

TEST REPORT

Report No.: SHE20030033-02AE

Date: 2020-6-29

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4.1.6 Spurious Emission

RESULT:

PASS

Test standard : FCC Part 15.247(d), 15.205, 15.209
RSS-247 5.5
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
Ambient temperature : 25°C
Relative humidity : 52%

For details refer to following test plot.

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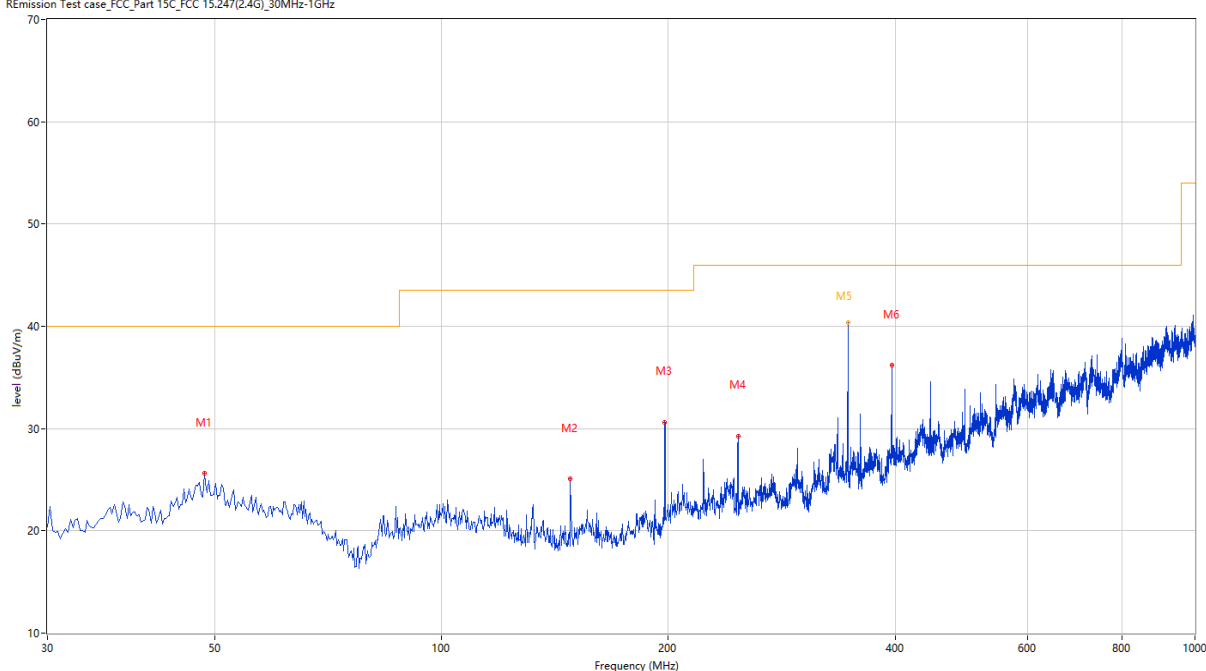
Notes:

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. The EUT is working in the Normal link mode below 1 GHz.

Figure 37: Spurious Emission, 30MHz – 1GHz, Normal Link Mode

30MHz-1GHz, Horizontal

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	48.425	25.61	-23.76	40.0	-14.39	Peak	320.80	100	Horizontal	Pass
2	148.310	25.05	-28.91	43.5	-18.45	Peak	180.40	100	Horizontal	Pass
3	197.768	30.63	-27.37	43.5	-12.87	Peak	0.00	200	Horizontal	Pass
4	247.468	29.28	-25.78	46.0	-16.72	Peak	10.00	200	Horizontal	Pass
5	346.499	41.15	-23.24	46.0	-4.85	Peak	0.00	130	Horizontal	Pass
5*	346.499	40.34	-23.24	46.0	-5.66	QP	0.00	130	Horizontal	Pass
6	395.841	36.21	-21.20	46.0	-9.79	Peak	0.00	200	Horizontal	Pass

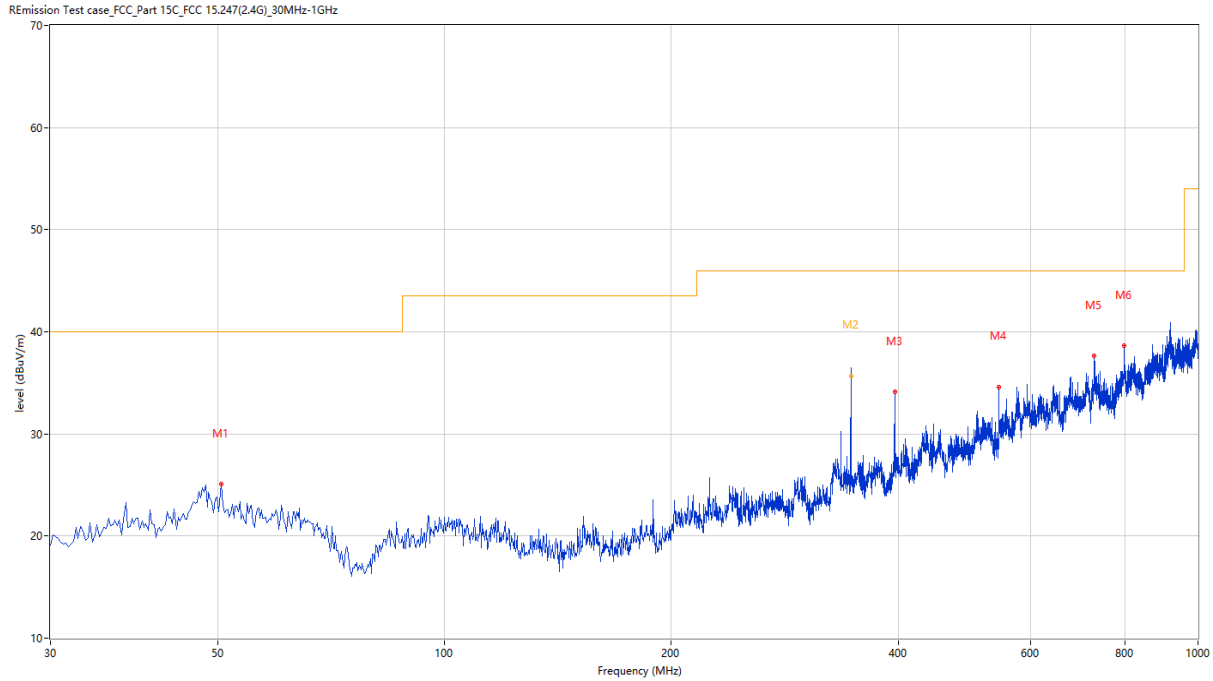
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30MHz-1GHz, Vertical



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	50.607	25.05	-24.38	40.0	-14.95	Peak	160.60	100	Vertical	Pass
2	346.500	36.71	-23.24	46.0	-9.29	Peak	280.60	100	Vertical	Pass
2*	346.500	35.68	-23.24	46.0	-10.32	QP	280.60	100	Vertical	Pass
3	395.841	34.08	-21.20	46.0	-11.92	Peak	272.20	100	Vertical	Pass
4	544.456	34.62	-18.54	46.0	-11.38	Peak	300.30	100	Vertical	Pass
5	728.953	37.65	-14.39	46.0	-8.35	Peak	344.80	100	Vertical	Pass
6	798.290	38.64	-11.56	46.0	-7.36	Peak	286.20	100	Vertical	Pass

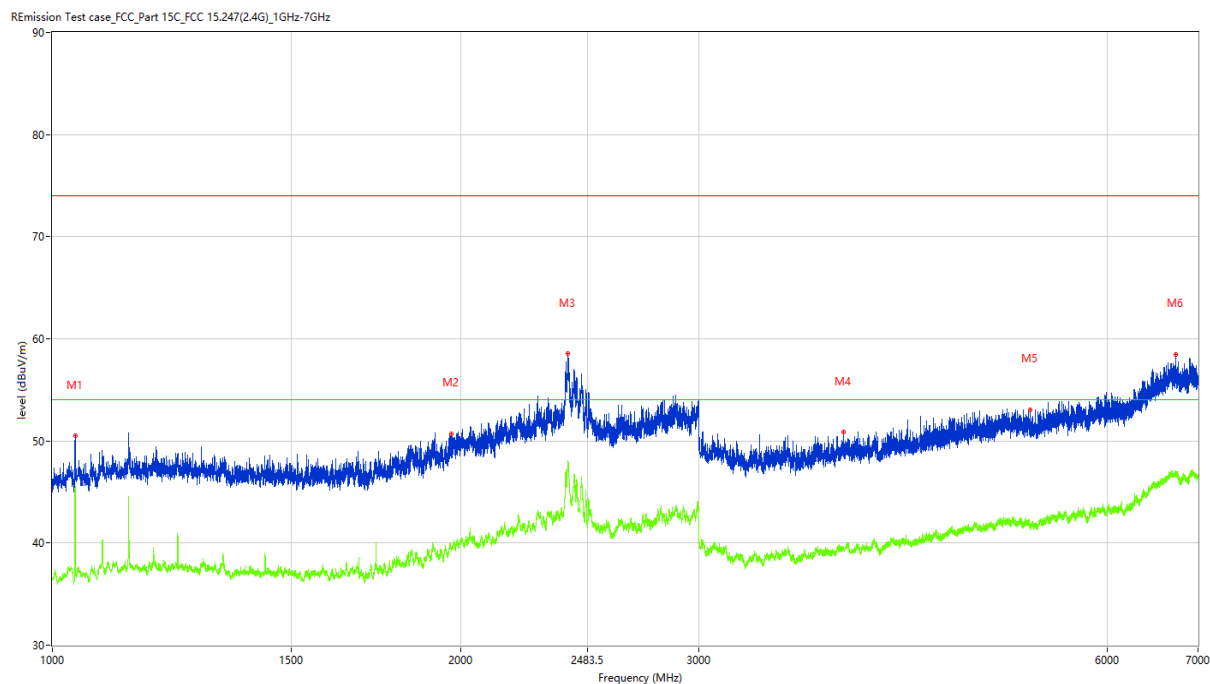
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Figure 38: Spurious Emission, 1GHz – 10th Harmonic, 802.11b, 2412MHz
1GHz-7GHz, Horizontal



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1039.495	50.50	-5.52	74.0	-23.50	Peak	161.80	100	Horizontal	Pass
1**	1039.495	45.52	-5.52	54.0	-8.48	AV	161.80	100	Horizontal	Pass
2	1968.379	50.73	-2.78	74.0	-23.27	Peak	158.60	100	Horizontal	Pass
2**	1968.379	39.25	-2.78	54.0	-14.75	AV	158.60	100	Horizontal	Pass
3	2401.075	58.59	5.33	74.0	-15.41	Peak	274.20	100	Horizontal	Pass
3**	2401.075	48.03	5.33	54.0	-5.97	AV	274.20	100	Horizontal	Pass
4	3831.396	50.88	-0.61	74.0	-23.12	Peak	251.00	100	Horizontal	Pass
4**	3831.396	39.50	-0.61	54.0	-14.50	AV	251.00	100	Horizontal	Pass
5	5263.217	53.08	1.53	74.0	-20.92	Peak	279.90	100	Horizontal	Pass
5**	5263.217	41.40	1.53	54.0	-12.60	AV	279.90	100	Horizontal	Pass
6	6740.032	58.51	5.73	74.0	-15.49	Peak	310.80	100	Horizontal	Pass
6**	6740.032	46.53	5.73	54.0	-7.47	AV	310.80	100	Horizontal	Pass

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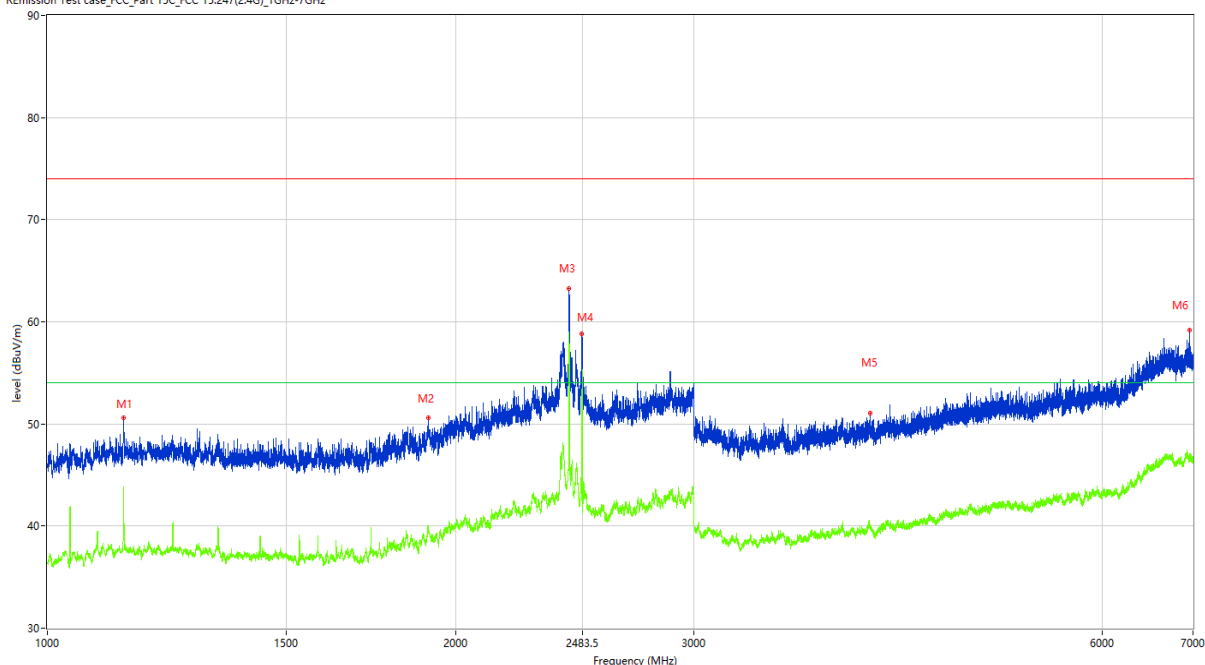
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1GHz-7GHz, Vertical

REmission Test case_FCC_Part 15C_FCC 15.247(2.4G)_1GHz-7GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1138.233	50.63	-3.99	74.0	-23.37	Peak	107.30	100	Vertical	Pass
1**	1138.233	43.87	-3.99	54.0	-10.13	AV	107.30	100	Vertical	Pass
2	1909.886	50.59	-2.93	74.0	-23.41	Peak	22.70	100	Vertical	Pass
2**	1909.886	39.41	-2.93	54.0	-14.59	AV	22.70	100	Vertical	Pass
3	2426.322	63.28	4.34	74.0	-10.72	Peak	332.60	100	Vertical	Pass
3**	2426.322	59.04	4.34	54.0	5.04	AV	332.60	100	Vertical	N.A
4	2479.815	58.82	2.25	74.0	-15.18	Peak	40.60	100	Vertical	Pass
4**	2479.815	51.58	2.25	54.0	-2.42	AV	40.60	100	Vertical	Pass
5	4043.870	51.04	-0.10	74.0	-22.96	Peak	204.80	100	Vertical	Pass
5**	4043.870	39.82	-0.10	54.0	-14.18	AV	204.80	100	Vertical	Pass
6	6954.506	59.17	5.68	74.0	-14.83	Peak	74.80	100	Vertical	Pass
6**	6954.506	47.06	5.68	54.0	-6.94	AV	74.80	100	Vertical	Pass

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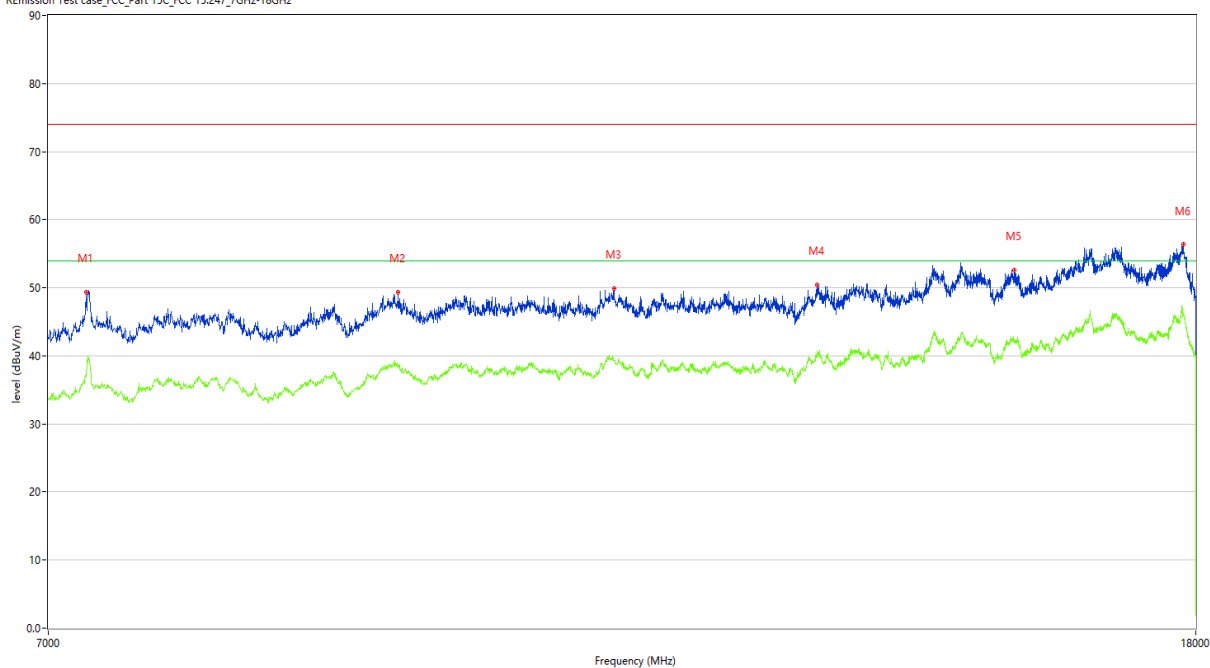
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7GHz-18GHz, Horizontal

REmission Test case_FCC_Part 15C_FCC 15.247_7GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7164.959	44.19	2.57	74.0	-29.81	Peak	84.00	100	Horizontal	Pass
1**	7164.959	34.83	2.57	54.0	-19.17	AV	84.00	100	Horizontal	Pass
2	9336.916	49.29	9.63	74.0	-24.71	Peak	13.80	100	Horizontal	Pass
2**	9336.916	38.35	9.63	54.0	-15.65	AV	13.80	100	Horizontal	Pass
3	11151.462	49.90	10.83	74.0	-24.10	Peak	320.40	100	Horizontal	Pass
3**	11151.462	39.37	10.83	54.0	-14.63	AV	320.40	100	Horizontal	Pass
4	13177.706	50.45	12.25	74.0	-23.55	Peak	170.10	100	Horizontal	Pass
4**	13177.706	40.13	12.25	54.0	-13.87	AV	170.10	100	Horizontal	Pass
5	15503.624	52.61	15.33	74.0	-21.39	Peak	1.30	100	Horizontal	Pass
5**	15503.624	42.00	15.33	54.0	-12.00	AV	1.30	100	Horizontal	Pass
6	17818.545	56.32	20.40	74.0	-17.68	Peak	25.90	100	Horizontal	Pass
6**	17818.545	45.95	20.40	54.0	-8.05	AV	25.90	100	Horizontal	Pass

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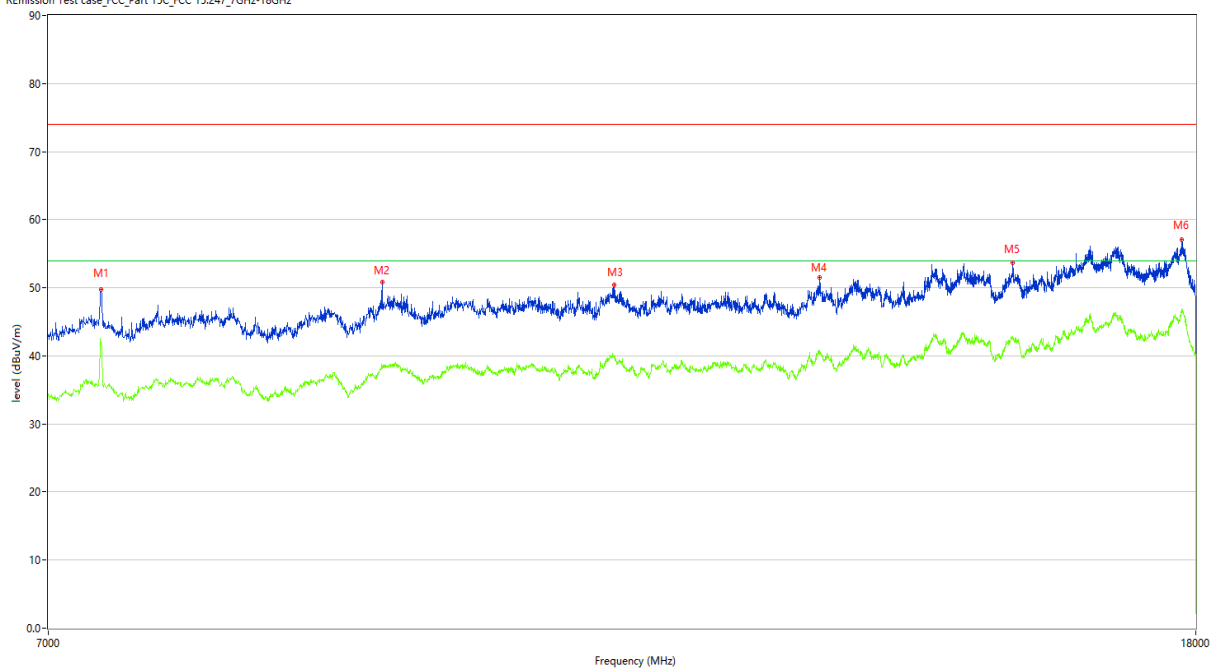
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7GHz-18GHz, Vertical

REmission Test case_FCC_Part 15C_FCC 15.247_7GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7310.672	49.73	3.01	74.0	-24.27	Peak	224.50	100	Vertical	Pass
1**	7310.672	41.79	3.01	54.0	-12.21	AV	224.50	100	Vertical	Pass
2	9213.197	50.81	8.51	74.0	-23.19	Peak	157.10	100	Vertical	Pass
2**	9213.197	38.23	8.51	54.0	-15.77	AV	157.10	100	Vertical	Pass
3	11154.211	50.45	10.82	74.0	-23.55	Peak	98.50	100	Vertical	Pass
3**	11154.211	39.76	10.82	54.0	-14.24	AV	98.50	100	Vertical	Pass
4	13210.697	51.53	12.36	74.0	-22.47	Peak	89.30	100	Vertical	Pass
4**	13210.697	40.73	12.36	54.0	-13.27	AV	89.30	100	Vertical	Pass
5	15484.379	53.74	15.30	74.0	-20.26	Peak	360.00	100	Vertical	Pass
5**	15484.379	42.52	15.30	54.0	-11.48	AV	360.00	100	Vertical	Pass
6	17799.300	57.12	21.10	74.0	-16.88	Peak	132.60	100	Vertical	Pass
6**	17799.300	46.94	21.10	54.0	-7.06	AV	132.60	100	Vertical	Pass

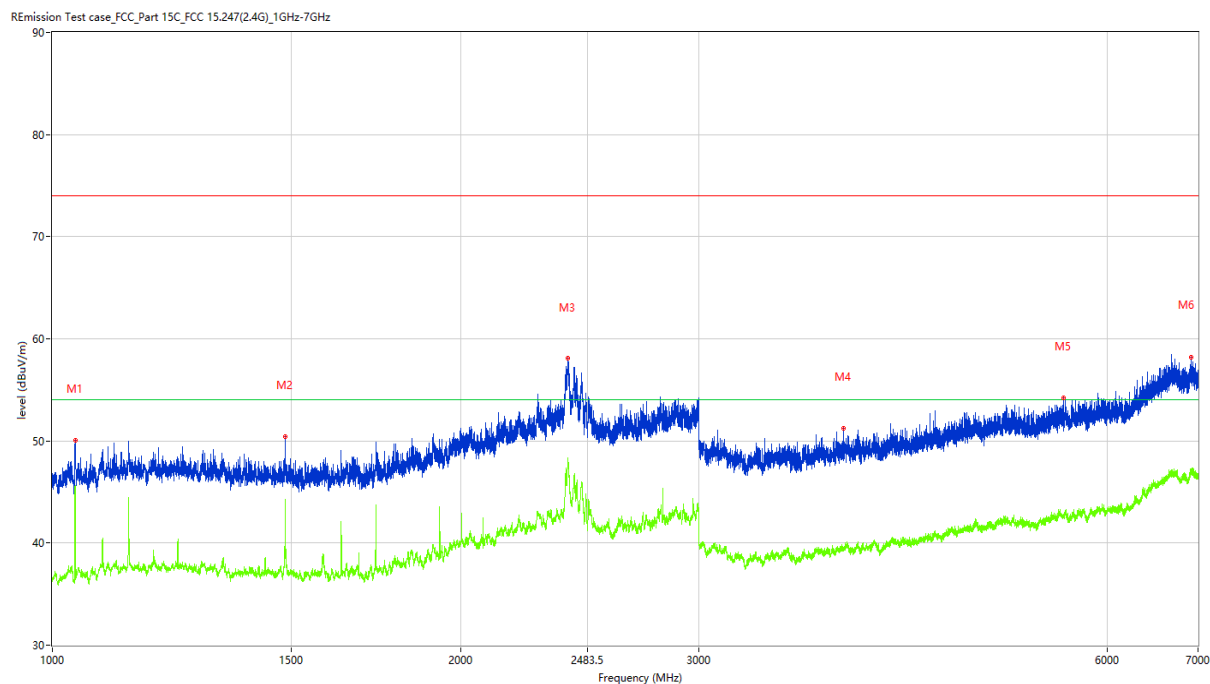
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Figure 39: Spurious Emission, 1GHz – 10th Harmonic, 802.11b, 2437MHz
1GHz-7GHz, Horizontal



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1039.745	50.08	-5.43	74.0	-23.92	Peak	346.00	100	Horizontal	Pass
1**	1039.745	43.99	-5.43	54.0	-10.01	AV	346.00	100	Horizontal	Pass
2	1485.189	50.46	-5.12	74.0	-23.54	Peak	323.90	100	Horizontal	Pass
2**	1485.189	41.54	-5.12	54.0	-12.46	AV	323.90	100	Horizontal	Pass
3	2401.325	58.06	5.32	74.0	-15.94	Peak	286.30	100	Horizontal	Pass
3**	2401.325	47.83	5.32	54.0	-6.17	AV	286.30	100	Horizontal	Pass
4	3832.396	51.23	-0.61	74.0	-22.77	Peak	149.30	100	Horizontal	Pass
4**	3832.396	39.45	-0.61	54.0	-14.55	AV	149.30	100	Horizontal	Pass
5	5568.179	54.25	1.96	74.0	-19.75	Peak	0.00	100	Horizontal	Pass
5**	5568.179	42.50	1.96	54.0	-11.50	AV	0.00	100	Horizontal	Pass
6	6922.010	58.19	5.73	74.0	-15.81	Peak	58.40	100	Horizontal	Pass
6**	6922.010	46.93	5.73	54.0	-7.07	AV	58.40	100	Horizontal	Pass

