

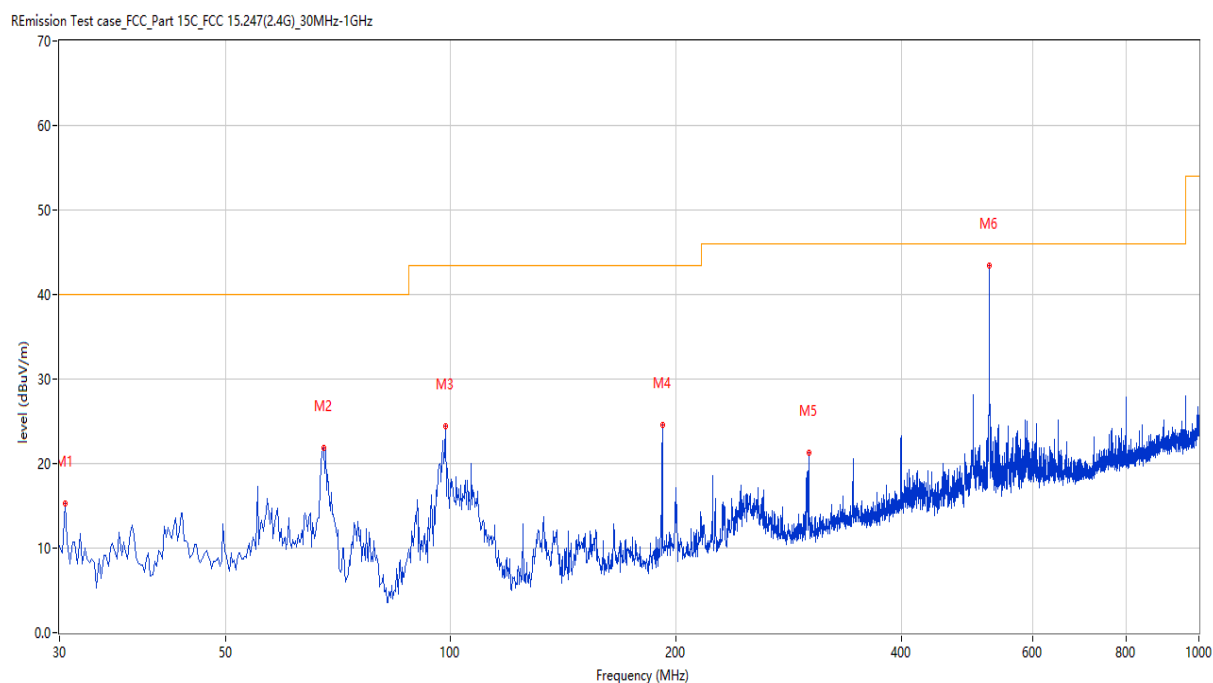
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The plots of BLE_1Mbps_2440 Channel, Vertical polarization_30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	30.485	15.25	-29.66	40.0	-24.75	Peak	356.50	150	Vertical	Pass
2	67.578	21.90	-28.50	40.0	-18.10	Peak	235.90	100	Vertical	Pass
3	98.368	24.40	-26.77	43.5	-19.10	Peak	37.20	100	Vertical	Pass
4	191.950	24.54	-26.70	43.5	-18.96	Peak	49.60	200	Vertical	Pass
5	301.047	21.30	-23.73	46.0	-24.70	Peak	8.90	150	Vertical	Pass
6	524.819	43.38	-17.96	46.0	-2.62	Peak	2.50	100	Vertical	Pass

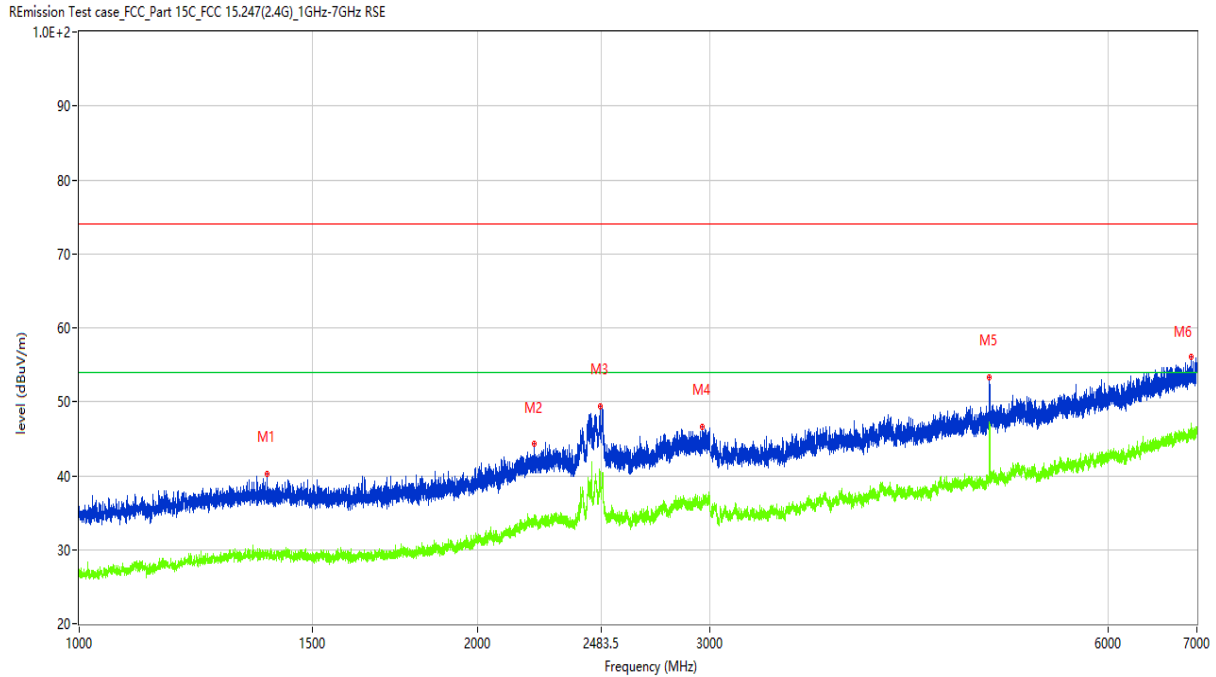
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The plots of BLE_1Mbps_2440 Channel, Horizontal polarization_1GHz-7GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1386.250	40.29	-12.72	74.0	-33.71	Peak	202.50	100	Horizontal	Pass
1**	1386.250	29.92	-12.72	54.0	-24.08	AV	202.50	100	Horizontal	Pass
2	2208.250	44.27	-8.08	74.0	-29.73	Peak	202.50	100	Horizontal	Pass
2**	2208.250	33.86	-8.08	54.0	-20.14	AV	202.50	100	Horizontal	Pass
3	2476.250	49.43	-2.10	74.0	-24.57	Peak	54.80	100	Horizontal	Pass
3**	2476.250	39.90	-2.10	54.0	-14.10	AV	54.80	100	Horizontal	Pass
4	2959.250	46.63	-3.43	74.0	-27.37	Peak	211.10	100	Horizontal	Pass
4**	2959.250	36.57	-3.43	54.0	-17.43	AV	211.10	100	Horizontal	Pass
5	4879.500	53.29	0.06	74.0	-20.71	Peak	184.80	100	Horizontal	Pass
5**	4879.500	47.01	0.06	54.0	-6.99	AV	184.80	100	Horizontal	Pass
6	6935.000	56.01	5.12	74.0	-17.99	Peak	249.90	100	Horizontal	Pass
6**	6935.000	45.57	5.12	54.0	-8.43	AV	249.90	100	Horizontal	Pass

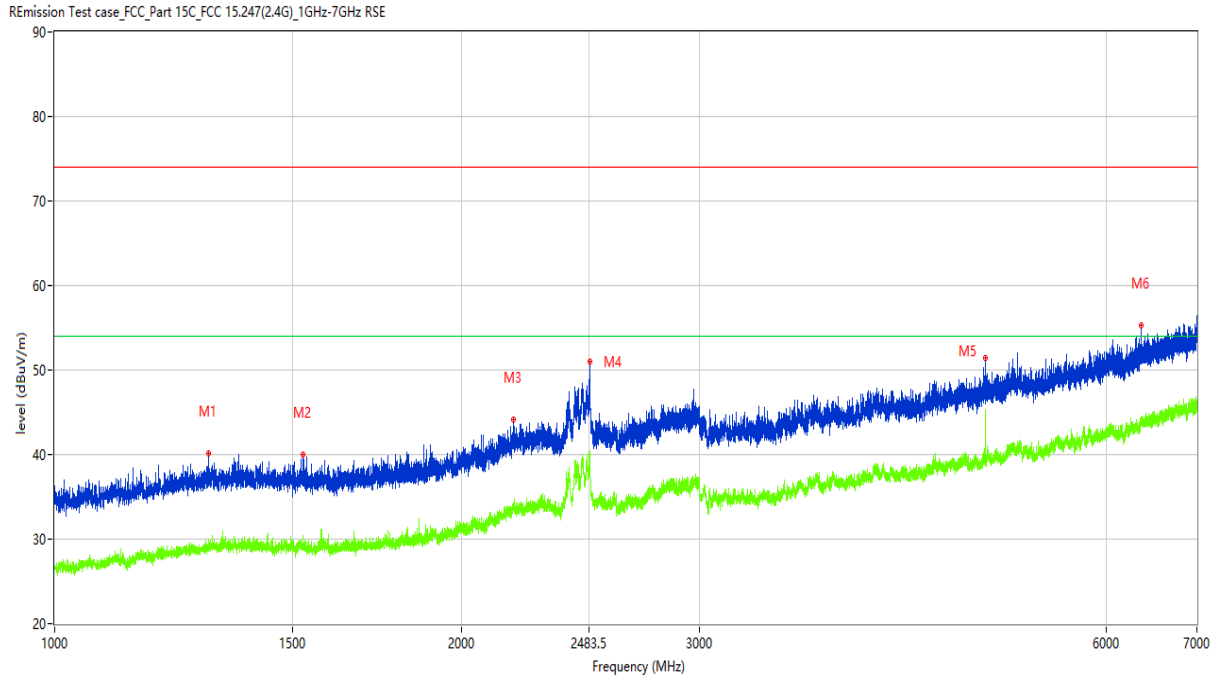
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The plots of BLE_1Mbps_2440 Channel, Vertical polarization_1GHz-7GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1299.750	40.14	-12.80	74.0	-33.86	Peak	282.20	100	Vertical	Pass
1**	1299.750	29.46	-12.80	54.0	-24.54	AV	282.20	100	Vertical	Pass
2	1526.750	39.96	-13.02	74.0	-34.04	Peak	112.50	100	Vertical	Pass
2**	1526.750	29.17	-13.02	54.0	-24.83	AV	112.50	100	Vertical	Pass
3	2186.000	44.17	-8.07	74.0	-29.83	Peak	156.80	100	Vertical	Pass
3**	2186.000	33.96	-8.07	54.0	-20.04	AV	156.80	100	Vertical	Pass
4	2487.250	50.99	-1.89	74.0	-23.01	Peak	0.20	100	Vertical	Pass
4**	2487.250	40.29	-1.89	54.0	-13.71	AV	0.20	100	Vertical	Pass
5	4880.000	51.40	0.06	74.0	-22.60	Peak	360.00	100	Vertical	Pass
5**	4880.000	45.28	0.06	54.0	-8.72	AV	360.00	100	Vertical	Pass
6	6369.500	55.25	3.54	74.0	-18.75	Peak	334.70	100	Vertical	Pass
6**	6369.500	44.27	3.54	54.0	-9.73	AV	334.70	100	Vertical	Pass

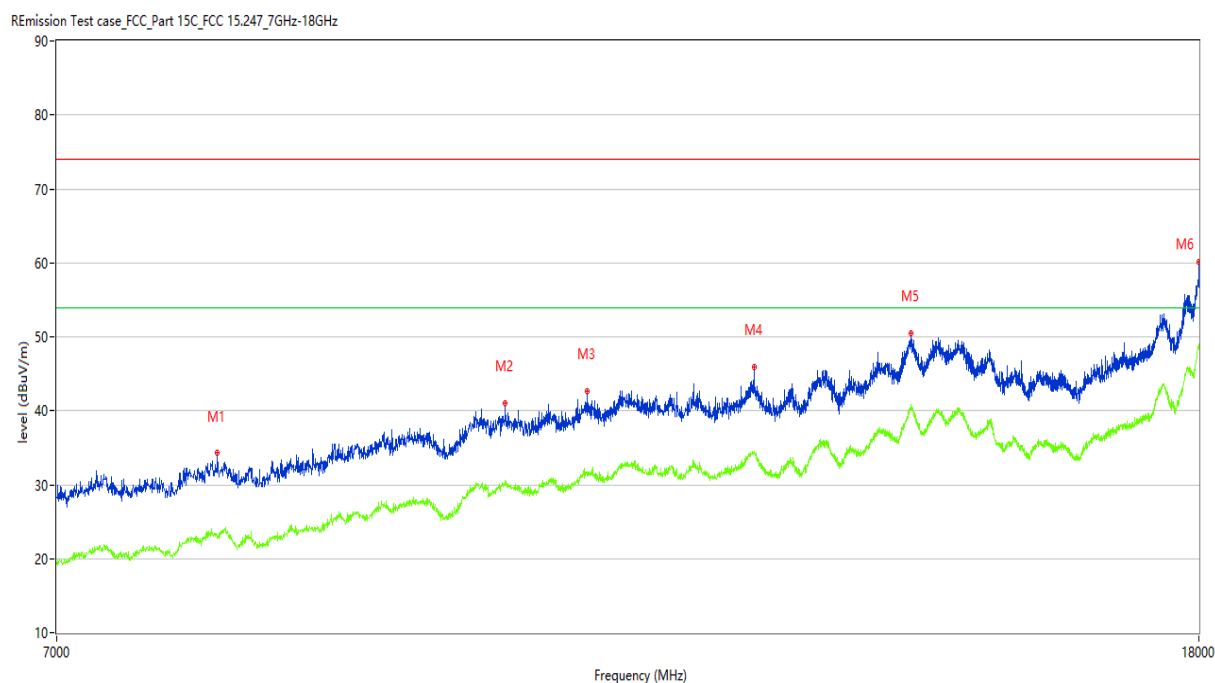
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The plots of BLE_1Mbps_2440 Channel, Horizontal polarization_7GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7995.500	34.31	3.81	74.0	-39.69	Peak	0.90	100	Horizontal	Pass
1**	7995.500	22.68	3.81	54.0	-31.32	AV	0.90	100	Horizontal	Pass
2	10143.250	41.08	9.30	74.0	-32.92	Peak	0.90	100	Horizontal	Pass
2**	10143.250	30.61	9.30	54.0	-23.39	AV	0.90	100	Horizontal	Pass
3	10855.500	42.72	11.12	74.0	-31.28	Peak	23.10	100	Horizontal	Pass
3**	10855.500	31.74	11.12	54.0	-22.26	AV	23.10	100	Horizontal	Pass
4	12458.750	45.98	12.54	74.0	-28.02	Peak	51.70	100	Horizontal	Pass
4**	12458.750	34.15	12.54	54.0	-19.85	AV	51.70	100	Horizontal	Pass
5	14188.500	50.55	19.75	74.0	-23.45	Peak	241.20	100	Horizontal	Pass
5**	14188.500	40.80	19.75	54.0	-13.20	AV	241.20	100	Horizontal	Pass
6	17999.999	60.12	27.92	74.0	-13.88	Peak	167.10	100	Horizontal	Pass
6**	17999.999	48.96	27.92	54.0	-5.04	AV	167.10	100	Horizontal	Pass

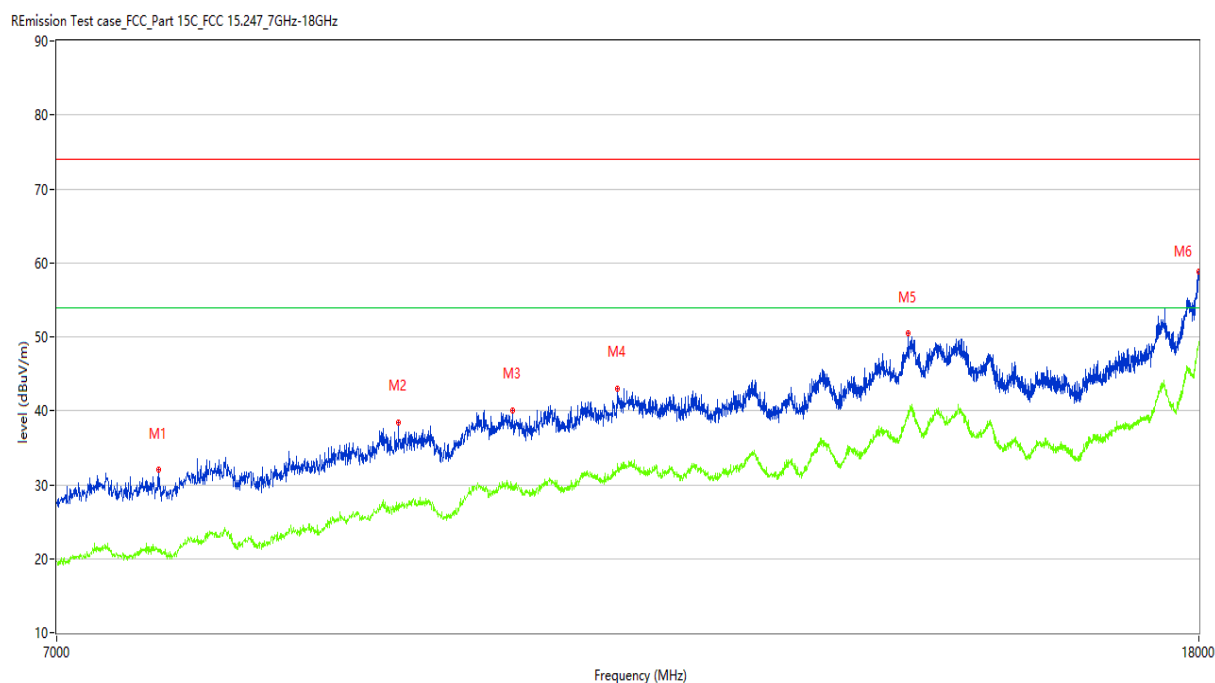
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The plots of BLE_1Mbps_2440 Channel, Vertical polarization_7GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7613.250	32.07	1.54	74.0	-41.93	Peak	359.70	100	Vertical	Pass
1**	7613.250	21.21	1.54	54.0	-32.79	AV	359.70	100	Vertical	Pass
2	9285.250	38.49	6.59	74.0	-35.51	Peak	70.80	100	Vertical	Pass
2**	9285.250	27.06	6.59	54.0	-26.94	AV	70.80	100	Vertical	Pass
3	10203.750	39.98	9.15	74.0	-34.02	Peak	1.00	100	Vertical	Pass
3**	10203.750	29.26	9.15	54.0	-24.74	AV	1.00	100	Vertical	Pass
4	11133.250	43.04	10.69	74.0	-30.96	Peak	1.00	100	Vertical	Pass
4**	11133.250	32.78	10.69	54.0	-21.22	AV	1.00	100	Vertical	Pass
5	14158.250	50.44	18.82	74.0	-23.56	Peak	70.80	100	Vertical	Pass
5**	14158.250	40.03	18.82	54.0	-13.97	AV	70.80	100	Vertical	Pass
6	17997.251	58.76	27.75	74.0	-15.24	Peak	134.80	100	Vertical	Pass
6**	17997.251	49.31	27.75	54.0	-4.69	AV	134.80	100	Vertical	Pass

