

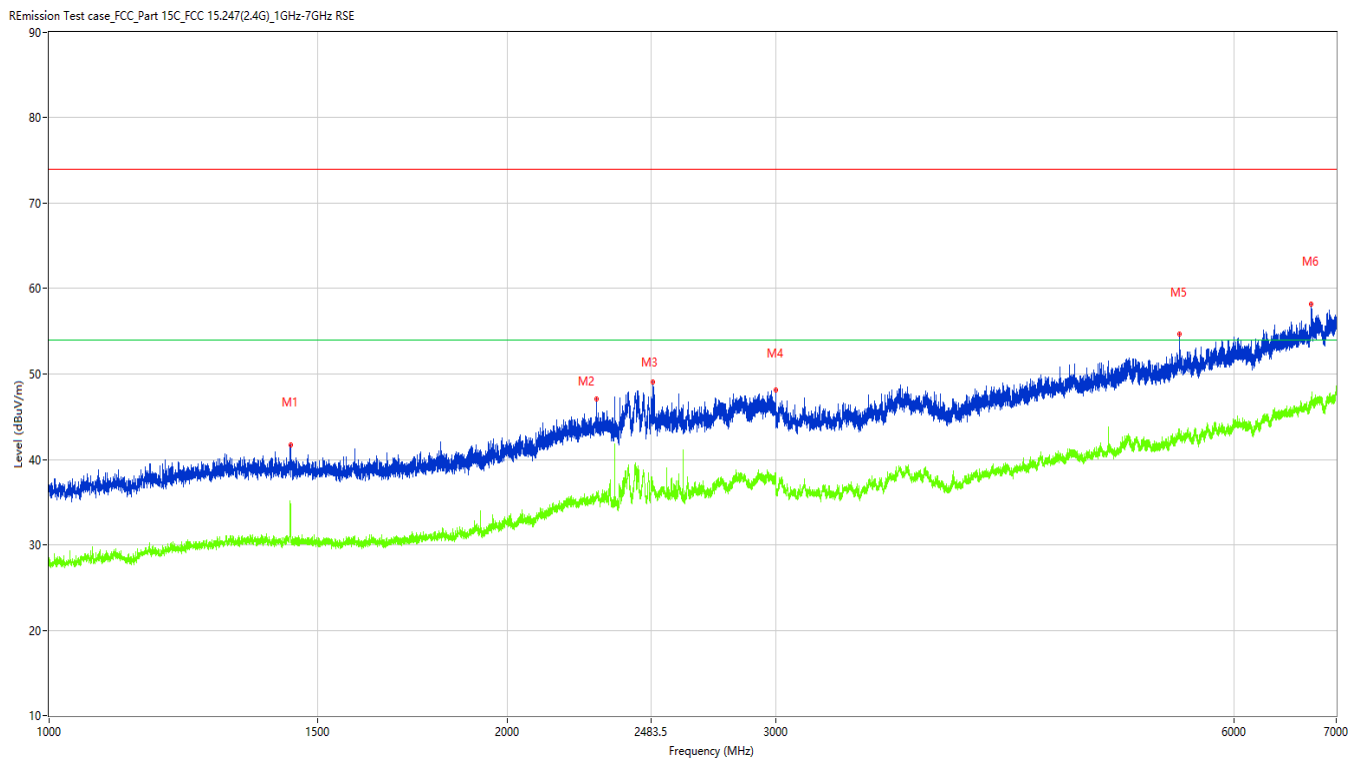
TEST REPORT

Report No.: SHE23010029-02AE

Date: 2023-01-30

Page 51 of 90

Figure 58: The plots of Radiated Emission, 2480MHz,1GHz-7GHz, BLE-1M, Vertical polarization



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1440.195	41.74	-12.73	74.0	32.26	Peak	334.10	100	Vertical	Pass
1**	1440.195	34.60	-12.73	54.0	19.40	AV	334.10	100	Vertical	Pass
2	2288.089	47.08	-7.51	74.0	26.92	Peak	111.00	100	Vertical	Pass
2**	2288.089	36.15	-7.51	54.0	17.85	AV	111.00	100	Vertical	Pass
3	2492.313	49.01	-5.67	74.0	24.99	Peak	214.20	100	Vertical	Pass
3**	2492.313	37.03	-5.67	54.0	16.97	AV	214.20	100	Vertical	Pass
4	2999.000	48.12	-3.05	74.0	25.88	Peak	255.20	100	Vertical	Pass
4**	2999.000	37.84	-3.05	54.0	16.16	AV	255.20	100	Vertical	Pass
5	5525.684	54.71	1.43	74.0	19.29	Peak	40.40	100	Vertical	Pass
5**	5525.684	43.57	1.43	54.0	10.43	AV	40.40	100	Vertical	Pass
6	6743.032	58.13	4.78	74.0	15.87	Peak	352.20	100	Vertical	Pass
6**	6743.032	46.69	4.78	54.0	7.31	AV	352.20	100	Vertical	Pass

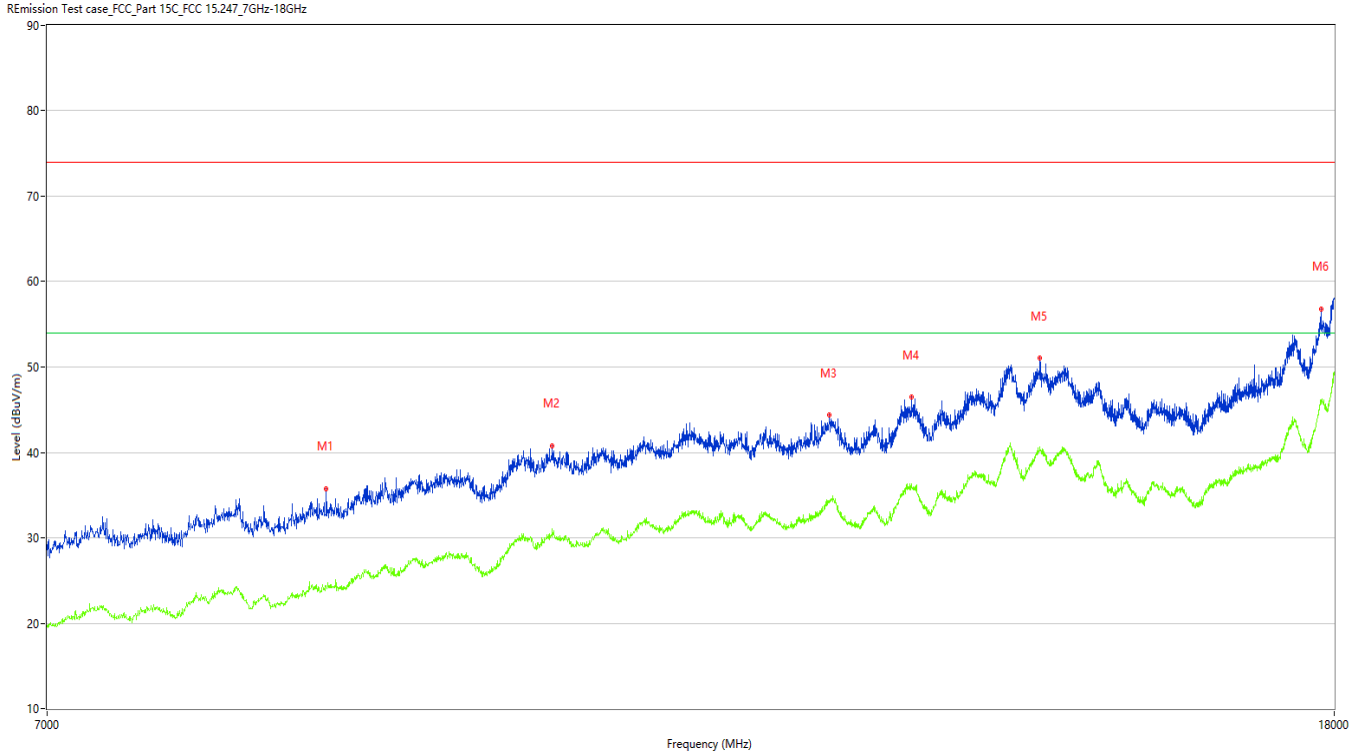
TEST REPORT

Report No.: SHE23010029-02AE

Date: 2023-01-30

Page 52 of 90

Figure 59: The plots of Radiated Emission, 2480MHz,7GHz-18GHz, BLE-1M, Horizontal polarization



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	8591.852	35.69	4.31	74.0	38.31	Peak	0.00	100	Horizontal	Pass
1**	8591.852	24.39	4.31	54.0	29.61	AV	0.00	100	Horizontal	Pass
2	10142.464	40.77	9.30	74.0	33.23	Peak	147.40	100	Horizontal	Pass
2**	10142.464	31.07	9.30	54.0	22.93	AV	147.40	100	Horizontal	Pass
3	12429.893	44.35	12.40	74.0	29.65	Peak	0.00	100	Horizontal	Pass
3**	12429.893	34.14	12.40	54.0	19.86	AV	0.00	100	Horizontal	Pass
4	13199.700	46.45	14.08	74.0	27.55	Peak	43.60	100	Horizontal	Pass
4**	13199.700	35.93	14.08	54.0	18.07	AV	43.60	100	Horizontal	Pass
5	14502.874	51.01	17.69	74.0	22.99	Peak	359.30	100	Horizontal	Pass
5**	14502.874	40.68	17.69	54.0	13.32	AV	359.30	100	Horizontal	Pass
6	17829.543	56.82	22.36	74.0	17.18	Peak	163.80	100	Horizontal	Pass
6**	17829.543	46.17	22.36	54.0	7.83	AV	163.80	100	Horizontal	Pass

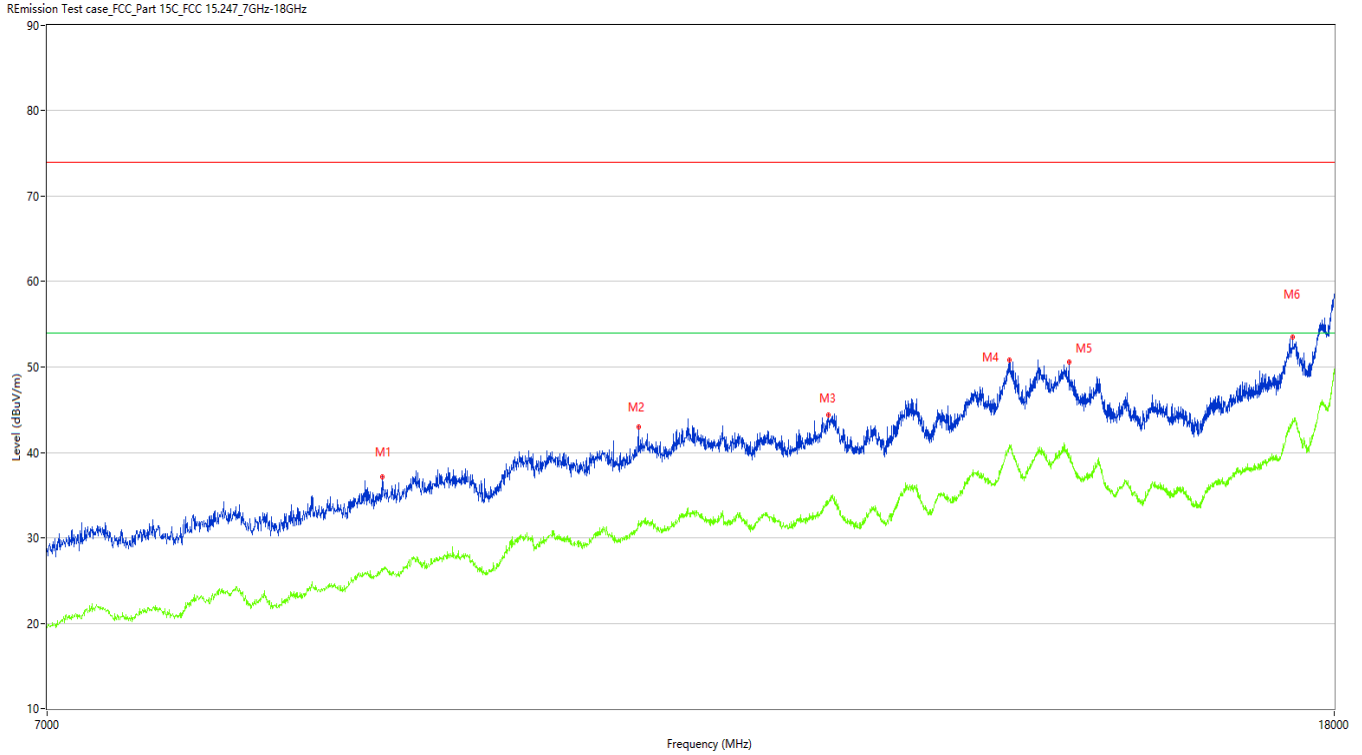
TEST REPORT

Report No.: SHE23010029-02AE

Date: 2023-01-30

Page 53 of 90

Figure 60: The plots of Radiated Emission, 2480MHz,7GHz-18GHz, BLE-1M, Vertical polarization



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	8954.761	37.11	7.30	74.0	36.89	Peak	265.70	100	Vertical	Pass
1**	8954.761	26.39	7.30	54.0	27.61	AV	265.70	100	Vertical	Pass
2	10802.299	42.96	10.50	74.0	31.04	Peak	10.70	100	Vertical	Pass
2**	10802.299	31.97	10.50	54.0	22.03	AV	10.70	100	Vertical	Pass
3	12421.645	44.37	12.36	74.0	29.63	Peak	93.70	100	Vertical	Pass
3**	12421.645	34.06	12.36	54.0	19.94	AV	93.70	100	Vertical	Pass
4	14183.954	50.84	19.63	74.0	23.16	Peak	228.10	100	Vertical	Pass
4**	14183.954	40.70	19.63	54.0	13.30	AV	228.10	100	Vertical	Pass
5	14816.296	50.62	18.06	74.0	23.38	Peak	171.50	100	Vertical	Pass
5**	14816.296	39.77	18.06	54.0	14.23	AV	171.50	100	Vertical	Pass
6	17458.385	53.47	21.03	74.0	20.53	Peak	354.10	100	Vertical	Pass
6**	17458.385	43.92	21.03	54.0	10.08	AV	354.10	100	Vertical	Pass

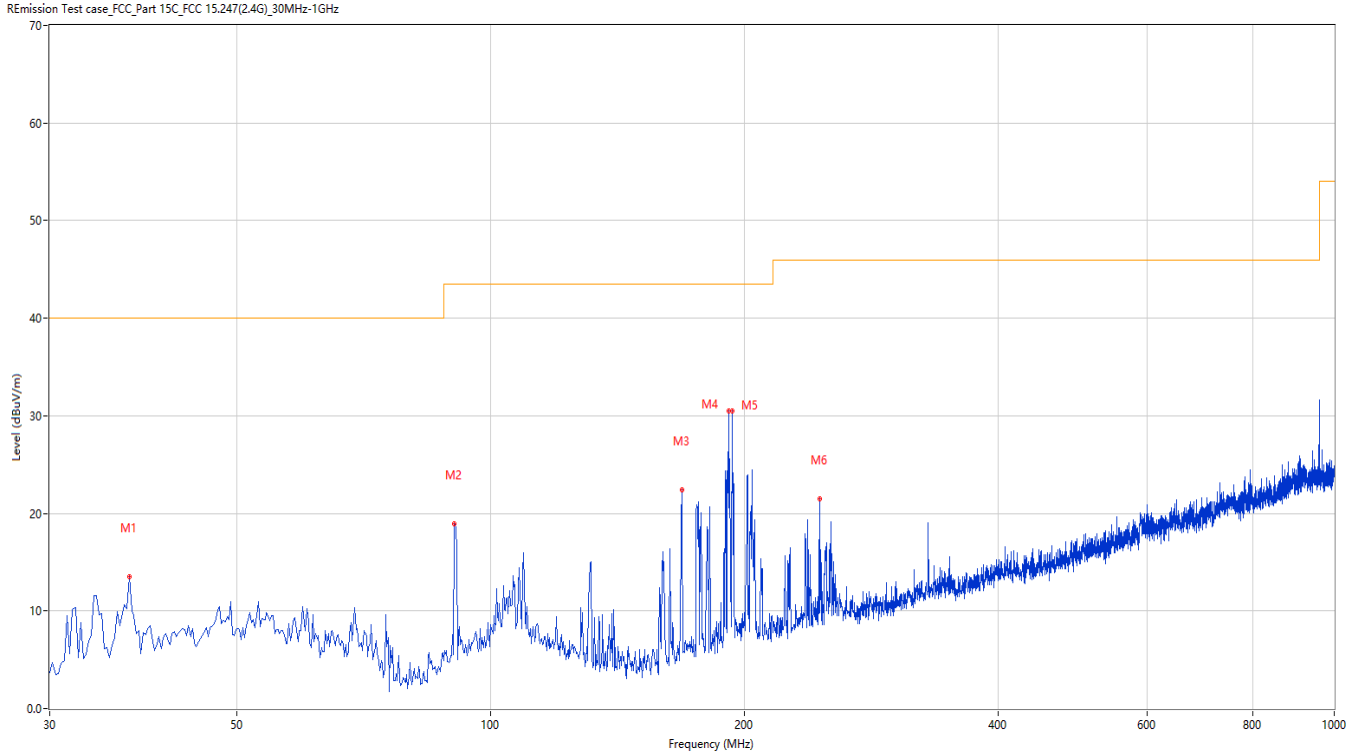
TEST REPORT

Report No.: SHE23010029-02AE

Date: 2023-01-30

Page 54 of 90

Figure 61: The plots of Radiated Emission, 2402MHz,30MHz-1GHz, BLE-2M, Horizontal polarization



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	37.273	13.52	-27.28	40.0	26.48	Peak	135.60	100	Horizontal	Pass
2	90.610	18.90	-28.57	43.5	24.60	Peak	0.60	100	Horizontal	Pass
3	168.433	22.41	-29.05	43.5	21.09	Peak	134.40	100	Horizontal	Pass
4	191.465	30.52	-26.78	43.5	12.98	Peak	299.70	100	Horizontal	Pass
5	193.162	30.50	-26.49	43.5	13.00	Peak	286.30	100	Horizontal	Pass
6	245.286	21.48	-24.84	46.0	24.52	Peak	0.40	100	Horizontal	Pass