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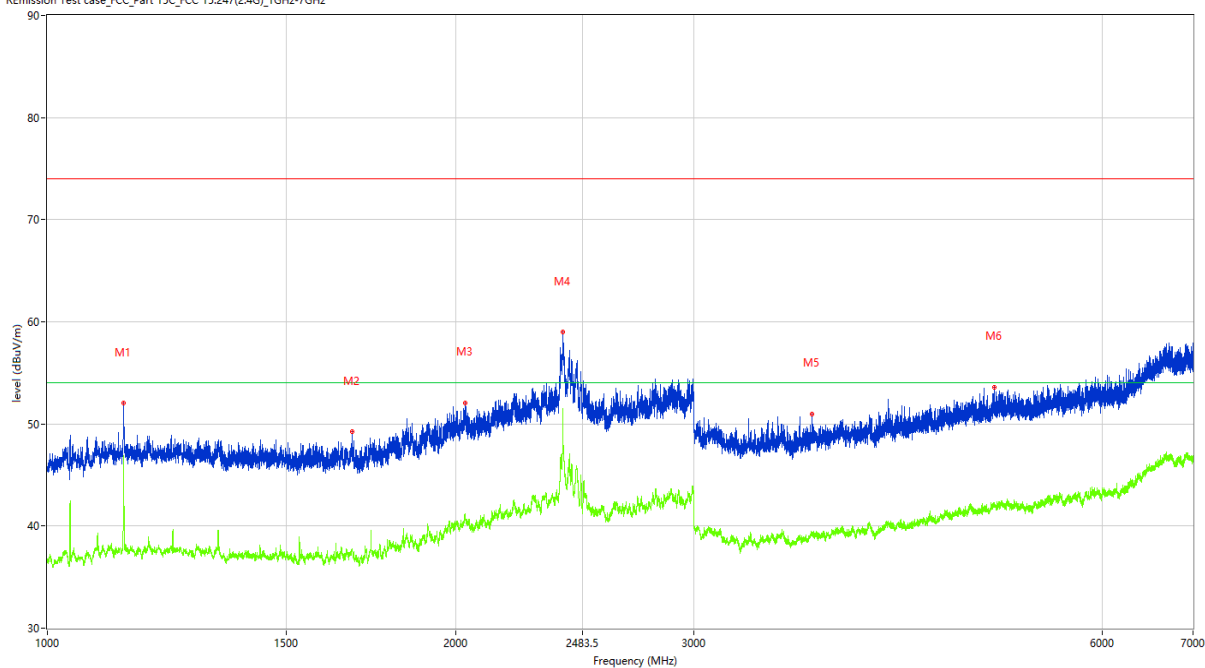
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1GHz-7GHz, Vertical

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No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1138.733	52.03	-3.92	74.0	-21.97	Peak	112.00	100	Vertical	Pass
1**	1138.733	45.65	-3.92	54.0	-8.35	AV	112.00	100	Vertical	Pass
2	1679.165	49.26	-4.78	74.0	-24.74	Peak	240.20	100	Vertical	Pass
2**	1679.165	37.49	-4.78	54.0	-16.51	AV	240.20	100	Vertical	Pass
3	2034.121	52.07	-1.60	74.0	-21.93	Peak	360.00	100	Vertical	Pass
3**	2034.121	40.72	-1.60	54.0	-13.28	AV	360.00	100	Vertical	Pass
4	2401.075	59.01	5.33	74.0	-14.99	Peak	52.70	100	Vertical	Pass
4**	2401.075	50.04	5.33	54.0	-3.96	AV	52.70	100	Vertical	Pass
5	3663.417	51.00	-0.81	74.0	-23.00	Peak	299.10	100	Vertical	Pass
5**	3663.417	39.34	-0.81	54.0	-14.66	AV	299.10	100	Vertical	Pass
6	4997.250	53.63	1.65	74.0	-20.37	Peak	259.30	100	Vertical	Pass
6**	4997.250	42.25	1.65	54.0	-11.75	AV	259.30	100	Vertical	Pass

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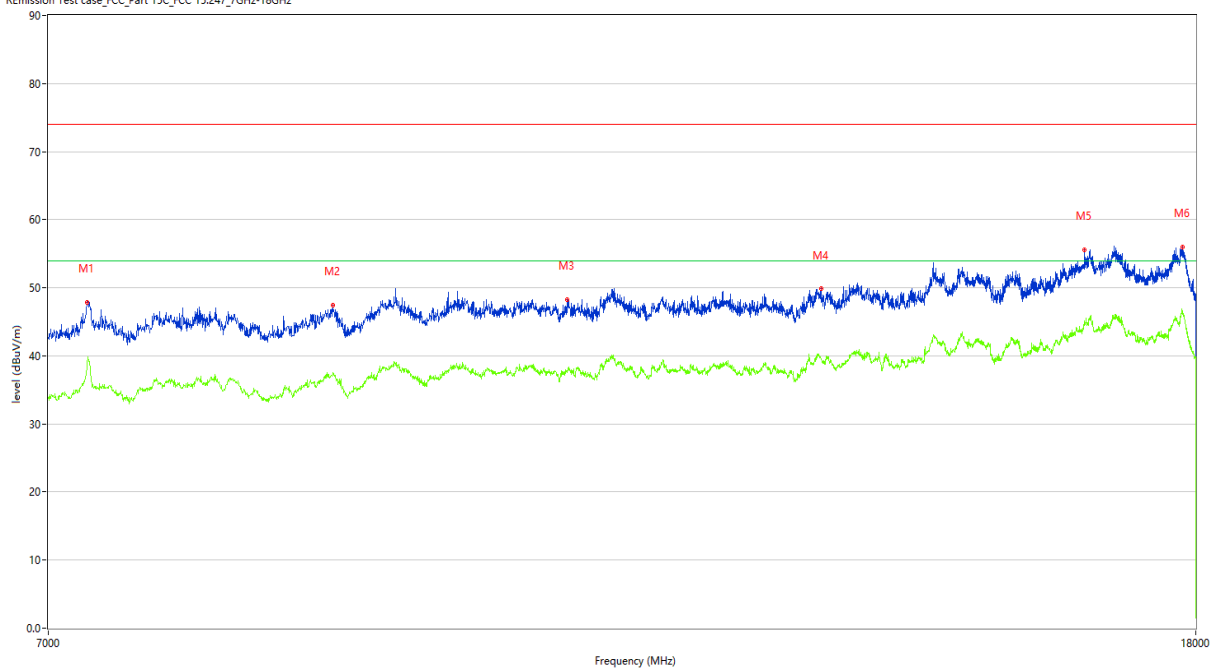
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7GHz-18GHz, Horizontal

REmission Test case_FCC_Part 15C_FCC 15.247_7GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7200.700	46.29	2.86	74.0	-27.71	Peak	342.50	100	Horizontal	Pass
1**	7200.700	35.60	2.86	54.0	-18.40	AV	342.50	100	Horizontal	Pass
2	8847.538	47.47	7.52	74.0	-26.53	Peak	140.90	100	Horizontal	Pass
2**	8847.538	37.34	7.52	54.0	-16.66	AV	140.90	100	Horizontal	Pass
3	10730.817	48.27	10.34	74.0	-25.73	Peak	261.70	100	Horizontal	Pass
3**	10730.817	37.79	10.34	54.0	-16.21	AV	261.70	100	Horizontal	Pass
4	13221.695	49.82	12.35	74.0	-24.18	Peak	55.10	100	Horizontal	Pass
4**	13221.695	39.51	12.35	54.0	-14.49	AV	55.10	100	Horizontal	Pass
5	16427.393	55.62	19.49	74.0	-18.38	Peak	225.60	100	Horizontal	Pass
5**	16427.393	45.17	19.49	54.0	-8.83	AV	225.60	100	Horizontal	Pass
6	17810.297	55.93	20.71	74.0	-18.07	Peak	222.60	100	Horizontal	Pass
6**	17810.297	46.06	20.71	54.0	-7.94	AV	222.60	100	Horizontal	Pass

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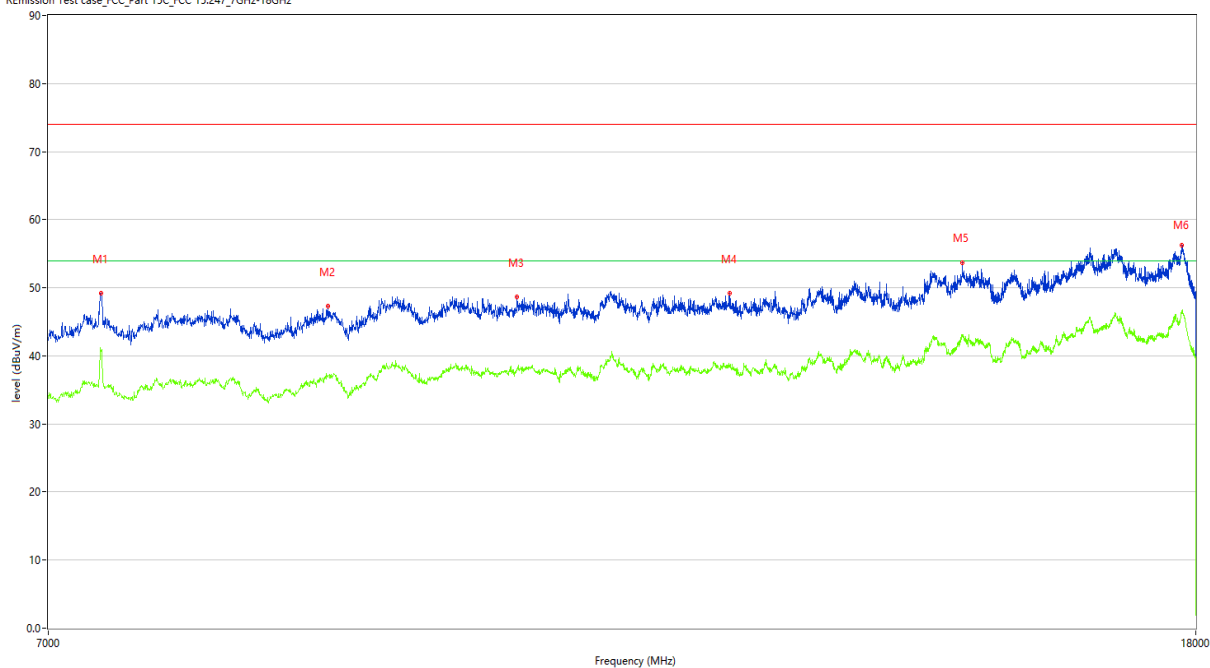
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7GHz-18GHz, Vertical

REmission Test case_FCC_Part 15C_FCC 15.247_7GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7310.672	49.24	3.01	74.0	-24.76	Peak	221.40	100	Vertical	Pass
1**	7310.672	40.68	3.01	54.0	-13.32	AV	221.40	100	Vertical	Pass
2	8809.048	47.31	6.91	74.0	-26.69	Peak	165.80	100	Vertical	Pass
2**	8809.048	37.05	6.91	54.0	-16.95	AV	165.80	100	Vertical	Pass
3	10293.677	48.64	11.10	74.0	-25.36	Peak	162.80	100	Vertical	Pass
3**	10293.677	38.07	11.10	54.0	-15.93	AV	162.80	100	Vertical	Pass
4	12267.683	49.19	10.82	74.0	-24.81	Peak	252.30	100	Vertical	Pass
4**	12267.683	38.49	10.82	54.0	-15.51	AV	252.30	100	Vertical	Pass
5	14854.786	53.62	18.14	74.0	-20.38	Peak	299.00	100	Vertical	Pass
5**	14854.786	42.98	18.14	54.0	-11.02	AV	299.00	100	Vertical	Pass
6	17799.300	56.28	21.10	74.0	-17.72	Peak	70.40	100	Vertical	Pass
6**	17799.300	46.55	21.10	54.0	-7.45	AV	70.40	100	Vertical	Pass

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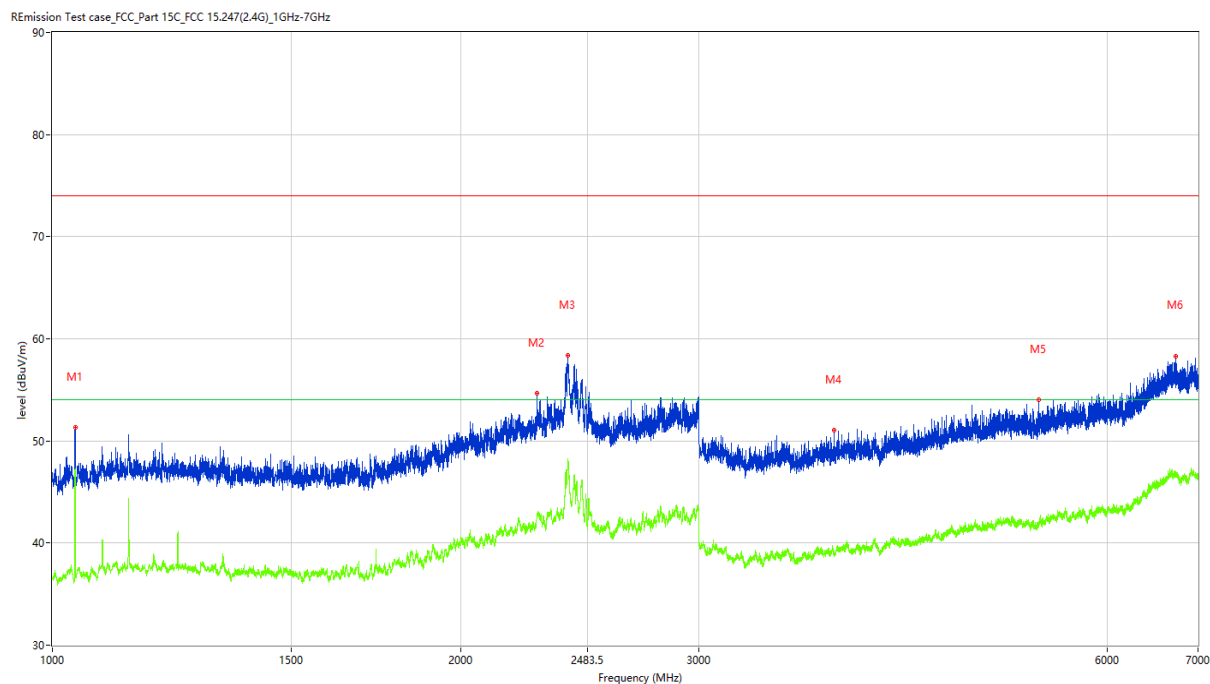
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Figure 40: Spurious Emission, 1GHz – 10th Harmonic, 802.11b, 2462MHz

1GHz-7GHz, Horizontal



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1039.495	51.37	-5.52	74.0	-22.63	Peak	142.00	100	Horizontal	Pass
1**	1039.495	47.30	-5.52	54.0	-6.70	AV	142.00	100	Horizontal	Pass
2	2277.590	54.63	0.53	74.0	-19.37	Peak	52.30	100	Horizontal	Pass
2**	2277.590	42.72	0.53	54.0	-11.28	AV	52.30	100	Horizontal	Pass
3	2400.075	58.40	5.37	74.0	-15.60	Peak	123.50	100	Horizontal	Pass
3**	2400.075	47.61	5.37	54.0	-6.39	AV	123.50	100	Horizontal	Pass
4	3772.903	51.06	-0.74	74.0	-22.94	Peak	290.20	100	Horizontal	Pass
4**	3772.903	38.89	-0.74	54.0	-15.11	AV	290.20	100	Horizontal	Pass
5	5337.208	54.07	1.46	74.0	-19.93	Peak	116.00	100	Horizontal	Pass
5**	5337.208	41.60	1.46	54.0	-12.40	AV	116.00	100	Horizontal	Pass
6	6744.532	58.26	5.71	74.0	-15.74	Peak	62.20	100	Horizontal	Pass
6**	6744.532	46.62	5.71	54.0	-7.38	AV	62.20	100	Horizontal	Pass

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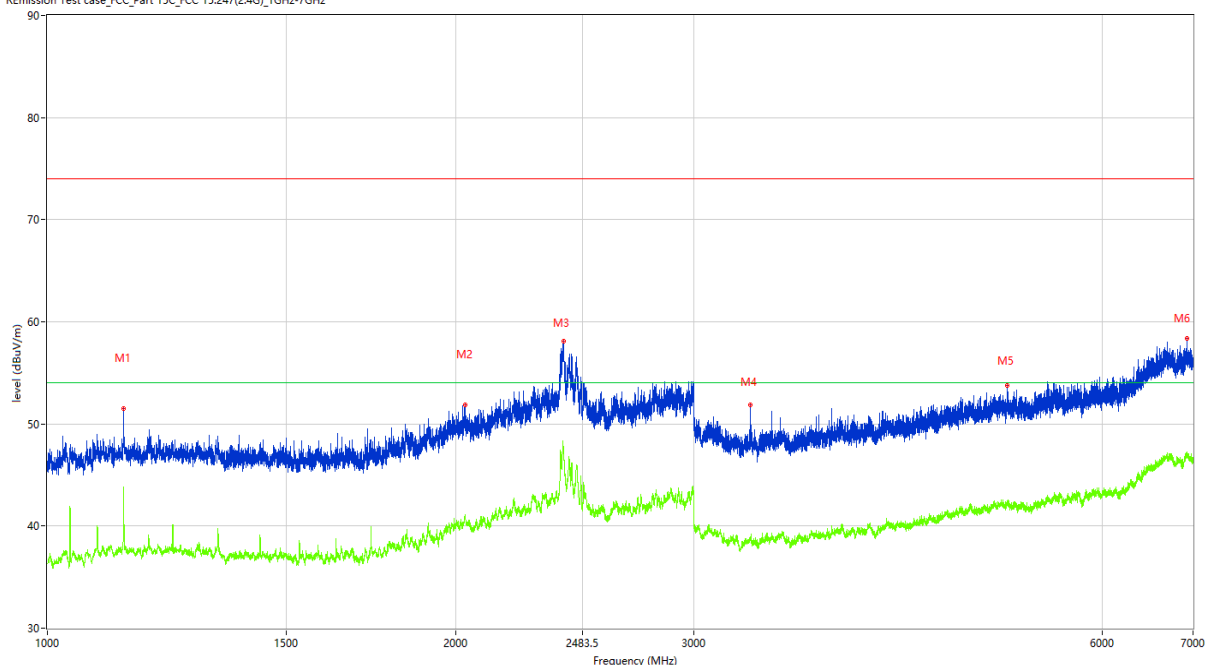
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1GHz-7GHz, Vertical

REmission Test case_FCC_Part 15C_FCC 15.247(2.4G)_1GHz-7GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1138.733	51.52	-3.92	74.0	-22.48	Peak	132.20	100	Vertical	Pass
1**	1138.733	42.99	-3.92	54.0	-11.01	AV	132.20	100	Vertical	Pass
2	2032.621	51.86	-1.50	74.0	-22.14	Peak	271.80	100	Vertical	Pass
2**	2032.621	40.72	-1.50	54.0	-13.28	AV	271.80	100	Vertical	Pass
3	2402.825	58.06	5.26	74.0	-15.94	Peak	73.10	100	Vertical	Pass
3**	2402.825	47.55	5.26	54.0	-6.45	AV	73.10	100	Vertical	Pass
4	3301.462	51.83	-1.74	74.0	-22.17	Peak	2.90	100	Vertical	Pass
4**	3301.462	38.90	-1.74	54.0	-15.10	AV	2.90	100	Vertical	Pass
5	5105.237	53.77	1.75	74.0	-20.23	Peak	0.10	100	Vertical	Pass
5**	5105.237	42.29	1.75	54.0	-11.71	AV	0.10	100	Vertical	Pass
6	6926.009	58.40	5.72	74.0	-15.60	Peak	313.10	100	Vertical	Pass
6**	6926.009	46.78	5.72	54.0	-7.22	AV	313.10	100	Vertical	Pass

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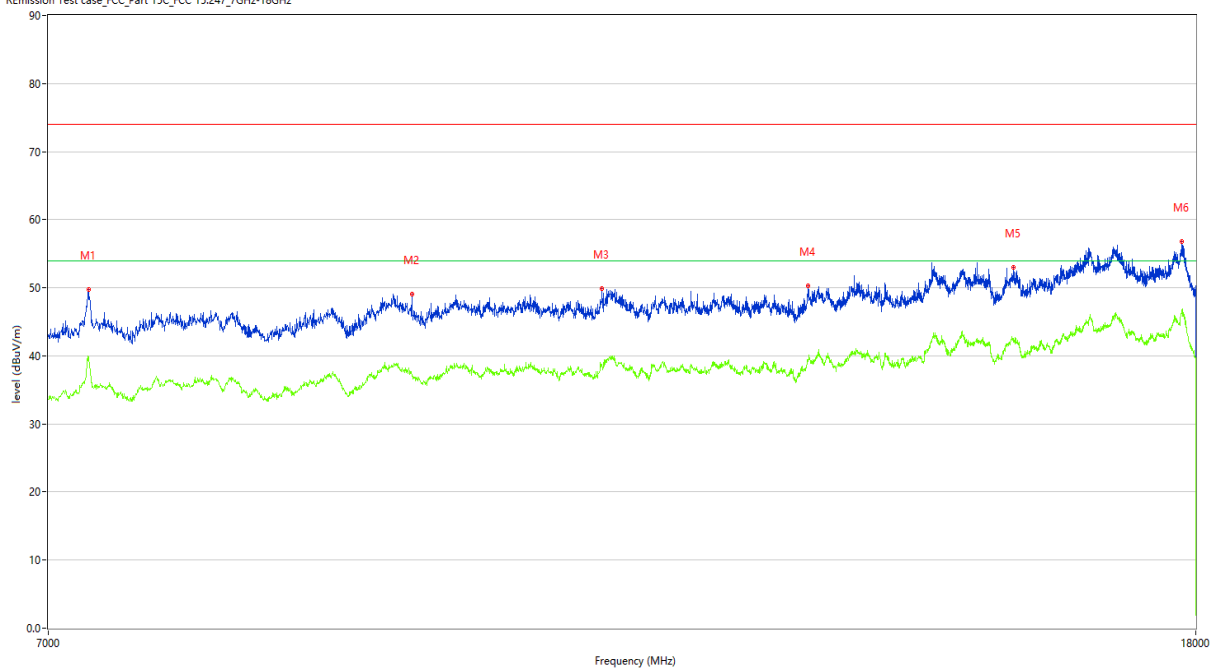
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7GHz-18GHz, Horizontal

REmission Test case_FCC_Part 15C_FCC 15.247_7GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7225.444	47.17	2.83	74.0	-26.83	Peak	309.80	100	Horizontal	Pass
1**	7225.444	38.85	2.83	54.0	-15.15	AV	309.80	100	Horizontal	Pass
2	9441.390	49.10	9.15	74.0	-24.90	Peak	344.80	100	Horizontal	Pass
2**	9441.390	37.07	9.15	54.0	-16.93	AV	344.80	100	Horizontal	Pass
3	11041.490	49.94	10.91	74.0	-24.06	Peak	290.00	100	Horizontal	Pass
3**	11041.490	38.82	10.91	54.0	-15.18	AV	290.00	100	Horizontal	Pass
4	13081.480	50.34	12.23	74.0	-23.66	Peak	153.20	100	Horizontal	Pass
4**	13081.480	39.15	12.23	54.0	-14.85	AV	153.20	100	Horizontal	Pass
5	15492.627	53.04	15.31	74.0	-20.96	Peak	214.40	100	Horizontal	Pass
5**	15492.627	42.09	15.31	54.0	-11.91	AV	214.40	100	Horizontal	Pass
6	17799.300	56.81	21.10	74.0	-17.19	Peak	199.80	100	Horizontal	Pass
6**	17799.300	46.66	21.10	54.0	-7.34	AV	199.80	100	Horizontal	Pass

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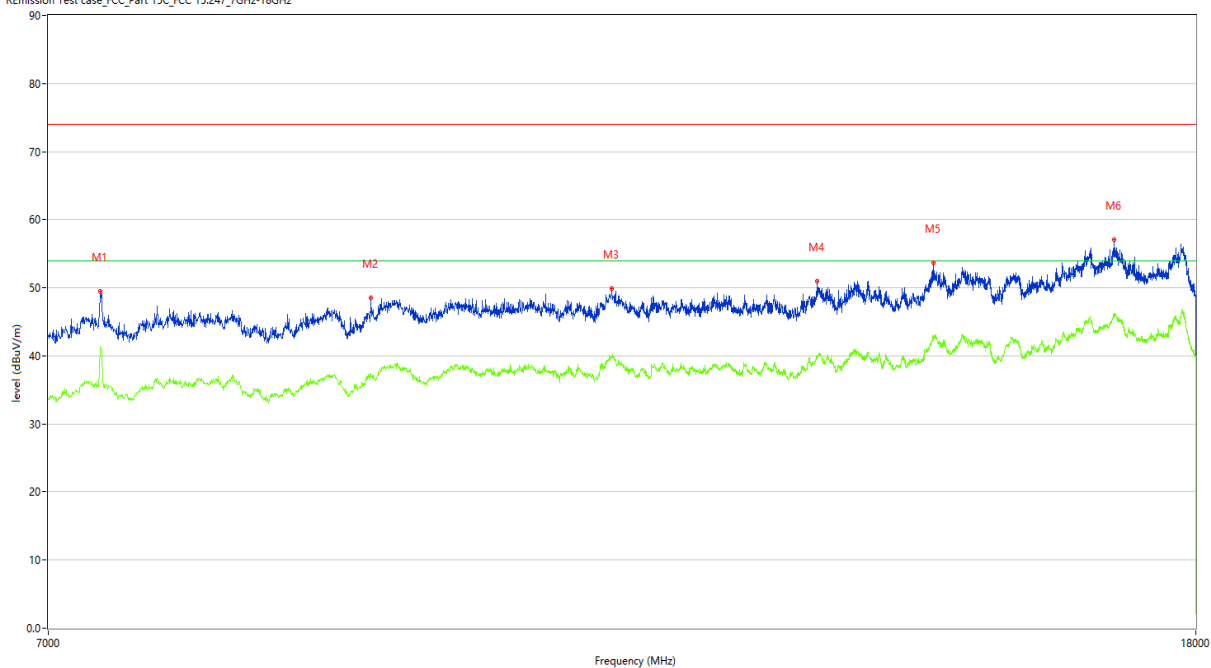
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7GHz-18GHz, Vertical

REmission Test case_FCC_Part 15C_FCC 15.247_7GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7307.923	49.51	3.00	74.0	-24.49	Peak	28.60	100	Vertical	Pass
1**	7307.923	41.41	3.00	54.0	-12.59	AV	28.60	100	Vertical	Pass
2	9130.717	48.50	7.47	74.0	-25.50	Peak	135.80	100	Vertical	Pass
2**	9130.717	37.04	7.47	54.0	-16.96	AV	135.80	100	Vertical	Pass
3	11129.468	49.90	10.73	74.0	-24.10	Peak	159.80	100	Vertical	Pass
3**	11129.468	39.75	10.73	54.0	-14.25	AV	159.80	100	Vertical	Pass
4	13183.204	50.92	12.28	74.0	-23.08	Peak	353.20	100	Vertical	Pass
4**	13183.204	39.94	12.28	54.0	-14.06	AV	353.20	100	Vertical	Pass
5	14500.125	53.69	17.10	74.0	-20.31	Peak	239.80	100	Vertical	Pass
5**	14500.125	42.38	17.10	54.0	-11.62	AV	239.80	100	Vertical	Pass
6	16831.542	57.05	20.28	74.0	-16.95	Peak	274.10	100	Vertical	Pass
6**	16831.542	45.93	20.28	54.0	-8.07	AV	274.10	100	Vertical	Pass

