

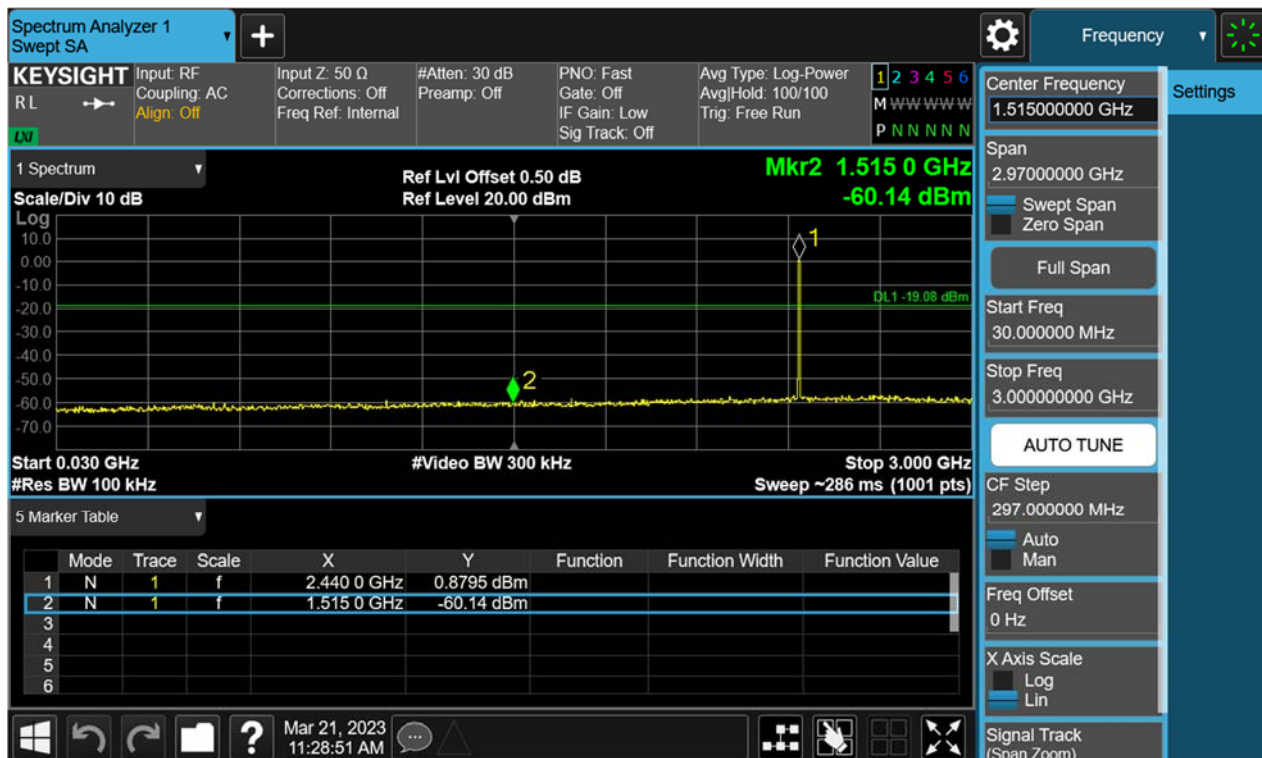
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Conducted spurious emissions 30MHz-25GHz



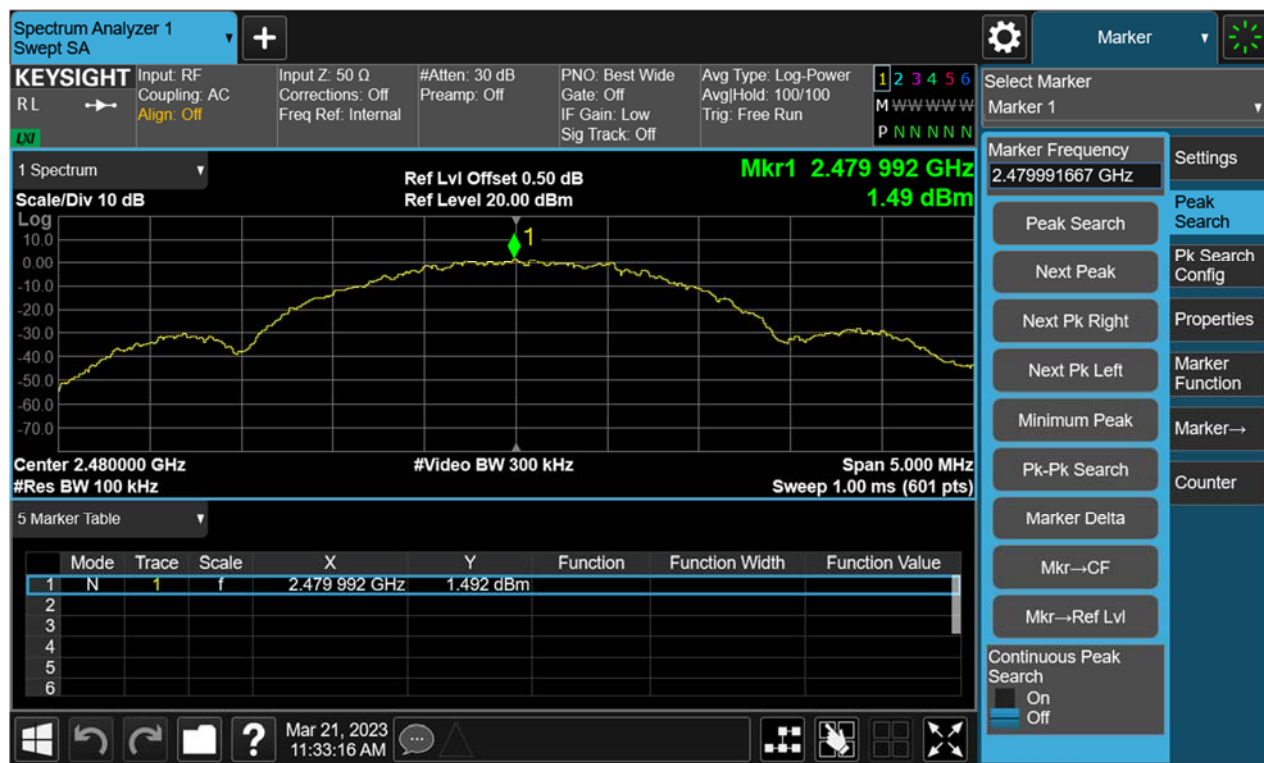
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Figure 48: Conducted Spurious Emission & Authorized-band band-edge, 2480MHz, BLE-2M Carrier Level



Band Edge



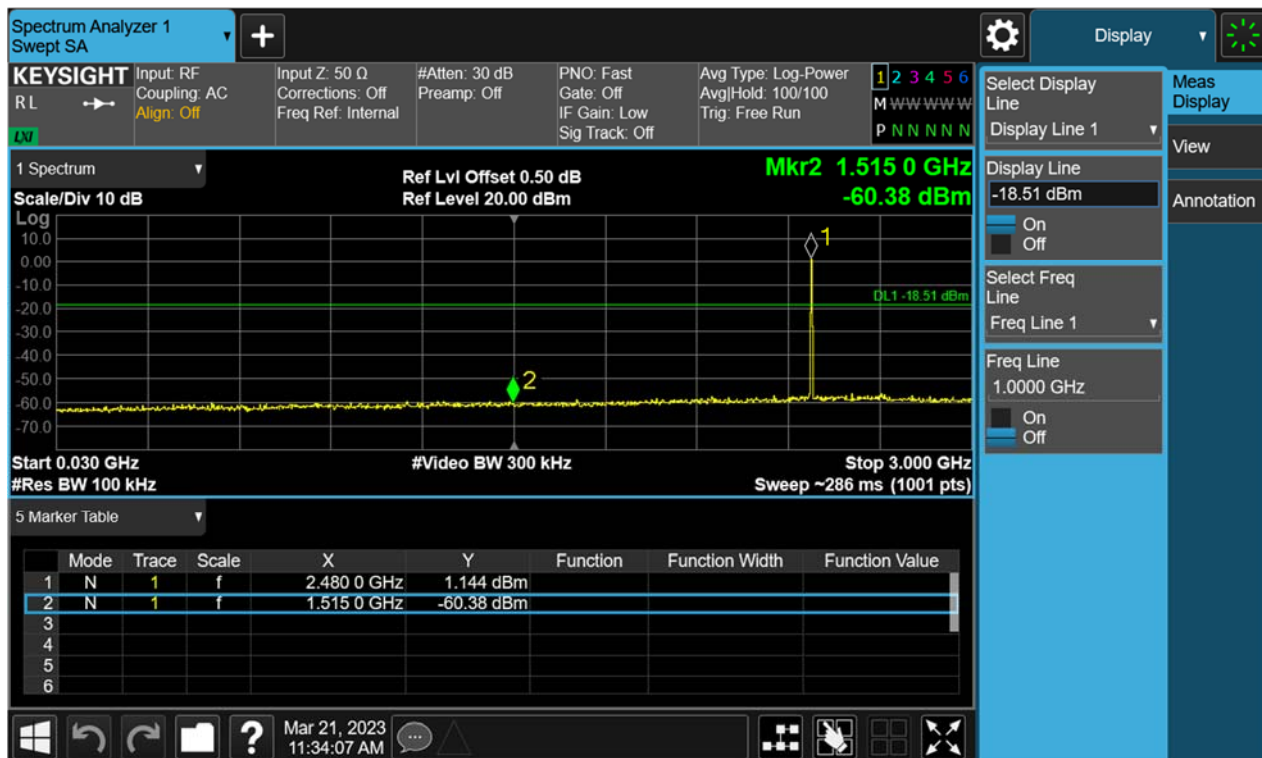
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Conducted spurious emissions 30MHz-25GHz



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4.1.6 Radiated Emission

RESULT:

PASS

Test standard	: FCC Part 15.247(d), 15.205, 15.209
Requirement	: ANSI C63.10-2013 clause 11.12, KDB 558074 clause 8.6
Kind of test site	: 3m Semi-Anechoic Chamber

Test setup

Test Channel	: Low/Middle/High
Operation Mode	: A
Ambient temperature	: 24.5°C
Relative humidity	: 53%

Notes

1. For 9 kHz ~ 30 MHz, the amplitude of spurious emissions that are attenuated by more than 20dB below the permissible. The value has no need to be reported.
2. The spurious above 18GHz is noise only and 20dB below the limit. The value has no need to be reported.
3. All test modes had been pre-tested, but only the BLE-1M&2M at low channel of below 1 GHz is the worst case and recorded in the report.
4. The EUT was pretested with 3 orientations placed on the table for the radiated emission measurement –X, Y, and Z-plane. The X-plane results were found as the worst case and were shown in this report.

TEST REPORT

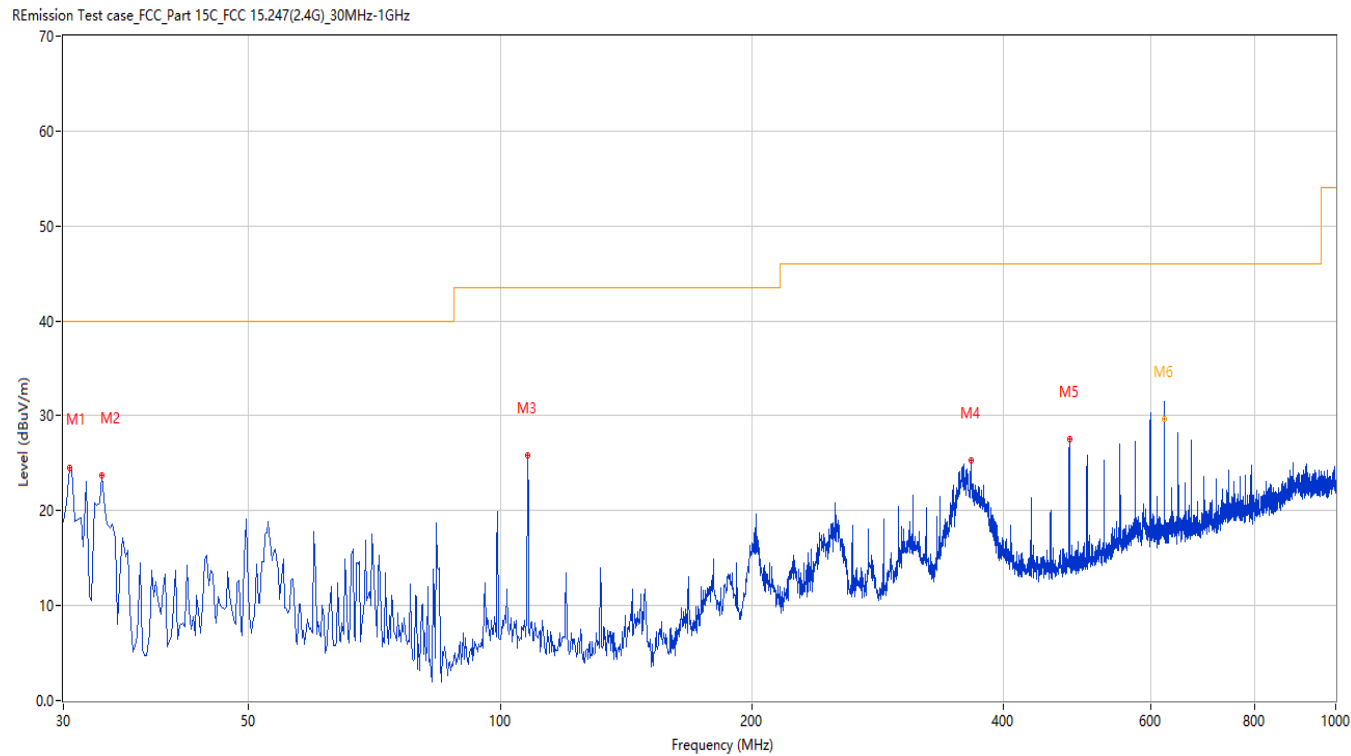
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Model: EH-MC25

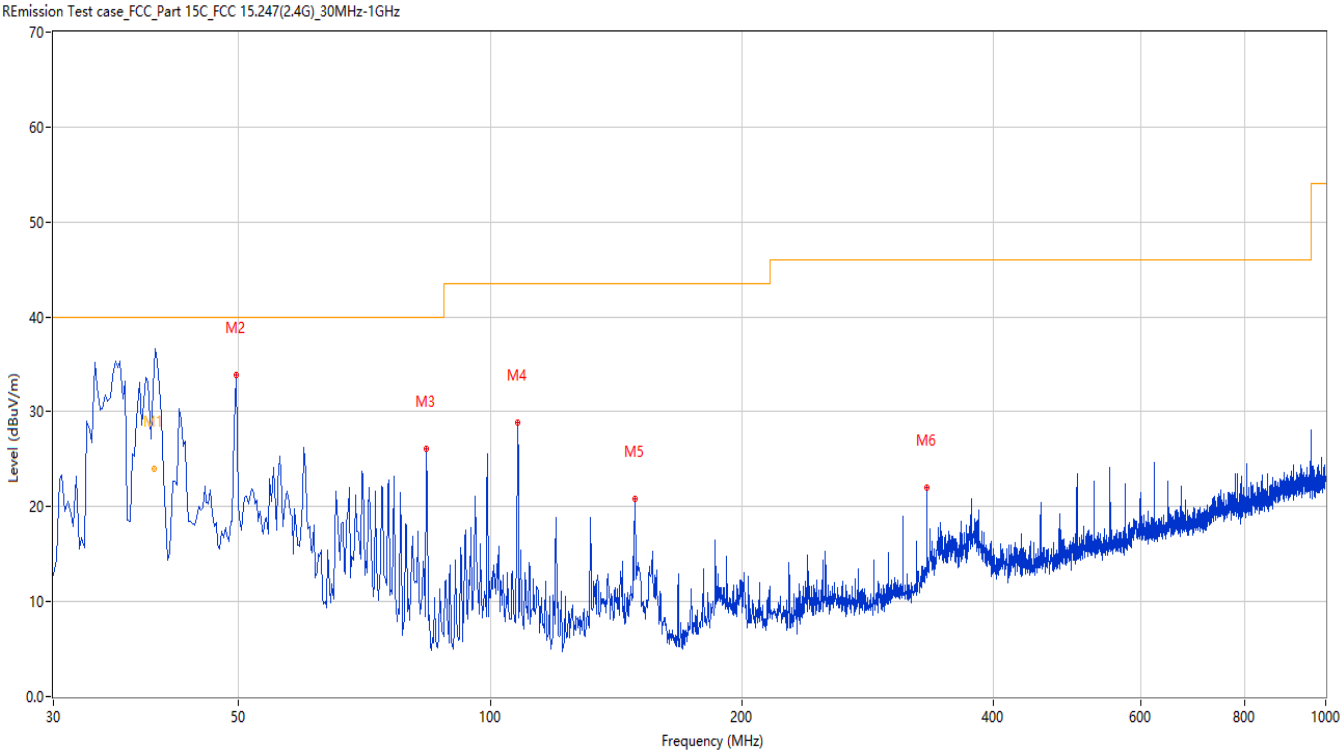
Figure 49: Radiated Emission, BLE-1M, 2402MHz_30MHz_1GHz
Horizontal polarization



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	30.485	24.52	-29.66	40.0	15.48	Peak	272.00	100	Horizontal	Pass
2	33.394	23.73	-28.62	40.0	16.27	Peak	319.90	100	Horizontal	Pass
3	107.823	25.88	-26.74	43.5	17.62	Peak	69.00	100	Horizontal	Pass
4	366.263	25.33	-21.95	46.0	20.67	Peak	285.60	100	Horizontal	Pass
5	479.968	27.50	-19.26	46.0	18.50	Peak	70.80	100	Horizontal	Pass
6	623.977	31.54	-15.49	46.0	14.46	Peak	356.00	100	Horizontal	Pass
6*	623.977	29.63	-15.49	46.0	16.37	QP	356.00	100	Horizontal	Pass

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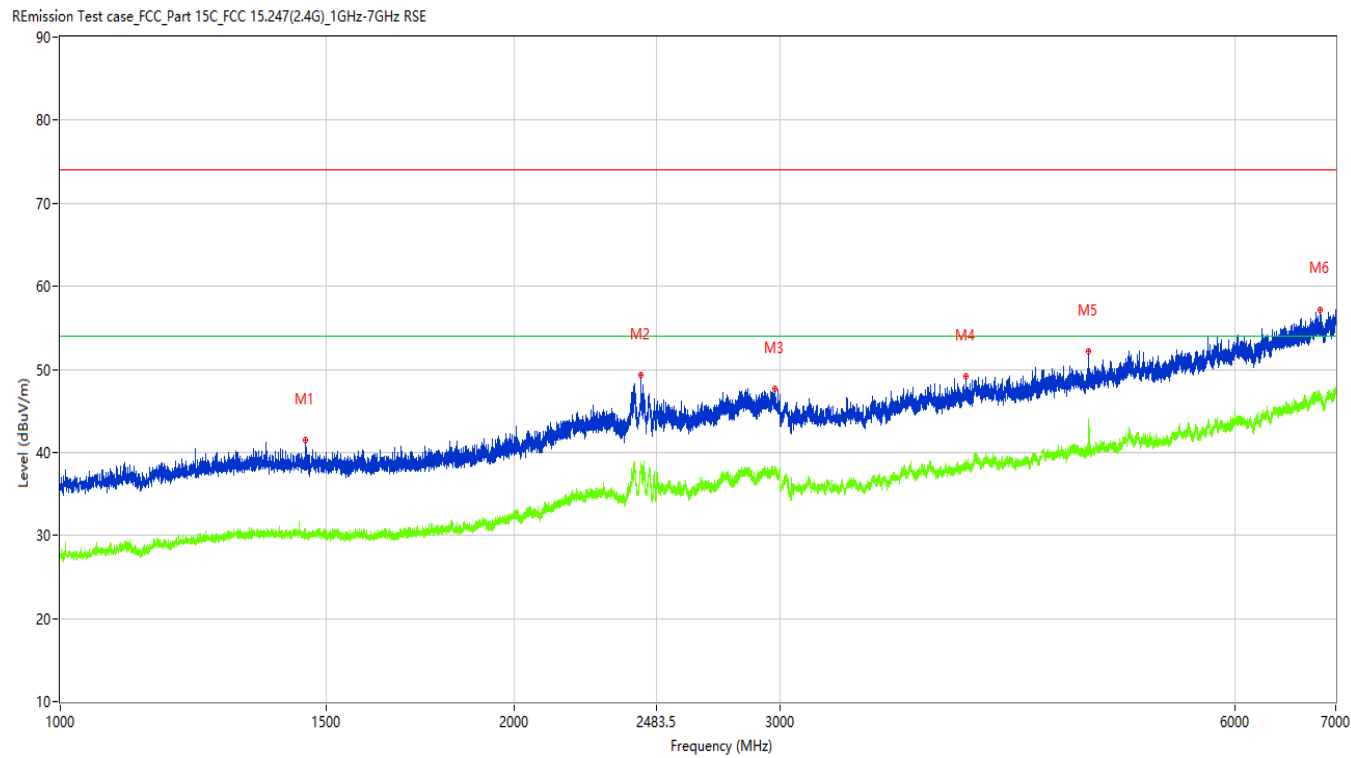
Vertical polarization



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	39.644	35.97	-26.43	40.0	4.03	Peak	125.00	110	Vertical	Pass
1*	39.644	24.00	-26.43	40.0	16.00	QP	125.00	110	Vertical	Pass
2	49.638	33.94	-25.03	40.0	6.06	Peak	1.70	100	Vertical	Pass
3	83.822	26.08	-30.81	40.0	13.92	Peak	129.40	100	Vertical	Pass
4	107.823	28.83	-26.74	43.5	14.67	Peak	185.90	100	Vertical	Pass
5	149.038	20.83	-29.97	43.5	22.67	Peak	352.20	100	Vertical	Pass
6	333.292	21.96	-22.51	46.0	24.04	Peak	127.50	100	Vertical	Pass

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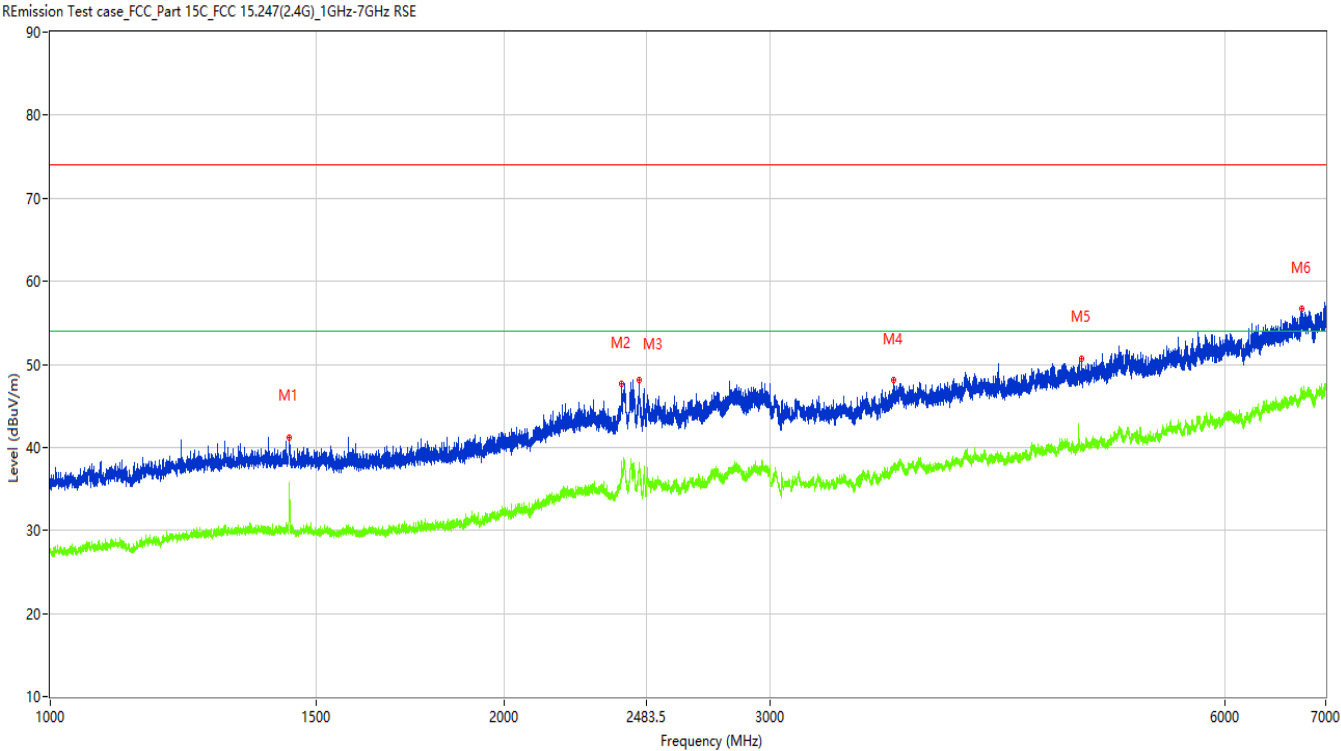
Figure 50: Radiated Emission, BLE-1M, 2402MHz_1GHz_7GHz
Horizontal polarization



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1453.943	41.53	-12.90	74.0	32.47	Peak	334.90	100	Horizontal	Pass
1**	1453.943	30.25	-12.90	54.0	23.75	AV	334.90	100	Horizontal	Pass
2	2426.072	49.33	-4.89	74.0	24.67	Peak	20.80	100	Horizontal	Pass
2**	2426.072	38.78	-4.89	54.0	15.22	AV	20.80	100	Horizontal	Pass
3	2974.753	47.62	-3.25	74.0	26.38	Peak	302.20	100	Horizontal	Pass
3**	2974.753	37.64	-3.25	54.0	16.36	AV	302.20	100	Horizontal	Pass
4	3984.377	49.16	-1.29	74.0	24.84	Peak	0.10	100	Horizontal	Pass
4**	3984.377	38.25	-1.29	54.0	15.75	AV	0.10	100	Horizontal	Pass
5	4803.275	52.11	-0.57	74.0	21.89	Peak	50.60	100	Horizontal	Pass
5**	4803.275	43.75	-0.57	54.0	10.25	AV	50.60	100	Horizontal	Pass
6	6839.520	57.10	5.06	74.0	16.90	Peak	319.50	100	Horizontal	Pass
6**	6839.520	46.56	5.06	54.0	7.44	AV	319.50	100	Horizontal	Pass

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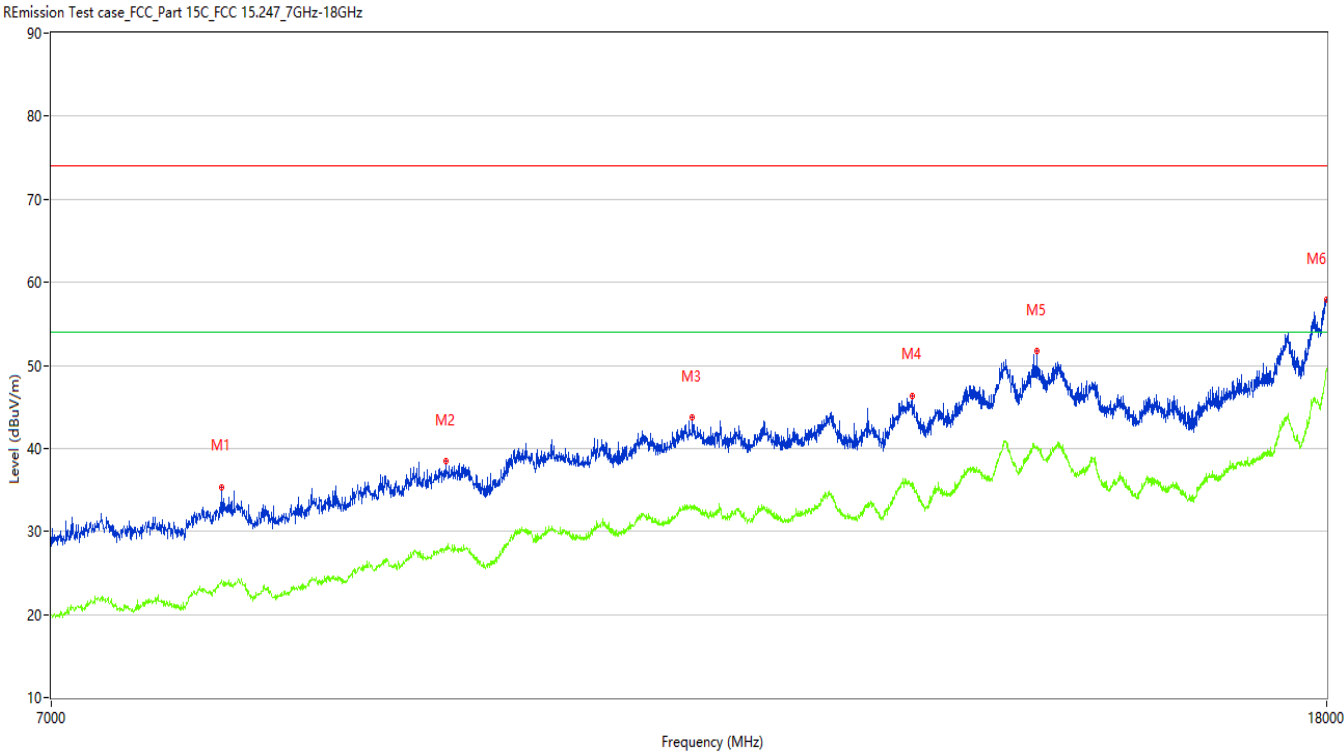
Vertical polarization



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1439.945	41.24	-12.72	74.0	32.76	Peak	358.10	100	Vertical	Pass
1**	1439.945	35.52	-12.72	54.0	18.48	AV	358.10	100	Vertical	Pass
2	2391.576	47.60	-4.80	74.0	26.40	Peak	359.40	100	Vertical	Pass
2**	2391.576	38.30	-4.80	54.0	15.70	AV	359.40	100	Vertical	Pass
3	2456.818	48.05	-5.47	74.0	25.95	Peak	83.70	100	Vertical	Pass
3**	2456.818	38.18	-5.47	54.0	15.82	AV	83.70	100	Vertical	Pass
4	3621.922	48.11	-1.65	74.0	25.89	Peak	278.90	100	Vertical	Pass
4**	3621.922	37.52	-1.65	54.0	16.48	AV	278.90	100	Vertical	Pass
5	4826.772	50.64	-0.29	74.0	23.36	Peak	349.00	100	Vertical	Pass
5**	4826.772	40.53	-0.29	54.0	13.47	AV	349.00	100	Vertical	Pass
6	6747.532	56.71	4.83	74.0	17.29	Peak	43.20	100	Vertical	Pass
6**	6747.532	47.15	4.83	54.0	6.85	AV	43.20	100	Vertical	Pass

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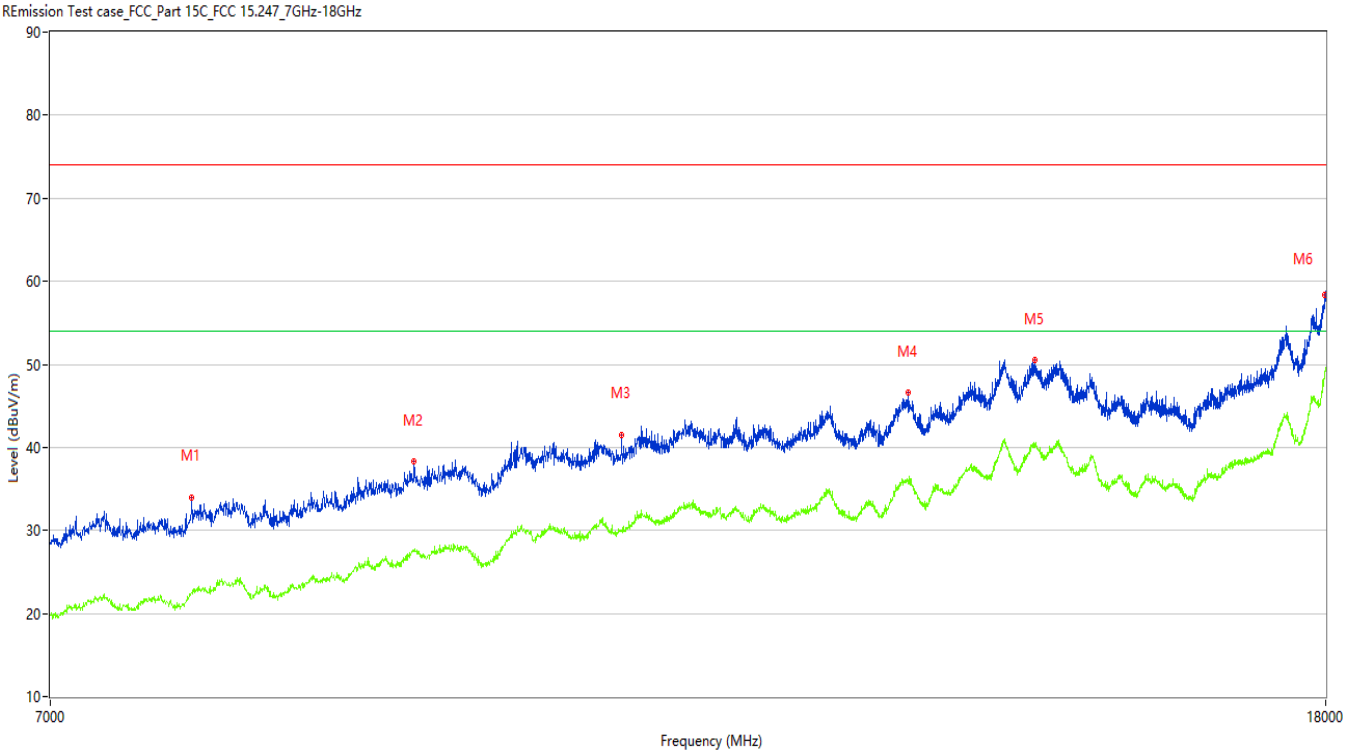
Figure 51: Radiated Emission, BLE-1M, 2402MHz_7GHz_18GHz
Horizontal polarization



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7943.014	35.38	3.31	74.0	38.62	Peak	162.00	100	Horizontal	Pass
1**	7943.014	24.14	3.31	54.0	29.86	AV	162.00	100	Horizontal	Pass
2	9375.406	38.47	7.63	74.0	35.53	Peak	276.60	100	Horizontal	Pass
2**	9375.406	28.14	7.63	54.0	25.86	AV	276.60	100	Horizontal	Pass
3	11253.187	43.69	11.94	74.0	30.31	Peak	186.70	100	Horizontal	Pass
3**	11253.187	33.07	11.94	54.0	20.93	AV	186.70	100	Horizontal	Pass
4	13240.940	46.37	14.10	74.0	27.63	Peak	104.80	100	Horizontal	Pass
4**	13240.940	35.89	14.10	54.0	18.11	AV	104.80	100	Horizontal	Pass
5	14524.869	51.71	17.52	74.0	22.29	Peak	98.00	100	Horizontal	Pass
5**	14524.869	40.35	17.52	54.0	13.65	AV	98.00	100	Horizontal	Pass
6	17994.501	57.83	27.58	74.0	16.17	Peak	117.80	100	Horizontal	Pass
6**	17994.501	49.35	27.58	54.0	4.65	AV	117.80	100	Horizontal	Pass

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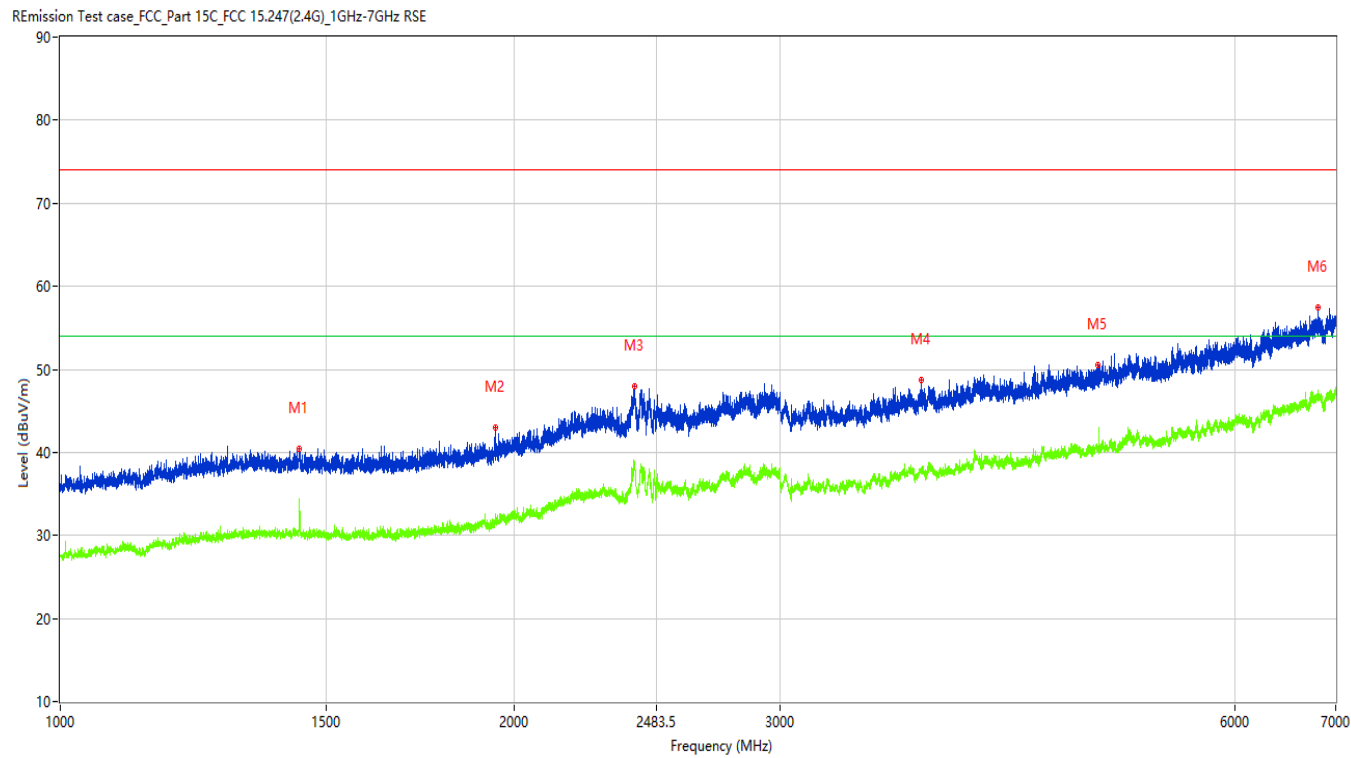
Vertical polarization



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7772.557	34.02	1.95	74.0	39.98	Peak	75.20	100	Vertical	Pass
1**	7772.557	22.49	1.95	54.0	31.51	AV	75.20	100	Vertical	Pass
2	9163.709	38.29	7.36	74.0	35.71	Peak	335.90	100	Vertical	Pass
2**	9163.709	27.41	7.36	54.0	26.59	AV	335.90	100	Vertical	Pass
3	10686.828	41.54	10.44	74.0	32.46	Peak	3.60	100	Vertical	Pass
3**	10686.828	30.09	10.44	54.0	23.91	AV	3.60	100	Vertical	Pass
4	13213.447	46.60	14.13	74.0	27.40	Peak	41.50	100	Vertical	Pass
4**	13213.447	35.89	14.13	54.0	18.11	AV	41.50	100	Vertical	Pass
5	14508.373	50.51	17.64	74.0	23.49	Peak	278.10	100	Vertical	Pass
5**	14508.373	40.04	17.64	54.0	13.96	AV	278.10	100	Vertical	Pass
6	17989.003	58.32	27.24	74.0	15.68	Peak	170.30	100	Vertical	Pass
6**	17989.003	48.90	27.24	54.0	5.10	AV	170.30	100	Vertical	Pass

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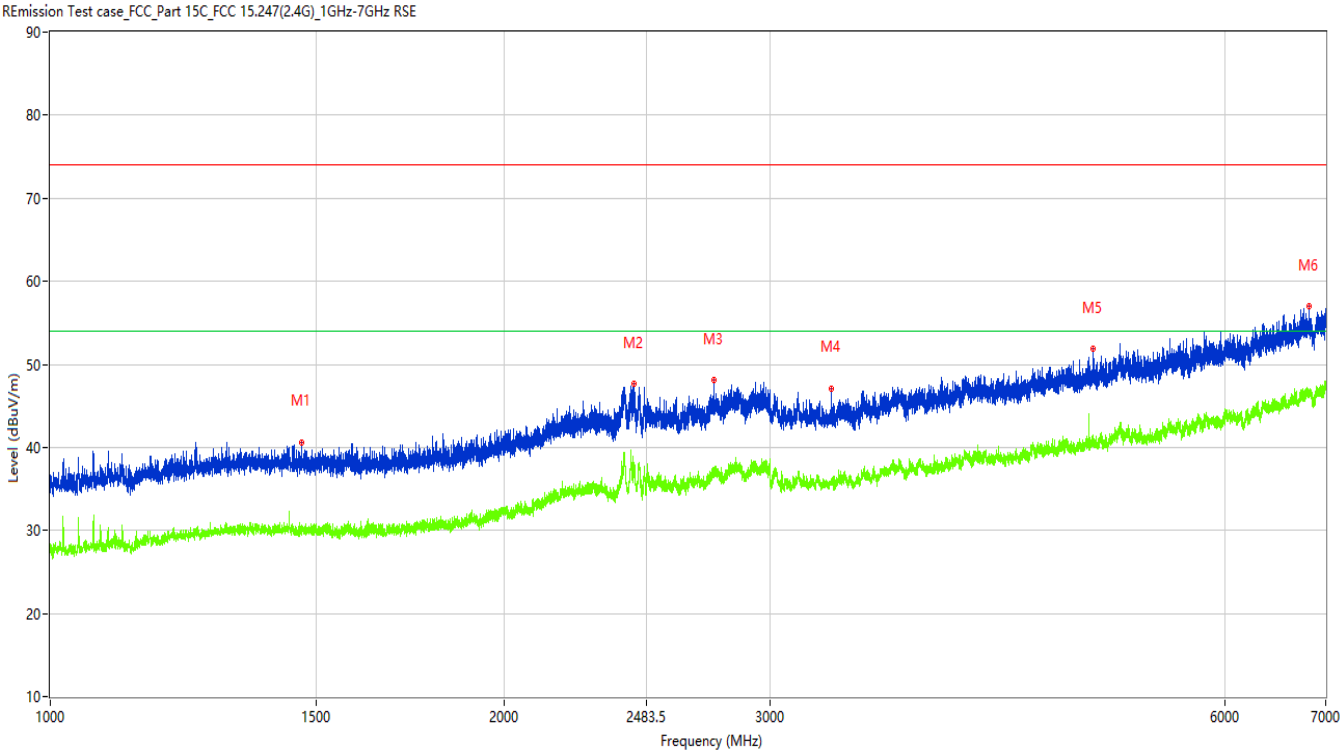
Figure 52: Radiated Emission, BLE-1M, 2440MHz_1GHz_7GHz
Horizontal polarization



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1439.945	40.48	-12.72	74.0	33.52	Peak	23.90	100	Horizontal	Pass
1**	1439.945	34.42	-12.72	54.0	19.58	AV	23.90	100	Horizontal	Pass
2	1943.632	43.01	-11.31	74.0	30.99	Peak	143.20	100	Horizontal	Pass
2**	1943.632	32.54	-11.31	54.0	21.46	AV	143.20	100	Horizontal	Pass
3	2400.825	47.90	-4.43	74.0	26.10	Peak	238.30	100	Horizontal	Pass
3**	2400.825	38.70	-4.43	54.0	15.30	AV	238.30	100	Horizontal	Pass
4	3721.410	48.76	-1.99	74.0	25.24	Peak	146.30	100	Horizontal	Pass
4**	3721.410	38.17	-1.99	54.0	15.83	AV	146.30	100	Horizontal	Pass
5	4871.266	50.60	0.05	74.0	23.40	Peak	258.70	100	Horizontal	Pass
5**	4871.266	40.80	0.05	54.0	13.20	AV	258.70	100	Horizontal	Pass
6	6809.024	57.50	5.14	74.0	16.50	Peak	298.50	100	Horizontal	Pass
6**	6809.024	46.19	5.14	54.0	7.81	AV	298.50	100	Horizontal	Pass