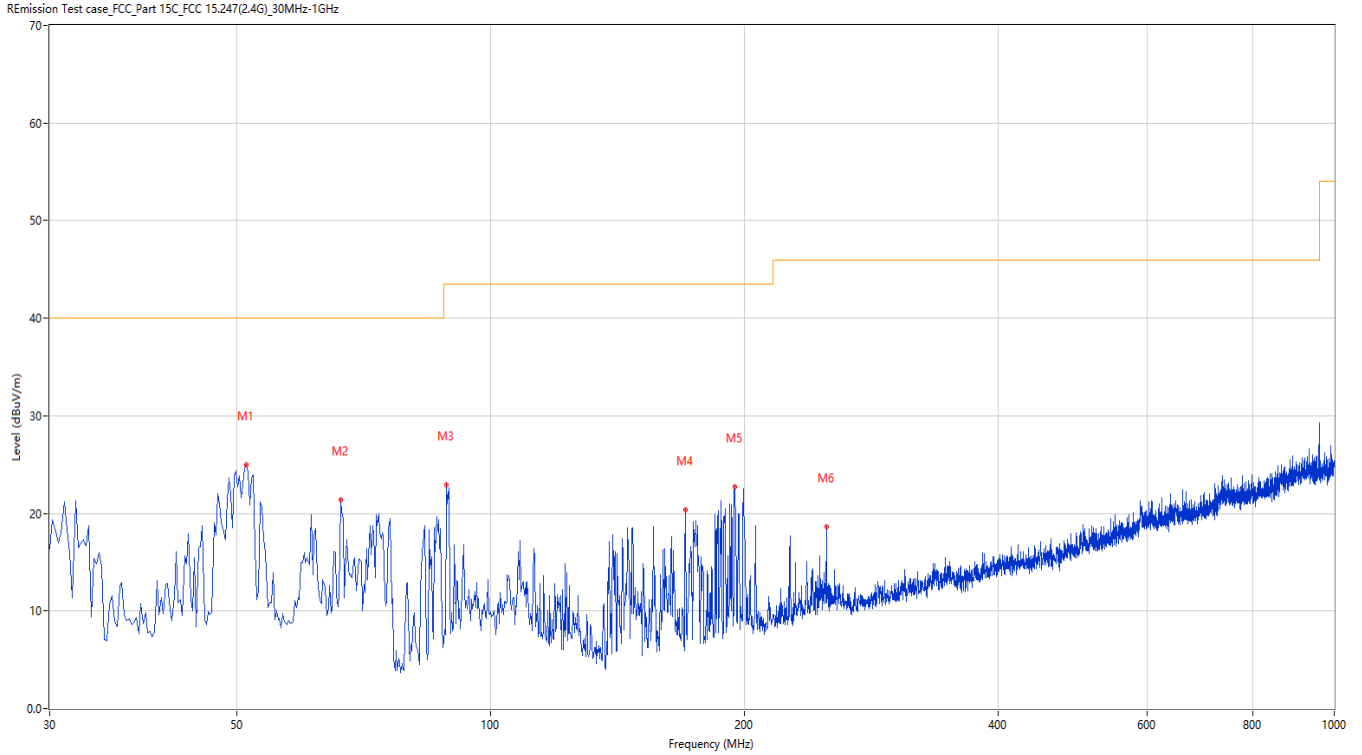
TEST REPORT

Report No.: SHE23010029-02AE

Date: 2023-01-30

Page 55 of 90

Figure 62: The plots of Radiated Emission, 2402MHz,30MHz-1GHz, BLE-2M, Vertical polarization



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	51.335	24.94	-25.03	40.0	15.06	Peak	360.00	200	Vertical	Pass
2	66.366	21.39	-28.11	40.0	18.61	Peak	360.00	200	Vertical	Pass
3	88.670	22.96	-29.17	43.5	20.54	Peak	254.40	200	Vertical	Pass
4	170.130	20.38	-28.95	43.5	23.12	Peak	76.70	100	Vertical	Pass
5	194.616	22.73	-26.26	43.5	20.77	Peak	58.50	100	Vertical	Pass
6	249.893	18.64	-24.60	46.0	27.36	Peak	82.80	200	Vertical	Pass

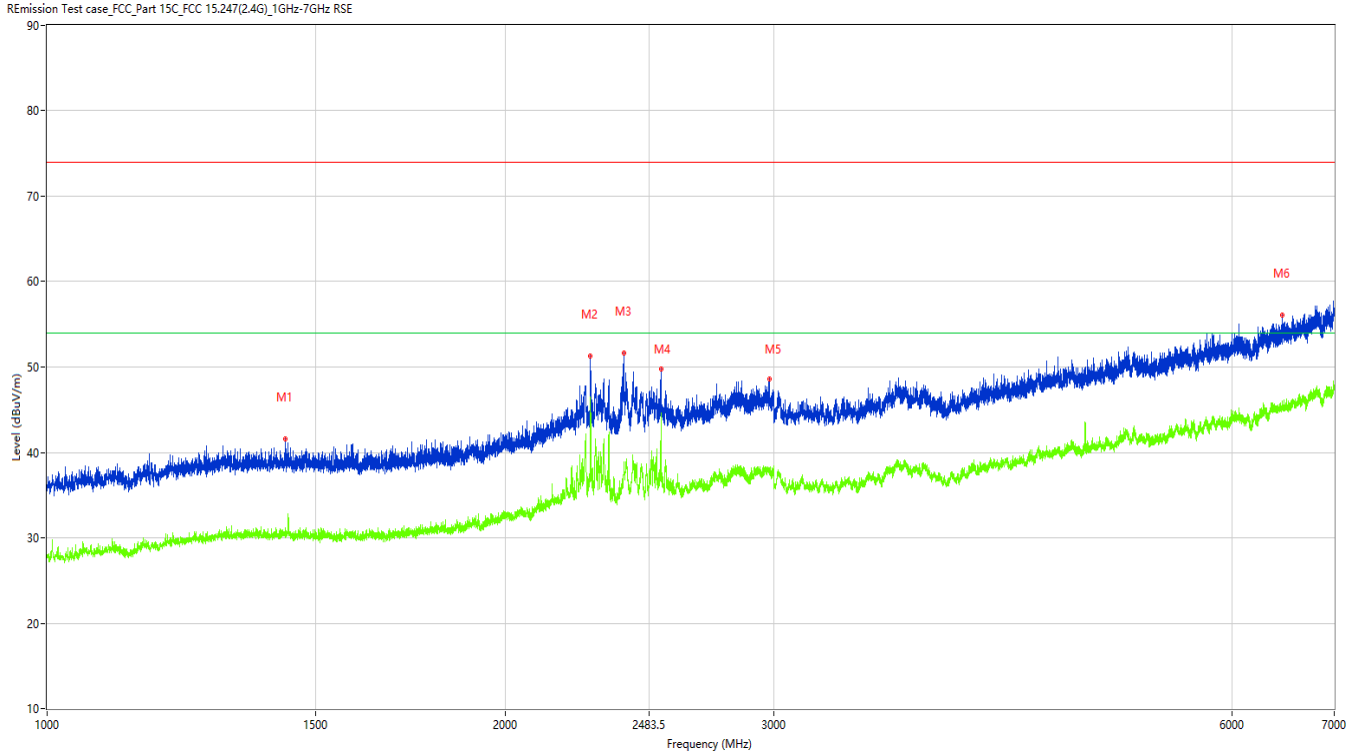
TEST REPORT

Report No.: SHE23010029-02AE

Date: 2023-01-30

Page 56 of 90

Figure 63: The plots of Radiated Emission, 2402MHz,1GHz-7GHz, BLE-2M, Horizontal polarization



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1434.196	41.54	-12.65	74.0	32.46	Peak	157.50	100	Horizontal	Pass
1**	1434.196	30.79	-12.65	54.0	23.21	AV	157.50	100	Horizontal	Pass
2	2273.341	51.29	-7.34	74.0	22.71	Peak	195.80	100	Horizontal	Pass
2**	2273.341	45.31	-7.34	54.0	8.69	AV	195.80	100	Horizontal	Pass
3	2392.326	51.60	-4.16	74.0	22.40	Peak	97.90	100	Horizontal	Pass
3**	2392.326	38.88	-4.16	54.0	15.12	AV	97.90	100	Horizontal	Pass
4	2530.309	49.78	-6.67	74.0	24.22	Peak	195.80	100	Horizontal	Pass
4**	2530.309	44.08	-6.67	54.0	9.92	AV	195.80	100	Horizontal	Pass
5	2981.002	48.62	-3.20	74.0	25.38	Peak	304.80	100	Horizontal	Pass
5**	2981.002	37.89	-3.20	54.0	16.11	AV	304.80	100	Horizontal	Pass
6	6469.566	56.10	3.83	74.0	17.90	Peak	94.70	100	Horizontal	Pass
6**	6469.566	45.24	3.83	54.0	8.76	AV	94.70	100	Horizontal	Pass

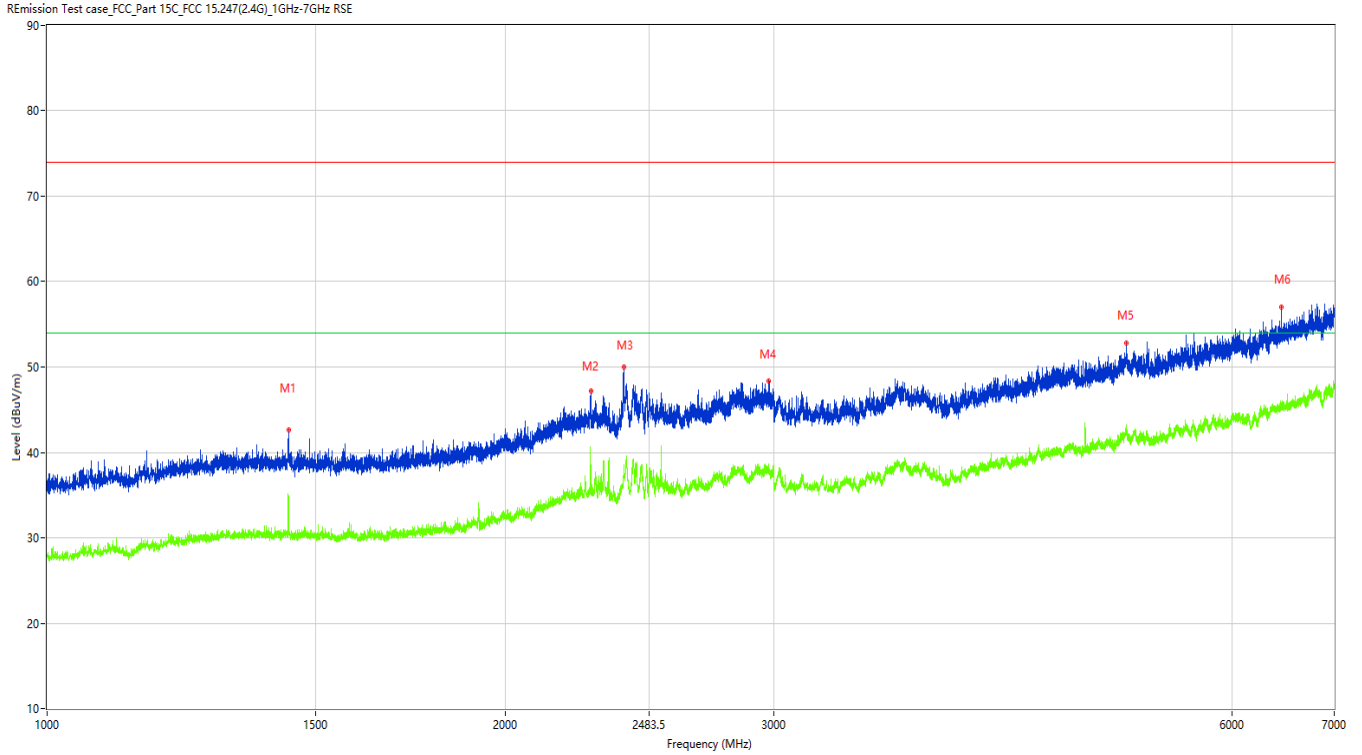
TEST REPORT

Report No.: SHE23010029-02AE

Date: 2023-01-30

Page 57 of 90

Figure 64: The plots of Radiated Emission, 2402MHz,1GHz-7GHz, BLE-2M, Vertical polarization



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1440.195	42.60	-12.73	74.0	31.40	Peak	29.80	100	Vertical	Pass
1**	1440.195	34.85	-12.73	54.0	19.15	AV	29.80	100	Vertical	Pass
2	2274.591	47.18	-7.37	74.0	26.82	Peak	189.90	100	Vertical	Pass
2**	2274.591	38.45	-7.37	54.0	15.55	AV	189.90	100	Vertical	Pass
3	2392.326	49.95	-4.16	74.0	24.05	Peak	222.60	100	Vertical	Pass
3**	2392.326	38.51	-4.16	54.0	15.49	AV	222.60	100	Vertical	Pass
4	2978.503	48.40	-3.22	74.0	25.60	Peak	13.50	100	Vertical	Pass
4**	2978.503	37.65	-3.22	54.0	16.35	AV	13.50	100	Vertical	Pass
5	5112.736	52.78	1.31	74.0	21.22	Peak	274.80	100	Vertical	Pass
5**	5112.736	42.06	1.31	54.0	11.94	AV	274.80	100	Vertical	Pass
6	6464.067	57.00	3.83	74.0	17.00	Peak	84.70	100	Vertical	Pass
6**	6464.067	45.17	3.83	54.0	8.83	AV	84.70	100	Vertical	Pass

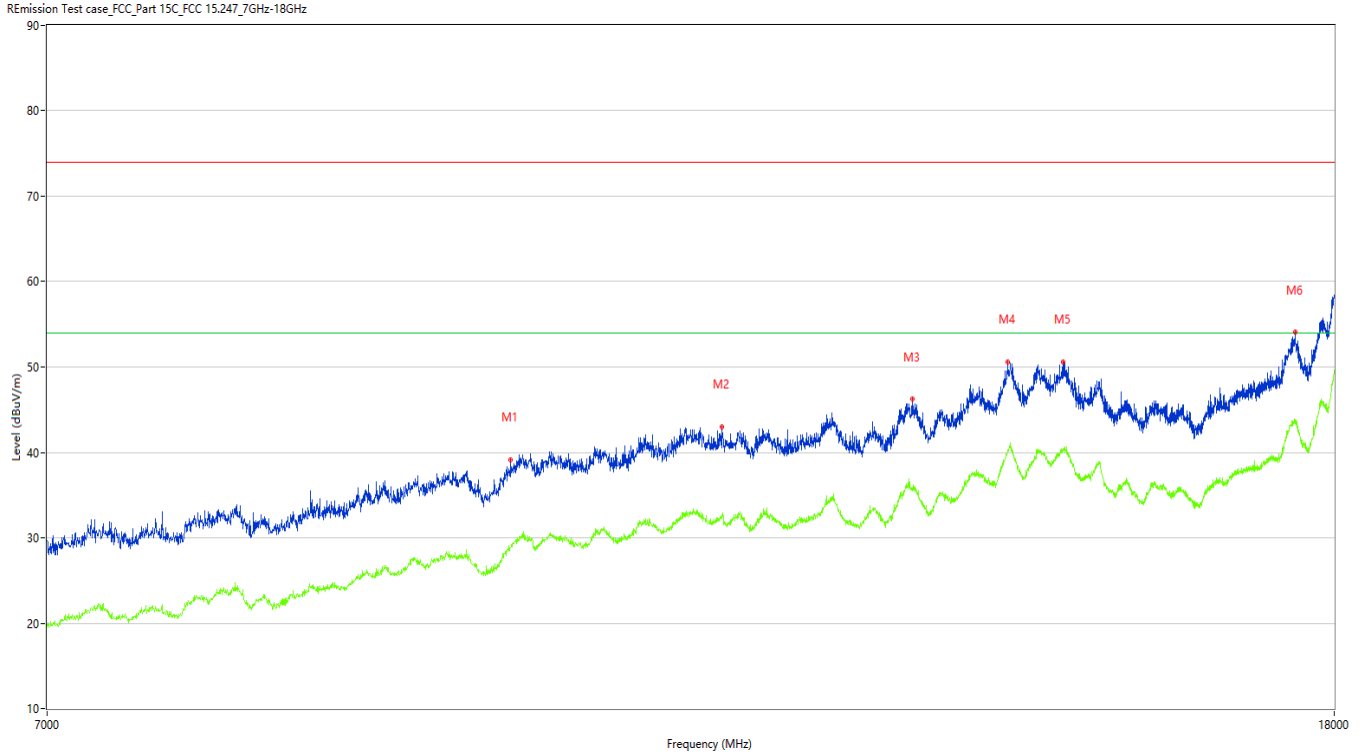
TEST REPORT

Report No.: SHE23010029-02AE

Date: 2023-01-30

Page 58 of 90

Figure 65: The plots of Radiated Emission, 2402MHz,7GHz-18GHz, BLE-2M, Horizontal polarization



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	9837.291	39.18	8.71	74.0	34.82	Peak	215.50	100	Horizontal	Pass
1**	9837.291	28.80	8.71	54.0	25.20	AV	215.50	100	Horizontal	Pass
2	11484.129	42.97	11.86	74.0	31.03	Peak	151.10	100	Horizontal	Pass
2**	11484.129	32.48	11.86	54.0	21.52	AV	151.10	100	Horizontal	Pass
3	13205.199	46.24	14.10	74.0	27.76	Peak	340.50	100	Horizontal	Pass
3**	13205.199	35.89	14.10	54.0	18.11	AV	340.50	100	Horizontal	Pass
4	14161.960	50.55	18.93	74.0	23.45	Peak	89.70	100	Horizontal	Pass
4**	14161.960	39.91	18.93	54.0	14.09	AV	89.70	100	Horizontal	Pass
5	14755.811	50.58	18.78	74.0	23.42	Peak	57.70	100	Horizontal	Pass
5**	14755.811	40.25	18.78	54.0	13.75	AV	57.70	100	Horizontal	Pass
6	17488.628	54.12	21.45	74.0	19.88	Peak	228.90	100	Horizontal	Pass
6**	17488.628	43.84	21.45	54.0	10.16	AV	228.90	100	Horizontal	Pass