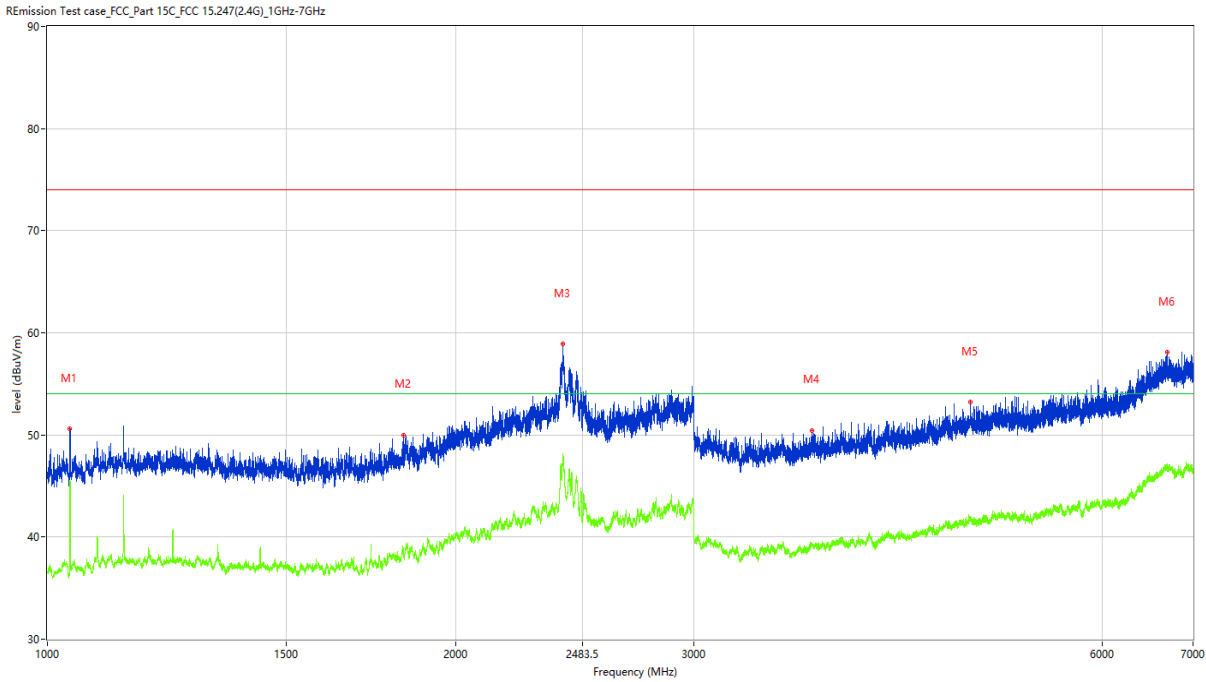
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Figure 41: Spurious Emission, 1GHz – 10th Harmonic, 802.11g, 2412MHz
1GHz-7GHz, Horizontal



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1039.245	50.58	-5.60	74.0	-23.42	Peak	0.00	100	Horizontal	Pass
1**	1039.245	45.37	-5.60	54.0	-8.63	AV	0.00	100	Horizontal	Pass
2	1831.146	49.99	-4.30	74.0	-24.01	Peak	145.00	100	Horizontal	Pass
2**	1831.146	38.18	-4.30	54.0	-15.82	AV	145.00	100	Horizontal	Pass
3	2400.825	58.87	5.34	74.0	-15.13	Peak	39.00	100	Horizontal	Pass
3**	2400.825	47.65	5.34	54.0	-6.35	AV	39.00	100	Horizontal	Pass
4	3666.917	50.46	-0.81	74.0	-23.54	Peak	348.10	100	Horizontal	Pass
4**	3666.917	39.29	-0.81	54.0	-14.71	AV	348.10	100	Horizontal	Pass
5	4798.775	53.24	1.06	74.0	-20.76	Peak	323.10	100	Horizontal	Pass
5**	4798.775	41.55	1.06	54.0	-12.45	AV	323.10	100	Horizontal	Pass
6	6700.537	58.06	5.97	74.0	-15.94	Peak	285.80	100	Horizontal	Pass
6**	6700.537	46.57	5.97	54.0	-7.43	AV	285.80	100	Horizontal	Pass

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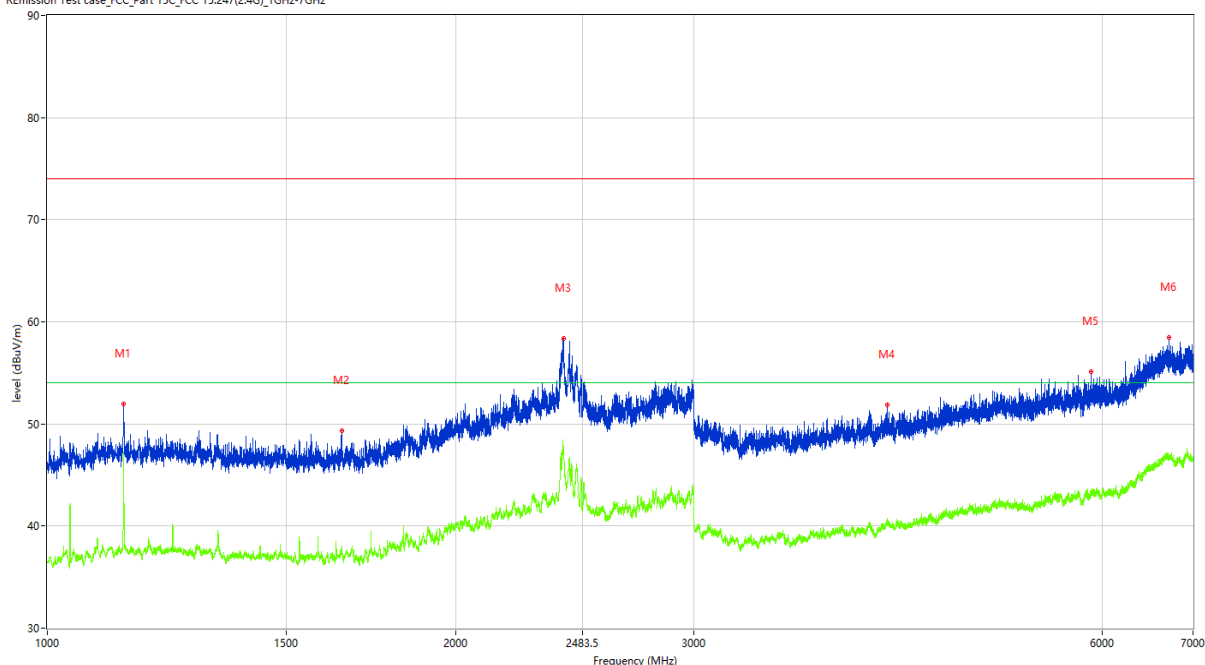
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1GHz-7GHz, Vertical

REmission Test case_FCC_Part 15C_FCC 15.247(2.4G)_1GHz-7GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1138.483	51.92	-3.96	74.0	-22.08	Peak	112.40	100	Vertical	Pass
1**	1138.483	47.27	-3.96	54.0	-6.73	AV	112.40	100	Vertical	Pass
2	1648.169	49.36	-4.64	74.0	-24.64	Peak	0.00	100	Vertical	Pass
2**	1648.169	37.61	-4.64	54.0	-16.39	AV	0.00	100	Vertical	Pass
3	2402.075	58.37	5.29	74.0	-15.63	Peak	234.00	100	Vertical	Pass
3**	2402.075	47.76	5.29	54.0	-6.24	AV	234.00	100	Vertical	Pass
4	4164.354	51.84	-0.04	74.0	-22.16	Peak	17.40	100	Vertical	Pass
4**	4164.354	40.26	-0.04	54.0	-13.74	AV	17.40	100	Vertical	Pass
5	5888.639	55.11	2.16	74.0	-18.89	Peak	106.20	100	Vertical	Pass
5**	5888.639	42.60	2.16	54.0	-11.40	AV	106.20	100	Vertical	Pass
6	6720.535	58.42	5.85	74.0	-15.58	Peak	121.80	100	Vertical	Pass
6**	6720.535	46.62	5.85	54.0	-7.38	AV	121.80	100	Vertical	Pass

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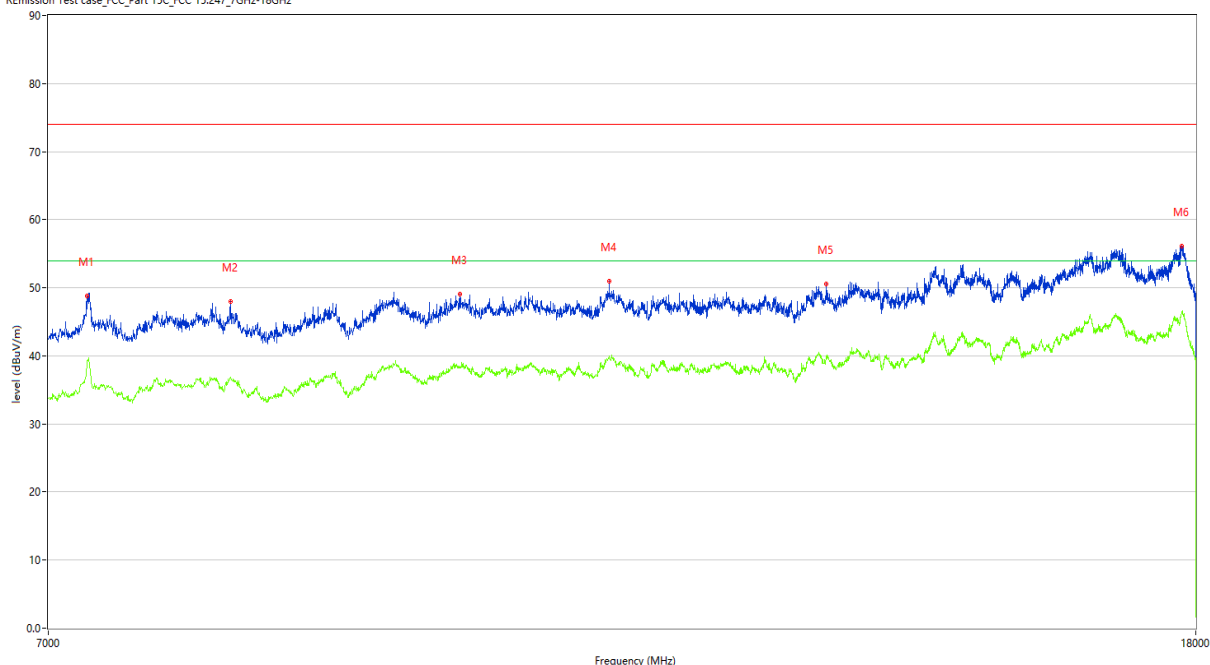
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7GHz-18GHz, Horizontal

REmission Test case_FCC_Part 15C_FCC 15.247_7GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7192.452	43.81	2.80	74.0	-30.19	Peak	236.60	100	Horizontal	Pass
1**	7192.452	35.81	2.80	54.0	-18.19	AV	236.60	100	Horizontal	Pass
2	8135.466	48.00	5.35	74.0	-26.00	Peak	116.10	100	Horizontal	Pass
2**	8135.466	36.71	5.35	54.0	-17.29	AV	116.10	100	Horizontal	Pass
3	9820.795	49.04	9.55	74.0	-24.96	Peak	189.20	100	Horizontal	Pass
3**	9820.795	38.52	9.55	54.0	-15.48	AV	189.20	100	Horizontal	Pass
4	11107.473	50.91	10.63	74.0	-23.09	Peak	295.20	100	Horizontal	Pass
4**	11107.473	39.94	10.63	54.0	-14.06	AV	295.20	100	Horizontal	Pass
5	13282.179	50.56	12.54	74.0	-23.44	Peak	137.30	100	Horizontal	Pass
5**	13282.179	39.83	12.54	54.0	-14.17	AV	137.30	100	Horizontal	Pass
6	17793.802	56.16	21.13	74.0	-17.84	Peak	285.80	100	Horizontal	Pass
6**	17793.802	46.42	21.13	54.0	-7.58	AV	285.80	100	Horizontal	Pass

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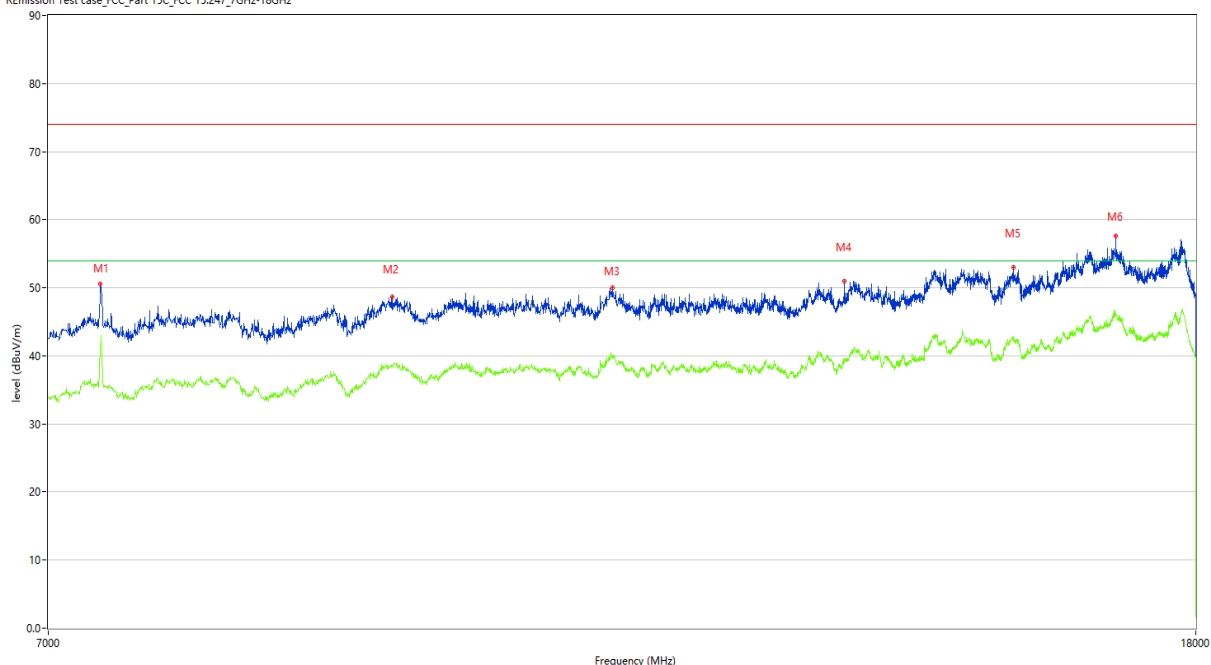
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7GHz-18GHz, Vertical

REmission Test case_FCC_Part 15C_FCC 15.247_7GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7307.923	50.60	3.00	74.0	-23.40	Peak	221.80	100	Vertical	Pass
1**	7307.923	40.91	3.00	54.0	-13.09	AV	221.80	100	Vertical	Pass
2	9292.927	48.63	9.04	74.0	-25.37	Peak	249.40	100	Vertical	Pass
2**	9292.927	38.64	9.04	54.0	-15.36	AV	249.40	100	Vertical	Pass
3	11140.465	49.95	10.78	74.0	-24.05	Peak	155.10	100	Vertical	Pass
3**	11140.465	39.99	10.78	54.0	-14.01	AV	155.10	100	Vertical	Pass
4	13480.130	51.03	13.43	74.0	-22.97	Peak	206.20	100	Vertical	Pass
4**	13480.130	39.30	13.43	54.0	-14.70	AV	206.20	100	Vertical	Pass
5	15487.128	53.06	15.30	74.0	-20.94	Peak	194.10	100	Vertical	Pass
5**	15487.128	42.42	15.30	54.0	-11.58	AV	194.10	100	Vertical	Pass
6	16850.787	57.62	20.49	74.0	-16.38	Peak	334.90	100	Vertical	Pass
6**	16850.787	45.95	20.49	54.0	-8.05	AV	334.90	100	Vertical	Pass

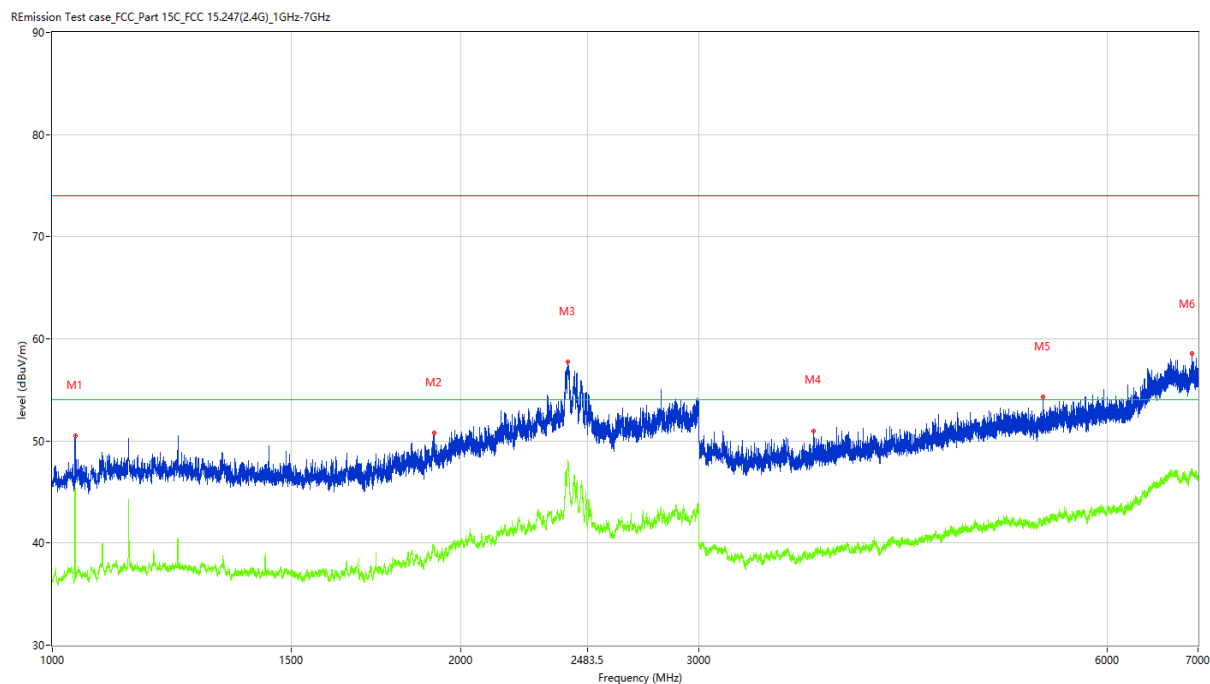
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Figure 42: Spurious Emission, 1GHz – 10th Harmonic, 802.11g, 2437MHz
1GHz-7GHz, Horizontal



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1039.495	50.52	-5.52	74.0	-23.48	Peak	340.20	100	Horizontal	Pass
1**	1039.495	45.38	-5.52	54.0	-8.62	AV	340.20	100	Horizontal	Pass
2	1912.886	50.78	-3.19	74.0	-23.22	Peak	193.10	100	Horizontal	Pass
2**	1912.886	39.10	-3.19	54.0	-14.90	AV	193.10	100	Horizontal	Pass
3	2400.825	57.73	5.34	74.0	-16.27	Peak	293.00	100	Horizontal	Pass
3**	2400.825	47.69	5.34	54.0	-6.31	AV	293.00	100	Horizontal	Pass
4	3640.920	51.00	-0.86	74.0	-23.00	Peak	0.10	100	Horizontal	Pass
4**	3640.920	38.30	-0.86	54.0	-15.70	AV	0.10	100	Horizontal	Pass
5	5383.702	54.30	1.46	74.0	-19.70	Peak	11.70	100	Horizontal	Pass
5**	5383.702	41.91	1.46	54.0	-12.09	AV	11.70	100	Horizontal	Pass
6	6932.008	58.53	5.71	74.0	-15.47	Peak	43.30	100	Horizontal	Pass
6**	6932.008	46.72	5.71	54.0	-7.28	AV	43.30	100	Horizontal	Pass

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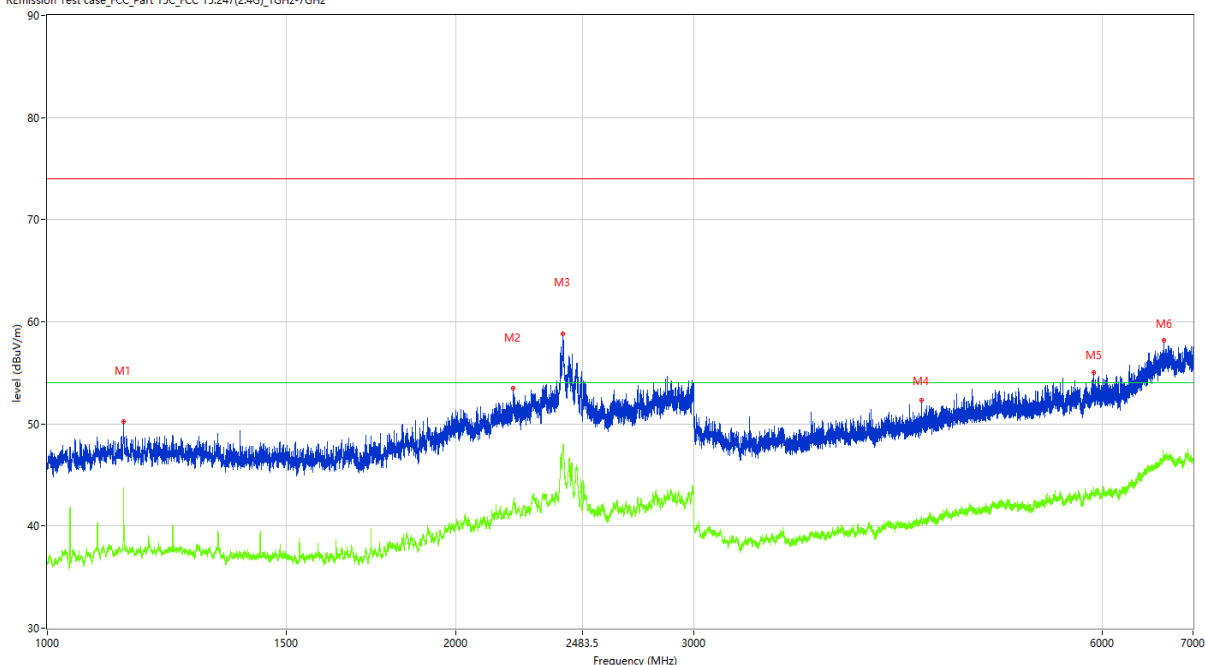
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1GHz-7GHz, Vertical

REmission Test case_FCC_Part 15C_FCC 15.247(2.4G)_1GHz-7GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1138.483	50.23	-3.96	74.0	-23.77	Peak	92.80	100	Vertical	Pass
1**	1138.483	43.71	-3.96	54.0	-10.29	AV	92.80	100	Vertical	Pass
2	2207.349	53.47	0.07	74.0	-20.53	Peak	330.30	100	Vertical	Pass
2**	2207.349	42.23	0.07	54.0	-11.77	AV	330.30	100	Vertical	Pass
3	2400.825	58.84	5.34	74.0	-15.16	Peak	180.20	100	Vertical	Pass
3**	2400.825	47.77	5.34	54.0	-6.23	AV	180.20	100	Vertical	Pass
4	4412.323	52.28	0.41	74.0	-21.72	Peak	163.10	100	Vertical	Pass
4**	4412.323	40.53	0.41	54.0	-13.47	AV	163.10	100	Vertical	Pass
5	5913.636	55.05	2.21	74.0	-18.95	Peak	116.90	100	Vertical	Pass
5**	5913.636	43.11	2.21	54.0	-10.89	AV	116.90	100	Vertical	Pass
6	6662.542	58.24	5.54	74.0	-15.76	Peak	101.90	100	Vertical	Pass
6**	6662.542	46.79	5.54	54.0	-7.21	AV	101.90	100	Vertical	Pass

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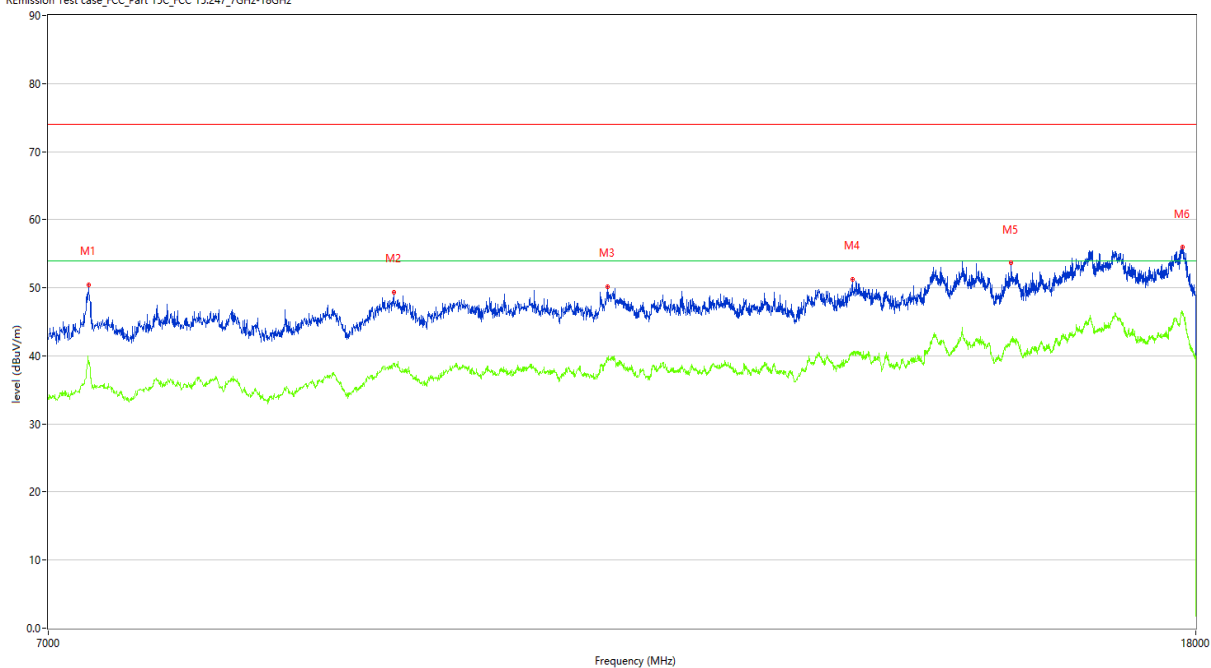
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7GHz-18GHz, Horizontal

REmission Test case_FCC_Part 15C_FCC 15.247_7GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7178.705	43.35	2.68	74.0	-30.65	Peak	245.20	100	Horizontal	Pass
1**	7178.705	34.71	2.68	54.0	-19.29	AV	245.20	100	Horizontal	Pass
2	9301.175	49.39	9.13	74.0	-24.61	Peak	90.80	100	Horizontal	Pass
2**	9301.175	38.92	9.13	54.0	-15.08	AV	90.80	100	Horizontal	Pass
3	11093.727	50.18	10.64	74.0	-23.82	Peak	41.70	100	Horizontal	Pass
3**	11093.727	39.51	10.64	54.0	-14.49	AV	41.70	100	Horizontal	Pass
4	13568.108	51.19	14.32	74.0	-22.81	Peak	217.60	100	Horizontal	Pass
4**	13568.108	40.40	14.32	54.0	-13.60	AV	217.60	100	Horizontal	Pass
5	15462.384	53.62	15.29	74.0	-20.38	Peak	268.90	100	Horizontal	Pass
5**	15462.384	42.38	15.29	54.0	-11.62	AV	268.90	100	Horizontal	Pass
6	17802.049	55.91	21.02	74.0	-18.09	Peak	132.80	100	Horizontal	Pass
6**	17802.049	46.44	21.02	54.0	-7.56	AV	132.80	100	Horizontal	Pass