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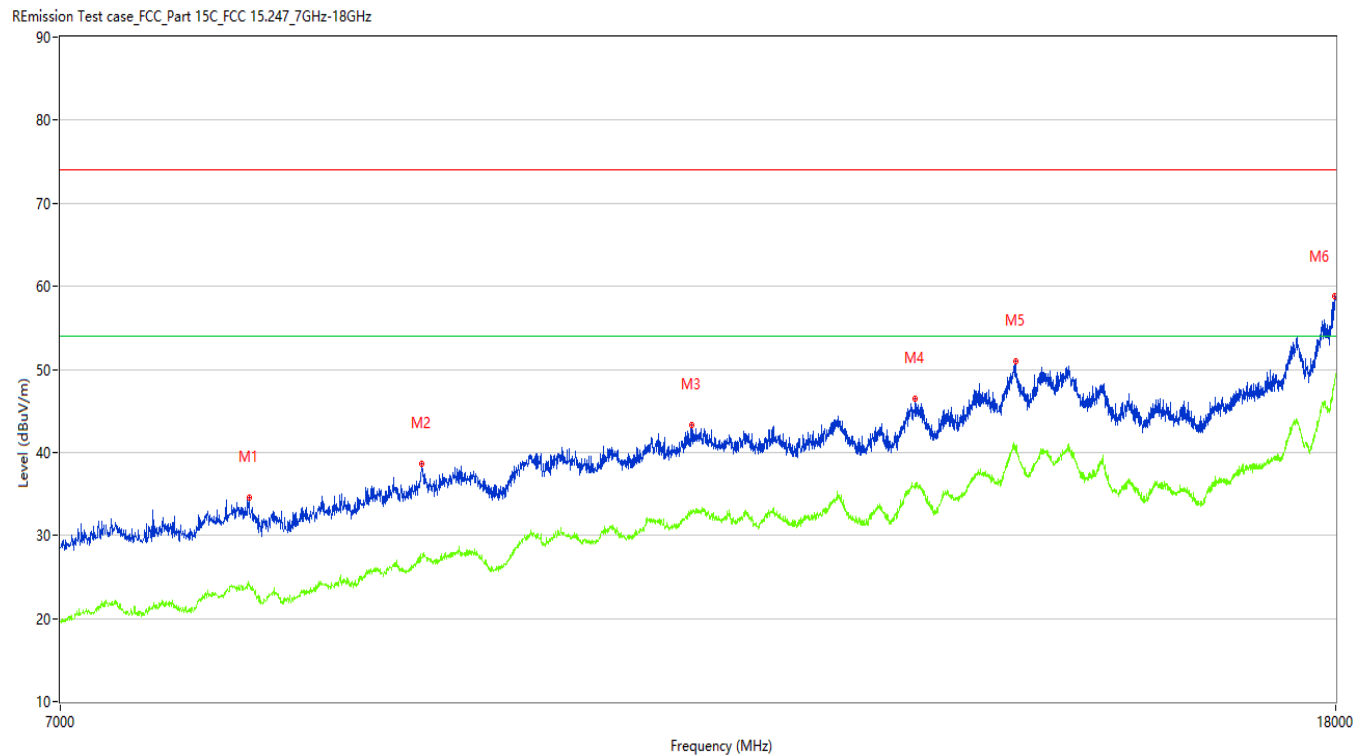
Vertical polarization



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1466.500	40.65	-12.91	74.0	33.35	Peak	351.10	100	Vertical	Pass
1**	1466.500	30.00	-12.91	54.0	24.00	AV	351.10	100	Vertical	Pass
2	2438.250	47.61	-5.12	74.0	26.39	Peak	49.30	100	Vertical	Pass
2**	2438.250	37.53	-5.12	54.0	16.47	AV	49.30	100	Vertical	Pass
3	2751.000	48.13	-5.07	74.0	25.87	Peak	319.90	100	Vertical	Pass
3**	2751.000	37.10	-5.07	54.0	16.90	AV	319.90	100	Vertical	Pass
4	3294.500	47.00	-4.85	74.0	27.00	Peak	263.00	100	Vertical	Pass
4**	3294.500	36.14	-4.85	54.0	17.86	AV	263.00	100	Vertical	Pass
5	4912.000	51.82	0.11	74.0	22.18	Peak	182.20	100	Vertical	Pass
5**	4912.000	41.08	0.11	54.0	12.92	AV	182.20	100	Vertical	Pass
6	6826.500	56.95	5.09	74.0	17.05	Peak	40.50	100	Vertical	Pass
6**	6826.500	46.56	5.09	54.0	7.44	AV	40.50	100	Vertical	Pass

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Figure 53: Radiated Emission, BLE-1M, 2440MHz_7GHz_18GHz
Horizontal polarization



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	8050.237	34.57	4.50	74.0	39.43	Peak	146.10	100	Horizontal	Pass
1**	8050.237	24.19	4.50	54.0	29.81	AV	146.10	100	Horizontal	Pass
2	9147.213	38.68	7.28	74.0	35.32	Peak	311.60	100	Horizontal	Pass
2**	9147.213	27.33	7.28	54.0	26.67	AV	311.60	100	Horizontal	Pass
3	11170.707	43.34	11.02	74.0	30.66	Peak	288.80	100	Horizontal	Pass
3**	11170.707	32.54	11.02	54.0	21.46	AV	288.80	100	Horizontal	Pass
4	13185.954	46.44	14.05	74.0	27.56	Peak	167.70	100	Horizontal	Pass
4**	13185.954	35.64	14.05	54.0	18.36	AV	167.70	100	Horizontal	Pass
5	14200.450	50.91	19.49	74.0	23.09	Peak	340.00	100	Horizontal	Pass
5**	14200.450	40.49	19.49	54.0	13.51	AV	340.00	100	Horizontal	Pass
6	17983.504	58.80	26.90	74.0	15.20	Peak	349.90	100	Horizontal	Pass
6**	17983.504	48.49	26.90	54.0	5.51	AV	349.90	100	Horizontal	Pass

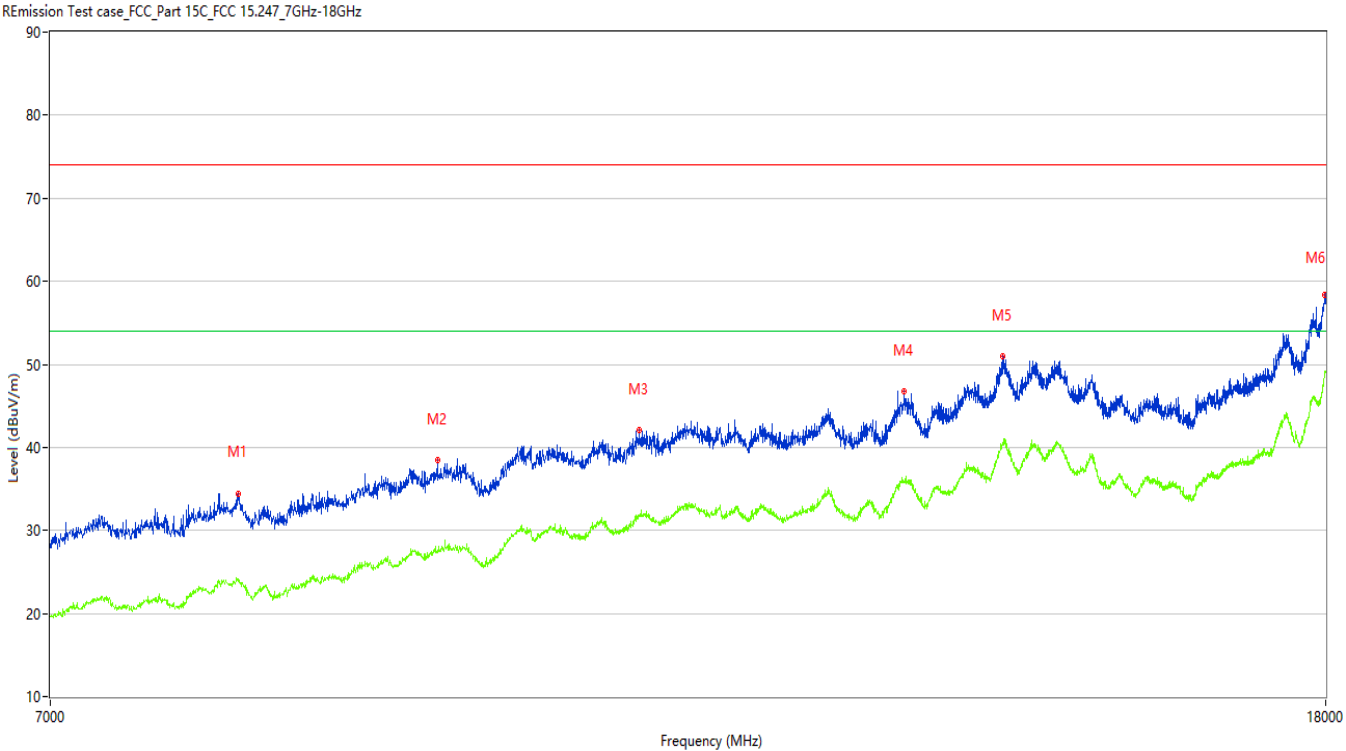
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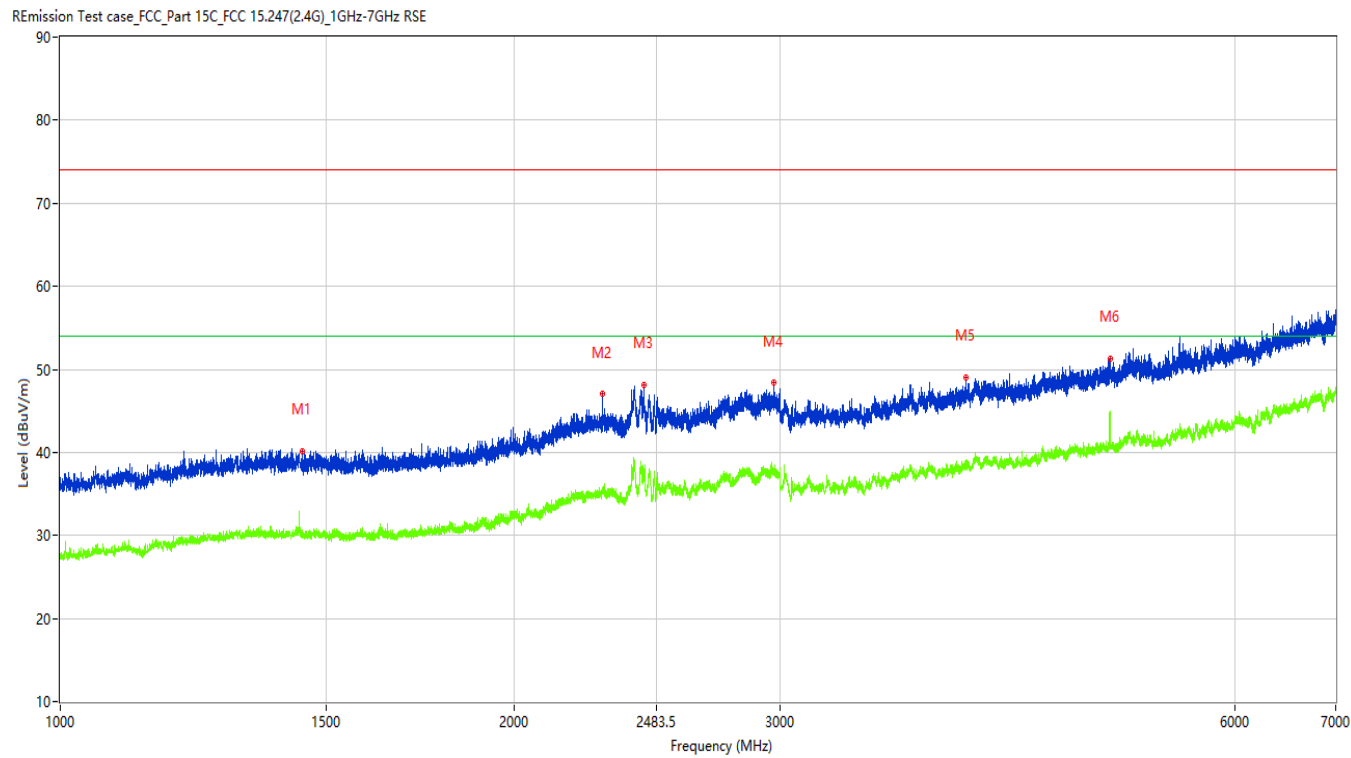
Vertical polarization



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	8047.488	34.46	4.56	74.0	39.54	Peak	348.30	100	Vertical	Pass
1**	8047.488	23.89	4.56	54.0	30.11	AV	348.30	100	Vertical	Pass
2	9323.169	38.50	7.16	74.0	35.50	Peak	353.20	100	Vertical	Pass
2**	9323.169	27.39	7.16	54.0	26.61	AV	353.20	100	Vertical	Pass
3	10827.043	42.03	10.85	74.0	31.97	Peak	328.20	100	Vertical	Pass
3**	10827.043	31.65	10.85	54.0	22.35	AV	328.20	100	Vertical	Pass
4	13174.956	46.76	14.03	74.0	27.24	Peak	81.20	100	Vertical	Pass
4**	13174.956	35.95	14.03	54.0	18.05	AV	81.20	100	Vertical	Pass
5	14167.458	51.01	19.11	74.0	22.99	Peak	76.30	100	Vertical	Pass
5**	14167.458	40.33	19.11	54.0	13.67	AV	76.30	100	Vertical	Pass
6	17986.253	58.30	27.07	74.0	15.70	Peak	140.20	100	Vertical	Pass
6**	17986.253	48.82	27.07	54.0	5.18	AV	140.20	100	Vertical	Pass

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Figure 54: Radiated Emission, BLE-1M, 2480MHz_1GHz_7GHz
Horizontal polarization



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1446.444	40.11	-12.81	74.0	33.89	Peak	230.20	100	Horizontal	Pass
1**	1446.444	30.52	-12.81	54.0	23.48	AV	230.20	100	Horizontal	Pass
2	2287.839	47.04	-7.52	74.0	26.96	Peak	4.30	100	Horizontal	Pass
2**	2287.839	35.31	-7.52	54.0	18.69	AV	4.30	100	Horizontal	Pass
3	2437.570	48.17	-5.10	74.0	25.83	Peak	145.00	100	Horizontal	Pass
3**	2437.570	38.09	-5.10	54.0	15.91	AV	145.00	100	Horizontal	Pass
4	2971.754	48.35	-3.28	74.0	25.65	Peak	132.00	100	Horizontal	Pass
4**	2971.754	37.46	-3.28	54.0	16.54	AV	132.00	100	Horizontal	Pass
5	3980.377	49.09	-1.31	74.0	24.91	Peak	64.80	100	Horizontal	Pass
5**	3980.377	38.42	-1.31	54.0	15.58	AV	64.80	100	Horizontal	Pass
6	4959.755	51.35	0.22	74.0	22.65	Peak	233.40	100	Horizontal	Pass
6**	4959.755	44.91	0.22	54.0	9.09	AV	233.40	100	Horizontal	Pass

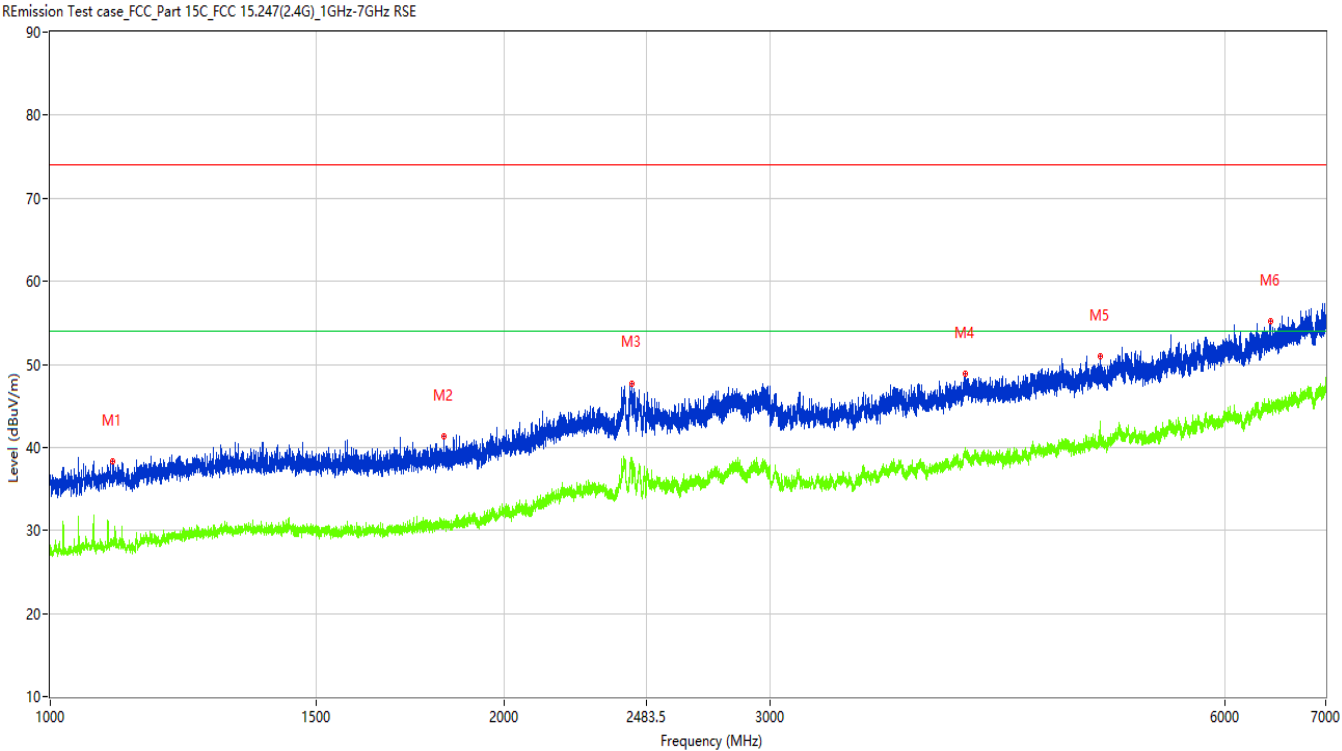
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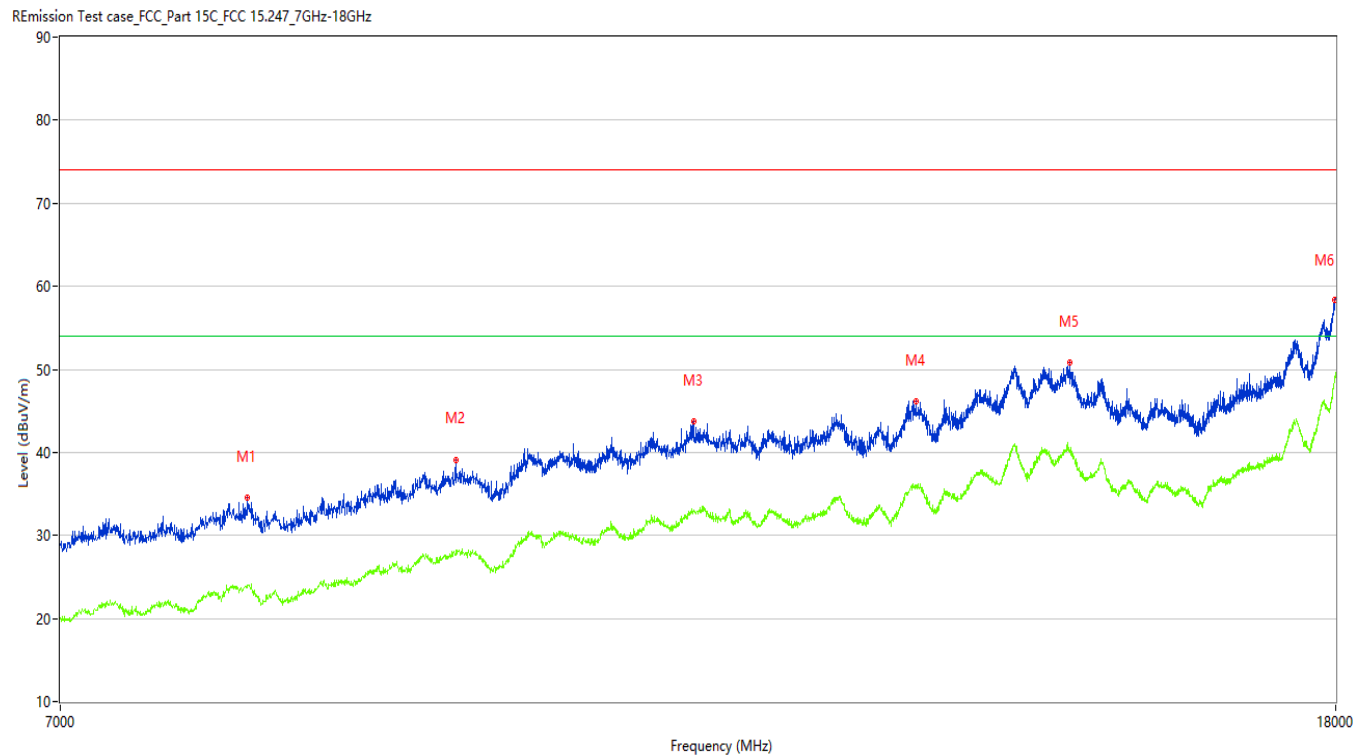
Vertical polarization



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1099.250	38.33	-14.21	74.0	35.67	Peak	1.40	100	Vertical	Pass
1**	1099.250	28.65	-14.21	54.0	25.35	AV	1.40	100	Vertical	Pass
2	1822.250	41.37	-12.26	74.0	32.63	Peak	360.00	100	Vertical	Pass
2**	1822.250	30.89	-12.26	54.0	23.11	AV	360.00	100	Vertical	Pass
3	2427.250	47.72	-4.90	74.0	26.28	Peak	0.00	100	Vertical	Pass
3**	2427.250	37.93	-4.90	54.0	16.07	AV	0.00	100	Vertical	Pass
4	4040.500	48.87	-0.90	74.0	25.13	Peak	54.20	100	Vertical	Pass
4**	4040.500	39.39	-0.90	54.0	14.61	AV	54.20	100	Vertical	Pass
5	4960.500	51.03	0.22	74.0	22.97	Peak	84.70	100	Vertical	Pass
5**	4960.500	42.63	0.22	54.0	11.37	AV	84.70	100	Vertical	Pass
6	6439.500	55.16	3.82	74.0	18.84	Peak	69.10	100	Vertical	Pass
6**	6439.500	45.05	3.82	54.0	8.95	AV	69.10	100	Vertical	Pass

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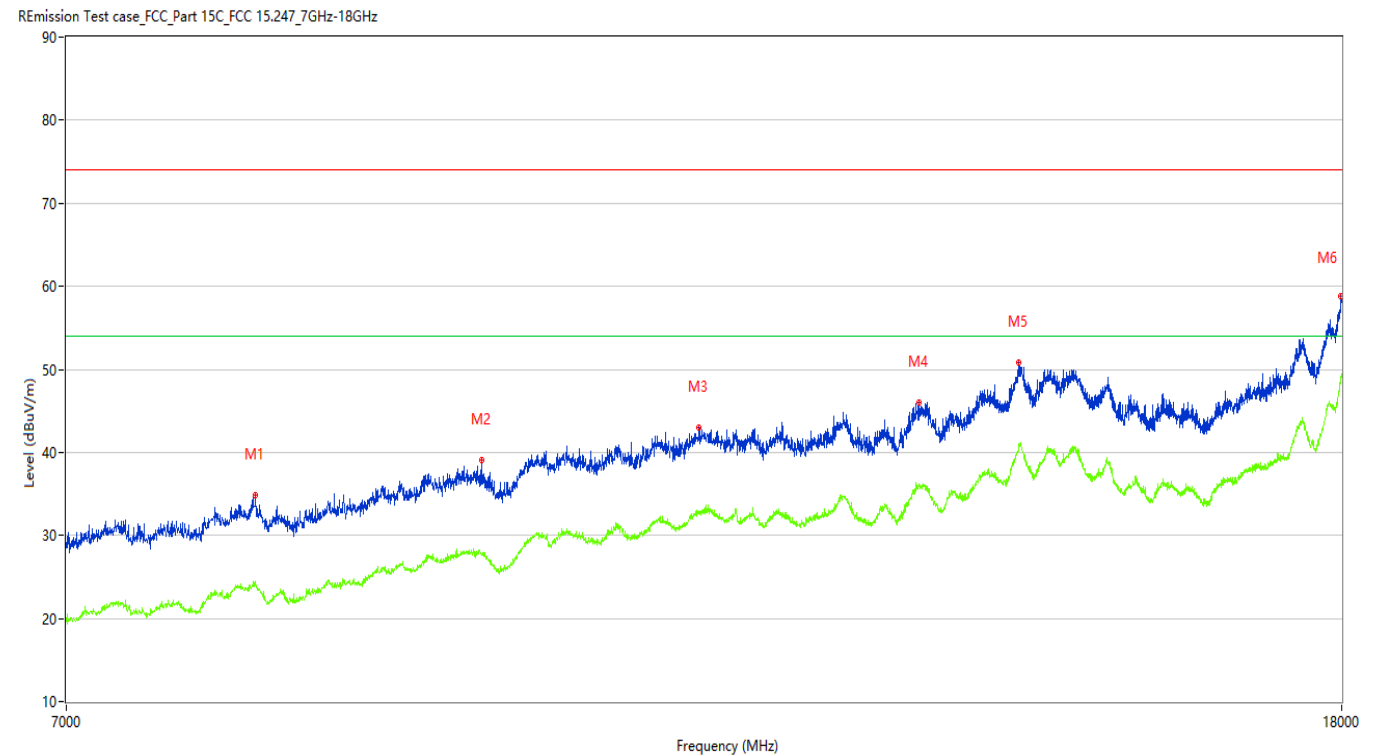
Figure 55: Radiated Emission, BLE-1M, 2480MHz_7GHz_18GHz
Horizontal polarization



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	8041.990	34.54	4.52	74.0	39.46	Peak	319.80	100	Horizontal	Pass
1**	8041.990	23.79	4.52	54.0	30.21	AV	319.80	100	Horizontal	Pass
2	9380.905	39.13	7.65	74.0	34.87	Peak	352.60	100	Horizontal	Pass
2**	9380.905	27.66	7.65	54.0	26.34	AV	352.60	100	Horizontal	Pass
3	11189.953	43.79	11.17	74.0	30.21	Peak	359.50	100	Horizontal	Pass
3**	11189.953	32.98	11.17	54.0	21.02	AV	359.50	100	Horizontal	Pass
4	13188.703	46.18	14.06	74.0	27.82	Peak	156.50	100	Horizontal	Pass
4**	13188.703	36.11	14.06	54.0	17.89	AV	156.50	100	Horizontal	Pass
5	14780.555	50.84	18.61	74.0	23.16	Peak	156.50	100	Horizontal	Pass
5**	14780.555	40.09	18.61	54.0	13.91	AV	156.50	100	Horizontal	Pass
6	17989.003	58.43	27.24	74.0	15.57	Peak	215.80	100	Horizontal	Pass
6**	17989.003	48.71	27.24	54.0	5.29	AV	215.80	100	Horizontal	Pass

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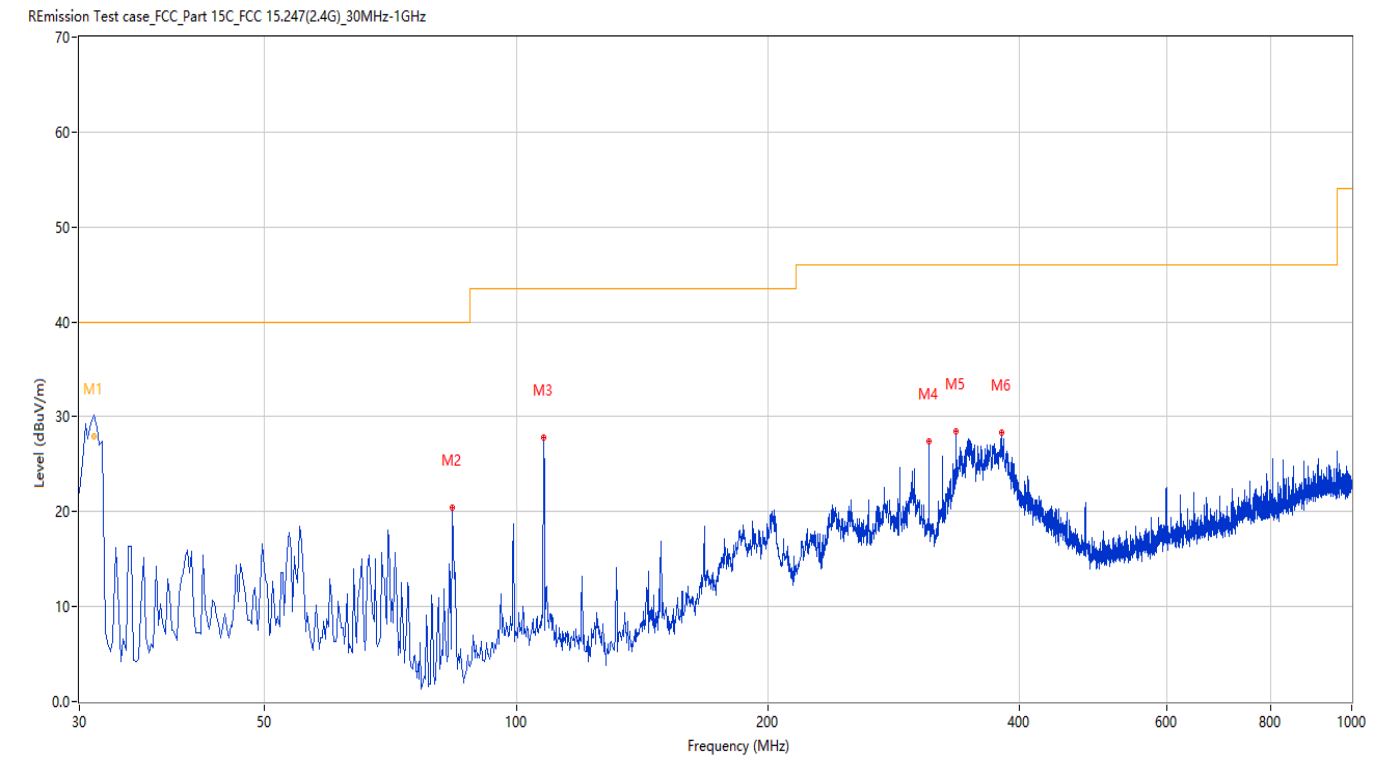
Vertical polarization



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	8052.987	34.92	4.44	74.0	39.08	Peak	127.70	100	Vertical	Pass
1**	8052.987	24.06	4.44	54.0	29.94	AV	127.70	100	Vertical	Pass
2	9518.370	39.04	8.05	74.0	34.96	Peak	335.30	100	Vertical	Pass
2**	9518.370	27.71	8.05	54.0	26.29	AV	335.30	100	Vertical	Pass
3	11184.454	42.96	11.13	74.0	31.04	Peak	293.20	100	Vertical	Pass
3**	11184.454	32.66	11.13	54.0	21.34	AV	293.20	100	Vertical	Pass
4	13163.959	45.99	14.00	74.0	28.01	Peak	110.70	100	Vertical	Pass
4**	13163.959	36.16	14.00	54.0	17.84	AV	110.70	100	Vertical	Pass
5	14172.957	50.76	19.28	74.0	23.24	Peak	116.00	100	Vertical	Pass
5**	14172.957	40.35	19.28	54.0	13.65	AV	116.00	100	Vertical	Pass
6	17991.752	58.81	27.41	74.0	15.19	Peak	229.90	100	Vertical	Pass
6**	17991.752	48.87	27.41	54.0	5.13	AV	229.90	100	Vertical	Pass

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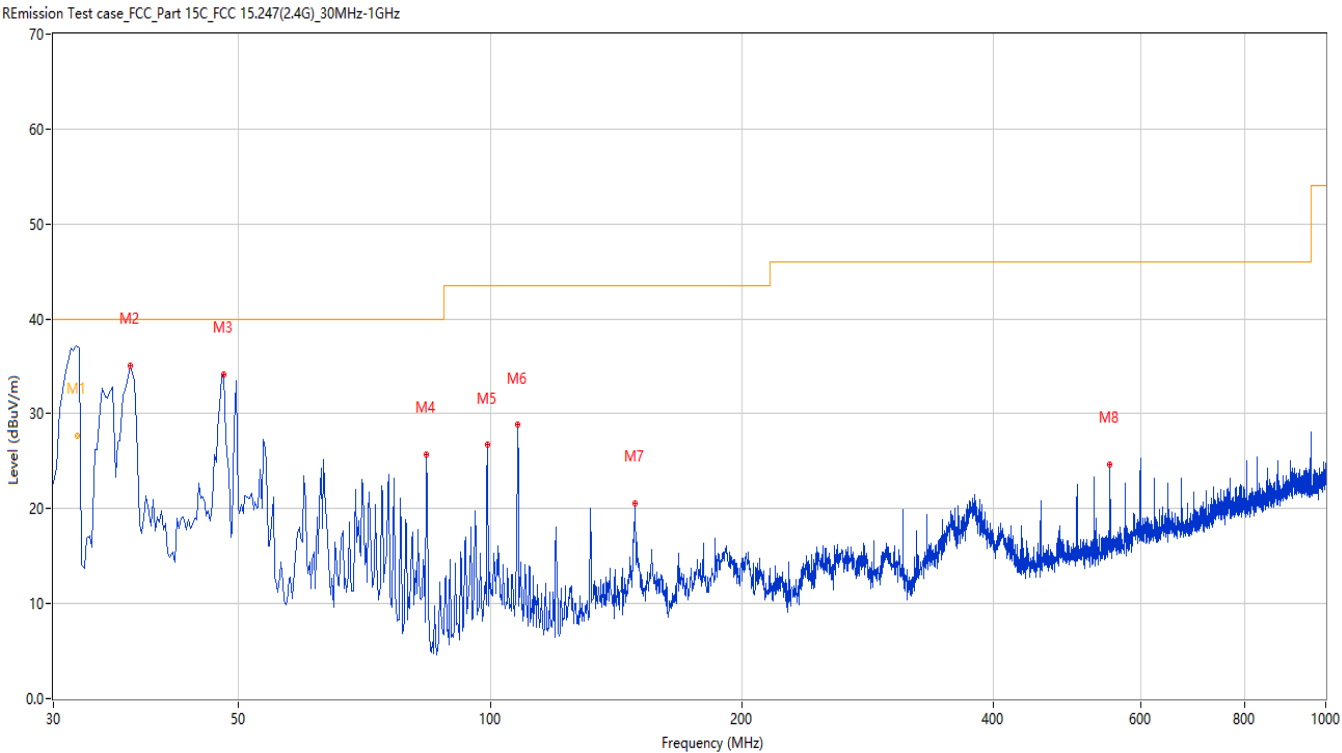
Figure 56: Radiated Emission, BLE-2M, 2402MHz_30MHz_1GHz
Horizontal polarization



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	31.212	30.18	-29.43	40.0	9.82	Peak	53.60	100	Horizontal	Pass
1*	31.212	27.92	-29.43	40.0	12.08	QP	53.60	100	Horizontal	Pass
2	83.822	20.44	-30.81	40.0	19.56	Peak	265.30	100	Horizontal	Pass
3	107.823	27.80	-26.74	43.5	15.70	Peak	66.30	100	Horizontal	Pass
4	311.957	27.44	-23.45	46.0	18.56	Peak	263.40	100	Horizontal	Pass
5	335.959	28.53	-22.34	46.0	17.47	Peak	283.50	100	Horizontal	Pass
6	380.810	28.30	-21.56	46.0	17.70	Peak	165.80	100	Horizontal	Pass

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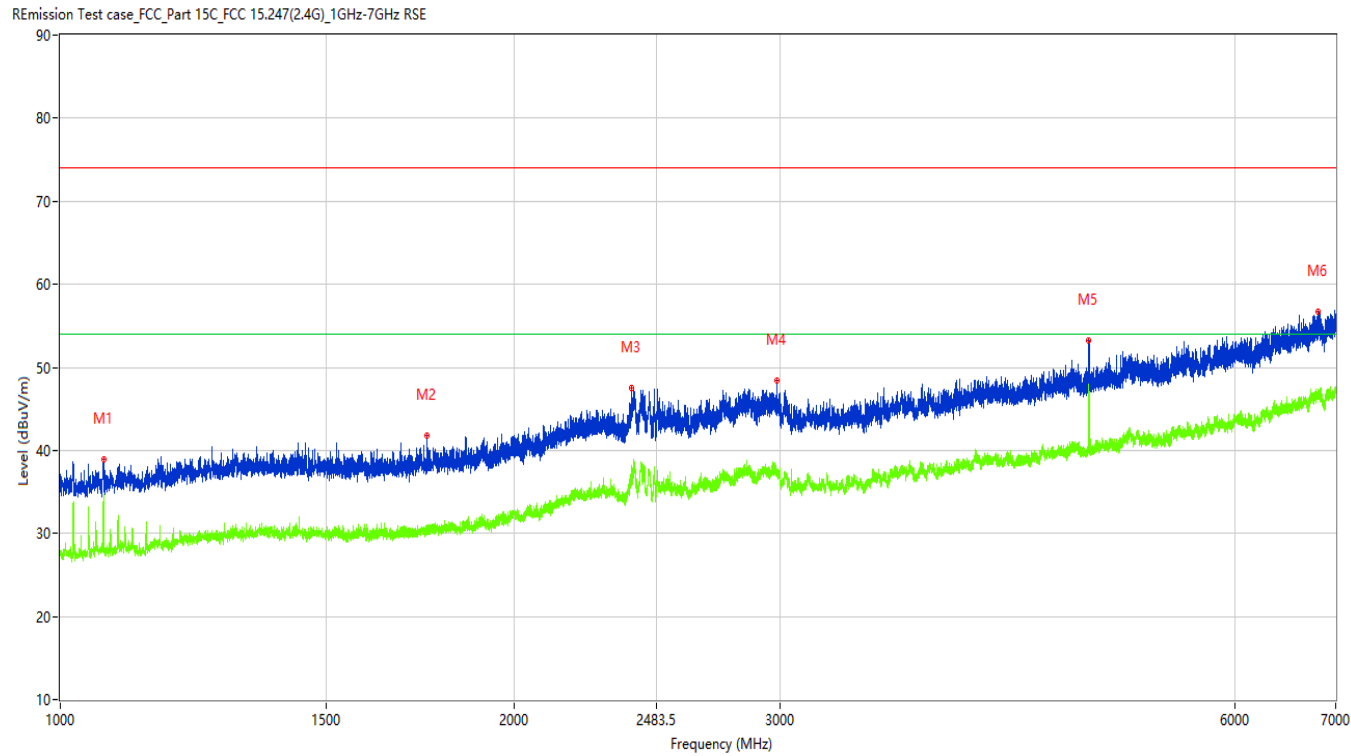
Vertical polarization



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	32.029	37.62	-29.17	40.0	2.38	Peak	236.60	100	Vertical	Pass
1*	32.029	27.70	-29.17	40.0	12.30	QP	236.60	100	Vertical	Pass
2	37.031	35.04	-27.37	40.0	4.96	Peak	240.90	100	Vertical	Pass
3	47.941	34.11	-25.11	40.0	5.89	Peak	253.50	100	Vertical	Pass
4	83.822	25.74	-30.81	40.0	14.26	Peak	123.20	100	Vertical	Pass
5	99.338	26.70	-26.69	43.5	16.80	Peak	95.10	100	Vertical	Pass
6	107.823	28.81	-26.74	43.5	14.69	Peak	160.30	100	Vertical	Pass
7	149.038	20.54	-29.97	43.5	22.96	Peak	334.80	100	Vertical	Pass
8	551.972	24.67	-17.25	46.0	21.33	Peak	186.50	100	Vertical	Pass

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Figure 57: Radiated Emission, BLE-2M, 2402MHz_1GHz_7GHz
Horizontal polarization



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1068.250	38.91	-14.28	74.0	35.09	Peak	95.00	100	Horizontal	Pass
1**	1068.250	34.54	-14.28	54.0	19.46	AV	95.00	100	Horizontal	Pass
2	1749.750	41.83	-12.52	74.0	32.17	Peak	188.40	100	Horizontal	Pass
2**	1749.750	30.51	-12.52	54.0	23.49	AV	188.40	100	Horizontal	Pass
3	2391.750	47.44	-4.53	74.0	26.56	Peak	95.00	100	Horizontal	Pass
3**	2391.750	38.04	-4.53	54.0	15.96	AV	95.00	100	Horizontal	Pass
4	2986.250	48.39	-3.13	74.0	25.61	Peak	0.00	100	Horizontal	Pass
4**	2986.250	37.12	-3.13	54.0	16.88	AV	0.00	100	Horizontal	Pass
5	4803.500	53.25	-0.57	74.0	20.75	Peak	130.00	100	Horizontal	Pass
5**	4803.500	47.98	-0.57	54.0	6.02	AV	130.00	100	Horizontal	Pass
6	6818.500	56.65	5.11	74.0	17.35	Peak	359.10	100	Horizontal	Pass
6**	6818.500	46.23	5.11	54.0	7.77	AV	359.10	100	Horizontal	Pass