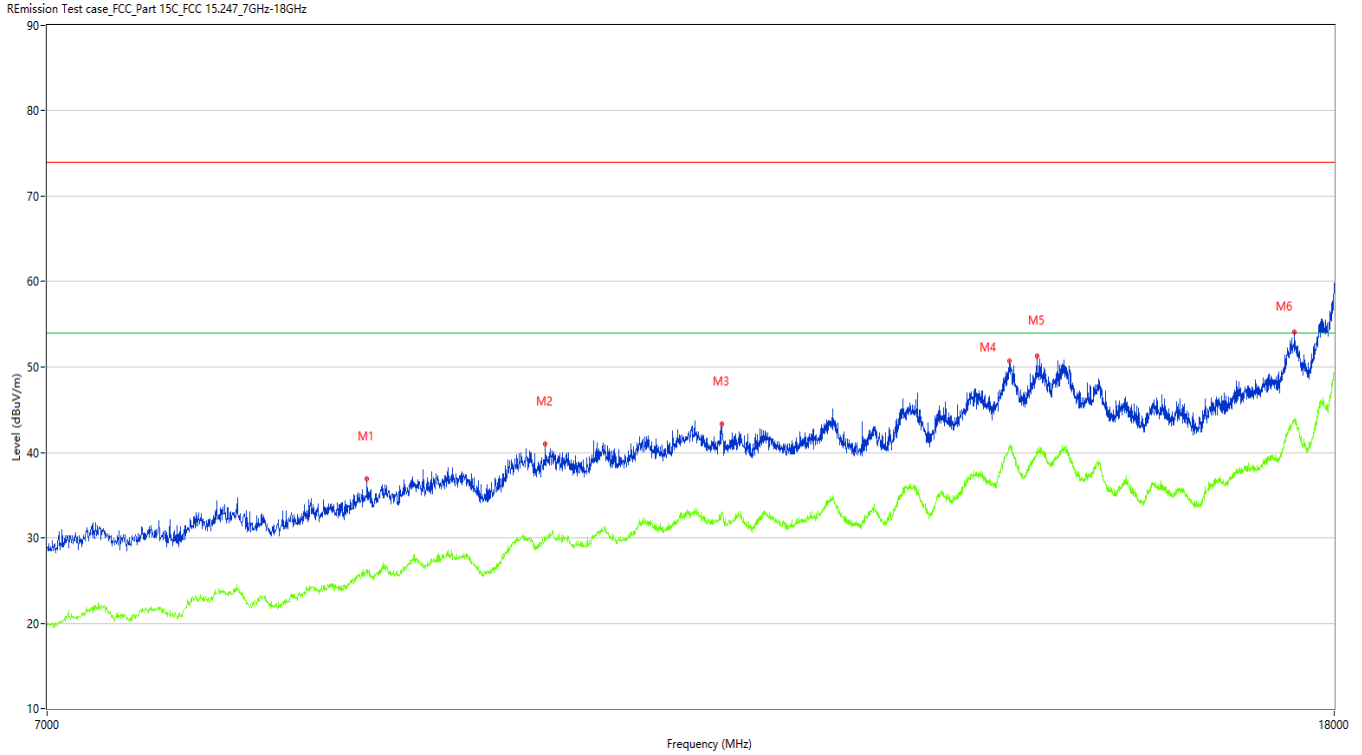
TEST REPORT

Report No.: SHE23010029-02AE

Date: 2023-01-30

Page 59 of 90

Figure 66: The plots of Radiated Emission, 2402MHz,7GHz-18GHz, BLE-2M, Vertical polarization



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	8850.287	36.86	5.29	74.0	37.14	Peak	210.80	100	Vertical	Pass
1**	8850.287	26.21	5.29	54.0	27.79	AV	210.80	100	Vertical	Pass
2	10090.227	40.96	9.43	74.0	33.04	Peak	64.40	100	Vertical	Pass
2**	10090.227	29.70	9.43	54.0	24.30	AV	64.40	100	Vertical	Pass
3	11481.380	43.33	11.84	74.0	30.67	Peak	123.70	100	Vertical	Pass
3**	11481.380	32.99	11.84	54.0	21.01	AV	123.70	100	Vertical	Pass
4	14181.205	50.74	19.55	74.0	23.26	Peak	48.10	100	Vertical	Pass
4**	14181.205	40.50	19.55	54.0	13.50	AV	48.10	100	Vertical	Pass
5	14469.883	51.29	17.85	74.0	22.71	Peak	115.40	100	Vertical	Pass
5**	14469.883	40.46	17.85	54.0	13.54	AV	115.40	100	Vertical	Pass
6	17483.129	54.07	21.50	74.0	19.93	Peak	191.10	100	Vertical	Pass
6**	17483.129	43.89	21.50	54.0	10.11	AV	191.10	100	Vertical	Pass

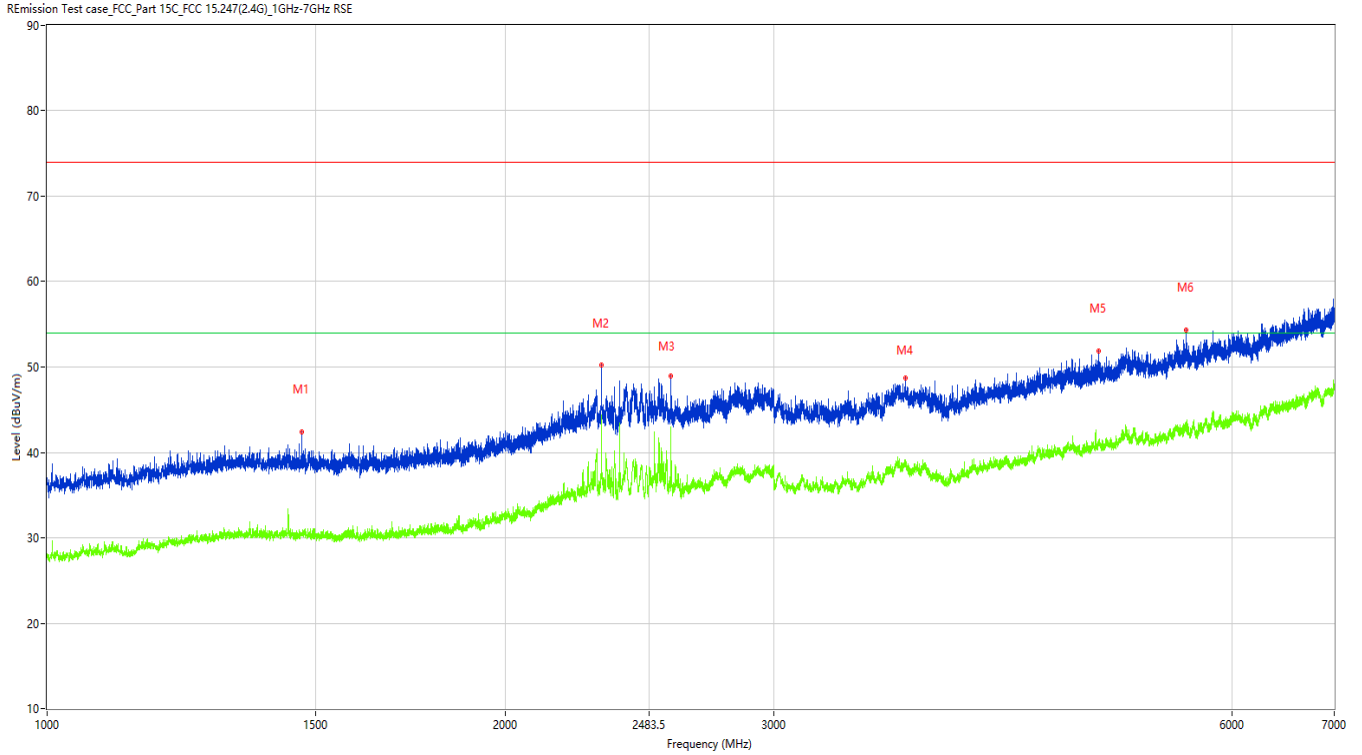
TEST REPORT

Report No.: SHE23010029-02AE

Date: 2023-01-30

Page 60 of 90

Figure 67: The plots of Radiated Emission, 2440MHz,1GHz-7GHz, BLE-2M, Horizontal polarization



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1469.191	42.38	-12.88	74.0	31.62	Peak	243.50	100	Horizontal	Pass
1**	1469.191	30.38	-12.88	54.0	23.62	AV	243.50	100	Horizontal	Pass
2	2311.336	50.20	-7.21	74.0	23.80	Peak	94.20	100	Horizontal	Pass
2**	2311.336	42.90	-7.21	54.0	11.10	AV	94.20	100	Horizontal	Pass
3	2567.304	49.00	-6.69	74.0	25.00	Peak	216.30	100	Horizontal	Pass
3**	2567.304	41.55	-6.69	54.0	12.45	AV	216.30	100	Horizontal	Pass
4	3660.417	48.74	-1.63	74.0	25.26	Peak	314.30	100	Horizontal	Pass
4**	3660.417	38.54	-1.63	54.0	15.46	AV	314.30	100	Horizontal	Pass
5	4899.263	51.84	0.08	74.0	22.16	Peak	351.10	100	Horizontal	Pass
5**	4899.263	40.72	0.08	54.0	13.28	AV	351.10	100	Horizontal	Pass
6	5599.175	54.33	1.60	74.0	19.67	Peak	342.60	100	Horizontal	Pass
6**	5599.175	43.19	1.60	54.0	10.81	AV	342.60	100	Horizontal	Pass

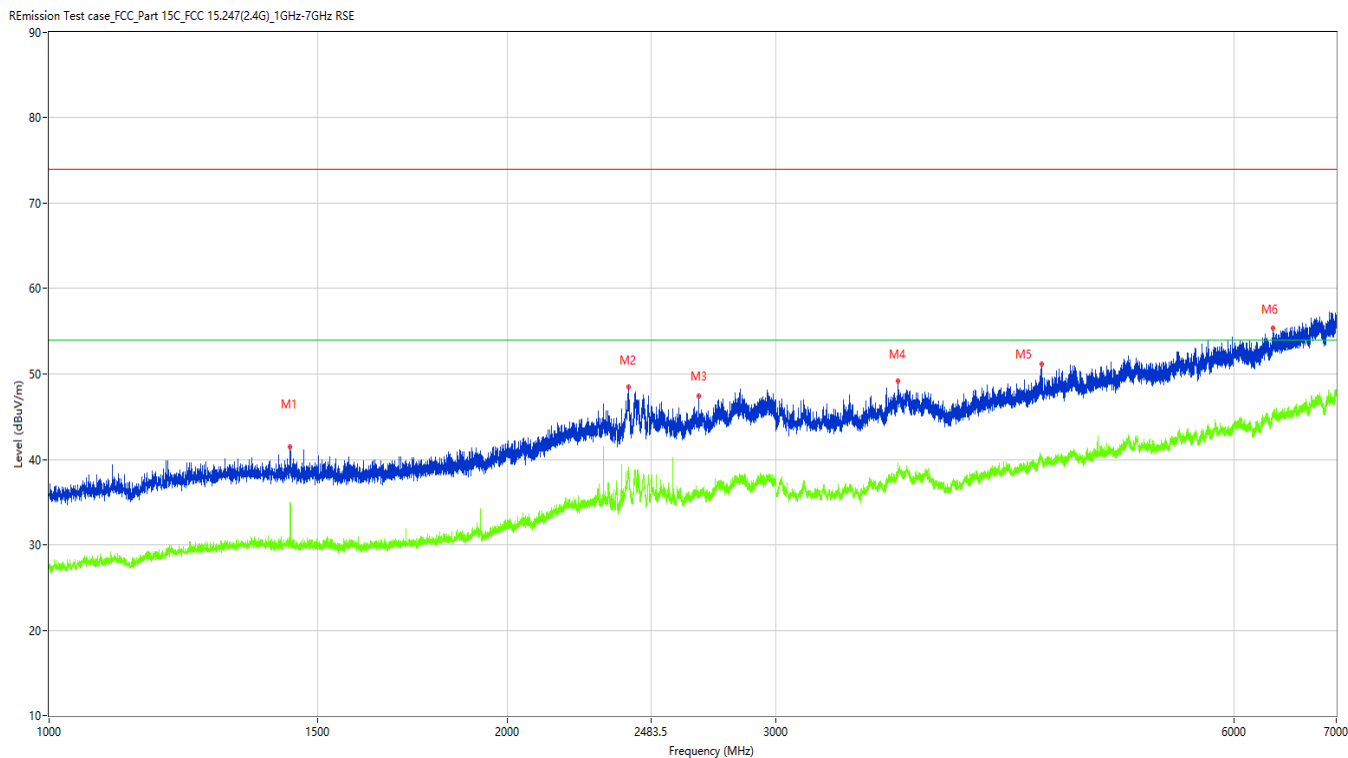
TEST REPORT

Report No.: SHE23010029-02AE

Date: 2023-01-30

Page 61 of 90

Figure 68: The plots of Radiated Emission, 2440MHz,1GHz-7GHz, BLE-2M, Vertical polarization



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1439.695	41.49	-12.72	74.0	32.51	Peak	307.10	100	Vertical	Pass
1**	1439.695	34.47	-12.72	54.0	19.53	AV	307.10	100	Vertical	Pass
2	2402.575	48.46	-4.41	74.0	25.54	Peak	282.60	100	Vertical	Pass
2**	2402.575	38.10	-4.41	54.0	15.90	AV	282.60	100	Vertical	Pass
3	2671.291	47.43	-6.19	74.0	26.57	Peak	62.30	100	Vertical	Pass
3**	2671.291	36.11	-6.19	54.0	17.89	AV	62.30	100	Vertical	Pass
4	3606.924	49.17	-2.04	74.0	24.83	Peak	286.80	100	Vertical	Pass
4**	3606.924	38.18	-2.04	54.0	15.82	AV	286.80	100	Vertical	Pass
5	4487.314	51.19	-0.52	74.0	22.81	Peak	38.10	100	Vertical	Pass
5**	4487.314	40.24	-0.52	54.0	13.76	AV	38.10	100	Vertical	Pass
6	6360.080	55.43	3.50	74.0	18.57	Peak	360.40	100	Vertical	Pass
6**	6360.080	45.26	3.50	54.0	8.74	AV	360.40	100	Vertical	Pass

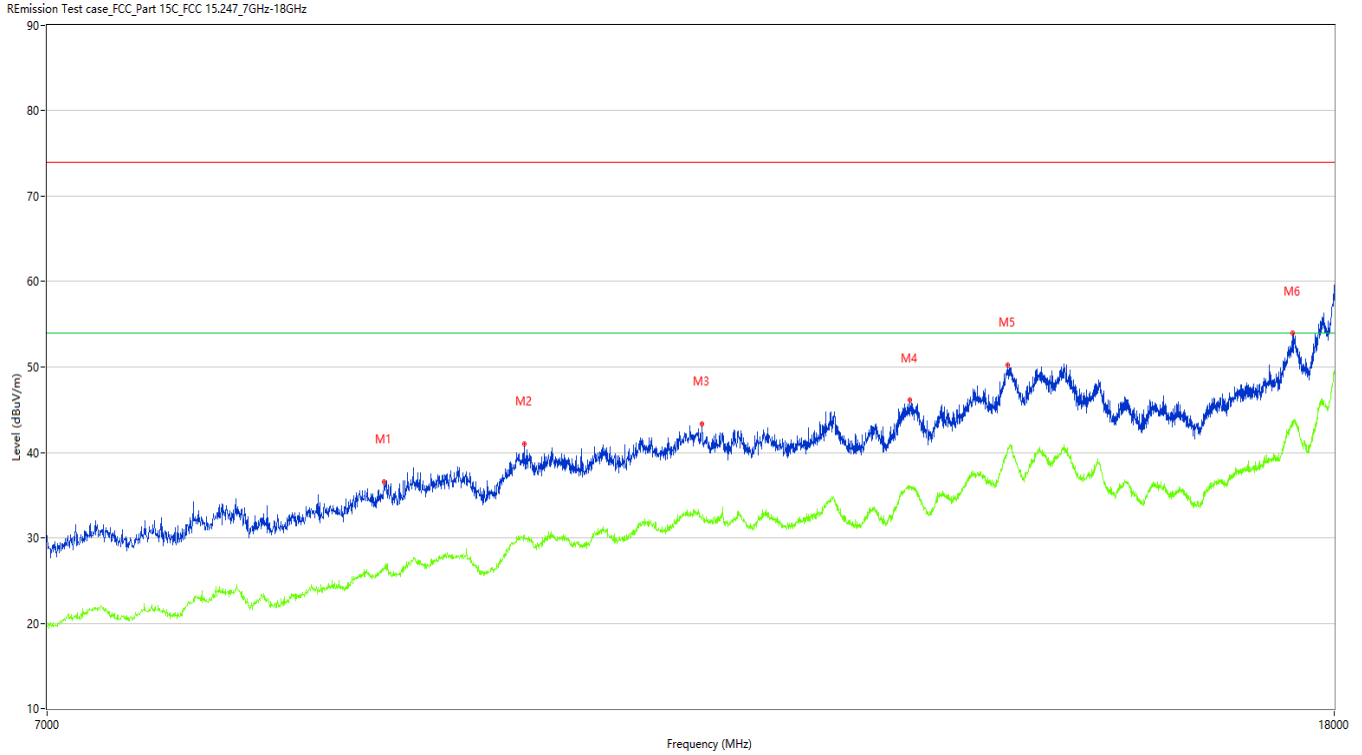
TEST REPORT

Report No.: SHE23010029-02AE

Date: 2023-01-30

Page 62 of 90

Figure 69: The plots of Radiated Emission, 2440MHz,7GHz-18GHz, BLE-2M, Horizontal polarization



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	8963.009	36.57	7.58	74.0	37.43	Peak	0.60	100	Horizontal	Pass
1**	8963.009	26.44	7.58	54.0	27.56	AV	0.60	100	Horizontal	Pass
2	9933.517	40.97	9.81	74.0	33.03	Peak	300.80	100	Horizontal	Pass
2**	9933.517	30.30	9.81	54.0	23.70	AV	300.80	100	Horizontal	Pass
3	11319.170	43.36	12.15	74.0	30.64	Peak	157.50	100	Horizontal	Pass
3**	11319.170	32.08	12.15	54.0	21.92	AV	157.50	100	Horizontal	Pass
4	13185.954	46.09	14.05	74.0	27.91	Peak	222.20	100	Horizontal	Pass
4**	13185.954	36.04	14.05	54.0	17.96	AV	222.20	100	Horizontal	Pass
5	14161.960	50.22	18.93	74.0	23.78	Peak	165.70	100	Horizontal	Pass
5**	14161.960	39.92	18.93	54.0	14.08	AV	165.70	100	Horizontal	Pass
6	17463.884	53.94	21.14	74.0	20.06	Peak	38.40	100	Horizontal	Pass
6**	17463.884	43.62	21.14	54.0	10.38	AV	38.40	100	Horizontal	Pass