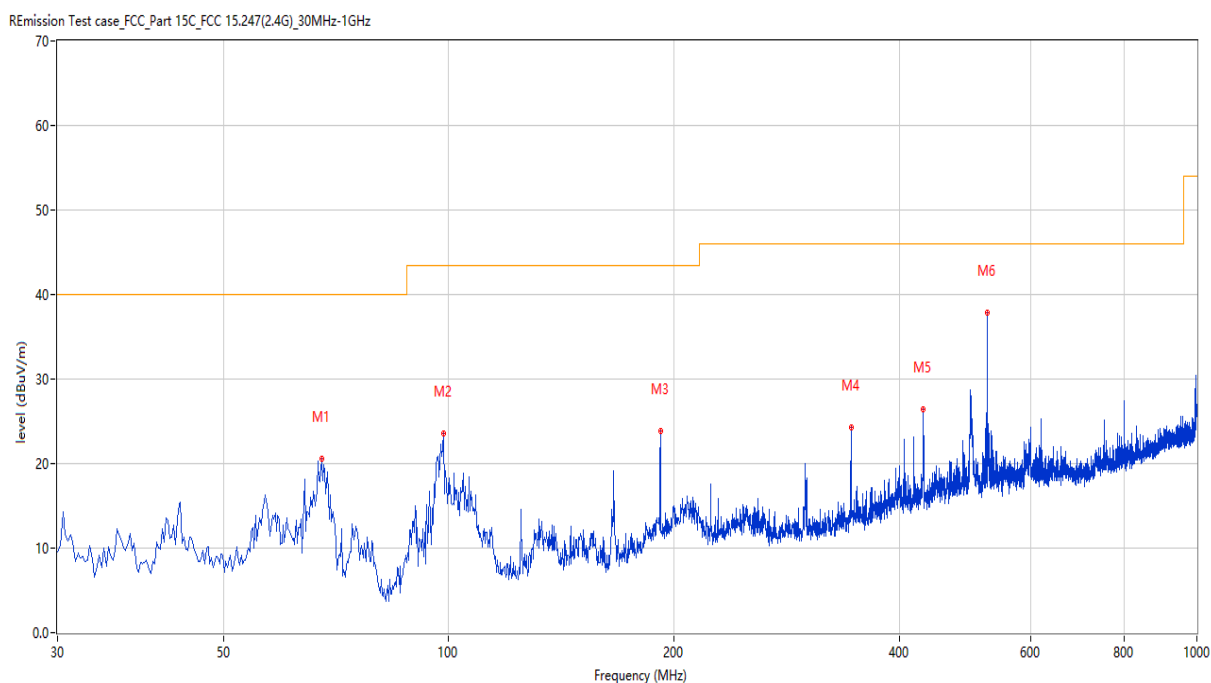
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Figure 12: The plots of BLE_1Mbps_2480 Channel, Horizontal polarization_30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	67.578	20.55	-28.50	40.0	-19.45	Peak	27.90	100	Horizontal	Pass
2	98.368	23.57	-26.77	43.5	-19.93	Peak	37.00	150	Horizontal	Pass
3	191.950	23.92	-26.70	43.5	-19.58	Peak	32.10	150	Horizontal	Pass
4	344.929	24.35	-21.82	46.0	-21.65	Peak	0.00	150	Horizontal	Pass
5	430.995	26.37	-20.31	46.0	-19.63	Peak	348.80	100	Horizontal	Pass
6	524.819	37.82	-17.96	46.0	-8.18	Peak	255.60	150	Horizontal	Pass

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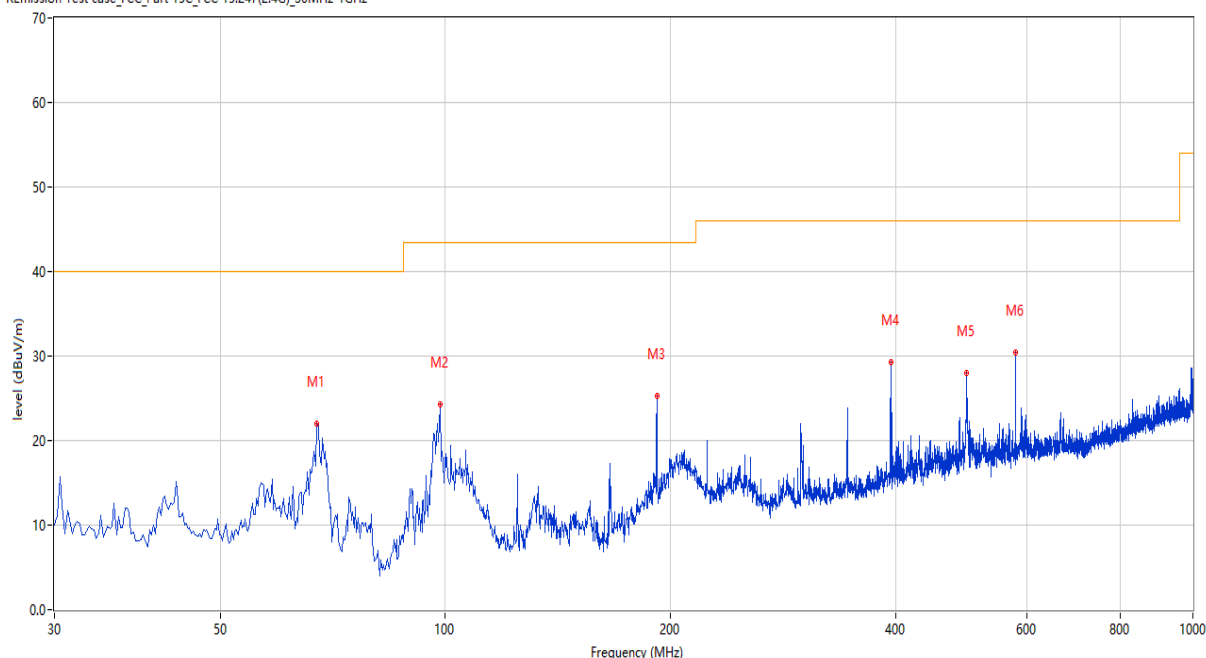
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The plots of BLE_1Mbps_2480 Channel, Vertical polarization_30MHz-1GHz

REmission Test case_FCC_Part 15C_FCC 15.247(2.4G)_30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	67.336	22.01	-28.42	40.0	-17.99	Peak	256.20	150	Vertical	Pass
2	98.368	24.26	-26.77	43.5	-19.24	Peak	360.00	150	Vertical	Pass
3	191.950	25.28	-26.70	43.5	-18.22	Peak	18.20	200	Vertical	Pass
4	394.386	29.33	-20.99	46.0	-16.67	Peak	190.70	150	Vertical	Pass
5	498.150	28.00	-18.67	46.0	-18.00	Peak	360.00	150	Vertical	Pass
6	578.883	30.45	-16.63	46.0	-15.55	Peak	114.60	100	Vertical	Pass

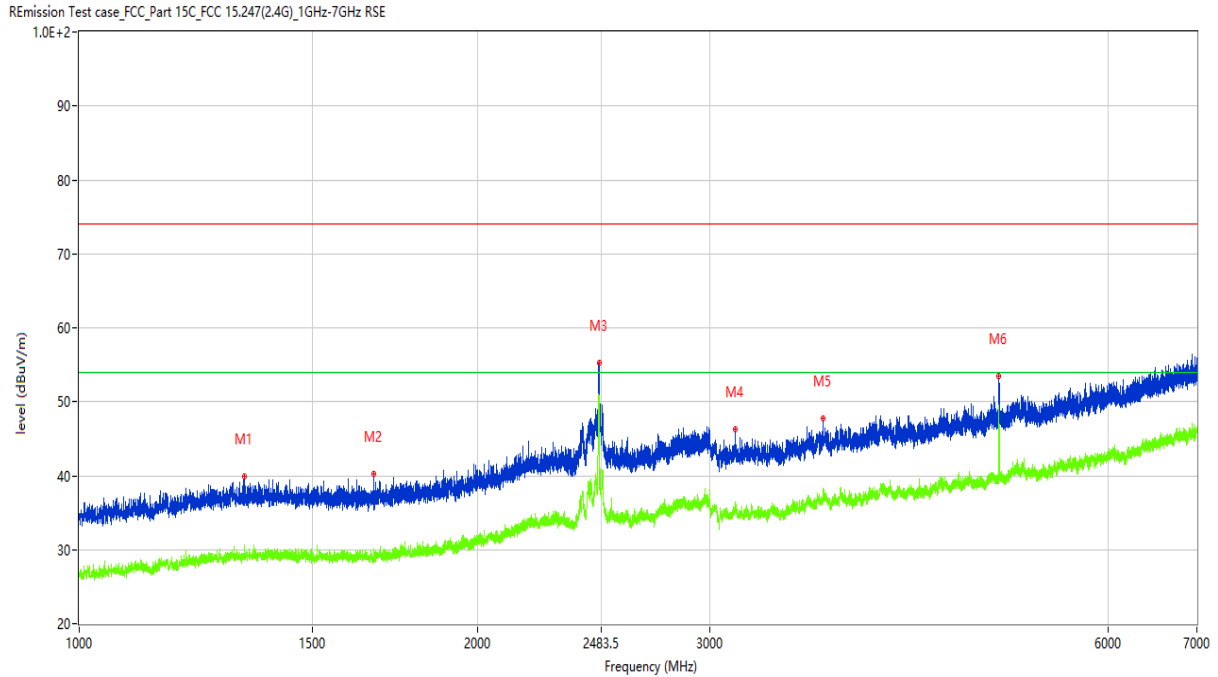
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The plots of BLE_1Mbps_2480 Channel, Horizontal polarization_1GHz-7GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1332.500	39.95	-12.89	74.0	-34.05	Peak	266.70	100	Horizontal	Pass
1**	1332.500	30.37	-12.89	54.0	-23.63	AV	266.70	100	Horizontal	Pass
2	1669.500	40.23	-13.02	74.0	-33.77	Peak	356.50	100	Horizontal	Pass
2**	1669.500	29.09	-13.02	54.0	-24.91	AV	356.50	100	Horizontal	Pass
3	2472.000	55.30	-2.23	74.0	-18.70	Peak	340.90	100	Horizontal	Pass
3**	2472.000	49.68	-2.23	54.0	-4.32	AV	340.90	100	Horizontal	Pass
4	3135.500	46.37	-4.88	74.0	-27.63	Peak	149.90	100	Horizontal	Pass
4**	3135.500	35.23	-4.88	54.0	-18.77	AV	149.90	100	Horizontal	Pass
5	3652.000	47.80	-1.58	74.0	-26.20	Peak	276.40	100	Horizontal	Pass
5**	3652.000	38.29	-1.58	54.0	-15.71	AV	276.40	100	Horizontal	Pass
6	4960.000	53.54	0.22	74.0	-20.46	Peak	149.90	100	Horizontal	Pass
6**	4960.000	49.52	0.22	54.0	-4.48	AV	149.90	100	Horizontal	Pass

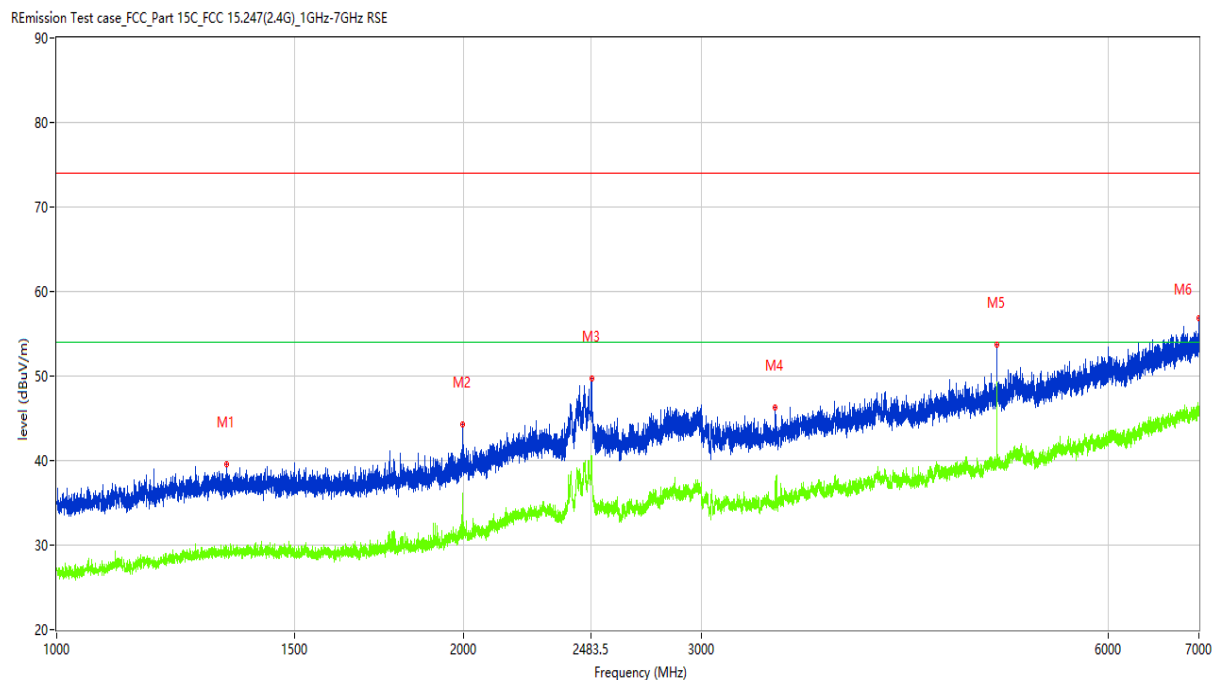
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The plots of BLE_1Mbps_2480 Channel, Vertical polarization_1GHz-7GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1334.750	39.54	-12.86	74.0	-34.46	Peak	106.50	100	Vertical	Pass
1**	1334.750	29.82	-12.86	54.0	-24.18	AV	106.50	100	Vertical	Pass
2	1998.000	44.25	-10.98	74.0	-29.75	Peak	149.70	100	Vertical	Pass
2**	1998.000	36.18	-10.98	54.0	-17.82	AV	149.70	100	Vertical	Pass
3	2487.500	49.66	-1.89	74.0	-24.34	Peak	106.50	100	Vertical	Pass
3**	2487.500	40.47	-1.89	54.0	-13.53	AV	106.50	100	Vertical	Pass
4	3401.000	46.26	-4.64	74.0	-27.74	Peak	133.90	100	Vertical	Pass
4**	3401.000	37.63	-4.64	54.0	-16.37	AV	133.90	100	Vertical	Pass
5	4960.000	53.76	0.22	74.0	-20.24	Peak	0.00	100	Vertical	Pass
5**	4960.000	49.12	0.22	54.0	-4.88	AV	0.00	100	Vertical	Pass
6	6997.500	56.87	5.70	74.0	-17.13	Peak	360.00	100	Vertical	Pass
6**	6997.500	45.98	5.70	54.0	-8.02	AV	360.00	100	Vertical	Pass

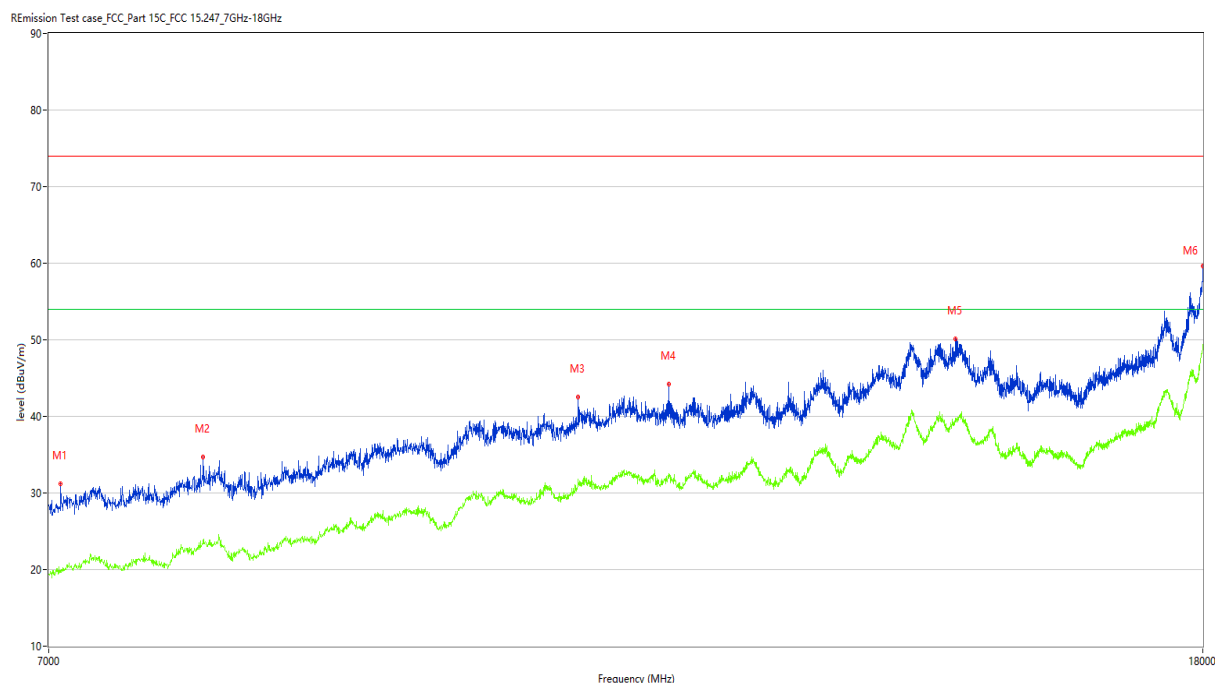
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The plots of BLE_1Mbps_2480 Channel, Horizontal polarization_7GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7000.000	28.42	-0.45	74.0	-45.58	Peak	260.80	100	Horizontal	Pass
1**	7000.000	19.45	-0.45	54.0	-34.55	AV	260.80	100	Horizontal	Pass
2	7943.250	34.64	3.31	74.0	-39.36	Peak	224.40	100	Horizontal	Pass
2**	7943.250	23.70	3.31	54.0	-30.30	AV	224.40	100	Horizontal	Pass
3	10797.750	42.51	10.44	74.0	-31.49	Peak	347.60	100	Horizontal	Pass
3**	10797.750	31.24	10.44	54.0	-22.76	AV	347.60	100	Horizontal	Pass
4	11625.500	44.16	11.11	74.0	-29.84	Peak	317.90	100	Horizontal	Pass
4**	11625.500	32.54	11.11	54.0	-21.46	AV	317.90	100	Horizontal	Pass
5	14697.250	50.17	18.08	74.0	-23.83	Peak	107.80	100	Horizontal	Pass
5**	14697.250	39.33	18.08	54.0	-14.67	AV	107.80	100	Horizontal	Pass
6	17997.251	59.64	27.75	74.0	-14.36	Peak	360.00	100	Horizontal	Pass
6**	17997.251	49.00	27.75	54.0	-5.00	AV	360.00	100	Horizontal	Pass