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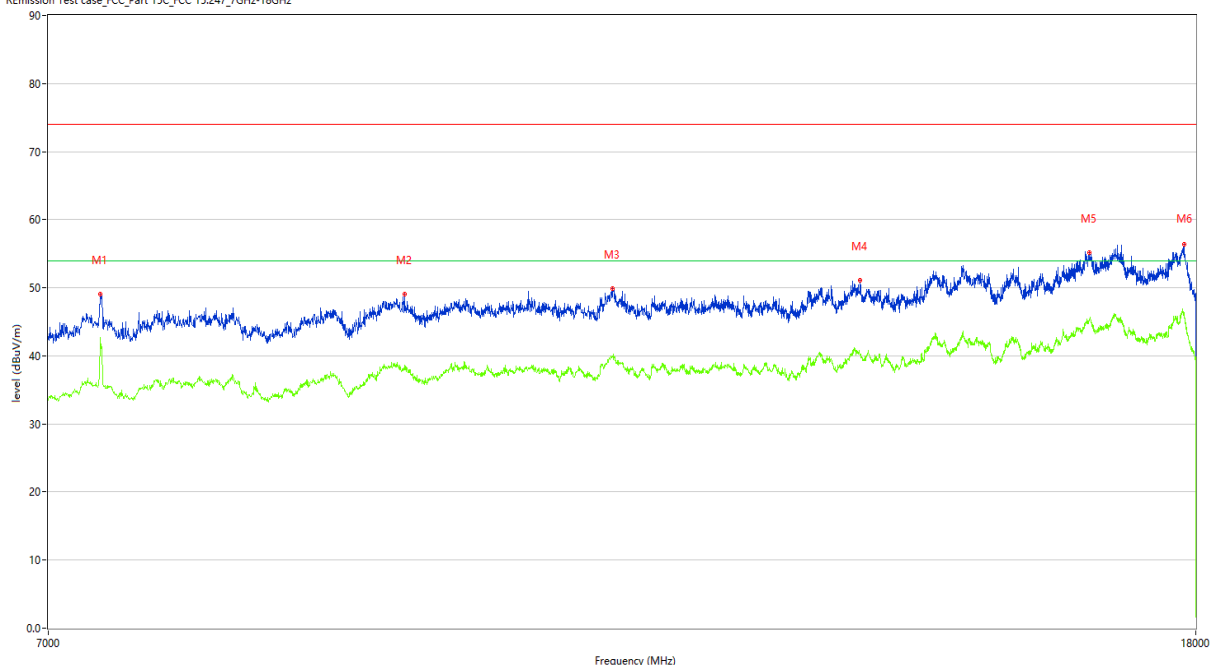
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7GHz-18GHz, Vertical

REmission Test case_FCC_Part 15C_FCC 15.247_7GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7307.923	49.02	3.00	74.0	-24.98	Peak	220.00	100	Vertical	Pass
1**	7307.923	42.65	3.00	54.0	-11.35	AV	220.00	100	Vertical	Pass
2	9383.654	49.02	9.91	74.0	-24.98	Peak	143.20	100	Vertical	Pass
2**	9383.654	38.58	9.91	54.0	-15.42	AV	143.20	100	Vertical	Pass
3	11140.465	49.83	10.78	74.0	-24.17	Peak	244.20	100	Vertical	Pass
3**	11140.465	39.90	10.78	54.0	-14.10	AV	244.20	100	Vertical	Pass
4	13656.086	51.11	13.88	74.0	-22.89	Peak	34.30	100	Vertical	Pass
4**	13656.086	40.07	13.88	54.0	-13.93	AV	34.30	100	Vertical	Pass
5	16485.129	55.20	20.52	74.0	-18.80	Peak	82.90	100	Vertical	Pass
5**	16485.129	45.21	20.52	54.0	-8.79	AV	82.90	100	Vertical	Pass
6	17824.044	56.35	20.19	74.0	-17.65	Peak	360.00	100	Vertical	Pass
6**	17824.044	45.93	20.19	54.0	-8.07	AV	360.00	100	Vertical	Pass

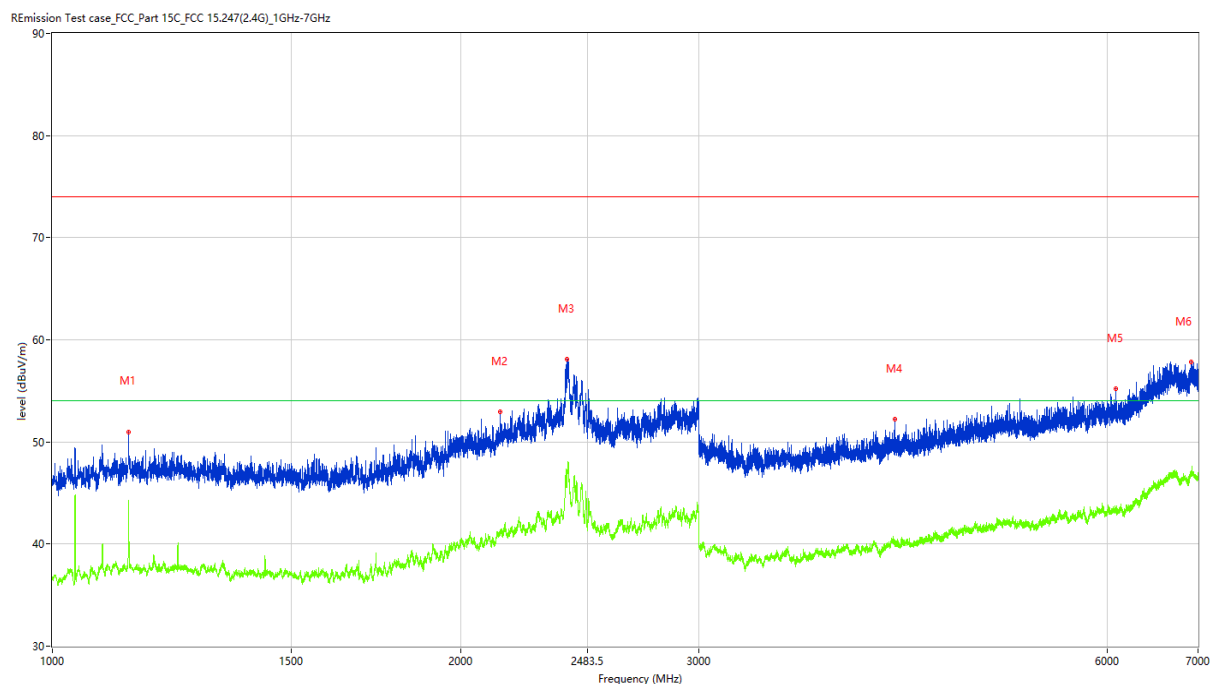
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Figure 43: Spurious Emission, 1GHz – 10th Harmonic, 802.11g, 2462MHz
1GHz-7GHz, Horizontal



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1138.233	51.00	-3.99	74.0	-23.00	Peak	184.00	100	Horizontal	Pass
1**	1138.233	44.25	-3.99	54.0	-9.75	AV	184.00	100	Horizontal	Pass
2	2141.107	52.93	-0.85	74.0	-21.07	Peak	327.40	100	Horizontal	Pass
2**	2141.107	41.39	-0.85	54.0	-12.61	AV	327.40	100	Horizontal	Pass
3	2398.325	58.08	5.44	74.0	-15.92	Peak	221.10	100	Horizontal	Pass
3**	2398.325	47.28	5.44	54.0	-6.72	AV	221.10	100	Horizontal	Pass
4	4181.852	52.20	-0.04	74.0	-21.80	Peak	54.40	100	Horizontal	Pass
4**	4181.852	40.02	-0.04	54.0	-13.98	AV	54.40	100	Horizontal	Pass
5	6087.114	55.23	2.68	74.0	-18.77	Peak	64.00	100	Horizontal	Pass
5**	6087.114	43.17	2.68	54.0	-10.83	AV	64.00	100	Horizontal	Pass
6	6922.510	57.81	5.73	74.0	-16.19	Peak	73.40	100	Horizontal	Pass
6**	6922.510	46.92	5.73	54.0	-7.08	AV	73.40	100	Horizontal	Pass

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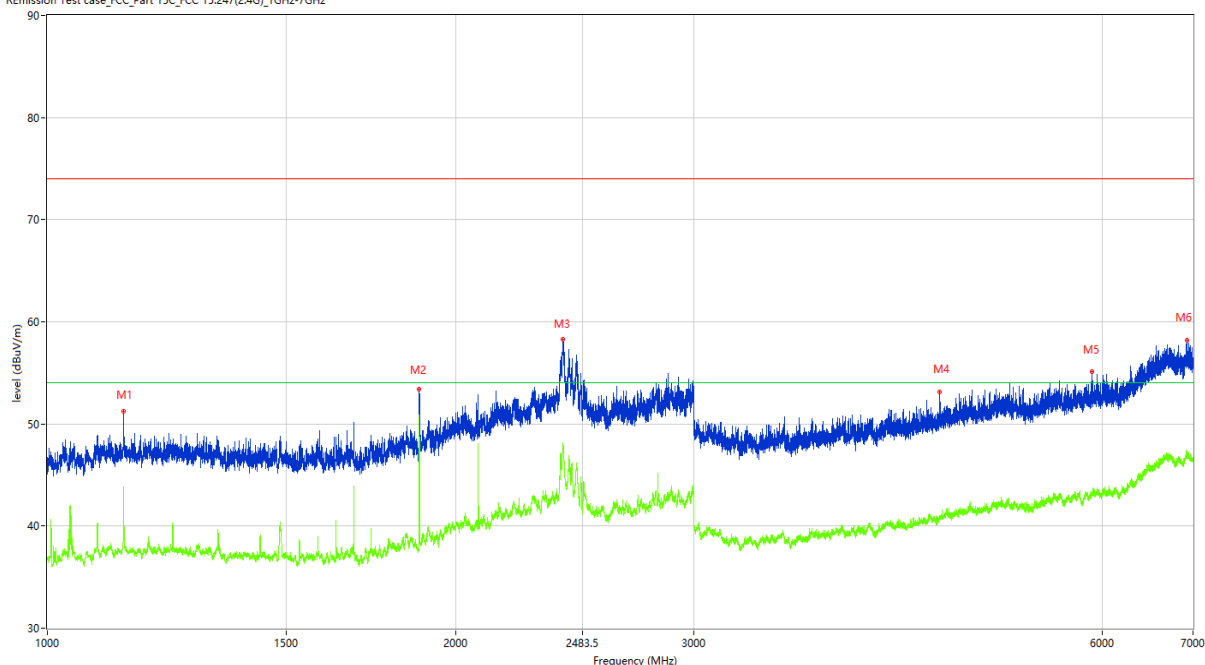
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1GHz-7GHz, Vertical

REmission Test case_FCC_Part 15C_FCC 15.247(2.4G)_1GHz-7GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1138.233	51.28	-3.99	74.0	-22.72	Peak	111.60	100	Vertical	Pass
1**	1138.233	43.80	-3.99	54.0	-10.20	AV	111.60	100	Vertical	Pass
2	1880.890	53.40	-3.99	74.0	-20.60	Peak	271.80	100	Vertical	Pass
2**	1880.890	50.84	-3.99	54.0	-3.16	AV	271.80	100	Vertical	Pass
3	2400.825	58.30	5.34	74.0	-15.70	Peak	127.20	100	Vertical	Pass
3**	2400.825	48.12	5.34	54.0	-5.88	AV	127.20	100	Vertical	Pass
4	4551.806	53.13	0.81	74.0	-20.87	Peak	185.40	100	Vertical	Pass
4**	4551.806	40.65	0.81	54.0	-13.35	AV	185.40	100	Vertical	Pass
5	5893.638	55.13	2.16	74.0	-18.87	Peak	42.30	100	Vertical	Pass
5**	5893.638	43.27	2.16	54.0	-10.73	AV	42.30	100	Vertical	Pass
6	6929.509	58.20	5.72	74.0	-15.80	Peak	8.20	100	Vertical	Pass
6**	6929.509	47.30	5.72	54.0	-6.70	AV	8.20	100	Vertical	Pass

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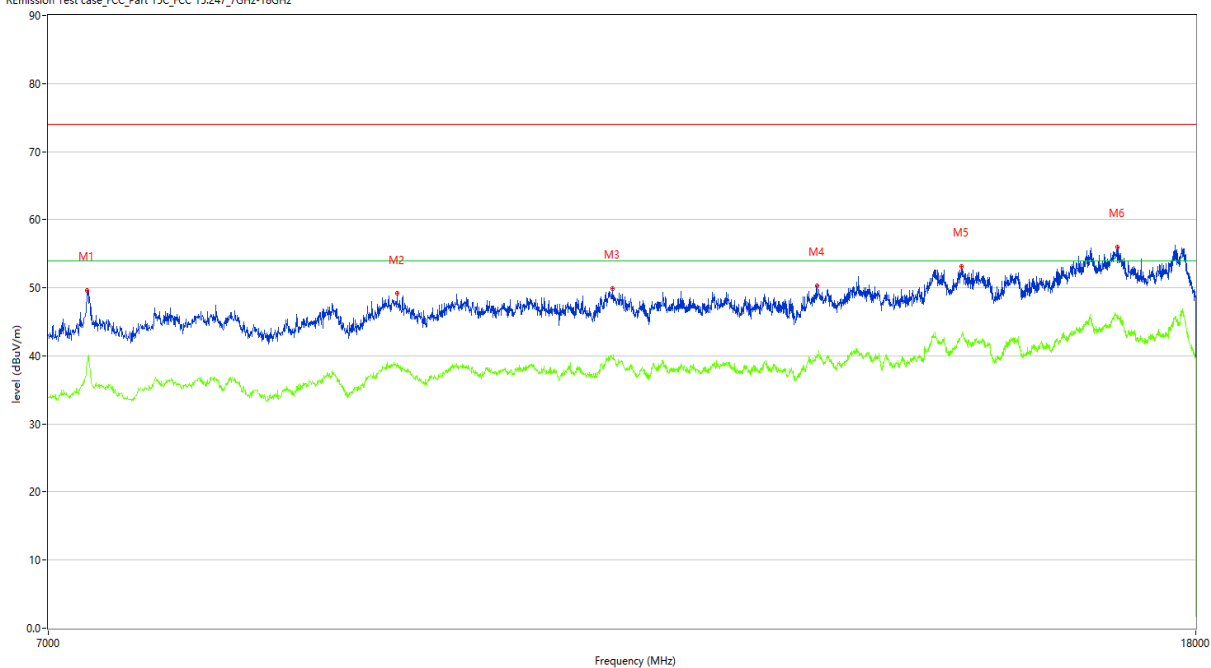
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7GHz-18GHz, Horizontal

REmission Test case_FCC_Part 15C_FCC 15.247_7GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7175.956	43.01	2.66	74.0	-30.99	Peak	1.50	100	Horizontal	Pass
1**	7175.956	34.25	2.66	54.0	-19.75	AV	1.50	100	Horizontal	Pass
2	9328.668	49.14	9.52	74.0	-24.86	Peak	234.00	100	Horizontal	Pass
2**	9328.668	38.75	9.52	54.0	-15.25	AV	234.00	100	Horizontal	Pass
3	11134.966	49.92	10.76	74.0	-24.08	Peak	0.60	100	Horizontal	Pass
3**	11134.966	39.55	10.76	54.0	-14.45	AV	0.60	100	Horizontal	Pass
4	13180.455	50.35	12.27	74.0	-23.65	Peak	188.50	100	Horizontal	Pass
4**	13180.455	39.98	12.27	54.0	-14.02	AV	188.50	100	Horizontal	Pass
5	14846.538	53.09	18.21	74.0	-20.91	Peak	287.40	100	Horizontal	Pass
5**	14846.538	43.13	18.21	54.0	-10.87	AV	287.40	100	Horizontal	Pass
6	16870.032	55.98	20.29	74.0	-18.02	Peak	39.20	100	Horizontal	Pass
6**	16870.032	45.68	20.29	54.0	-8.32	AV	39.20	100	Horizontal	Pass

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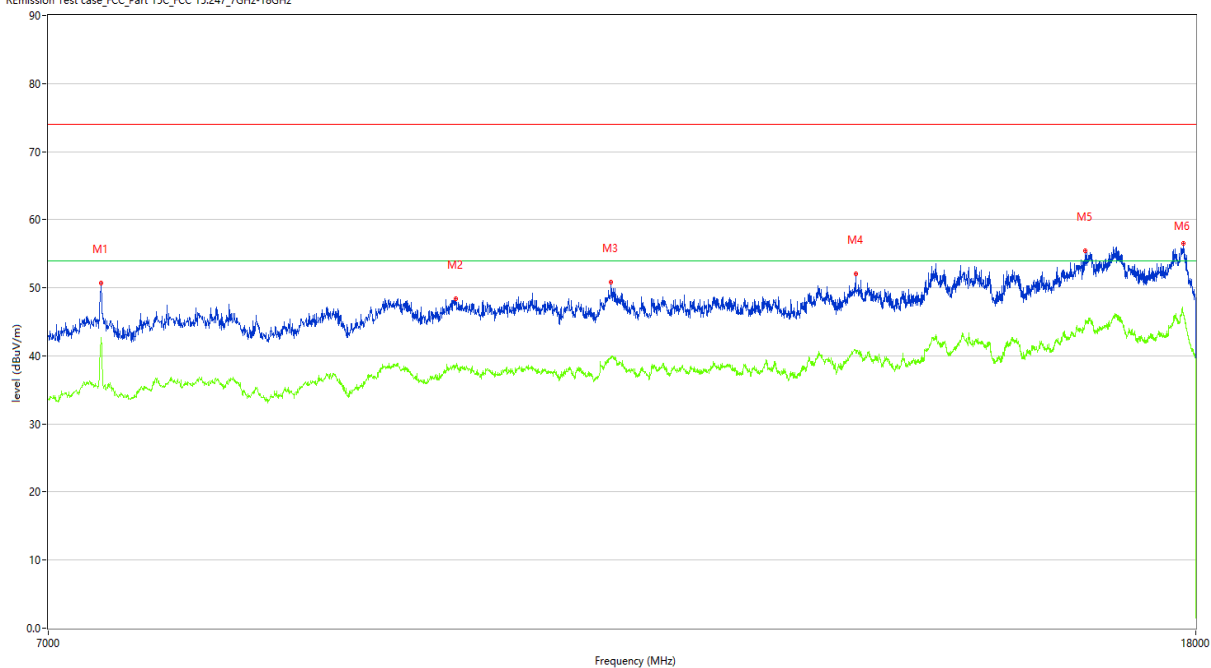
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7GHz-18GHz, Vertical

REmission Test case_FCC_Part 15C_FCC 15.247_7GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7310.672	50.75	3.01	74.0	-23.25	Peak	25.70	100	Vertical	Pass
1**	7310.672	42.65	3.01	54.0	-11.35	AV	25.70	100	Vertical	Pass
2	9787.803	48.40	9.64	74.0	-25.60	Peak	180.20	100	Vertical	Pass
2**	9787.803	38.69	9.64	54.0	-15.31	AV	180.20	100	Vertical	Pass
3	11123.969	50.82	10.71	74.0	-23.18	Peak	31.90	100	Vertical	Pass
3**	11123.969	39.79	10.71	54.0	-14.21	AV	31.90	100	Vertical	Pass
4	13603.849	52.05	14.59	74.0	-21.95	Peak	0.20	100	Vertical	Pass
4**	13603.849	40.78	14.59	54.0	-13.22	AV	0.20	100	Vertical	Pass
5	16435.641	55.45	19.60	74.0	-18.55	Peak	107.50	100	Vertical	Pass
5**	16435.641	45.26	19.60	54.0	-8.74	AV	107.50	100	Vertical	Pass
6	17815.796	56.59	20.50	74.0	-17.41	Peak	307.70	100	Vertical	Pass
6**	17815.796	46.05	20.50	54.0	-7.95	AV	307.70	100	Vertical	Pass

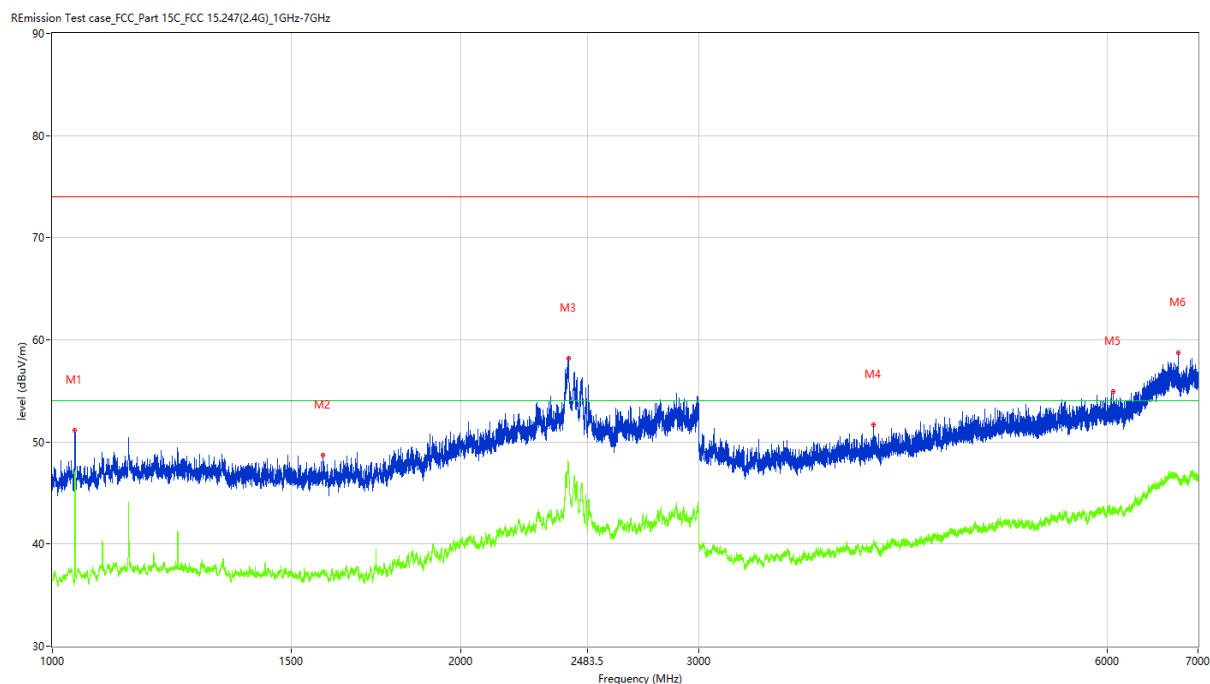
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Figure 44: Spurious Emission, 1GHz – 10th Harmonic, 802.11n(HT20), 2412MHz
1GHz-7GHz, Horizontal



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1039.245	51.11	-5.60	74.0	-22.89	Peak	142.70	100	Horizontal	Pass
1**	1039.245	46.90	-5.60	54.0	-7.10	AV	142.70	100	Horizontal	Pass
2	1583.927	48.66	-5.14	74.0	-25.34	Peak	1.20	100	Horizontal	Pass
2**	1583.927	37.29	-5.14	54.0	-16.71	AV	1.20	100	Horizontal	Pass
3	2403.075	58.16	5.25	74.0	-15.84	Peak	4.70	100	Horizontal	Pass
3**	2403.075	47.16	5.25	54.0	-6.84	AV	4.70	100	Horizontal	Pass
4	4034.871	51.72	-0.11	74.0	-22.28	Peak	212.20	100	Horizontal	Pass
4**	4034.871	39.93	-0.11	54.0	-14.07	AV	212.20	100	Horizontal	Pass
5	6062.117	54.92	2.65	74.0	-19.08	Peak	351.30	100	Horizontal	Pass
5**	6062.117	42.88	2.65	54.0	-11.12	AV	351.30	100	Horizontal	Pass
6	6770.529	58.73	5.55	74.0	-15.27	Peak	0.00	100	Horizontal	Pass
6**	6770.529	46.41	5.55	54.0	-7.59	AV	0.00	100	Horizontal	Pass

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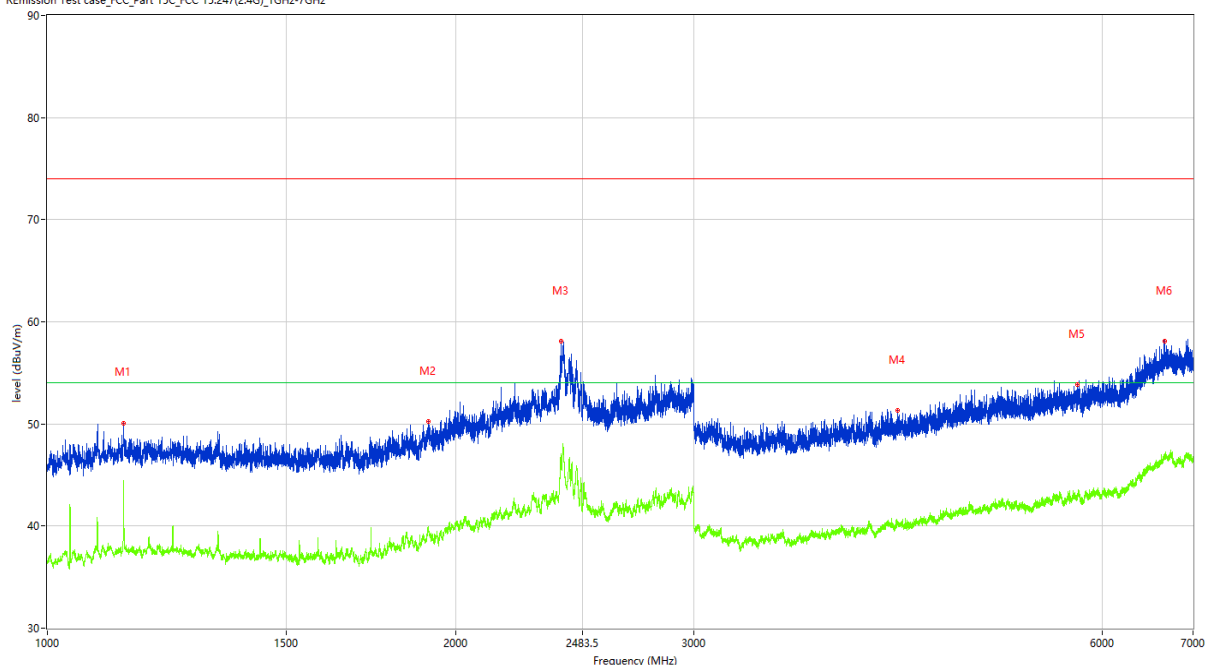
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1GHz-7GHz, Vertical

REmission Test case_FCC_Part 15C_FCC 15.247(2.4G)_1GHz-7GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1138.483	50.08	-3.96	74.0	-23.92	Peak	106.00	100	Vertical	Pass
1**	1138.483	43.88	-3.96	54.0	-10.12	AV	106.00	100	Vertical	Pass
2	1908.886	50.22	-2.85	74.0	-23.78	Peak	360.00	100	Vertical	Pass
2**	1908.886	39.47	-2.85	54.0	-14.53	AV	360.00	100	Vertical	Pass
3	2392.076	58.10	5.32	74.0	-15.90	Peak	183.90	100	Vertical	Pass
3**	2392.076	46.99	5.32	54.0	-7.01	AV	183.90	100	Vertical	Pass
4	4240.345	51.34	-0.04	74.0	-22.66	Peak	0.00	100	Vertical	Pass
4**	4240.345	39.51	-0.04	54.0	-14.49	AV	0.00	100	Vertical	Pass
5	5756.155	53.81	2.16	74.0	-20.19	Peak	0.20	100	Vertical	Pass
5**	5756.155	42.66	2.16	54.0	-11.34	AV	0.20	100	Vertical	Pass
6	6673.041	58.10	5.66	74.0	-15.90	Peak	14.90	100	Vertical	Pass
6**	6673.041	46.74	5.66	54.0	-7.26	AV	14.90	100	Vertical	Pass