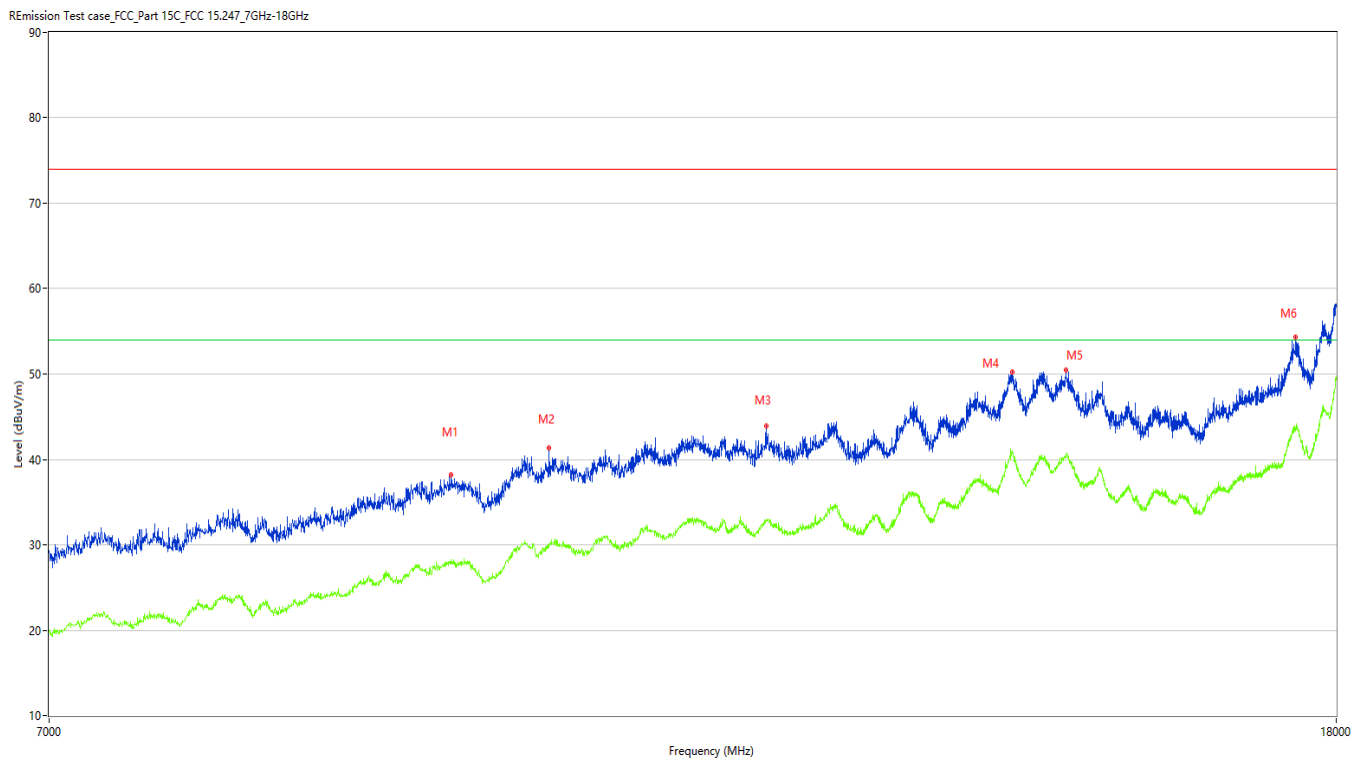
TEST REPORT

Report No.: SHE23010029-02AE

Date: 2023-01-30

Page 63 of 90

Figure 70: The plots of Radiated Emission, 2440MHz,7GHz-18GHz, BLE-2M, Vertical polarization



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	9402.899	38.24	7.65	74.0	35.76	Peak	317.80	100	Vertical	Pass
1**	9402.899	27.83	7.65	54.0	26.17	AV	317.80	100	Vertical	Pass
2	10103.974	41.35	9.49	74.0	32.65	Peak	356.30	100	Vertical	Pass
2**	10103.974	30.14	9.49	54.0	23.86	AV	356.30	100	Vertical	Pass
3	11847.038	43.93	11.79	74.0	30.07	Peak	129.90	100	Vertical	Pass
3**	11847.038	32.88	11.79	54.0	21.12	AV	129.90	100	Vertical	Pass
4	14192.202	50.24	19.67	74.0	23.76	Peak	326.00	100	Vertical	Pass
4**	14192.202	40.89	19.67	54.0	13.11	AV	326.00	100	Vertical	Pass
5	14758.560	50.48	18.81	74.0	23.52	Peak	135.10	100	Vertical	Pass
5**	14758.560	40.19	18.81	54.0	13.81	AV	135.10	100	Vertical	Pass
6	17472.132	54.30	21.29	74.0	19.70	Peak	122.00	100	Vertical	Pass
6**	17472.132	43.72	21.29	54.0	10.28	AV	122.00	100	Vertical	Pass

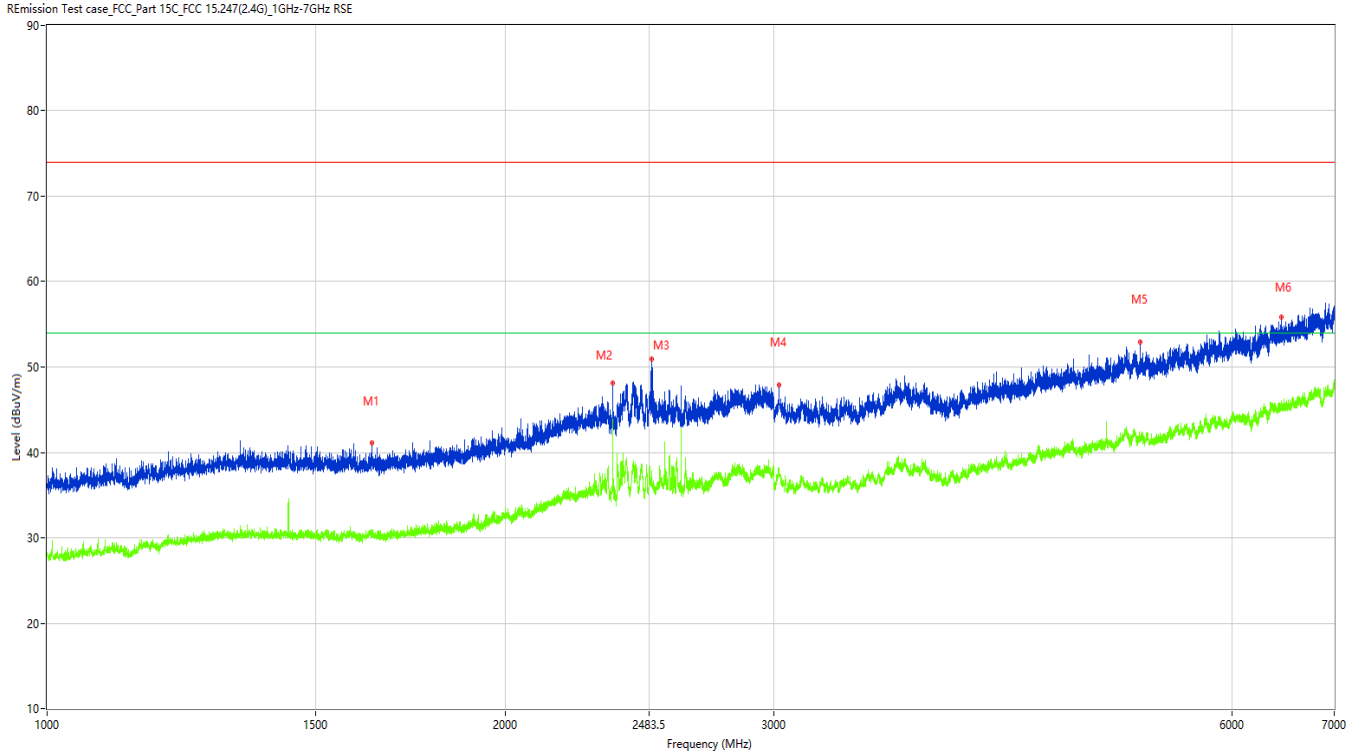
TEST REPORT

Report No.: SHE23010029-02AE

Date: 2023-01-30

Page 64 of 90

Figure 71: The plots of Radiated Emission, 2480MHz,1GHz-7GHz, BLE-2M, Horizontal polarization



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1634.421	41.06	-12.98	74.0	32.94	Peak	127.30	100	Horizontal	Pass
1**	1634.421	30.49	-12.98	54.0	23.51	AV	127.30	100	Horizontal	Pass
2	2351.831	48.15	-8.02	74.0	25.85	Peak	97.20	100	Horizontal	Pass
2**	2351.831	43.88	-8.02	54.0	10.12	AV	97.20	100	Horizontal	Pass
3	2493.313	50.97	-5.67	74.0	23.03	Peak	226.30	100	Horizontal	Pass
3**	2493.313	37.85	-5.67	54.0	16.15	AV	226.30	100	Horizontal	Pass
4	3024.497	47.94	-4.50	74.0	26.06	Peak	351.90	100	Horizontal	Pass
4**	3024.497	37.54	-4.50	54.0	16.46	AV	351.90	100	Horizontal	Pass
5	5222.222	52.95	0.62	74.0	21.05	Peak	299.00	100	Horizontal	Pass
5**	5222.222	41.70	0.62	54.0	12.30	AV	299.00	100	Horizontal	Pass
6	6461.567	55.87	3.83	74.0	18.13	Peak	34.10	100	Horizontal	Pass
6**	6461.567	45.81	3.83	54.0	8.19	AV	34.10	100	Horizontal	Pass

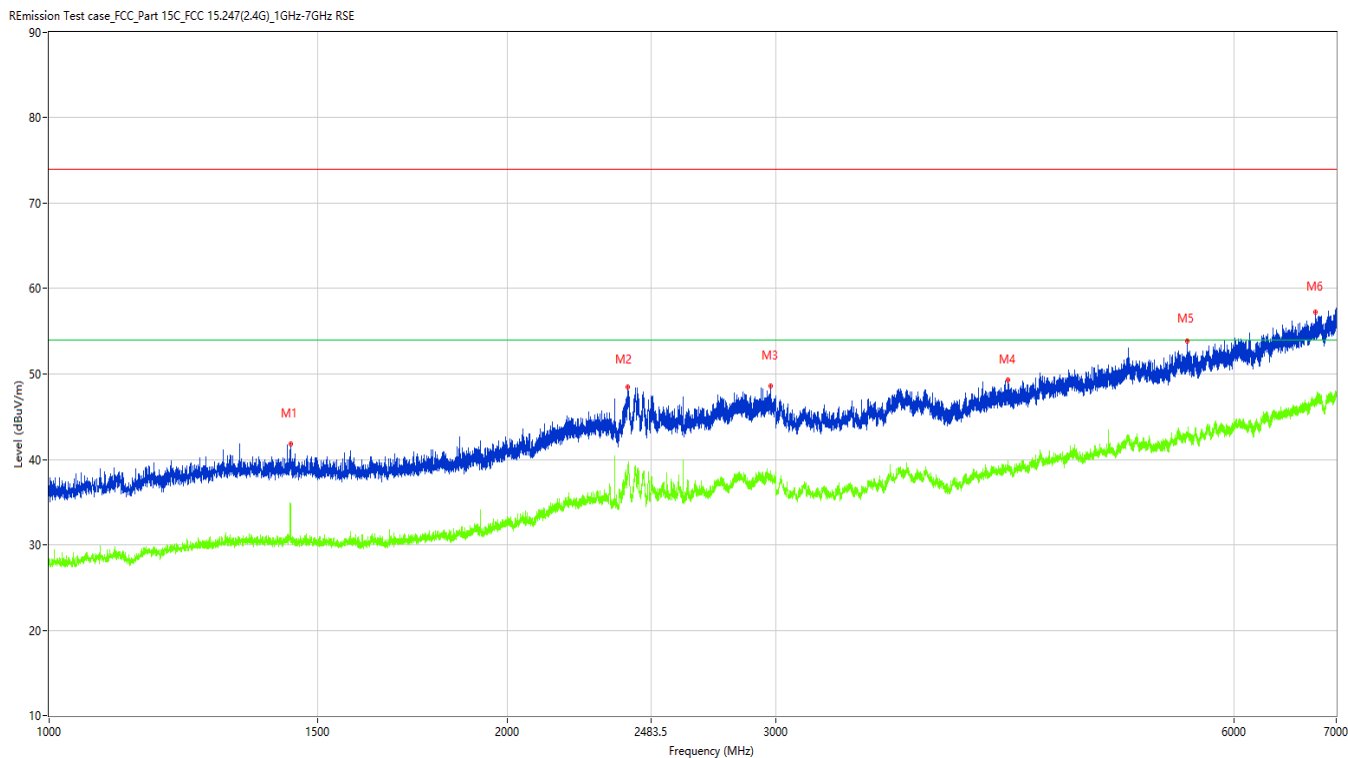
TEST REPORT

Report No.: SHE23010029-02AE

Date: 2023-01-30

Page 65 of 90

Figure 72: The plots of Radiated Emission, 2480MHz,1GHz-7GHz, BLE-2M, Vertical polarization



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1440.195	41.78	-12.73	74.0	32.22	Peak	137.80	100	Vertical	Pass
1**	1440.195	34.78	-12.73	54.0	19.22	AV	137.80	100	Vertical	Pass
2	2399.075	48.45	-4.34	74.0	25.55	Peak	48.40	100	Vertical	Pass
2**	2399.075	38.64	-4.34	54.0	15.36	AV	48.40	100	Vertical	Pass
3	2975.003	48.54	-3.25	74.0	25.46	Peak	12.70	100	Vertical	Pass
3**	2975.003	37.92	-3.25	54.0	16.08	AV	12.70	100	Vertical	Pass
4	4260.342	49.32	-1.54	74.0	24.68	Peak	37.80	100	Vertical	Pass
4**	4260.342	39.84	-1.54	54.0	14.16	AV	37.80	100	Vertical	Pass
5	5591.676	53.85	1.51	74.0	20.15	Peak	359.70	100	Vertical	Pass
5**	5591.676	42.98	1.51	54.0	11.02	AV	359.70	100	Vertical	Pass
6	6787.027	57.19	5.20	74.0	16.81	Peak	299.80	100	Vertical	Pass
6**	6787.027	46.43	5.20	54.0	7.57	AV	299.80	100	Vertical	Pass

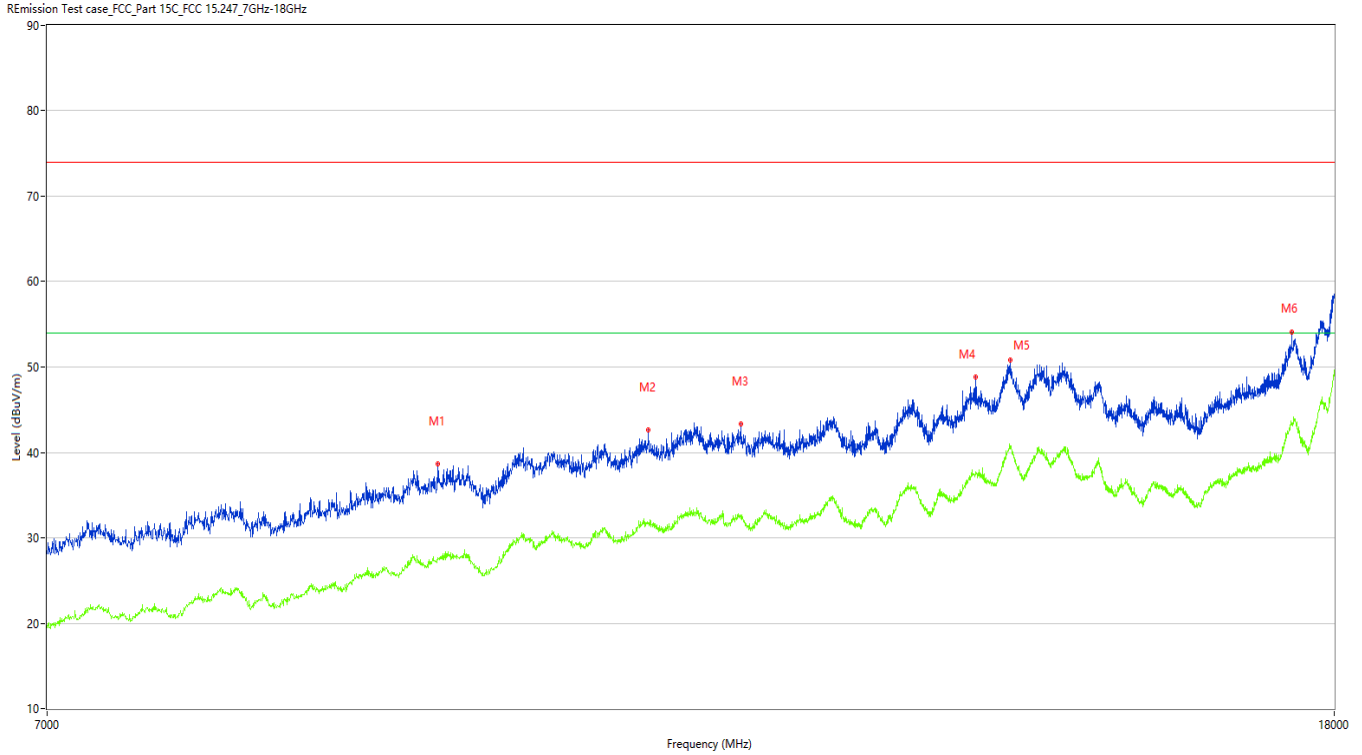
TEST REPORT

Report No.: SHE23010029-02AE

Date: 2023-01-30

Page 66 of 90

Figure 73: The plots of Radiated Emission, 2480MHz,7GHz-18GHz, BLE-2M, Horizontal polarization