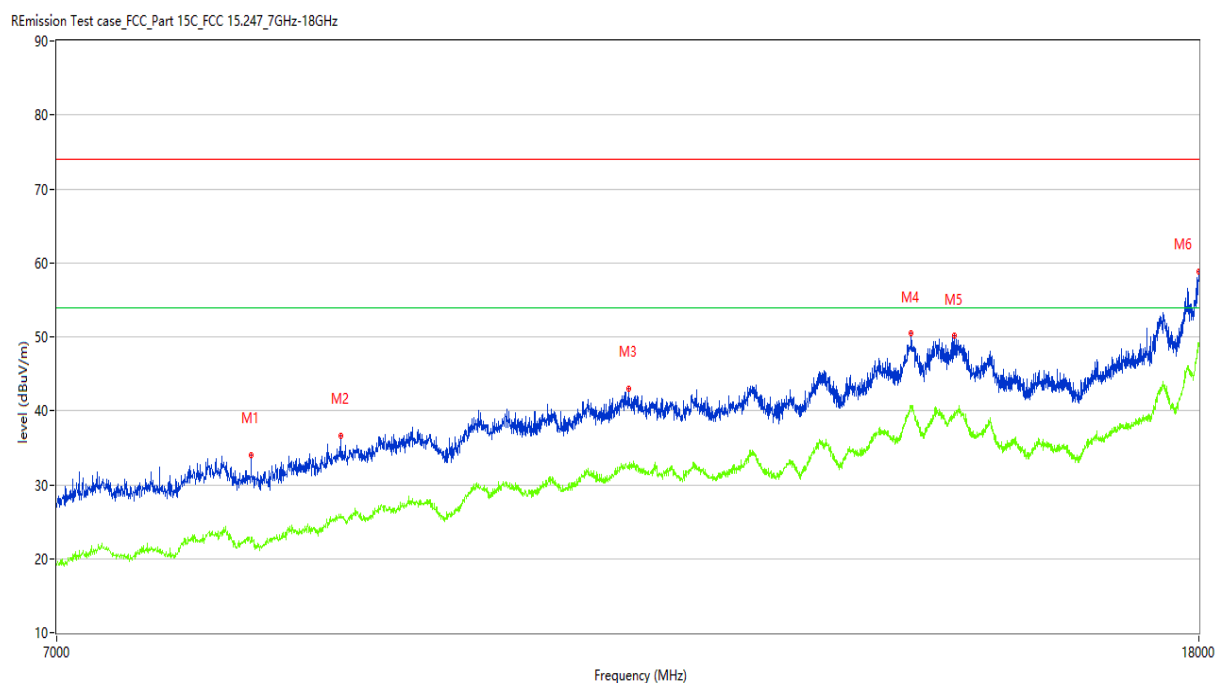
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The plots of BLE_1Mbps_2480 Channel, Vertical polarization_7GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	8221.000	34.01	3.68	74.0	-39.99	Peak	253.10	100	Vertical	Pass
1**	8221.000	22.82	3.68	54.0	-31.18	AV	253.10	100	Vertical	Pass
2	8850.750	36.66	5.29	74.0	-37.34	Peak	217.40	100	Vertical	Pass
2**	8850.750	26.01	5.29	54.0	-27.99	AV	217.40	100	Vertical	Pass
3	11232.250	42.98	11.66	74.0	-31.02	Peak	178.30	100	Vertical	Pass
3**	11232.250	32.28	11.66	54.0	-21.72	AV	178.30	100	Vertical	Pass
4	14185.750	50.42	19.69	74.0	-23.58	Peak	0.00	100	Vertical	Pass
4**	14185.750	40.46	19.69	54.0	-13.54	AV	0.00	100	Vertical	Pass
5	14711.000	50.09	18.25	74.0	-23.91	Peak	133.30	100	Vertical	Pass
5**	14711.000	39.84	18.25	54.0	-14.16	AV	133.30	100	Vertical	Pass
6	17997.251	58.79	27.75	74.0	-15.21	Peak	207.70	100	Vertical	Pass
6**	17997.251	49.17	27.75	54.0	-4.83	AV	207.70	100	Vertical	Pass

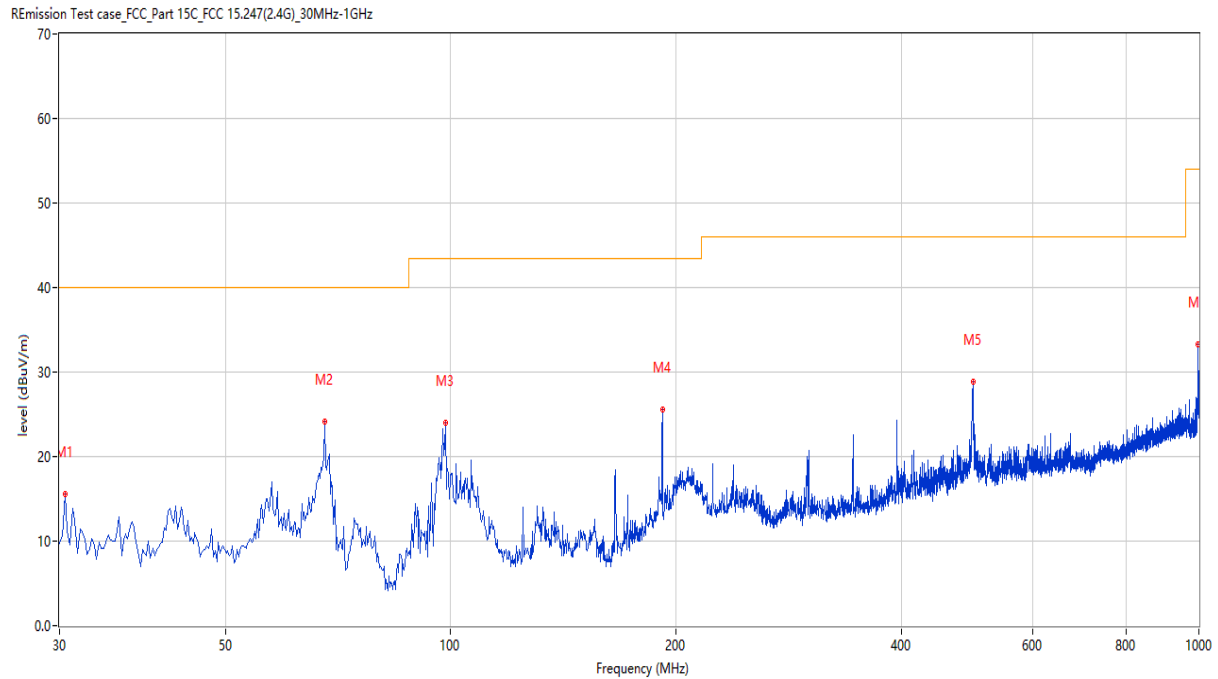
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Figure 13: The plots of BLE_2Mbps_2402 Channel, Horizontal polarization_30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	30.000	9.78	-29.82	40.0	-30.22	Peak	330.20	100	Horizontal	Pass
2	67.821	24.08	-28.58	40.0	-15.92	Peak	251.30	100	Horizontal	Pass
3	98.368	24.03	-26.77	43.5	-19.47	Peak	138.80	100	Horizontal	Pass
4	191.950	25.62	-26.70	43.5	-17.88	Peak	40.30	200	Horizontal	Pass
5	499.363	28.91	-18.61	46.0	-17.09	Peak	291.20	200	Horizontal	Pass
6	997.818	33.29	-8.34	54.0	-20.71	Peak	356.20	100	Horizontal	Pass

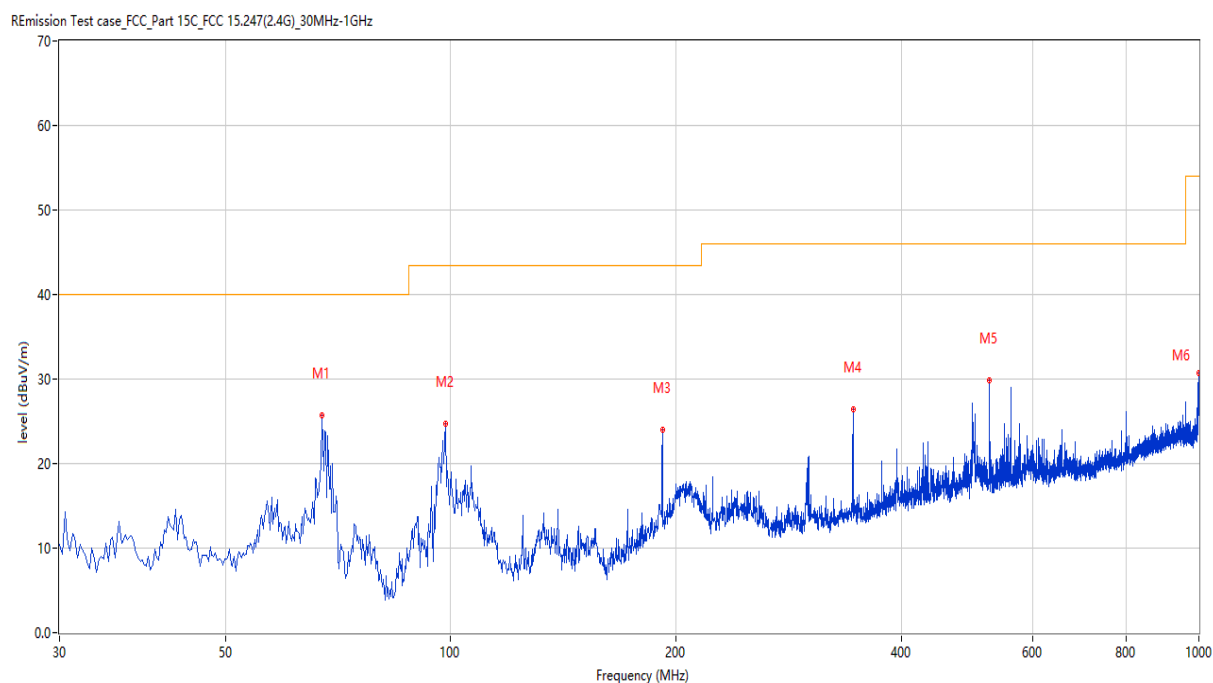
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The plots of BLE_2Mbps_2402 Channel, Vertical polarization_30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	67.336	25.68	-28.42	40.0	-14.32	Peak	248.20	100	Vertical	Pass
2	98.368	24.70	-26.77	43.5	-18.80	Peak	225.10	100	Vertical	Pass
3	191.950	24.01	-26.70	43.5	-19.49	Peak	15.60	150	Vertical	Pass
4	344.929	26.41	-21.82	46.0	-19.59	Peak	355.30	200	Vertical	Pass
5	524.819	29.90	-17.96	46.0	-16.10	Peak	60.60	200	Vertical	Pass
6	998.788	30.77	-8.34	54.0	-23.23	Peak	359.50	100	Vertical	Pass

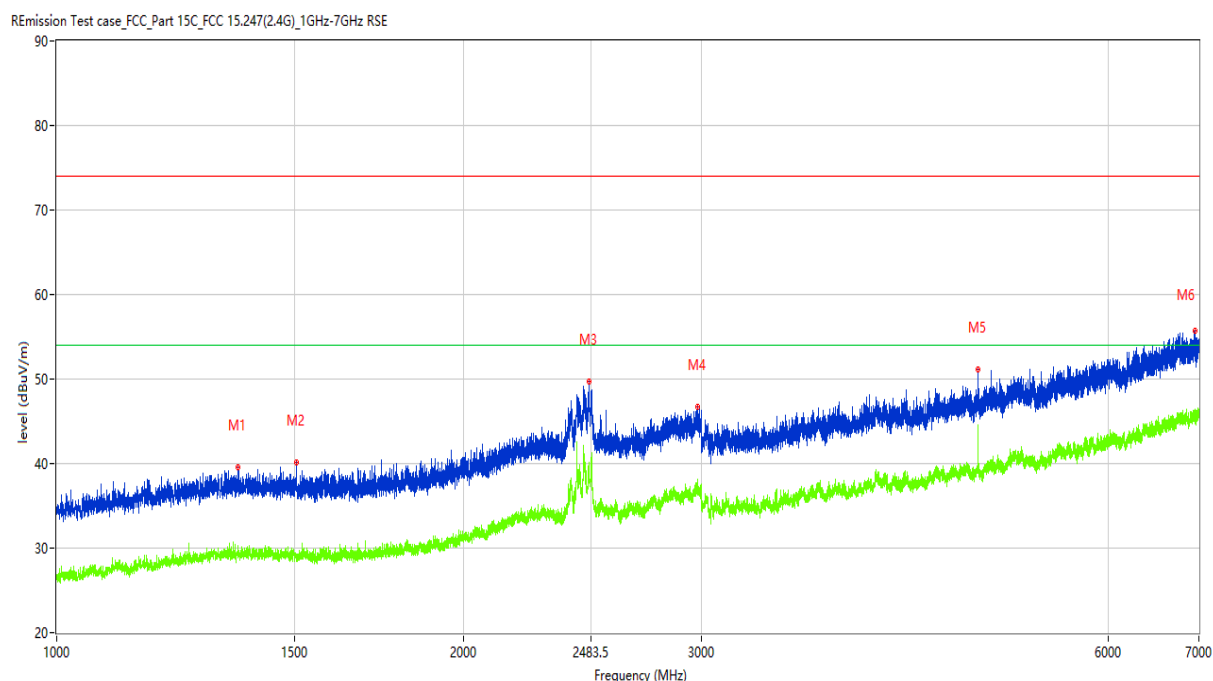
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The plots of BLE_2Mbps_2402 Channel, Horizontal polarization_1GHz-7GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1362.250	39.58	-12.61	74.0	-34.42	Peak	288.00	100	Horizontal	Pass
1**	1362.250	29.35	-12.61	54.0	-24.65	AV	288.00	100	Horizontal	Pass
2	1505.250	40.16	-13.11	74.0	-33.84	Peak	81.80	100	Horizontal	Pass
2**	1505.250	29.26	-13.11	54.0	-24.74	AV	81.80	100	Horizontal	Pass
3	2476.500	49.78	-2.10	74.0	-24.22	Peak	280.20	100	Horizontal	Pass
3**	2476.500	40.00	-2.10	54.0	-14.00	AV	280.20	100	Horizontal	Pass
4	2980.000	46.66	-3.21	74.0	-27.34	Peak	73.30	100	Horizontal	Pass
4**	2980.000	37.33	-3.21	54.0	-16.67	AV	73.30	100	Horizontal	Pass
5	4805.000	51.11	-0.55	74.0	-22.89	Peak	184.10	100	Horizontal	Pass
5**	4805.000	44.32	-0.55	54.0	-9.68	AV	184.10	100	Horizontal	Pass
6	6954.000	55.74	5.20	74.0	-18.26	Peak	257.00	100	Horizontal	Pass
6**	6954.000	46.37	5.20	54.0	-7.63	AV	257.00	100	Horizontal	Pass

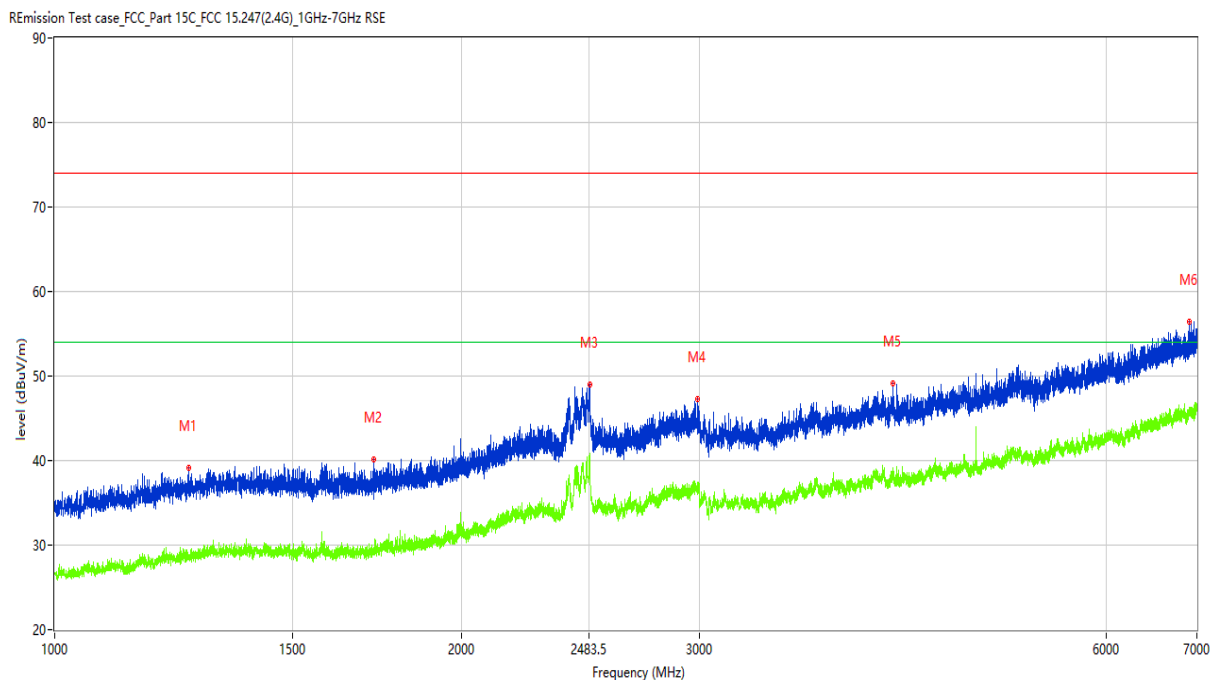
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The plots of BLE_2Mbps_2402 Channel, Vertical polarization_1GHz-7GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1255.750	39.21	-13.23	74.0	-34.79	Peak	198.70	100	Vertical	Pass
1**	1255.750	28.84	-13.23	54.0	-25.16	AV	198.70	100	Vertical	Pass
2	1722.500	40.21	-12.55	74.0	-33.79	Peak	300.60	100	Vertical	Pass
2**	1722.500	29.67	-12.55	54.0	-24.33	AV	300.60	100	Vertical	Pass
3	2488.250	49.03	-1.88	74.0	-24.97	Peak	0.00	100	Vertical	Pass
3**	2488.250	40.56	-1.88	54.0	-13.44	AV	0.00	100	Vertical	Pass
4	2988.000	47.26	-3.11	74.0	-26.74	Peak	207.60	100	Vertical	Pass
4**	2988.000	36.51	-3.11	54.0	-17.49	AV	207.60	100	Vertical	Pass
5	4171.000	49.11	-1.44	74.0	-24.89	Peak	89.10	100	Vertical	Pass
5**	4171.000	38.86	-1.44	54.0	-15.14	AV	89.10	100	Vertical	Pass
6	6916.000	56.47	5.07	74.0	-17.53	Peak	309.80	100	Vertical	Pass
6**	6916.000	46.05	5.07	54.0	-7.95	AV	309.80	100	Vertical	Pass