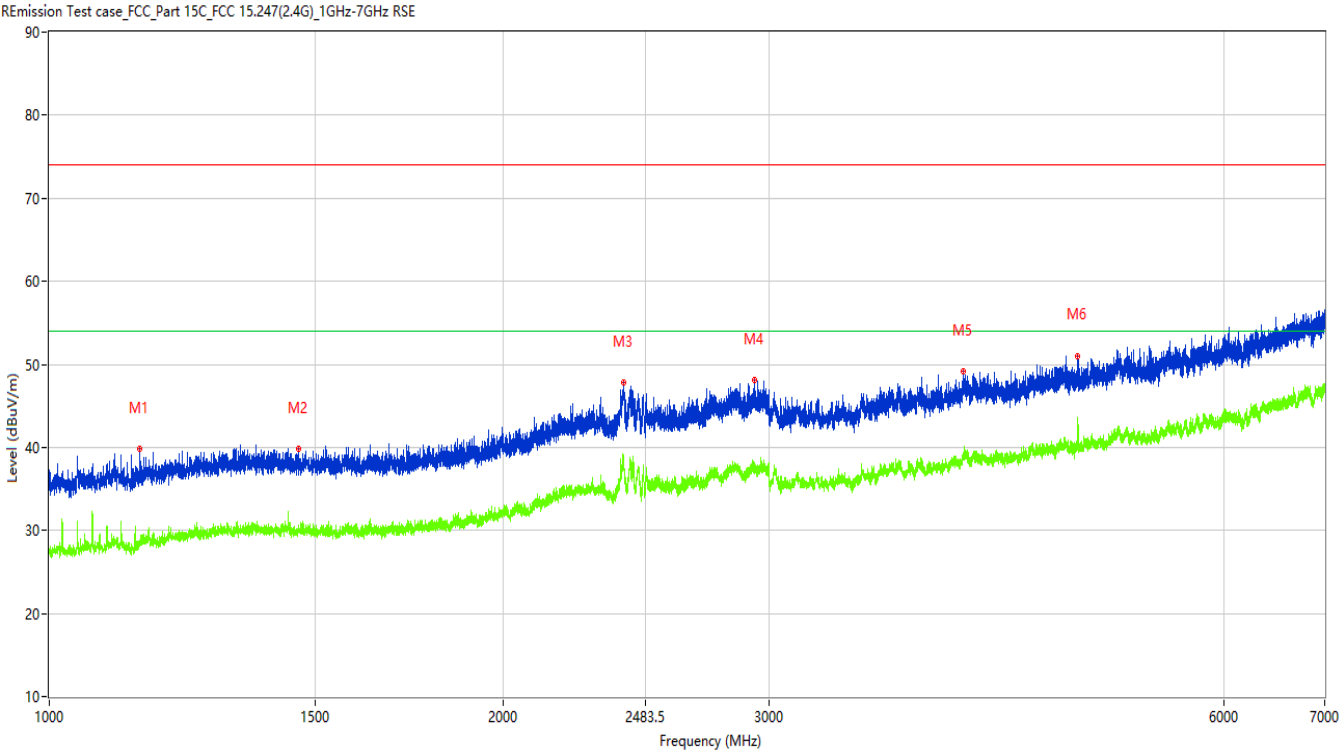
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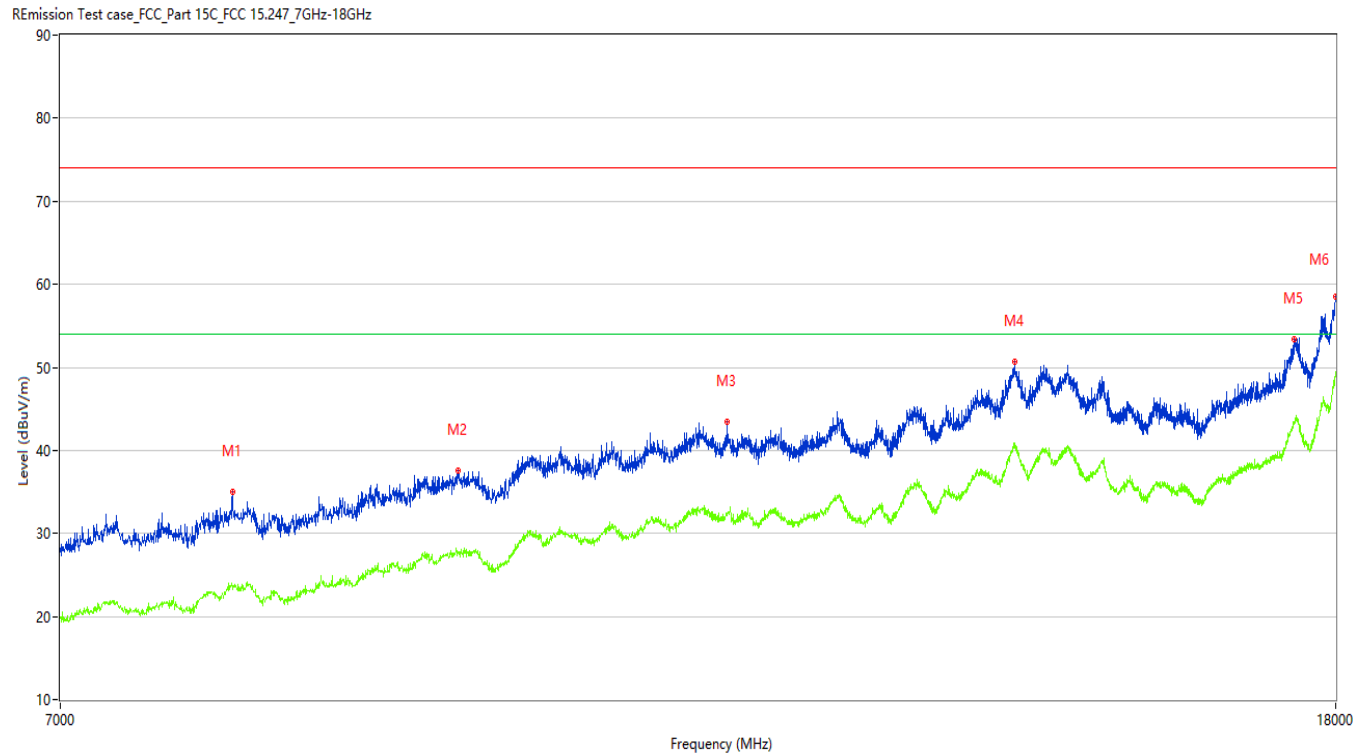
Vertical polarization



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1148.250	39.88	-13.99	74.0	34.12	Peak	218.90	100	Vertical	Pass
1**	1148.250	28.55	-13.99	54.0	25.45	AV	218.90	100	Vertical	Pass
2	1461.750	39.81	-12.95	74.0	34.19	Peak	265.40	100	Vertical	Pass
2**	1461.750	30.70	-12.95	54.0	23.30	AV	265.40	100	Vertical	Pass
3	2400.750	47.78	-4.42	74.0	26.22	Peak	158.60	100	Vertical	Pass
3**	2400.750	38.71	-4.42	54.0	15.29	AV	158.60	100	Vertical	Pass
4	2932.750	48.16	-4.23	74.0	25.84	Peak	249.80	100	Vertical	Pass
4**	2932.750	37.83	-4.23	54.0	16.17	AV	249.80	100	Vertical	Pass
5	4032.000	49.14	-0.93	74.0	24.86	Peak	360.00	100	Vertical	Pass
5**	4032.000	38.83	-0.93	54.0	15.17	AV	360.00	100	Vertical	Pass
6	4804.500	50.95	-0.56	74.0	23.05	Peak	360.00	100	Vertical	Pass
6**	4804.500	43.05	-0.56	54.0	10.95	AV	360.00	100	Vertical	Pass

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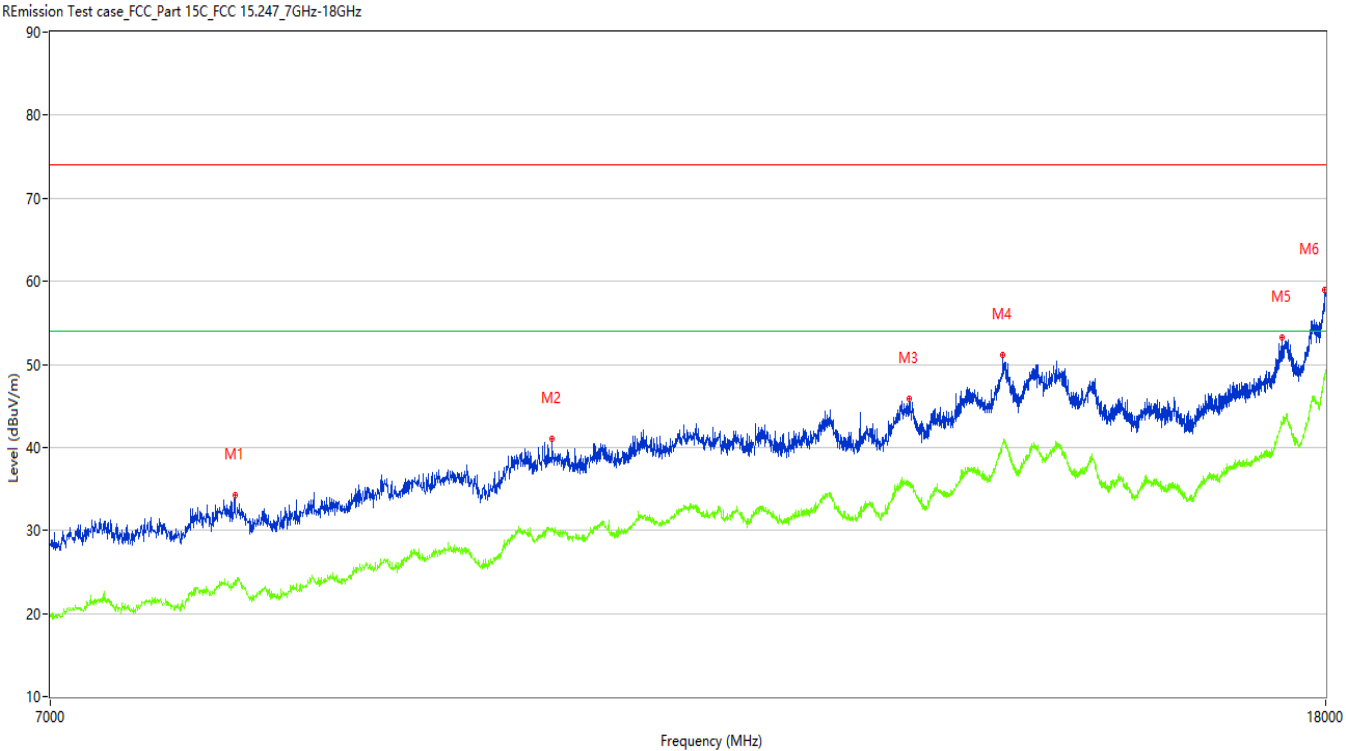
Figure 58: Radiated Emission, BLE-2M, 2402MHz_7GHz_18GHz
Horizontal polarization



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7951.500	35.00	3.38	74.0	39.00	Peak	159.00	100	Horizontal	Pass
1**	7951.500	23.26	3.38	54.0	30.74	AV	159.00	100	Horizontal	Pass
2	9400.750	37.52	7.65	74.0	36.48	Peak	0.00	100	Horizontal	Pass
2**	9400.750	27.80	7.65	54.0	26.20	AV	0.00	100	Horizontal	Pass
3	11468.750	43.45	11.78	74.0	30.55	Peak	253.90	100	Horizontal	Pass
3**	11468.750	32.37	11.78	54.0	21.63	AV	253.90	100	Horizontal	Pass
4	14191.250	50.63	19.69	74.0	23.37	Peak	0.00	100	Horizontal	Pass
4**	14191.250	40.84	19.69	54.0	13.16	AV	0.00	100	Horizontal	Pass
5	17452.751	53.37	20.93	74.0	20.63	Peak	0.00	100	Horizontal	Pass
5**	17452.751	43.36	20.93	54.0	10.64	AV	0.00	100	Horizontal	Pass
6	17997.251	58.45	27.75	74.0	15.55	Peak	29.80	100	Horizontal	Pass
6**	17997.251	49.40	27.75	54.0	4.60	AV	29.80	100	Horizontal	Pass

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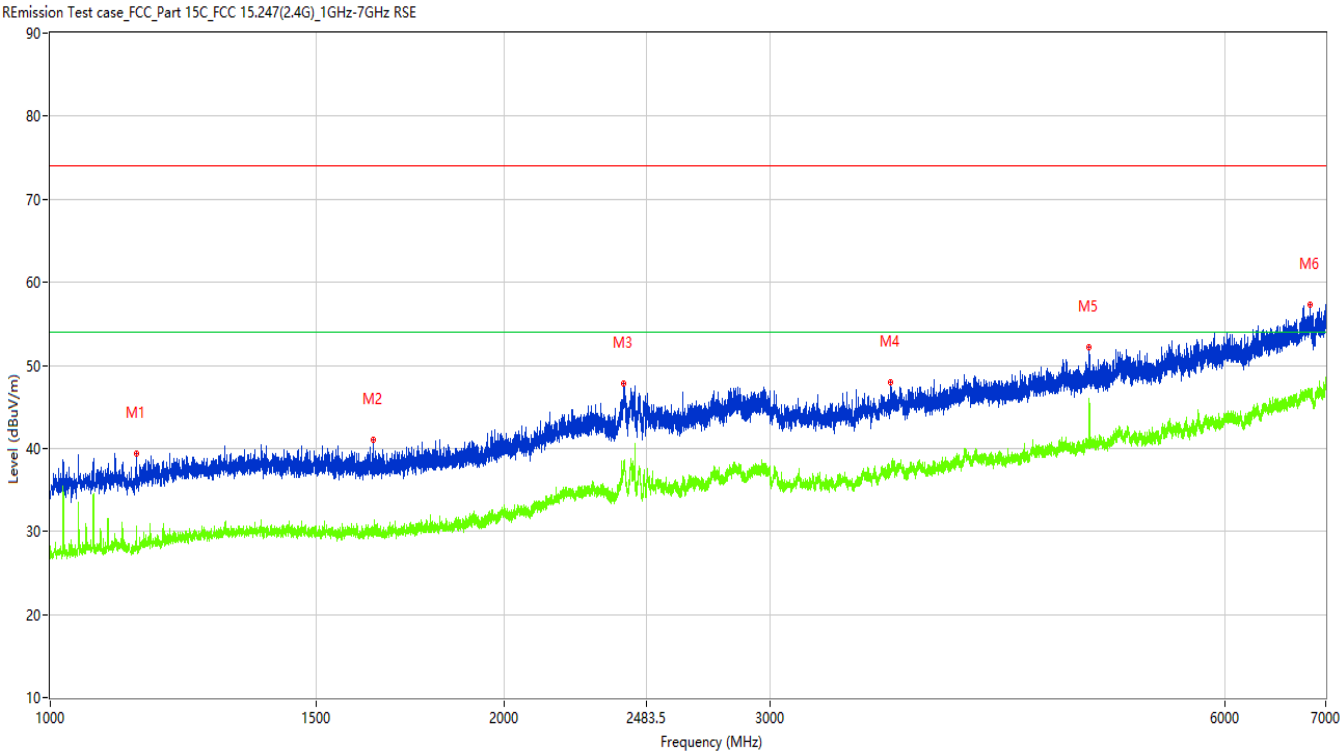
Vertical polarization



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	8025.750	34.27	4.26	74.0	39.73	Peak	97.20	100	Vertical	Pass
1**	8025.750	23.96	4.26	54.0	30.04	AV	97.20	100	Vertical	Pass
2	10148.750	41.08	9.25	74.0	32.92	Peak	0.00	100	Vertical	Pass
2**	10148.750	30.34	9.25	54.0	23.66	AV	0.00	100	Vertical	Pass
3	13223.250	45.79	14.16	74.0	28.21	Peak	360.00	100	Vertical	Pass
3**	13223.250	35.61	14.16	54.0	18.39	AV	360.00	100	Vertical	Pass
4	14174.750	51.12	19.34	74.0	22.88	Peak	212.10	100	Vertical	Pass
4**	14174.750	40.54	19.34	54.0	13.46	AV	212.10	100	Vertical	Pass
5	17433.500	53.28	20.56	74.0	20.72	Peak	97.20	100	Vertical	Pass
5**	17433.500	42.67	20.56	54.0	11.33	AV	97.20	100	Vertical	Pass
6	17991.750	58.93	27.41	74.0	15.07	Peak	343.40	100	Vertical	Pass
6**	17991.750	48.85	27.41	54.0	5.15	AV	343.40	100	Vertical	Pass

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Figure 59: Radiated Emission, BLE-2M, 2440MHz_1GHz_7GHz
Horizontal polarization



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1139.750	39.41	-14.22	74.0	34.59	Peak	95.30	100	Horizontal	Pass
1**	1139.750	29.39	-14.22	54.0	24.61	AV	95.30	100	Horizontal	Pass
2	1636.250	40.99	-12.97	74.0	33.01	Peak	360.00	100	Horizontal	Pass
2**	1636.250	30.24	-12.97	54.0	23.76	AV	360.00	100	Horizontal	Pass
3	2398.500	47.75	-4.36	74.0	26.25	Peak	300.70	100	Horizontal	Pass
3**	2398.500	37.44	-4.36	54.0	16.56	AV	300.70	100	Horizontal	Pass
4	3605.500	47.98	-2.07	74.0	26.02	Peak	113.70	100	Horizontal	Pass
4**	3605.500	37.54	-2.07	54.0	16.46	AV	113.70	100	Horizontal	Pass
5	4880.500	52.13	0.06	74.0	21.87	Peak	304.20	100	Horizontal	Pass
5**	4880.500	45.96	0.06	54.0	8.04	AV	304.20	100	Horizontal	Pass
6	6830.500	57.29	5.09	74.0	16.71	Peak	272.60	100	Horizontal	Pass
6**	6830.500	46.24	5.09	54.0	7.76	AV	272.60	100	Horizontal	Pass

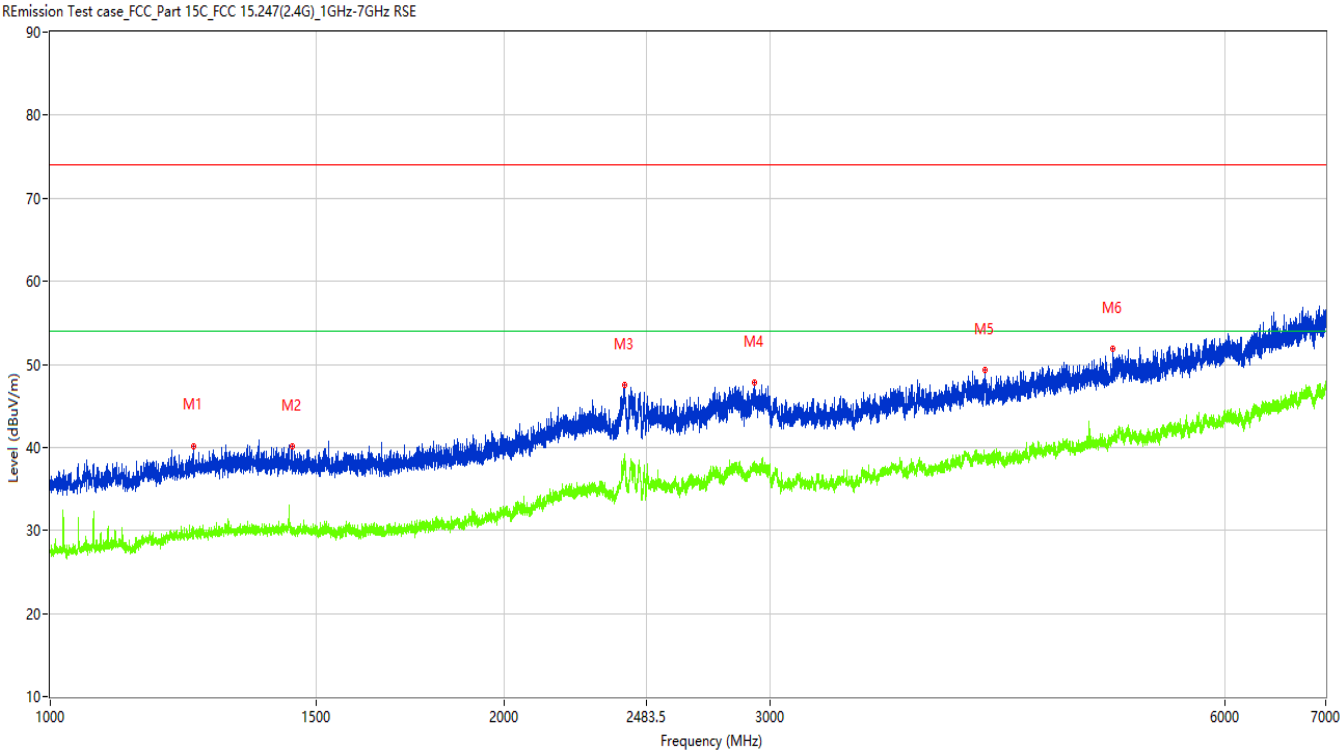
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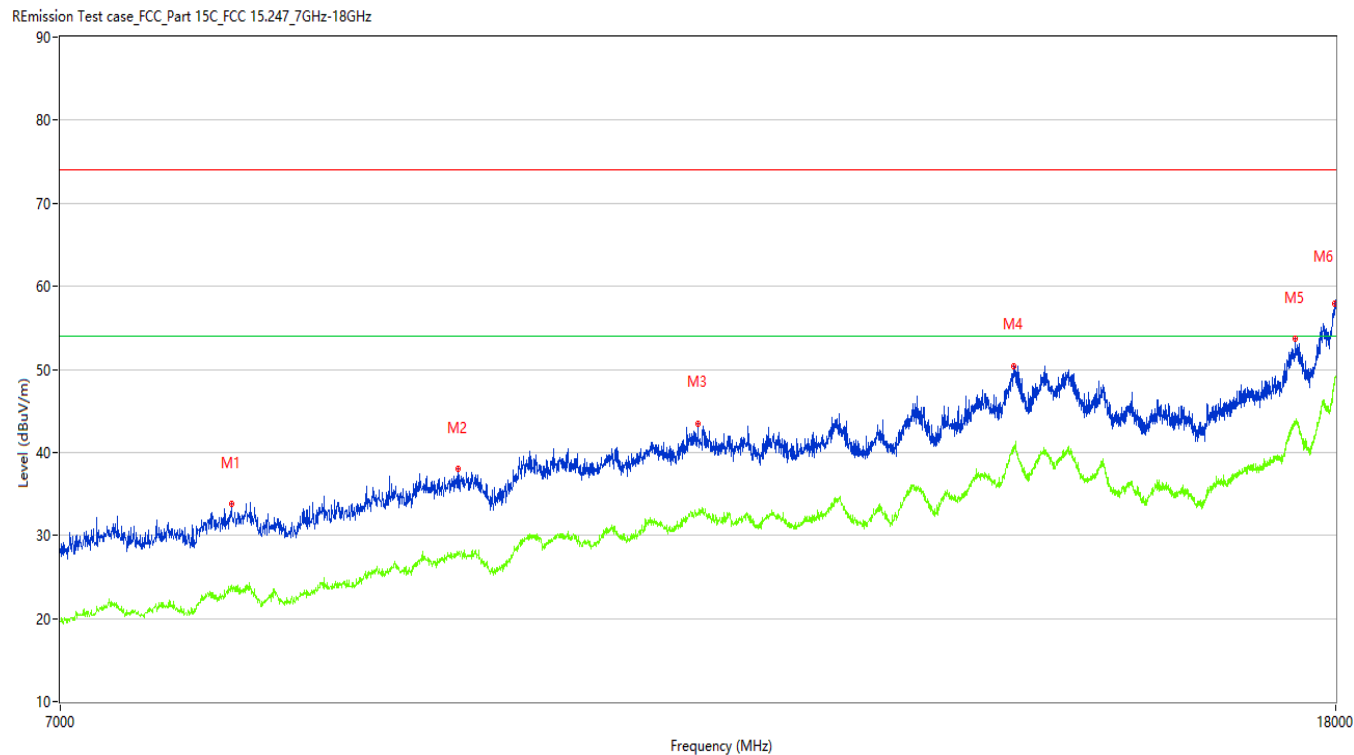
Vertical polarization



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1244.500	40.09	-13.19	74.0	33.91	Peak	281.00	100	Vertical	Pass
1**	1244.500	29.23	-13.19	54.0	24.77	AV	281.00	100	Vertical	Pass
2	1447.250	40.09	-12.82	74.0	33.91	Peak	47.60	100	Vertical	Pass
2**	1447.250	30.02	-12.82	54.0	23.98	AV	47.60	100	Vertical	Pass
3	2401.750	47.49	-4.44	74.0	26.51	Peak	93.80	100	Vertical	Pass
3**	2401.750	38.44	-4.44	54.0	15.56	AV	93.80	100	Vertical	Pass
4	2930.000	47.76	-4.31	74.0	26.24	Peak	297.00	100	Vertical	Pass
4**	2930.000	37.13	-4.31	54.0	16.87	AV	297.00	100	Vertical	Pass
5	4159.500	49.33	-1.35	74.0	24.67	Peak	307.60	100	Vertical	Pass
5**	4159.500	38.96	-1.35	54.0	15.04	AV	307.60	100	Vertical	Pass
6	5056.000	51.88	0.55	74.0	22.12	Peak	243.20	100	Vertical	Pass
6**	5056.000	40.82	0.55	54.0	13.18	AV	243.20	100	Vertical	Pass

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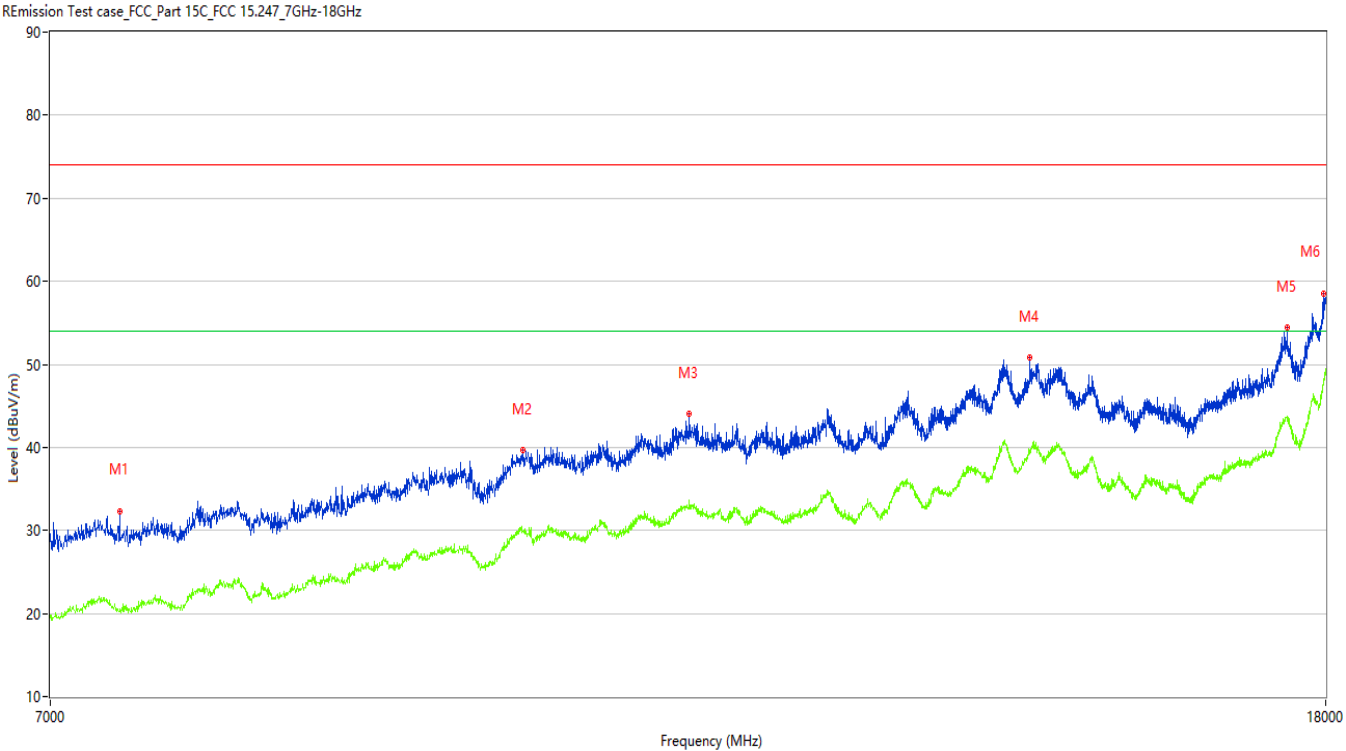
Figure 60: Radiated Emission, BLE-2M, 2440MHz_7GHz_18GHz
Horizontal polarization



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7946.000	33.79	3.33	74.0	40.21	Peak	358.10	100	Horizontal	Pass
1**	7946.000	24.02	3.33	54.0	29.98	AV	358.10	100	Horizontal	Pass
2	9395.250	37.99	7.66	74.0	36.01	Peak	360.00	100	Horizontal	Pass
2**	9395.250	27.78	7.66	54.0	26.22	AV	360.00	100	Horizontal	Pass
3	11224.001	43.51	11.54	74.0	30.49	Peak	69.60	100	Horizontal	Pass
3**	11224.001	32.72	11.54	54.0	21.28	AV	69.60	100	Horizontal	Pass
4	14183.000	50.41	19.60	74.0	23.59	Peak	181.60	100	Horizontal	Pass
4**	14183.000	40.66	19.60	54.0	13.34	AV	181.60	100	Horizontal	Pass
5	17469.250	53.68	21.24	74.0	20.32	Peak	102.40	100	Horizontal	Pass
5**	17469.250	43.52	21.24	54.0	10.48	AV	102.40	100	Horizontal	Pass
6	17991.750	57.89	27.41	74.0	16.11	Peak	197.60	100	Horizontal	Pass
6**	17991.750	48.95	27.41	54.0	5.05	AV	197.60	100	Horizontal	Pass

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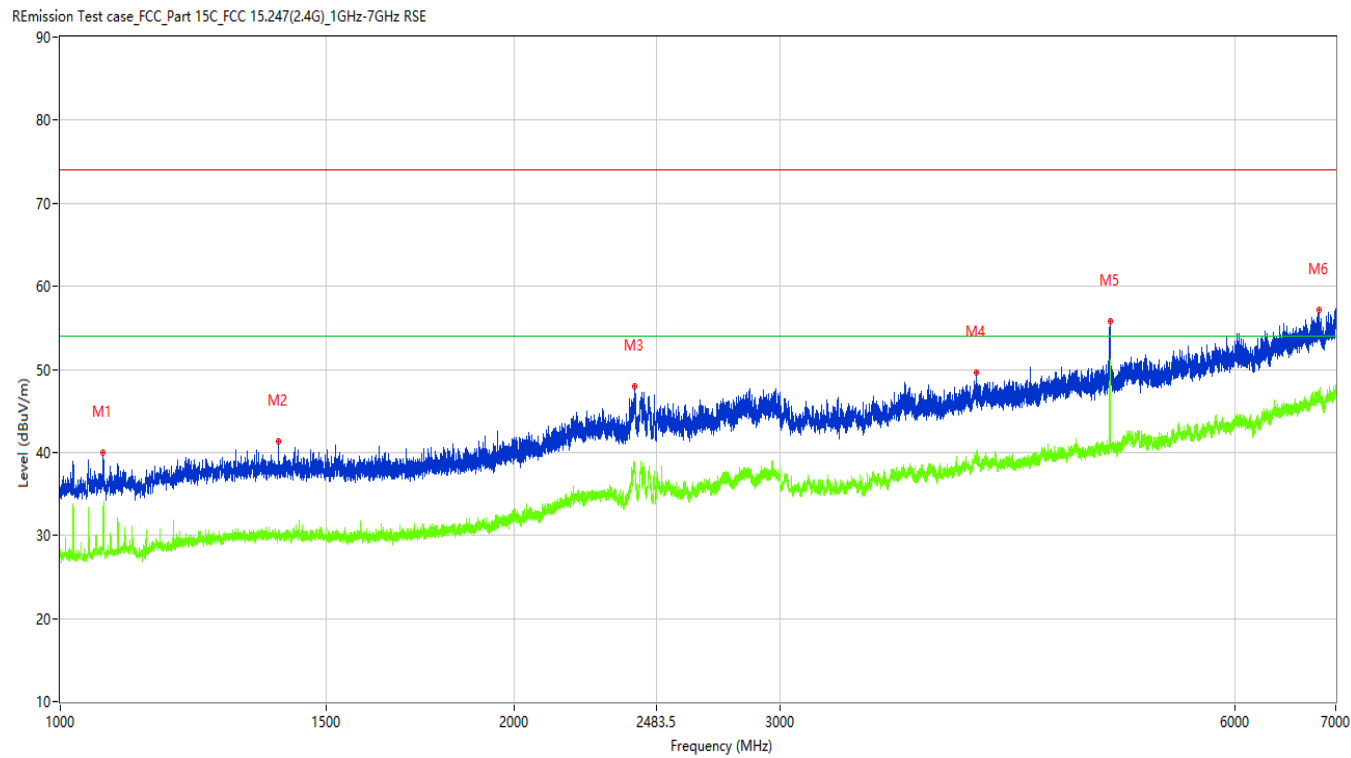
Vertical polarization



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7368.500	32.24	1.64	74.0	41.76	Peak	22.80	100	Vertical	Pass
1**	7368.500	20.29	1.64	54.0	33.71	AV	22.80	100	Vertical	Pass
2	9931.500	39.67	9.82	74.0	34.33	Peak	199.50	100	Vertical	Pass
2**	9931.500	29.93	9.82	54.0	24.07	AV	199.50	100	Vertical	Pass
3	11237.750	43.99	11.73	74.0	30.01	Peak	167.90	100	Vertical	Pass
3**	11237.750	33.60	11.73	54.0	20.40	AV	167.90	100	Vertical	Pass
4	14455.250	50.80	17.65	74.0	23.20	Peak	327.20	100	Vertical	Pass
4**	14455.250	39.35	17.65	54.0	14.65	AV	327.20	100	Vertical	Pass
5	17496.750	54.48	21.27	74.0	19.52	Peak	250.90	100	Vertical	Pass
5**	17496.750	43.40	21.27	54.0	10.60	AV	250.90	100	Vertical	Pass
6	17969.750	58.53	26.06	74.0	15.47	Peak	282.90	100	Vertical	Pass
6**	17969.750	47.56	26.06	54.0	6.44	AV	282.90	100	Vertical	Pass

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Figure 61: Radiated Emission, BLE-2M, 2480MHz_1GHz_7GHz
Horizontal polarization



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1067.750	39.97	-14.29	74.0	34.03	Peak	174.50	100	Horizontal	Pass
1**	1067.750	32.97	-14.29	54.0	21.03	AV	174.50	100	Horizontal	Pass
2	1395.250	41.31	-12.75	74.0	32.69	Peak	190.50	100	Horizontal	Pass
2**	1395.250	30.07	-12.75	54.0	23.93	AV	190.50	100	Horizontal	Pass
3	2400.500	47.97	-4.42	74.0	26.03	Peak	142.90	100	Horizontal	Pass
3**	2400.500	38.66	-4.42	54.0	15.34	AV	142.90	100	Horizontal	Pass
4	4048.000	49.64	-0.84	74.0	24.36	Peak	272.60	100	Horizontal	Pass
4**	4048.000	38.95	-0.84	54.0	15.05	AV	272.60	100	Horizontal	Pass
5	4961.000	55.83	0.22	74.0	18.17	Peak	130.10	100	Horizontal	Pass
5**	4961.000	51.15	0.22	54.0	2.85	AV	130.10	100	Horizontal	Pass
6	6820.500	57.14	5.11	74.0	16.86	Peak	0.00	100	Horizontal	Pass
6**	6820.500	46.46	5.11	54.0	7.54	AV	0.00	100	Horizontal	Pass

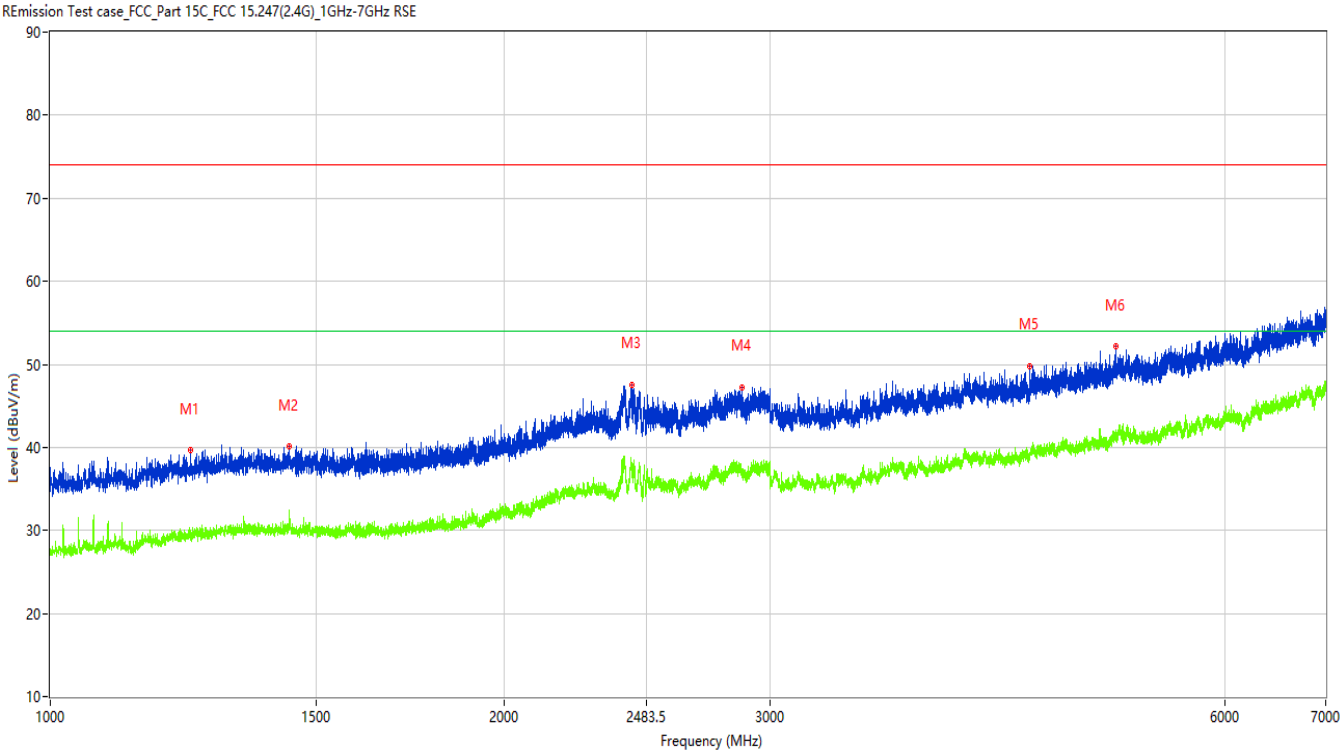
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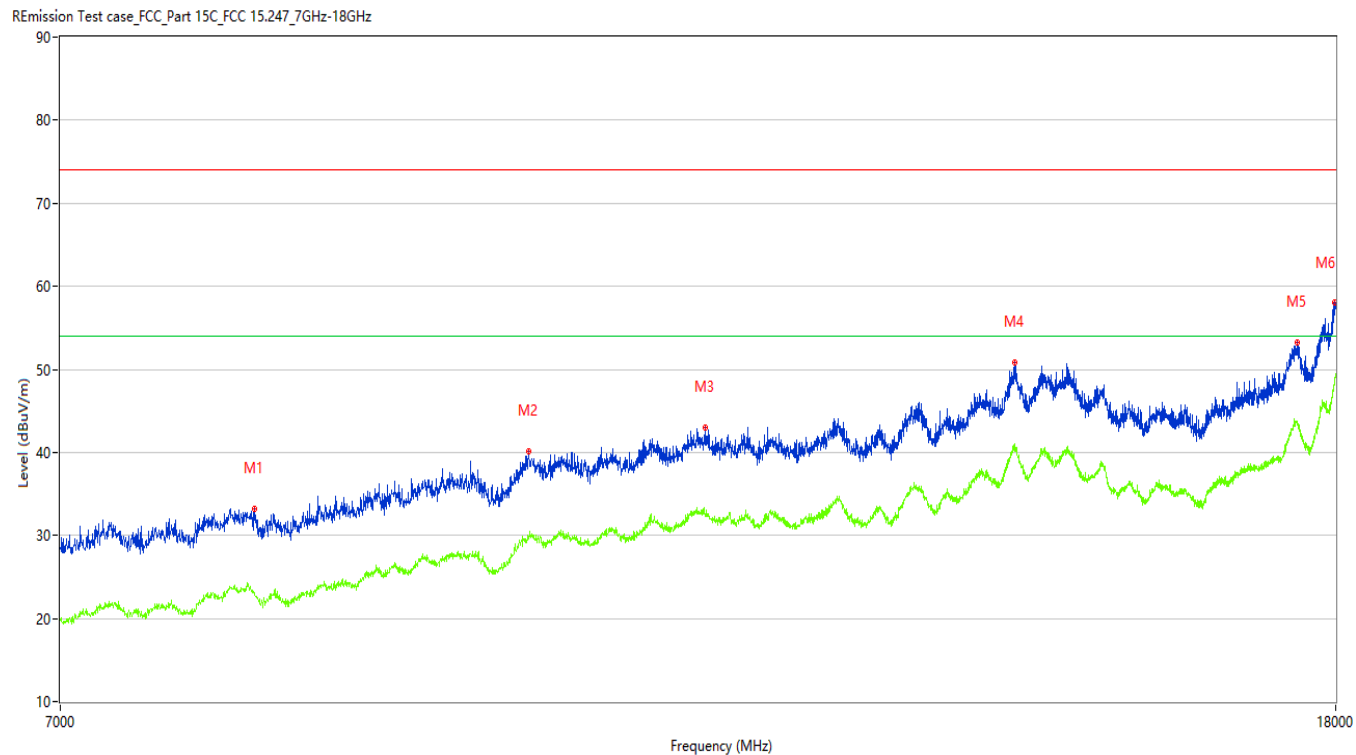
Vertical polarization



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1239.250	39.69	-13.19	74.0	34.31	Peak	125.10	100	Vertical	Pass
1**	1239.250	30.09	-13.19	54.0	23.91	AV	125.10	100	Vertical	Pass
2	1438.750	40.16	-12.71	74.0	33.84	Peak	233.80	100	Vertical	Pass
2**	1438.750	30.07	-12.71	54.0	23.93	AV	233.80	100	Vertical	Pass
3	2428.000	47.59	-4.92	74.0	26.41	Peak	204.40	100	Vertical	Pass
3**	2428.000	38.15	-4.92	54.0	15.85	AV	204.40	100	Vertical	Pass
4	2872.000	47.27	-3.80	74.0	26.73	Peak	312.30	100	Vertical	Pass
4**	2872.000	37.04	-3.80	54.0	16.96	AV	312.30	100	Vertical	Pass
5	4457.500	49.83	-0.87	74.0	24.17	Peak	343.30	100	Vertical	Pass
5**	4457.500	39.13	-0.87	54.0	14.87	AV	343.30	100	Vertical	Pass
6	5083.000	52.12	1.18	74.0	21.88	Peak	230.20	100	Vertical	Pass
6**	5083.000	41.15	1.18	54.0	12.85	AV	230.20	100	Vertical	Pass

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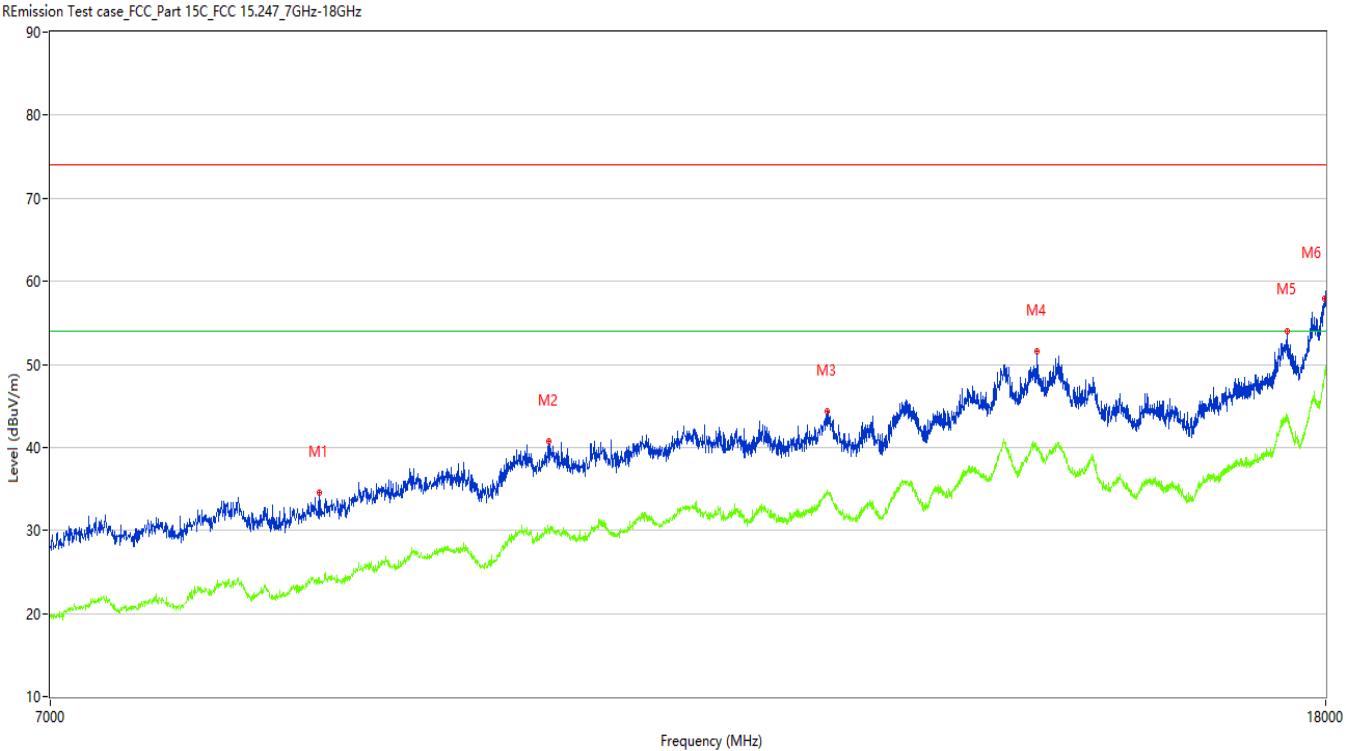
Figure 62: Radiated Emission, BLE-2M, 2480MHz_7GHz_18GHz
Horizontal polarization