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	9325.919	38.65	7.20	74.0	35.35	Peak	25.40	100	Horizontal	Pass
1**	9325.919	27.71	7.20	54.0	26.29	AV	25.40	100	Horizontal	Pass
2	10882.029	42.59	11.12	74.0	31.41	Peak	276.20	100	Horizontal	Pass
2**	10882.029	31.76	11.12	54.0	22.24	AV	276.20	100	Horizontal	Pass
3	11643.589	43.38	11.15	74.0	30.62	Peak	257.60	100	Horizontal	Pass
3**	11643.589	32.47	11.15	54.0	21.53	AV	257.60	100	Horizontal	Pass
4	13834.791	48.85	15.14	74.0	25.15	Peak	84.20	100	Horizontal	Pass
4**	13834.791	37.60	15.14	54.0	16.40	AV	84.20	100	Horizontal	Pass
5	14189.453	50.88	19.73	74.0	23.12	Peak	89.80	100	Horizontal	Pass
5**	14189.453	40.75	19.73	54.0	13.25	AV	89.80	100	Horizontal	Pass
6	17450.137	54.09	20.88	74.0	19.91	Peak	1.20	100	Horizontal	Pass
6**	17450.137	43.29	20.88	54.0	10.71	AV	1.20	100	Horizontal	Pass

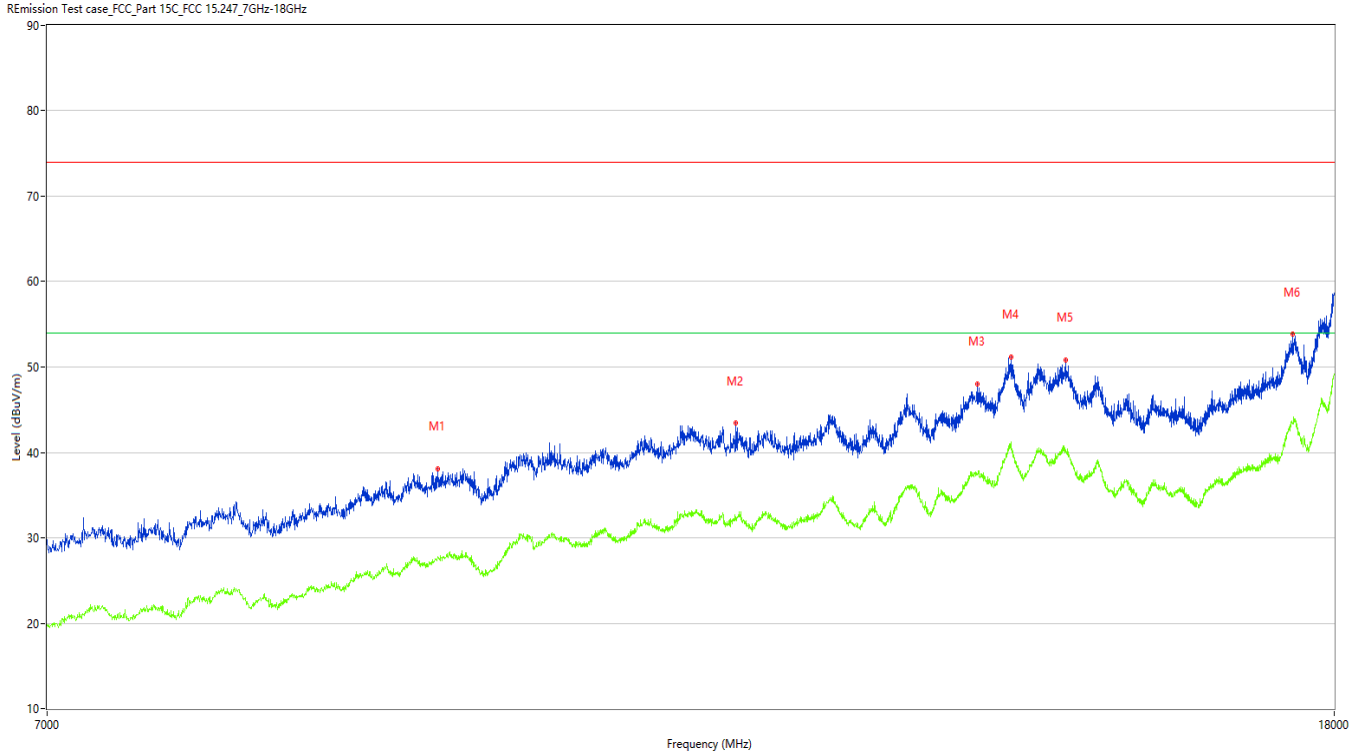
TEST REPORT

Report No.: SHE23010029-02AE

Date: 2023-01-30

Page 67 of 90

Figure 74: The plots of Radiated Emission, 2480MHz,7GHz-18GHz, BLE-2M, Vertical polarization



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	9325.919	38.07	7.20	74.0	35.93	Peak	325.10	100	Vertical	Pass
1**	9325.919	27.63	7.20	54.0	26.37	AV	325.10	100	Vertical	Pass
2	11602.349	43.41	11.23	74.0	30.59	Peak	4.40	100	Vertical	Pass
2**	11602.349	32.49	11.23	54.0	21.51	AV	4.40	100	Vertical	Pass
3	13851.287	48.01	15.25	74.0	25.99	Peak	221.10	100	Vertical	Pass
3**	13851.287	37.54	15.25	54.0	16.46	AV	221.10	100	Vertical	Pass
4	14197.701	51.17	19.55	74.0	22.83	Peak	333.20	100	Vertical	Pass
4**	14197.701	41.19	19.55	54.0	12.81	AV	333.20	100	Vertical	Pass
5	14777.806	50.76	18.65	74.0	23.24	Peak	3.10	100	Vertical	Pass
5**	14777.806	40.35	18.65	54.0	13.65	AV	3.10	100	Vertical	Pass
6	17463.884	53.85	21.14	74.0	20.15	Peak	359.80	100	Vertical	Pass
6**	17463.884	43.47	21.14	54.0	10.53	AV	359.80	100	Vertical	Pass

TEST REPORT

Report No.: SHE23010029-02AE

Date: 2023-01-30

Page 68 of 90

4.1.7 Band Edge (Restricted-band band-edge)

RESULT:

PASS

Test standard : FCC Part 15.247(d), 15.205, 15.209
 RSS-GEN 8.10

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

Kind of test site : 3m Semi-Anechoic Chamber

Test setup

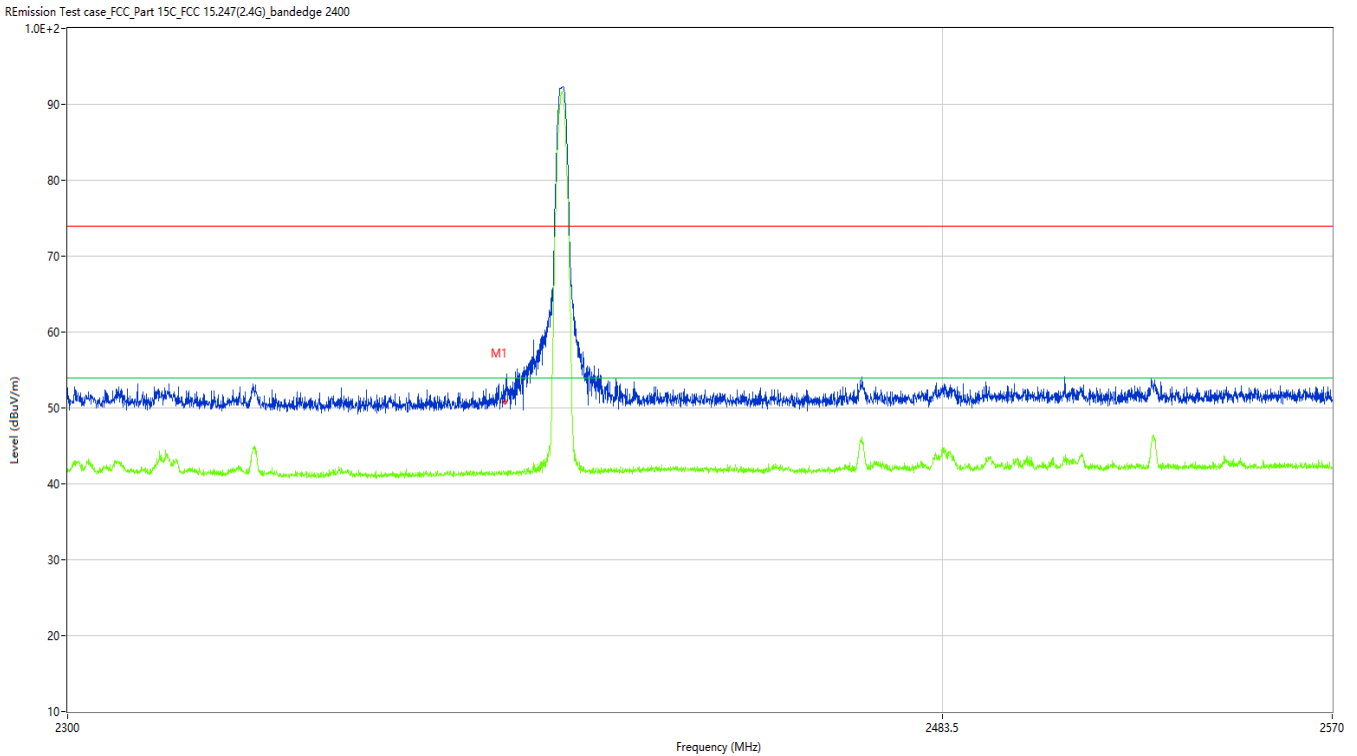
Test Channel : Low/High

Operation Mode : A.1.a

Ambient temperature : 21°C

Relative humidity : 51%

Figure 75: The plots of Band Edge, 2402MHz, BLE-1M, 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	50.85	-9.96	74.0	23.15	Peak	113.83	100	Horizontal	Pass
1**	2390.000	41.23	-9.96	54.0	12.77	AV	113.83	100	Horizontal	Pass

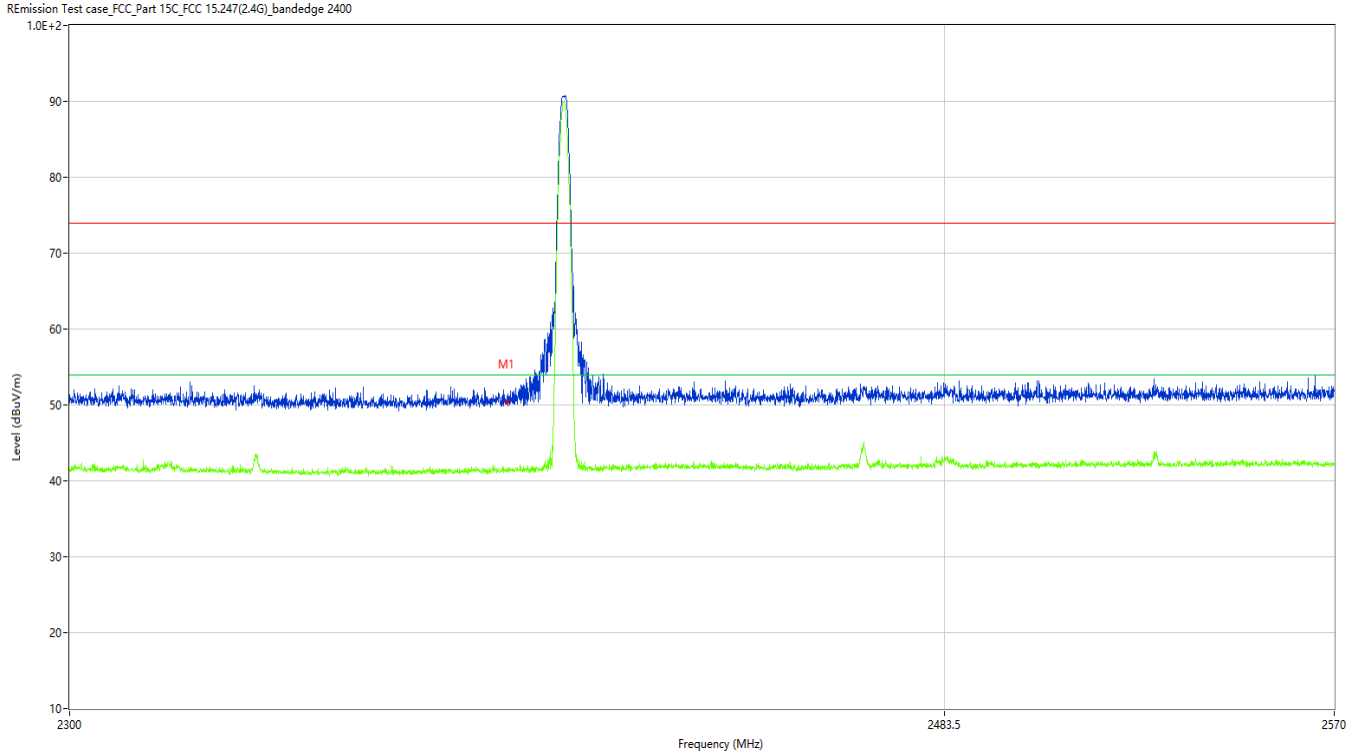
TEST REPORT

Report No.: SHE23010029-02AE

Date: 2023-01-30

Page 69 of 90

Figure 76: The plots of Band Edge, 2402MHz, BLE-1M, 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	50.44	-9.96	74.0	23.56	Peak	182.87	100	Vertical	Pass
1**	2390.000	41.39	-9.96	54.0	12.61	AV	182.87	100	Vertical	Pass

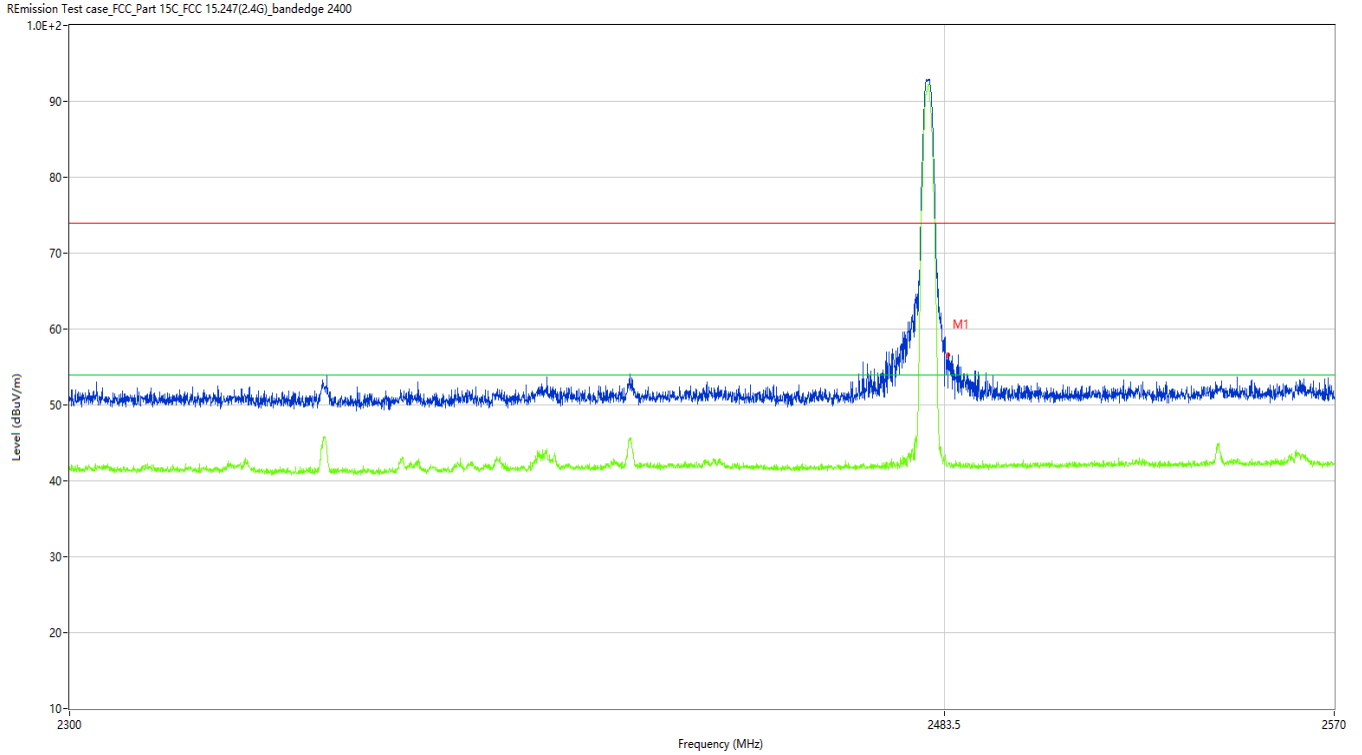
TEST REPORT

Report No.: SHE23010029-02AE

Date: 2023-01-30

Page 70 of 90

Figure 77: The plots of Band Edge, 2480MHz, BLE-1M, 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	56.21	-9.51	74.0	17.79	Peak	145.73	100	Horizontal	Pass
1**	2483.500	42.39	-9.51	54.0	11.61	AV	145.73	100	Horizontal	Pass