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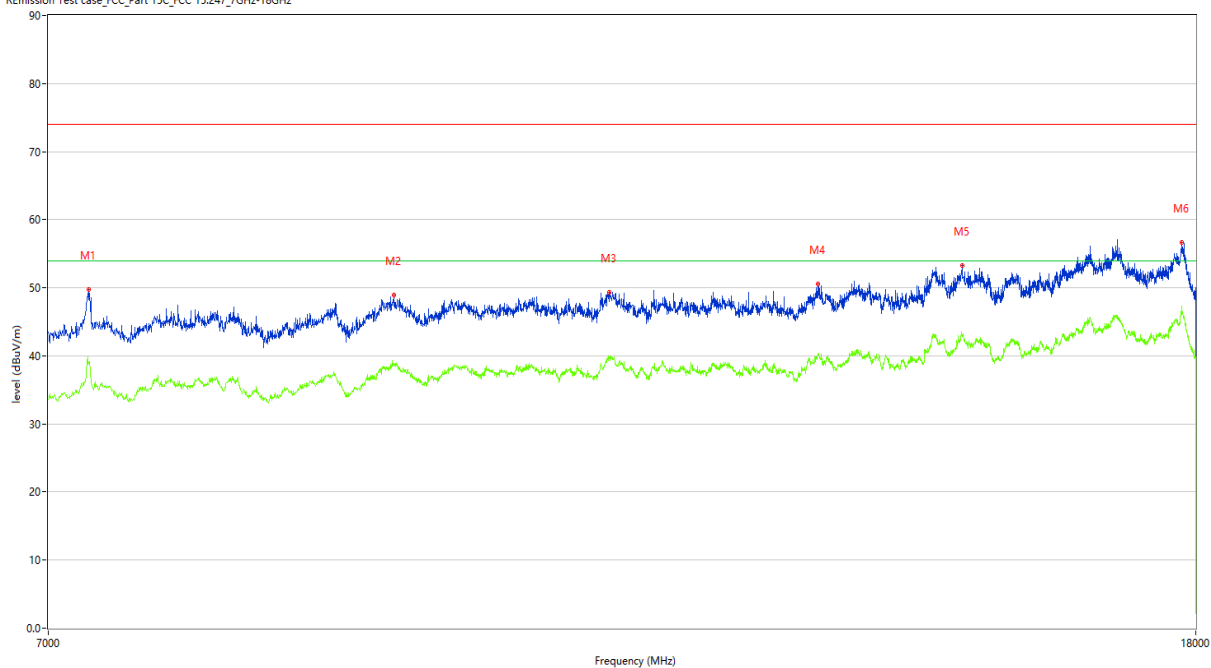
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7GHz-18GHz, Horizontal

REmission Test case_FCC_Part 15C_FCC 15.247_7GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7225.444	48.07	2.83	74.0	-25.93	Peak	0.00	100	Horizontal	Pass
1**	7225.444	38.91	2.83	54.0	-15.09	AV	0.00	100	Horizontal	Pass
2	9303.924	48.90	9.17	74.0	-25.10	Peak	0.00	100	Horizontal	Pass
2**	9303.924	38.77	9.17	54.0	-15.23	AV	0.00	100	Horizontal	Pass
3	11104.724	49.39	10.61	74.0	-24.61	Peak	299.90	100	Horizontal	Pass
3**	11104.724	39.55	10.61	54.0	-14.45	AV	299.90	100	Horizontal	Pass
4	13191.452	50.51	12.33	74.0	-23.49	Peak	197.20	100	Horizontal	Pass
4**	13191.452	40.11	12.33	54.0	-13.89	AV	197.20	100	Horizontal	Pass
5	14854.786	53.24	18.14	74.0	-20.76	Peak	120.10	100	Horizontal	Pass
5**	14854.786	43.10	18.14	54.0	-10.90	AV	120.10	100	Horizontal	Pass
6	17791.052	56.71	21.14	74.0	-17.29	Peak	172.20	100	Horizontal	Pass
6**	17791.052	46.32	21.14	54.0	-7.68	AV	172.20	100	Horizontal	Pass

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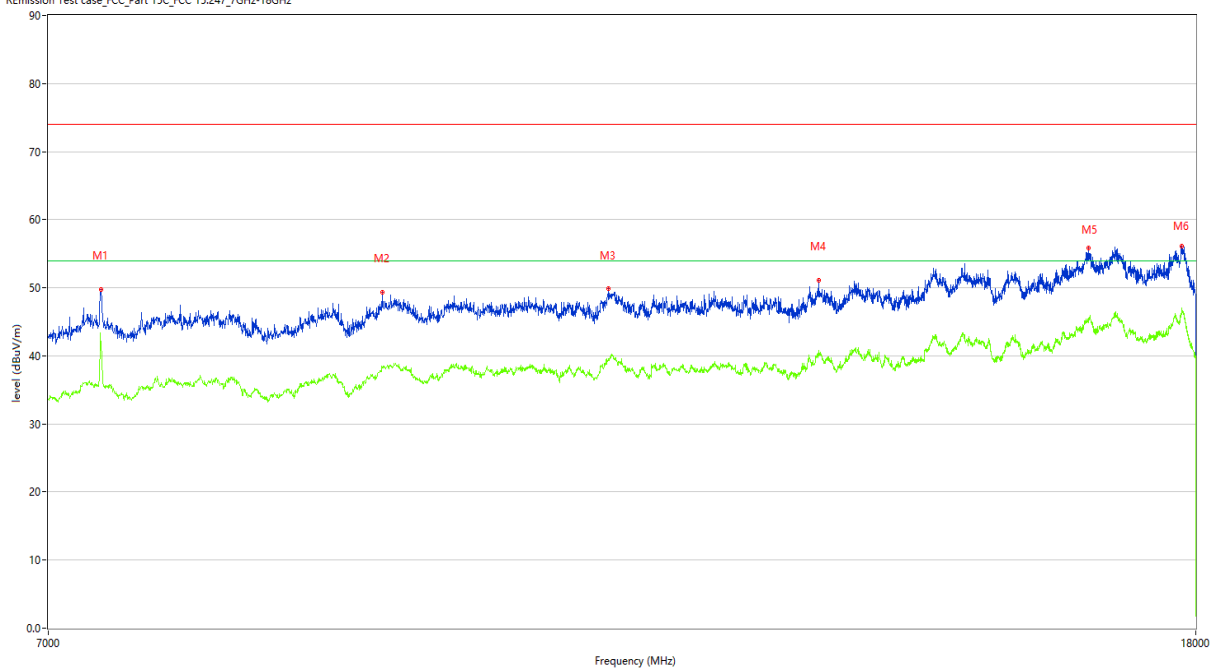
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7GHz-18GHz, Vertical

REmission Test case_FCC_Part 15C_FCC 15.247_7GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7310.672	49.71	3.01	74.0	-24.29	Peak	227.60	100	Vertical	Pass
1**	7310.672	41.12	3.01	54.0	-12.88	AV	227.60	100	Vertical	Pass
2	9213.197	49.34	8.51	74.0	-24.66	Peak	310.90	100	Vertical	Pass
2**	9213.197	38.38	8.51	54.0	-15.62	AV	310.90	100	Vertical	Pass
3	11101.975	49.82	10.60	74.0	-24.18	Peak	50.40	100	Vertical	Pass
3**	11101.975	39.48	10.60	54.0	-14.52	AV	50.40	100	Vertical	Pass
4	13199.700	51.16	12.37	74.0	-22.84	Peak	87.00	100	Vertical	Pass
4**	13199.700	40.02	12.37	54.0	-13.98	AV	87.00	100	Vertical	Pass
5	16479.630	55.81	20.40	74.0	-18.19	Peak	341.70	100	Vertical	Pass
5**	16479.630	44.82	20.40	54.0	-9.18	AV	341.70	100	Vertical	Pass
6	17788.303	56.05	21.15	74.0	-17.95	Peak	237.00	100	Vertical	Pass
6**	17788.303	46.05	21.15	54.0	-7.95	AV	237.00	100	Vertical	Pass

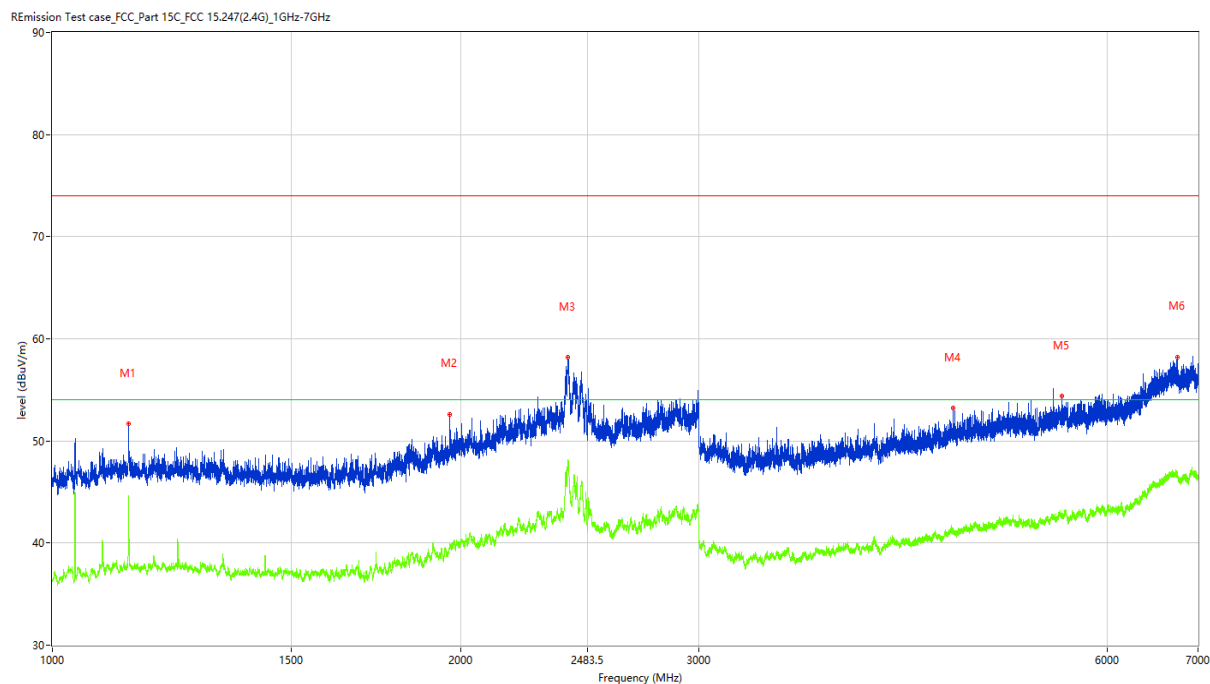
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Figure 45: Spurious Emission, 1GHz – 10th Harmonic, 802.11n(HT20), 2437MHz
1GHz-7GHz, Horizontal



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1138.733	51.71	-3.92	74.0	-22.29	Peak	47.40	100	Horizontal	Pass
1**	1138.733	43.41	-3.92	54.0	-10.59	AV	47.40	100	Horizontal	Pass
2	1963.630	52.63	-2.71	74.0	-21.37	Peak	287.10	100	Horizontal	Pass
2**	1963.630	39.46	-2.71	54.0	-14.54	AV	287.10	100	Horizontal	Pass
3	2401.075	58.19	5.33	74.0	-15.81	Peak	358.90	100	Horizontal	Pass
3**	2401.075	47.70	5.33	54.0	-6.30	AV	358.90	100	Horizontal	Pass
4	4620.797	53.24	0.88	74.0	-20.76	Peak	61.60	100	Horizontal	Pass
4**	4620.797	40.82	0.88	54.0	-13.18	AV	61.60	100	Horizontal	Pass
5	5556.680	54.44	1.93	74.0	-19.56	Peak	55.10	100	Horizontal	Pass
5**	5556.680	42.40	1.93	54.0	-11.60	AV	55.10	100	Horizontal	Pass
6	6757.030	58.22	5.63	74.0	-15.78	Peak	30.20	100	Horizontal	Pass
6**	6757.030	46.44	5.63	54.0	-7.56	AV	30.20	100	Horizontal	Pass

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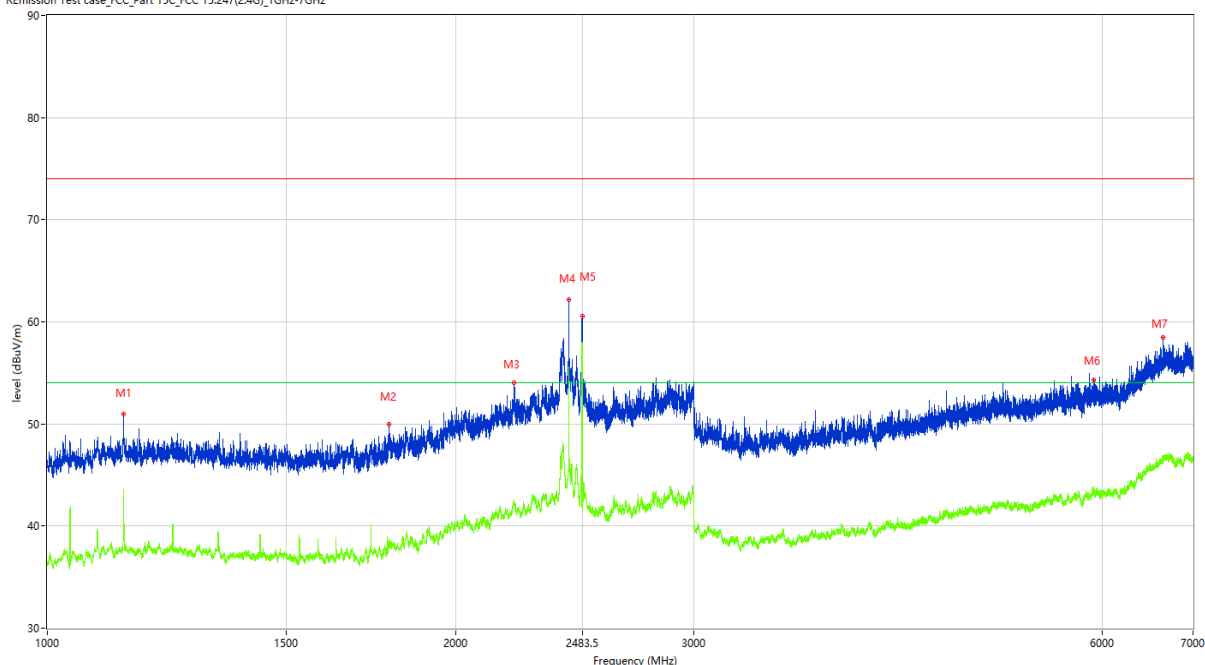
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1GHz-7GHz, Vertical

REmission Test case_FCC_Part 15C_FCC 15.247(2.4G)_1GHz-7GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1138.233	50.92	-3.99	74.0	-23.08	Peak	117.00	100	Vertical	Pass
1**	1138.233	43.42	-3.99	54.0	-10.58	AV	117.00	100	Vertical	Pass
2	1787.652	50.00	-4.20	74.0	-24.00	Peak	54.50	100	Vertical	Pass
2**	1787.652	38.72	-4.20	54.0	-15.28	AV	54.50	100	Vertical	Pass
3	2208.349	54.06	0.10	74.0	-19.94	Peak	29.60	100	Vertical	Pass
3**	2208.349	42.35	0.10	54.0	-11.65	AV	29.60	100	Vertical	Pass
4	2425.072	62.15	4.39	74.0	-11.85	Peak	335.40	100	Vertical	Pass
4**	2425.072	49.34	4.39	54.0	-4.66	AV	335.40	100	Vertical	Pass
5	2480.065	60.51	2.24	74.0	-13.49	Peak	41.90	100	Vertical	Pass
5**	2480.065	57.98	2.24	54.0	3.98	AV	41.90	100	Vertical	N.A
6	5916.135	54.27	2.22	74.0	-19.73	Peak	341.40	100	Vertical	Pass
6**	5916.135	43.19	2.22	54.0	-10.81	AV	341.40	100	Vertical	Pass
7	6653.543	58.42	5.44	74.0	-15.58	Peak	359.80	100	Vertical	Pass
7**	6653.543	46.45	5.44	54.0	-7.55	AV	359.80	100	Vertical	Pass

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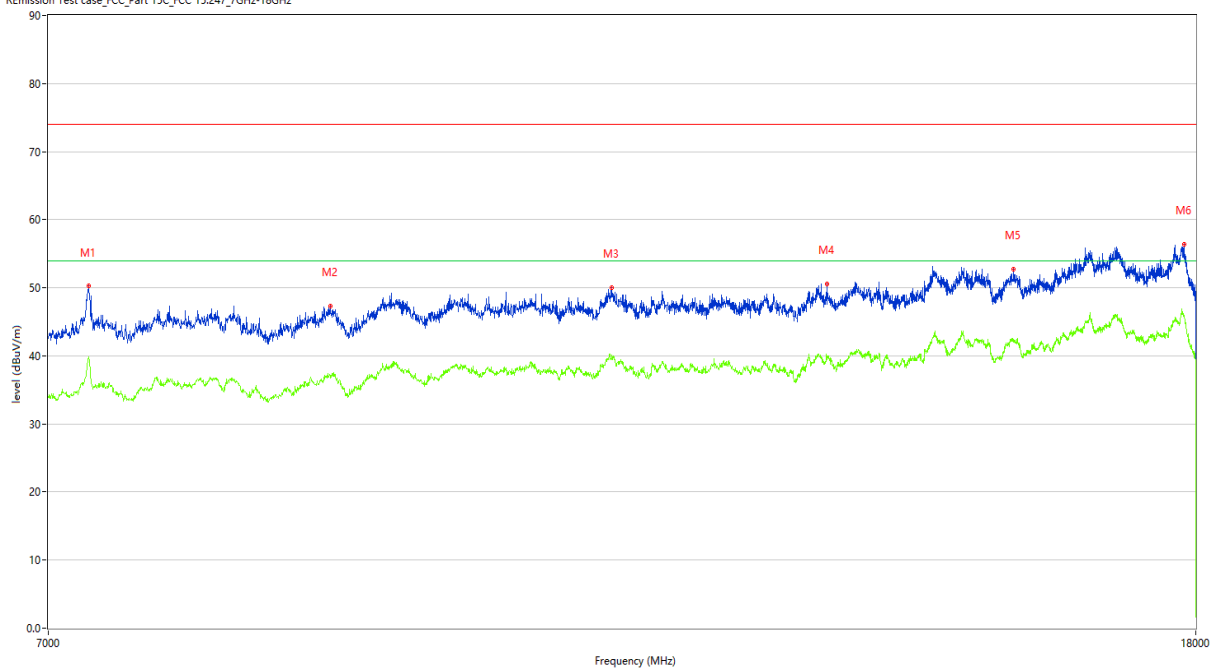
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7GHz-18GHz, Horizontal

REmission Test case_FCC_Part 15C_FCC 15.247_7GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7189.703	45.01	2.77	74.0	-28.99	Peak	176.20	100	Horizontal	Pass
1**	7189.703	35.85	2.77	54.0	-18.15	AV	176.20	100	Horizontal	Pass
2	8828.293	47.35	7.22	74.0	-26.65	Peak	121.10	100	Horizontal	Pass
2**	8828.293	37.15	7.22	54.0	-16.85	AV	121.10	100	Horizontal	Pass
3	11126.718	50.07	10.72	74.0	-23.93	Peak	164.10	100	Horizontal	Pass
3**	11126.718	39.48	10.72	54.0	-14.52	AV	164.10	100	Horizontal	Pass
4	13284.929	50.53	12.56	74.0	-23.47	Peak	215.50	100	Horizontal	Pass
4**	13284.929	39.86	12.56	54.0	-14.14	AV	215.50	100	Horizontal	Pass
5	15492.627	52.68	15.31	74.0	-21.32	Peak	191.50	100	Horizontal	Pass
5**	15492.627	42.30	15.31	54.0	-11.70	AV	191.50	100	Horizontal	Pass
6	17826.793	56.44	20.09	74.0	-17.56	Peak	307.70	100	Horizontal	Pass
6**	17826.793	45.52	20.09	54.0	-8.48	AV	307.70	100	Horizontal	Pass

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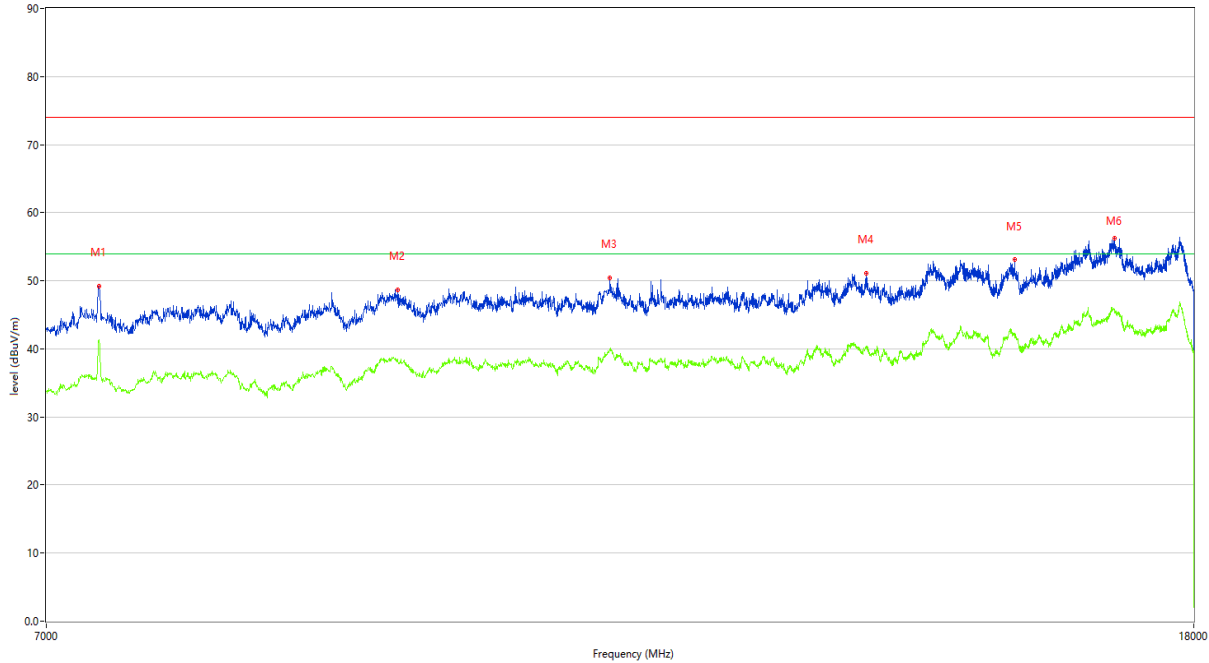
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7GHz-18GHz, Vertical

REmission Test case_FCC_Part 15C_FCC 15.247_7GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7310.672	49.24	3.01	74.0	-24.76	Peak	23.60	100	Vertical	Pass
1**	7310.672	41.39	3.01	54.0	-12.61	AV	23.60	100	Vertical	Pass
2	9345.164	48.65	9.75	74.0	-25.35	Peak	0.00	100	Vertical	Pass
2**	9345.164	38.56	9.75	54.0	-15.44	AV	0.00	100	Vertical	Pass
3	11129.468	50.42	10.73	74.0	-23.58	Peak	220.70	100	Vertical	Pass
3**	11129.468	39.92	10.73	54.0	-14.08	AV	220.70	100	Vertical	Pass
4	13744.064	51.09	13.62	74.0	-22.91	Peak	69.40	100	Vertical	Pass
4**	13744.064	40.42	13.62	54.0	-13.58	AV	69.40	100	Vertical	Pass
5	15533.867	53.07	15.49	74.0	-20.93	Peak	360.00	100	Vertical	Pass
5**	15533.867	42.27	15.49	54.0	-11.73	AV	360.00	100	Vertical	Pass
6	16859.035	56.29	20.41	74.0	-17.71	Peak	75.80	100	Vertical	Pass
6**	16859.035	45.78	20.41	54.0	-8.22	AV	75.80	100	Vertical	Pass

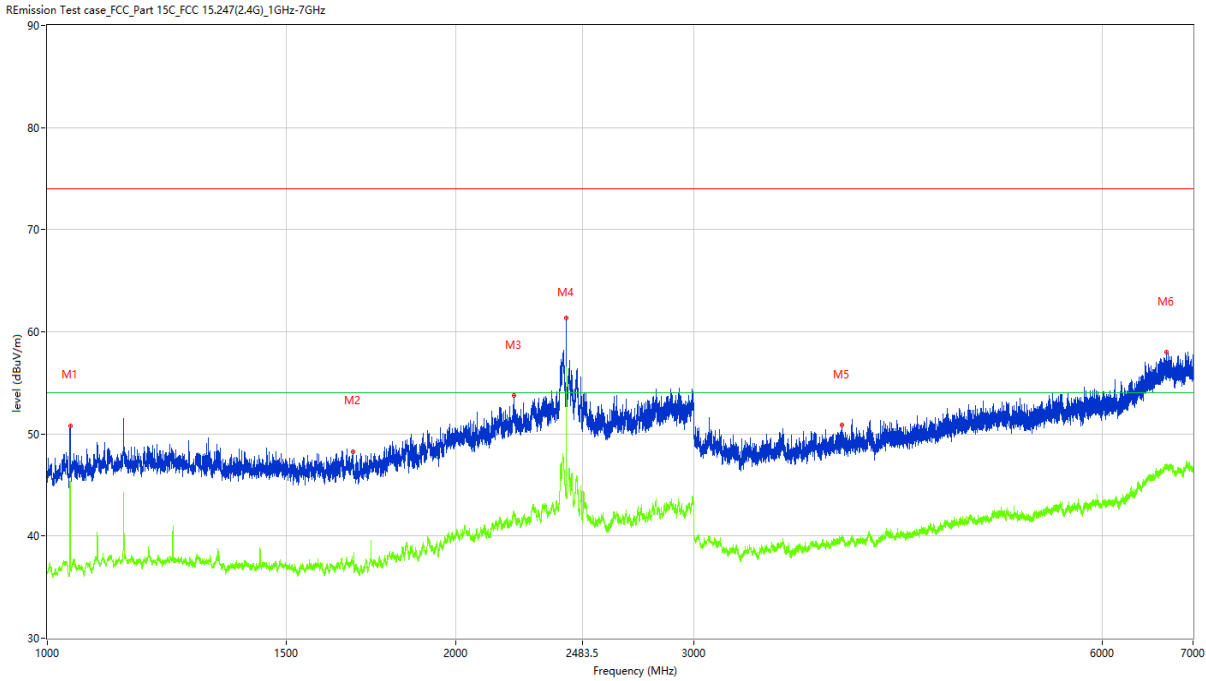
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Figure 46: Spurious Emission, 1GHz – 10th Harmonic, 802.11n(HT20), 2462MHz
1GHz-7GHz, Horizontal



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1039.495	50.74	-5.52	74.0	-23.26	Peak	155.60	100	Horizontal	Pass
1**	1039.495	45.37	-5.52	54.0	-8.63	AV	155.60	100	Horizontal	Pass
2	1679.665	48.29	-4.90	74.0	-25.71	Peak	174.40	100	Horizontal	Pass
2**	1679.665	37.21	-4.90	54.0	-16.79	AV	174.40	100	Horizontal	Pass
3	2207.599	53.72	0.11	74.0	-20.28	Peak	143.30	100	Horizontal	Pass
3**	2207.599	42.41	0.11	54.0	-11.59	AV	143.30	100	Horizontal	Pass
4	2415.073	61.40	4.78	74.0	-12.60	Peak	321.20	100	Horizontal	Pass
4**	2415.073	56.60	4.78	54.0	2.60	AV	321.20	100	Horizontal	N.A
5	3856.893	50.84	-0.51	74.0	-23.16	Peak	0.20	100	Horizontal	Pass
5**	3856.893	39.64	-0.51	54.0	-14.36	AV	0.20	100	Horizontal	Pass
6	6693.538	58.04	5.90	74.0	-15.96	Peak	253.80	100	Horizontal	Pass
6**	6693.538	47.10	5.90	54.0	-6.90	AV	253.80	100	Horizontal	Pass