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	8083.500	33.21	3.80	74.0	40.79	Peak	20.50	100	Horizontal	Pass
1**	8083.500	22.76	3.80	54.0	31.24	AV	20.50	100	Horizontal	Pass
2	9904.000	40.11	9.76	74.0	33.89	Peak	341.30	100	Horizontal	Pass
2**	9904.000	29.64	9.76	54.0	24.36	AV	341.30	100	Horizontal	Pass
3	11284.500	43.01	12.34	74.0	30.99	Peak	230.00	100	Horizontal	Pass
3**	11284.500	32.56	12.34	54.0	21.44	AV	230.00	100	Horizontal	Pass
4	14194.000	50.86	19.63	74.0	23.14	Peak	3.80	100	Horizontal	Pass
4**	14194.000	40.20	19.63	54.0	13.80	AV	3.80	100	Horizontal	Pass
5	17491.249	53.18	21.40	74.0	20.82	Peak	52.50	100	Horizontal	Pass
5**	17491.249	43.69	21.40	54.0	10.31	AV	52.50	100	Horizontal	Pass
6	17983.500	58.00	26.90	74.0	16.00	Peak	260.20	100	Horizontal	Pass
6**	17983.500	48.48	26.90	54.0	5.52	AV	260.20	100	Horizontal	Pass

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Vertical polarization



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	8540.000	34.51	3.89	74.0	39.49	Peak	147.40	100	Vertical	Pass
1**	8540.000	23.65	3.89	54.0	30.35	AV	147.40	100	Vertical	Pass
2	10124.000	40.77	9.46	74.0	33.23	Peak	48.40	100	Vertical	Pass
2**	10124.000	29.80	9.46	54.0	24.20	AV	48.40	100	Vertical	Pass
3	12439.500	44.33	12.45	74.0	29.67	Peak	64.10	100	Vertical	Pass
3**	12439.500	34.67	12.45	54.0	19.33	AV	64.10	100	Vertical	Pass
4	14537.750	51.58	17.42	74.0	22.42	Peak	64.10	100	Vertical	Pass
4**	14537.750	40.02	17.42	54.0	13.98	AV	64.10	100	Vertical	Pass
5	17496.750	54.03	21.27	74.0	19.97	Peak	163.70	100	Vertical	Pass
5**	17496.750	43.42	21.27	54.0	10.58	AV	163.70	100	Vertical	Pass
6	17983.500	57.97	26.90	74.0	16.03	Peak	360.00	100	Vertical	Pass
6**	17983.500	48.20	26.90	54.0	5.80	AV	360.00	100	Vertical	Pass

TEST REPORT

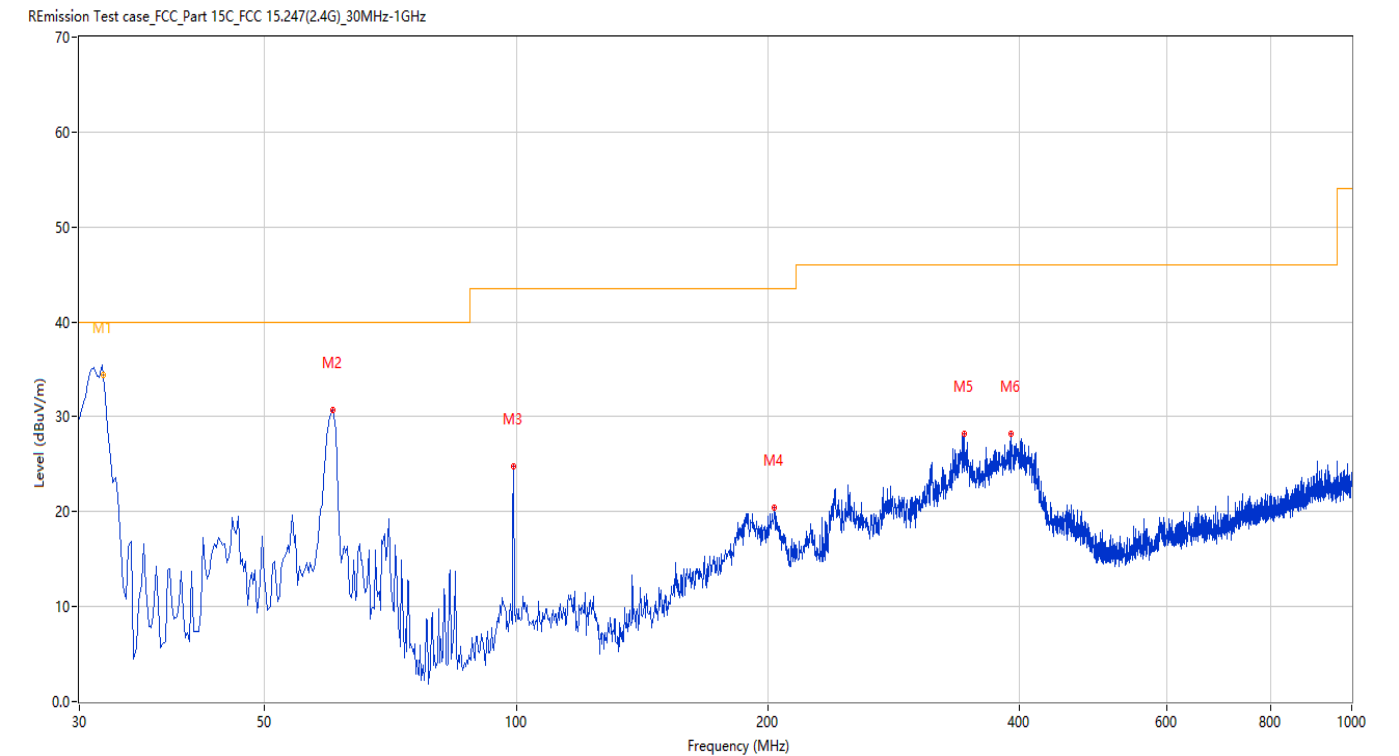
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Model: EH-MC25B

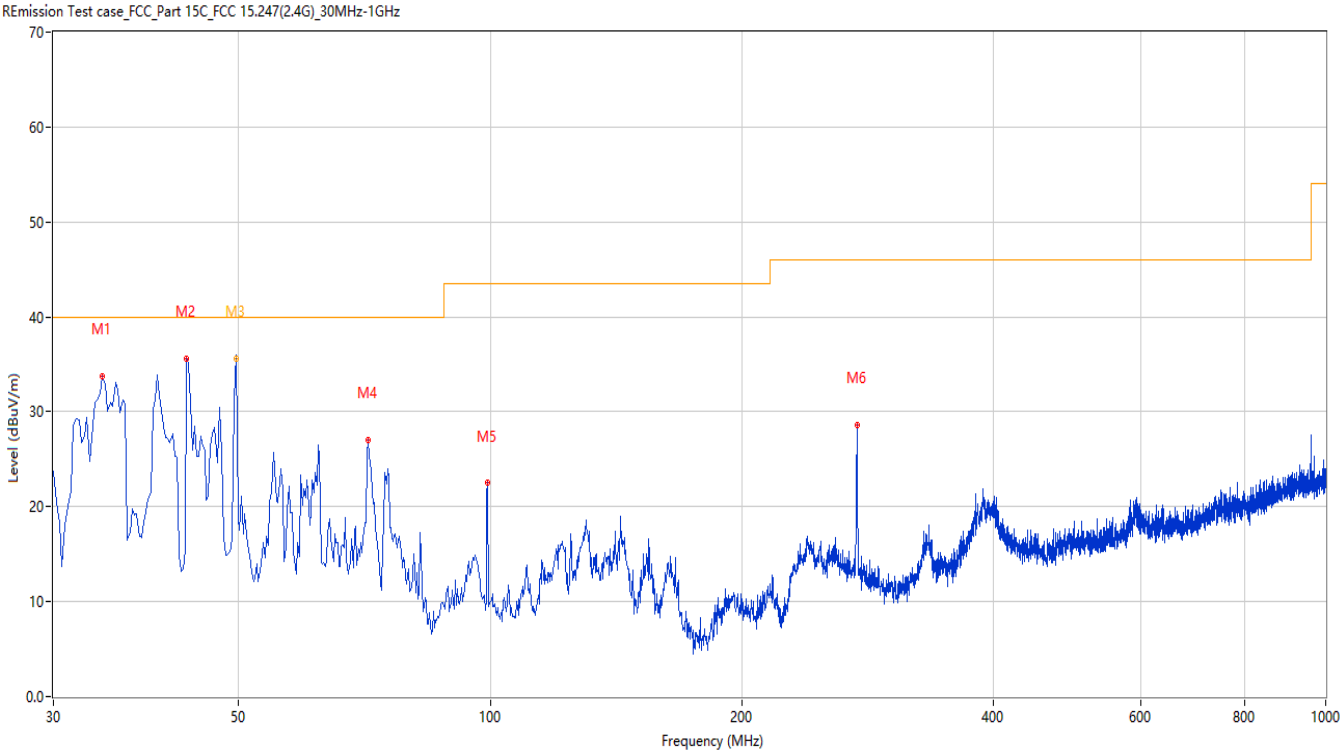
Figure 63: Radiated Emission, BLE-1M, 2402MHz_30MHz_1GHz
Horizontal polarization



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	32.054	38.73	-29.17	40.0	1.27	Peak	142.40	137	Horizontal	Pass
1*	32.054	34.37	-29.17	40.0	5.63	QP	142.40	137	Horizontal	Pass
2	60.305	30.69	-26.36	40.0	9.31	Peak	68.90	100	Horizontal	Pass
3	99.338	24.81	-26.69	43.5	18.69	Peak	259.80	100	Horizontal	Pass
4	203.587	20.44	-26.60	43.5	23.06	Peak	246.50	100	Horizontal	Pass
5	343.717	28.21	-21.91	46.0	17.79	Peak	270.30	100	Horizontal	Pass
6	391.477	28.21	-21.16	46.0	17.79	Peak	245.60	100	Horizontal	Pass

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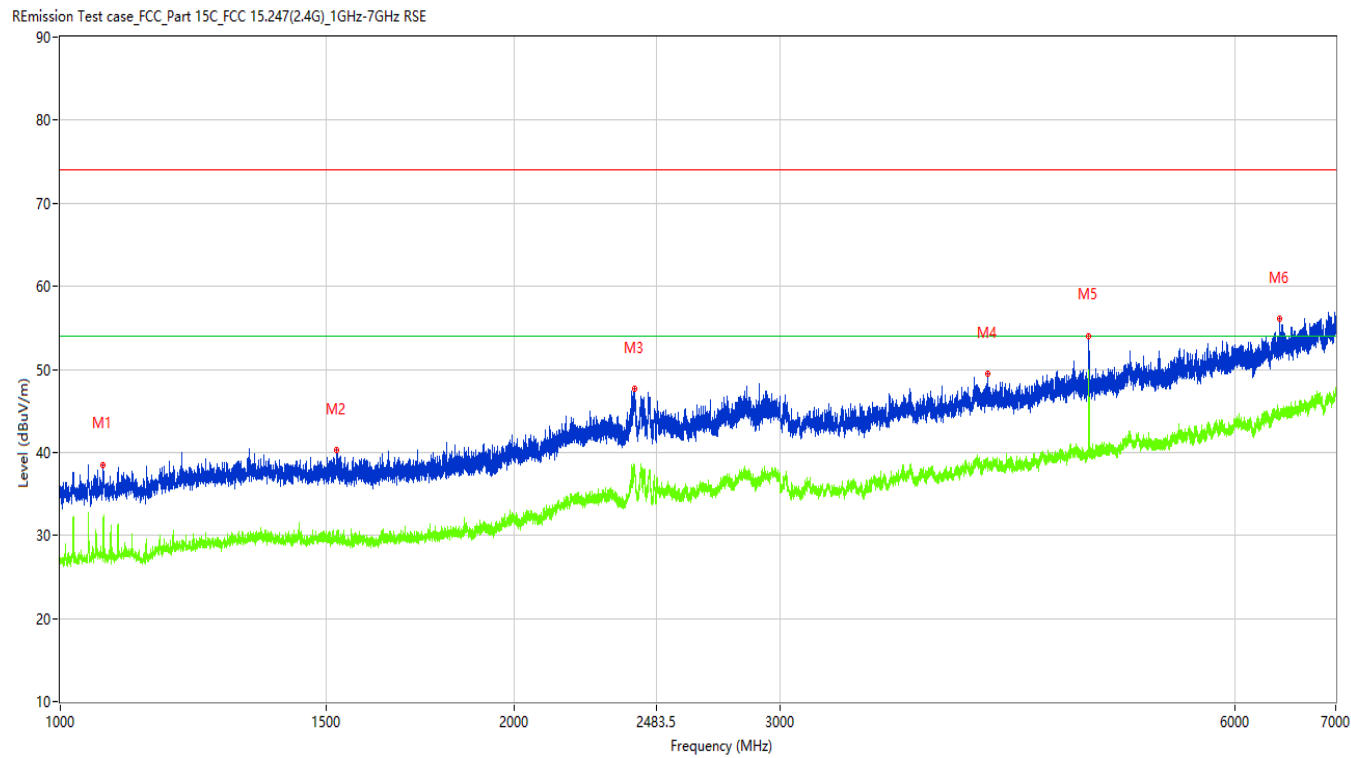
Vertical polarization



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	34.364	33.81	-28.28	40.0	6.19	Peak	290.70	100	Vertical	Pass
2	43.334	35.65	-25.44	40.0	4.35	Peak	325.70	100	Vertical	Pass
3*	49.696	35.56	-25.03	40.0	4.44	QP	2.10	104	Vertical	Pass
4	71.457	27.05	-29.92	40.0	12.95	Peak	159.70	100	Vertical	Pass
5	99.338	22.49	-26.69	43.5	21.01	Peak	359.80	100	Vertical	Pass
6	274.621	28.65	-24.41	46.0	17.35	Peak	205.20	100	Vertical	Pass

TEST REPORT

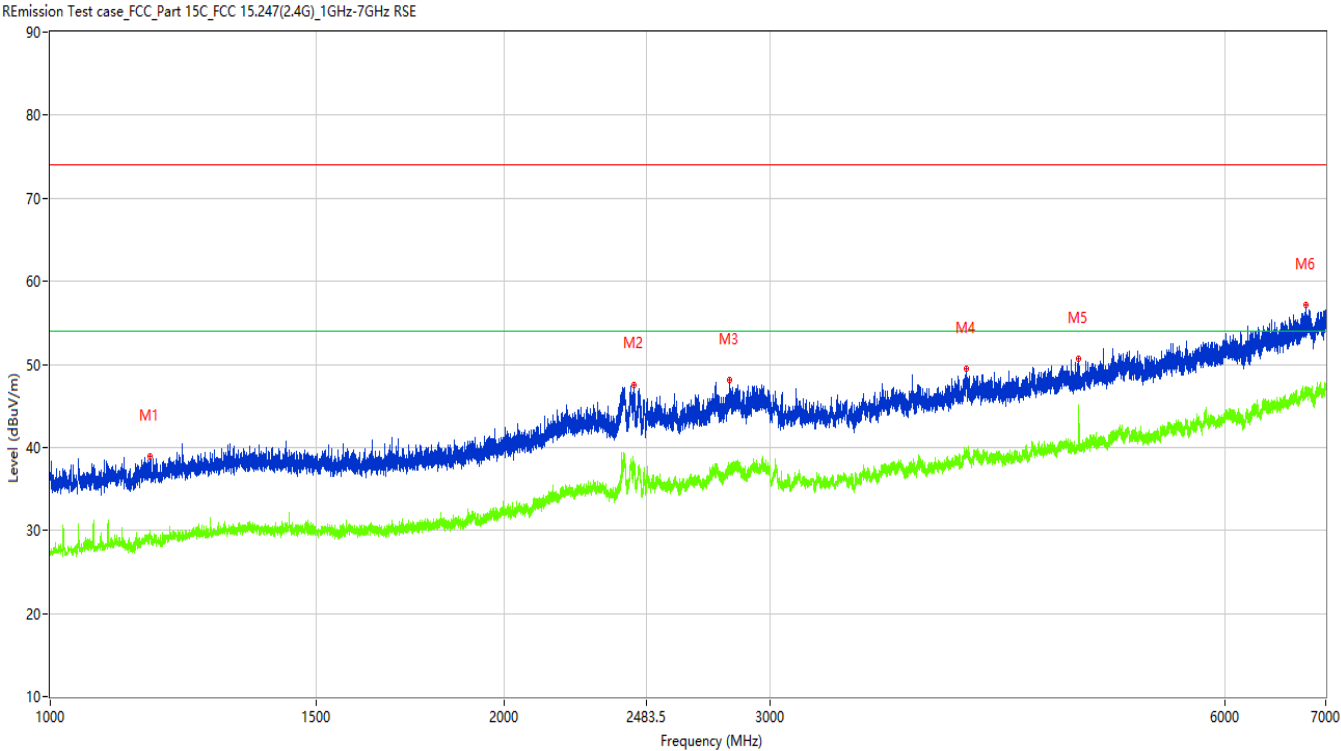
Figure 64: Radiated Emission, BLE-1M, 2402MHz_1GHz_7GHz
Horizontal polarization



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1067.750	38.47	-14.29	74.0	35.53	Peak	91.20	100	Horizontal	Pass
1**	1067.750	31.77	-14.29	54.0	22.23	AV	91.20	100	Horizontal	Pass
2	1524.750	40.29	-13.03	74.0	33.71	Peak	1.40	100	Horizontal	Pass
2**	1524.750	29.45	-13.03	54.0	24.55	AV	1.40	100	Horizontal	Pass
3	2403.750	47.64	-4.49	74.0	26.36	Peak	44.00	100	Horizontal	Pass
3**	2403.750	37.07	-4.49	54.0	16.93	AV	44.00	100	Horizontal	Pass
4	4117.000	49.51	-1.16	74.0	24.49	Peak	280.40	100	Horizontal	Pass
4**	4117.000	37.77	-1.16	54.0	16.23	AV	280.40	100	Horizontal	Pass
5	4804.000	54.07	-0.56	74.0	19.93	Peak	137.60	100	Horizontal	Pass
5**	4804.000	49.93	-0.56	54.0	4.07	AV	137.60	100	Horizontal	Pass
6	6429.500	56.04	3.82	74.0	17.96	Peak	137.60	100	Horizontal	Pass
6**	6429.500	44.50	3.82	54.0	9.50	AV	137.60	100	Horizontal	Pass

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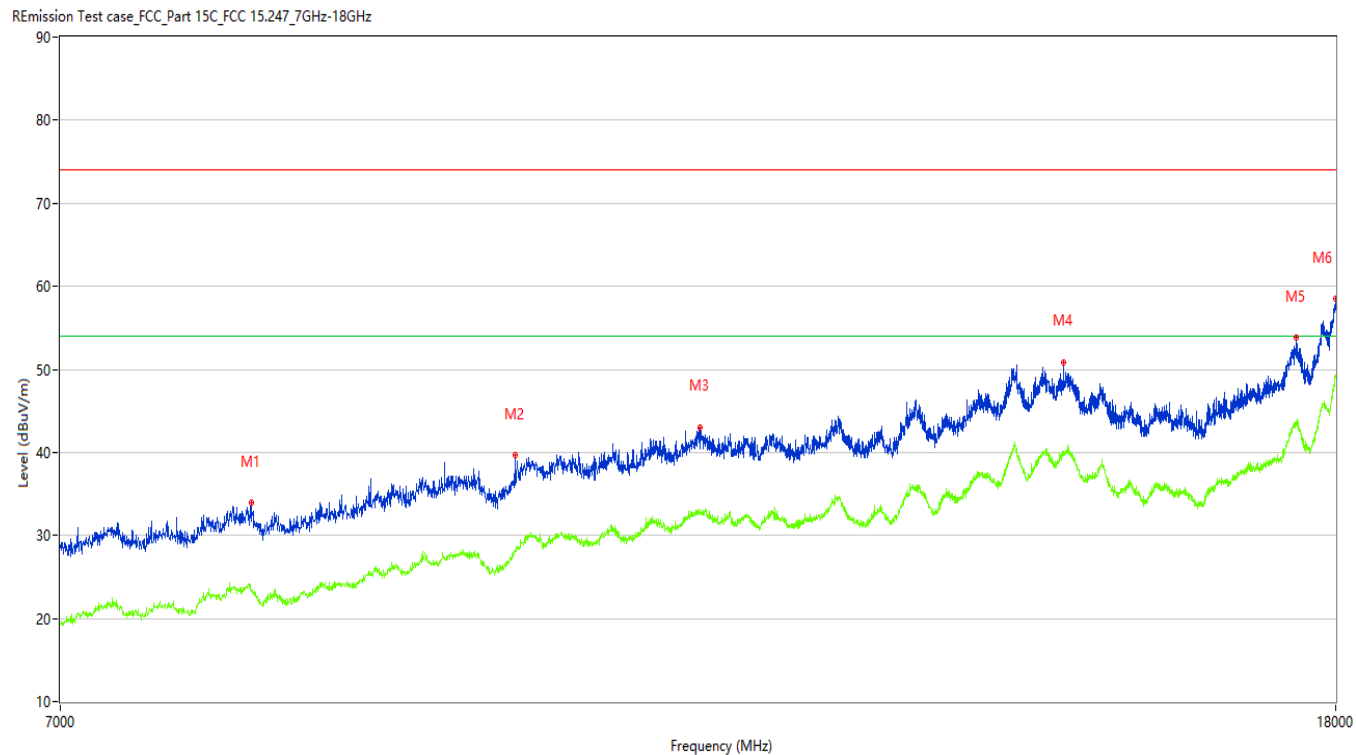
Vertical polarization



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1164.250	38.85	-13.59	74.0	35.15	Peak	189.40	100	Vertical	Pass
1**	1164.250	29.60	-13.59	54.0	24.40	AV	189.40	100	Vertical	Pass
2	2438.250	47.57	-5.12	74.0	26.43	Peak	360.00	100	Vertical	Pass
2**	2438.250	38.36	-5.12	54.0	15.64	AV	360.00	100	Vertical	Pass
3	2820.750	48.08	-4.30	74.0	25.92	Peak	252.30	100	Vertical	Pass
3**	2820.750	37.63	-4.30	54.0	16.37	AV	252.30	100	Vertical	Pass
4	4048.000	49.45	-0.84	74.0	24.55	Peak	224.60	100	Vertical	Pass
4**	4048.000	39.02	-0.84	54.0	14.98	AV	224.60	100	Vertical	Pass
5	4803.500	50.75	-0.57	74.0	23.25	Peak	359.00	100	Vertical	Pass
5**	4803.500	44.55	-0.57	54.0	9.45	AV	359.00	100	Vertical	Pass
6	6790.000	57.10	5.19	74.0	16.90	Peak	304.20	100	Vertical	Pass
6**	6790.000	47.31	5.19	54.0	6.69	AV	304.20	100	Vertical	Pass

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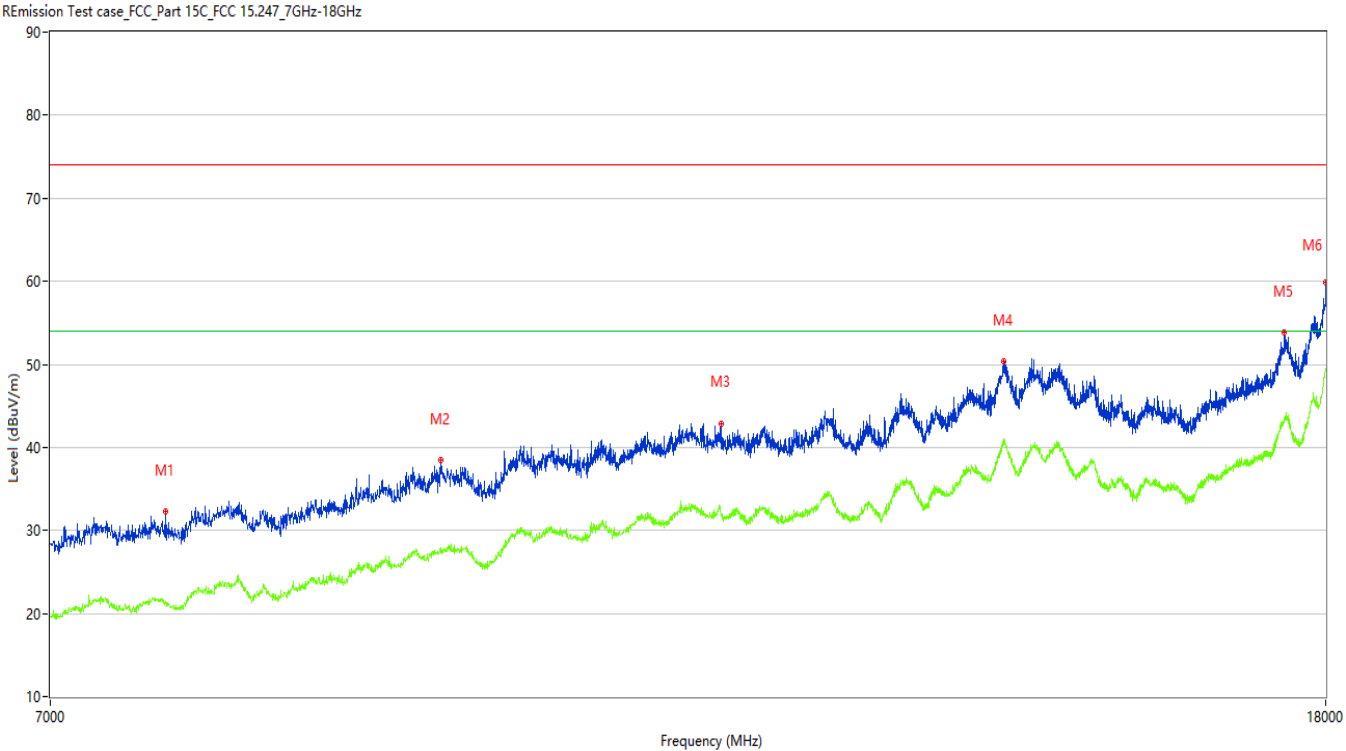
Figure 65: Radiated Emission, BLE-1M, 2402MHz_7GHz_18GHz
Horizontal polarization



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	8061.500	33.91	4.27	74.0	40.09	Peak	63.70	100	Horizontal	Pass
1**	8061.500	23.30	4.27	54.0	30.70	AV	63.70	100	Horizontal	Pass
2	9805.000	39.62	8.30	74.0	34.38	Peak	192.50	100	Horizontal	Pass
2**	9805.000	28.18	8.30	54.0	25.82	AV	192.50	100	Horizontal	Pass
3	11240.500	43.05	11.77	74.0	30.95	Peak	326.80	100	Horizontal	Pass
3**	11240.500	32.76	11.77	54.0	21.24	AV	326.80	100	Horizontal	Pass
4	14713.750	50.90	18.28	74.0	23.10	Peak	326.80	100	Horizontal	Pass
4**	14713.750	39.77	18.28	54.0	14.23	AV	326.80	100	Horizontal	Pass
5	17485.750	53.85	21.52	74.0	20.15	Peak	47.70	100	Horizontal	Pass
5**	17485.750	43.78	21.52	54.0	10.22	AV	47.70	100	Horizontal	Pass
6	17997.251	58.54	27.75	74.0	15.46	Peak	243.80	100	Horizontal	Pass
6**	17997.251	49.16	27.75	54.0	4.84	AV	243.80	100	Horizontal	Pass

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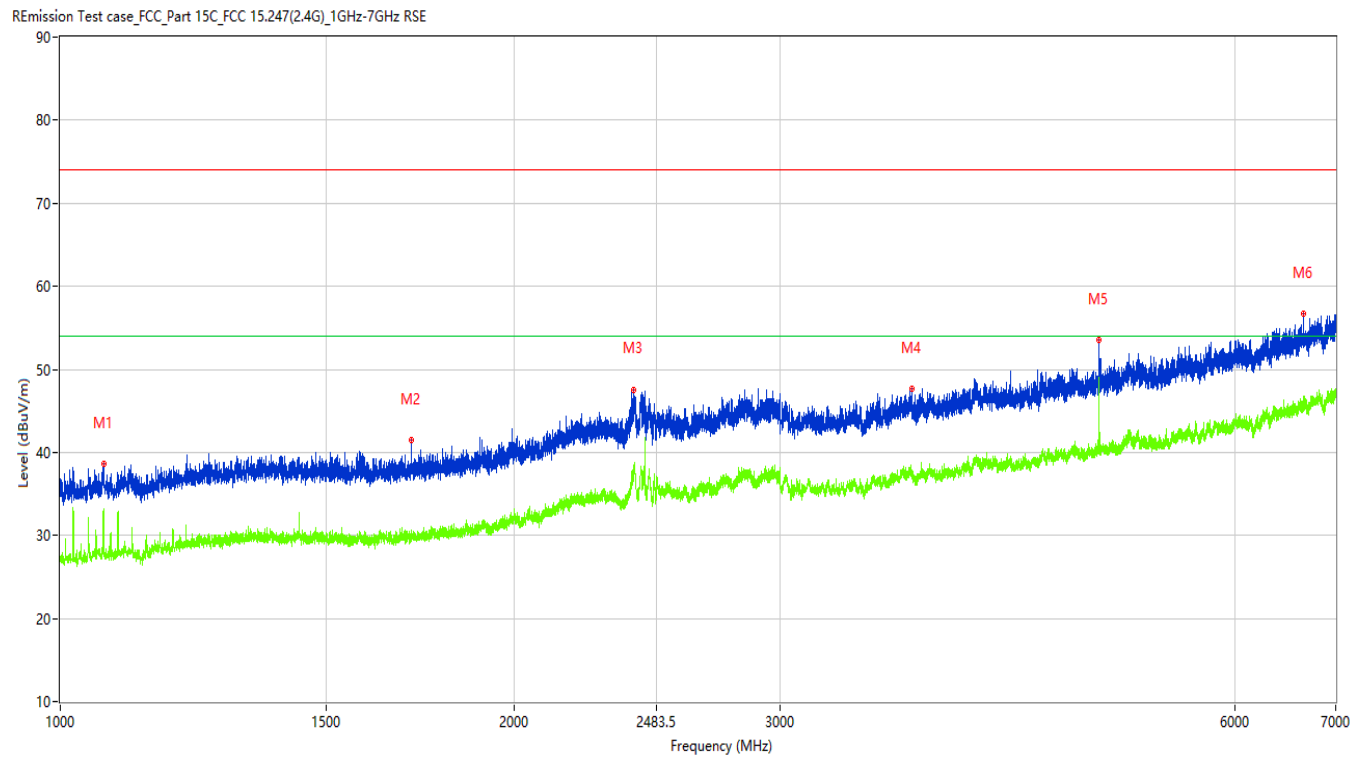
Vertical polarization



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7624.250	32.30	1.49	74.0	41.70	Peak	360.00	100	Vertical	Pass
1**	7624.250	21.45	1.49	54.0	32.55	AV	360.00	100	Vertical	Pass
2	9345.750	38.42	7.47	74.0	35.58	Peak	48.50	100	Vertical	Pass
2**	9345.750	27.97	7.47	54.0	26.03	AV	48.50	100	Vertical	Pass
3	11507.250	42.90	11.95	74.0	31.10	Peak	129.20	100	Vertical	Pass
3**	11507.250	31.75	11.95	54.0	22.25	AV	129.20	100	Vertical	Pass
4	14177.500	50.31	19.43	74.0	23.69	Peak	32.50	100	Vertical	Pass
4**	14177.500	40.41	19.43	54.0	13.59	AV	32.50	100	Vertical	Pass
5	17455.499	53.86	20.98	74.0	20.14	Peak	129.20	100	Vertical	Pass
5**	17455.499	42.94	20.98	54.0	11.06	AV	129.20	100	Vertical	Pass
6	17997.251	59.84	27.75	74.0	14.16	Peak	278.10	100	Vertical	Pass
6**	17997.251	49.35	27.75	54.0	4.65	AV	278.10	100	Vertical	Pass

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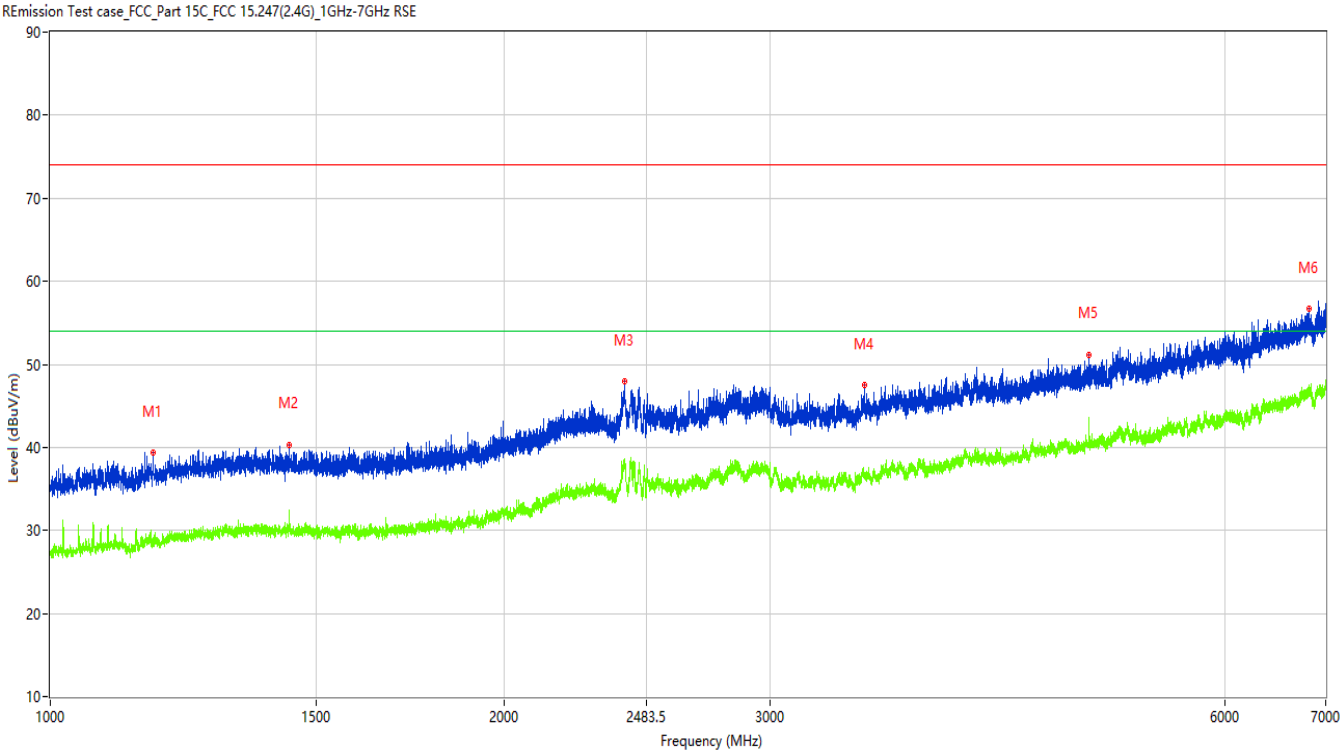
Figure 66: Radiated Emission, BLE-1M, 2440MHz_1GHz_7GHz
Horizontal polarization



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1068.000	38.56	-14.28	74.0	35.44	Peak	91.60	100	Horizontal	Pass
1**	1068.000	33.20	-14.28	54.0	20.80	AV	91.60	100	Horizontal	Pass
2	1707.500	41.41	-12.80	74.0	32.59	Peak	296.70	100	Horizontal	Pass
2**	1707.500	29.95	-12.80	54.0	24.05	AV	296.70	100	Horizontal	Pass
3	2398.750	47.59	-4.37	74.0	26.41	Peak	122.90	100	Horizontal	Pass
3**	2398.750	37.63	-4.37	54.0	16.37	AV	122.90	100	Horizontal	Pass
4	3668.500	47.63	-1.76	74.0	26.37	Peak	198.20	100	Horizontal	Pass
4**	3668.500	37.67	-1.76	54.0	16.33	AV	198.20	100	Horizontal	Pass
5	4879.500	53.57	0.06	74.0	20.43	Peak	337.30	100	Horizontal	Pass
5**	4879.500	46.91	0.06	54.0	7.09	AV	337.30	100	Horizontal	Pass
6	6669.000	56.64	4.52	74.0	17.36	Peak	7.00	100	Horizontal	Pass
6**	6669.000	45.68	4.52	54.0	8.32	AV	7.00	100	Horizontal	Pass

TEST REPORT

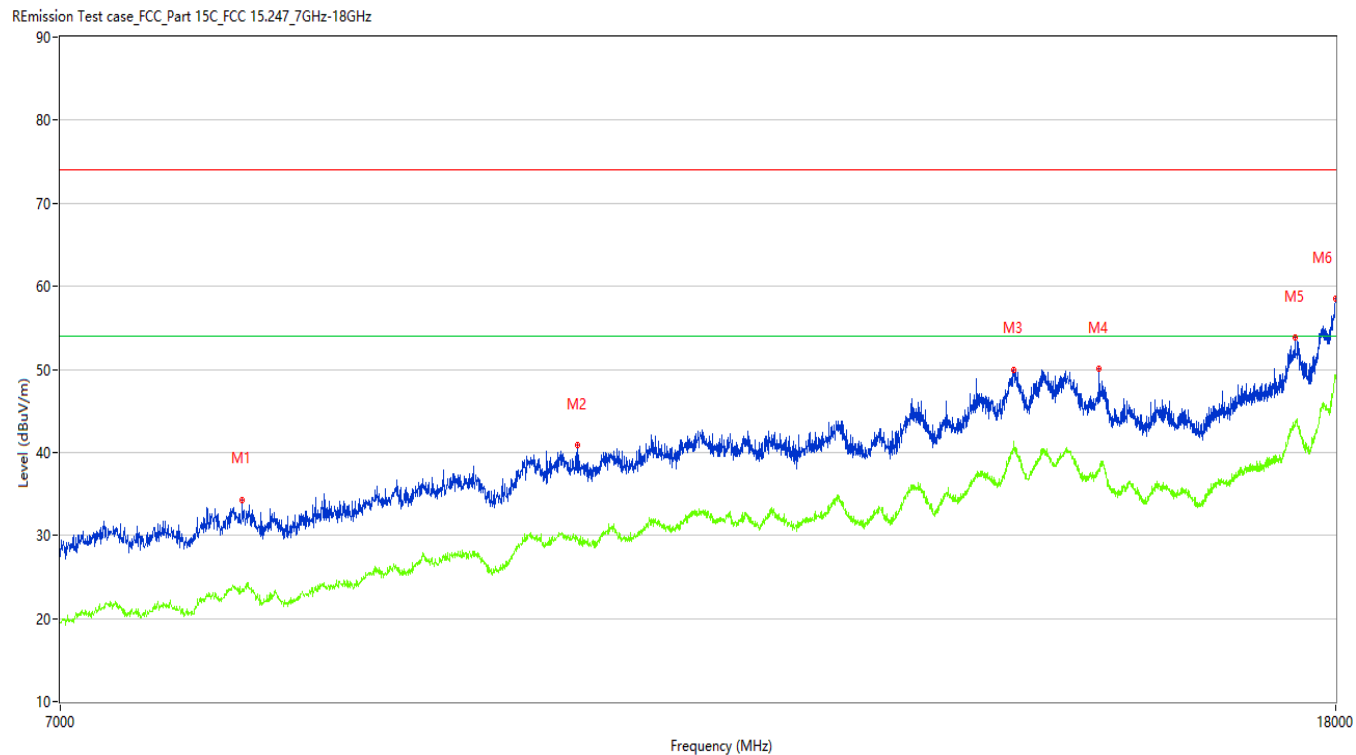
Vertical polarization



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1169.750	39.32	-13.37	74.0	34.68	Peak	157.80	100	Vertical	Pass
1**	1169.750	28.46	-13.37	54.0	25.54	AV	157.80	100	Vertical	Pass
2	1440.000	40.34	-12.73	74.0	33.66	Peak	360.00	100	Vertical	Pass
2**	1440.000	32.41	-12.73	54.0	21.59	AV	360.00	100	Vertical	Pass
3	2401.500	47.89	-4.44	74.0	26.11	Peak	190.60	100	Vertical	Pass
3**	2401.500	38.36	-4.44	54.0	15.64	AV	190.60	100	Vertical	Pass
4	3462.000	47.45	-3.92	74.0	26.55	Peak	0.00	100	Vertical	Pass
4**	3462.000	36.42	-3.92	54.0	17.58	AV	0.00	100	Vertical	Pass
5	4880.000	51.18	0.06	74.0	22.82	Peak	360.00	100	Vertical	Pass
5**	4880.000	43.58	0.06	54.0	10.42	AV	360.00	100	Vertical	Pass
6	6825.500	56.65	5.10	74.0	17.35	Peak	33.70	100	Vertical	Pass
6**	6825.500	46.23	5.10	54.0	7.77	AV	33.70	100	Vertical	Pass

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Figure 67: Radiated Emission, BLE-1M, 2440MHz_7GHz_18GHz
Horizontal polarization



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	8009.250	34.32	4.00	74.0	39.68	Peak	335.70	100	Horizontal	Pass
1**	8009.250	23.51	4.00	54.0	30.49	AV	335.70	100	Horizontal	Pass
2	10269.750	40.85	9.28	74.0	33.15	Peak	272.80	100	Horizontal	Pass
2**	10269.750	29.76	9.28	54.0	24.24	AV	272.80	100	Horizontal	Pass
3	14180.250	49.97	19.52	74.0	24.03	Peak	318.90	100	Horizontal	Pass
3**	14180.250	41.41	19.52	54.0	12.59	AV	318.90	100	Horizontal	Pass
4	15109.750	50.10	14.98	74.0	23.90	Peak	66.30	100	Horizontal	Pass
4**	15109.750	38.02	14.98	54.0	15.98	AV	66.30	100	Horizontal	Pass
5	17466.499	53.77	21.19	74.0	20.23	Peak	194.30	100	Horizontal	Pass
5**	17466.499	43.15	21.19	54.0	10.85	AV	194.30	100	Horizontal	Pass
6	17997.251	58.51	27.75	74.0	15.49	Peak	129.50	100	Horizontal	Pass
6**	17997.251	49.10	27.75	54.0	4.90	AV	129.50	100	Horizontal	Pass