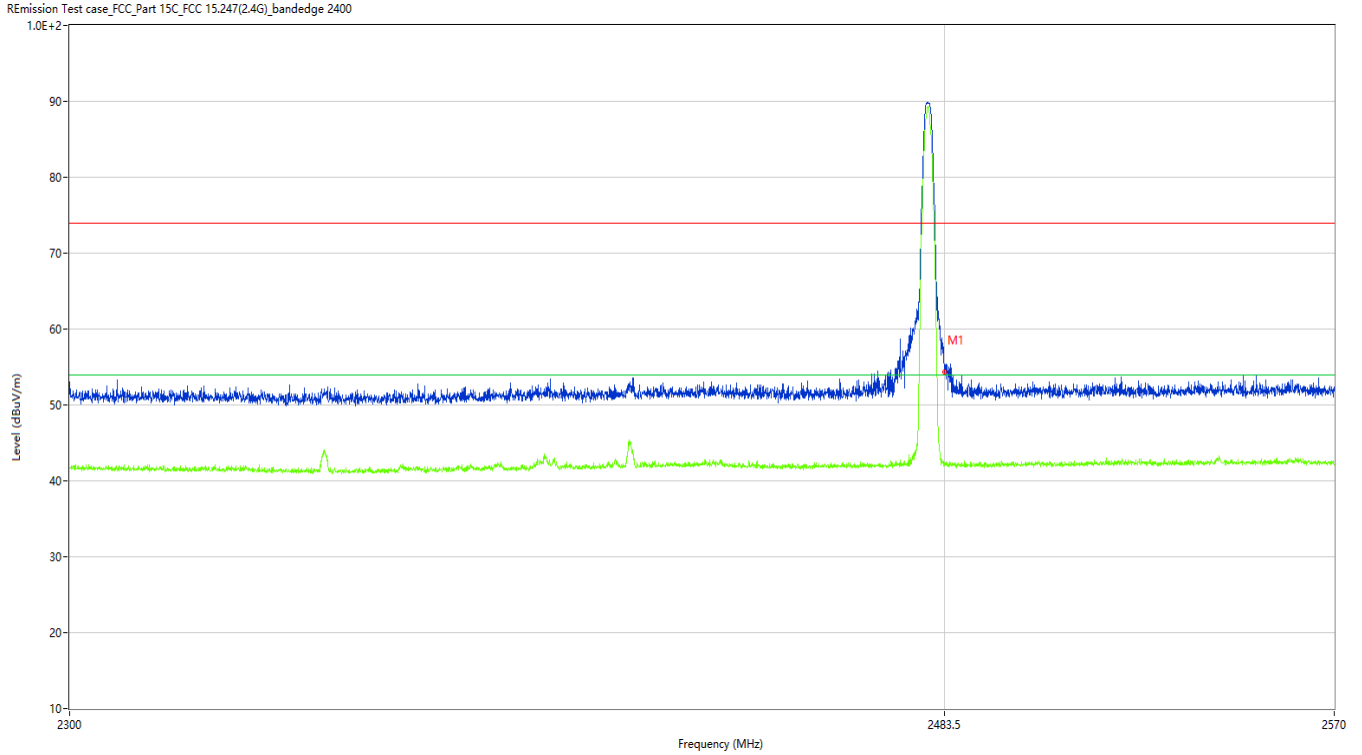
TEST REPORT

Report No.: SHE23010029-02AE

Date: 2023-01-30

Page 71 of 90

Figure 78: The plots of Band Edge, 2480MHz, BLE-1M, 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	54.53	-9.51	74.0	19.47	Peak	296.41	200	Vertical	Pass
1**	2483.500	42.19	-9.51	54.0	11.81	AV	296.41	200	Vertical	Pass

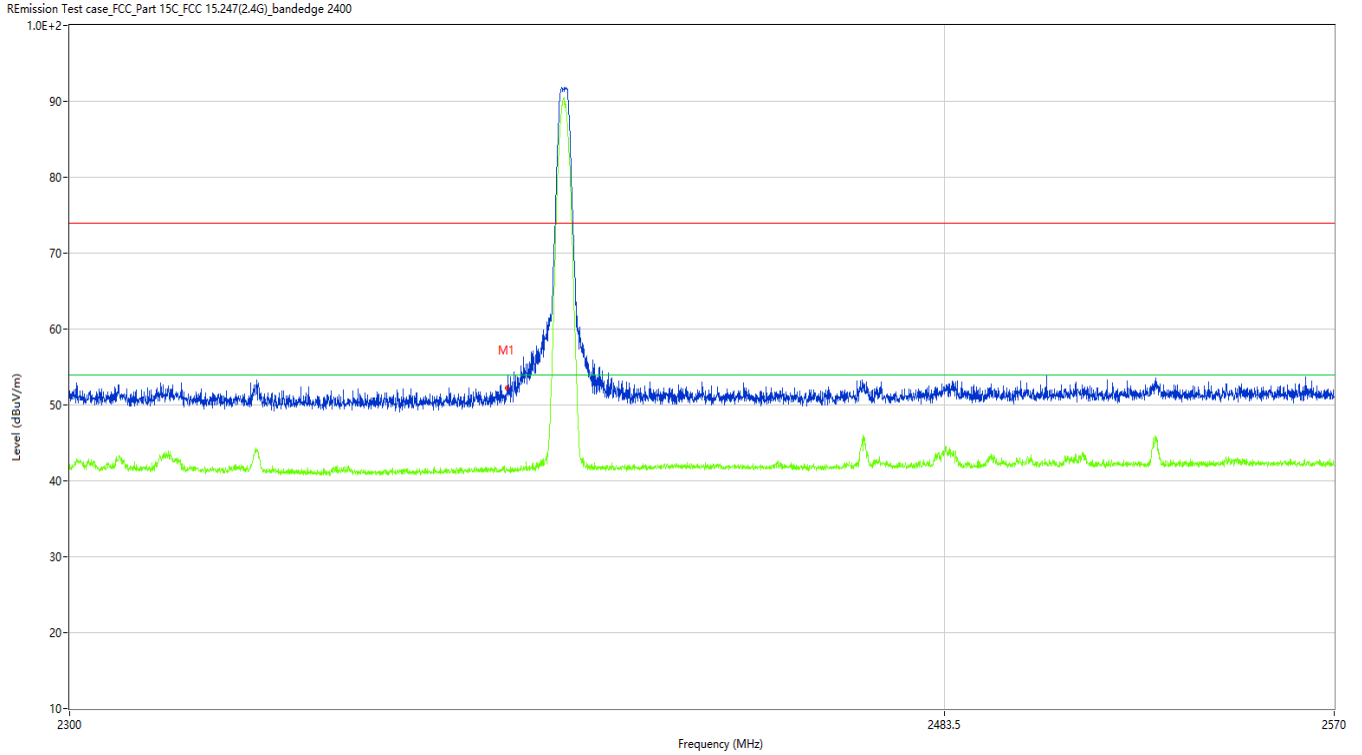
TEST REPORT

Report No.: SHE23010029-02AE

Date: 2023-01-30

Page 72 of 90

Figure 79: The plots of Band Edge, 2402MHz, BLE-2M, 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	52.27	-9.96	74.0	21.73	Peak	192.10	100	Horizontal	Pass
1**	2390.000	41.42	-9.96	54.0	12.58	AV	192.10	100	Horizontal	Pass

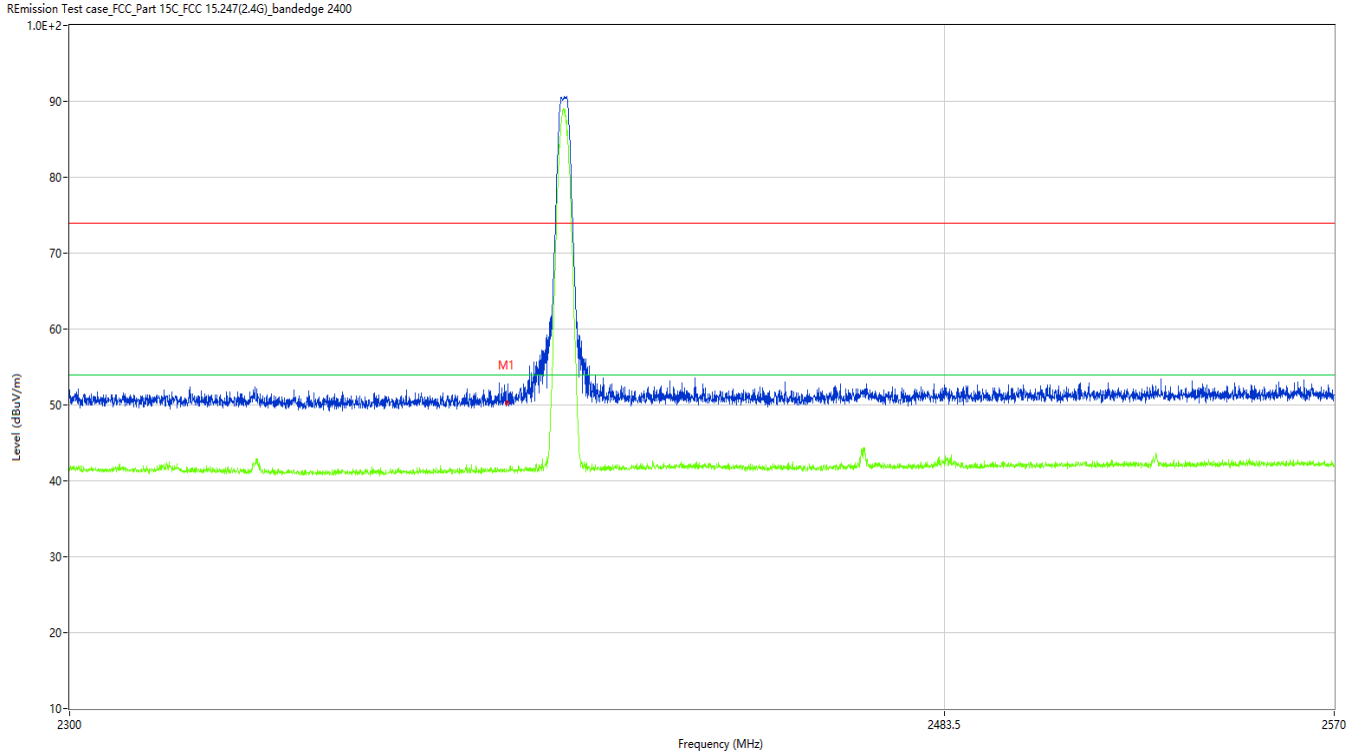
TEST REPORT

Report No.: SHE23010029-02AE

Date: 2023-01-30

Page 73 of 90

Figure 80: The plots of Band Edge, 2402MHz, BLE-2M, 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	50.24	-9.96	74.0	23.76	Peak	146.07	100	Vertical	Pass
1**	2390.000	41.30	-9.96	54.0	12.70	AV	146.07	100	Vertical	Pass

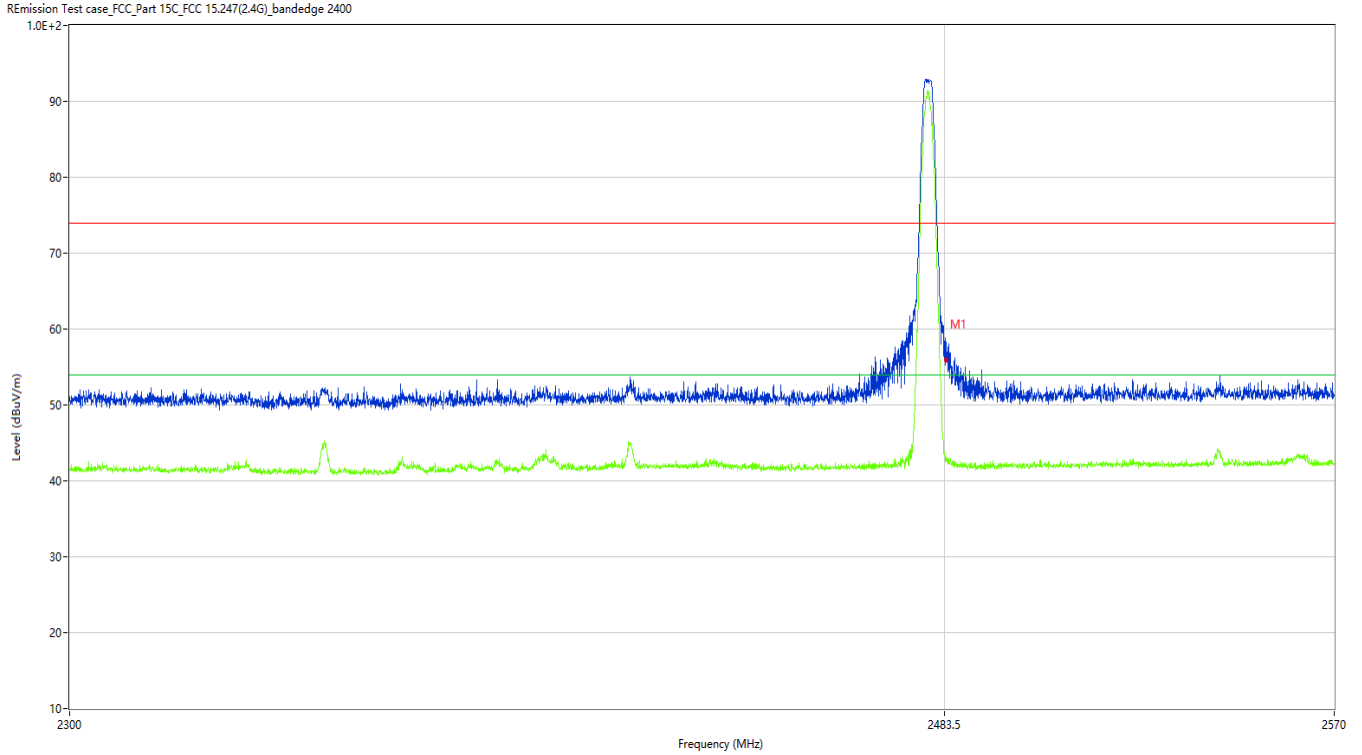
TEST REPORT

Report No.: SHE23010029-02AE

Date: 2023-01-30

Page 74 of 90

Figure 81: The plots of Band Edge, 2480MHz, BLE-2M, 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	56.21	-9.51	74.0	17.79	Peak	194.69	100	Horizontal	Pass
1**	2483.500	43.27	-9.51	54.0	10.73	AV	194.69	100	Horizontal	Pass

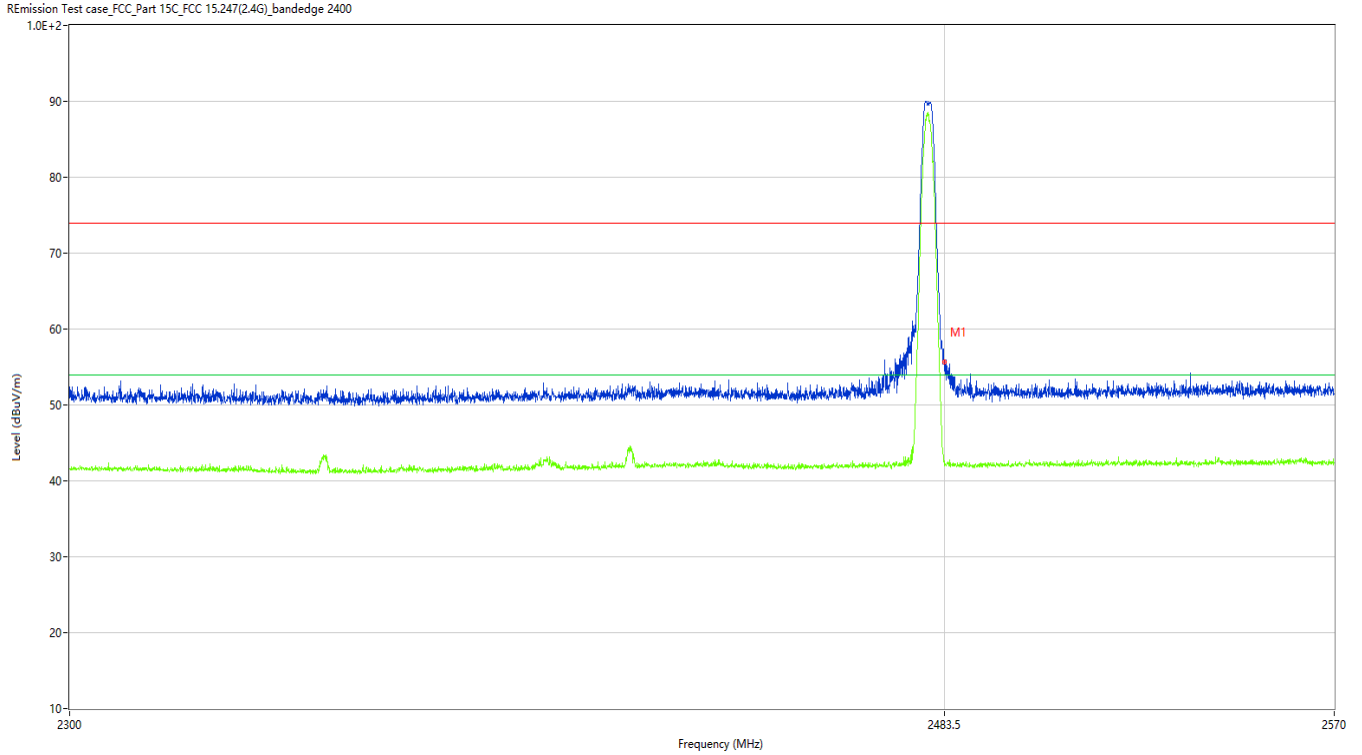
TEST REPORT

Report No.: SHE23010029-02AE

Date: 2023-01-30

Page 75 of 90

Figure 82: The plots of Band Edge, 2480MHz, BLE-2M, 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	55.76	-9.51	74.0	18.24	Peak	291.79	100	Vertical	Pass
1**	2483.500	42.56	-9.51	54.0	11.44	AV	291.79	100	Vertical	Pass

TEST REPORT

Report No.: SHE23010029-02AE

Date: 2023-01-30

Page 76 of 90

4.2 Mains Emissions

4.2.1 Conducted Emission on AC Mains

RESULT:

PASS

Test standard : FCC Part 15.207(a), RSS-Gen 8.8
Requirement : ANSI C63.10-2013 clause 6.2
Kind of test site : Shielded room

Test setup

Input Voltage : DC 29V supply by power adapter (which received
AC 120V, 60Hz)
Operation Mode : A.2
Earthing : Not Connected
Ambient temperature : 21°C
Relative humidity : 52%

For details refer to following test plot.