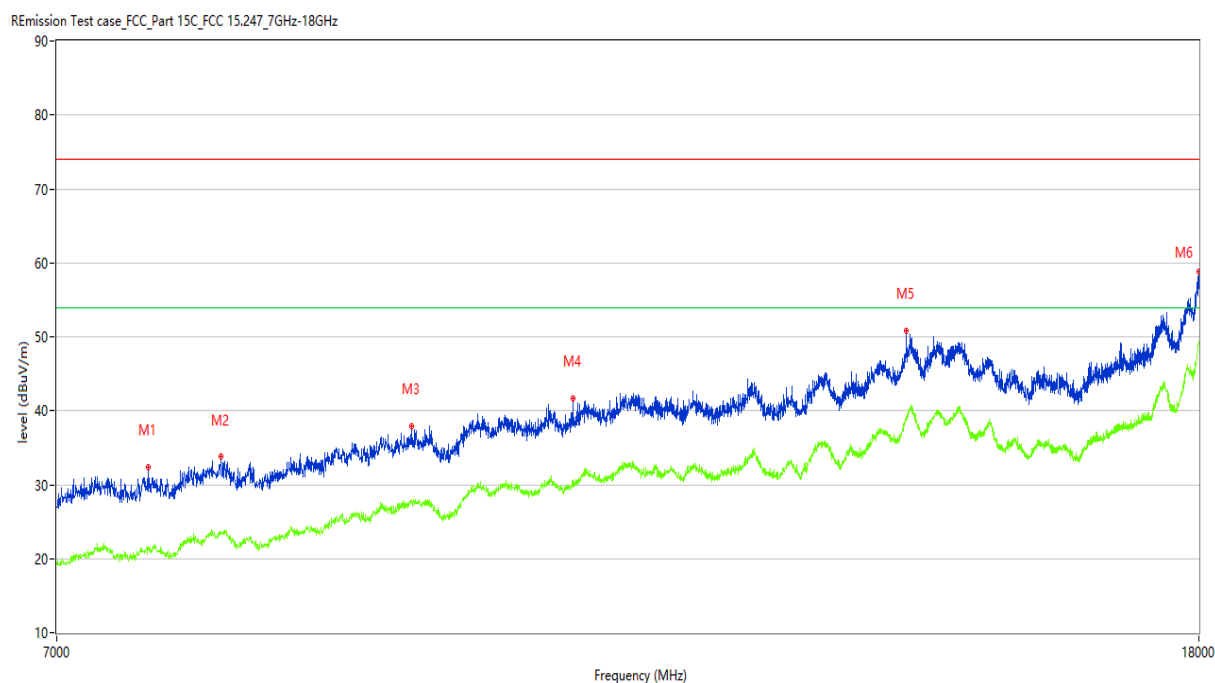
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The plots of BLE_2Mbps_2402 Channel, Horizontal polarization_7GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7550.000	32.42	2.06	74.0	-41.58	Peak	253.90	100	Horizontal	Pass
1**	7550.000	21.58	2.06	54.0	-32.42	AV	253.90	100	Horizontal	Pass
2	8017.500	33.80	4.13	74.0	-40.20	Peak	360.00	100	Horizontal	Pass
2**	8017.500	23.63	4.13	54.0	-30.37	AV	360.00	100	Horizontal	Pass
3	9387.000	37.94	7.66	74.0	-36.06	Peak	143.40	100	Horizontal	Pass
3**	9387.000	27.82	7.66	54.0	-26.18	AV	143.40	100	Horizontal	Pass
4	10729.000	41.68	10.15	74.0	-32.32	Peak	1.00	100	Horizontal	Pass
4**	10729.000	30.56	10.15	54.0	-23.44	AV	1.00	100	Horizontal	Pass
5	14133.500	50.85	17.98	74.0	-23.15	Peak	96.50	100	Horizontal	Pass
5**	14133.500	39.30	17.98	54.0	-14.70	AV	96.50	100	Horizontal	Pass
6	17997.251	58.78	27.75	74.0	-15.22	Peak	143.40	100	Horizontal	Pass
6**	17997.251	49.31	27.75	54.0	-4.69	AV	143.40	100	Horizontal	Pass

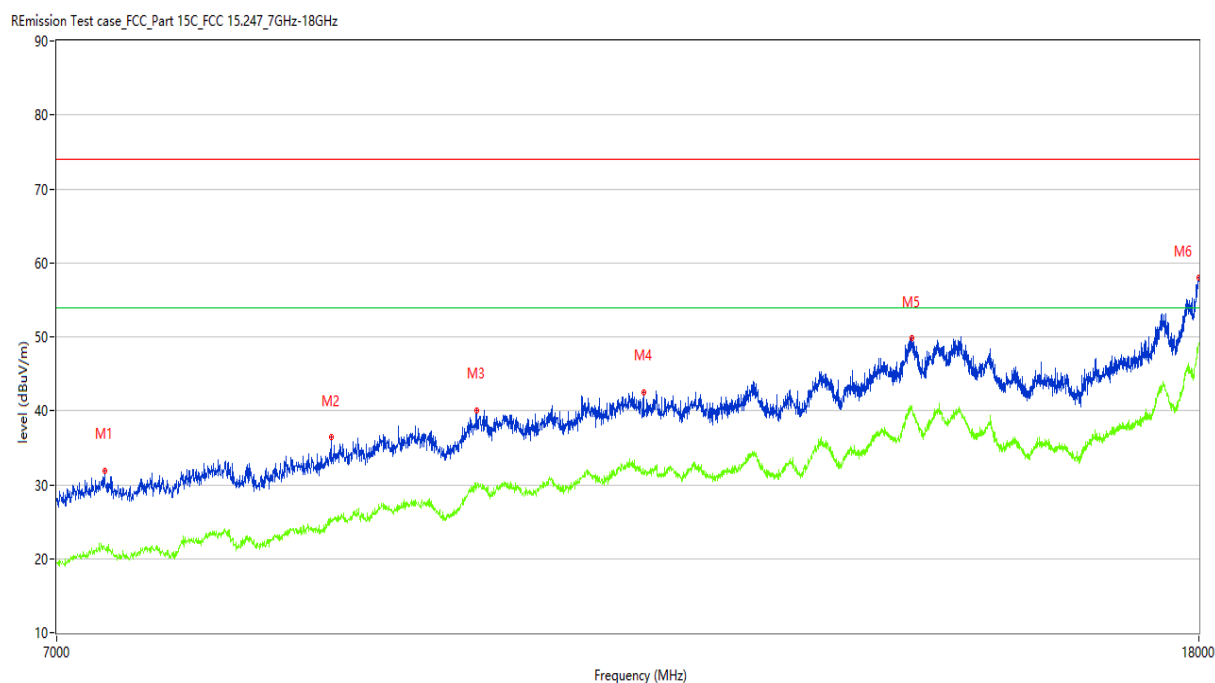
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The plots of BLE_2Mbps_2402 Channel, Vertical polarization_7GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7283.250	31.91	1.77	74.0	-42.09	Peak	297.40	100	Vertical	Pass
1**	7283.250	21.20	1.77	54.0	-32.80	AV	297.40	100	Vertical	Pass
2	8782.000	36.37	4.91	74.0	-37.63	Peak	30.90	100	Vertical	Pass
2**	8782.000	25.00	4.91	54.0	-29.00	AV	30.90	100	Vertical	Pass
3	9909.500	40.02	9.84	74.0	-33.98	Peak	30.90	100	Vertical	Pass
3**	9909.500	29.54	9.84	54.0	-24.46	AV	30.90	100	Vertical	Pass
4	11372.500	42.44	11.79	74.0	-31.56	Peak	241.20	100	Vertical	Pass
4**	11372.500	31.40	11.79	54.0	-22.60	AV	241.20	100	Vertical	Pass
5	14196.750	49.77	19.57	74.0	-24.23	Peak	241.20	100	Vertical	Pass
5**	14196.750	40.76	19.57	54.0	-13.24	AV	241.20	100	Vertical	Pass
6	17994.500	57.92	27.58	74.0	-16.08	Peak	49.50	100	Vertical	Pass
6**	17994.500	48.99	27.58	54.0	-5.01	AV	49.50	100	Vertical	Pass

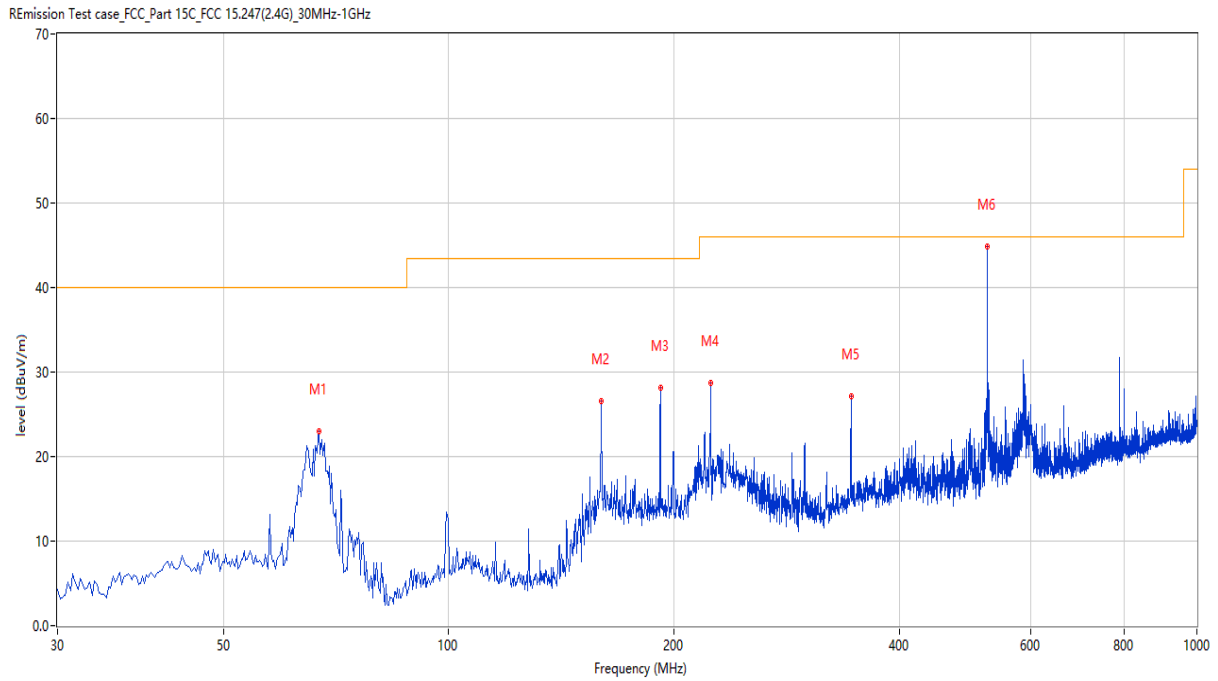
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Figure 14: The plots of BLE_2Mbps_2440 Channel, Horizontal polarization_30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	67.093	22.99	-28.33	40.0	-17.01	Peak	136.30	100	Horizontal	Pass
2	159.948	26.59	-29.46	43.5	-16.91	Peak	314.30	150	Horizontal	Pass
3	191.950	28.17	-26.70	43.5	-15.33	Peak	312.90	100	Horizontal	Pass
4	223.952	28.73	-26.21	46.0	-17.27	Peak	17.50	150	Horizontal	Pass
5	344.929	27.13	-21.82	46.0	-18.87	Peak	1.00	100	Horizontal	Pass
6	524.819	44.91	-17.96	46.0	-1.09	Peak	314.30	150	Horizontal	Pass

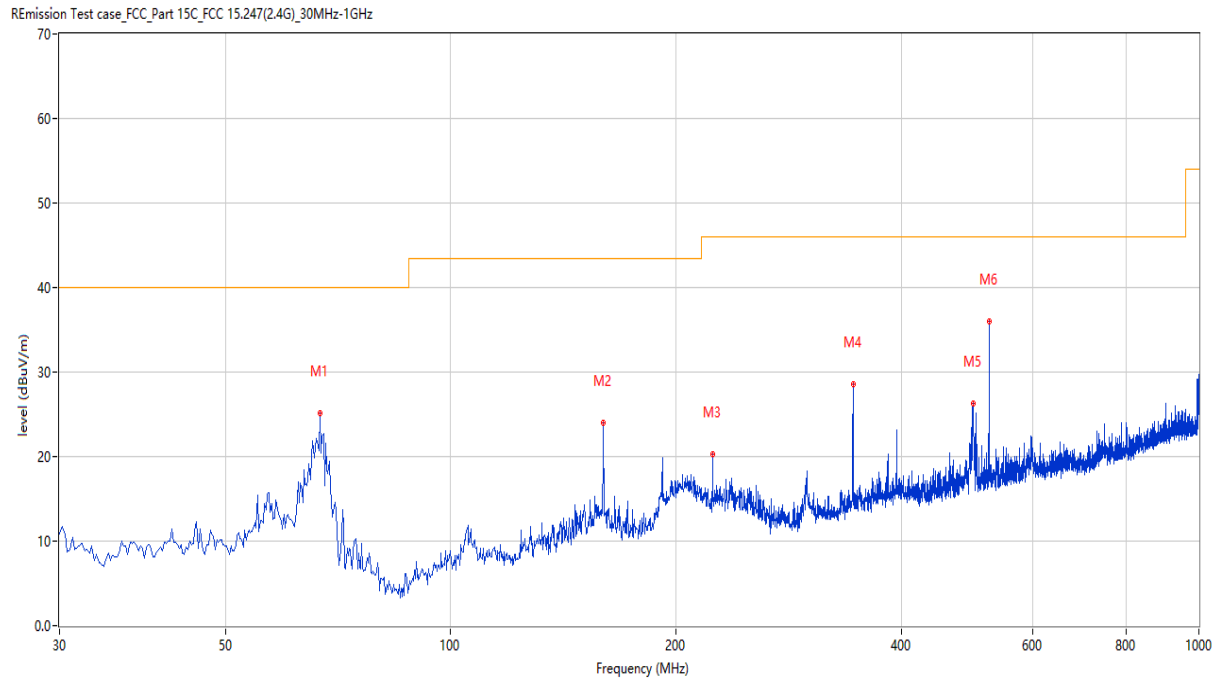
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The plots of BLE_2Mbps_2440 Channel, Vertical polarization_30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	66.851	25.13	-28.25	40.0	-14.87	Peak	239.00	100	Vertical	Pass
2	159.948	24.03	-29.46	43.5	-19.47	Peak	285.10	100	Vertical	Pass
3	223.952	20.34	-26.21	46.0	-25.66	Peak	220.70	200	Vertical	Pass
4	344.929	28.55	-21.82	46.0	-17.45	Peak	0.20	200	Vertical	Pass
5	498.878	26.22	-18.63	46.0	-19.78	Peak	317.90	100	Vertical	Pass
6	524.819	36.03	-17.96	46.0	-9.97	Peak	100.40	200	Vertical	Pass

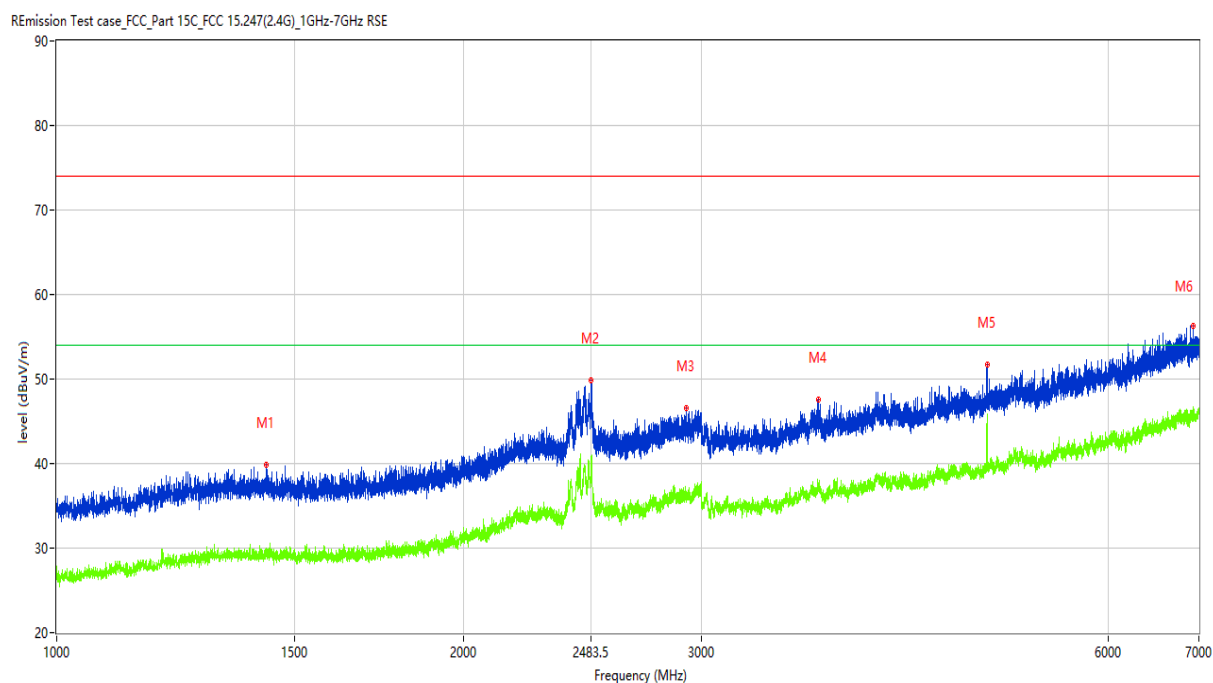
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The plots of BLE_2Mbps_2440 Channel, Horizontal polarization_1GHz-7GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1429.250	39.80	-12.62	74.0	-34.20	Peak	127.30	100	Horizontal	Pass
1**	1429.250	29.04	-12.62	54.0	-24.96	AV	127.30	100	Horizontal	Pass
2	2486.250	49.85	-1.91	74.0	-24.15	Peak	274.40	100	Horizontal	Pass
2**	2486.250	40.83	-1.91	54.0	-13.17	AV	274.40	100	Horizontal	Pass
3	2923.500	46.54	-4.20	74.0	-27.46	Peak	36.50	100	Horizontal	Pass
3**	2923.500	36.46	-4.20	54.0	-17.54	AV	36.50	100	Horizontal	Pass
4	3664.000	47.62	-1.68	74.0	-26.38	Peak	270.80	100	Horizontal	Pass
4**	3664.000	37.44	-1.68	54.0	-16.56	AV	270.80	100	Horizontal	Pass
5	4879.000	51.77	0.06	74.0	-22.23	Peak	167.00	100	Horizontal	Pass
5**	4879.000	45.79	0.06	54.0	-8.21	AV	167.00	100	Horizontal	Pass
6	6938.000	56.28	5.13	74.0	-17.72	Peak	288.30	100	Horizontal	Pass
6**	6938.000	46.71	5.13	54.0	-7.29	AV	288.30	100	Horizontal	Pass