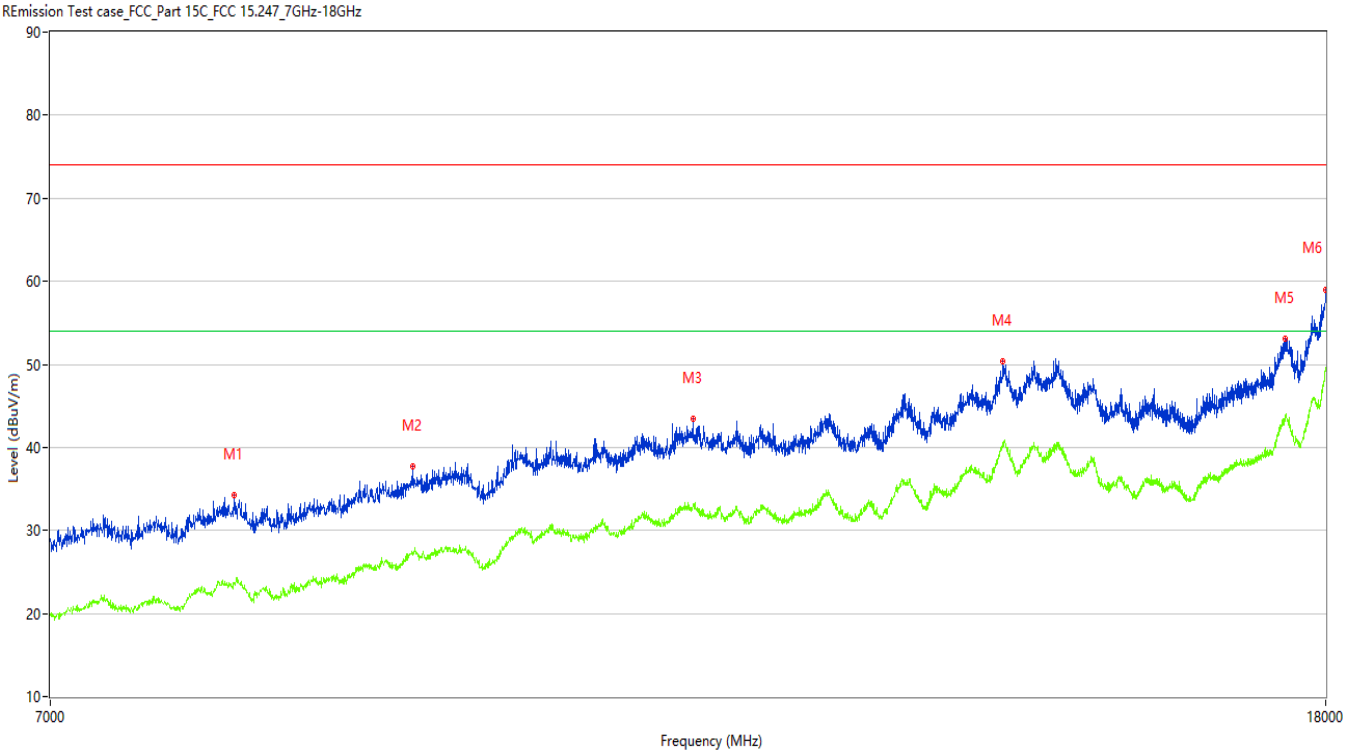
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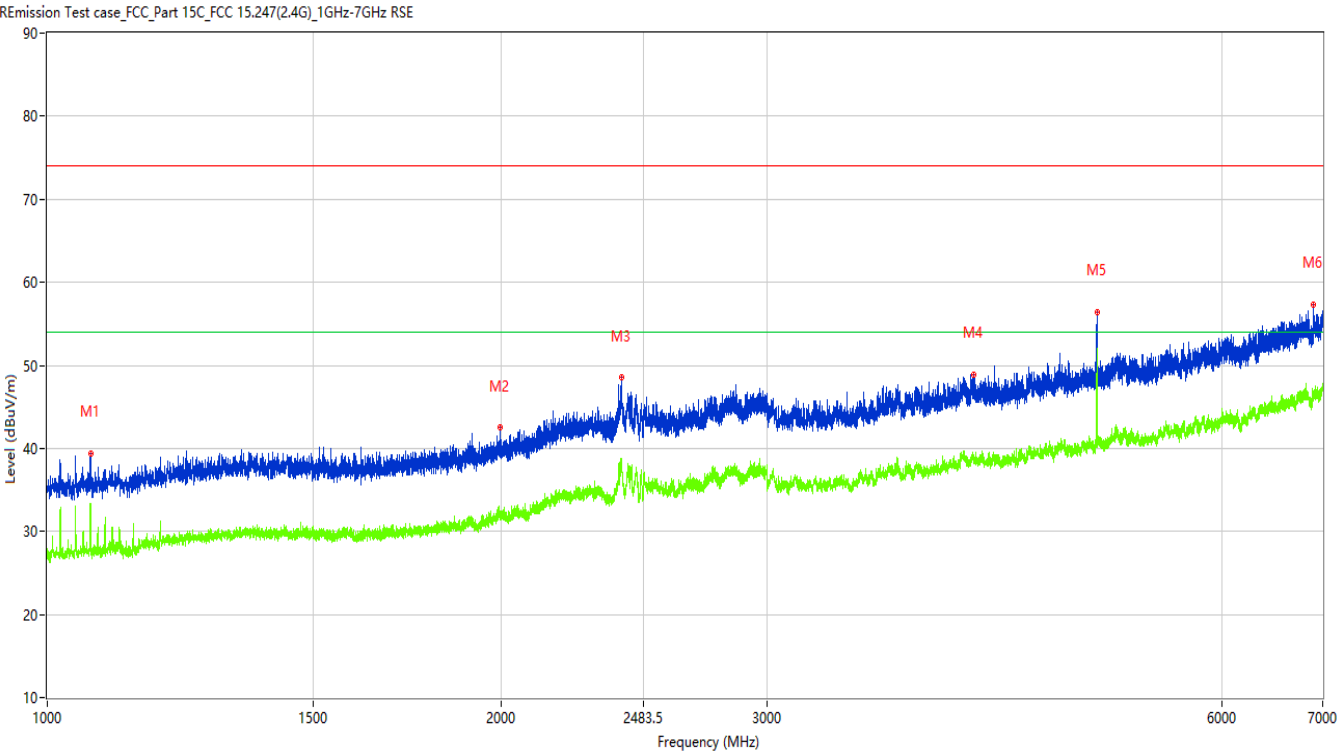
Vertical polarization



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	8023.000	34.22	4.22	74.0	39.78	Peak	67.80	100	Vertical	Pass
1**	8023.000	23.49	4.22	54.0	30.51	AV	67.80	100	Vertical	Pass
2	9153.250	37.74	7.39	74.0	36.26	Peak	293.30	100	Vertical	Pass
2**	9153.250	27.19	7.39	54.0	26.81	AV	293.30	100	Vertical	Pass
3	11265.250	43.46	12.09	74.0	30.54	Peak	0.00	100	Vertical	Pass
3**	11265.250	33.16	12.09	54.0	20.84	AV	0.00	100	Vertical	Pass
4	14174.750	50.32	19.34	74.0	23.68	Peak	34.70	100	Vertical	Pass
4**	14174.750	40.62	19.34	54.0	13.38	AV	34.70	100	Vertical	Pass
5	17469.250	53.08	21.24	74.0	20.92	Peak	262.80	100	Vertical	Pass
5**	17469.250	43.19	21.24	54.0	10.81	AV	262.80	100	Vertical	Pass
6	17997.251	59.03	27.75	74.0	14.97	Peak	246.80	100	Vertical	Pass
6**	17997.251	49.21	27.75	54.0	4.79	AV	246.80	100	Vertical	Pass

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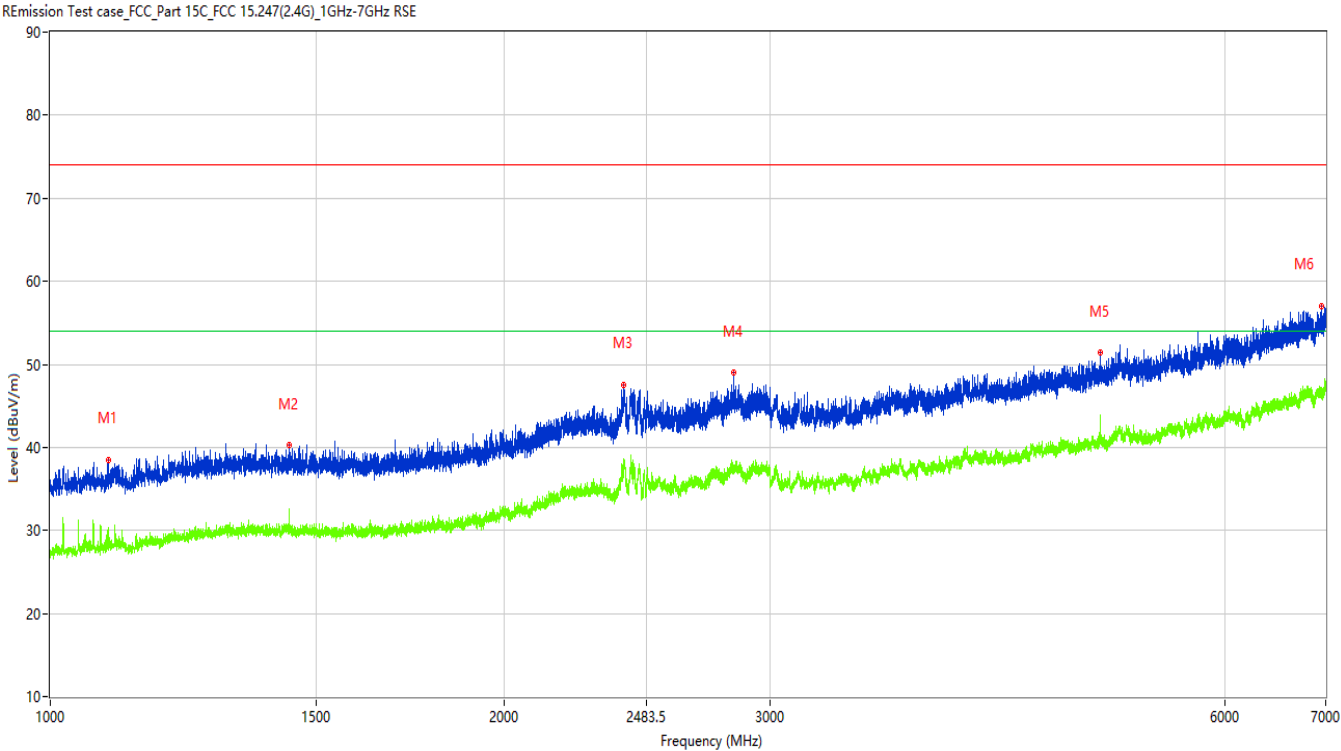
Figure 68: Radiated Emission, BLE-1M, 2480MHz_1GHz_7GHz
Horizontal polarization



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1068.000	39.44	-14.28	74.0	34.56	Peak	90.90	100	Horizontal	Pass
1**	1068.000	33.07	-14.28	54.0	20.93	AV	90.90	100	Horizontal	Pass
2	1994.000	42.51	-11.02	74.0	31.49	Peak	42.90	100	Horizontal	Pass
2**	1994.000	32.28	-11.02	54.0	21.72	AV	42.90	100	Horizontal	Pass
3	2401.000	48.54	-4.43	74.0	25.46	Peak	27.20	100	Horizontal	Pass
3**	2401.000	38.05	-4.43	54.0	15.95	AV	27.20	100	Horizontal	Pass
4	4112.000	48.94	-1.08	74.0	25.06	Peak	230.20	100	Horizontal	Pass
4**	4112.000	38.67	-1.08	54.0	15.33	AV	230.20	100	Horizontal	Pass
5	4960.000	56.46	0.22	74.0	17.54	Peak	135.30	100	Horizontal	Pass
5**	4960.000	51.50	0.22	54.0	2.50	AV	135.30	100	Horizontal	Pass
6	6904.500	57.37	5.08	74.0	16.63	Peak	355.80	100	Horizontal	Pass
6**	6904.500	45.77	5.08	54.0	8.23	AV	355.80	100	Horizontal	Pass

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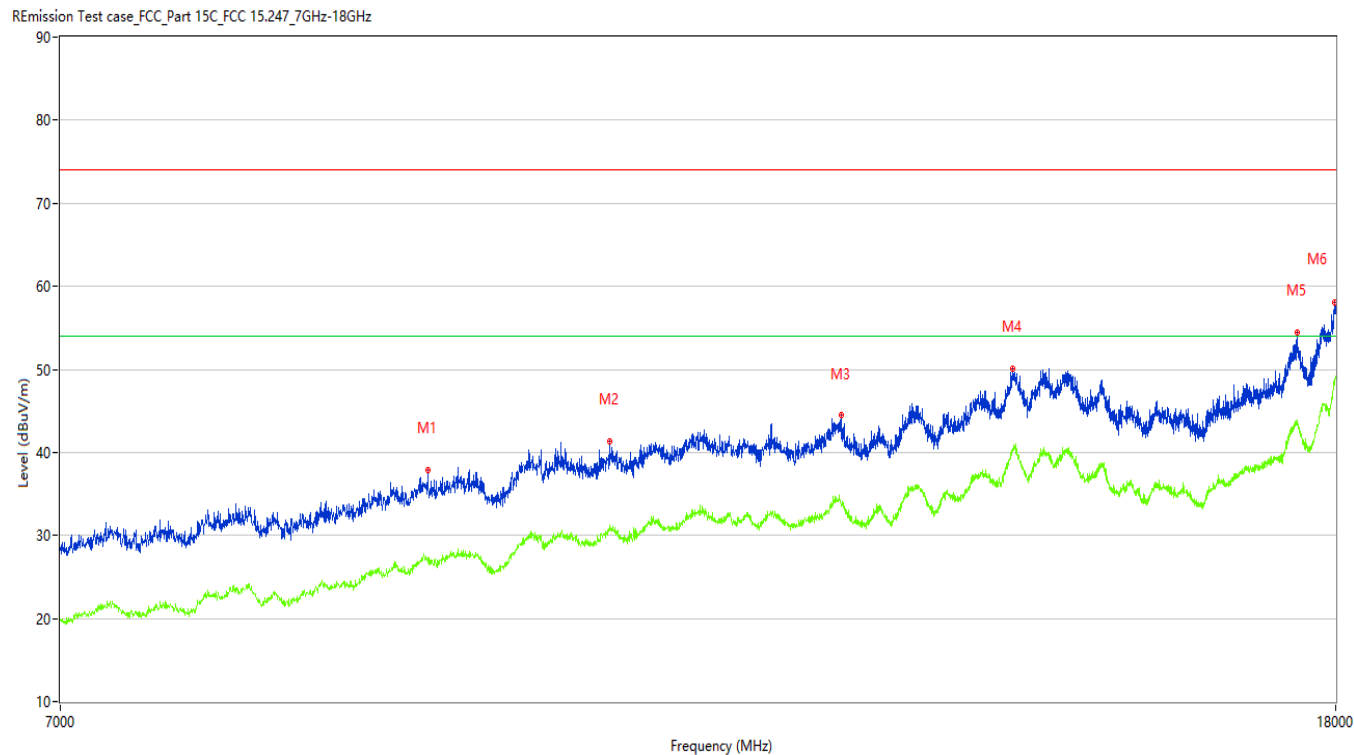
Vertical polarization



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1092.250	38.51	-14.22	74.0	35.49	Peak	205.80	100	Vertical	Pass
1**	1092.250	30.27	-14.22	54.0	23.73	AV	205.80	100	Vertical	Pass
2	1440.750	40.29	-12.74	74.0	33.71	Peak	360.00	100	Vertical	Pass
2**	1440.750	30.79	-12.74	54.0	23.21	AV	360.00	100	Vertical	Pass
3	2399.000	47.59	-4.38	74.0	26.41	Peak	254.60	100	Vertical	Pass
3**	2399.000	37.79	-4.38	54.0	16.21	AV	254.60	100	Vertical	Pass
4	2838.500	48.95	-3.93	74.0	25.05	Peak	205.80	100	Vertical	Pass
4**	2838.500	37.44	-3.93	54.0	16.56	AV	205.80	100	Vertical	Pass
5	4960.000	51.41	0.22	74.0	22.59	Peak	96.20	100	Vertical	Pass
5**	4960.000	43.84	0.22	54.0	10.16	AV	96.20	100	Vertical	Pass
6	6960.000	57.07	5.24	74.0	16.93	Peak	191.10	100	Vertical	Pass
6**	6960.000	46.00	5.24	54.0	8.00	AV	191.10	100	Vertical	Pass

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Figure 69: Radiated Emission, BLE-1M, 2480MHz_7GHz_18GHz
Horizontal polarization



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	9189.000	37.84	7.04	74.0	36.16	Peak	0.50	100	Horizontal	Pass
1**	9189.000	27.33	7.04	54.0	26.67	AV	0.50	100	Horizontal	Pass
2	10514.500	41.40	10.13	74.0	32.60	Peak	0.50	100	Horizontal	Pass
2**	10514.500	31.24	10.13	54.0	22.76	AV	0.50	100	Horizontal	Pass
3	12480.750	44.46	12.21	74.0	29.54	Peak	0.00	100	Horizontal	Pass
3**	12480.750	33.78	12.21	54.0	20.22	AV	0.00	100	Horizontal	Pass
4	14172.000	50.13	19.25	74.0	23.87	Peak	138.50	100	Horizontal	Pass
4**	14172.000	40.31	19.25	54.0	13.69	AV	138.50	100	Horizontal	Pass
5	17496.750	54.46	21.27	74.0	19.54	Peak	280.30	100	Horizontal	Pass
5**	17496.750	43.68	21.27	54.0	10.32	AV	280.30	100	Horizontal	Pass
6	17988.999	58.13	27.24	74.0	15.87	Peak	327.60	100	Horizontal	Pass
6**	17988.999	48.66	27.24	54.0	5.34	AV	327.60	100	Horizontal	Pass

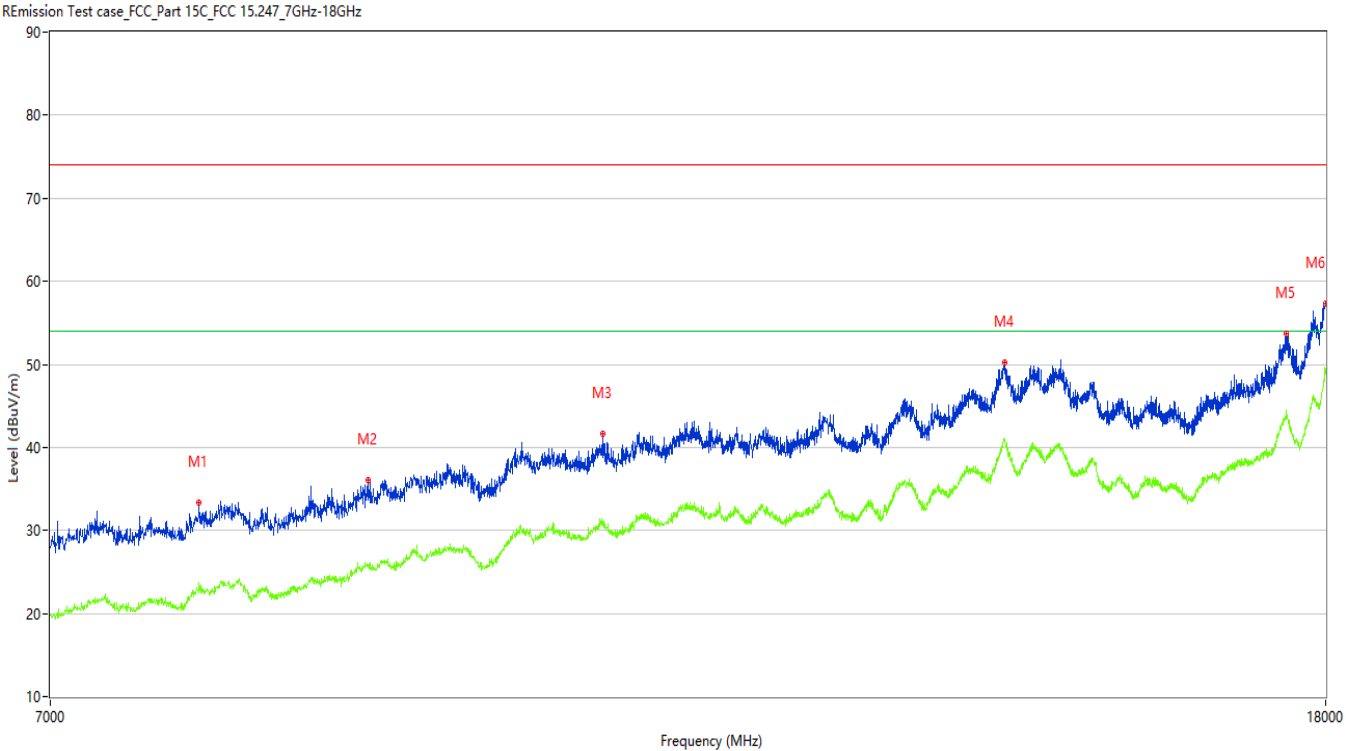
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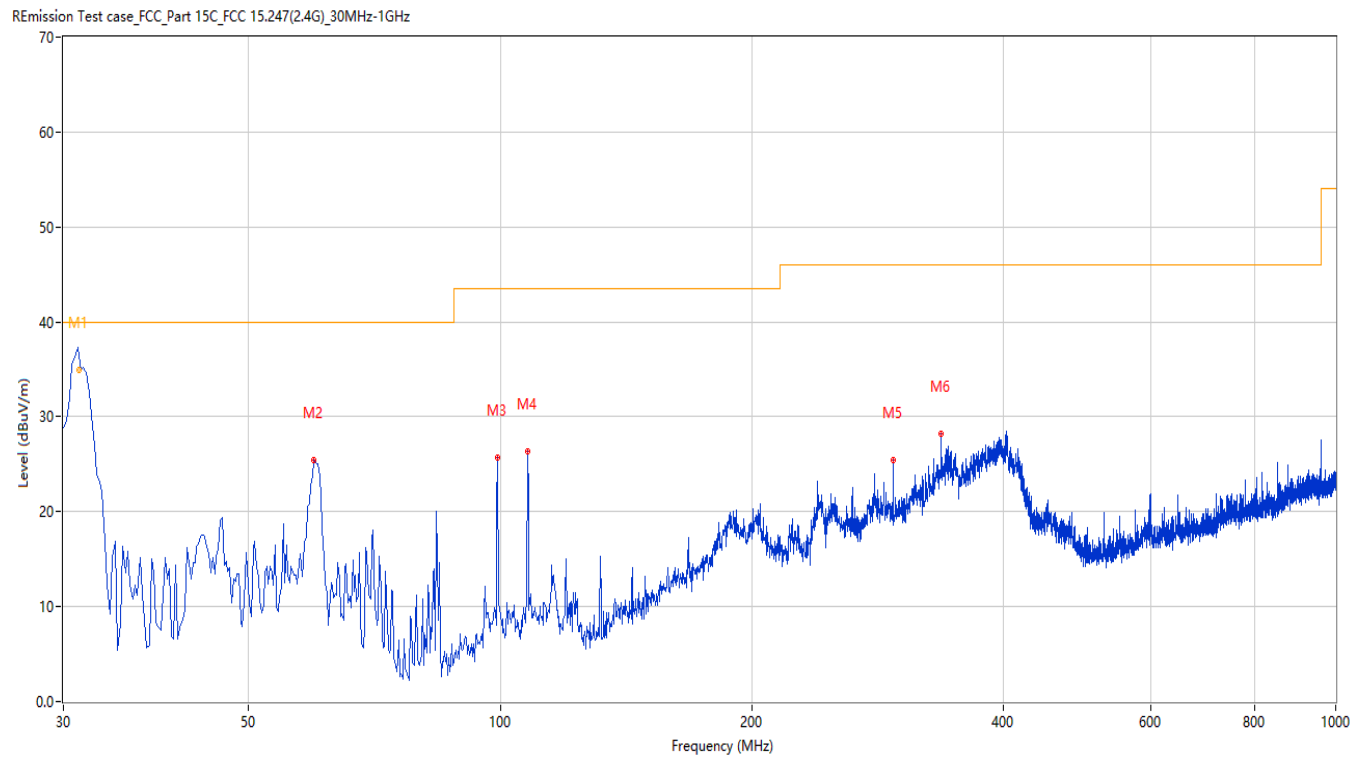
Vertical polarization



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7816.750	33.39	2.82	74.0	40.61	Peak	3.70	100	Vertical	Pass
1**	7816.750	23.71	2.82	54.0	30.29	AV	3.70	100	Vertical	Pass
2	8856.250	36.08	5.31	74.0	37.92	Peak	227.10	100	Vertical	Pass
2**	8856.250	25.78	5.31	54.0	28.22	AV	227.10	100	Vertical	Pass
3	10539.250	41.68	10.27	74.0	32.32	Peak	275.40	100	Vertical	Pass
3**	10539.250	31.17	10.27	54.0	22.83	AV	275.40	100	Vertical	Pass
4	14191.250	50.26	19.69	74.0	23.74	Peak	0.00	100	Vertical	Pass
4**	14191.250	40.81	19.69	54.0	13.19	AV	0.00	100	Vertical	Pass
5	17485.750	53.64	21.52	74.0	20.36	Peak	293.30	100	Vertical	Pass
5**	17485.750	43.49	21.52	54.0	10.51	AV	293.30	100	Vertical	Pass
6	17997.251	57.32	27.75	74.0	16.68	Peak	259.80	100	Vertical	Pass
6**	17997.251	48.85	27.75	54.0	5.15	AV	259.80	100	Vertical	Pass

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Figure 70: Radiated Emission, BLE-2M, 2402MHz_30MHz_1GHz
Horizontal polarization



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1*	31.341	34.87	-29.43	40.0	5.13	QP	88.90	155	Horizontal	Pass
2	59.820	25.47	-26.24	40.0	14.53	Peak	72.50	100	Horizontal	Pass
3	99.338	25.75	-26.69	43.5	17.75	Peak	255.00	100	Horizontal	Pass
4	107.823	26.41	-26.74	43.5	17.09	Peak	59.60	100	Horizontal	Pass
5	295.229	25.50	-23.92	46.0	20.50	Peak	360.00	100	Horizontal	Pass
6	337.413	28.19	-22.24	46.0	17.81	Peak	273.90	100	Horizontal	Pass

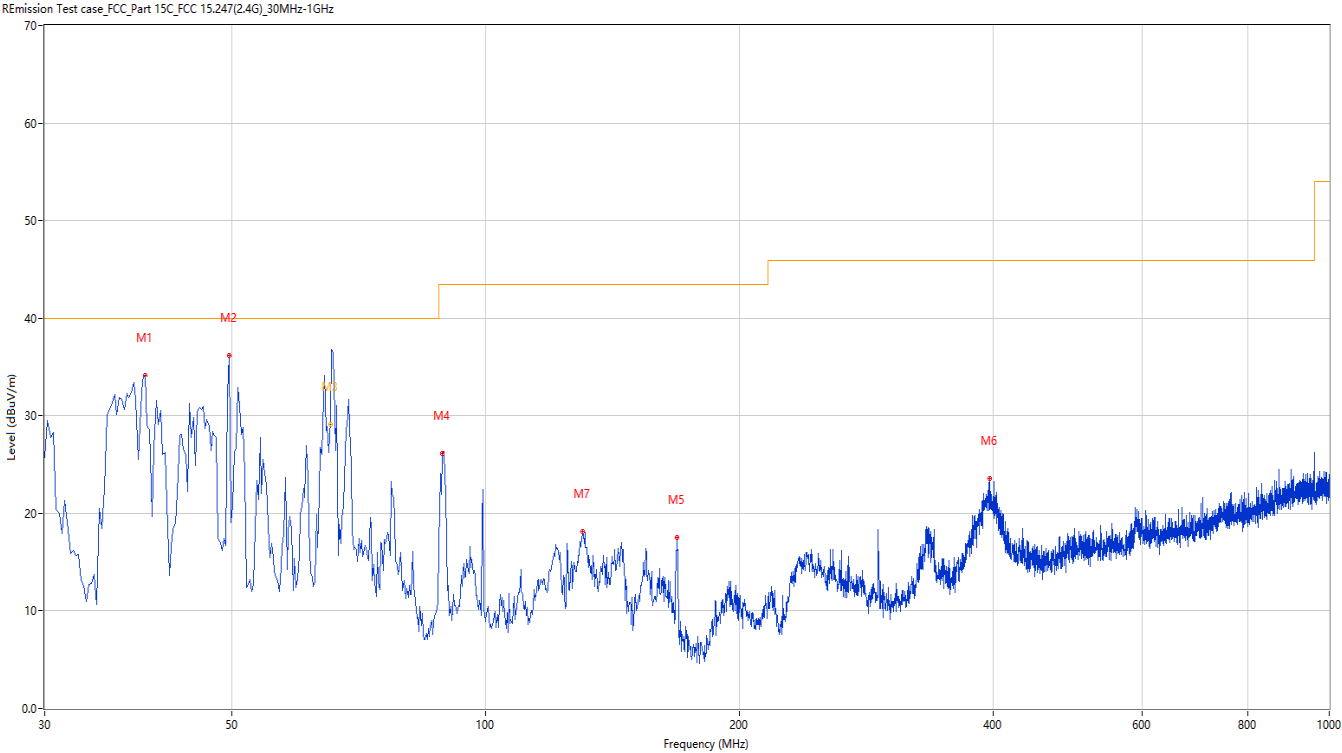
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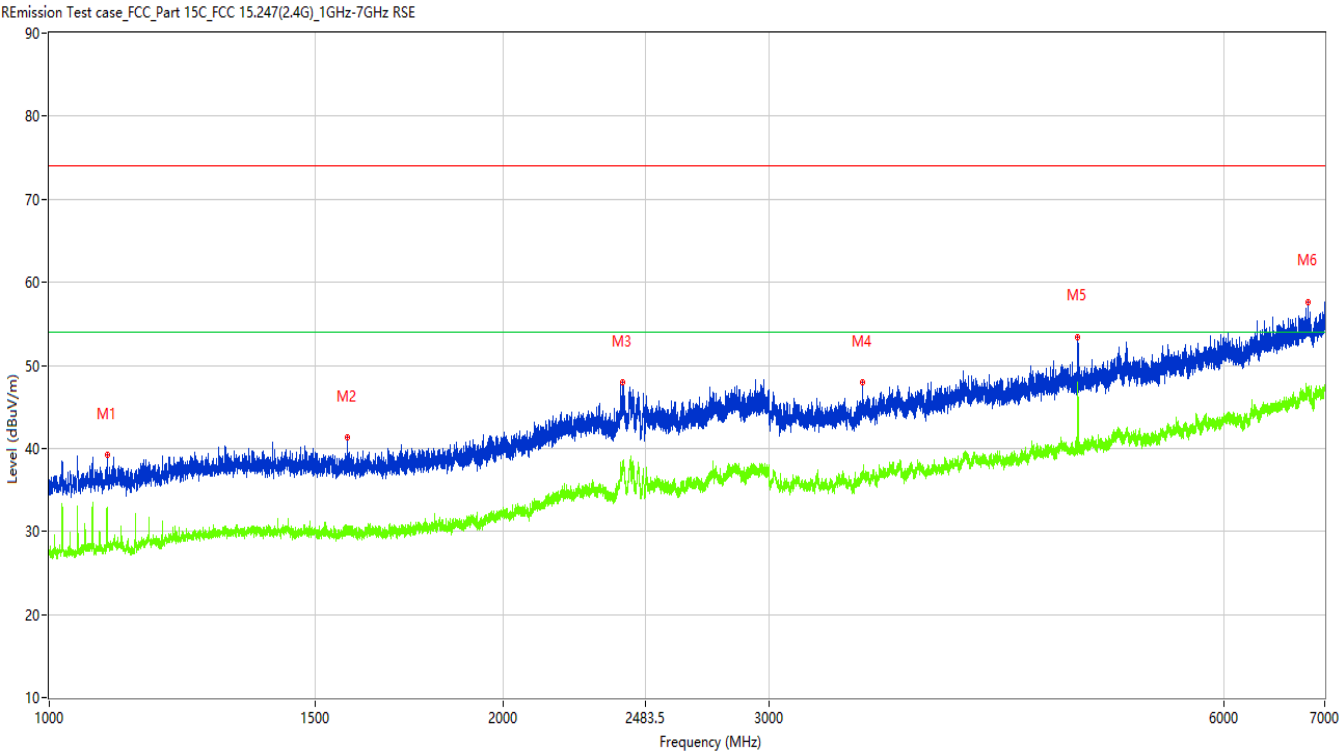
Vertical polarization



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	39.455	34.17	-26.52	40.0	5.83	Peak	313.00	100	Vertical	Pass
2	49.638	36.21	-25.03	40.0	3.79	Peak	20.20	100	Vertical	Pass
3	65.394	34.43	-27.87	40.0	5.57	Peak	1.60	101	Vertical	Pass
3*	65.394	29.10	-27.87	40.0	10.90	QP	1.60	101	Vertical	Pass
4	89.155	26.26	-29.01	43.5	17.24	Peak	353.20	100	Vertical	Pass
5	168.675	17.49	-29.03	43.5	26.01	Peak	0.80	100	Vertical	Pass
6	396.083	23.59	-20.93	46.0	22.41	Peak	95.00	100	Vertical	Pass
7	130.370	18.11	-29.49	43.5	25.39	Peak	290.00	100	Vertical	Pass

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Figure 71: Radiated Emission, BLE-2M, 2402MHz_1GHz_7GHz
Horizontal polarization



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1092.250	39.19	-14.22	74.0	34.81	Peak	94.10	100	Horizontal	Pass
1**	1092.250	31.05	-14.22	54.0	22.95	AV	94.10	100	Horizontal	Pass
2	1577.000	41.31	-13.03	74.0	32.69	Peak	31.30	100	Horizontal	Pass
2**	1577.000	29.77	-13.03	54.0	24.23	AV	31.30	100	Horizontal	Pass
3	2399.750	47.97	-4.40	74.0	26.03	Peak	283.90	100	Horizontal	Pass
3**	2399.750	38.35	-4.40	54.0	15.65	AV	283.90	100	Horizontal	Pass
4	3458.500	47.91	-3.93	74.0	26.09	Peak	197.90	100	Horizontal	Pass
4**	3458.500	36.77	-3.93	54.0	17.23	AV	197.90	100	Horizontal	Pass
5	4804.000	53.45	-0.56	74.0	20.55	Peak	182.20	100	Horizontal	Pass
5**	4804.000	46.28	-0.56	54.0	7.72	AV	182.20	100	Horizontal	Pass
6	6820.000	57.54	5.11	74.0	16.46	Peak	24.10	100	Horizontal	Pass
6**	6820.000	46.72	5.11	54.0	7.28	AV	24.10	100	Horizontal	Pass

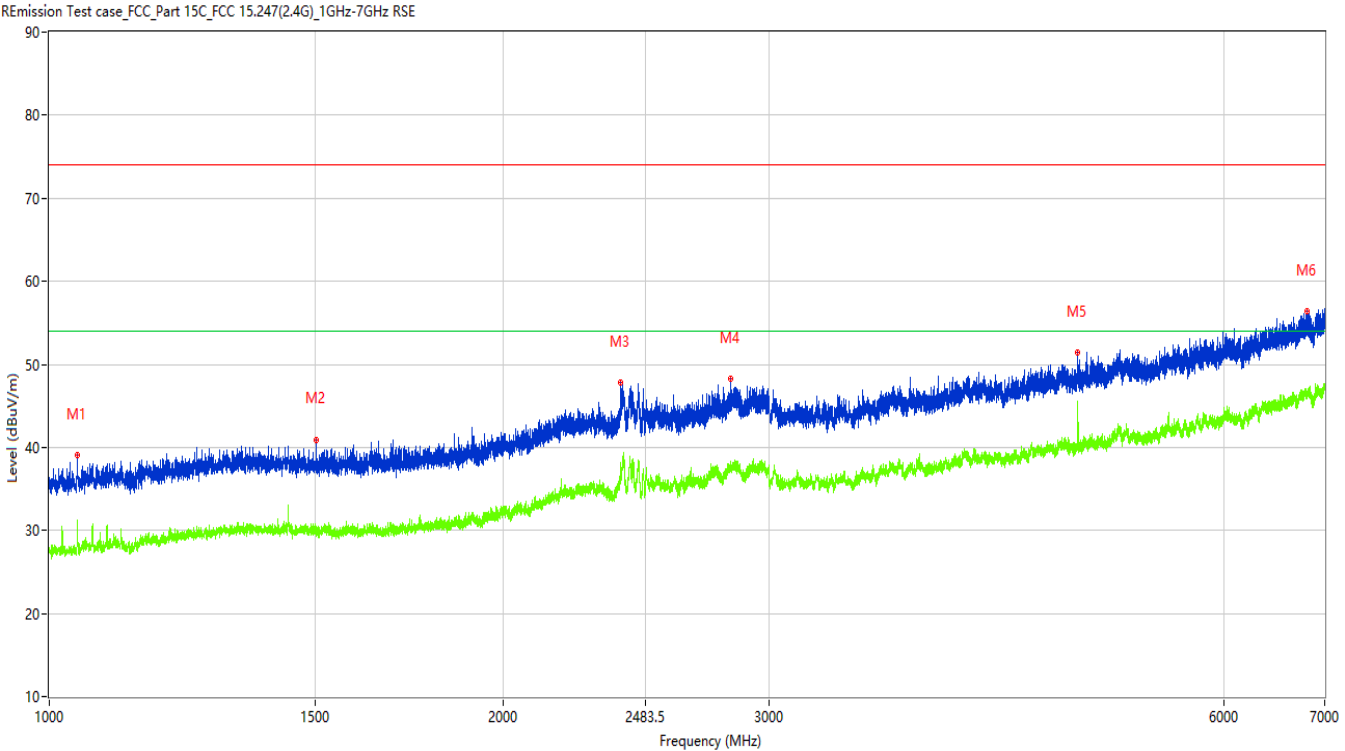
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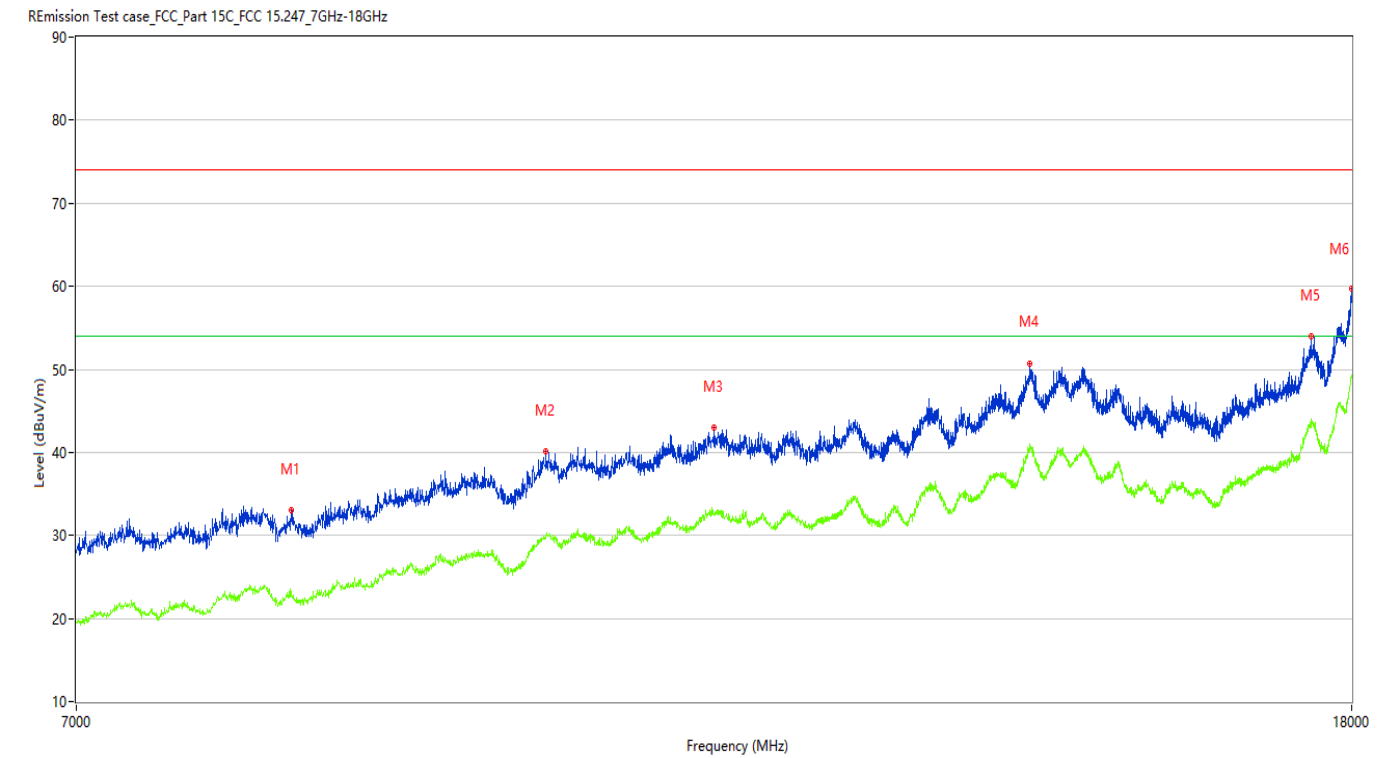
Vertical polarization



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1044.000	39.08	-14.37	74.0	34.92	Peak	108.40	100	Vertical	Pass
1**	1044.000	31.31	-14.37	54.0	22.69	AV	108.40	100	Vertical	Pass
2	1501.750	40.95	-13.07	74.0	33.05	Peak	356.90	100	Vertical	Pass
2**	1501.750	30.18	-13.07	54.0	23.82	AV	356.90	100	Vertical	Pass
3	2391.750	47.84	-4.53	74.0	26.16	Peak	0.00	100	Vertical	Pass
3**	2391.750	38.21	-4.53	54.0	15.79	AV	0.00	100	Vertical	Pass
4	2830.000	48.23	-4.15	74.0	25.77	Peak	13.10	100	Vertical	Pass
4**	2830.000	37.21	-4.15	54.0	16.79	AV	13.10	100	Vertical	Pass
5	4803.500	51.36	-0.57	74.0	22.64	Peak	105.90	100	Vertical	Pass
5**	4803.500	43.68	-0.57	54.0	10.32	AV	105.90	100	Vertical	Pass
6	6816.000	56.42	5.12	74.0	17.58	Peak	358.20	100	Vertical	Pass
6**	6816.000	46.63	5.12	54.0	7.37	AV	358.20	100	Vertical	Pass

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Figure 72: Radiated Emission, BLE-2M, 2402MHz_7GHz_18GHz
Horizontal polarization



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	8207.250	33.06	3.83	74.0	40.94	Peak	263.90	100	Horizontal	Pass
1**	8207.250	23.11	3.83	54.0	30.89	AV	263.90	100	Horizontal	Pass
2	9909.500	40.13	9.84	74.0	33.87	Peak	215.90	100	Horizontal	Pass
2**	9909.500	29.94	9.84	54.0	24.06	AV	215.90	100	Horizontal	Pass
3	11226.750	42.97	11.58	74.0	31.03	Peak	131.00	100	Horizontal	Pass
3**	11226.750	32.47	11.58	54.0	21.53	AV	131.00	100	Horizontal	Pass
4	14185.750	50.64	19.69	74.0	23.36	Peak	280.70	100	Horizontal	Pass
4**	14185.750	41.00	19.69	54.0	13.00	AV	280.70	100	Horizontal	Pass
5	17463.751	53.93	21.13	74.0	20.07	Peak	343.90	100	Horizontal	Pass
5**	17463.751	44.02	21.13	54.0	9.98	AV	343.90	100	Horizontal	Pass
6	17994.500	59.68	27.58	74.0	14.32	Peak	82.70	100	Horizontal	Pass
6**	17994.500	49.29	27.58	54.0	4.71	AV	82.70	100	Horizontal	Pass