TEST REPORT

Report No.: SHE23010029-02AE

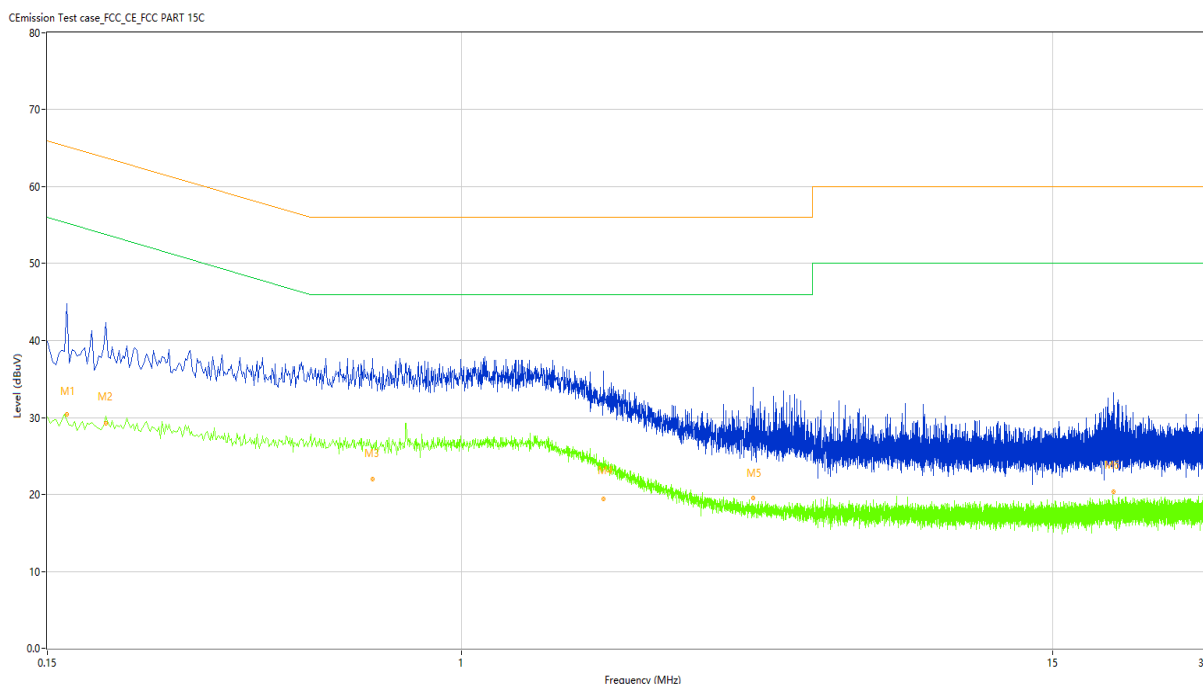
Date: 2023-01-30

Page 77 of 90

Note:

The all configurations were tested respectively, but only the worst configuration(BLE-2M, 2402) shown here.

Figure 83: Conducted Emission on AC Mains, L Phase



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.164	44.03	10.29	65.26	21.23	Peak	L	Pass
1*	0.164	30.40	10.29	65.26	34.86	QP	L	Pass
1**	0.164	29.61	10.29	55.26	25.65	AV	L	Pass
2	0.196	42.65	10.26	63.78	21.13	Peak	L	Pass
2*	0.196	29.20	10.26	63.78	34.58	QP	L	Pass
2**	0.196	30.13	10.26	53.78	23.65	AV	L	Pass
3	0.666	29.94	10.35	56.00	26.06	Peak	L	Pass
3*	0.666	21.96	10.35	56.00	34.04	QP	L	Pass
3**	0.666	25.88	10.35	46.00	20.12	AV	L	Pass
4	1.916	28.53	10.18	56.00	27.47	Peak	L	Pass
4*	1.916	19.45	10.18	56.00	36.55	QP	L	Pass
4**	1.916	24.84	10.18	46.00	21.16	AV	L	Pass
5	3.808	33.50	10.22	56.00	22.50	Peak	L	Pass
5*	3.808	19.50	10.22	56.00	36.50	QP	L	Pass
5**	3.808	18.53	10.22	46.00	27.47	AV	L	Pass
6	19.812	32.73	10.95	60.00	27.27	Peak	L	Pass
6*	19.812	20.41	10.95	60.00	39.59	QP	L	Pass
6**	19.812	19.06	10.95	50.00	30.94	AV	L	Pass

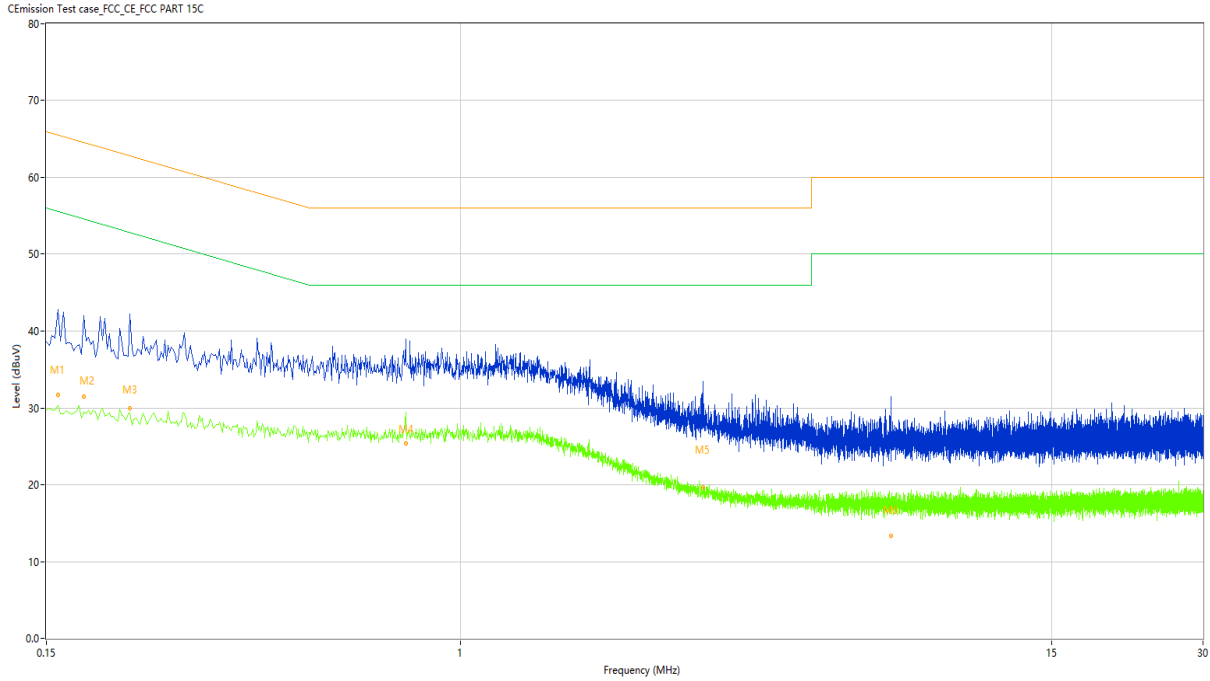
TEST REPORT

Report No.: SHE23010029-02AE

Date: 2023-01-30

Page 78 of 90

Figure 84: Conducted Emission on AC Mains, N Phase



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.158	44.43	10.20	65.57	21.14	Peak	N	Pass
1*	0.158	31.66	10.20	65.57	33.91	QP	N	Pass
1**	0.158	30.34	10.20	55.57	25.23	AV	N	Pass
2	0.178	43.54	10.19	64.58	21.04	Peak	N	Pass
2*	0.178	31.44	10.19	64.58	33.14	QP	N	Pass
2**	0.178	29.46	10.19	54.58	25.12	AV	N	Pass
3	0.220	41.69	10.21	62.82	21.13	Peak	N	Pass
3*	0.220	29.98	10.21	62.82	32.84	QP	N	Pass
3**	0.220	29.41	10.21	52.82	23.41	AV	N	Pass
4	0.778	32.27	10.19	56.00	23.73	Peak	N	Pass
4*	0.778	25.35	10.19	56.00	30.65	QP	N	Pass
4**	0.778	29.47	10.19	46.00	16.53	AV	N	Pass
5	3.042	31.62	10.24	56.00	24.38	Peak	N	Pass
5*	3.042	19.67	10.24	56.00	36.33	QP	N	Pass
5**	3.042	19.31	10.24	46.00	26.69	AV	N	Pass
6	7.186	25.26	10.45	60.00	34.74	Peak	N	Pass
6*	7.186	13.28	10.45	60.00	46.72	QP	N	Pass
6**	7.186	18.40	10.45	50.00	31.60	AV	N	Pass

TEST REPORT

Report No.: SHE23010029-02AE

Date: 2023-01-30

Page 79 of 90

5 Appendixes

5.1 Photographs of the Sample

CB05BF



Front of the sample



Rear of the sample

TEST REPORT

Report No.:

SHE23010029-02AE

Date:

2023-01-30

Page 80 of 90



Left of the sample



Right of the sample

TEST REPORT

Report No.:

SHE23010029-02AE

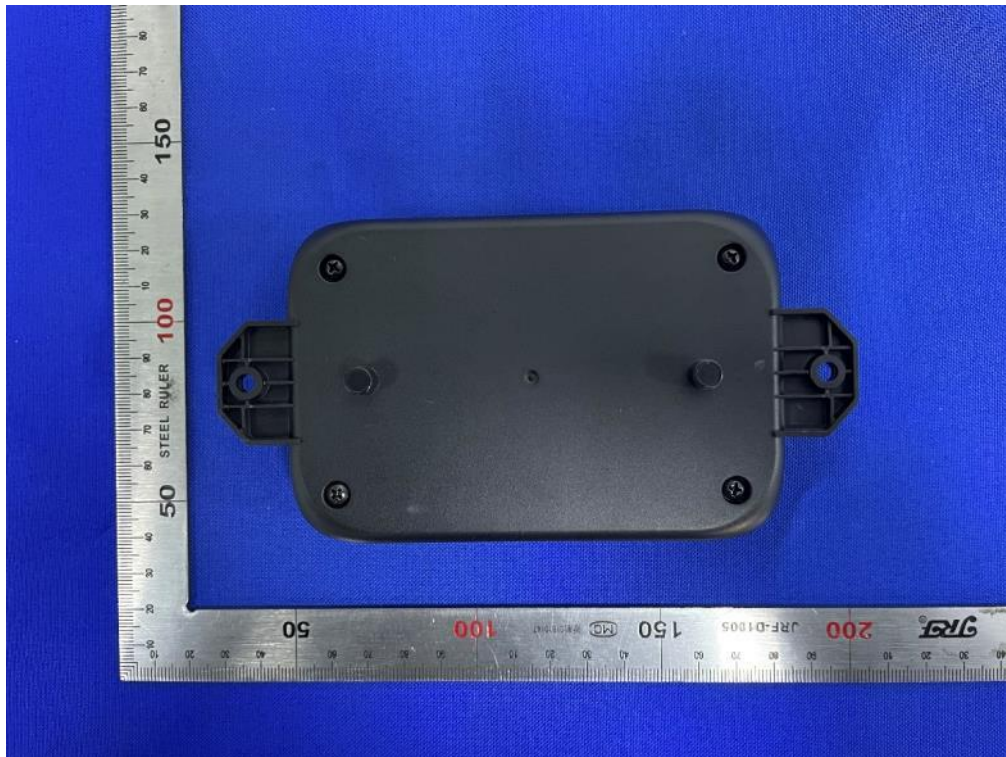
Date:

2023-01-30

Page 81 of 90



Top of the sample



Bottom of the sample

TEST REPORT

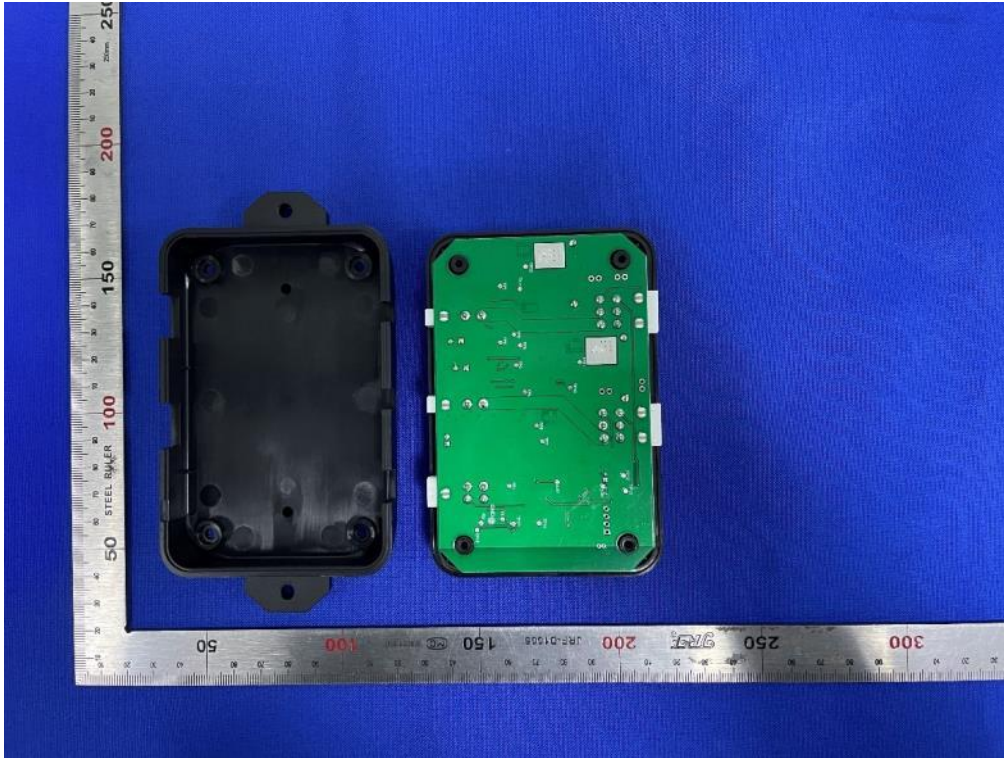
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SHE23010029-02AE

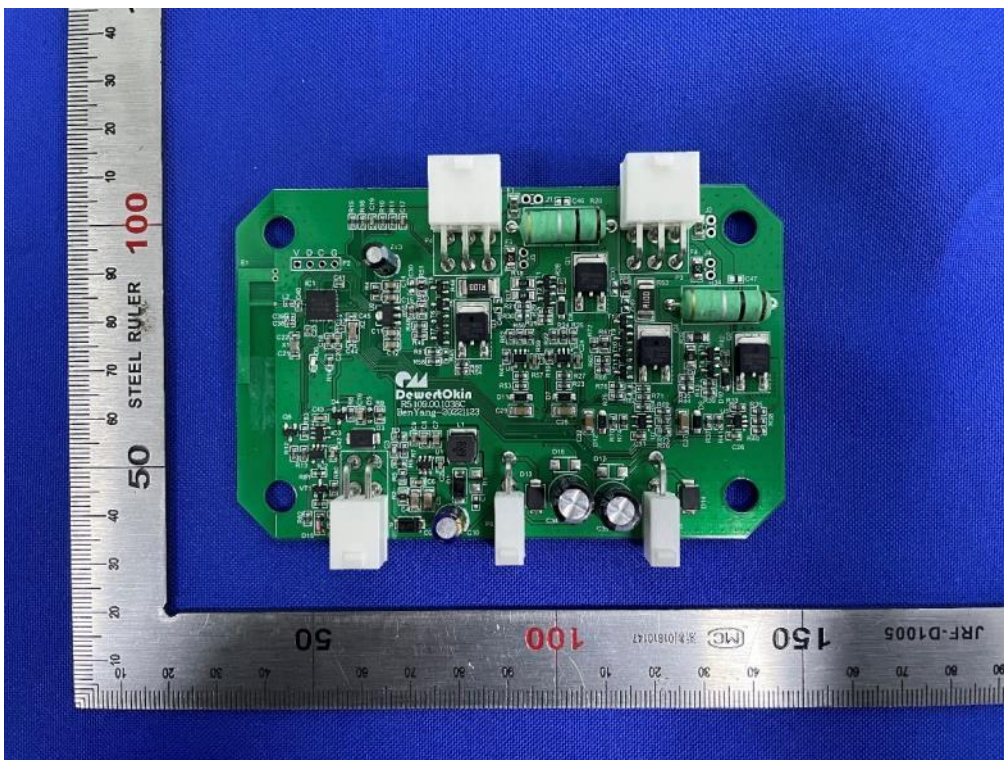
Date:

2023-01-30

Page 82 of 90



Open of the sample



Internal-1 of the sample

TEST REPORT

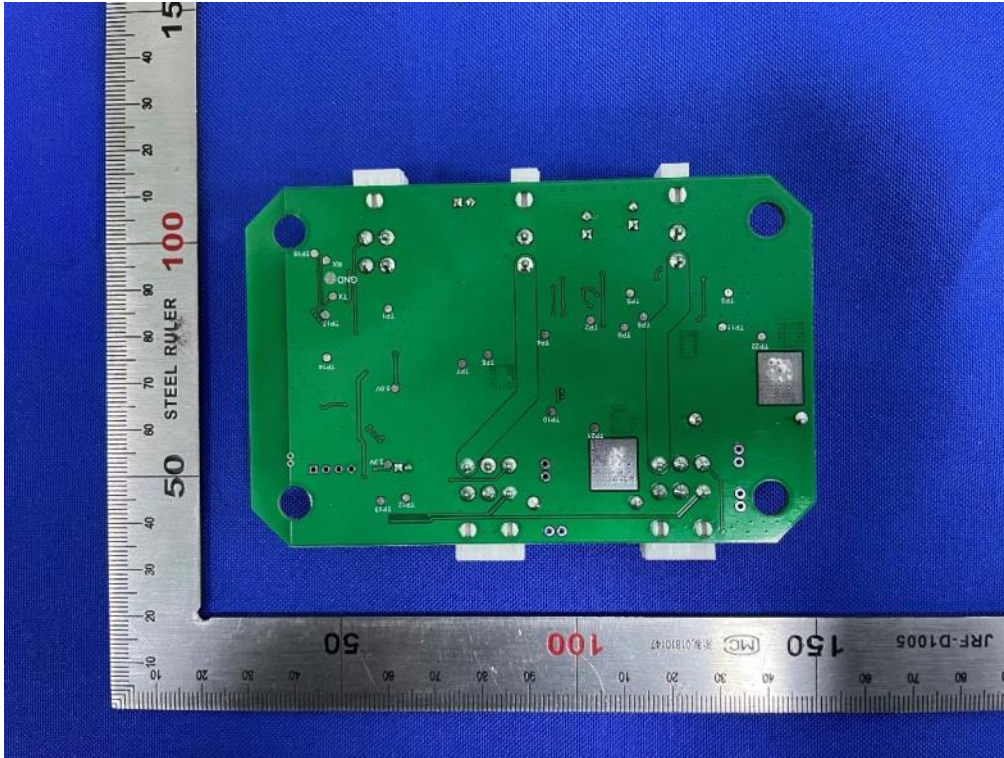
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SHE23010029-02AE