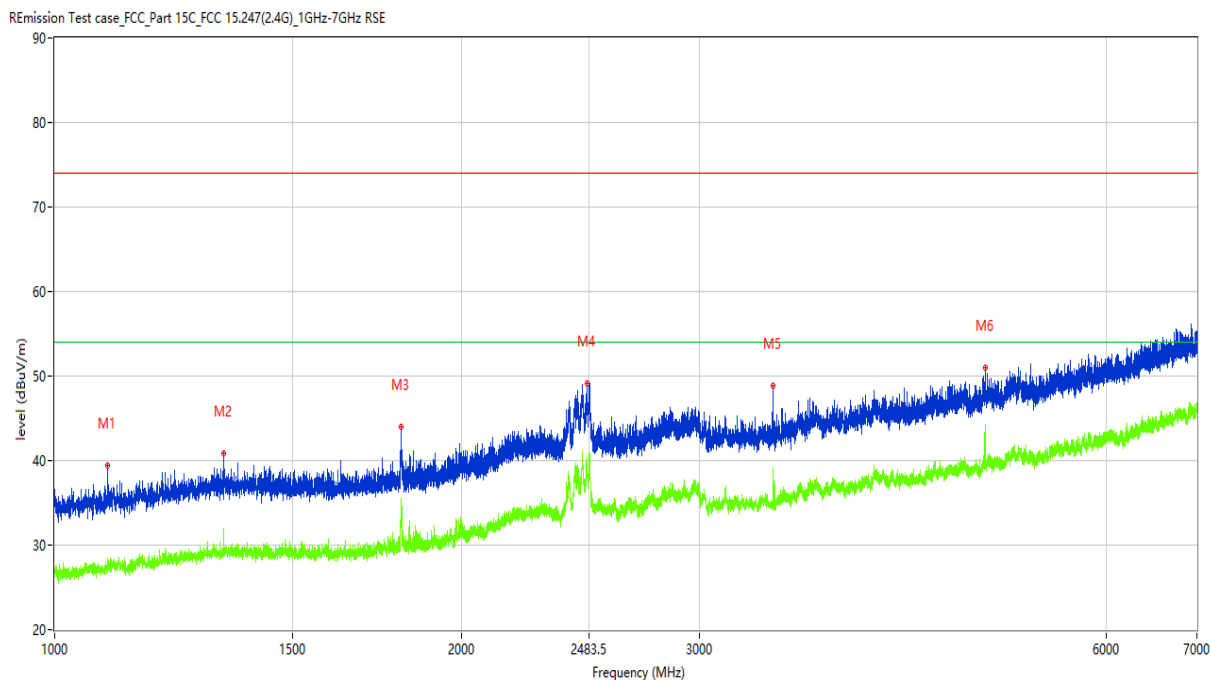
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The plots of BLE_2Mbps_2440 Channel, Vertical polarization_1GHz-7GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1095.000	39.47	-14.22	74.0	-34.53	Peak	77.50	100	Vertical	Pass
1**	1095.000	28.27	-14.22	54.0	-25.73	AV	77.50	100	Vertical	Pass
2	1333.000	40.87	-12.88	74.0	-33.13	Peak	21.30	100	Vertical	Pass
2**	1333.000	31.95	-12.88	54.0	-22.05	AV	21.30	100	Vertical	Pass
3	1803.000	44.06	-12.49	74.0	-29.94	Peak	1.00	100	Vertical	Pass
3**	1803.000	35.16	-12.49	54.0	-18.84	AV	1.00	100	Vertical	Pass
4	2477.000	49.17	-2.08	74.0	-24.83	Peak	105.00	100	Vertical	Pass
4**	2477.000	39.39	-2.08	54.0	-14.61	AV	105.00	100	Vertical	Pass
5	3402.000	48.80	-4.64	74.0	-25.20	Peak	360.00	100	Vertical	Pass
5**	3402.000	38.68	-4.64	54.0	-15.32	AV	360.00	100	Vertical	Pass
6	4881.000	51.01	0.06	74.0	-22.99	Peak	360.00	100	Vertical	Pass
6**	4881.000	43.71	0.06	54.0	-10.29	AV	360.00	100	Vertical	Pass

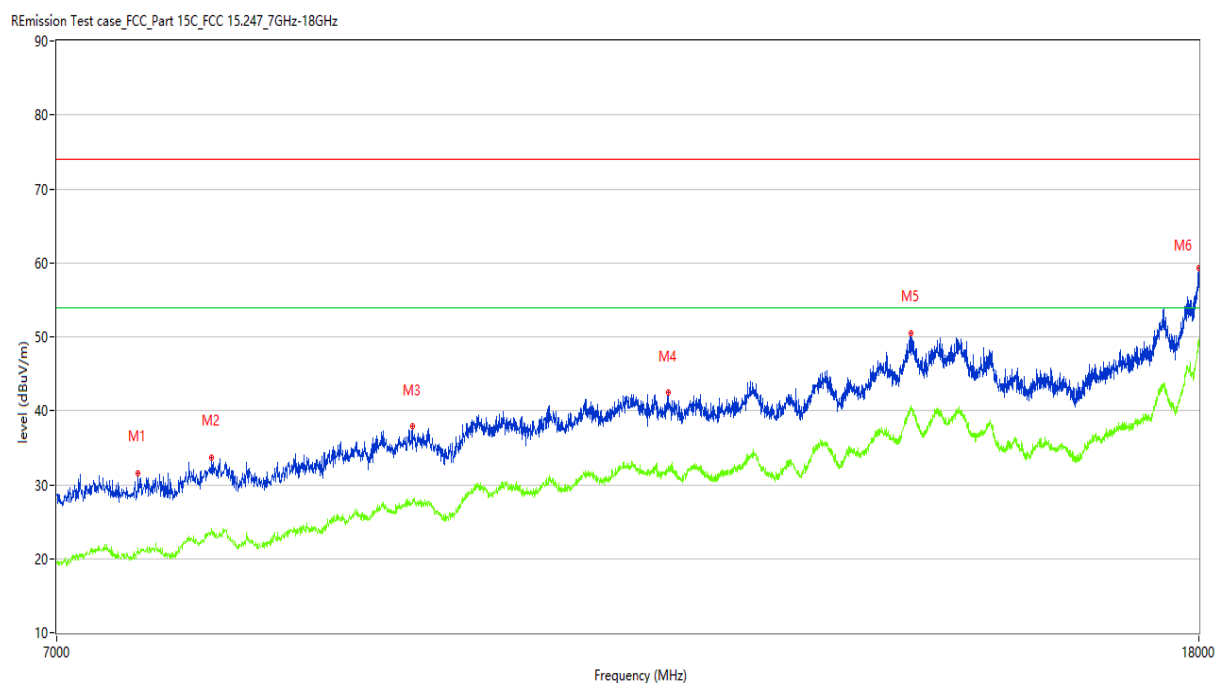
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The plots of BLE_2Mbps_2440 Channel, Horizontal polarization_7GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7486.750	31.48	2.20	74.0	-42.52	Peak	358.70	100	Horizontal	Pass
1**	7486.750	21.48	2.20	54.0	-32.52	AV	358.70	100	Horizontal	Pass
2	7957.000	33.68	3.43	74.0	-40.32	Peak	214.00	100	Horizontal	Pass
2**	7957.000	24.05	3.43	54.0	-29.95	AV	214.00	100	Horizontal	Pass
3	9395.250	37.86	7.66	74.0	-36.14	Peak	103.10	100	Horizontal	Pass
3**	9395.250	27.73	7.66	54.0	-26.27	AV	103.10	100	Horizontal	Pass
4	11609.000	42.46	11.20	74.0	-31.54	Peak	320.10	100	Horizontal	Pass
4**	11609.000	32.30	11.20	54.0	-21.70	AV	320.10	100	Horizontal	Pass
5	14188.500	50.54	19.75	74.0	-23.46	Peak	358.70	100	Horizontal	Pass
5**	14188.500	40.51	19.75	54.0	-13.49	AV	358.70	100	Horizontal	Pass
6	17997.251	59.30	27.75	74.0	-14.70	Peak	320.10	100	Horizontal	Pass
6**	17997.251	49.74	27.75	54.0	-4.26	AV	320.10	100	Horizontal	Pass

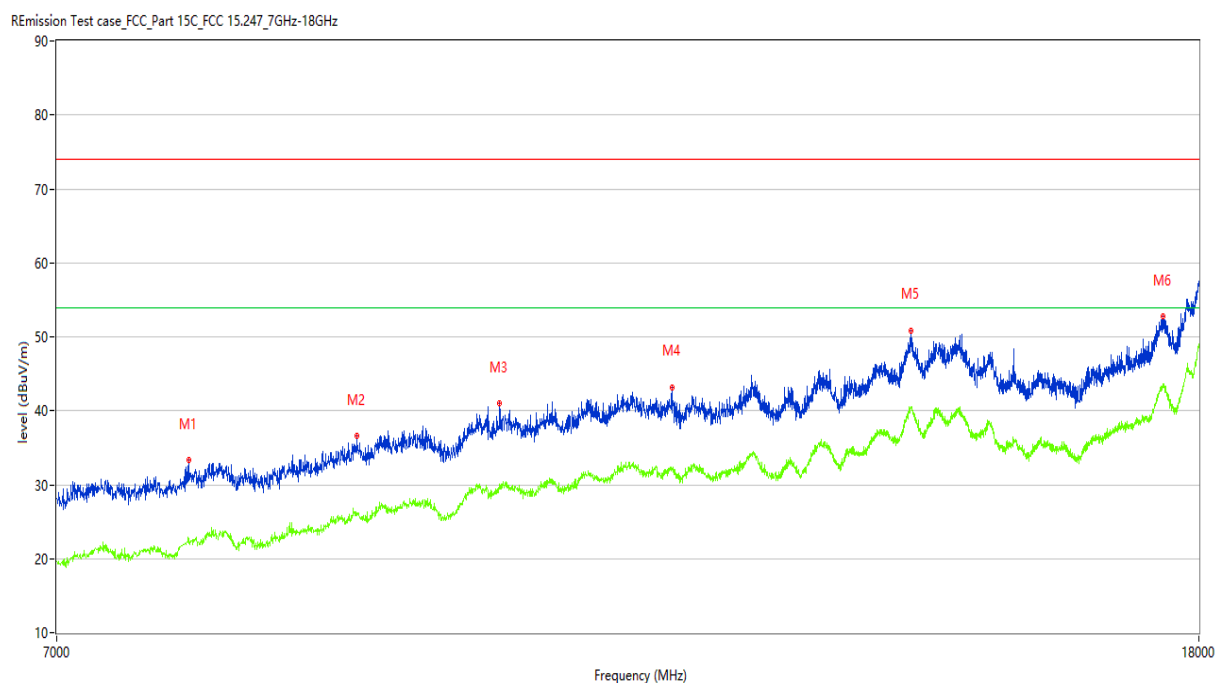
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The plots of BLE_2Mbps_2440 Channel, Vertical polarization_7GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7805.750	33.30	2.77	74.0	-40.70	Peak	215.20	100	Vertical	Pass
1**	7805.750	22.54	2.77	54.0	-31.46	AV	215.20	100	Vertical	Pass
2	8971.750	36.57	7.87	74.0	-37.43	Peak	215.20	100	Vertical	Pass
2**	8971.750	26.17	7.87	54.0	-27.83	AV	215.20	100	Vertical	Pass
3	10096.500	40.98	9.46	74.0	-33.02	Peak	243.10	100	Vertical	Pass
3**	10096.500	29.62	9.46	54.0	-24.38	AV	243.10	100	Vertical	Pass
4	11644.750	43.22	11.16	74.0	-30.78	Peak	204.40	100	Vertical	Pass
4**	11644.750	32.14	11.16	54.0	-21.86	AV	204.40	100	Vertical	Pass
5	14183.000	50.80	19.60	74.0	-23.20	Peak	114.60	100	Vertical	Pass
5**	14183.000	40.46	19.60	54.0	-13.54	AV	114.60	100	Vertical	Pass
6	17474.750	52.70	21.34	74.0	-21.30	Peak	204.40	100	Vertical	Pass
6**	17474.750	43.07	21.34	54.0	-10.93	AV	204.40	100	Vertical	Pass

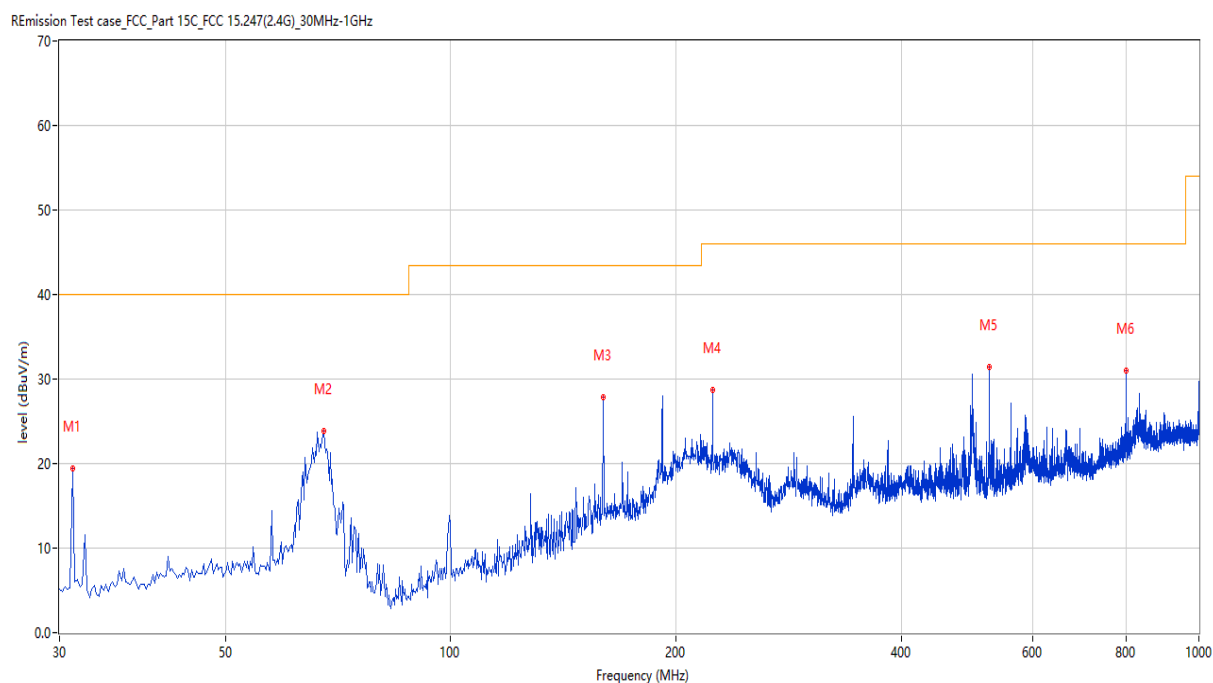
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Figure 150: The plots of BLE_2Mbps_2480 Channel, Horizontal polarization_30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	30.485	5.41	-29.66	40.0	-34.59	Peak	286.30	100	Horizontal	Pass
2	67.578	23.81	-28.50	40.0	-16.19	Peak	290.70	200	Horizontal	Pass
3	159.948	27.83	-29.46	43.5	-15.67	Peak	281.80	200	Horizontal	Pass
4	223.952	28.75	-26.21	46.0	-17.25	Peak	360.00	200	Horizontal	Pass
5	524.819	31.48	-17.96	46.0	-14.52	Peak	15.20	200	Horizontal	Pass
6	799.745	30.99	-11.98	46.0	-15.01	Peak	333.10	100	Horizontal	Pass

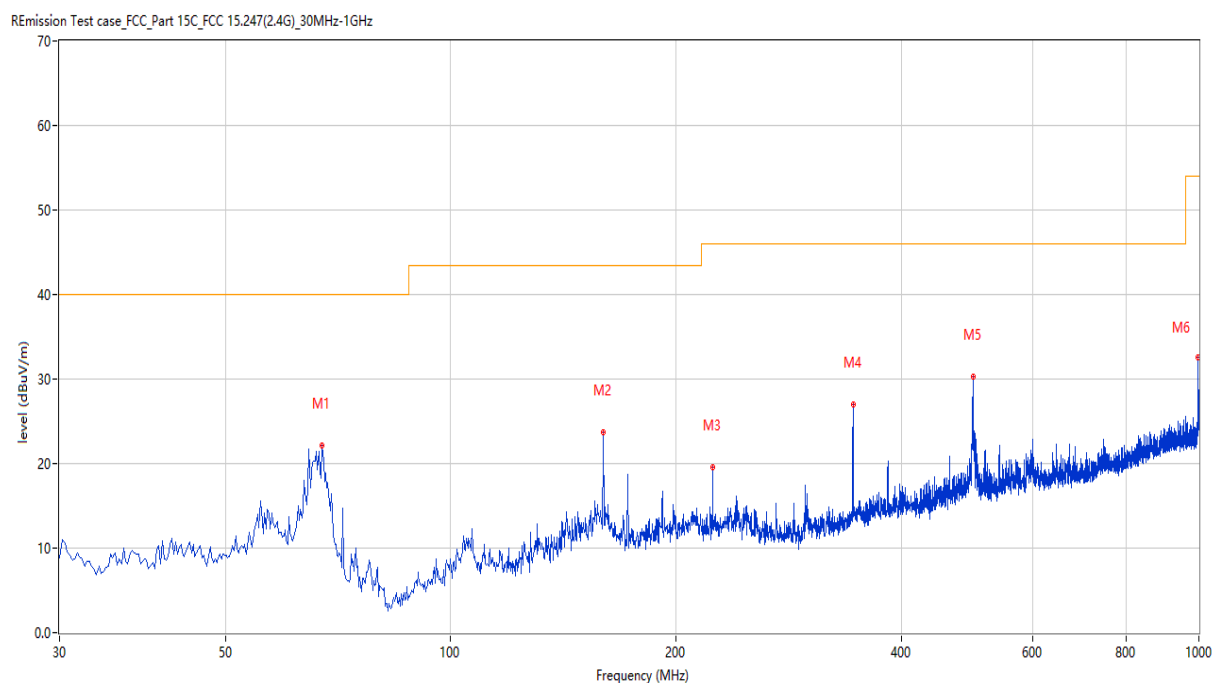
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The plots of BLE_2Mbps_2480 Channel, Vertical polarization_30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	67.336	22.12	-28.42	40.0	-17.88	Peak	250.50	100	Vertical	Pass
2	159.948	23.70	-29.46	43.5	-19.80	Peak	115.00	100	Vertical	Pass
3	223.952	19.63	-26.21	46.0	-26.37	Peak	244.20	150	Vertical	Pass
4	344.929	27.01	-21.82	46.0	-18.99	Peak	264.60	100	Vertical	Pass
5	499.363	30.30	-18.61	46.0	-15.70	Peak	360.00	150	Vertical	Pass
6	998.545	32.53	-8.34	54.0	-21.47	Peak	321.10	100	Vertical	Pass