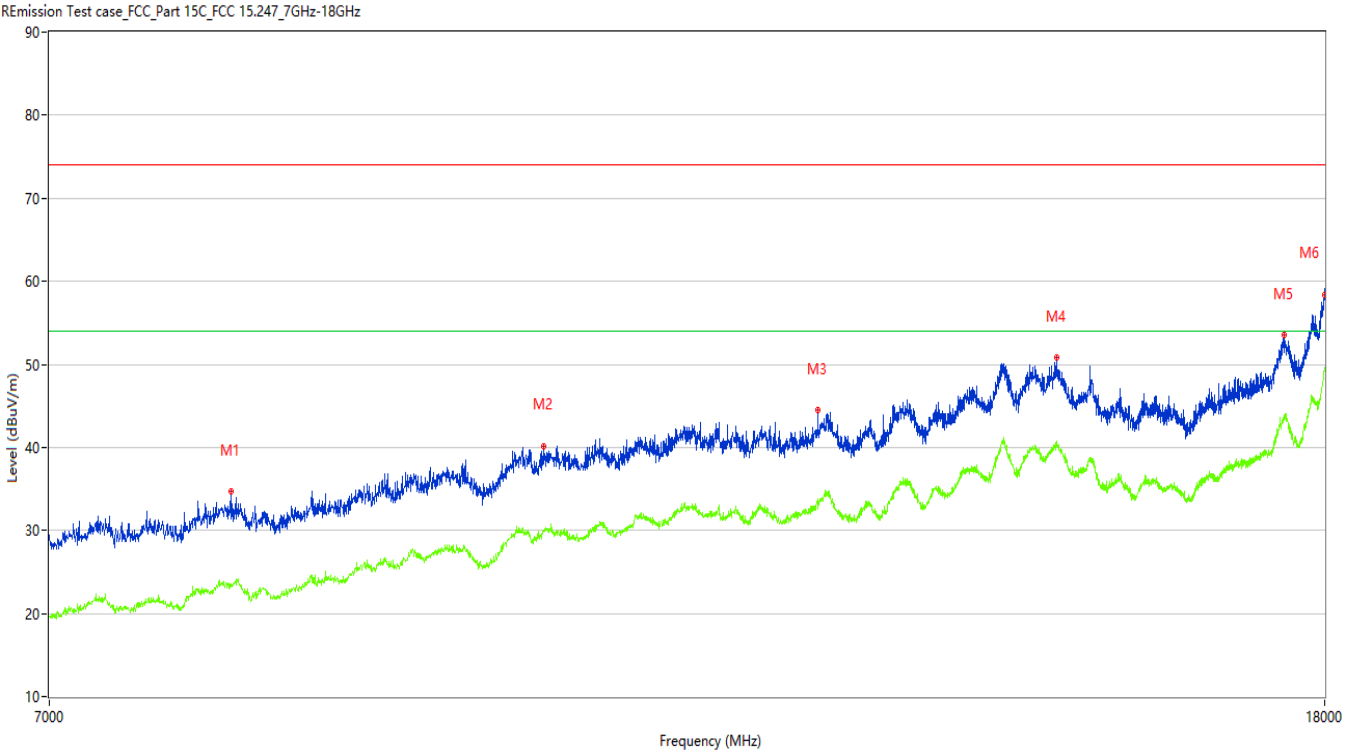
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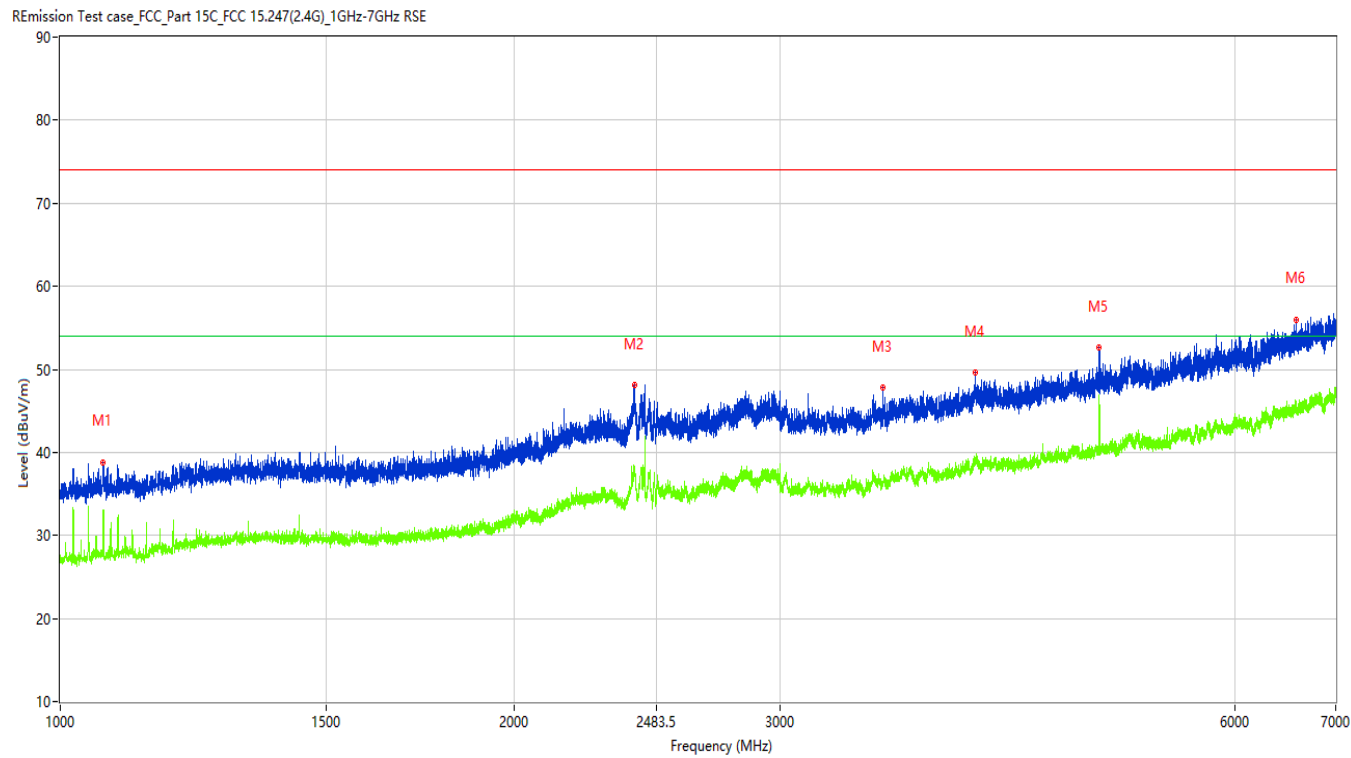
Vertical polarization



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	8006.500	34.70	3.95	74.0	39.30	Peak	2.70	100	Vertical	Pass
1**	8006.500	23.24	3.95	54.0	30.76	AV	2.70	100	Vertical	Pass
2	10093.750	40.20	9.44	74.0	33.80	Peak	244.50	100	Vertical	Pass
2**	10093.750	30.03	9.44	54.0	23.97	AV	244.50	100	Vertical	Pass
3	12365.250	44.46	12.03	74.0	29.54	Peak	113.90	100	Vertical	Pass
3**	12365.250	32.64	12.03	54.0	21.36	AV	113.90	100	Vertical	Pass
4	14757.750	50.80	18.80	74.0	23.20	Peak	97.60	100	Vertical	Pass
4**	14757.750	40.41	18.80	54.0	13.59	AV	97.60	100	Vertical	Pass
5	17463.751	53.57	21.13	74.0	20.43	Peak	81.20	100	Vertical	Pass
5**	17463.751	43.34	21.13	54.0	10.66	AV	81.20	100	Vertical	Pass
6	17997.251	58.32	27.75	74.0	15.68	Peak	259.10	100	Vertical	Pass
6**	17997.251	49.18	27.75	54.0	4.82	AV	259.10	100	Vertical	Pass

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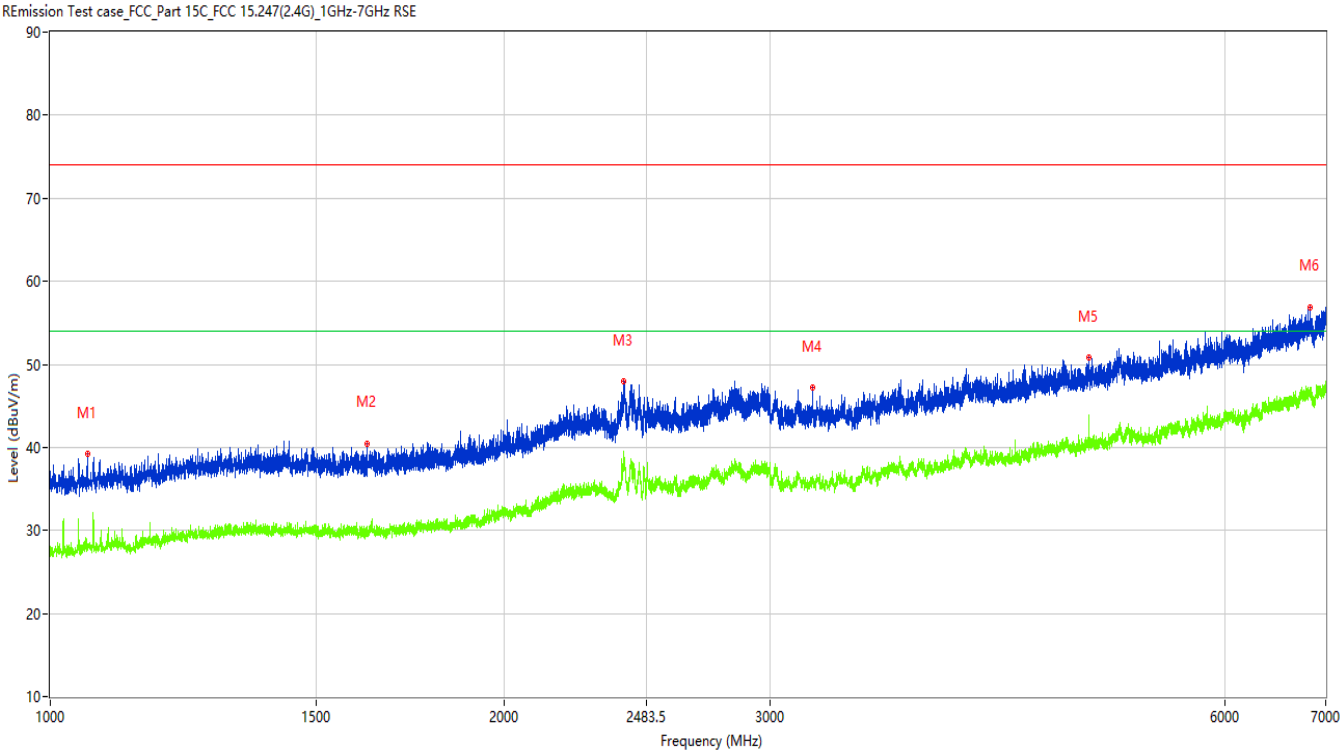
Figure 73: Radiated Emission, BLE-2M, 2440MHz_1GHz_7GHz
Horizontal polarization



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1067.250	38.83	-14.30	74.0	35.17	Peak	90.10	100	Horizontal	Pass
1**	1067.250	30.04	-14.30	54.0	23.96	AV	90.10	100	Horizontal	Pass
2	2400.500	48.16	-4.42	74.0	25.84	Peak	345.80	100	Horizontal	Pass
2**	2400.500	38.11	-4.42	54.0	15.89	AV	345.80	100	Horizontal	Pass
3	3506.500	47.78	-3.57	74.0	26.22	Peak	103.40	100	Horizontal	Pass
3**	3506.500	36.22	-3.57	54.0	17.78	AV	103.40	100	Horizontal	Pass
4	4042.000	49.60	-0.90	74.0	24.40	Peak	40.10	100	Horizontal	Pass
4**	4042.000	38.70	-0.90	54.0	15.30	AV	40.10	100	Horizontal	Pass
5	4879.000	52.56	0.06	74.0	21.44	Peak	136.90	100	Horizontal	Pass
5**	4879.000	46.15	0.06	54.0	7.85	AV	136.90	100	Horizontal	Pass
6	6586.000	55.89	4.24	74.0	18.11	Peak	247.30	100	Horizontal	Pass
6**	6586.000	45.19	4.24	54.0	8.81	AV	247.30	100	Horizontal	Pass

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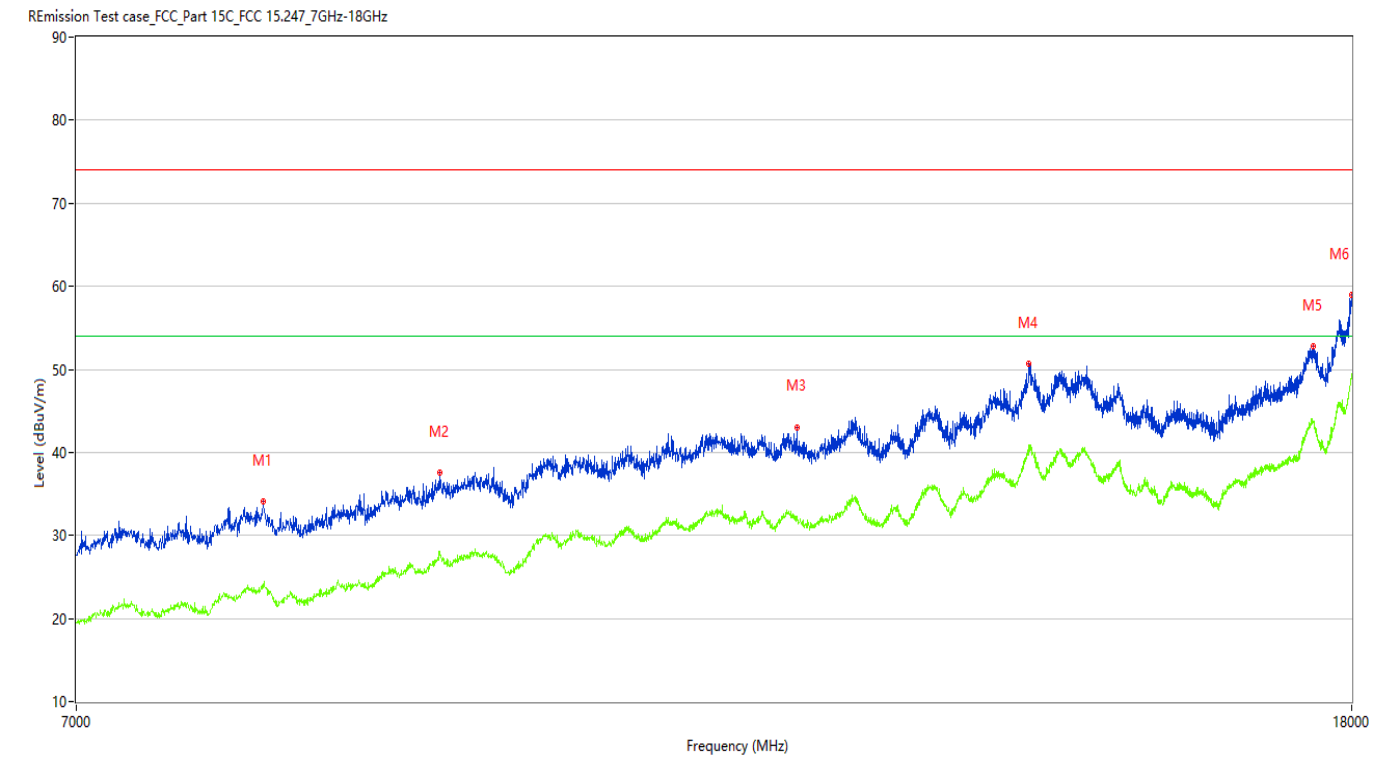
Vertical polarization



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1058.000	39.19	-14.32	74.0	34.81	Peak	121.00	100	Vertical	Pass
1**	1058.000	28.32	-14.32	54.0	25.68	AV	121.00	100	Vertical	Pass
2	1622.250	40.44	-12.99	74.0	33.56	Peak	356.90	100	Vertical	Pass
2**	1622.250	30.43	-12.99	54.0	23.57	AV	356.90	100	Vertical	Pass
3	2398.250	48.01	-4.35	74.0	25.99	Peak	89.70	100	Vertical	Pass
3**	2398.250	38.02	-4.35	54.0	15.98	AV	89.70	100	Vertical	Pass
4	3201.000	47.24	-4.66	74.0	26.76	Peak	295.70	100	Vertical	Pass
4**	3201.000	36.00	-4.66	54.0	18.00	AV	295.70	100	Vertical	Pass
5	4879.500	50.90	0.06	74.0	23.10	Peak	360.00	100	Vertical	Pass
5**	4879.500	43.49	0.06	54.0	10.51	AV	360.00	100	Vertical	Pass
6	6836.000	56.91	5.07	74.0	17.09	Peak	0.90	100	Vertical	Pass
6**	6836.000	46.19	5.07	54.0	7.81	AV	0.90	100	Vertical	Pass

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Figure 74: Radiated Emission, BLE-2M, 2440MHz_7GHz_18GHz
Horizontal polarization



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	8036.750	34.04	4.44	74.0	39.96	Peak	81.60	100	Horizontal	Pass
1**	8036.750	23.67	4.44	54.0	30.33	AV	81.60	100	Horizontal	Pass
2	9164.250	37.50	7.36	74.0	36.50	Peak	259.70	100	Horizontal	Pass
2**	9164.250	28.06	7.36	54.0	25.94	AV	259.70	100	Horizontal	Pass
3	11933.500	43.05	11.89	74.0	30.95	Peak	243.00	100	Horizontal	Pass
3**	11933.500	31.90	11.89	54.0	22.10	AV	243.00	100	Horizontal	Pass
4	14172.000	50.65	19.25	74.0	23.35	Peak	259.70	100	Horizontal	Pass
4**	14172.000	40.33	19.25	54.0	13.67	AV	259.70	100	Horizontal	Pass
5	17494.000	52.76	21.33	74.0	21.24	Peak	130.70	100	Horizontal	Pass
5**	17494.000	43.58	21.33	54.0	10.42	AV	130.70	100	Horizontal	Pass
6	17997.251	58.94	27.75	74.0	15.06	Peak	114.60	100	Horizontal	Pass
6**	17997.251	49.48	27.75	54.0	4.52	AV	114.60	100	Horizontal	Pass

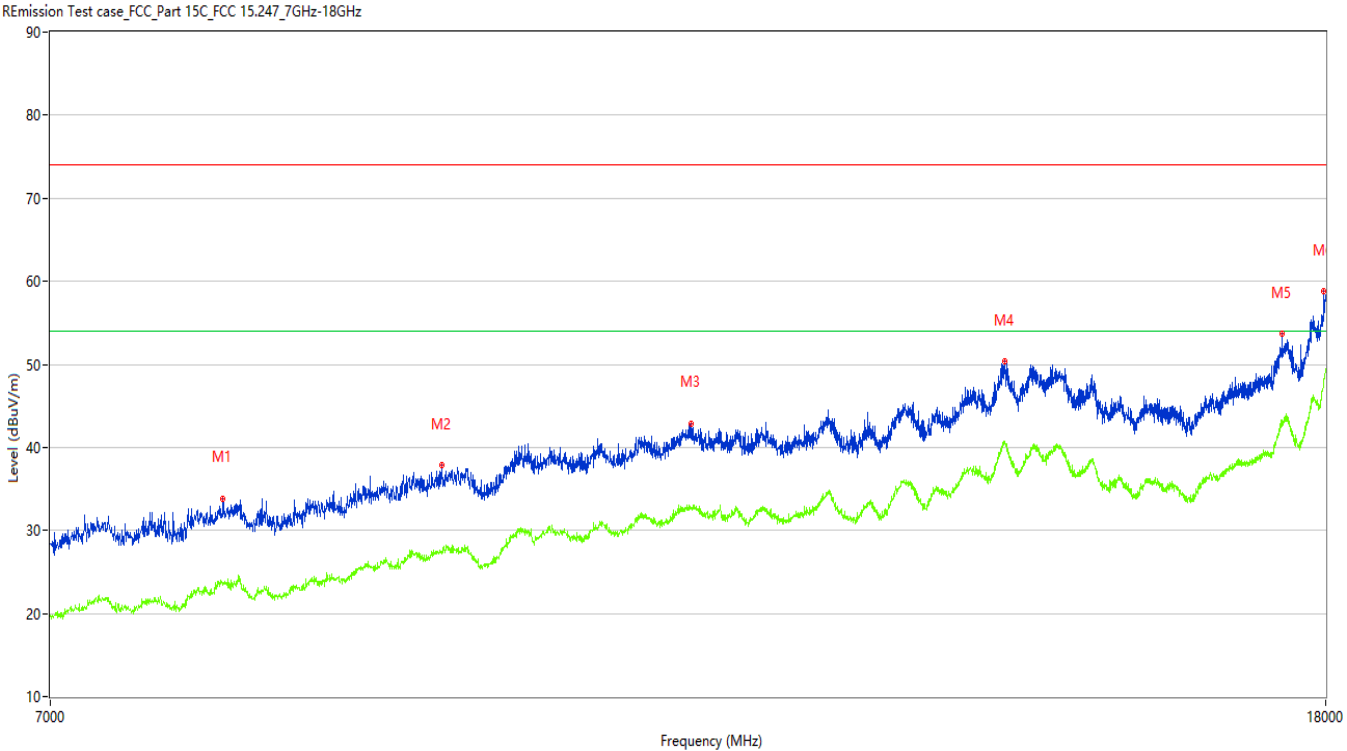
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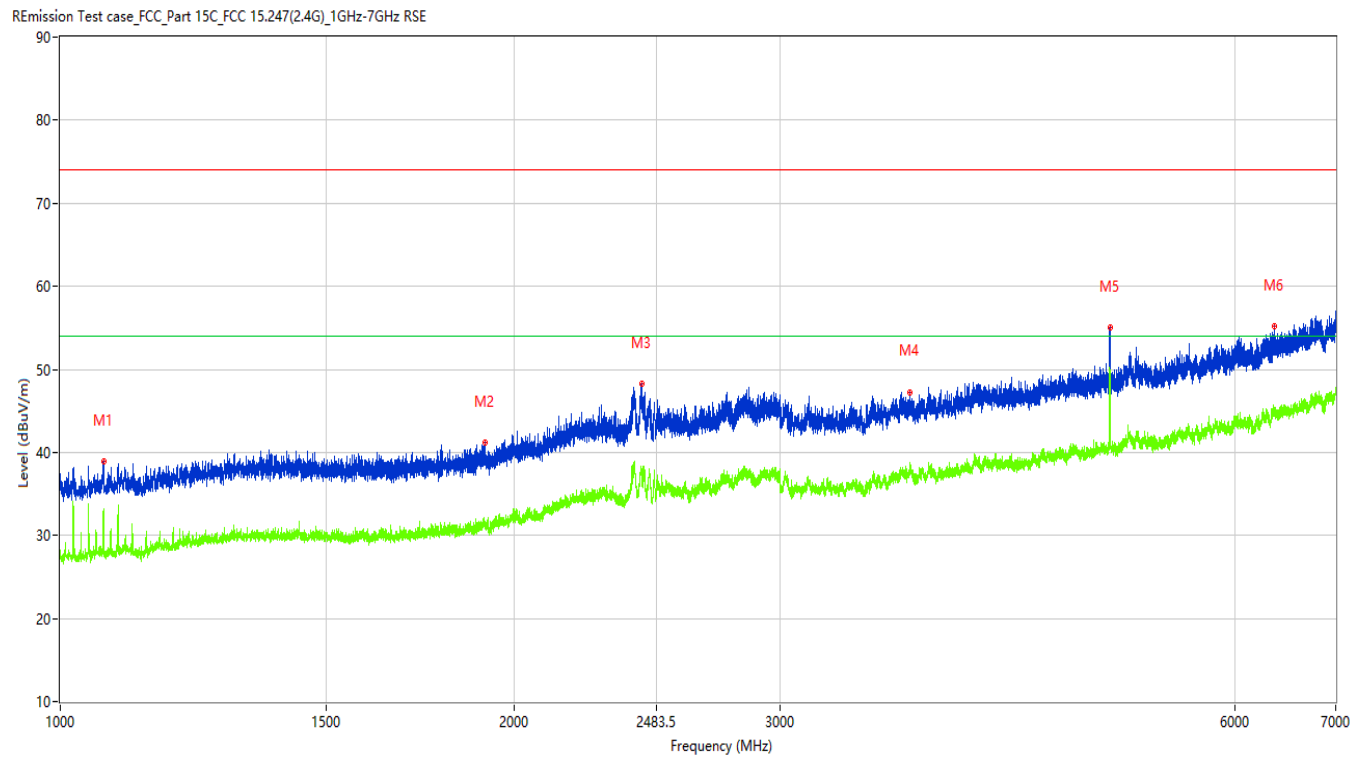
Vertical polarization



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7954.250	33.88	3.41	74.0	40.12	Peak	244.90	100	Vertical	Pass
1**	7954.250	23.45	3.41	54.0	30.55	AV	244.90	100	Vertical	Pass
2	9351.250	37.81	7.51	74.0	36.19	Peak	211.50	100	Vertical	Pass
2**	9351.250	27.50	7.51	54.0	26.50	AV	211.50	100	Vertical	Pass
3	11251.500	42.84	11.92	74.0	31.16	Peak	228.60	100	Vertical	Pass
3**	11251.500	32.61	11.92	54.0	21.39	AV	228.60	100	Vertical	Pass
4	14188.500	50.38	19.75	74.0	23.62	Peak	35.10	100	Vertical	Pass
4**	14188.500	40.58	19.75	54.0	13.42	AV	35.10	100	Vertical	Pass
5	17428.001	53.68	20.45	74.0	20.32	Peak	179.50	100	Vertical	Pass
5**	17428.001	42.93	20.45	54.0	11.07	AV	179.50	100	Vertical	Pass
6	17977.999	58.80	26.56	74.0	15.20	Peak	19.50	100	Vertical	Pass
6**	17977.999	48.25	26.56	54.0	5.75	AV	19.50	100	Vertical	Pass

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Figure 75: Radiated Emission, BLE-2M, 2480MHz_1GHz_7GHz
Horizontal polarization



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1068.000	38.92	-14.28	74.0	35.08	Peak	91.60	100	Horizontal	Pass
1**	1068.000	33.21	-14.28	54.0	20.79	AV	91.60	100	Horizontal	Pass
2	1912.250	41.20	-11.67	74.0	32.80	Peak	360.00	100	Horizontal	Pass
2**	1912.250	31.64	-11.67	54.0	22.36	AV	360.00	100	Horizontal	Pass
3	2428.500	48.25	-4.92	74.0	25.75	Peak	44.00	100	Horizontal	Pass
3**	2428.500	37.12	-4.92	54.0	16.88	AV	44.00	100	Horizontal	Pass
4	3655.000	47.27	-1.59	74.0	26.73	Peak	360.00	100	Horizontal	Pass
4**	3655.000	37.73	-1.59	54.0	16.27	AV	360.00	100	Horizontal	Pass
5	4960.000	55.08	0.22	74.0	18.92	Peak	149.50	100	Horizontal	Pass
5**	4960.000	49.97	0.22	54.0	4.03	AV	149.50	100	Horizontal	Pass
6	6374.000	55.24	3.56	74.0	18.76	Peak	39.00	100	Horizontal	Pass
6**	6374.000	44.63	3.56	54.0	9.37	AV	39.00	100	Horizontal	Pass

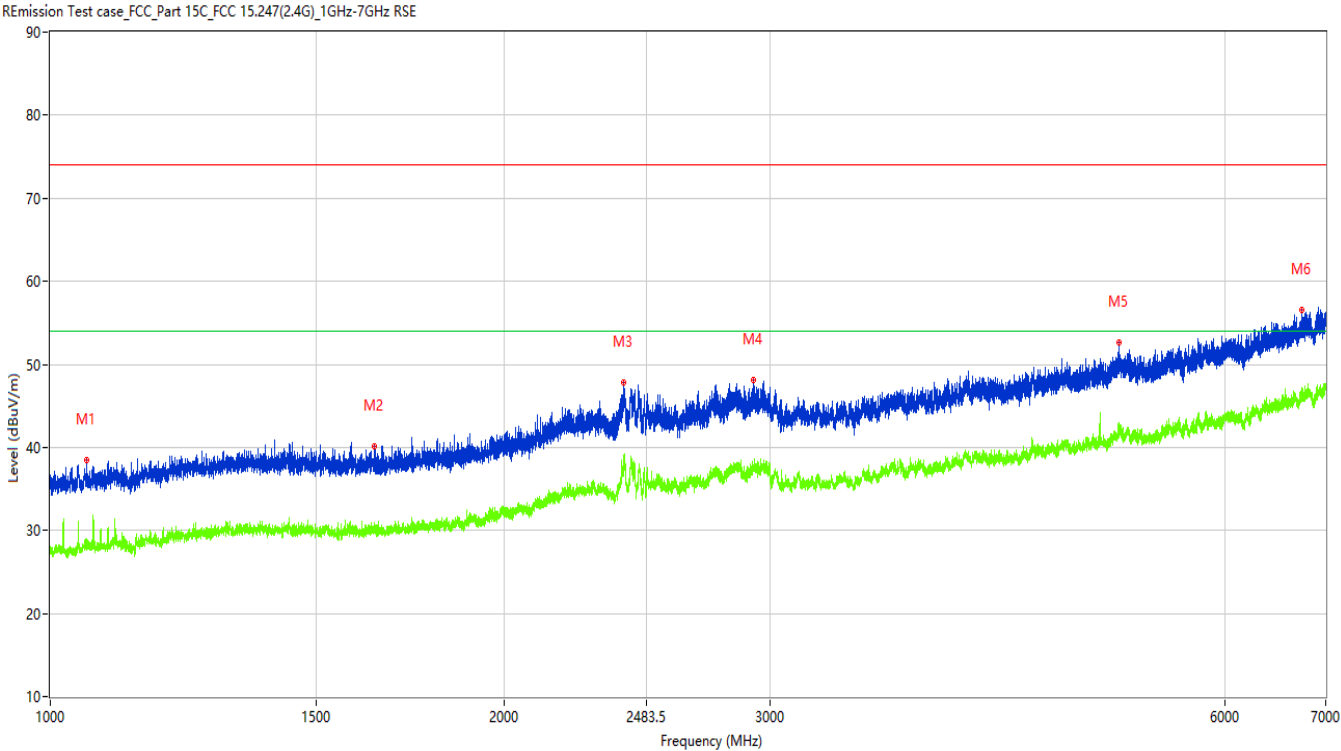
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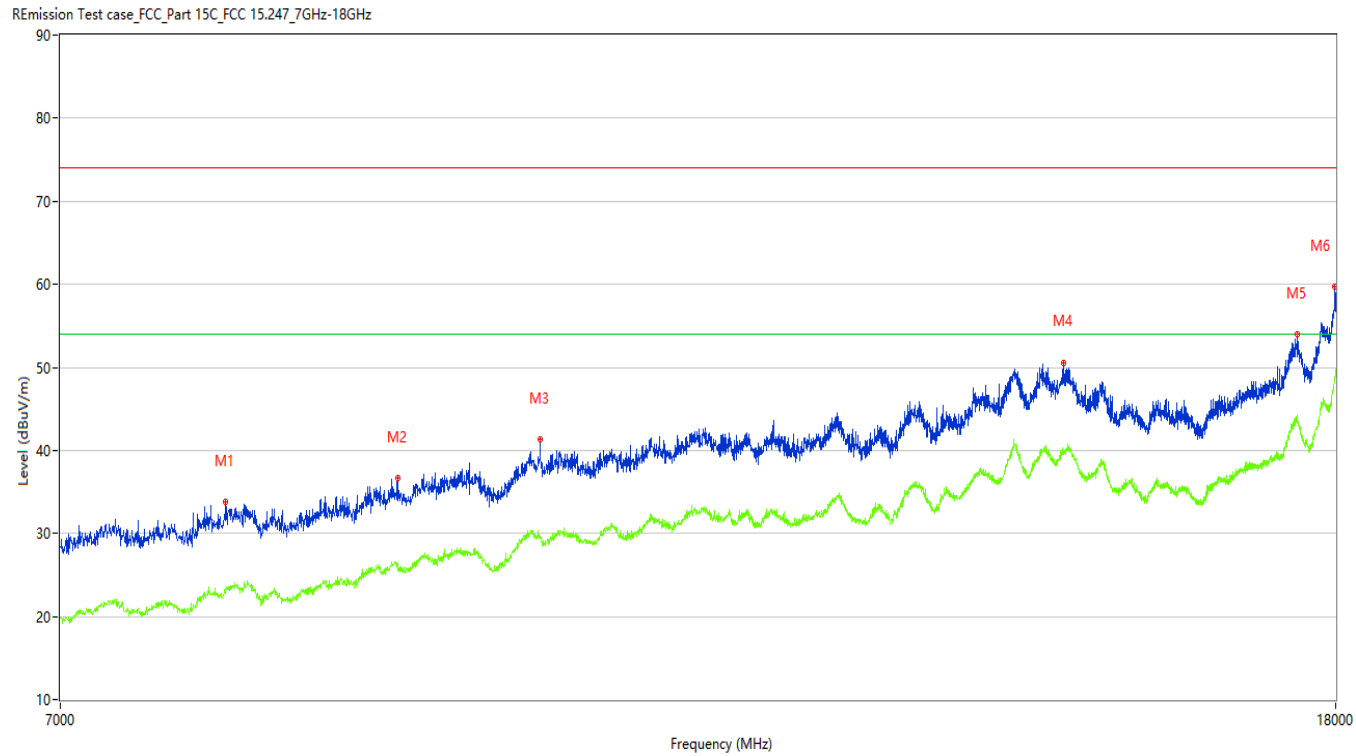
Vertical polarization



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1056.500	38.41	-14.29	74.0	35.59	Peak	1.40	100	Vertical	Pass
1**	1056.500	28.15	-14.29	54.0	25.85	AV	1.40	100	Vertical	Pass
2	1639.500	40.13	-12.96	74.0	33.87	Peak	123.20	100	Vertical	Pass
2**	1639.500	30.10	-12.96	54.0	23.90	AV	123.20	100	Vertical	Pass
3	2400.000	47.85	-4.41	74.0	26.15	Peak	43.20	100	Vertical	Pass
3**	2400.000	38.62	-4.41	54.0	15.38	AV	43.20	100	Vertical	Pass
4	2923.750	48.04	-4.20	74.0	25.96	Peak	170.10	100	Vertical	Pass
4**	2923.750	37.56	-4.20	54.0	16.44	AV	170.10	100	Vertical	Pass
5	5104.500	52.59	1.30	74.0	21.41	Peak	24.50	100	Vertical	Pass
5**	5104.500	41.72	1.30	54.0	12.28	AV	24.50	100	Vertical	Pass
6	6751.500	56.52	4.87	74.0	17.48	Peak	42.00	100	Vertical	Pass
6**	6751.500	46.31	4.87	54.0	7.69	AV	42.00	100	Vertical	Pass

TEST REPORT

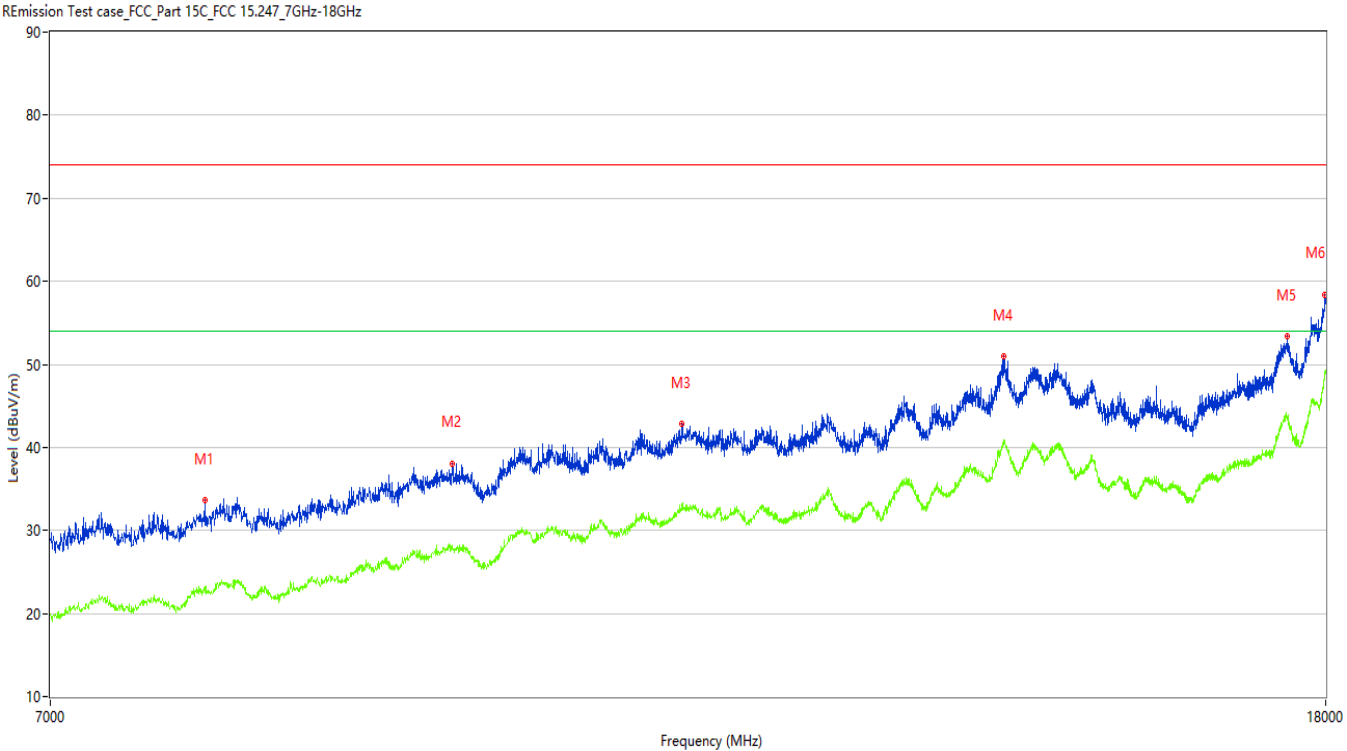
Figure 76: Radiated Emission, BLE-2M, 2480MHz_7GHz_18GHz
Horizontal polarization



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7913.000	33.75	2.99	74.0	40.25	Peak	0.00	100	Horizontal	Pass
1**	7913.000	23.03	2.99	54.0	30.97	AV	0.00	100	Horizontal	Pass
2	8985.500	36.64	7.87	74.0	37.36	Peak	169.70	100	Horizontal	Pass
2**	8985.500	26.48	7.87	54.0	27.52	AV	169.70	100	Horizontal	Pass
3	9986.500	41.27	9.34	74.0	32.73	Peak	23.70	100	Horizontal	Pass
3**	9986.500	29.54	9.34	54.0	24.46	AV	23.70	100	Horizontal	Pass
4	14711.000	50.60	18.25	74.0	23.40	Peak	103.40	100	Horizontal	Pass
4**	14711.000	39.93	18.25	54.0	14.07	AV	103.40	100	Horizontal	Pass
5	17491.249	53.98	21.40	74.0	20.02	Peak	152.60	100	Horizontal	Pass
5**	17491.249	43.39	21.40	54.0	10.61	AV	152.60	100	Horizontal	Pass
6	17988.999	59.67	27.24	74.0	14.33	Peak	69.80	100	Horizontal	Pass
6**	17988.999	48.83	27.24	54.0	5.17	AV	69.80	100	Horizontal	Pass

TEST REPORT

Vertical polarization



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7847.000	33.60	2.60	74.0	40.40	Peak	245.60	100	Vertical	Pass
1**	7847.000	23.20	2.60	54.0	30.80	AV	245.60	100	Vertical	Pass
2	9425.500	38.08	7.62	74.0	35.92	Peak	147.00	100	Vertical	Pass
2**	9425.500	28.19	7.62	54.0	25.81	AV	147.00	100	Vertical	Pass
3	11171.750	42.81	11.03	74.0	31.19	Peak	33.20	100	Vertical	Pass
3**	11171.750	32.89	11.03	54.0	21.11	AV	33.20	100	Vertical	Pass
4	14185.750	51.03	19.69	74.0	22.97	Peak	360.00	100	Vertical	Pass
4**	14185.750	40.68	19.69	54.0	13.32	AV	360.00	100	Vertical	Pass
5	17494.000	53.34	21.33	74.0	20.66	Peak	2.70	100	Vertical	Pass
5**	17494.000	43.72	21.33	54.0	10.28	AV	2.70	100	Vertical	Pass
6	17991.750	58.40	27.41	74.0	15.60	Peak	97.60	100	Vertical	Pass
6**	17991.750	48.57	27.41	54.0	5.43	AV	97.60	100	Vertical	Pass

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4.1.7 Band Edge (Restricted-band band-edge)

RESULT:

PASS

Test standard : FCC Part 15.247(d), 15.205, 15.209

Requirement : ANSI C63.10-2013 clause 11.13,
KDB 558074 clause 8.7

Kind of test site : 3m Semi-Anechoic Chamber

Test setup

Test Channel : Low/Middle/High

Operation Mode : A.1

Ambient temperature : 24.5°C

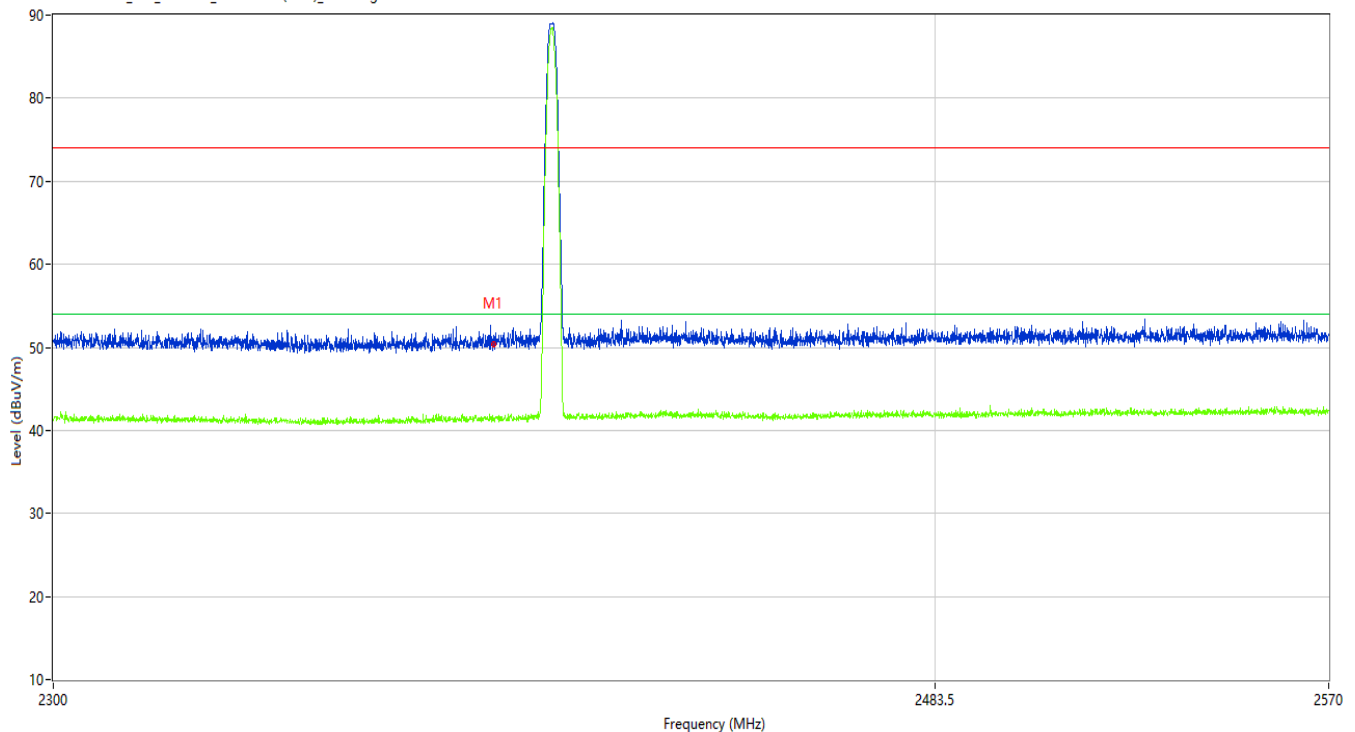
Relative humidity : 53%

Model: EH-MC25

Figure 77: Band Edge, BLE-1M, 2402MHz

Horizontal polarization

REmission Test case_FCC_Part 15C_FCC 15.247(2.4G)_bandedge 2400



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	50.16	-9.96	74.0	23.84	Peak	251.13	100	Horizontal	Pass
1**	2390.000	41.18	-9.96	54.0	12.82	AV	251.13	100	Horizontal	Pass