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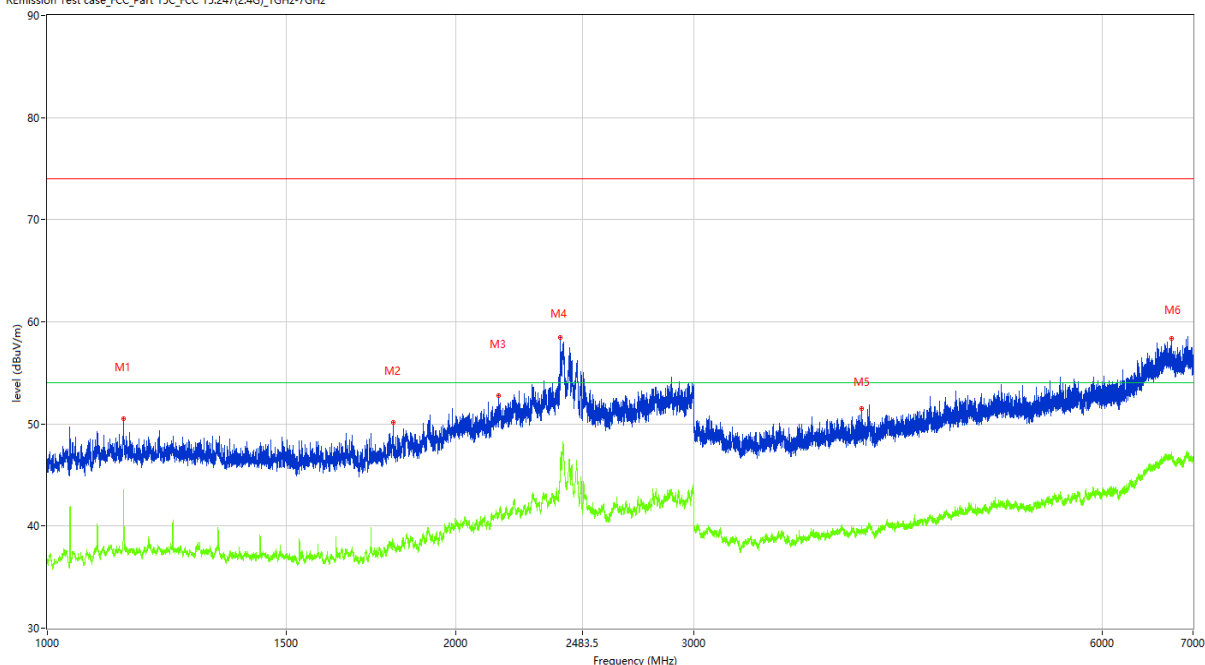
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1GHz-7GHz, Vertical

REmission Test case_FCC_Part 15C_FCC 15.247(2.4G)_1GHz-7GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1138.733	50.55	-3.92	74.0	-23.45	Peak	149.50	100	Vertical	Pass
1**	1138.733	43.13	-3.92	54.0	-10.87	AV	149.50	100	Vertical	Pass
2	1800.400	50.18	-4.38	74.0	-23.82	Peak	205.80	100	Vertical	Pass
2**	1800.400	38.23	-4.38	54.0	-15.77	AV	205.80	100	Vertical	Pass
3	2153.356	52.81	-0.88	74.0	-21.19	Peak	190.30	100	Vertical	Pass
3**	2153.356	41.27	-0.88	54.0	-12.73	AV	190.30	100	Vertical	Pass
4	2391.076	58.48	4.69	74.0	-15.52	Peak	175.00	100	Vertical	Pass
4**	2391.076	46.49	4.69	54.0	-7.51	AV	175.00	100	Vertical	Pass
5	3986.377	51.55	-0.17	74.0	-22.45	Peak	148.00	100	Vertical	Pass
5**	3986.377	39.74	-0.17	54.0	-14.26	AV	148.00	100	Vertical	Pass
6	6750.531	58.34	5.67	74.0	-15.66	Peak	23.70	100	Vertical	Pass
6**	6750.531	46.71	5.67	54.0	-7.29	AV	23.70	100	Vertical	Pass

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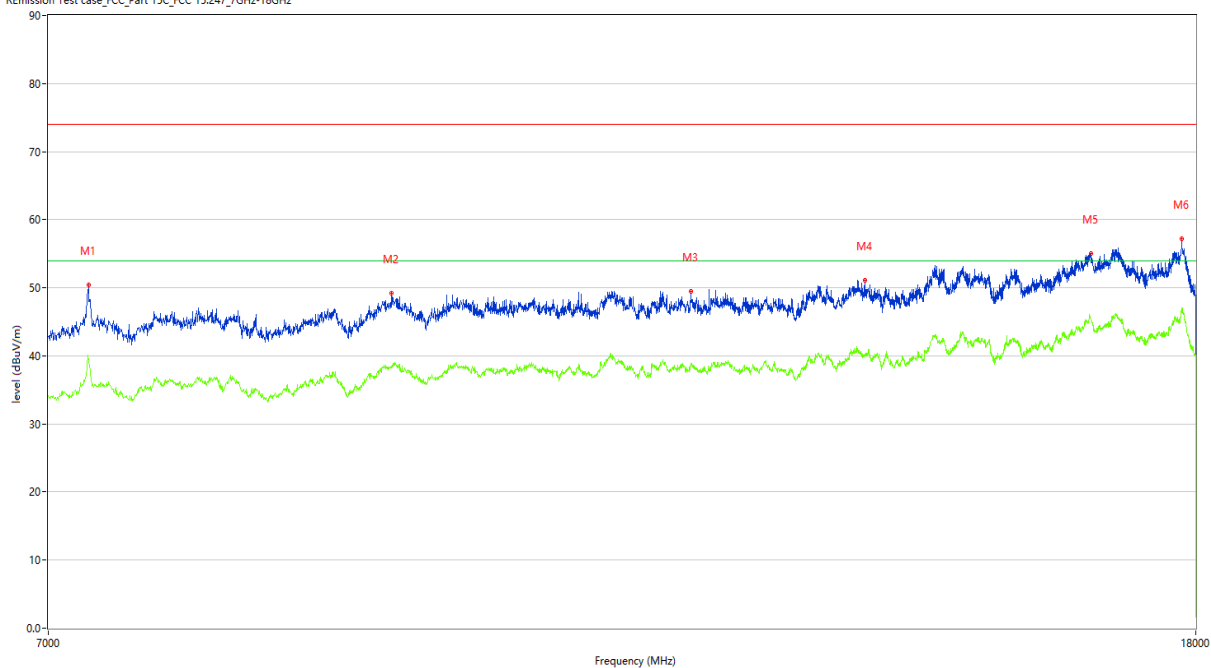
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7GHz-18GHz, Horizontal

REmission Test case_FCC_Part 15C_FCC 15.247_7GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7189.703	44.80	2.77	74.0	-29.20	Peak	14.80	100	Horizontal	Pass
1**	7189.703	36.02	2.77	54.0	-17.98	AV	14.80	100	Horizontal	Pass
2	9287.428	49.26	8.98	74.0	-24.74	Peak	158.10	100	Horizontal	Pass
2**	9287.428	38.25	8.98	54.0	-15.75	AV	158.10	100	Horizontal	Pass
3	11880.030	49.48	9.93	74.0	-24.52	Peak	140.10	100	Horizontal	Pass
3**	11880.030	38.72	9.93	54.0	-15.28	AV	140.10	100	Horizontal	Pass
4	13708.323	51.15	13.47	74.0	-22.85	Peak	127.70	100	Horizontal	Pass
4**	13708.323	39.98	13.47	54.0	-14.02	AV	127.70	100	Horizontal	Pass
5	16515.371	55.04	20.19	74.0	-18.96	Peak	33.80	100	Horizontal	Pass
5**	16515.371	45.36	20.19	54.0	-8.64	AV	33.80	100	Horizontal	Pass
6	17793.802	57.18	21.13	74.0	-16.82	Peak	118.30	100	Horizontal	Pass
6**	17793.802	46.38	21.13	54.0	-7.62	AV	118.30	100	Horizontal	Pass

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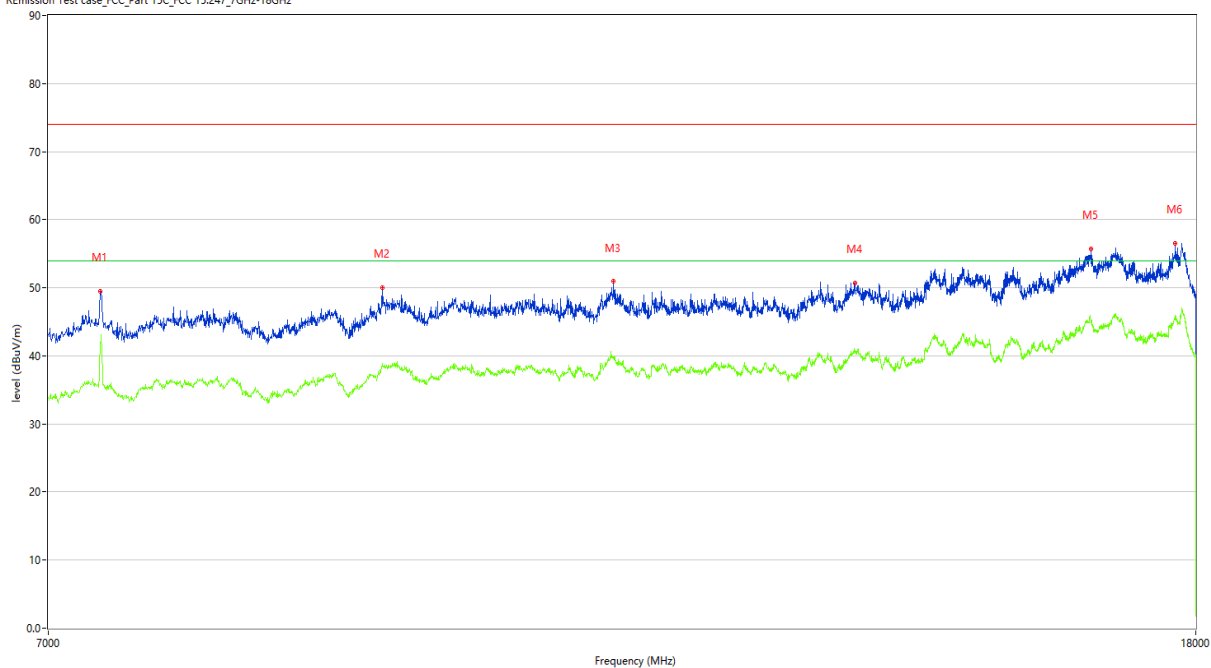
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7GHz-18GHz, Vertical

REmission Test case_FCC_Part 15C_FCC 15.247_7GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7307.923	49.48	3.00	74.0	-24.52	Peak	230.10	100	Vertical	Pass
1**	7307.923	41.06	3.00	54.0	-12.94	AV	230.10	100	Vertical	Pass
2	9213.197	49.96	8.51	74.0	-24.04	Peak	159.00	100	Vertical	Pass
2**	9213.197	38.87	8.51	54.0	-15.13	AV	159.00	100	Vertical	Pass
3	11148.713	50.90	10.82	74.0	-23.10	Peak	205.20	100	Vertical	Pass
3**	11148.713	39.62	10.82	54.0	-14.38	AV	205.20	100	Vertical	Pass
4	13598.350	50.68	14.62	74.0	-23.32	Peak	223.70	100	Vertical	Pass
4**	13598.350	40.50	14.62	54.0	-13.50	AV	223.70	100	Vertical	Pass
5	16512.622	55.66	20.31	74.0	-18.34	Peak	233.10	100	Vertical	Pass
5**	16512.622	45.18	20.31	54.0	-8.82	AV	233.10	100	Vertical	Pass
6	17697.576	56.51	22.24	74.0	-17.49	Peak	103.70	100	Vertical	Pass
6**	17697.576	45.54	22.24	54.0	-8.46	AV	103.70	100	Vertical	Pass

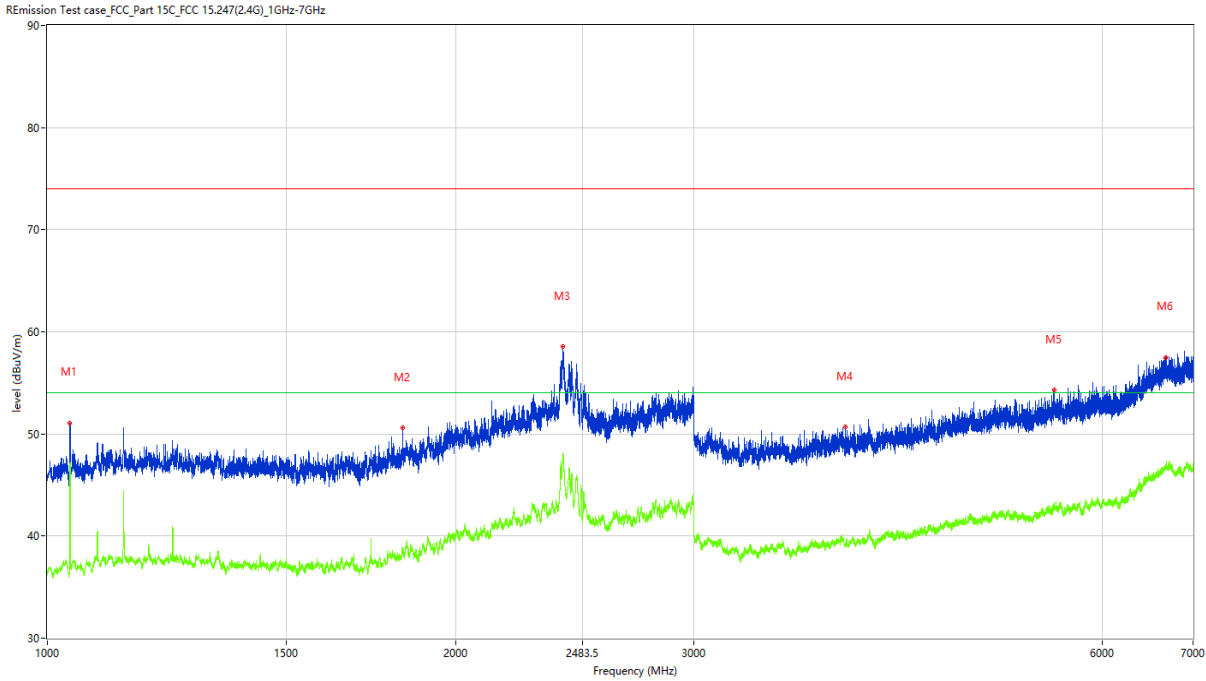
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Figure 47: Spurious Emission, 1GHz – 10th Harmonic, 802.11n(HT40), 2422MHz
1GHz-7GHz, Horizontal



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1039.245	50.28	-5.60	74.0	-23.72	Peak	0.00	100	Horizontal	Pass
1**	1039.245	45.07	-5.60	54.0	-8.93	AV	0.00	100	Horizontal	Pass
2	1829.146	50.58	-3.85	74.0	-23.42	Peak	16.70	100	Horizontal	Pass
2**	1829.146	38.30	-3.85	54.0	-15.70	AV	16.70	100	Horizontal	Pass
3	2400.575	58.57	5.35	74.0	-15.43	Peak	310.90	100	Horizontal	Pass
3**	2400.575	48.13	5.35	54.0	-5.87	AV	310.90	100	Horizontal	Pass
4	3877.890	50.68	-0.43	74.0	-23.32	Peak	347.80	100	Horizontal	Pass
4**	3877.890	38.67	-0.43	54.0	-15.33	AV	347.80	100	Horizontal	Pass
5	5530.684	54.32	1.85	74.0	-19.68	Peak	316.90	100	Horizontal	Pass
5**	5530.684	42.61	1.85	54.0	-11.39	AV	316.90	100	Horizontal	Pass
6	6681.540	57.49	5.76	74.0	-16.51	Peak	360.00	100	Horizontal	Pass
6**	6681.540	46.73	5.76	54.0	-7.27	AV	360.00	100	Horizontal	Pass

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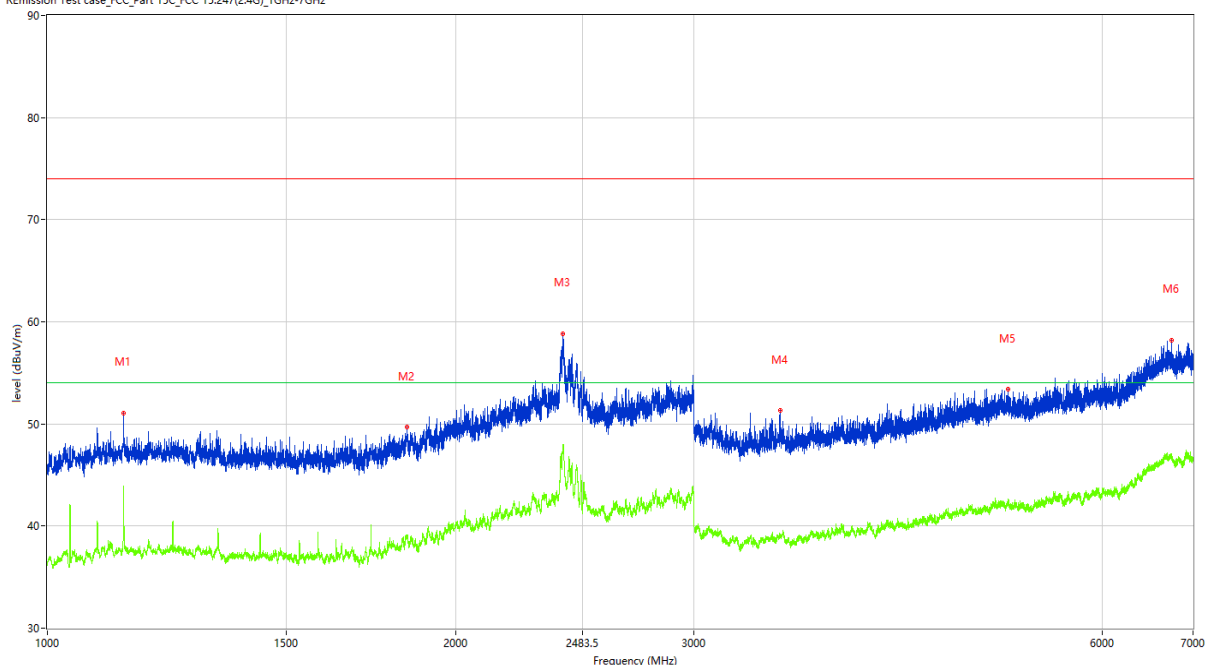
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1GHz-7GHz, Vertical

REmission Test case_FCC_Part 15C_FCC 15.247(2.4G)_1GHz-7GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1138.233	51.05	-3.99	74.0	-22.95	Peak	96.20	100	Vertical	Pass
1**	1138.233	43.46	-3.99	54.0	-10.54	AV	96.20	100	Vertical	Pass
2	1842.645	49.68	-3.42	74.0	-24.32	Peak	330.70	100	Vertical	Pass
2**	1842.645	39.10	-3.42	54.0	-14.90	AV	330.70	100	Vertical	Pass
3	2401.575	58.87	5.31	74.0	-15.13	Peak	312.20	100	Vertical	Pass
3**	2401.575	47.60	5.31	54.0	-6.40	AV	312.20	100	Vertical	Pass
4	3472.441	51.32	-1.30	74.0	-22.68	Peak	22.10	100	Vertical	Pass
4**	3472.441	38.79	-1.30	54.0	-15.21	AV	22.10	100	Vertical	Pass
5	5110.236	53.41	1.75	74.0	-20.59	Peak	46.90	100	Vertical	Pass
5**	5110.236	42.27	1.75	54.0	-11.73	AV	46.90	100	Vertical	Pass
6	6747.032	58.22	5.69	74.0	-15.78	Peak	142.30	100	Vertical	Pass
6**	6747.032	46.65	5.69	54.0	-7.35	AV	142.30	100	Vertical	Pass

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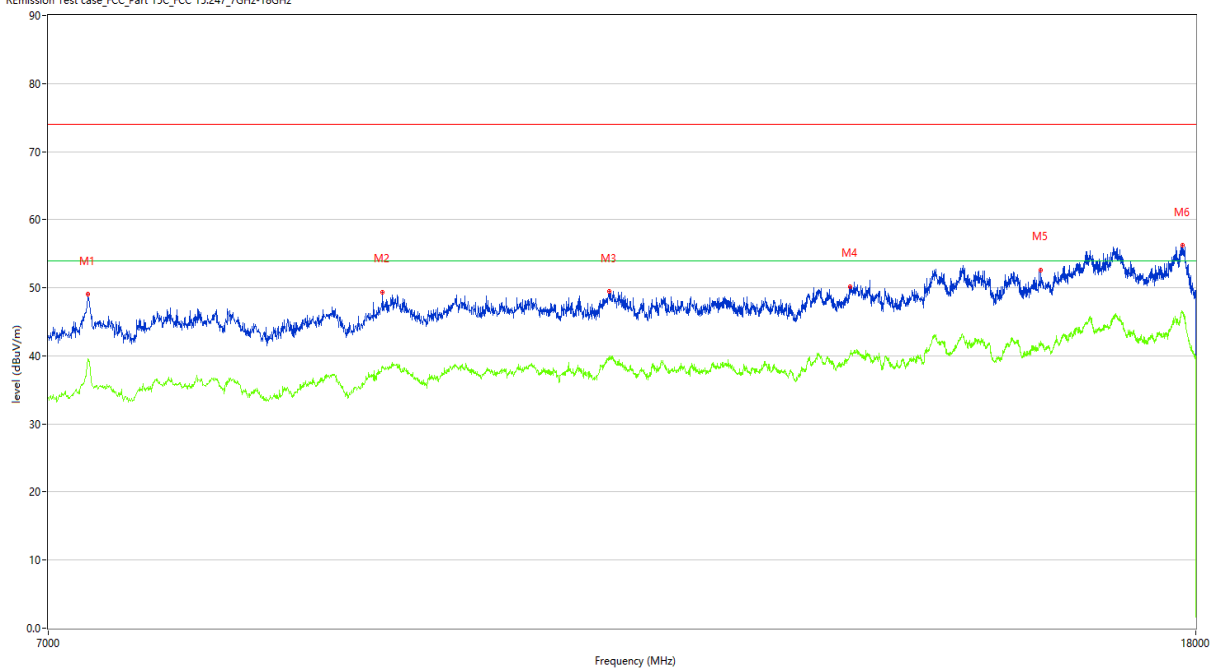
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7GHz-18GHz, Horizontal

REmission Test case_FCC_Part 15C_FCC 15.247_7GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7211.697	46.11	2.85	74.0	-27.89	Peak	195.80	100	Horizontal	Pass
1**	7211.697	36.13	2.85	54.0	-17.87	AV	195.80	100	Horizontal	Pass
2	9218.695	49.29	8.52	74.0	-24.71	Peak	333.20	100	Horizontal	Pass
2**	9218.695	38.19	8.52	54.0	-15.81	AV	333.20	100	Horizontal	Pass
3	11104.724	49.41	10.61	74.0	-24.59	Peak	258.40	100	Horizontal	Pass
3**	11104.724	39.65	10.61	54.0	-14.35	AV	258.40	100	Horizontal	Pass
4	13540.615	50.14	14.03	74.0	-23.86	Peak	186.90	100	Horizontal	Pass
4**	13540.615	40.07	14.03	54.0	-13.93	AV	186.90	100	Horizontal	Pass
5	15844.539	52.58	15.96	74.0	-21.42	Peak	234.90	100	Horizontal	Pass
5**	15844.539	42.09	15.96	54.0	-11.91	AV	234.90	100	Horizontal	Pass
6	17810.297	56.19	20.71	74.0	-17.81	Peak	23.70	100	Horizontal	Pass
6**	17810.297	46.25	20.71	54.0	-7.75	AV	23.70	100	Horizontal	Pass

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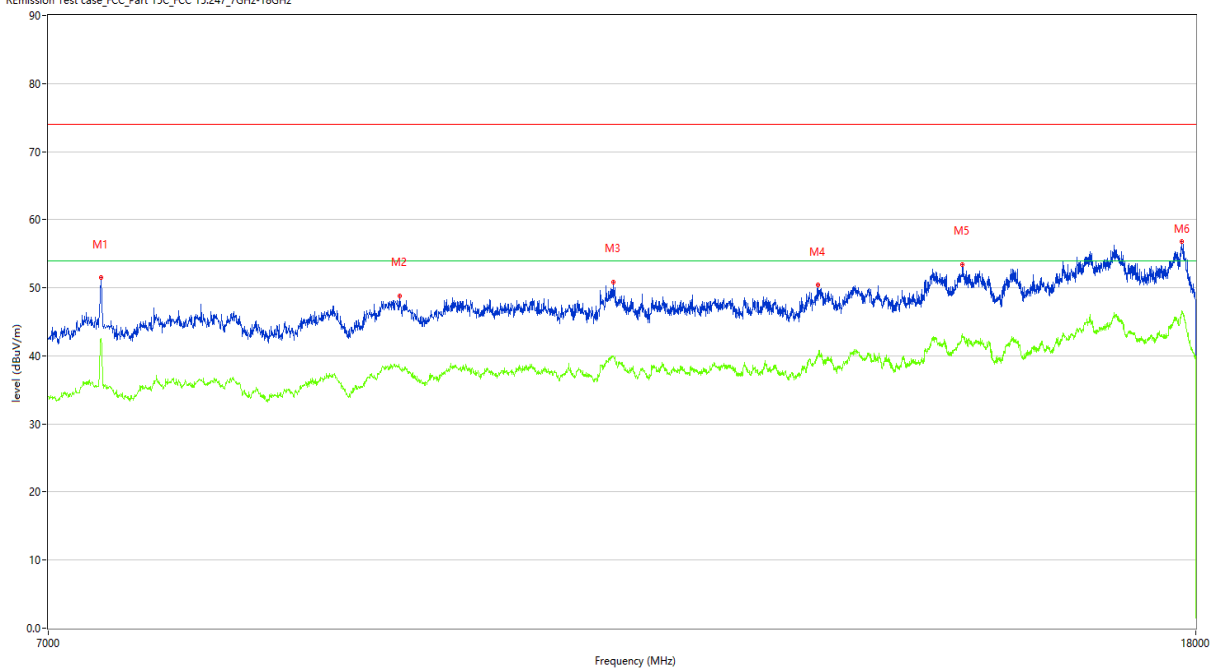
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7GHz-18GHz, Vertical

REmission Test case_FCC_Part 15C_FCC 15.247_7GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7310.672	51.45	3.01	74.0	-22.55	Peak	28.10	100	Vertical	Pass
1**	7310.672	42.62	3.01	54.0	-11.38	AV	28.10	100	Vertical	Pass
2	9350.662	48.86	9.82	74.0	-25.14	Peak	28.10	100	Vertical	Pass
2**	9350.662	38.27	9.82	54.0	-15.73	AV	28.10	100	Vertical	Pass
3	11145.964	50.81	10.81	74.0	-23.19	Peak	229.50	100	Vertical	Pass
3**	11145.964	39.80	10.81	54.0	-14.20	AV	229.50	100	Vertical	Pass
4	13185.954	50.36	12.30	74.0	-23.64	Peak	238.40	100	Vertical	Pass
4**	13185.954	40.02	12.30	54.0	-13.98	AV	238.40	100	Vertical	Pass
5	14854.786	53.38	18.14	74.0	-20.62	Peak	350.30	100	Vertical	Pass
5**	14854.786	43.25	18.14	54.0	-10.75	AV	350.30	100	Vertical	Pass
6	17796.551	56.77	21.12	74.0	-17.23	Peak	0.00	100	Vertical	Pass
6**	17796.551	46.40	21.12	54.0	-7.60	AV	0.00	100	Vertical	Pass