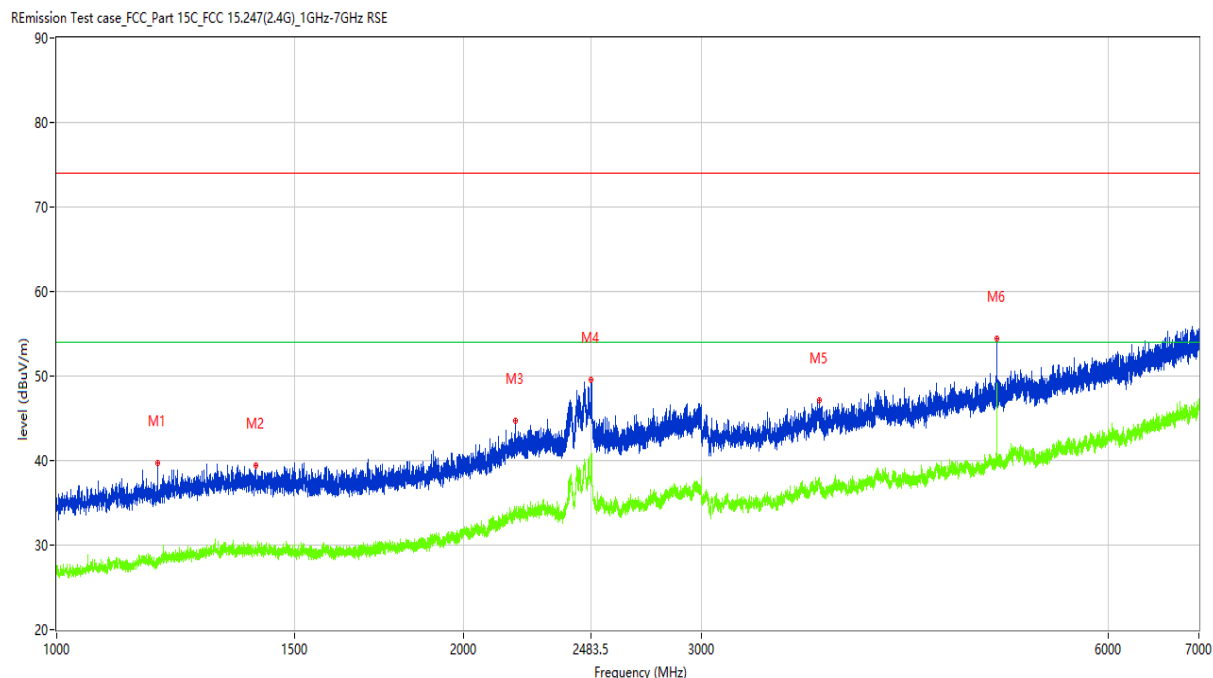
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The plots of BLE_2Mbps_2480 Channel, Horizontal polarization_1GHz-7GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1188.000	39.74	-13.58	74.0	-34.26	Peak	70.00	100	Horizontal	Pass
1**	1188.000	28.48	-13.58	54.0	-25.52	AV	70.00	100	Horizontal	Pass
2	1404.000	39.41	-12.74	74.0	-34.59	Peak	360.00	100	Horizontal	Pass
2**	1404.000	29.52	-12.74	54.0	-24.48	AV	360.00	100	Horizontal	Pass
3	2184.000	44.67	-8.12	74.0	-29.33	Peak	15.30	100	Horizontal	Pass
3**	2184.000	34.07	-8.12	54.0	-19.93	AV	15.30	100	Horizontal	Pass
4	2485.750	49.63	-1.91	74.0	-24.37	Peak	273.70	100	Horizontal	Pass
4**	2485.750	40.14	-1.91	54.0	-13.86	AV	273.70	100	Horizontal	Pass
5	3666.500	47.09	-1.73	74.0	-26.91	Peak	146.80	100	Horizontal	Pass
5**	3666.500	37.17	-1.73	54.0	-16.83	AV	146.80	100	Horizontal	Pass
6	4959.000	54.41	0.22	74.0	-19.59	Peak	291.10	100	Horizontal	Pass
6**	4959.000	48.55	0.22	54.0	-5.45	AV	291.10	100	Horizontal	Pass

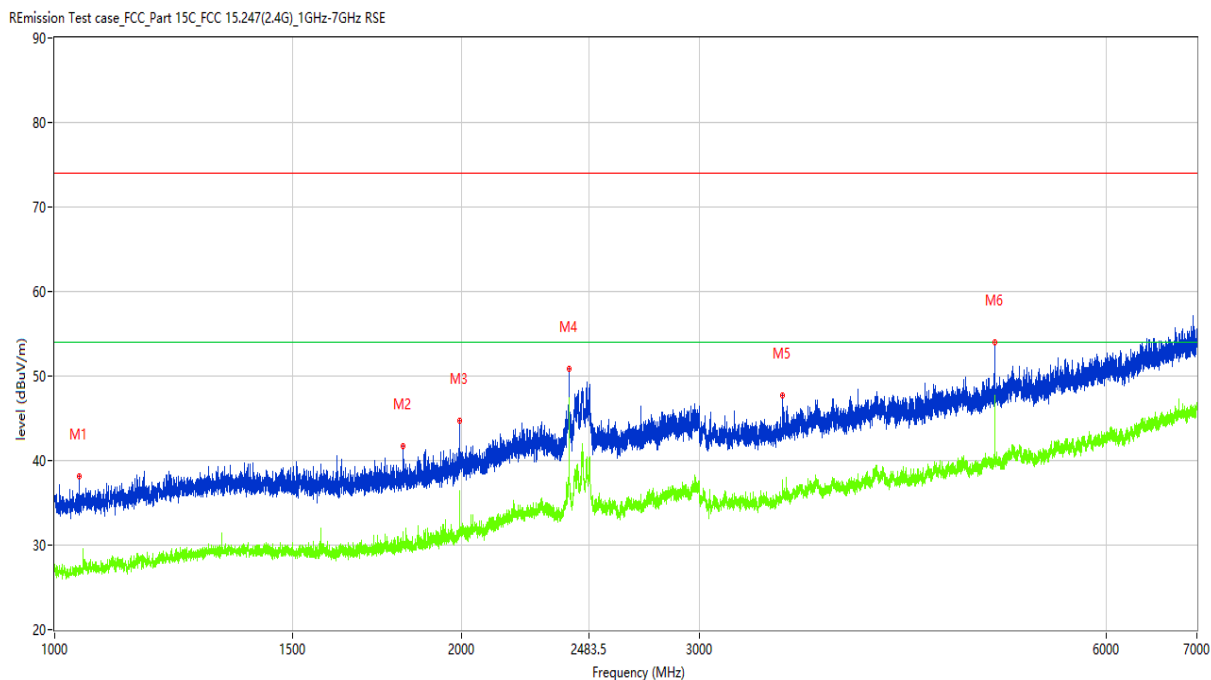
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The plots of BLE_2Mbps_2480 Channel, Vertical polarization_1GHz-7GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1042.500	38.19	-14.42	74.0	-35.81	Peak	167.90	100	Vertical	Pass
1**	1042.500	27.50	-14.42	54.0	-26.50	AV	167.90	100	Vertical	Pass
2	1810.000	41.65	-12.37	74.0	-32.35	Peak	175.70	100	Vertical	Pass
2**	1810.000	29.88	-12.37	54.0	-24.12	AV	175.70	100	Vertical	Pass
3	1993.750	44.78	-11.02	74.0	-29.22	Peak	157.90	100	Vertical	Pass
3**	1993.750	36.49	-11.02	54.0	-17.51	AV	157.90	100	Vertical	Pass
4	2402.000	50.88	-4.01	74.0	-23.12	Peak	65.20	100	Vertical	Pass
4**	2402.000	42.89	-4.01	54.0	-11.11	AV	65.20	100	Vertical	Pass
5	3457.000	47.70	-3.93	74.0	-26.30	Peak	189.20	100	Vertical	Pass
5**	3457.000	37.72	-3.93	54.0	-16.28	AV	189.20	100	Vertical	Pass
6	4959.000	54.05	0.22	74.0	-19.95	Peak	360.00	100	Vertical	Pass
6**	4959.000	46.05	0.22	54.0	-7.95	AV	360.00	100	Vertical	Pass

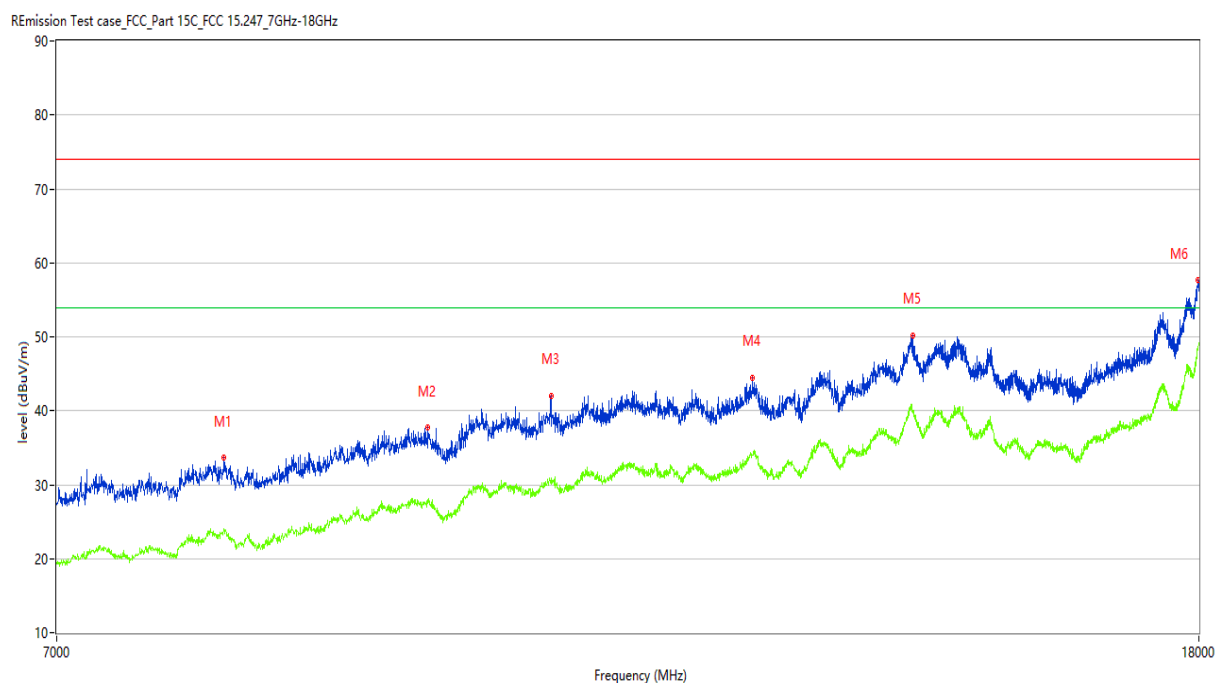
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The plots of BLE_2Mbps_2480 Channel, Horizontal polarization_7GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	8039.500	33.64	4.48	74.0	-40.36	Peak	306.30	100	Horizontal	Pass
1**	8039.500	24.08	4.48	54.0	-29.92	AV	306.30	100	Horizontal	Pass
2	9516.250	37.73	8.03	74.0	-36.27	Peak	86.40	100	Horizontal	Pass
2**	9516.250	27.73	8.03	54.0	-26.27	AV	86.40	100	Horizontal	Pass
3	10533.750	42.00	10.26	74.0	-32.00	Peak	86.40	100	Horizontal	Pass
3**	10533.750	30.95	10.26	54.0	-23.05	AV	86.40	100	Horizontal	Pass
4	12445.000	44.51	12.48	74.0	-29.49	Peak	3.80	100	Horizontal	Pass
4**	12445.000	34.06	12.48	54.0	-19.94	AV	3.80	100	Horizontal	Pass
5	14213.250	50.17	19.19	74.0	-23.83	Peak	3.80	100	Horizontal	Pass
5**	14213.250	40.09	19.19	54.0	-13.91	AV	3.80	100	Horizontal	Pass
6	17983.500	57.60	26.90	74.0	-16.40	Peak	3.80	100	Horizontal	Pass
6**	17983.500	48.23	26.90	54.0	-5.77	AV	3.80	100	Horizontal	Pass

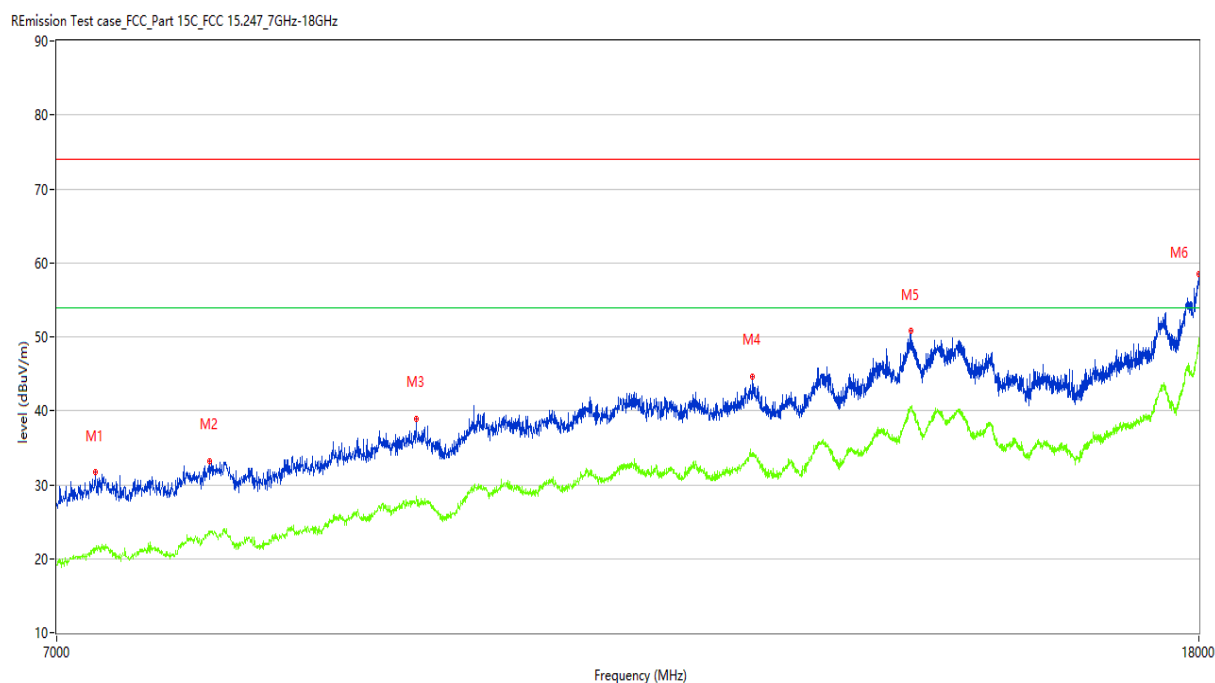
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The plots of BLE_2Mbps_2480 Channel, Vertical polarization_7GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7225.500	31.66	1.50	74.0	-42.34	Peak	179.50	100	Vertical	Pass
1**	7225.500	21.16	1.50	54.0	-32.84	AV	179.50	100	Vertical	Pass
2	7946.000	33.19	3.33	74.0	-40.81	Peak	179.50	100	Vertical	Pass
2**	7946.000	23.27	3.33	54.0	-30.73	AV	179.50	100	Vertical	Pass
3	9422.750	38.90	7.62	74.0	-35.10	Peak	233.80	100	Vertical	Pass
3**	9422.750	27.82	7.62	54.0	-26.18	AV	233.80	100	Vertical	Pass
4	12447.750	44.69	12.49	74.0	-29.31	Peak	329.40	100	Vertical	Pass
4**	12447.750	34.13	12.49	54.0	-19.87	AV	329.40	100	Vertical	Pass
5	14191.250	50.75	19.69	74.0	-23.25	Peak	1.50	100	Vertical	Pass
5**	14191.250	40.29	19.69	54.0	-13.71	AV	1.50	100	Vertical	Pass
6	17999.999	58.56	27.92	74.0	-15.44	Peak	1.50	100	Vertical	Pass
6**	17999.999	49.74	27.92	54.0	-4.26	AV	1.50	100	Vertical	Pass

Result: Pass

Note:

1. Factor=Antenna Factor + Cable loss - Amplifier gain, Over Limit= Results- Limit.
2. The "Factor" value can be calculated automatically by software of measurement system.

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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, KDB 558074
Kind of test site : 3m Semi-Anechoic Chamber

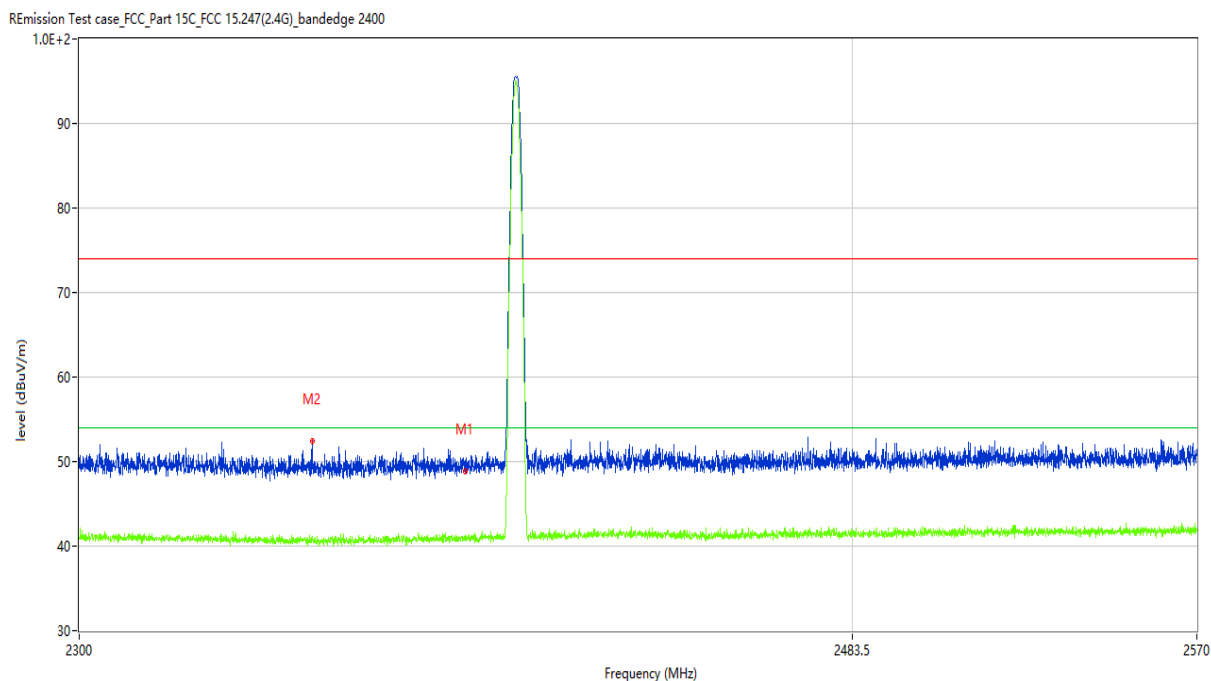
Test setup

Test Channel : Low/Middle/High
Operation Mode : A.1.a, A.1.b
Ambient temperature : 23.1°C
Relative humidity : 52%

Notes

1. 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.