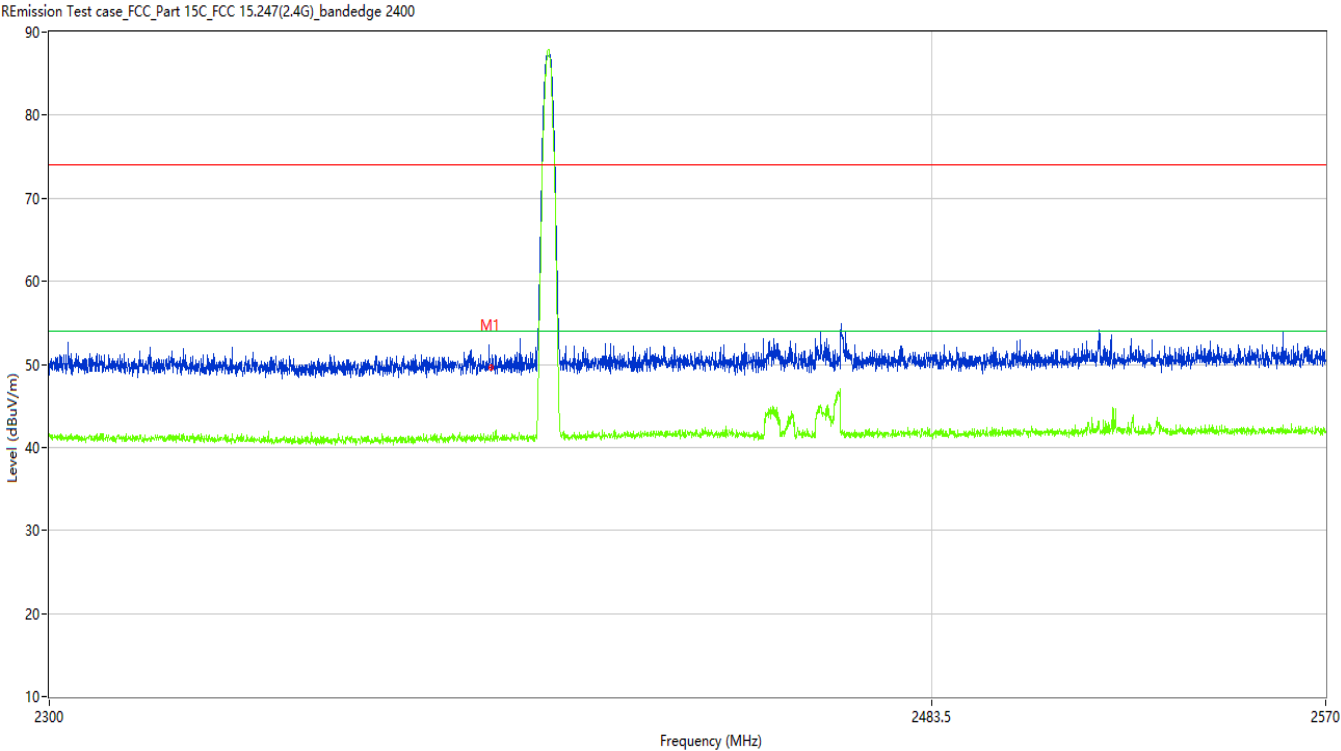
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Vertical polarization

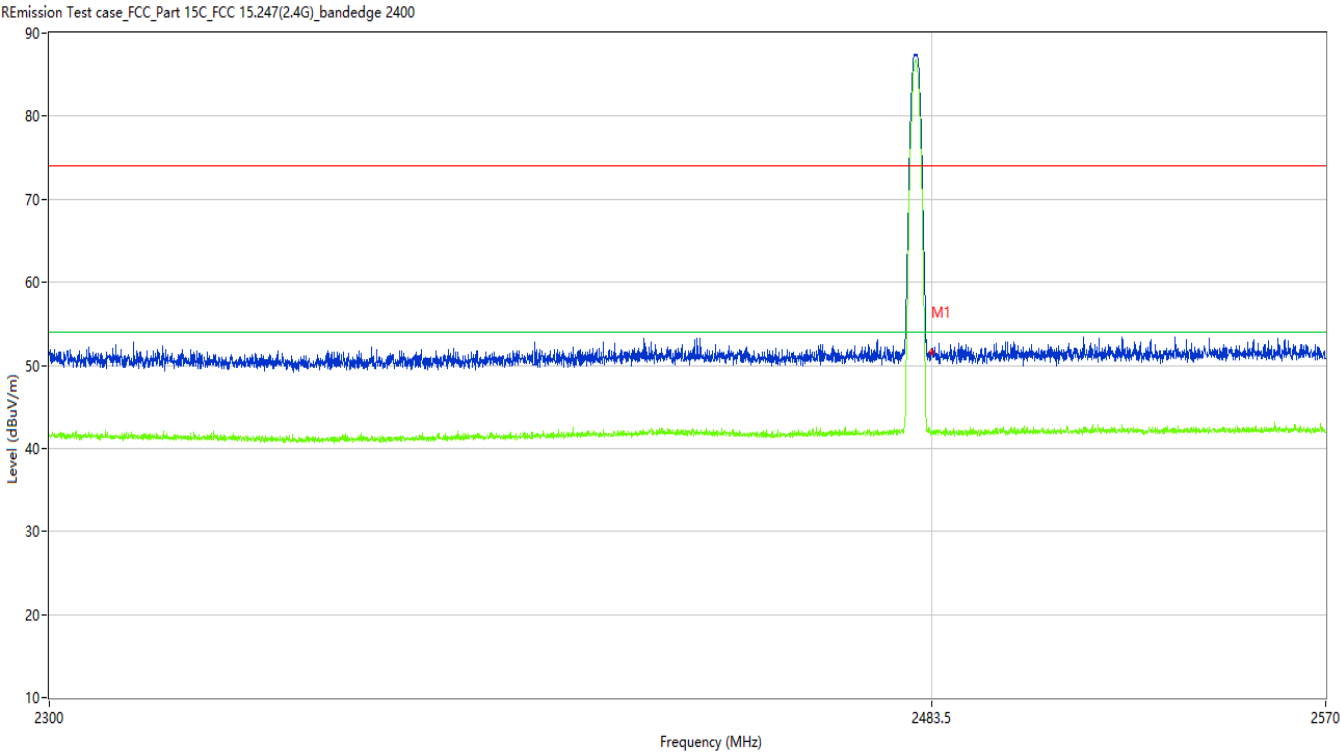


No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	49.68	-9.96	74.0	24.32	Peak	243.80	100	Vertical	Pass
1**	2390.000	41.19	-9.96	54.0	12.81	AV	243.80	100	Vertical	Pass

TEST REPORT

Figure 78: Band Edge, BLE-1M, 2480MHz

Horizontal polarization



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	51.57	-9.51	74.0	22.43	Peak	41.00	100	Horizontal	Pass
1**	2483.500	41.94	-9.51	54.0	12.06	AV	41.00	100	Horizontal	Pass

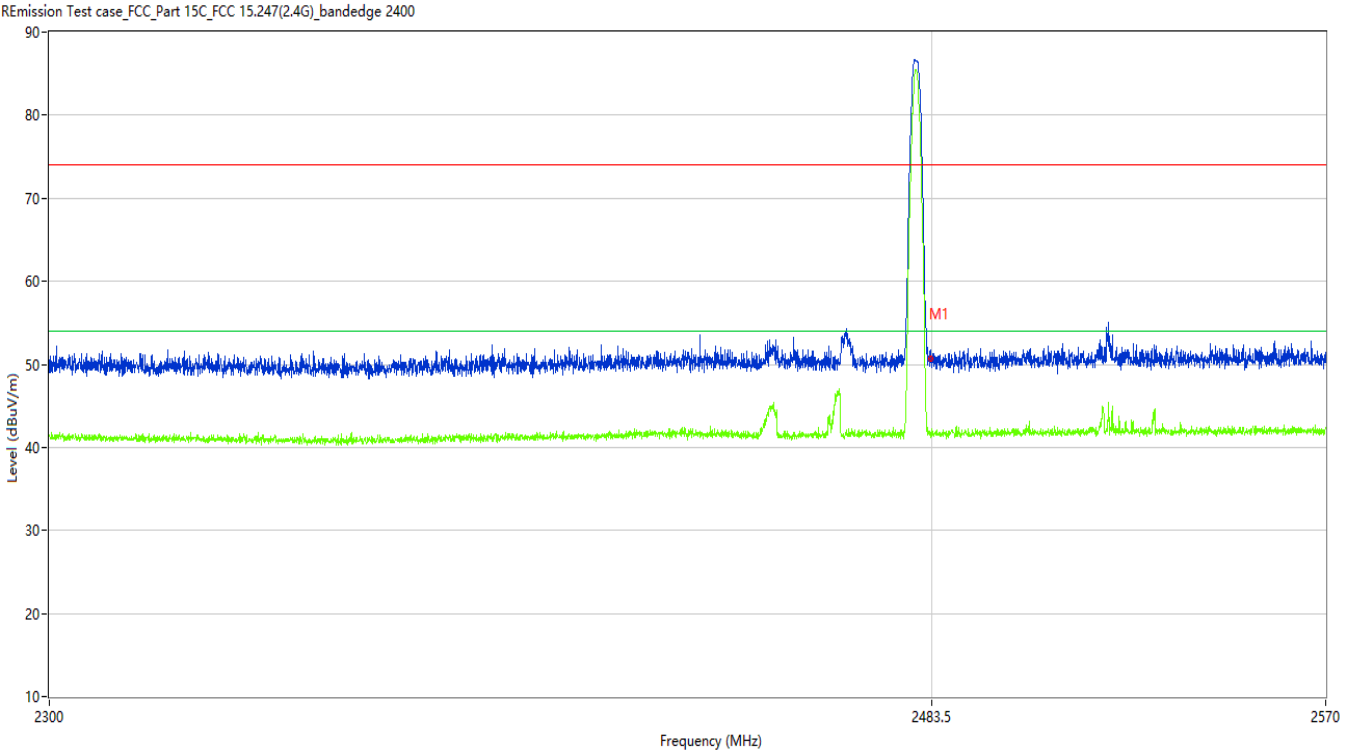
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Vertical polarization

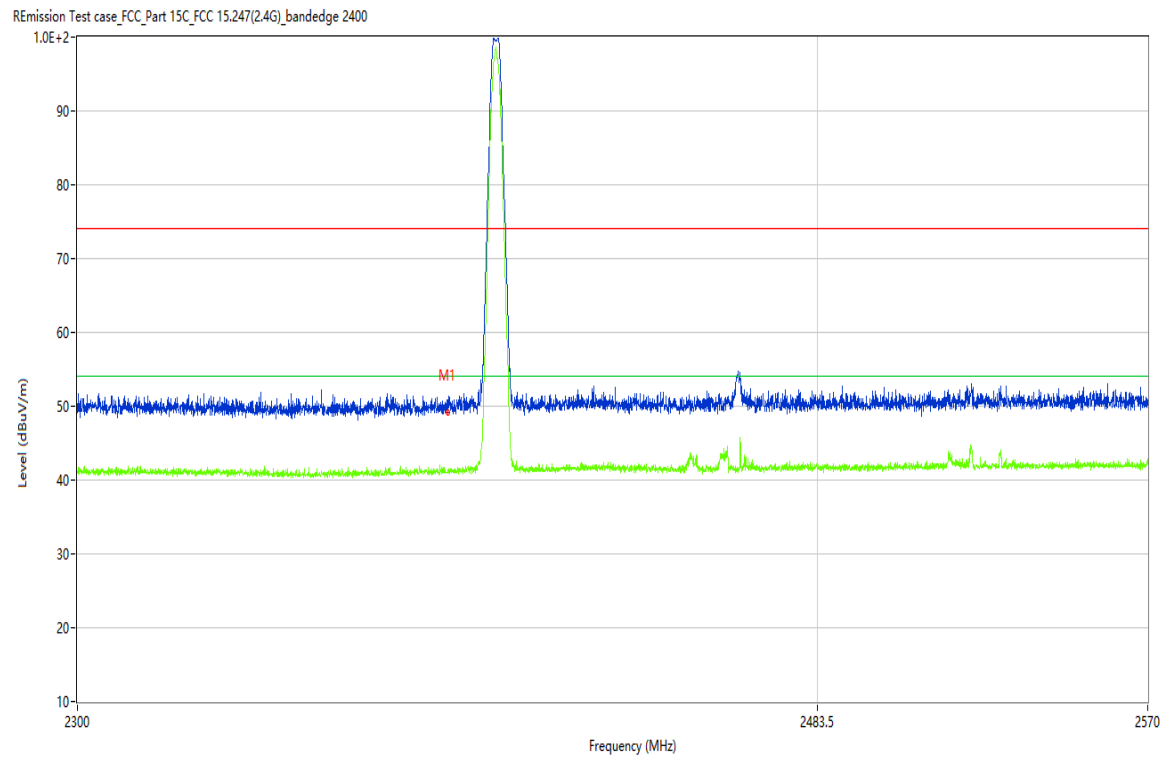


No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	50.54	-9.51	74.0	23.46	Peak	283.42	100	Vertical	Pass
1**	2483.500	41.87	-9.51	54.0	12.13	AV	283.42	100	Vertical	Pass

TEST REPORT

Figure 79: Band Edge, BLE-2M, 2402MHz

Horizontal polarization



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	49.23	-9.96	74.0	24.77	Peak	310.29	100	Horizontal	Pass
1**	2390.000	41.10	-9.96	54.0	12.90	AV	310.29	100	Horizontal	Pass

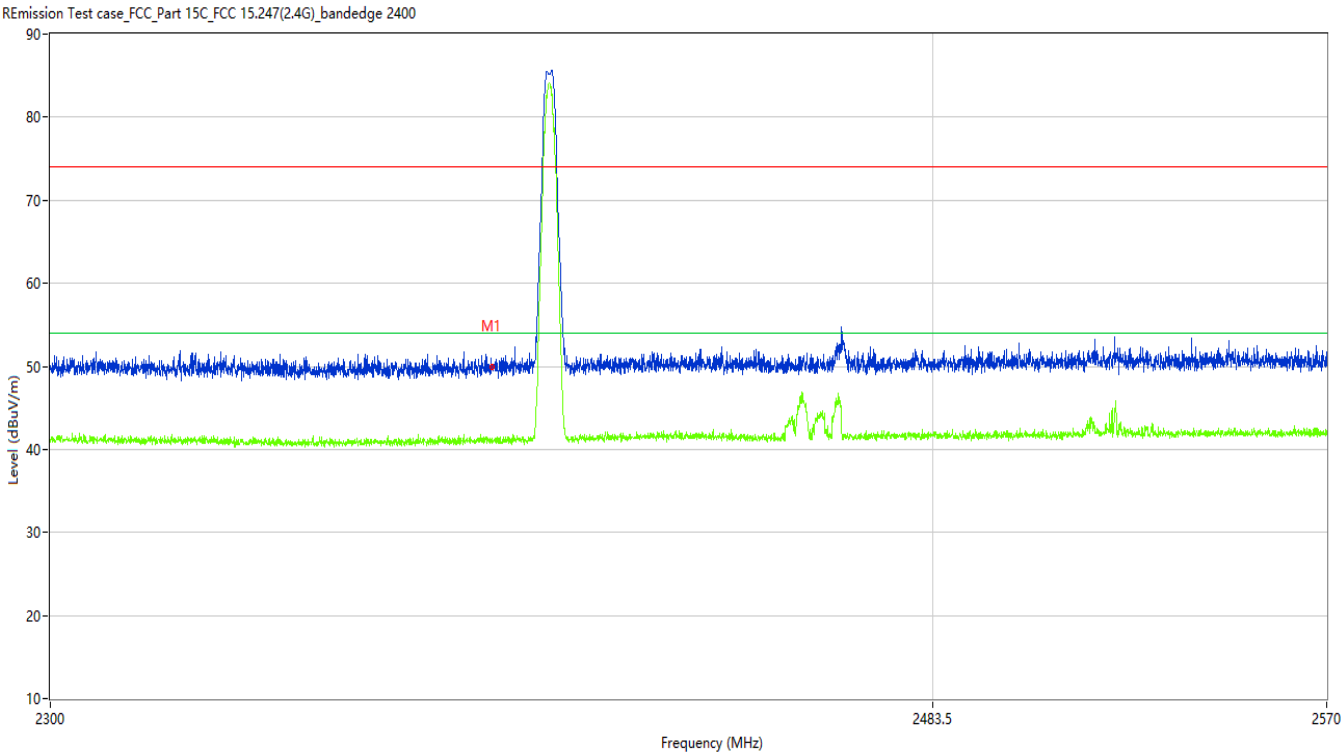
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Vertical polarization

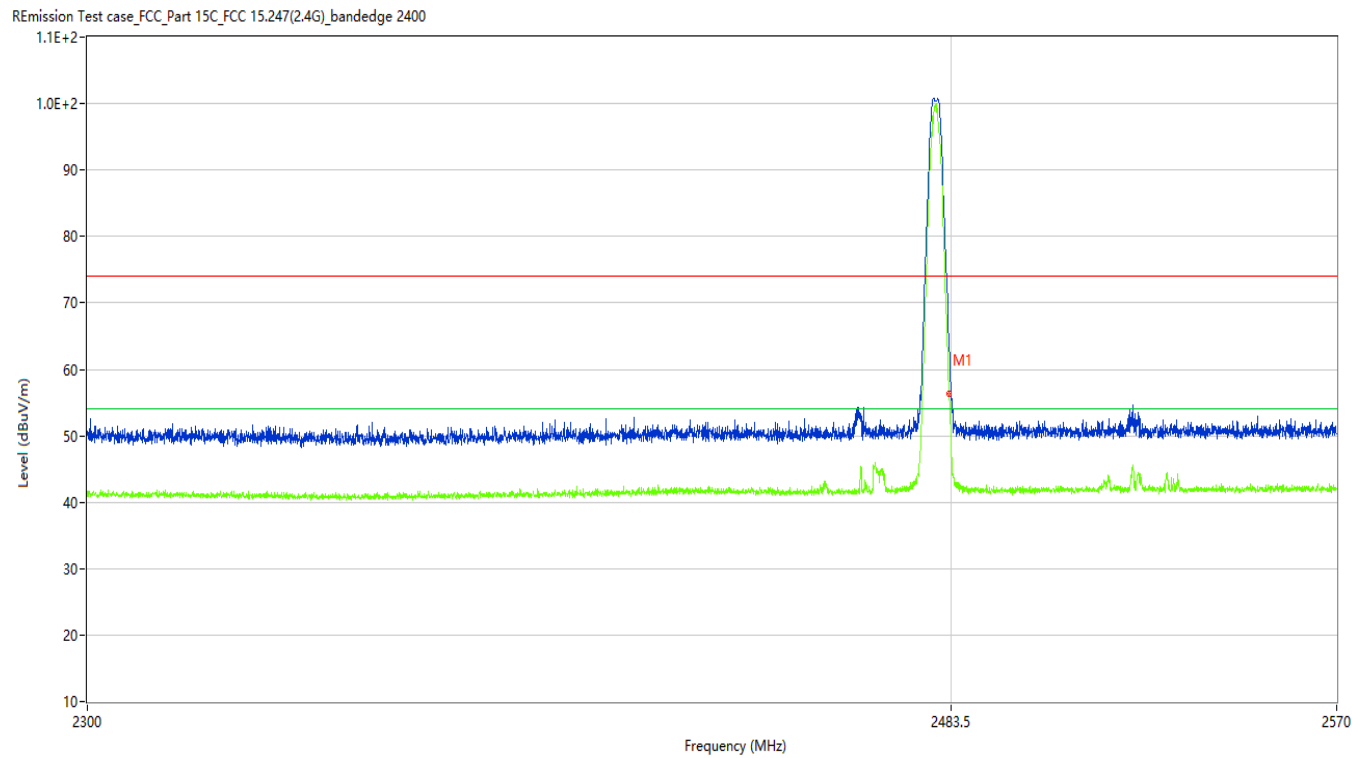


No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	50.06	-9.96	74.0	23.94	Peak	196.39	100	Vertical	Pass
1**	2390.000	41.26	-9.96	54.0	12.74	AV	196.39	100	Vertical	Pass

TEST REPORT

Figure 80: Band Edge, BLE-2M, 2480MHz

Horizontal polarization



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	55.80	-9.51	74.0	18.20	Peak	254.10	100	Horizontal	Pass
1**	2483.500	47.56	-9.51	54.0	6.44	AV	254.10	100	Horizontal	Pass

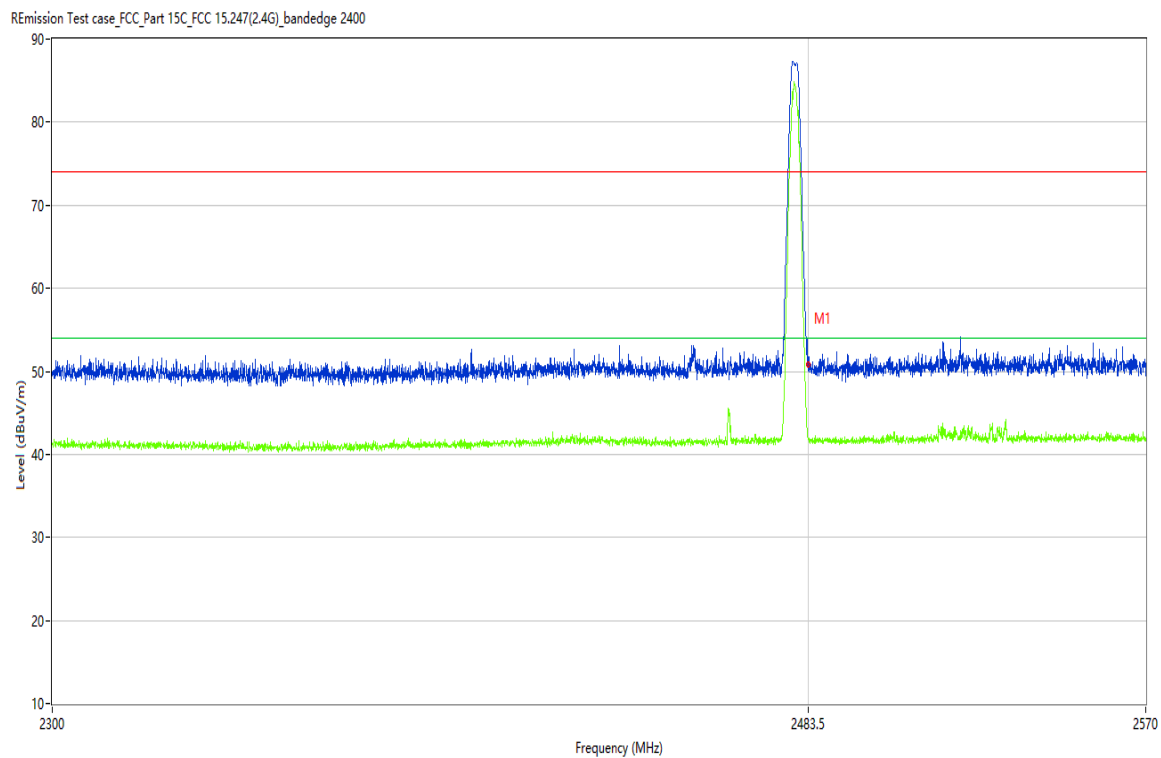
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Vertical polarization



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	50.90	-9.51	74.0	23.10	Peak	171.35	100	Vertical	Pass
1**	2483.500	41.84	-9.51	54.0	12.16	AV	171.35	100	Vertical	Pass

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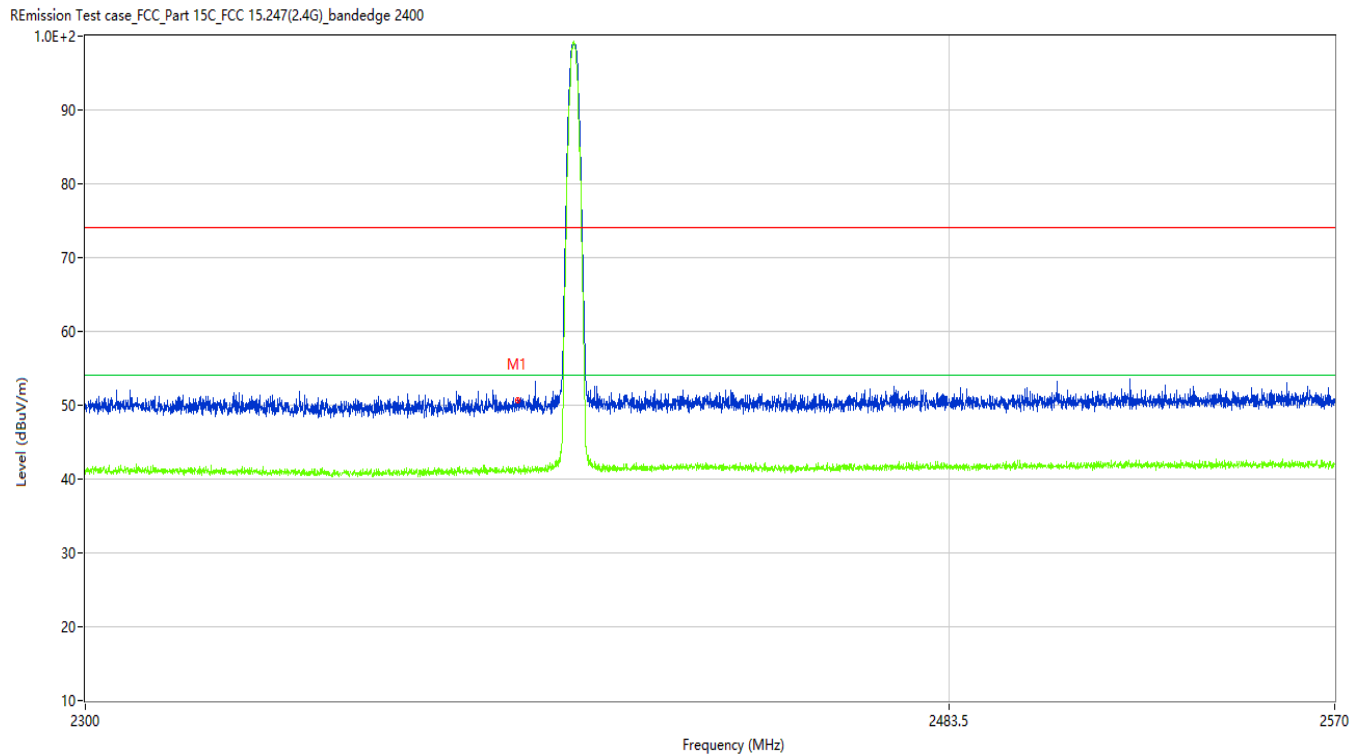
Date: 2023-03-30

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Model: EH-MC25B

Figure 81: Band Edge, BLE-1M, 2402MHz

Horizontal polarization



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	50.49	-9.96	74.0	23.51	Peak	118.51	100	Horizontal	Pass
1**	2390.000	41.23	-9.96	54.0	12.77	AV	118.51	100	Horizontal	Pass

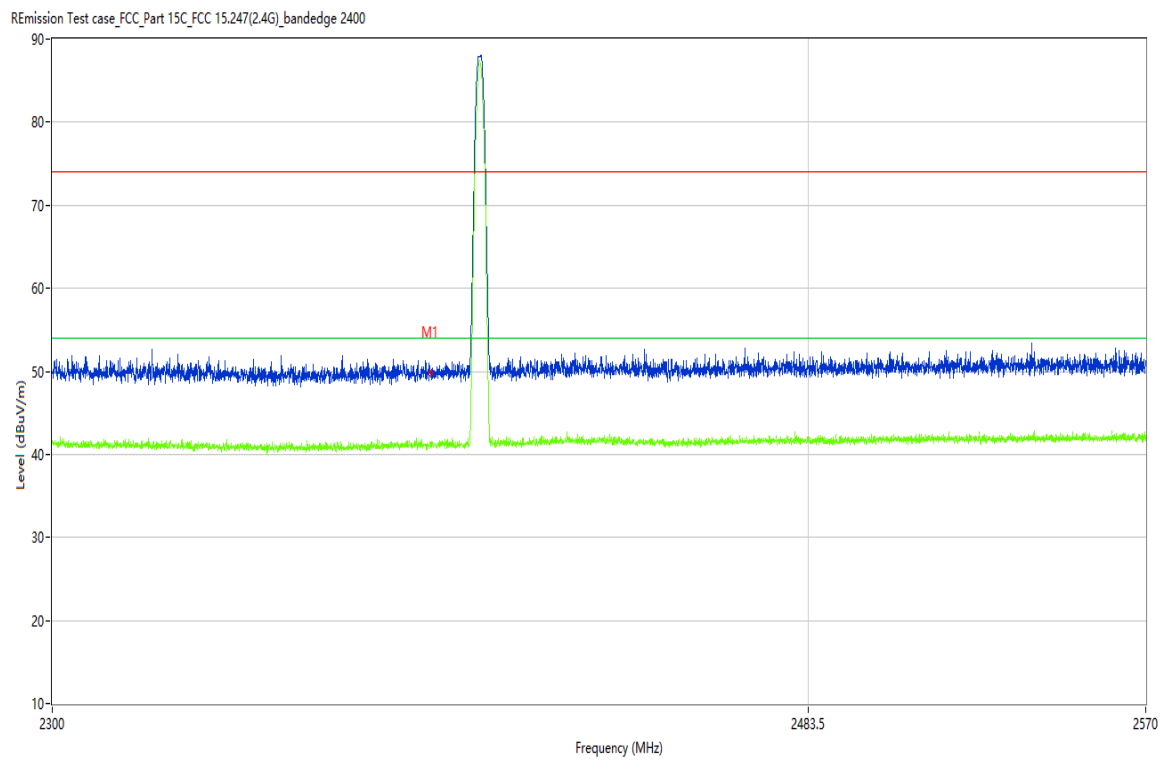
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Vertical polarization

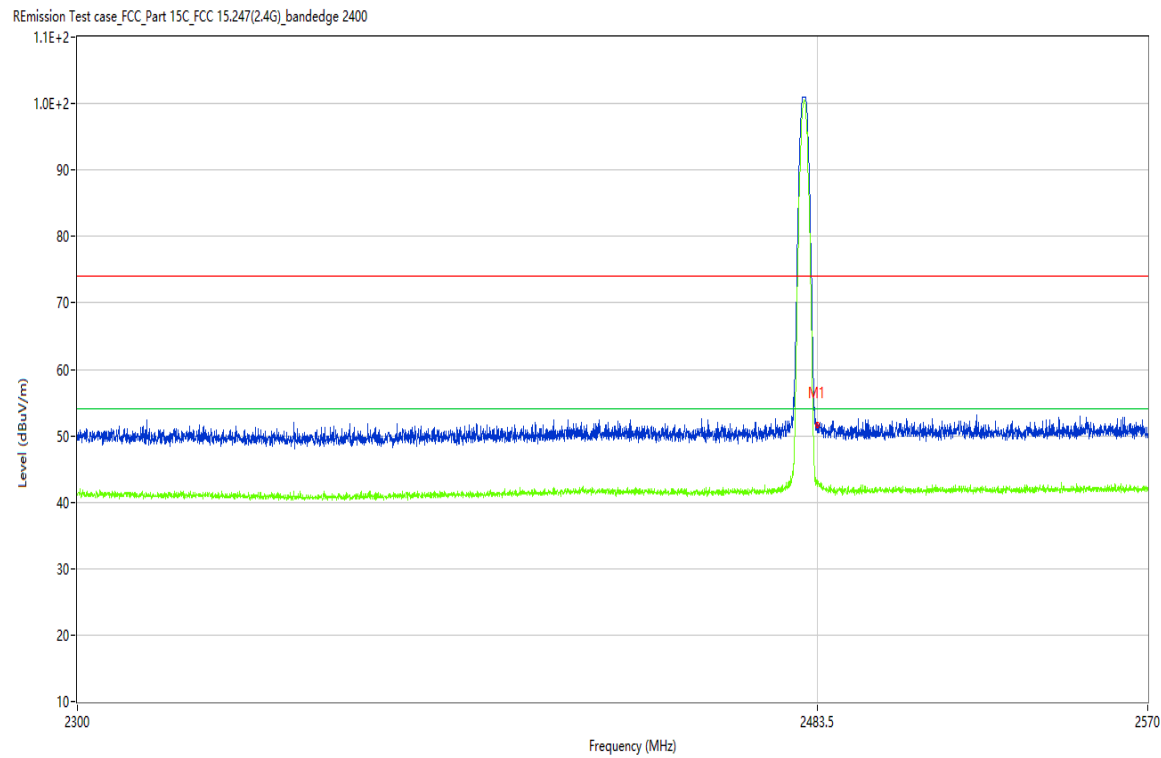


No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	49.79	-9.96	74.0	24.21	Peak	253.64	100	Vertical	Pass
1**	2390.000	40.99	-9.96	54.0	13.01	AV	253.64	100	Vertical	Pass

TEST REPORT

Figure 82: Band Edge, BLE-1M, 2480MHz

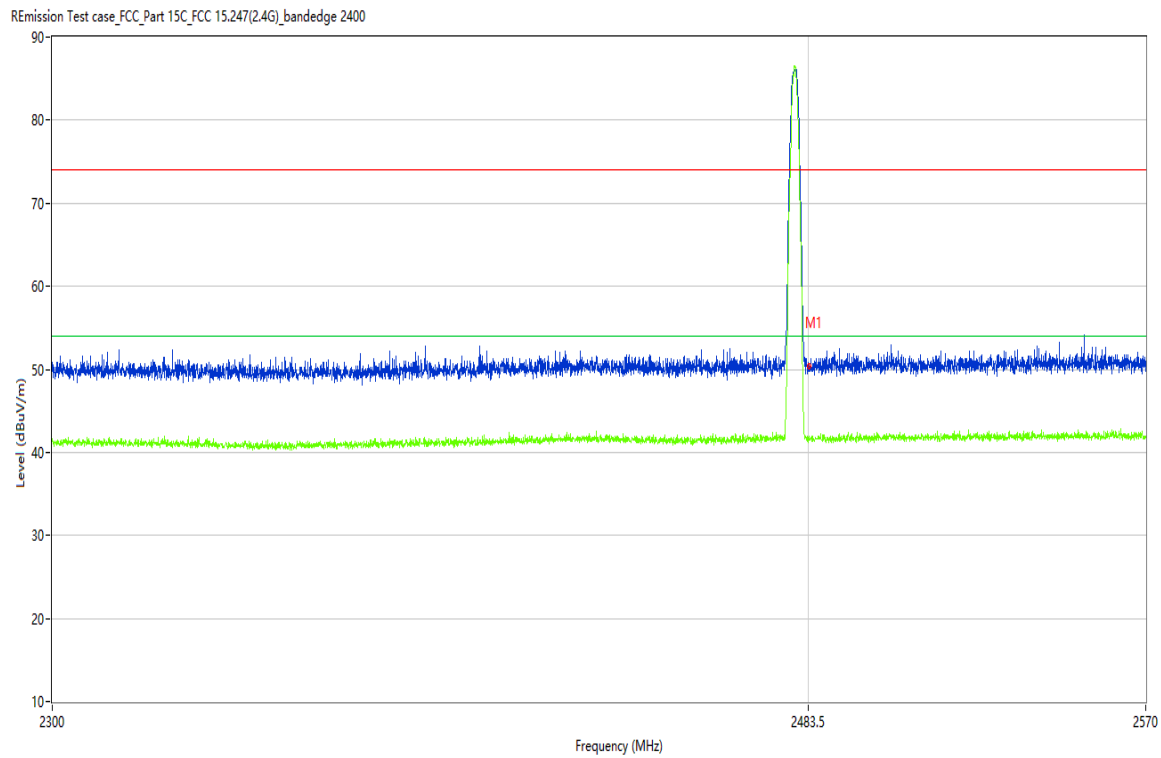
Horizontal polarization



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	51.55	-9.51	74.0	22.45	Peak	172.47	100	Horizontal	Pass
1**	2483.500	43.14	-9.51	54.0	10.86	AV	172.47	100	Horizontal	Pass

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Vertical polarization

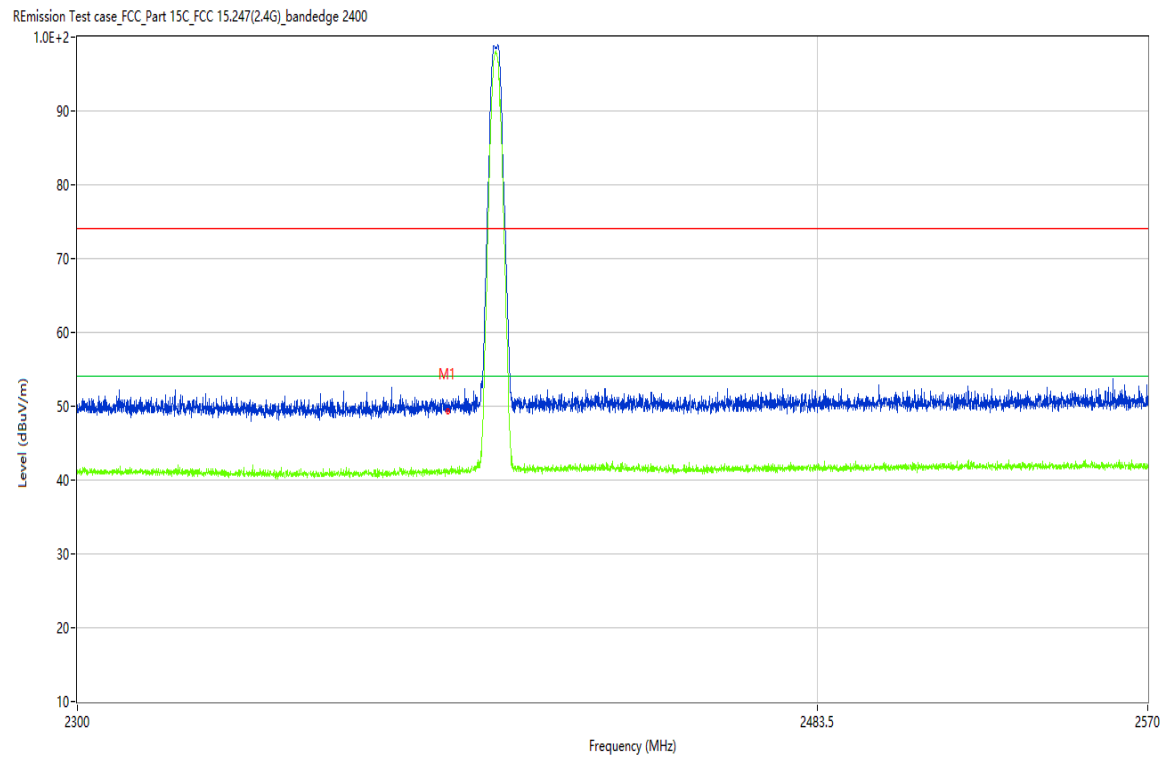


No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	50.33	-9.51	74.0	23.67	Peak	224.47	100	Vertical	Pass
1**	2483.500	41.45	-9.51	54.0	12.55	AV	224.47	100	Vertical	Pass

TEST REPORT

Figure 83: Band Edge, BLE-2M, 2402MHz

Horizontal polarization



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	49.56	-9.96	74.0	24.44	Peak	60.68	100	Horizontal	Pass
1**	2390.000	41.37	-9.96	54.0	12.63	AV	60.68	100	Horizontal	Pass

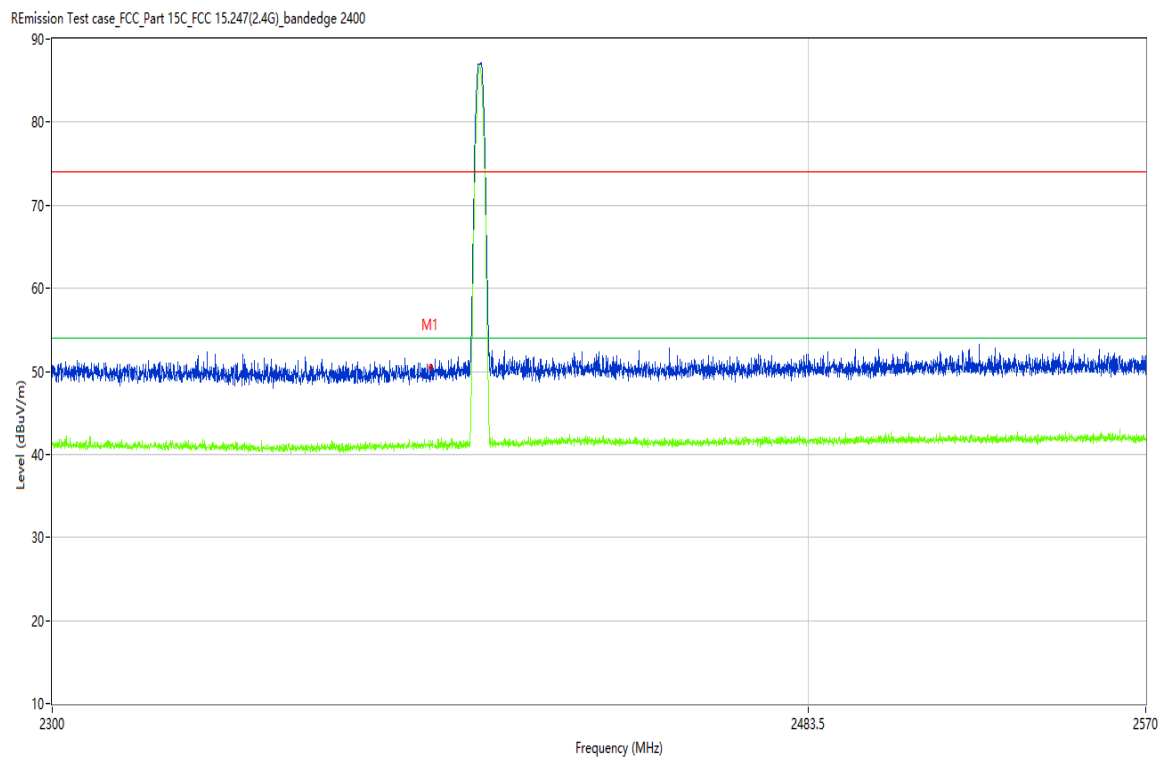
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Vertical polarization



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	50.43	-9.96	74.0	23.57	Peak	222.71	100	Vertical	Pass
1**	2390.000	41.10	-9.96	54.0	12.90	AV	222.71	100	Vertical	Pass

TEST REPORT

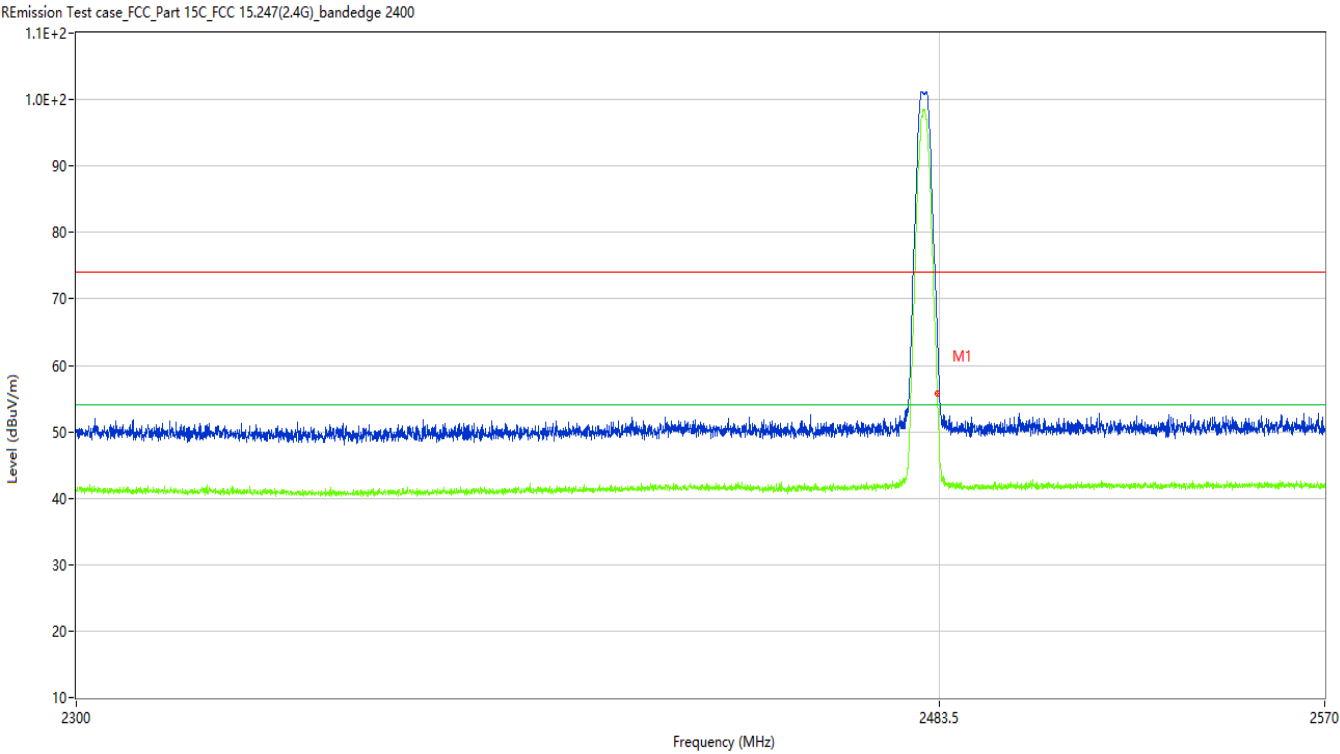
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Figure 84: Band Edge, BLE-2M, 2480MHz