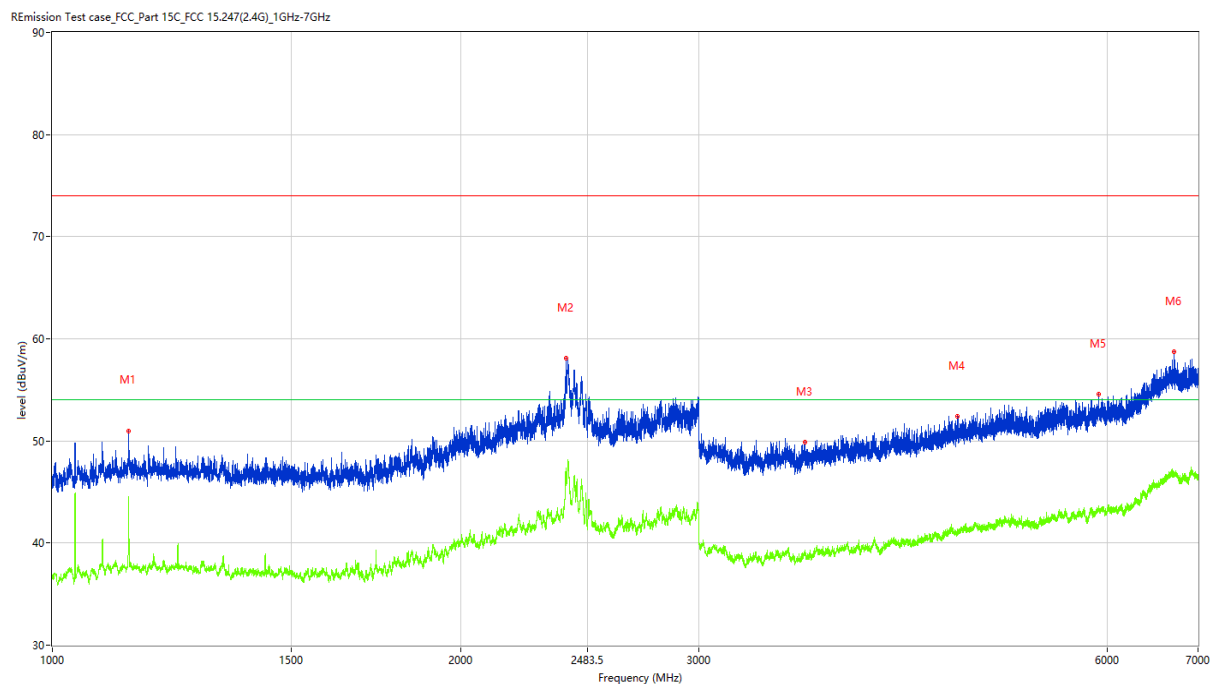
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Figure 48: Spurious Emission, 1GHz – 10th Harmonic, 802.11n(HT40), 2437MHz
1GHz-7GHz, Horizontal



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1138.233	50.99	-3.99	74.0	-23.01	Peak	99.00	100	Horizontal	Pass
1**	1138.233	44.57	-3.99	54.0	-9.43	AV	99.00	100	Horizontal	Pass
2	2393.076	58.08	5.64	74.0	-15.92	Peak	143.00	100	Horizontal	Pass
2**	2393.076	46.47	5.64	54.0	-7.53	AV	143.00	100	Horizontal	Pass
3	3591.426	49.87	-0.97	74.0	-24.13	Peak	27.70	100	Horizontal	Pass
3**	3591.426	38.39	-0.97	54.0	-15.61	AV	27.70	100	Horizontal	Pass
4	4654.293	52.37	0.91	74.0	-21.63	Peak	80.80	100	Horizontal	Pass
4**	4654.293	40.87	0.91	54.0	-13.13	AV	80.80	100	Horizontal	Pass
5	5911.136	54.54	2.20	74.0	-19.46	Peak	3.20	100	Horizontal	Pass
5**	5911.136	43.23	2.20	54.0	-10.77	AV	3.20	100	Horizontal	Pass
6	6720.535	58.74	5.85	74.0	-15.26	Peak	3.20	100	Horizontal	Pass
6**	6720.535	46.75	5.85	54.0	-7.25	AV	3.20	100	Horizontal	Pass

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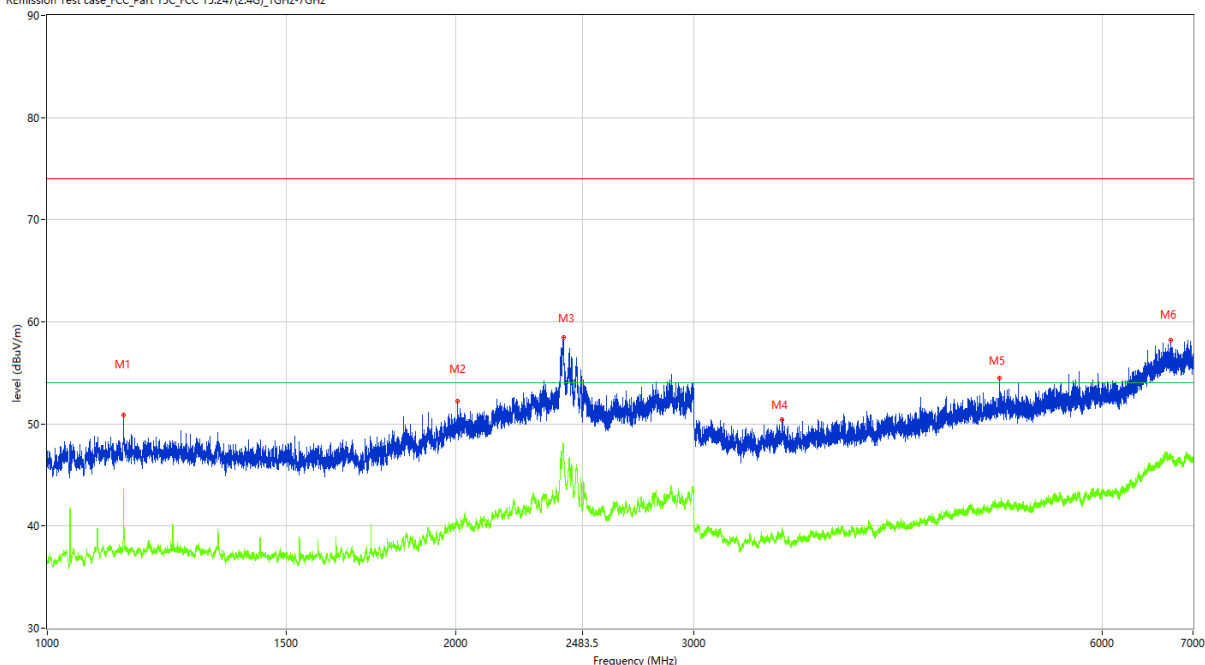
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1GHz-7GHz, Vertical

REmission Test case_FCC_Part 15C_FCC 15.247(2.4G)_1GHz-7GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1138.483	50.88	-3.96	74.0	-23.12	Peak	117.00	100	Vertical	Pass
1**	1138.483	43.61	-3.96	54.0	-10.39	AV	117.00	100	Vertical	Pass
2	2005.874	52.24	-2.12	74.0	-21.76	Peak	332.50	100	Vertical	Pass
2**	2005.874	40.08	-2.12	54.0	-13.92	AV	332.50	100	Vertical	Pass
3	2402.575	58.48	5.27	74.0	-15.52	Peak	114.10	100	Vertical	Pass
3**	2402.575	47.83	5.27	54.0	-6.17	AV	114.10	100	Vertical	Pass
4	3484.439	50.45	-1.27	74.0	-23.55	Peak	258.10	100	Vertical	Pass
4**	3484.439	38.79	-1.27	54.0	-15.21	AV	258.10	100	Vertical	Pass
5	5036.245	54.45	1.70	74.0	-19.55	Peak	111.80	100	Vertical	Pass
5**	5036.245	42.08	1.70	54.0	-11.92	AV	111.80	100	Vertical	Pass
6	6745.032	58.22	5.70	74.0	-15.78	Peak	359.80	100	Vertical	Pass
6**	6745.032	46.57	5.70	54.0	-7.43	AV	359.80	100	Vertical	Pass

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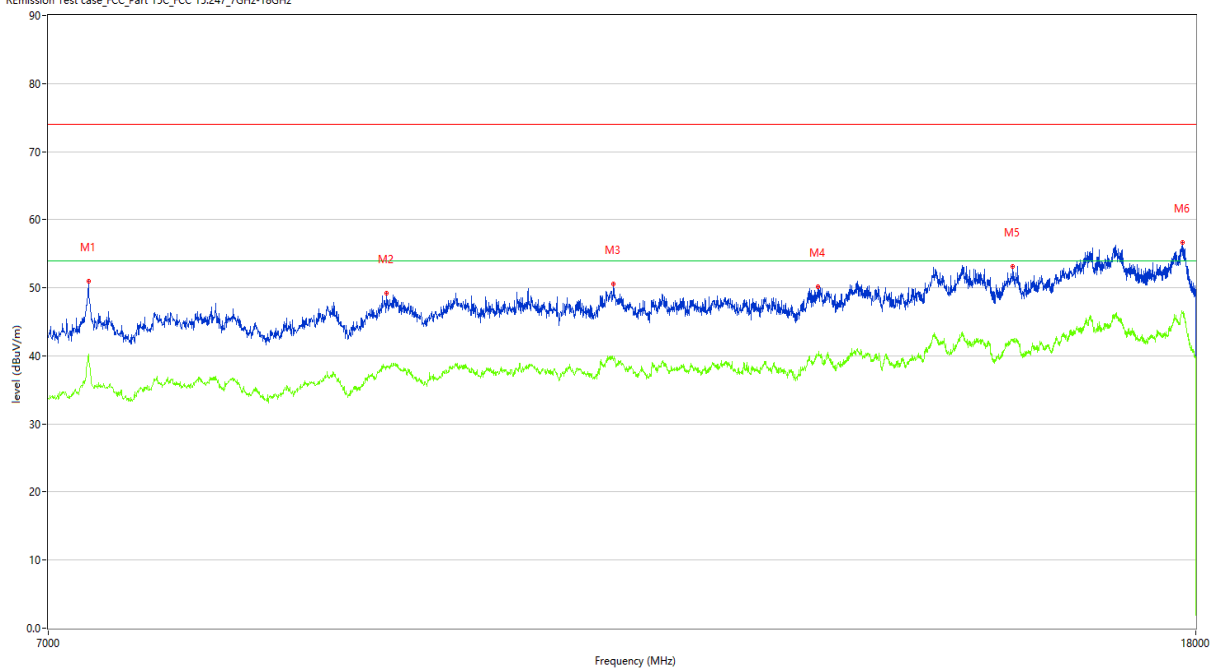
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7GHz-18GHz, Horizontal

REmission Test case_FCC_Part 15C_FCC 15.247_7GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7219.945	46.95	2.84	74.0	-27.05	Peak	355.90	100	Horizontal	Pass
1**	7219.945	37.25	2.84	54.0	-16.75	AV	355.90	100	Horizontal	Pass
2	9248.938	49.15	8.61	74.0	-24.85	Peak	310.00	100	Horizontal	Pass
2**	9248.938	38.51	8.61	54.0	-15.49	AV	310.00	100	Horizontal	Pass
3	11148.713	50.56	10.82	74.0	-23.44	Peak	275.40	100	Horizontal	Pass
3**	11148.713	39.28	10.82	54.0	-14.72	AV	275.40	100	Horizontal	Pass
4	13191.452	50.21	12.33	74.0	-23.79	Peak	144.70	100	Horizontal	Pass
4**	13191.452	40.26	12.33	54.0	-13.74	AV	144.70	100	Horizontal	Pass
5	15484.379	53.11	15.30	74.0	-20.89	Peak	359.30	100	Horizontal	Pass
5**	15484.379	42.39	15.30	54.0	-11.61	AV	359.30	100	Horizontal	Pass
6	17810.297	56.66	20.71	74.0	-17.34	Peak	92.40	100	Horizontal	Pass
6**	17810.297	46.32	20.71	54.0	-7.68	AV	92.40	100	Horizontal	Pass

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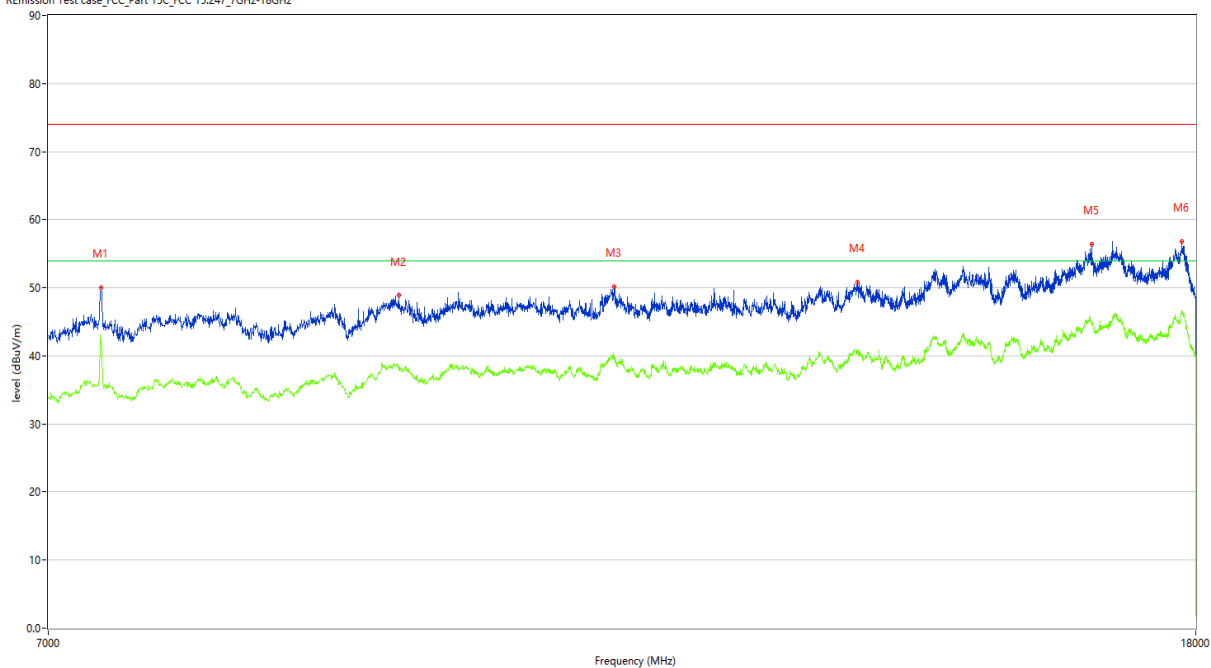
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7GHz-18GHz, Vertical

REmission Test case_FCC_Part 15C_FCC 15.247_7GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7310.672	50.01	3.01	74.0	-23.99	Peak	27.10	100	Vertical	Pass
1**	7310.672	42.06	3.01	54.0	-11.94	AV	27.10	100	Vertical	Pass
2	9339.665	48.87	9.67	74.0	-25.13	Peak	71.60	100	Vertical	Pass
2**	9339.665	38.33	9.67	54.0	-15.67	AV	71.60	100	Vertical	Pass
3	11154.211	50.18	10.82	74.0	-23.82	Peak	68.60	100	Vertical	Pass
3**	11154.211	39.44	10.82	54.0	-14.56	AV	68.60	100	Vertical	Pass
4	13623.094	50.87	14.32	74.0	-23.13	Peak	27.10	100	Vertical	Pass
4**	13623.094	40.55	14.32	54.0	-13.45	AV	27.10	100	Vertical	Pass
5	16520.870	56.36	19.97	74.0	-17.64	Peak	172.90	100	Vertical	Pass
5**	16520.870	44.94	19.97	54.0	-9.06	AV	172.90	100	Vertical	Pass
6	17796.551	56.85	21.12	74.0	-17.15	Peak	9.10	100	Vertical	Pass
6**	17796.551	46.47	21.12	54.0	-7.53	AV	9.10	100	Vertical	Pass

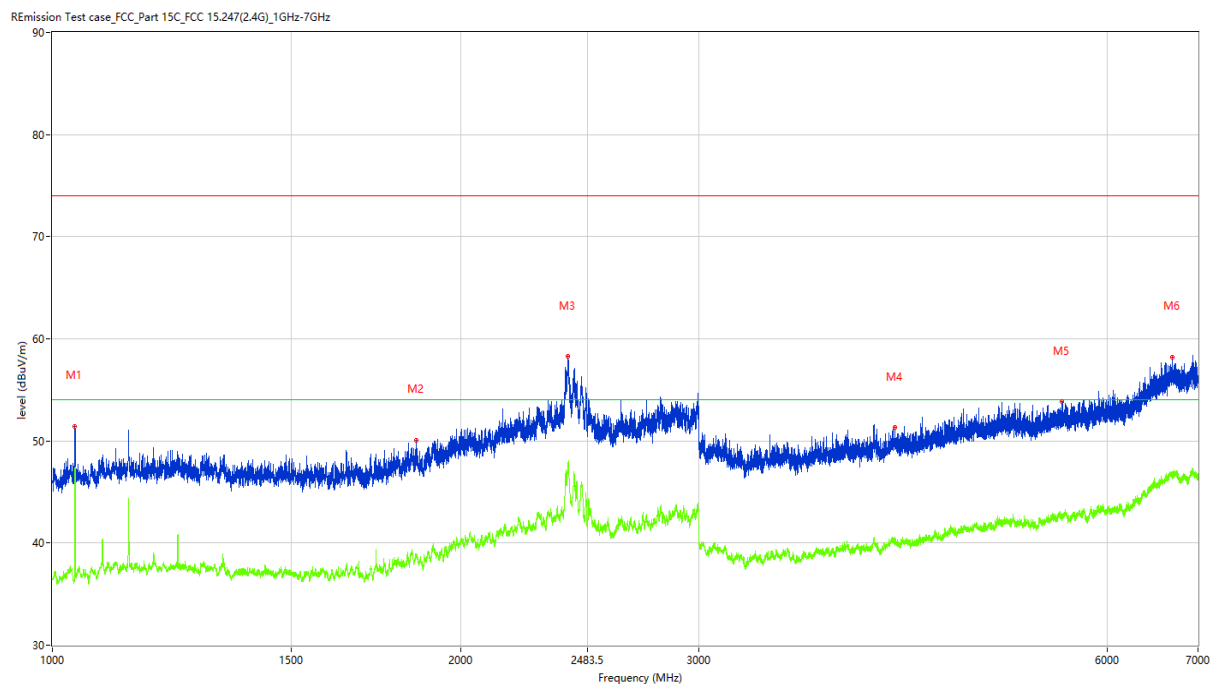
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Figure 49: Spurious Emission, 1GHz – 10th Harmonic, 802.11n(HT40), 2452MHz
1GHz-7GHz, Horizontal



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1039.245	51.44	-5.60	74.0	-22.56	Peak	142.30	100	Horizontal	Pass
1**	1039.245	47.30	-5.60	54.0	-6.70	AV	142.30	100	Horizontal	Pass
2	1856.643	50.09	-3.63	74.0	-23.91	Peak	29.60	100	Horizontal	Pass
2**	1856.643	38.44	-3.63	54.0	-15.56	AV	29.60	100	Horizontal	Pass
3	2401.325	58.24	5.32	74.0	-15.76	Peak	60.50	100	Horizontal	Pass
3**	2401.325	47.65	5.32	54.0	-6.35	AV	60.50	100	Horizontal	Pass
4	4182.352	51.34	-0.04	74.0	-22.66	Peak	359.20	100	Horizontal	Pass
4**	4182.352	40.02	-0.04	54.0	-13.98	AV	359.20	100	Horizontal	Pass
5	5554.181	53.83	1.92	74.0	-20.17	Peak	338.90	100	Horizontal	Pass
5**	5554.181	42.35	1.92	54.0	-11.65	AV	338.90	100	Horizontal	Pass
6	6703.037	58.17	5.95	74.0	-15.83	Peak	84.70	100	Horizontal	Pass
6**	6703.037	46.61	5.95	54.0	-7.39	AV	84.70	100	Horizontal	Pass

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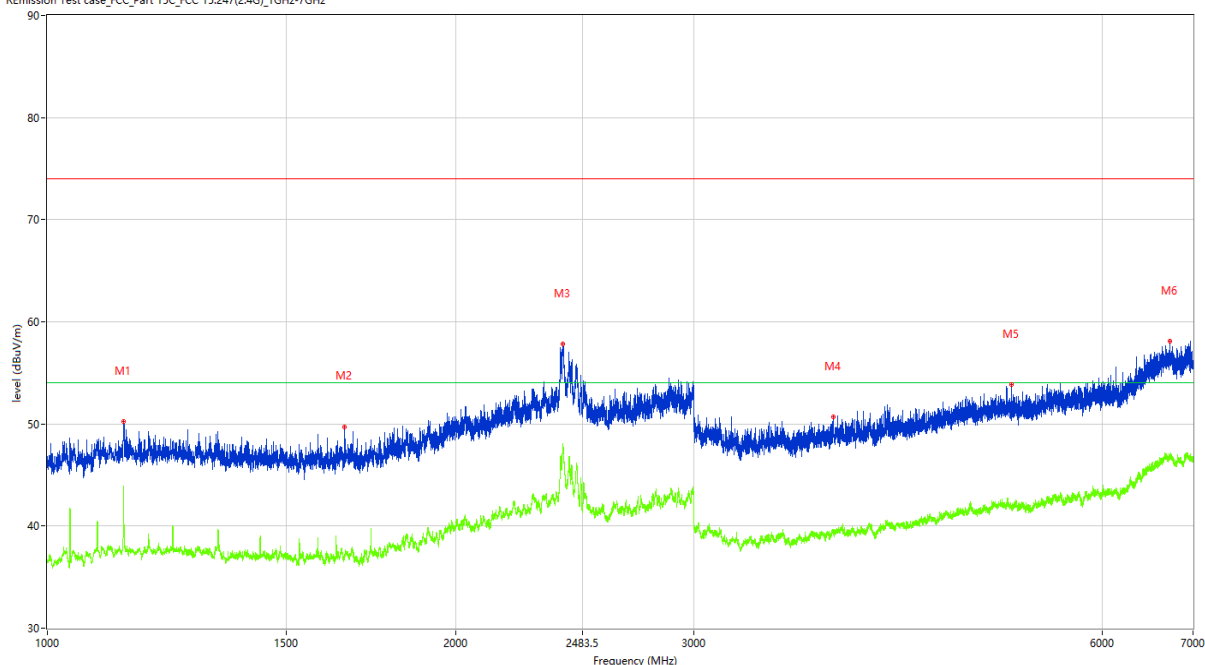
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1GHz-7GHz, Vertical

REmission Test case_FCC_Part 15C_FCC 15.247(2.4G)_1GHz-7GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1137.983	50.21	-4.02	74.0	-23.79	Peak	90.40	100	Vertical	Pass
1**	1137.983	42.71	-4.02	54.0	-11.29	AV	90.40	100	Vertical	Pass
2	1656.668	49.72	-5.33	74.0	-24.28	Peak	352.60	100	Vertical	Pass
2**	1656.668	36.85	-5.33	54.0	-17.15	AV	352.60	100	Vertical	Pass
3	2401.575	57.81	5.31	74.0	-16.19	Peak	9.00	100	Vertical	Pass
3**	2401.575	47.87	5.31	54.0	-6.13	AV	9.00	100	Vertical	Pass
4	3797.900	50.65	-0.74	74.0	-23.35	Peak	196.80	100	Vertical	Pass
4**	3797.900	39.40	-0.74	54.0	-14.60	AV	196.80	100	Vertical	Pass
5	5141.732	53.82	1.72	74.0	-20.18	Peak	147.80	100	Vertical	Pass
5**	5141.732	41.83	1.72	54.0	-12.17	AV	147.80	100	Vertical	Pass
6	6735.033	58.11	5.76	74.0	-15.89	Peak	100.80	100	Vertical	Pass
6**	6735.033	46.64	5.76	54.0	-7.36	AV	100.80	100	Vertical	Pass

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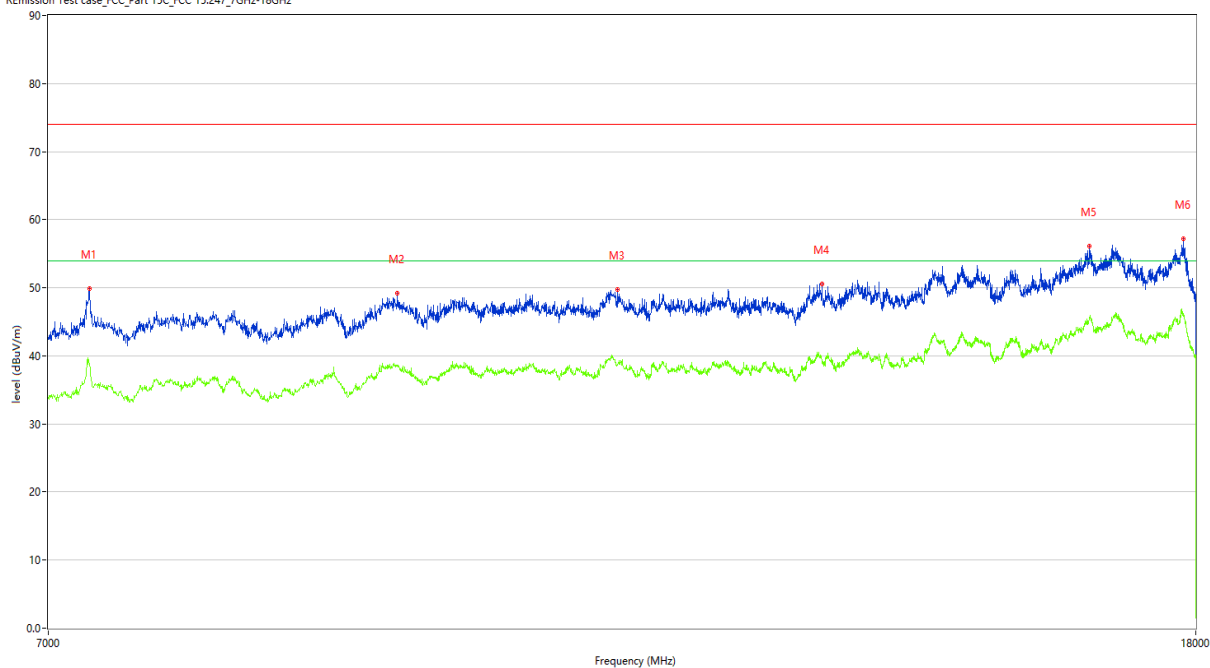
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7GHz-18GHz, Horizontal