Figure 161: The plots of BLE_1Mbps_2402 Channel, Horizontal polarization



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	48.80	-9.96	74.0	-25.20	Peak	340.90	100	Horizontal	Pass
1**	2390.000	40.69	-9.96	54.0	-13.31	AV	340.90	100	Horizontal	Pass
2	2353.798	52.46	-10.37	74.0	-21.54	Peak	144.40	100	Horizontal	Pass
2**	2353.798	41.16	-10.37	54.0	-12.84	AV	144.40	100	Horizontal	Pass

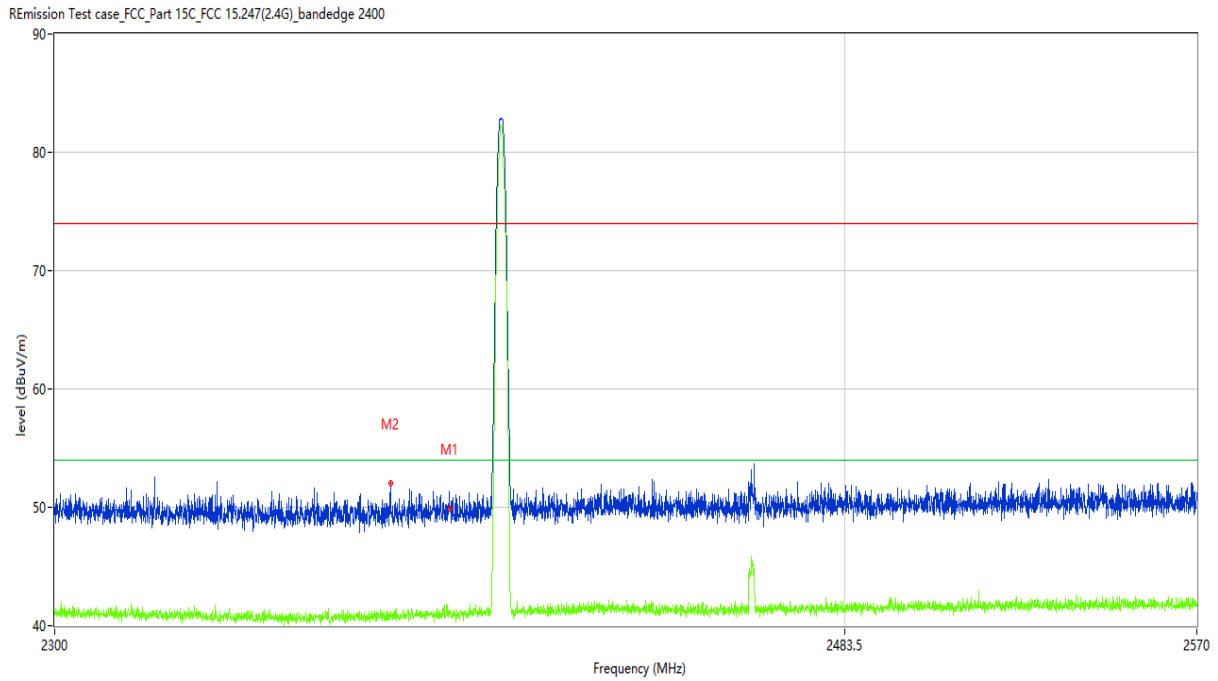
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The plots of BLE_1Mbps_2402 Channel, Vertical polarization



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	50.03	-9.96	74.0	-23.97	Peak	316.23	100	Vertical	Pass
1**	2390.000	40.96	-9.96	54.0	-13.04	AV	316.23	100	Vertical	Pass
2	2376.343	52.07	-10.19	74.0	-21.93	Peak	0.90	100	Vertical	Pass
2**	2376.343	40.72	-10.19	54.0	-13.28	AV	0.90	100	Vertical	Pass

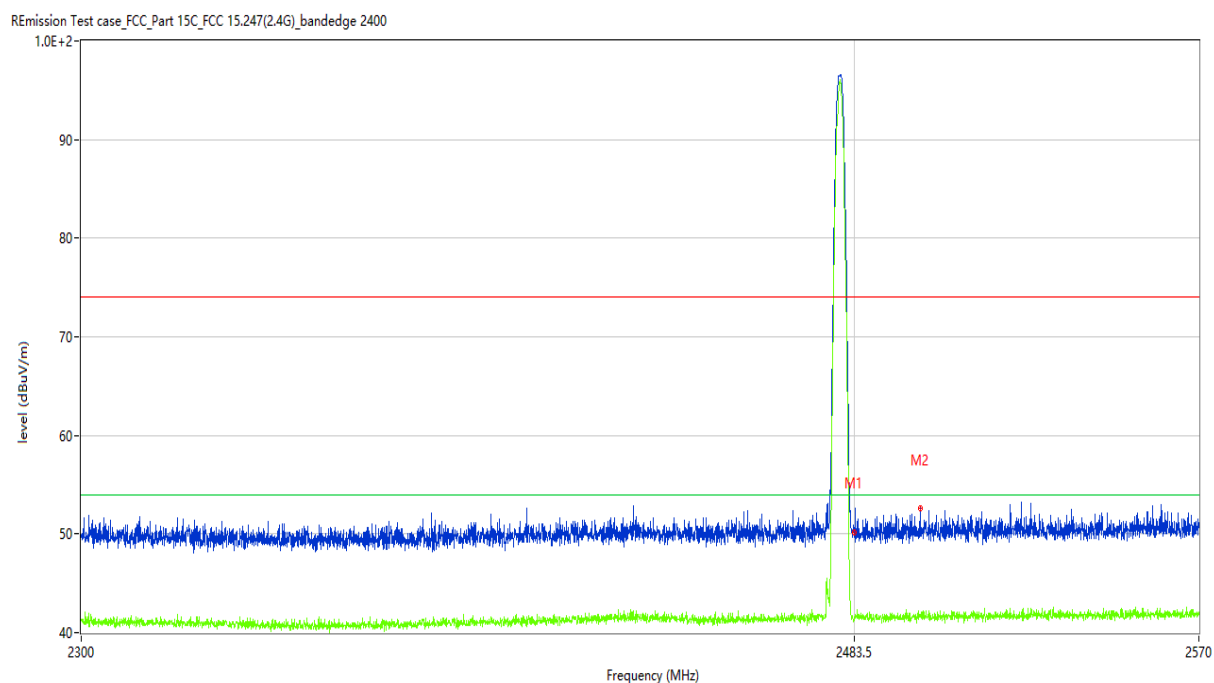
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Figure 172: The plots of BLE_1Mbps_2480 Channel, Horizontal polarization



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	50.06	-9.51	74.0	-23.94	Peak	122.10	100	Horizontal	Pass
1**	2483.500	41.56	-9.51	54.0	-12.44	AV	122.10	100	Horizontal	Pass
2	2499.867	52.55	-9.45	74.0	-21.45	Peak	360.00	100	Horizontal	Pass
2**	2499.867	41.81	-9.45	54.0	-12.19	AV	360.00	100	Horizontal	Pass

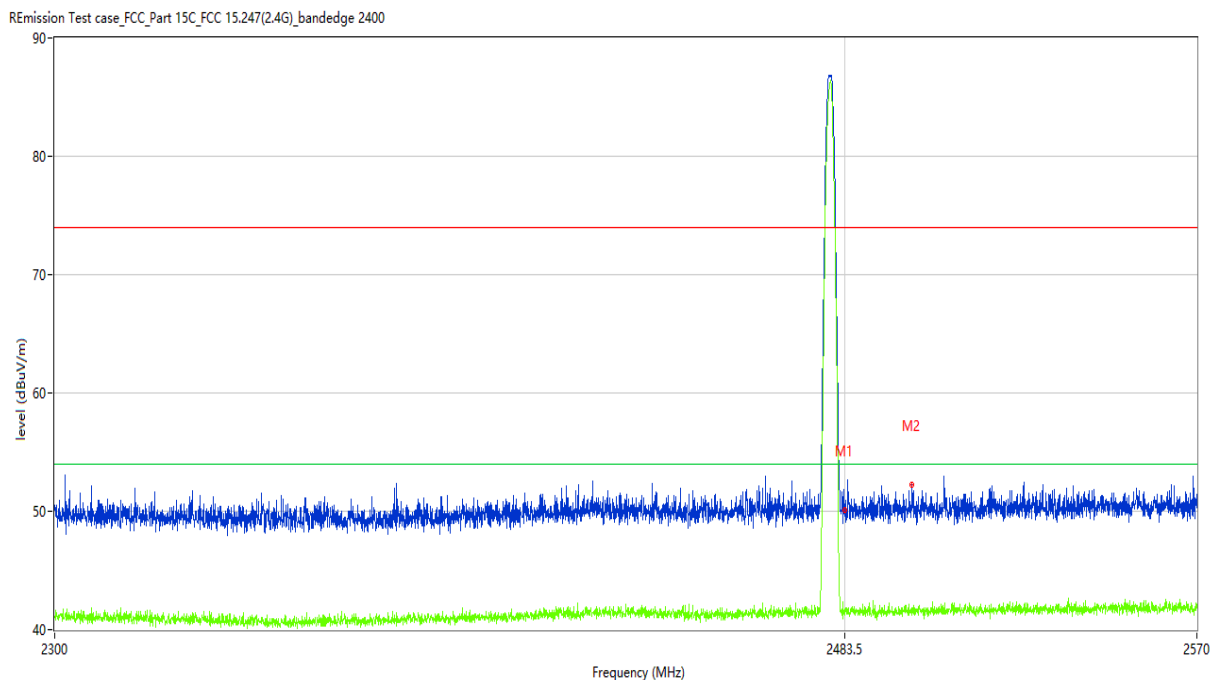
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The plots of BLE_1Mbps_2480 Channel, Vertical polarization



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	49.96	-9.51	74.0	-24.04	Peak	108.39	100	Vertical	Pass
1**	2483.500	41.46	-9.51	54.0	-12.54	AV	108.39	100	Vertical	Pass
2	2499.867	52.29	-9.45	74.0	-21.71	Peak	66.80	100	Vertical	Pass
2**	2499.867	41.39	-9.45	54.0	-12.61	AV	66.80	100	Vertical	Pass

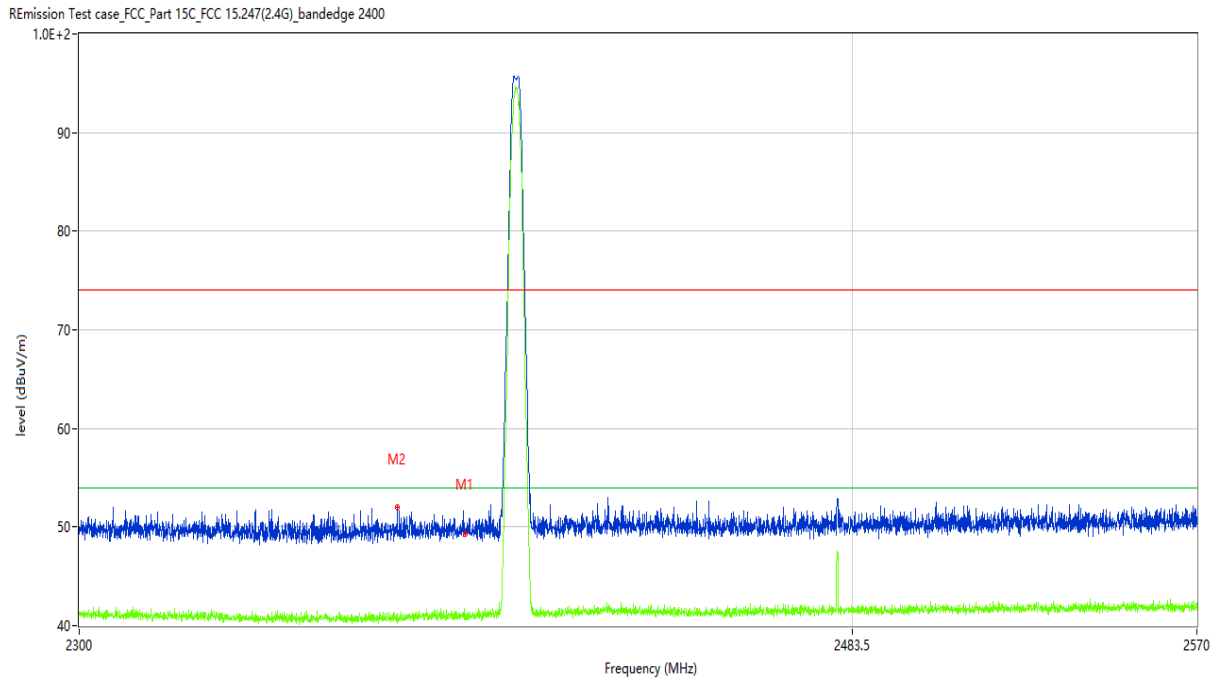
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Figure 183: The plots of BLE_2Mbps_2402 Channel, Horizontal polarization



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	49.29	-9.96	74.0	-24.71	Peak	167.74	100	Horizontal	Pass
1**	2390.000	40.64	-9.96	54.0	-13.36	AV	167.74	100	Horizontal	Pass
2	2373.845	52.05	-10.23	74.0	-21.95	Peak	161.90	100	Horizontal	Pass
2**	2373.845	40.83	-10.23	54.0	-13.17	AV	161.90	100	Horizontal	Pass

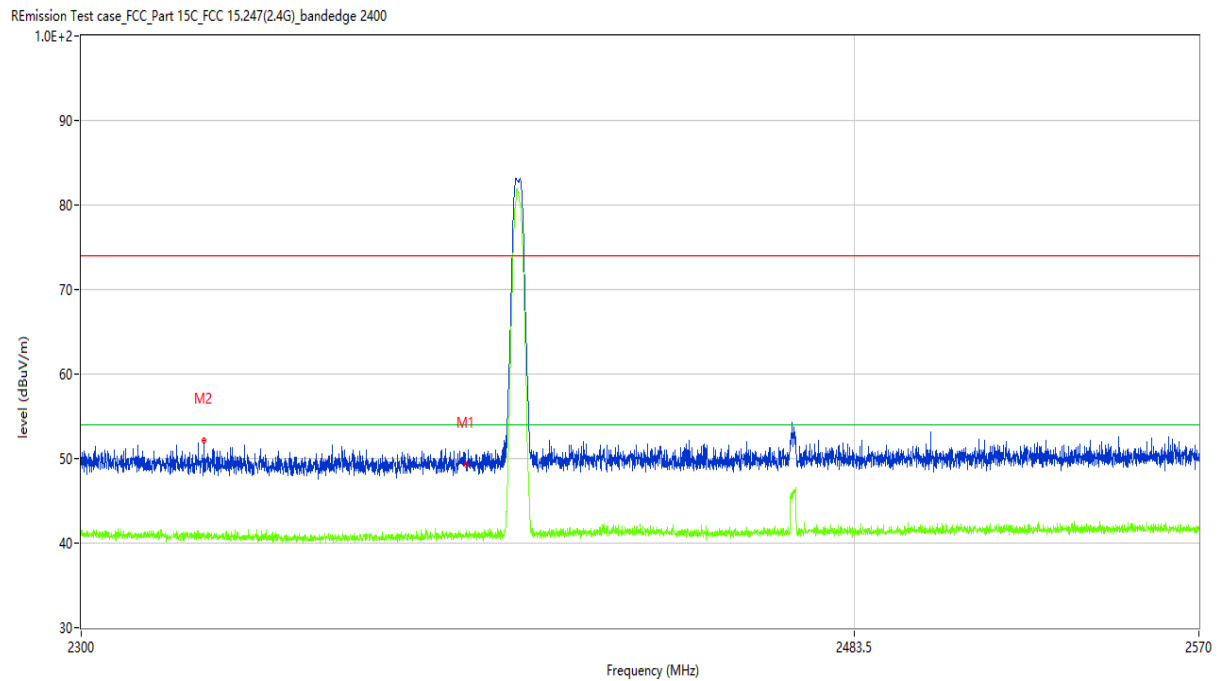
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The plots of BLE_2Mbps_2402 Channel, Vertical polarization



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	49.32	-9.96	74.0	-24.68	Peak	114.74	100	Vertical	Pass
1**	2390.000	40.71	-9.96	54.0	-13.29	AV	114.74	100	Vertical	Pass
2	2328.147	52.13	-10.20	74.0	-21.87	Peak	203.70	100	Vertical	Pass
2**	2328.147	40.83	-10.20	54.0	-13.17	AV	203.70	100	Vertical	Pass

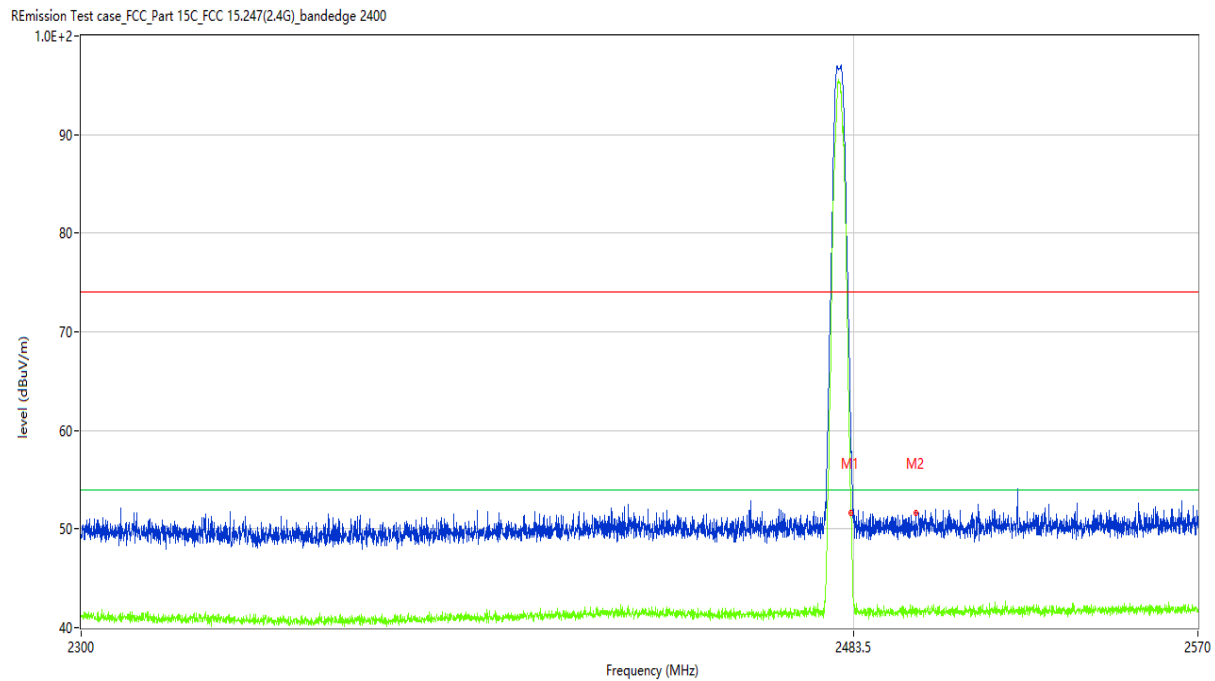
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Figure 194: The plots of BLE_2Mbps_2480 Channel, Horizontal polarization



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	51.30	-9.51	74.0	-22.70	Peak	170.86	100	Horizontal	Pass
1**	2483.500	42.42	-9.51	54.0	-11.58	AV	170.86	100	Horizontal	Pass
2	2498.855	51.62	-9.47	74.0	-22.38	Peak	358.90	100	Horizontal	Pass
2**	2498.855	41.59	-9.47	54.0	-12.41	AV	358.90	100	Horizontal	Pass

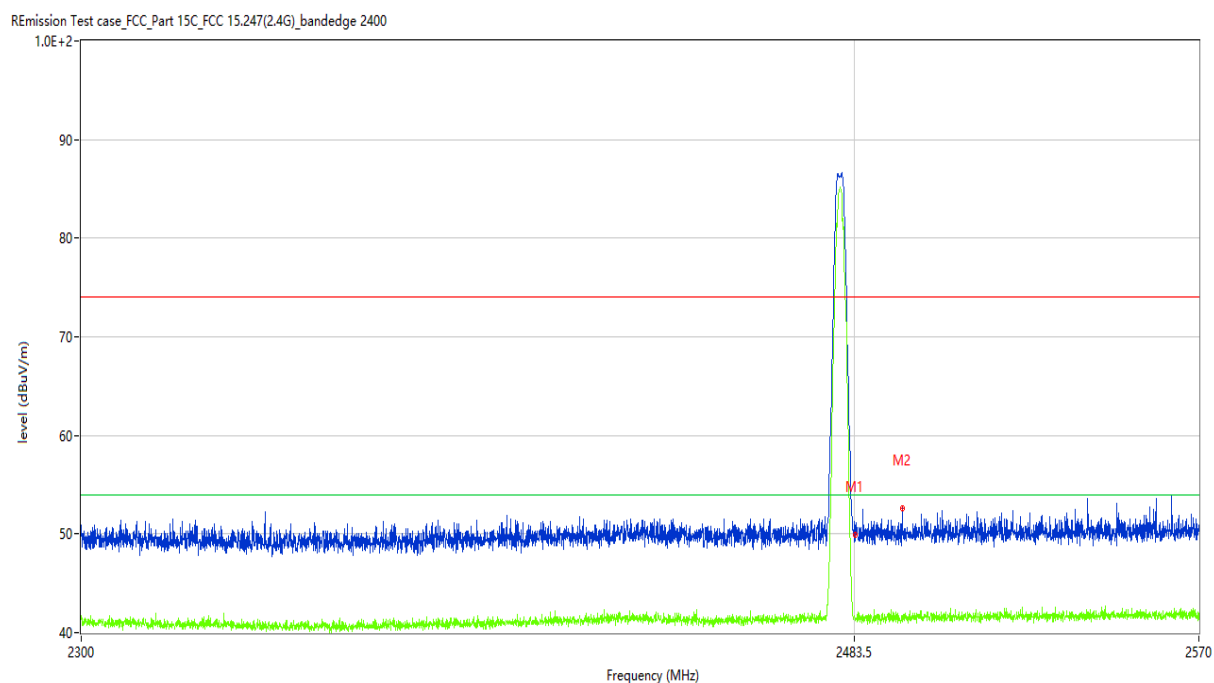
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The plots of BLE_2Mbps_2480 Channel, Vertical polarization