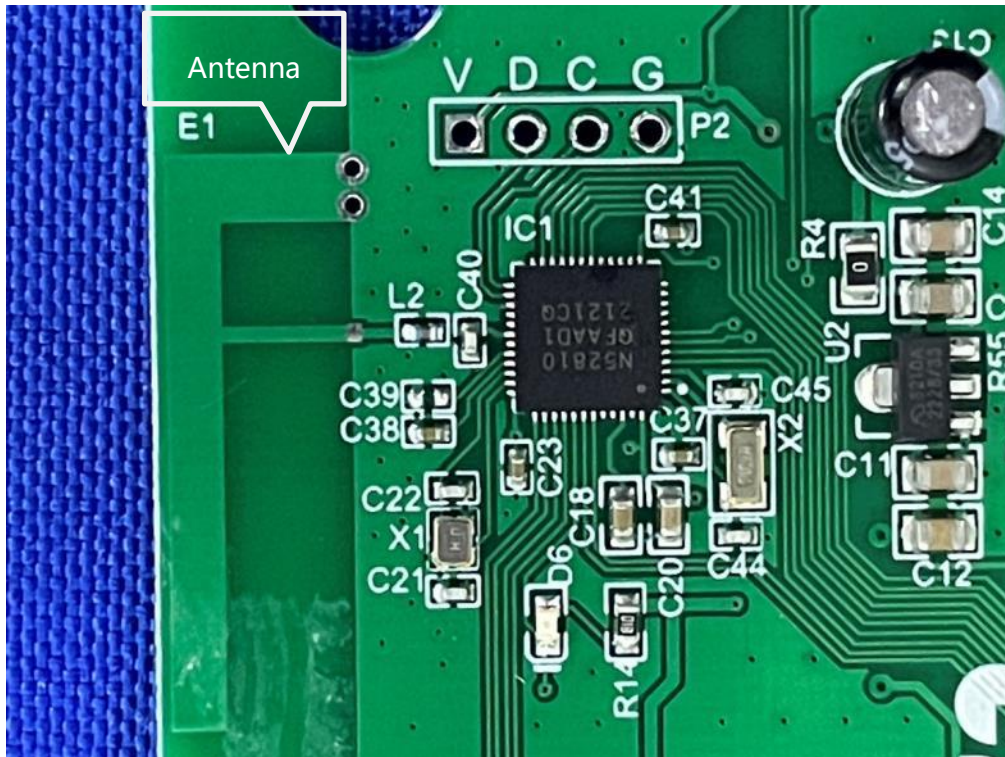
Date:

2023-01-30

Page 83 of 90



Internal-2 of the sample



Antenna position of the sample

TEST REPORT

Report No.:

SHE23010029-02AE

Date:

2023-01-30

Page 84 of 90

CB05SF



Front of the sample



Rear of the sample

TEST REPORT

Report No.:

SHE23010029-02AE

Date:

2023-01-30

Page 85 of 90



Left of the sample



Right of the sample

TEST REPORT

Report No.:

SHE23010029-02AE

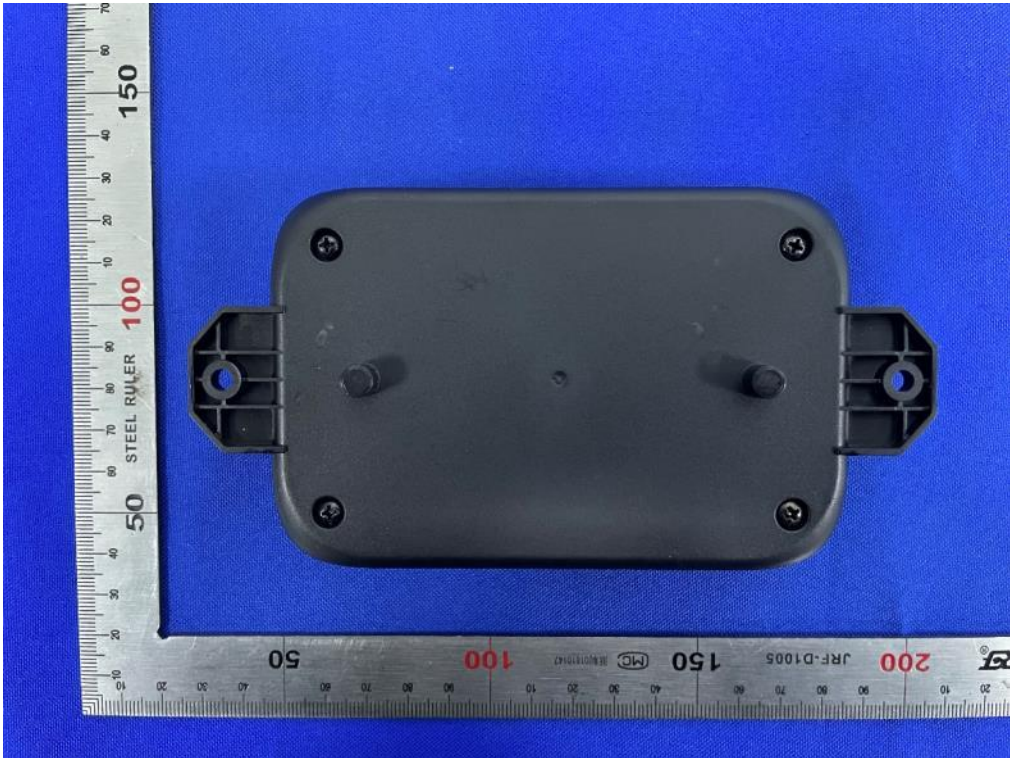
Date:

2023-01-30

Page 86 of 90



Top of the sample



Bottom of the sample

TEST REPORT

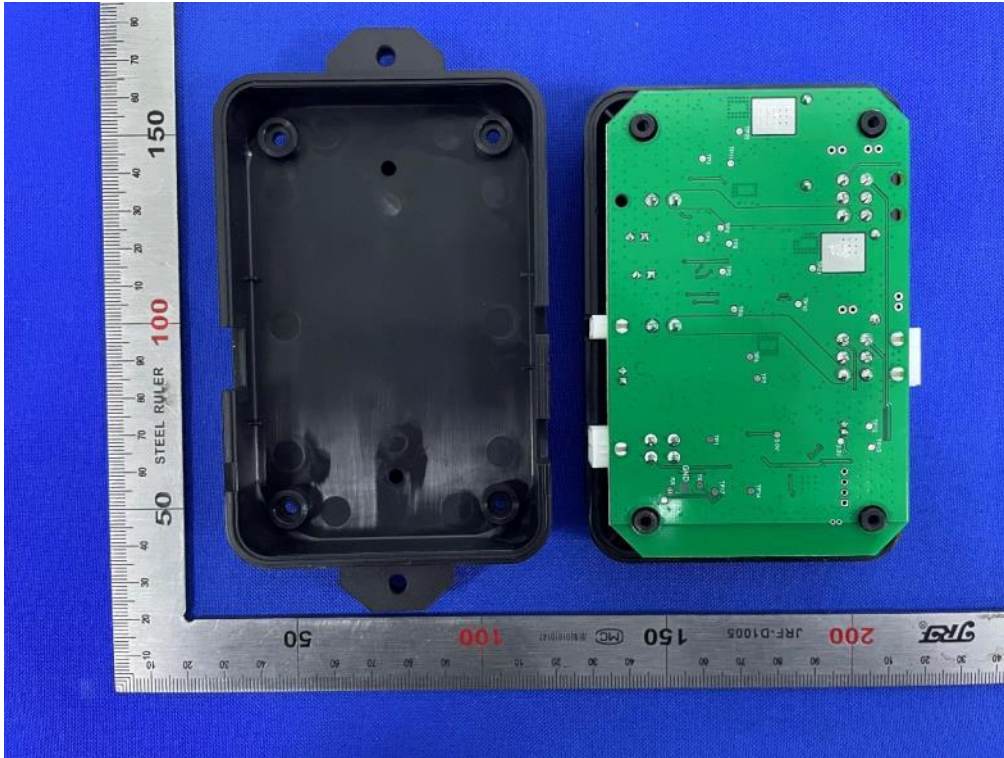
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SHE23010029-02AE

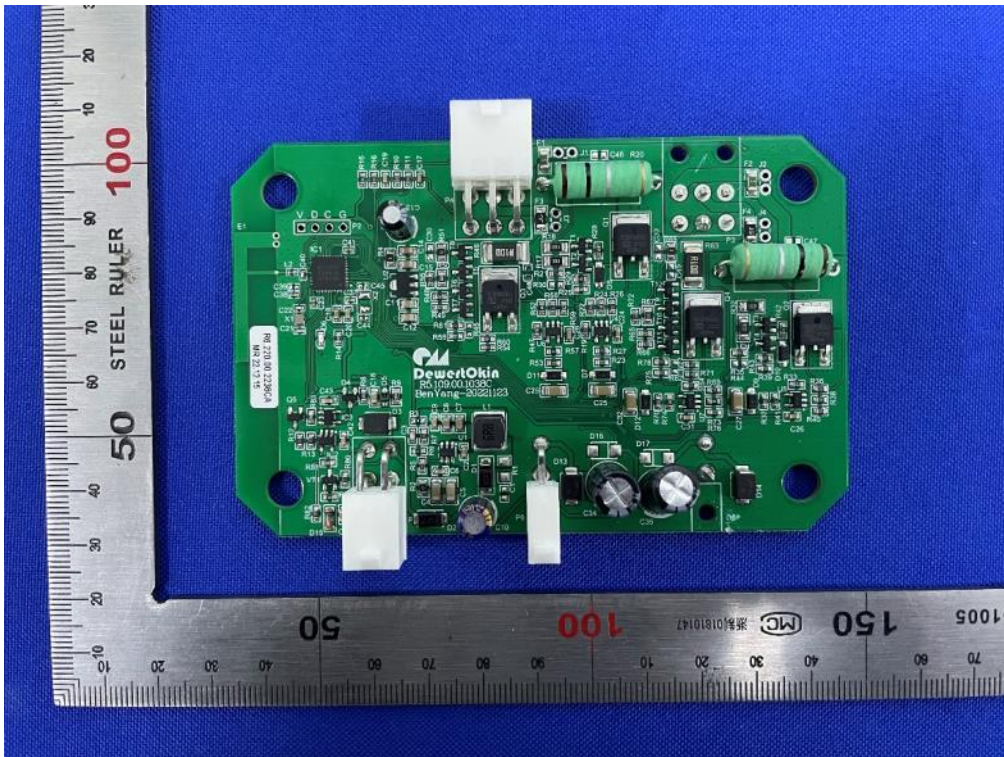
Date:

2023-01-30

Page 87 of 90



Open of the sample



Internal-1 of the sample

TEST REPORT

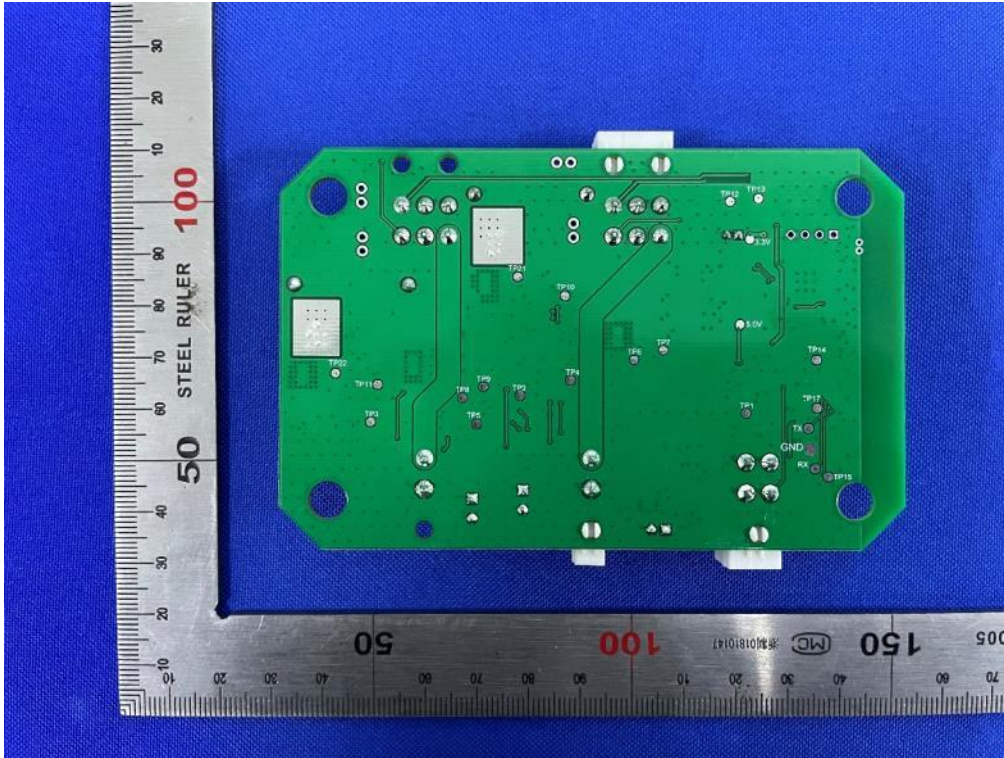
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SHE23010029-02AE

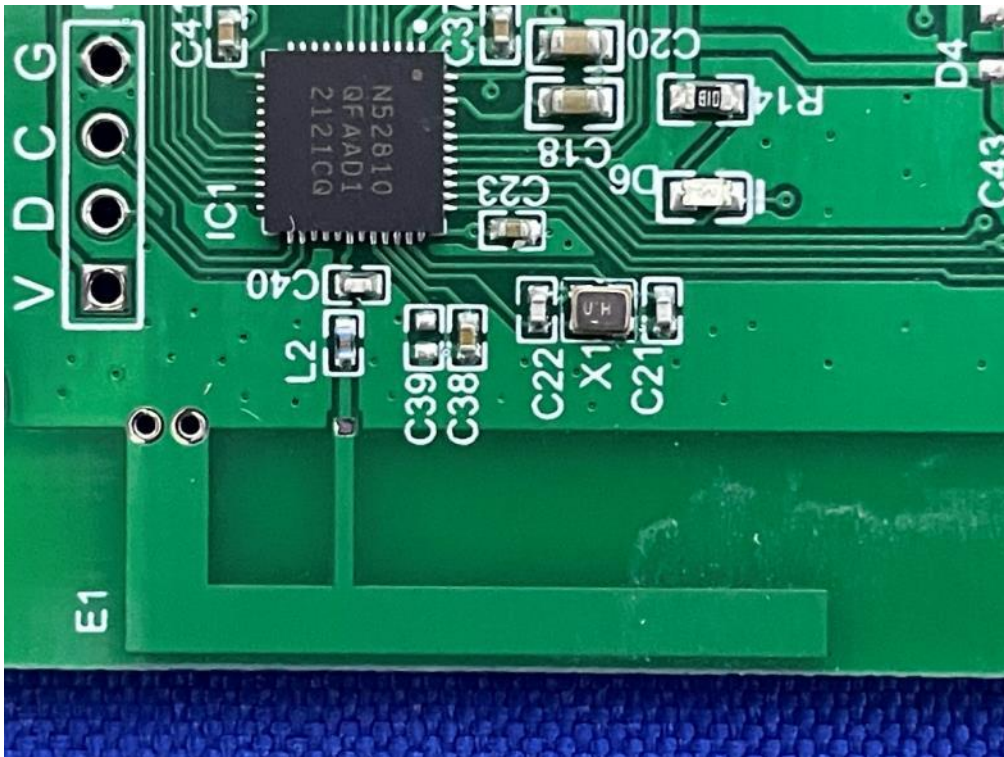
Date:

2023-01-30

Page 88 of 90



Internal-2 of the sample



Antenna position of the sample

TEST REPORT

Report No.: SHE23010029-02AE

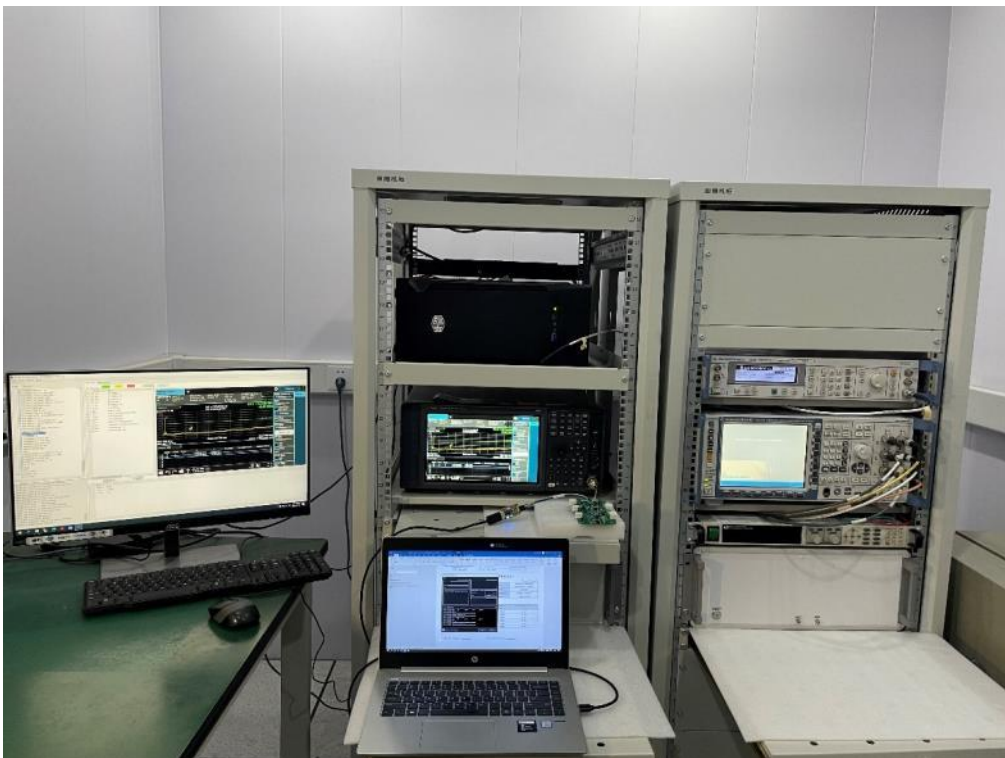
Date: 2023-01-30

Page 89 of 90

5.2 Set-up for Conducted Emissions



5.3 Set-up for Conducted RF test at Antenna Port



TEST REPORT

Report No.: SHE23010029-02AE

Date: 2023-01-30

Page 90 of 90

5.4 Set-up for Spurious Emissions below 1GHz



5.5 Set-up for Spurious Emissions above 1GHz



End of the report