Horizontal polarization



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	55.68	-9.51	74.0	18.32	Peak	245.30	100	Horizontal	Pass
1**	2483.500	46.46	-9.51	54.0	7.54	AV	245.30	100	Horizontal	Pass

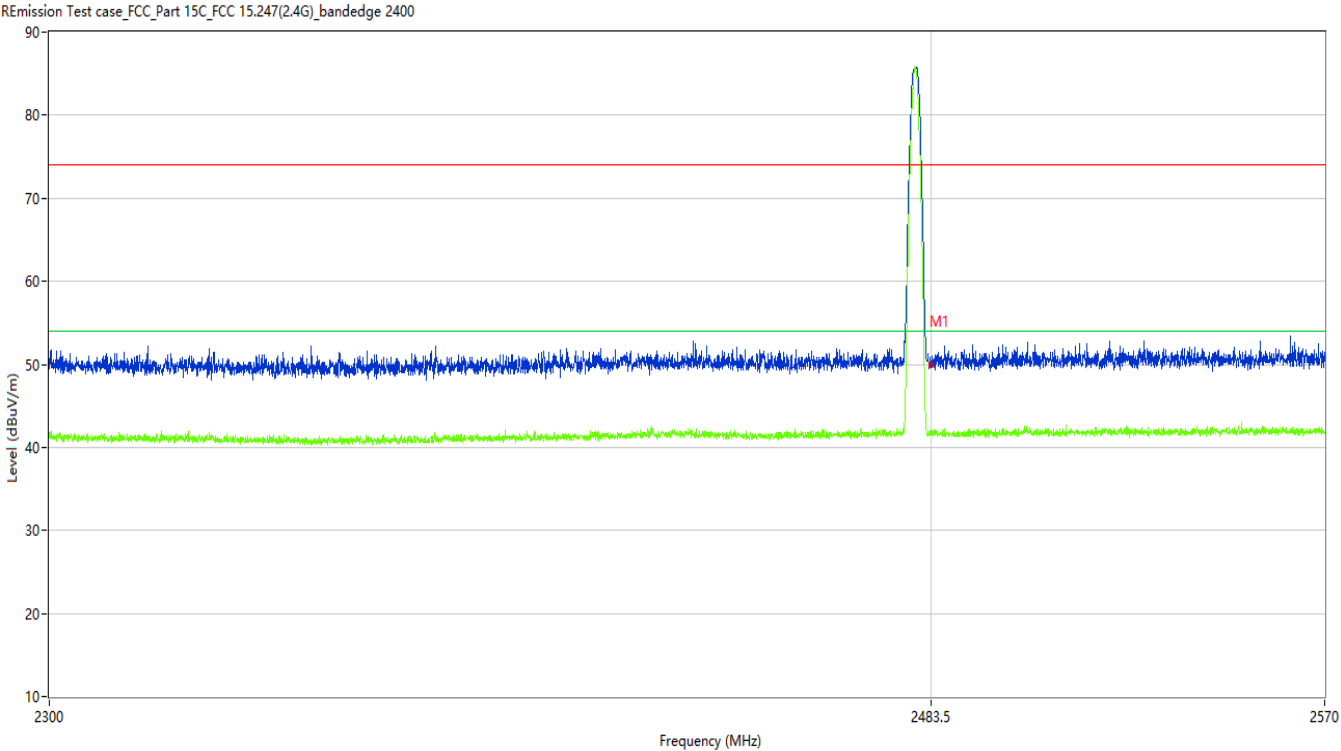
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Vertical polarization



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	50.10	-9.51	74.0	23.90	Peak	299.18	100	Vertical	Pass
1**	2483.500	41.78	-9.51	54.0	12.22	AV	299.18	100	Vertical	Pass

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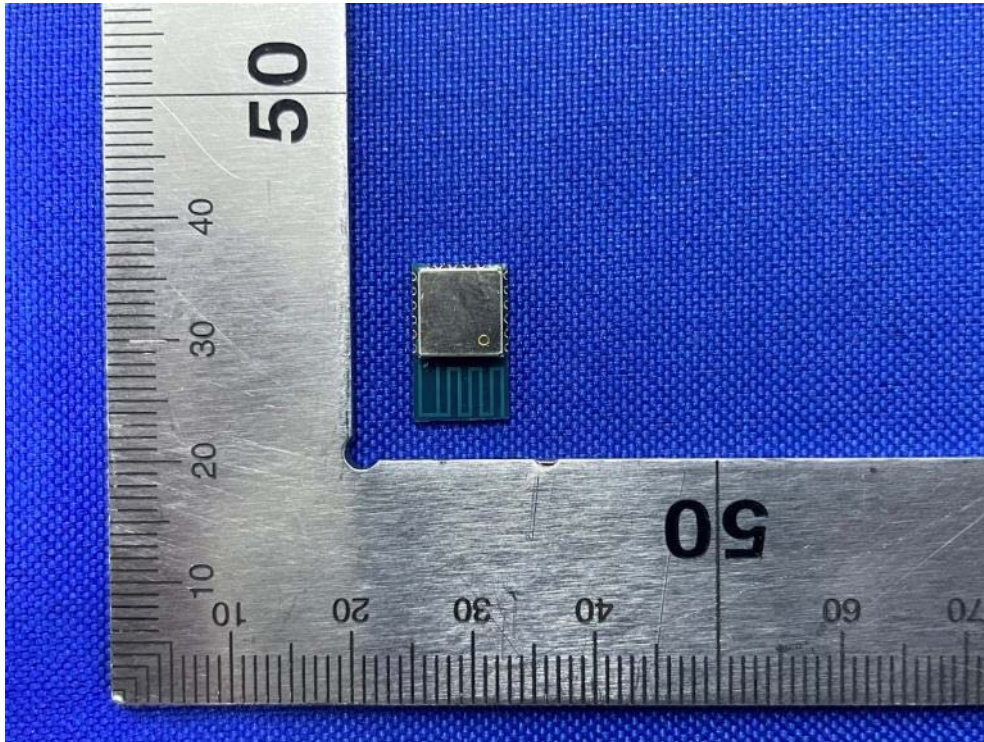
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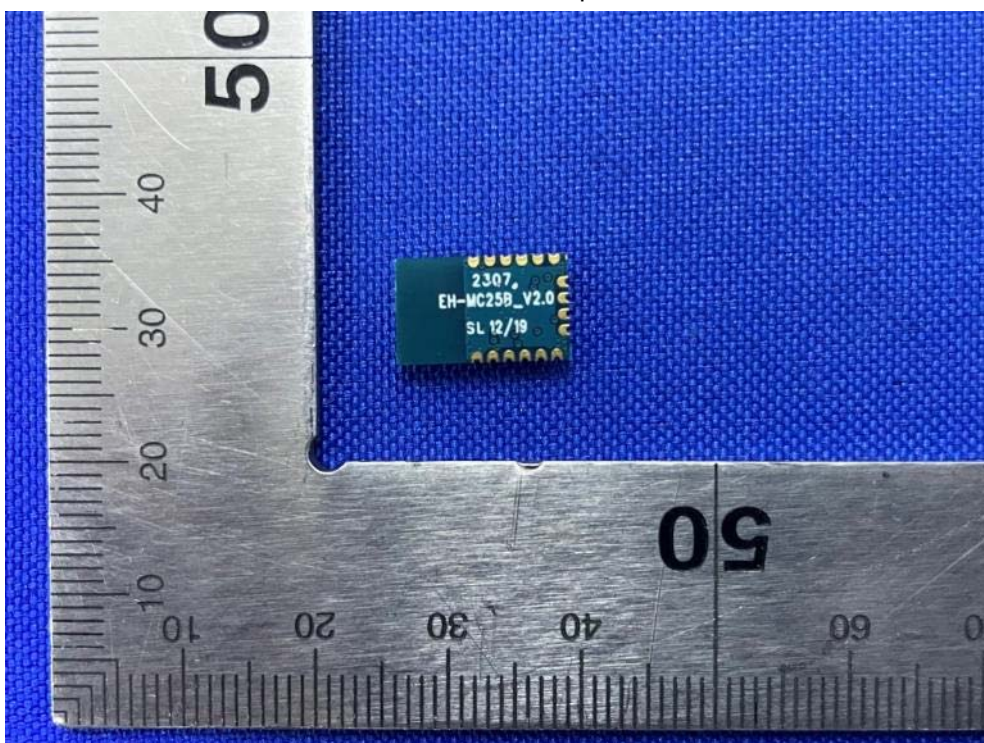
5 Appendixes

5.1 Photographs of the Sample

Model:EH-MC25



Front of the sample



TEST REPORT

Report No.:

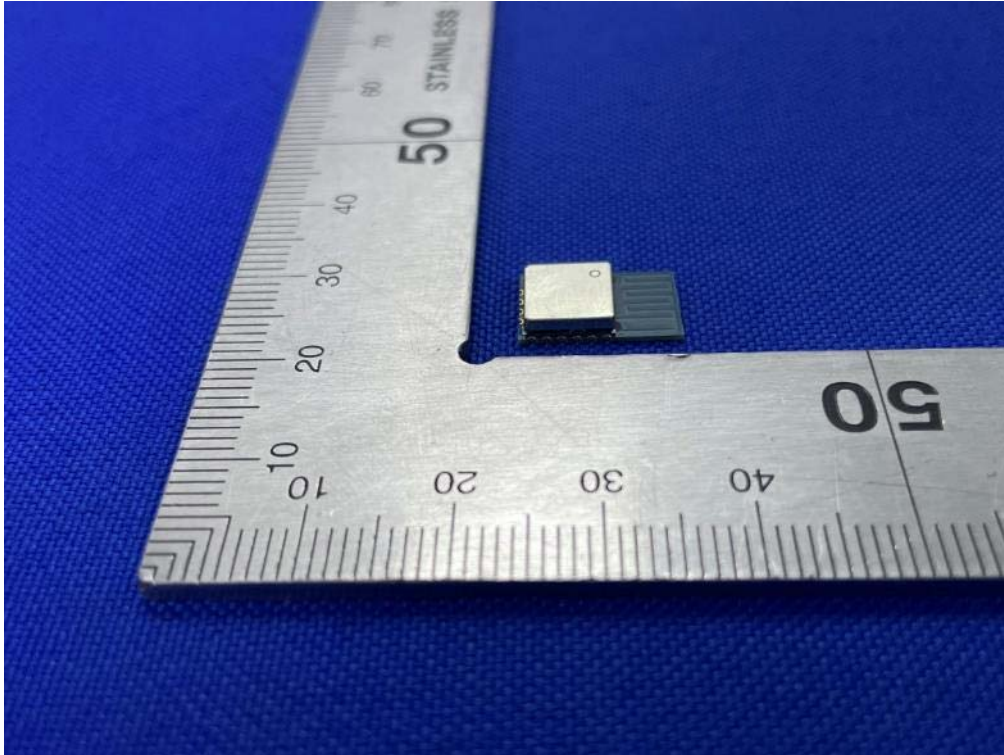
SHE23020098-02AE

Date:

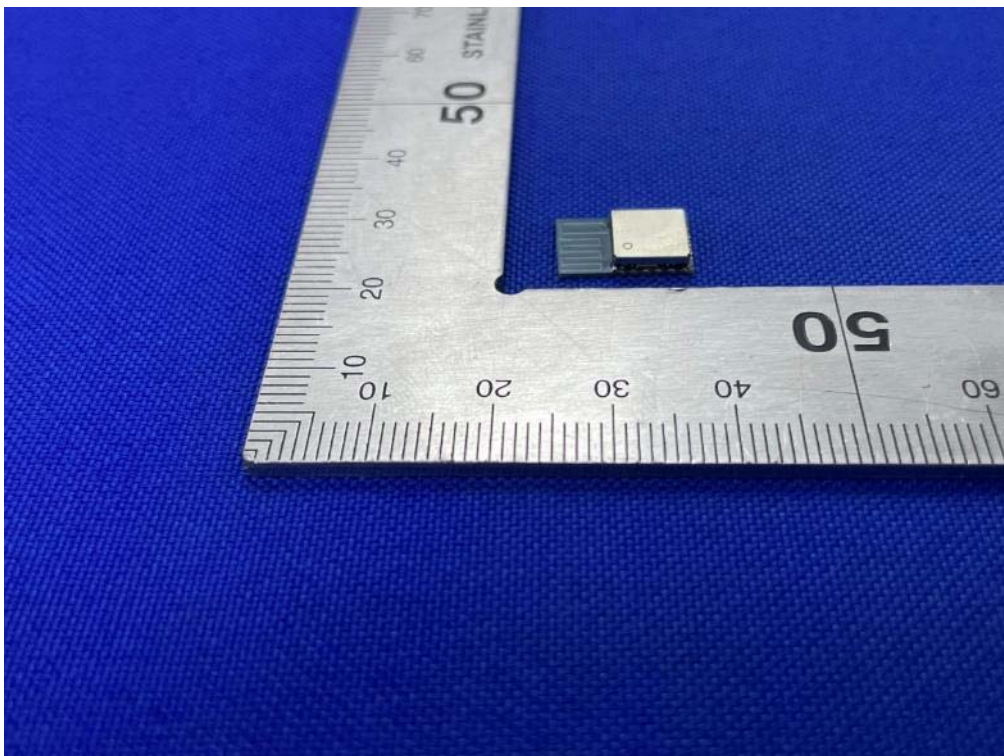
2023-03-30

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Rear of the sample



Left of the sample



Right of the sample

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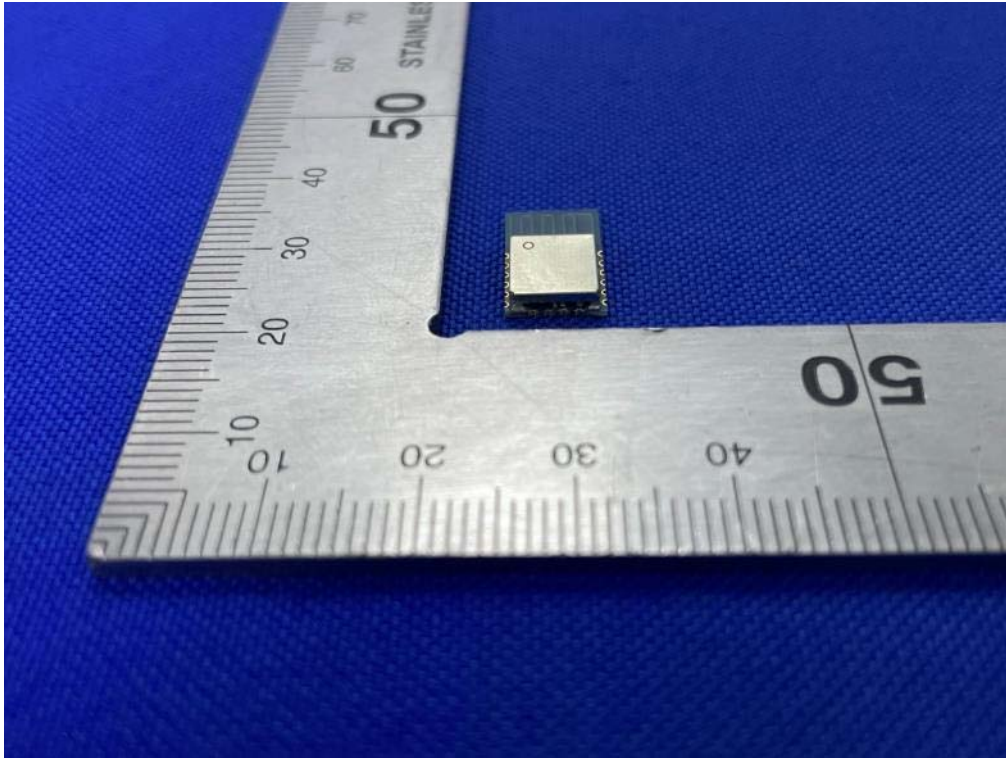
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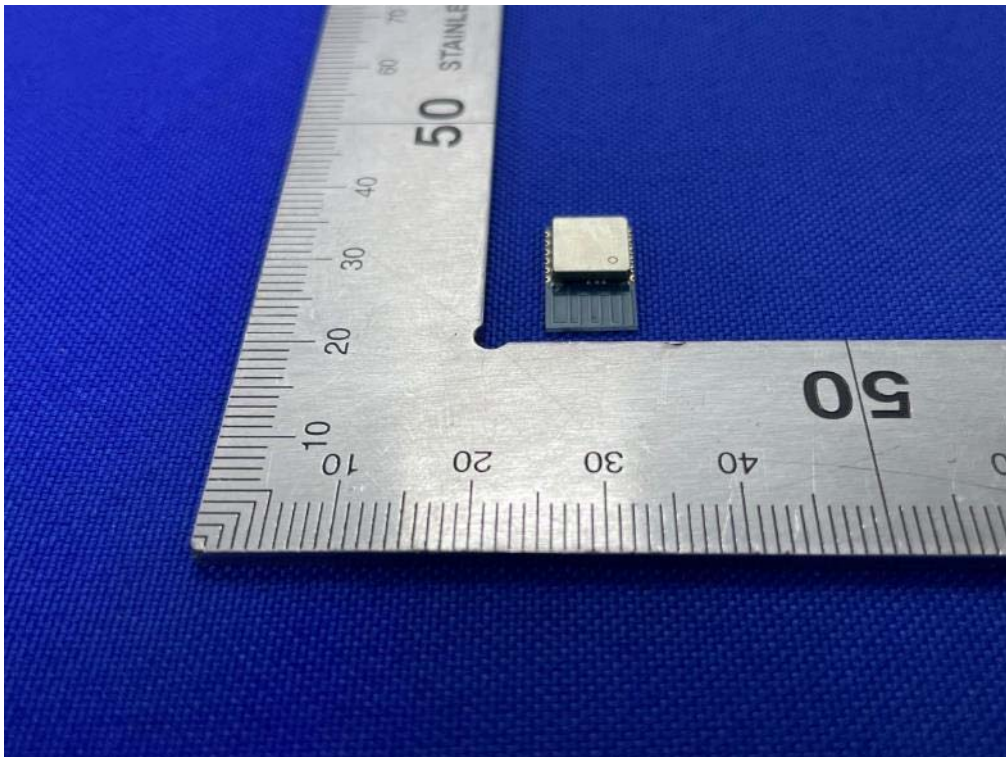
Date:

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Top of the sample



Bottom of the sample

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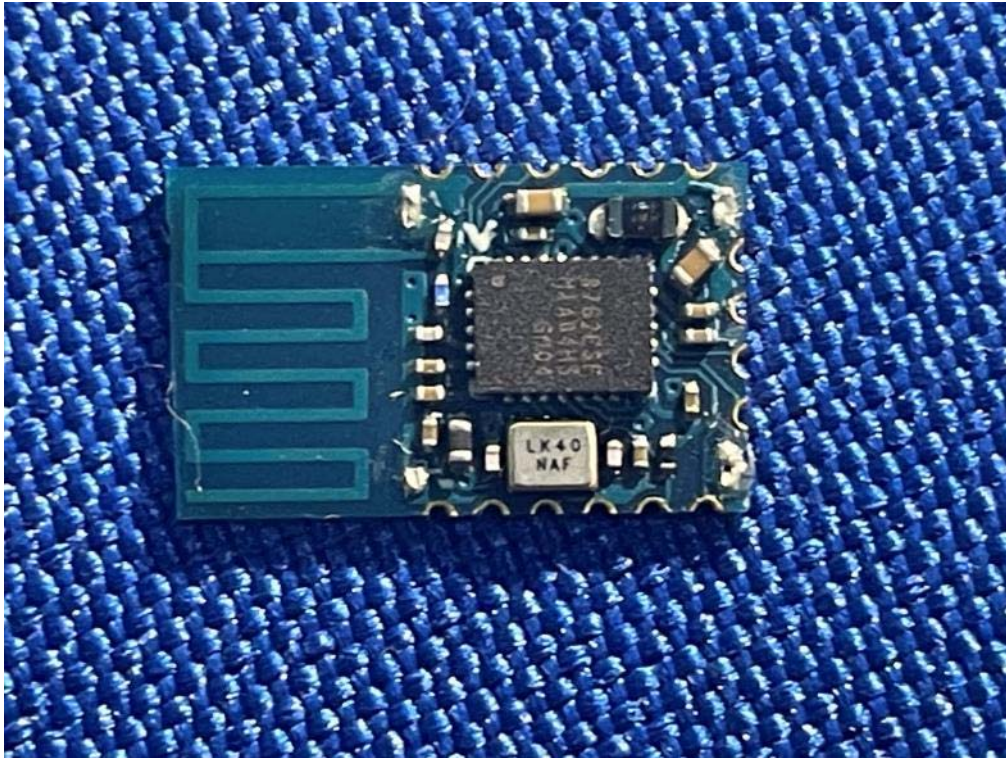
Report No.:

SHE23020098-02AE

Date:

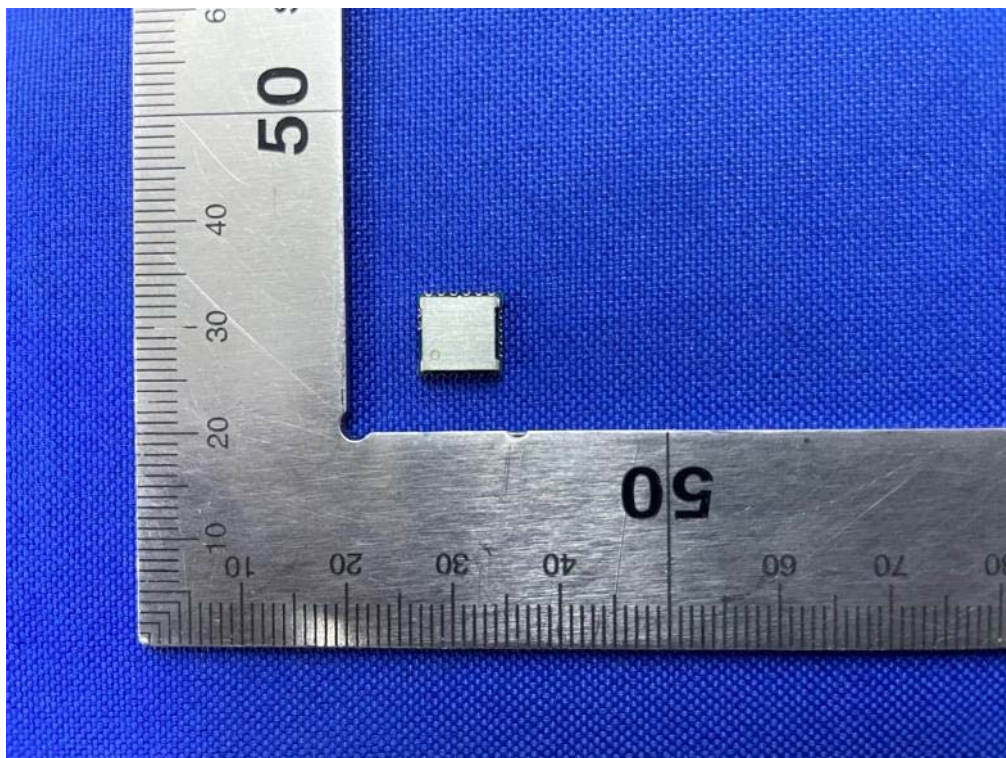
2023-03-30

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Internal of the sample

Model:EH-MC25B



Front of the sample

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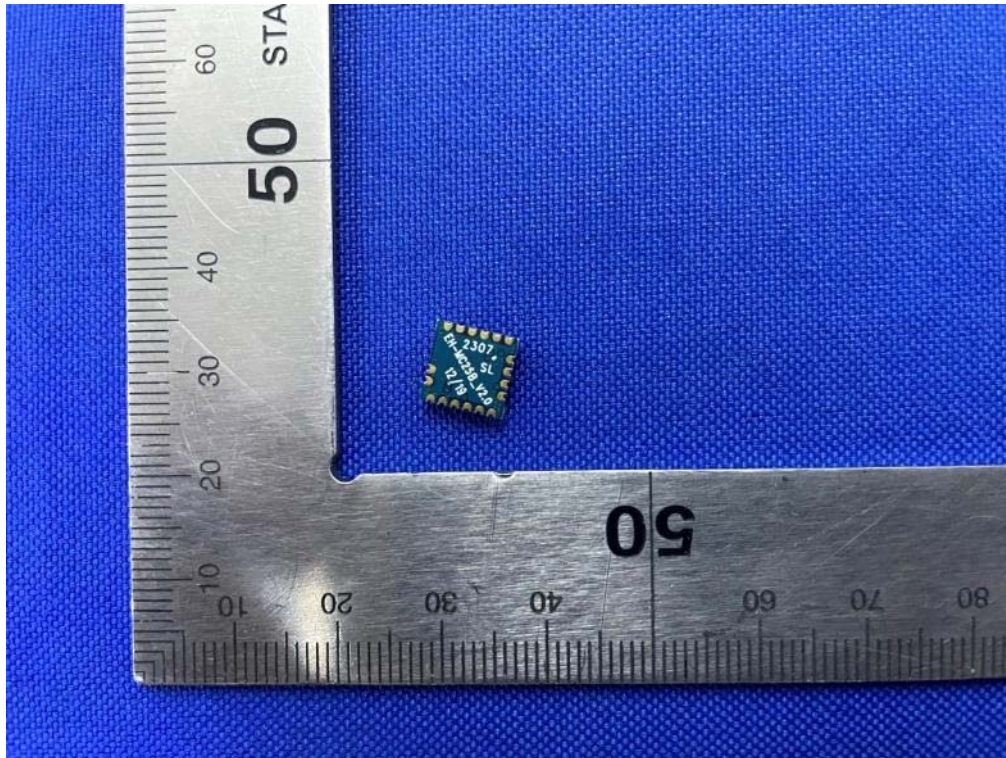
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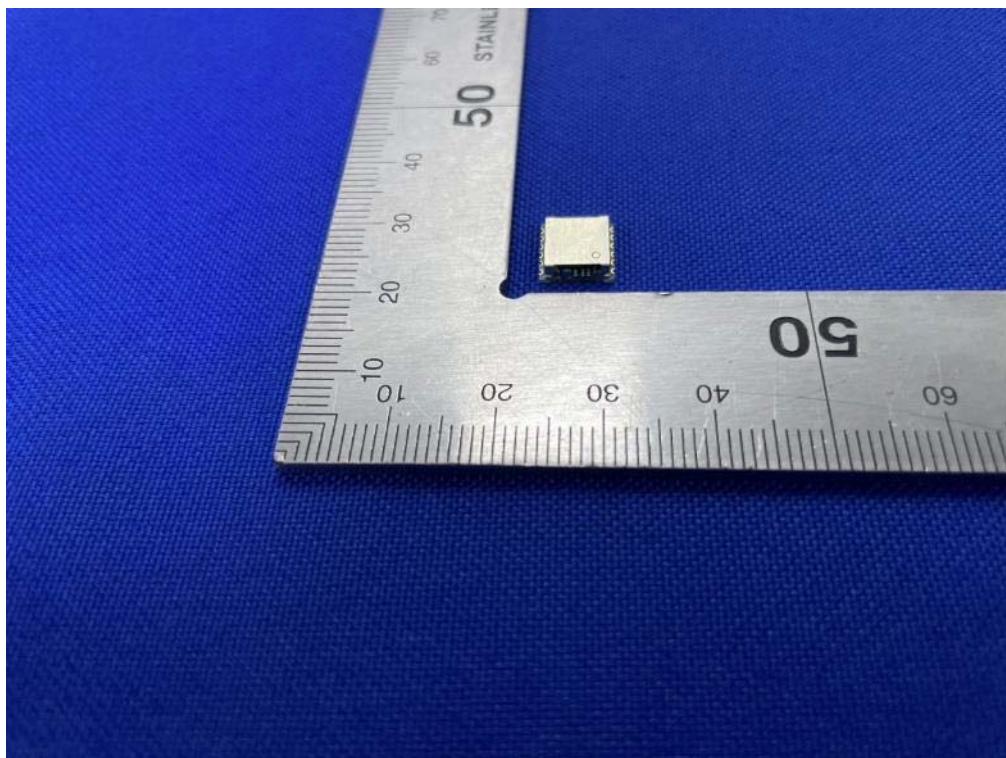
Date:

2023-03-30

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Rear of the sample



Left of the sample

TEST REPORT

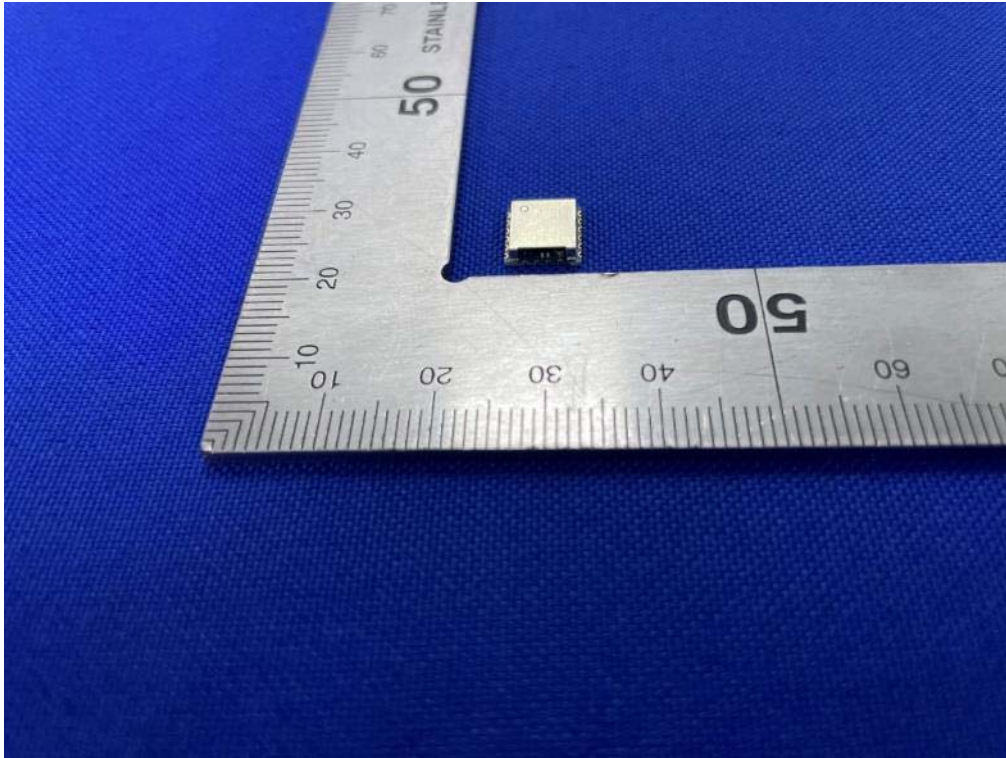
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SHE23020098-02AE

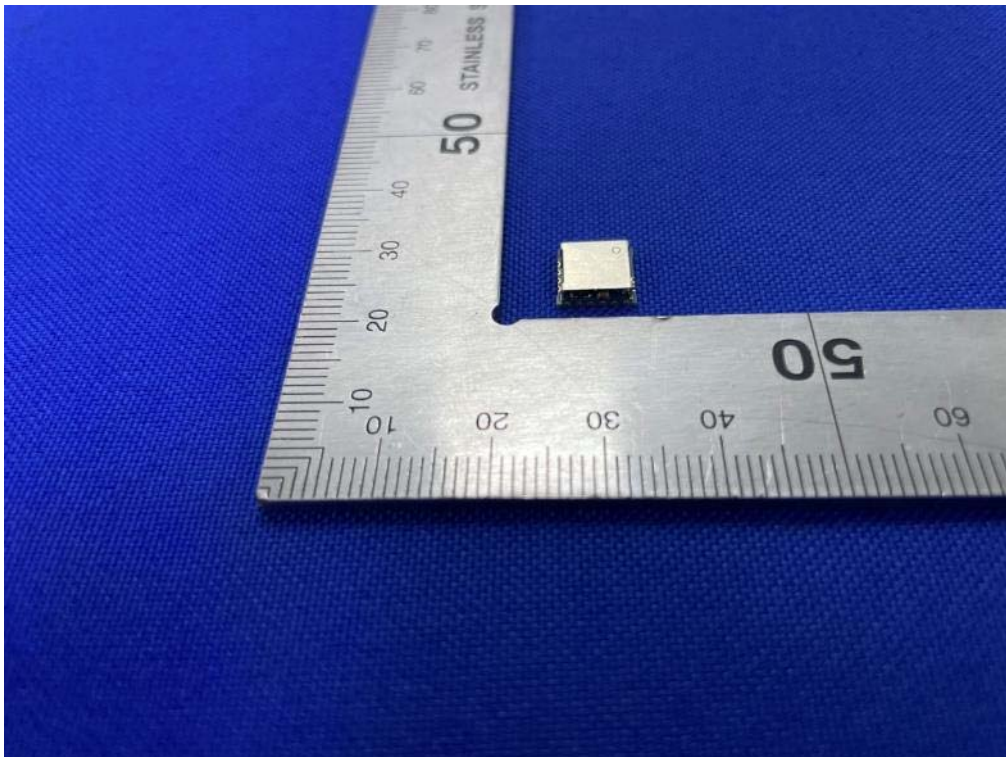
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Right of the sample



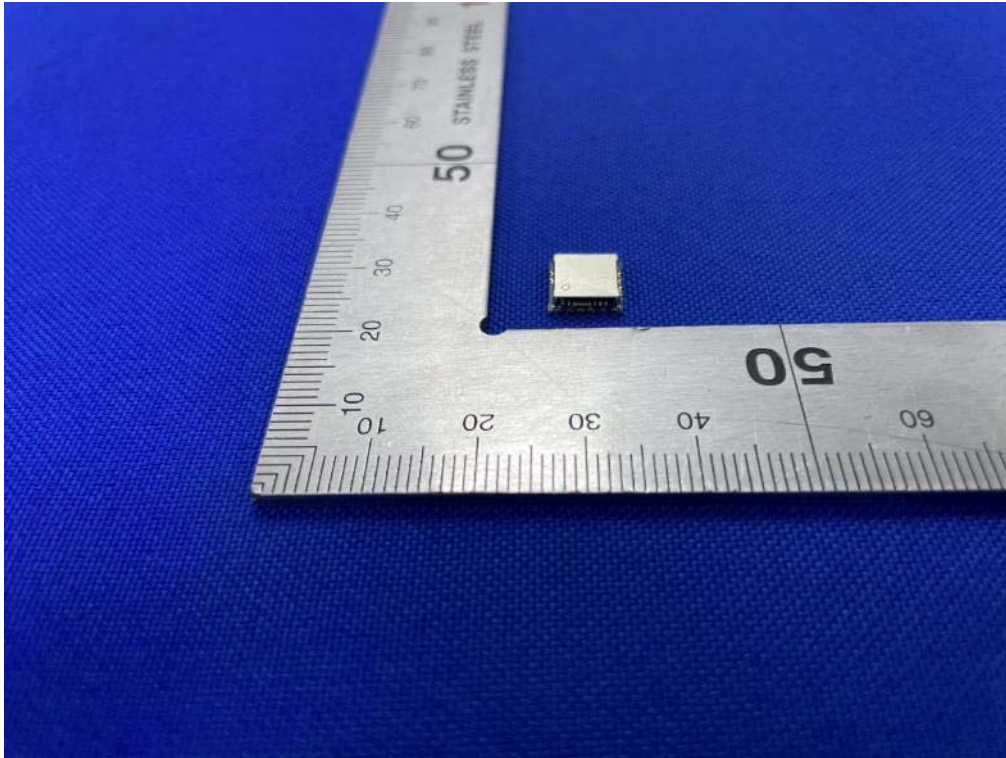
Top of the sample

TEST REPORT

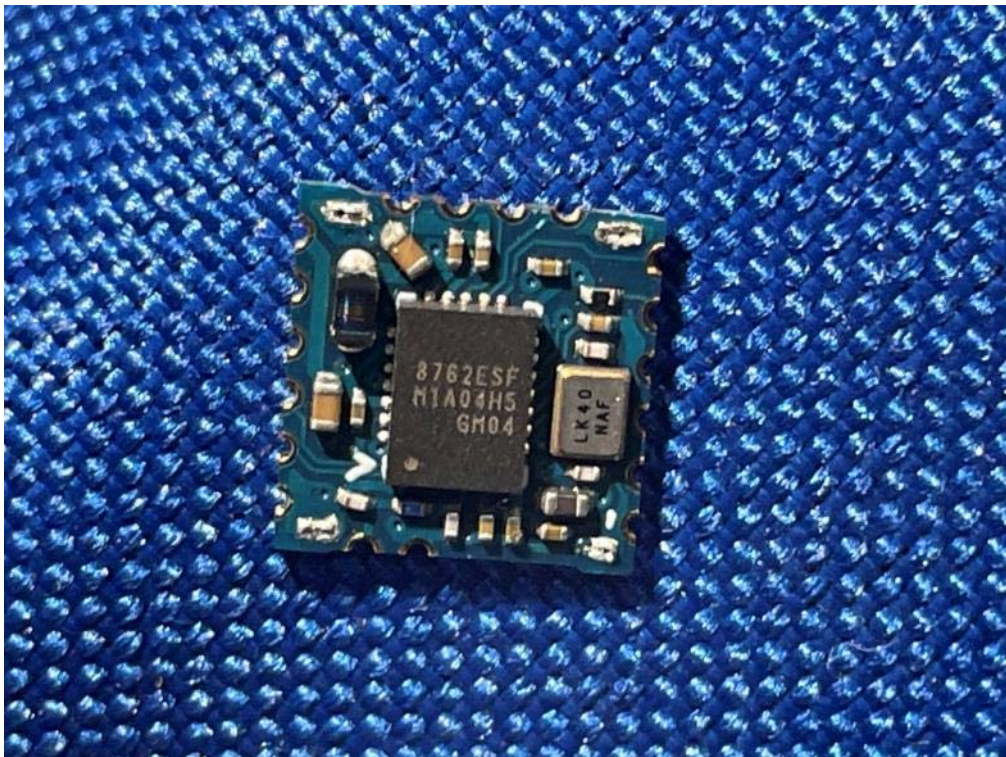
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Bottom of the sample



Internal of the sample

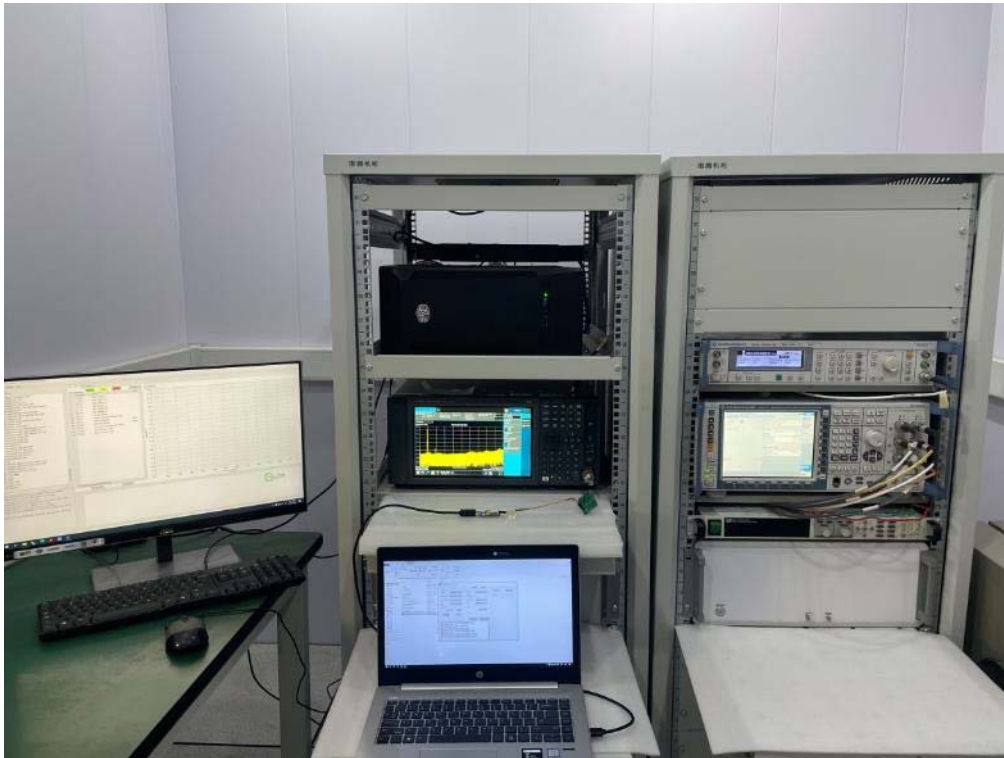
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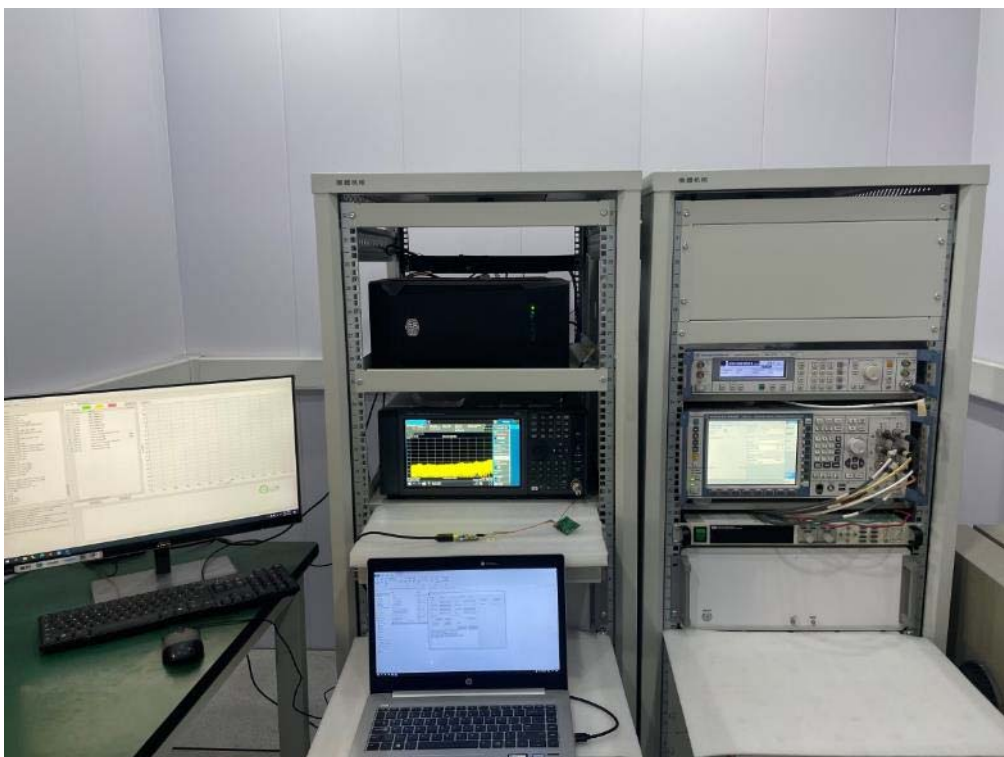
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5.2 Set-up for Conducted RF test at Antenna Port



Model:EH-MC25



Model:EH-MC25B

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5.3 Set-up for Spurious Emissions below 1GHz



Model:EH-MC25



Model:EH-MC25B

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5.4 Set-up for Spurious Emissions above 1GHz



Model:EH-MC25



Model:EH-MC25B

End of the report