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	49.74	-9.51	74.0	-24.26	Peak	99.65	100	Vertical	Pass
1**	2483.500	41.56	-9.51	54.0	-12.44	AV	99.65	100	Vertical	Pass
2	2495.412	52.55	-9.50	74.0	-21.45	Peak	132.80	100	Vertical	Pass
2**	2495.412	41.77	-9.50	54.0	-12.23	AV	132.80	100	Vertical	Pass

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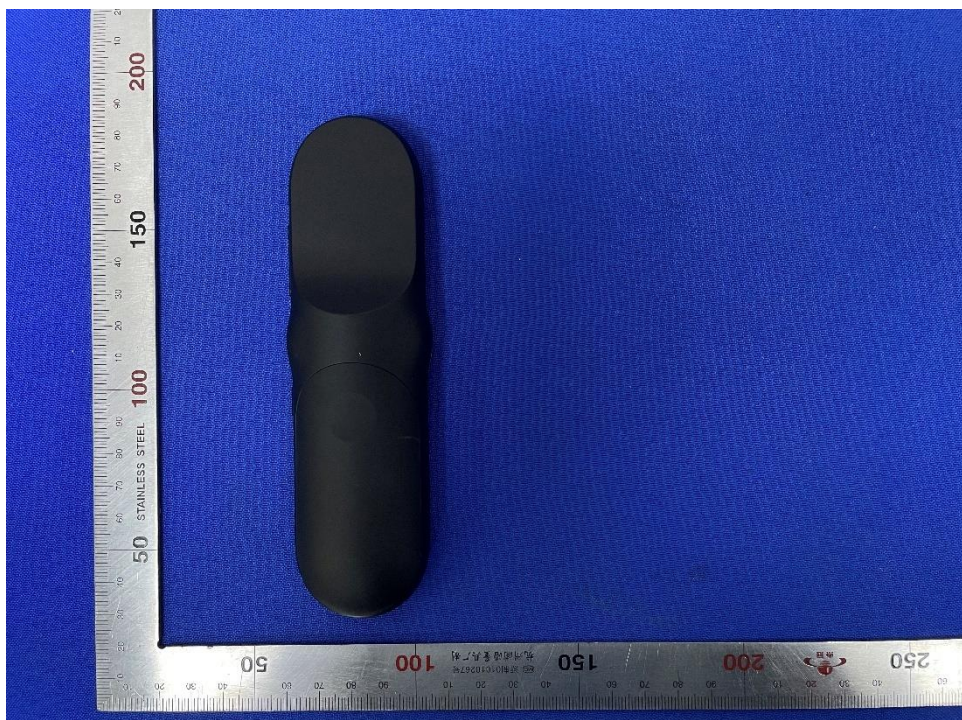
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5 Appendixes

5.1 Photographs of the Sample



Front of the sample



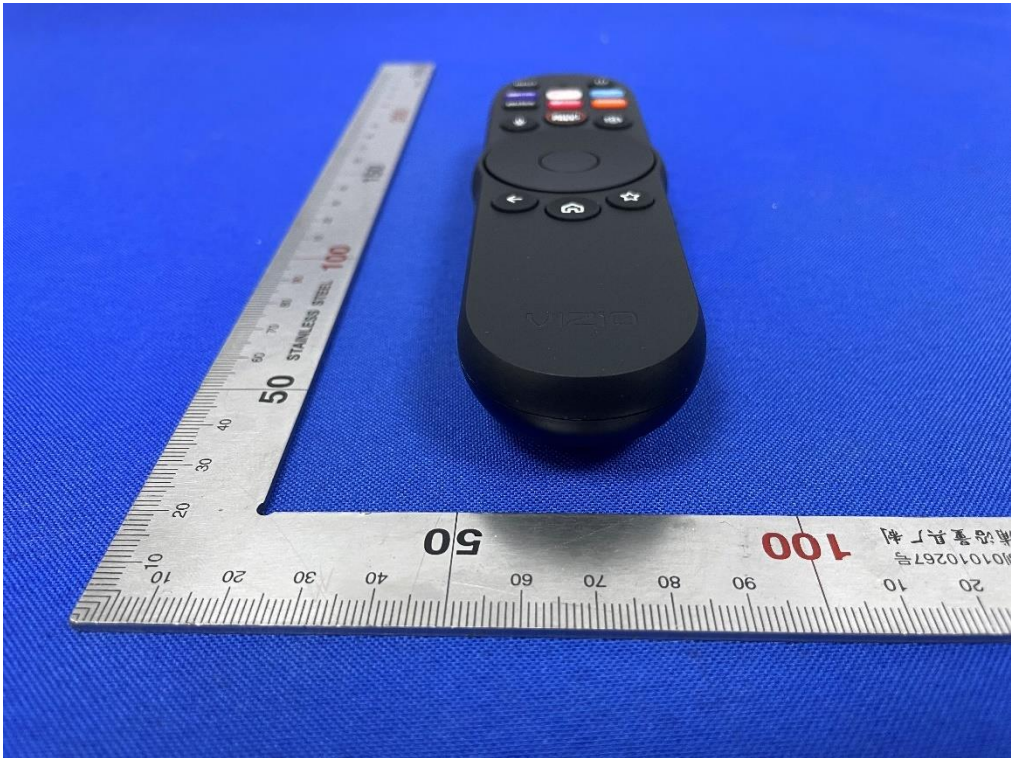
Rear of the sample

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Top of the sample



Bottom of the sample

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Left of the sample



Right of the sample

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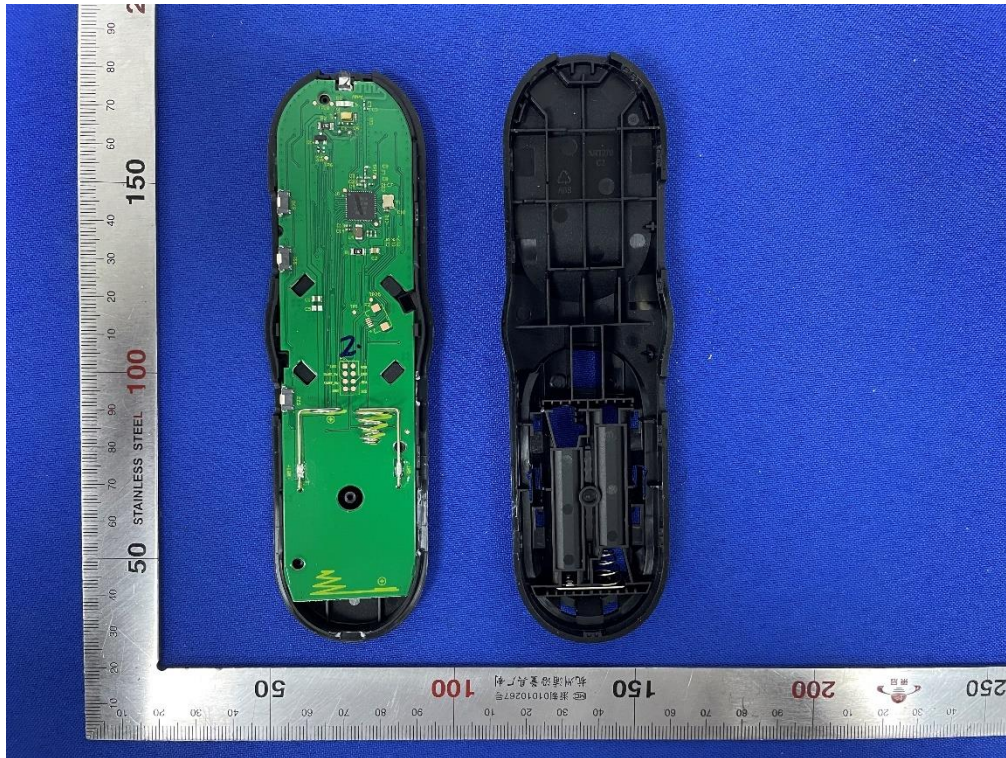
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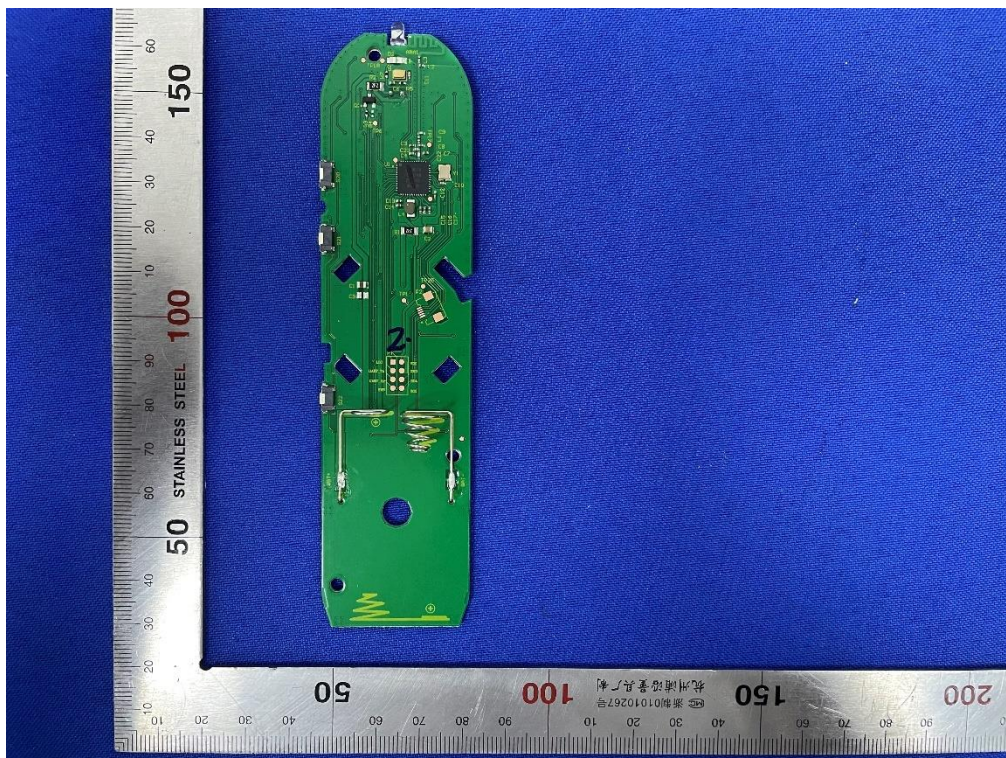
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Open of the sample



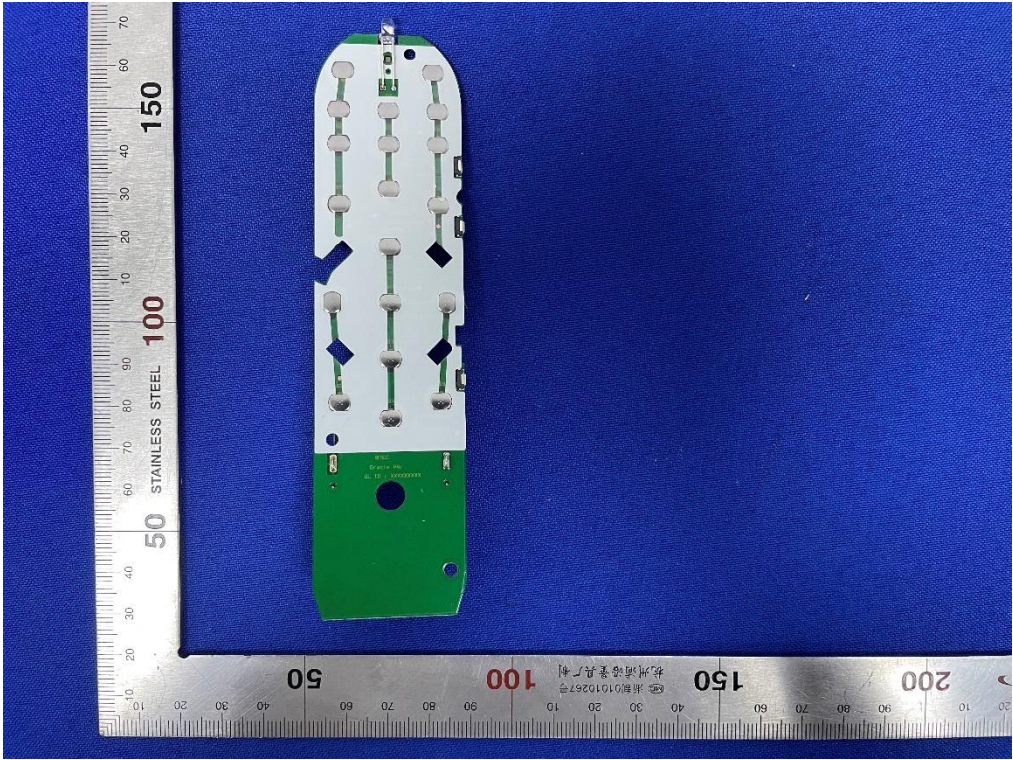
Internal photo of the sample-1

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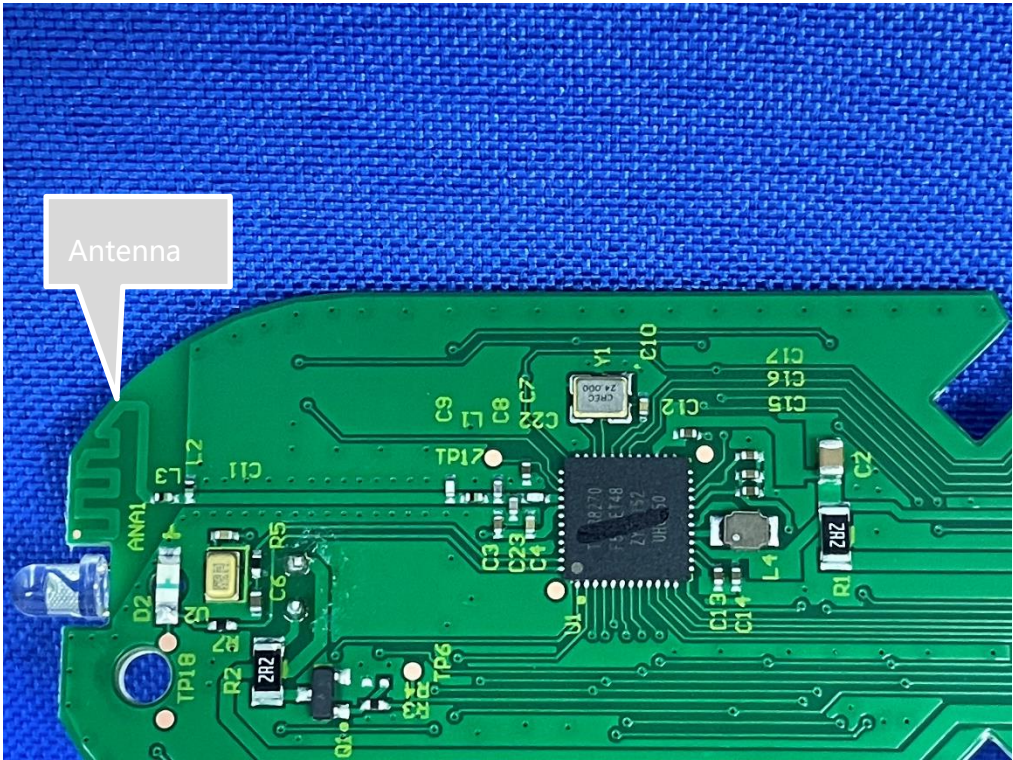
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Internal photo of the sample-2



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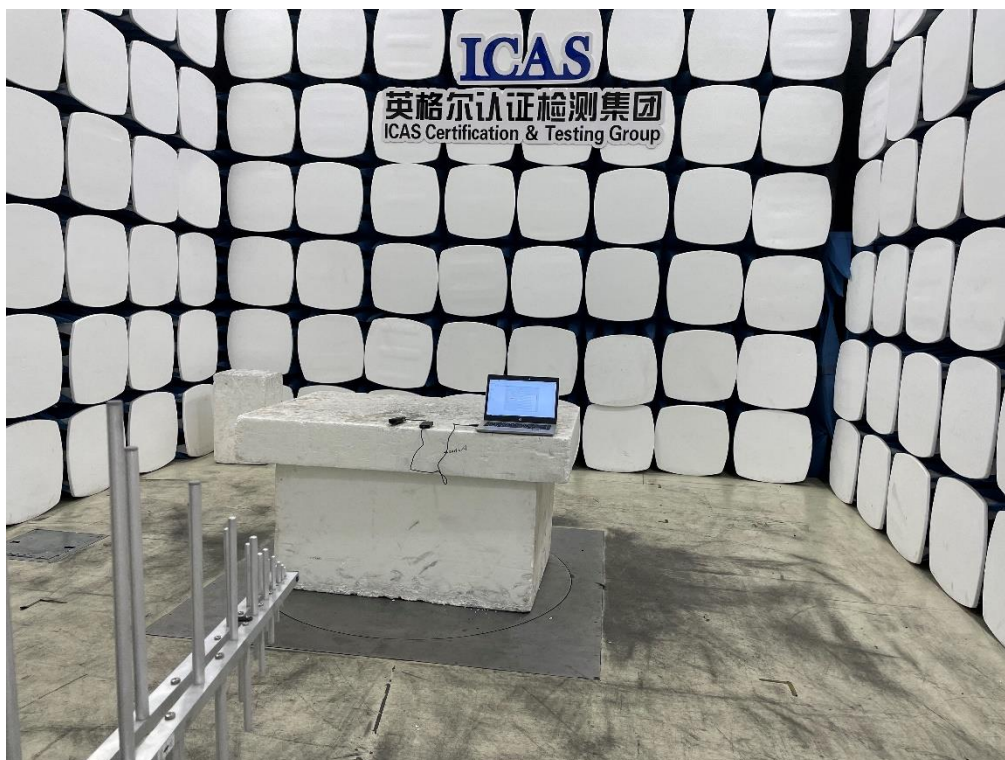
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5.2 Set-up for Conducted RF test at Antenna Port



5.3 Set-up for Radiated Spurious Emission below 1GHz



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5.4 Set-up for Radiated Spurious Emission above 1GHz



End of the report