REmission Test case_FCC_Part 15C_FCC 15.247_7GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7208.948	45.39	2.85	74.0	-28.61	Peak	336.30	100	Horizontal	Pass
1**	7208.948	35.95	2.85	54.0	-18.05	AV	336.30	100	Horizontal	Pass
2	9328.668	49.25	9.52	74.0	-24.75	Peak	11.90	100	Horizontal	Pass
2**	9328.668	38.54	9.52	54.0	-15.46	AV	11.90	100	Horizontal	Pass
3	11184.454	49.73	10.75	74.0	-24.27	Peak	324.00	100	Horizontal	Pass
3**	11184.454	38.61	10.75	54.0	-15.39	AV	324.00	100	Horizontal	Pass
4	13235.441	50.58	12.34	74.0	-23.42	Peak	181.10	100	Horizontal	Pass
4**	13235.441	38.94	12.34	54.0	-15.06	AV	181.10	100	Horizontal	Pass
5	16487.878	56.14	20.57	74.0	-17.86	Peak	327.20	100	Horizontal	Pass
5**	16487.878	45.72	20.57	54.0	-8.28	AV	327.20	100	Horizontal	Pass
6	17815.796	57.23	20.50	74.0	-16.77	Peak	8.90	100	Horizontal	Pass
6**	17815.796	46.23	20.50	54.0	-7.77	AV	8.90	100	Horizontal	Pass

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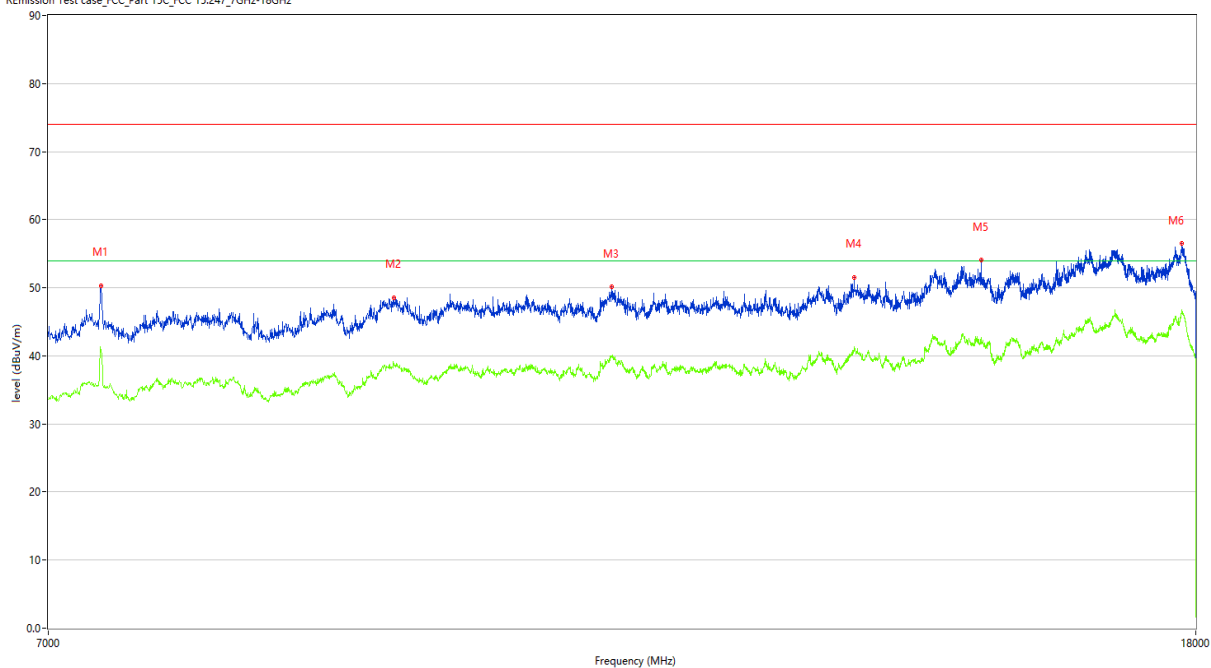
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7GHz-18GHz, Vertical

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No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7310.672	50.25	3.01	74.0	-23.75	Peak	25.30	100	Vertical	Pass
1**	7310.672	40.71	3.01	54.0	-13.29	AV	25.30	100	Vertical	Pass
2	9306.673	48.52	9.20	74.0	-25.48	Peak	207.40	100	Vertical	Pass
2**	9306.673	38.71	9.20	54.0	-15.29	AV	207.40	100	Vertical	Pass
3	11132.217	50.09	10.74	74.0	-23.91	Peak	354.30	100	Vertical	Pass
3**	11132.217	39.85	10.74	54.0	-14.15	AV	354.30	100	Vertical	Pass
4	13587.353	51.51	14.51	74.0	-22.49	Peak	279.30	100	Vertical	Pass
4**	13587.353	40.73	14.51	54.0	-13.27	AV	279.30	100	Vertical	Pass
5	15082.979	54.03	16.25	74.0	-19.97	Peak	178.20	100	Vertical	Pass
5**	15082.979	42.69	16.25	54.0	-11.31	AV	178.20	100	Vertical	Pass
6	17799.300	56.54	21.10	74.0	-17.46	Peak	163.30	100	Vertical	Pass
6**	17799.300	46.75	21.10	54.0	-7.25	AV	163.30	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 RSS-247 5.5
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
Ambient temperature	: 25°C
Relative humidity	: 52%

For details refer to following test plot.

TEST REPORT

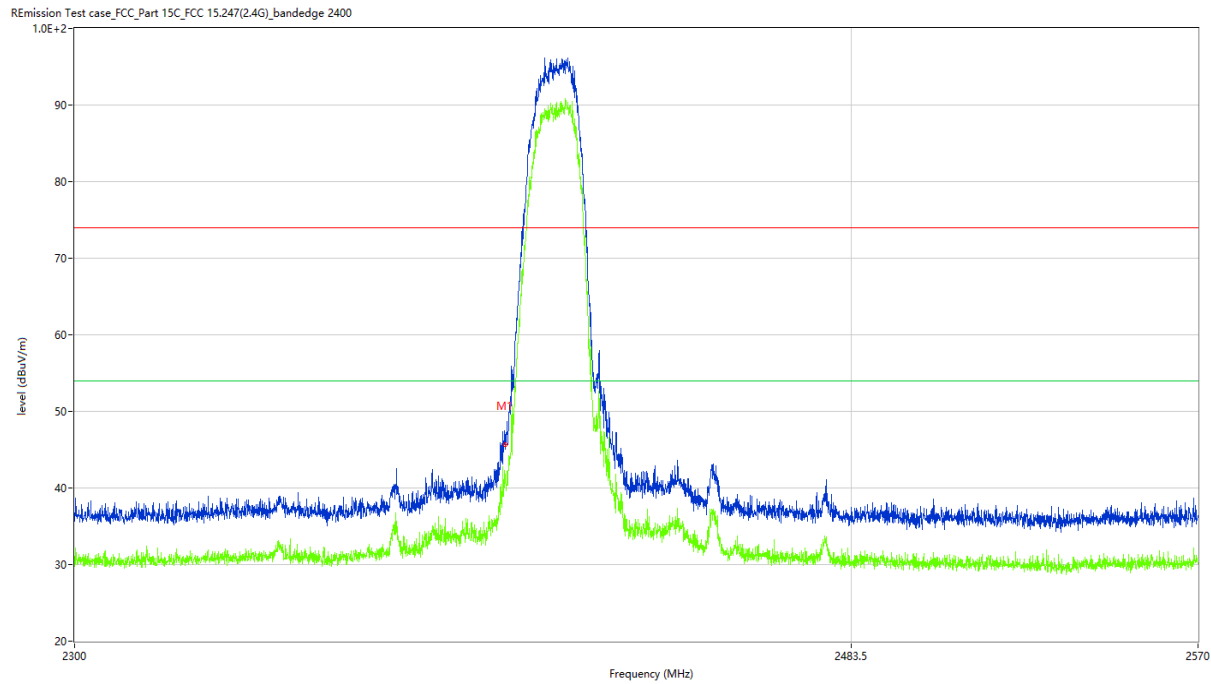
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Figure 50: Band Edge (Restricted-band band-edge), 802.11b, 2412MHz

Horizontal



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2400.000	45.58	-4.18	74.0	-28.42	Peak	147.80	100	H	Pass
1**	2400.000	41.72	-4.18	54.0	-12.28	AV	147.80	100	H	Pass

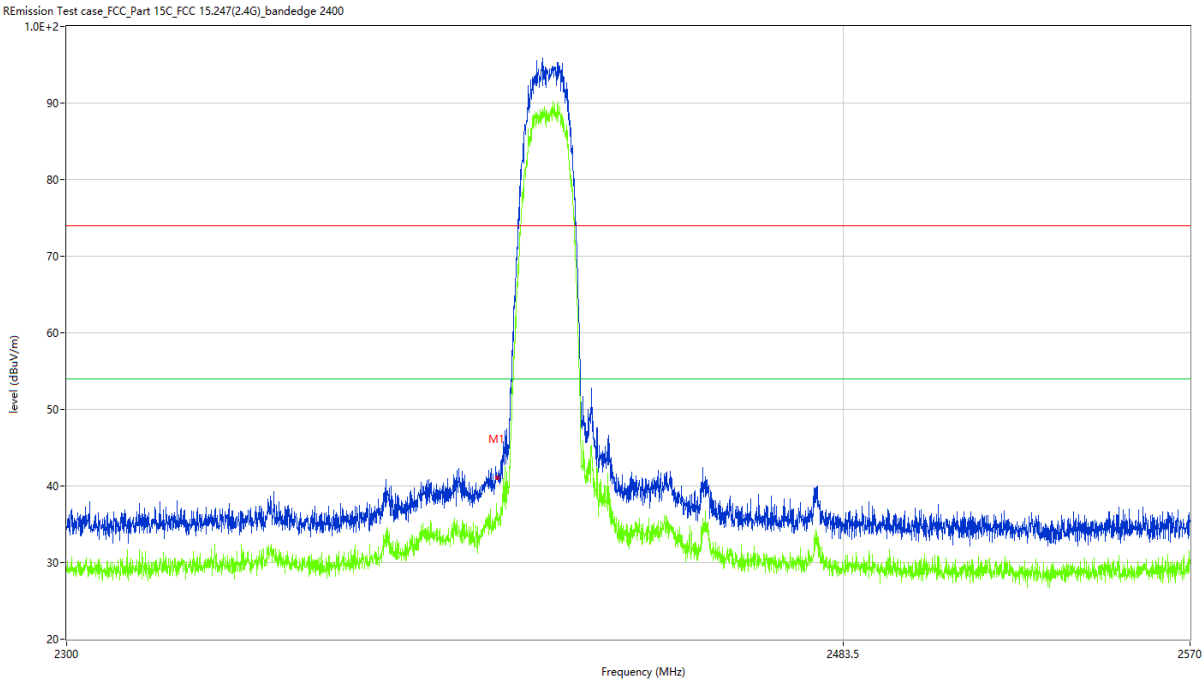
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Vertical



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2400.000	41.11	-4.18	74.0	-32.89	Peak	356.80	100	V	Pass
1**	2400.000	36.55	-4.18	54.0	-17.45	AV	356.80	100	V	Pass

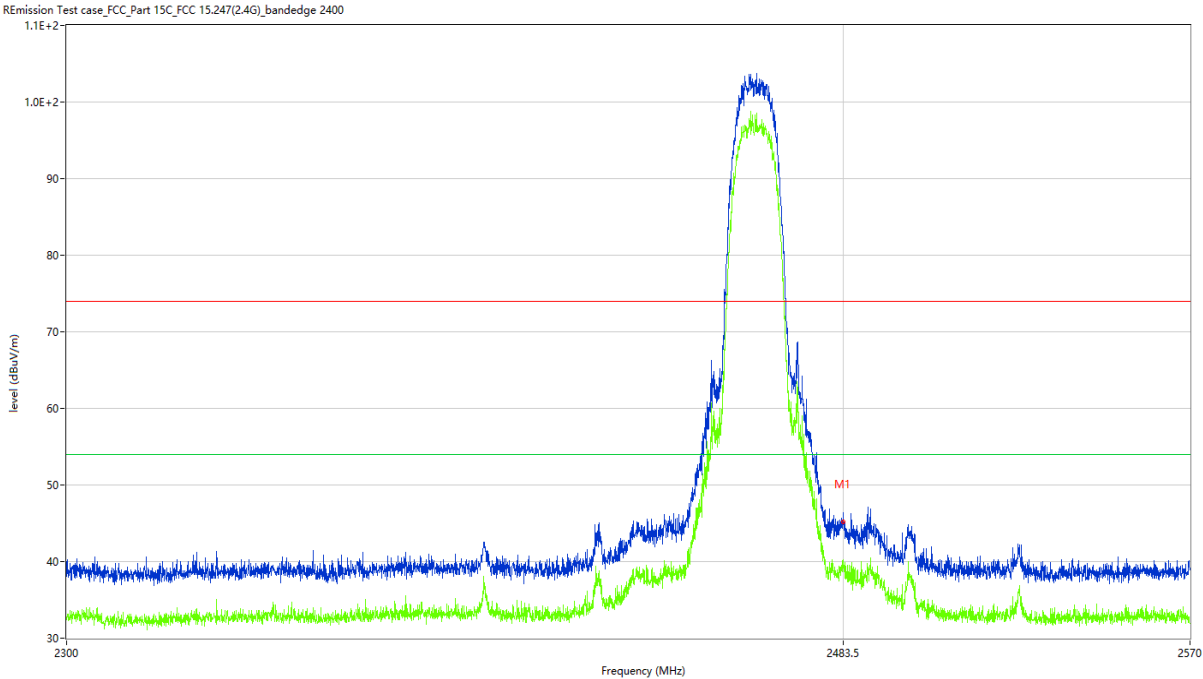
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Figure 51: Band Edge (Restricted-band band-edge), 802.11b, 2462MHz
Horizontal



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	45.15	-3.87	74.0	-28.85	Peak	50.28	100	H	Pass
1**	2483.500	39.48	-3.87	54.0	-14.52	AV	50.28	100	H	Pass

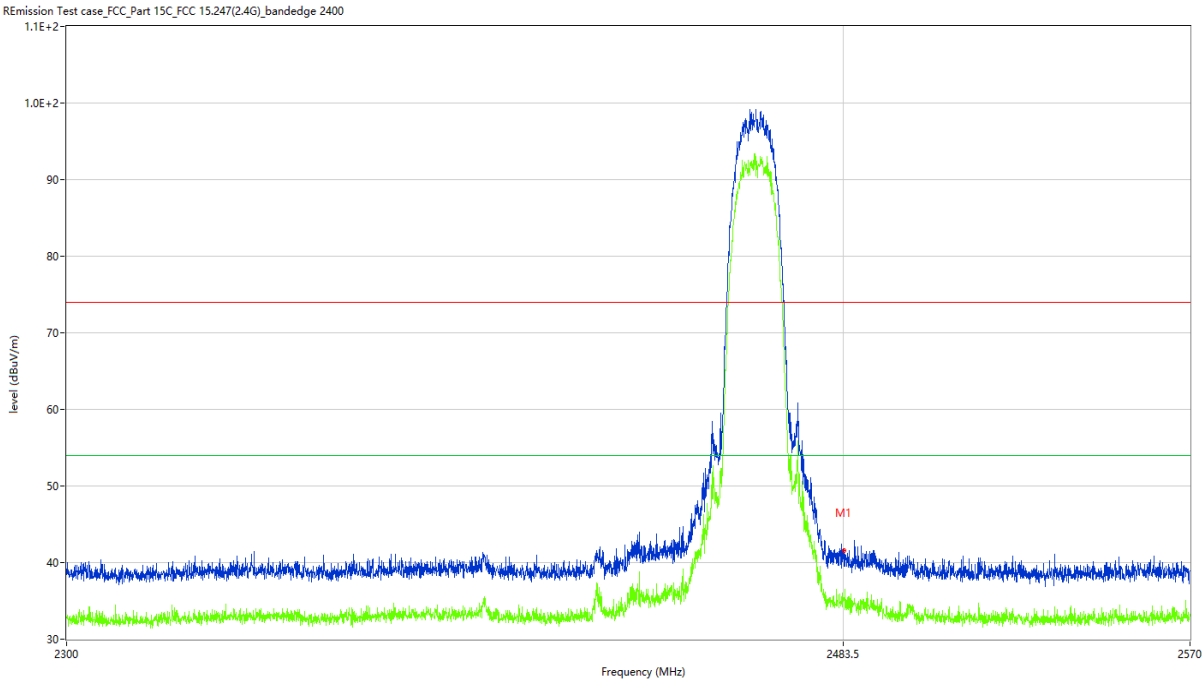
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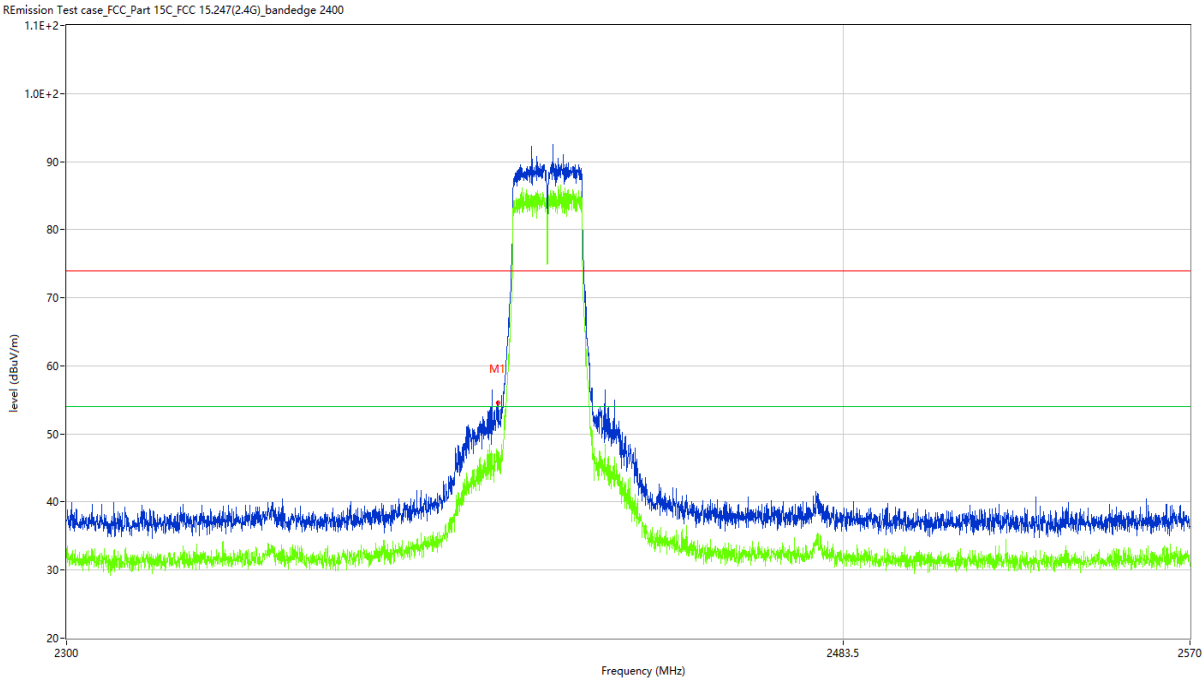
Vertical



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	41.53	-3.87	74.0	-32.47	Peak	180.25	100	V	Pass
1**	2483.500	35.41	-3.87	54.0	-18.59	AV	180.25	100	V	Pass

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Figure 52: Band Edge (Restricted-band band-edge), 802.11g, 2412MHz
Horizontal



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2400.000	54.38	-4.18	74.0	-19.62	Peak	358.72	100	H	Pass
1**	2400.000	47.10	-4.18	54.0	-6.90	AV	358.72	100	H	Pass

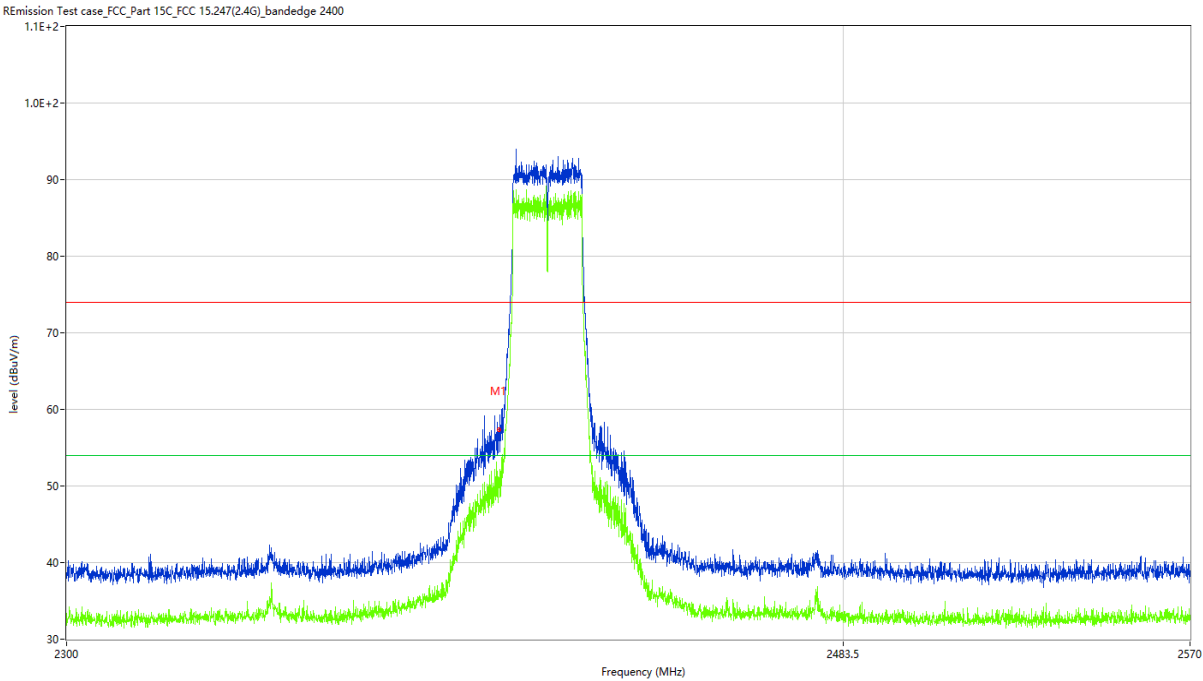
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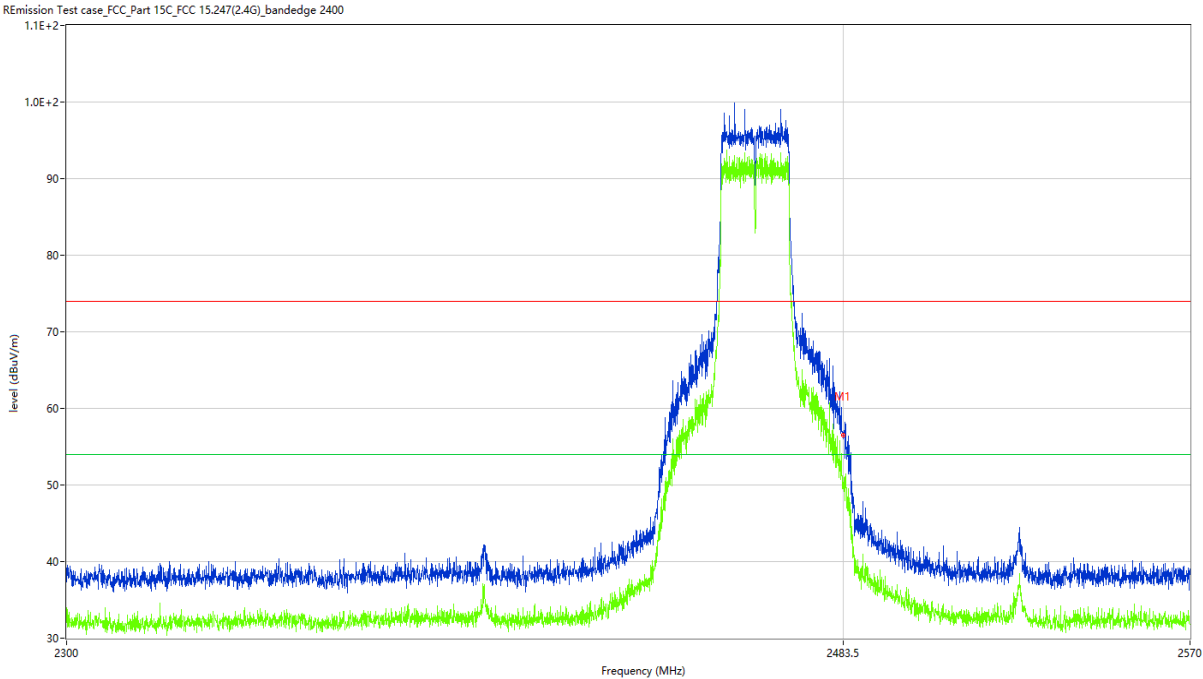
Vertical



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2400.000	57.64	-4.18	74.0	-16.36	Peak	281.68	100	V	Pass
1**	2400.000	51.38	-4.18	54.0	-2.62	AV	281.68	100	V	Pass

TEST REPORT

Figure 53: Band Edge (Restricted-band band-edge), 802.11g, 2462MHz
Horizontal



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	56.56	-3.87	74.0	-17.44	Peak	57.18	100	H	Pass
1**	2483.500	49.76	-3.87	54.0	-4.24	AV	57.18	100	H	Pass

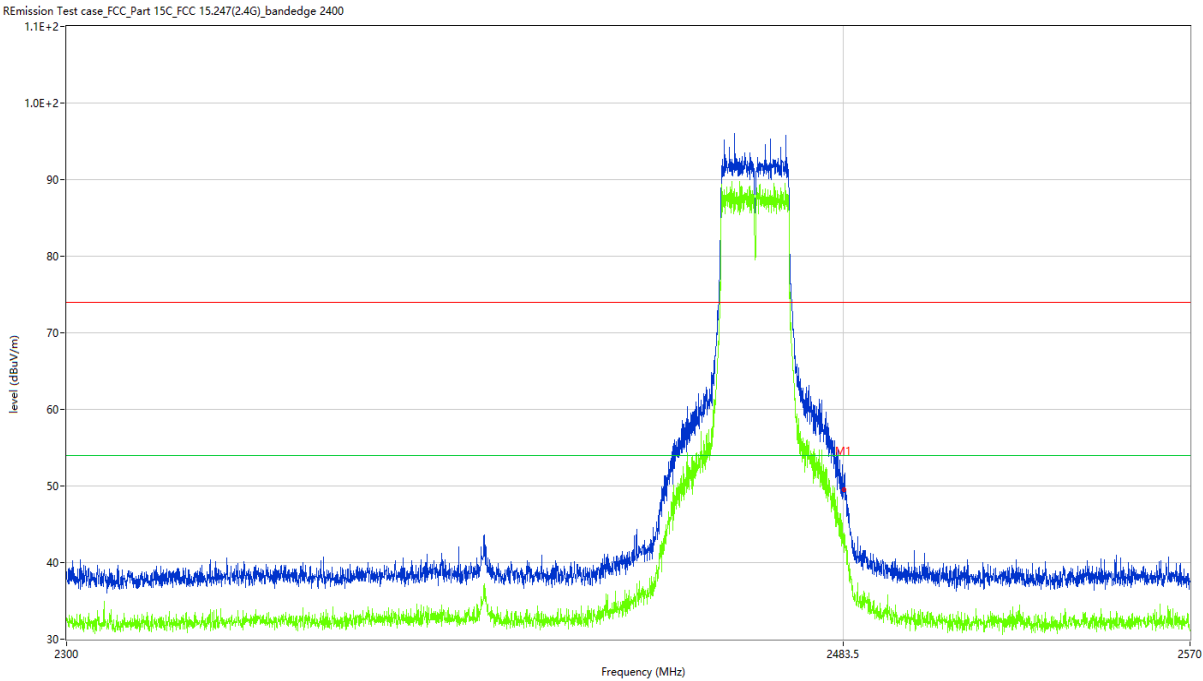
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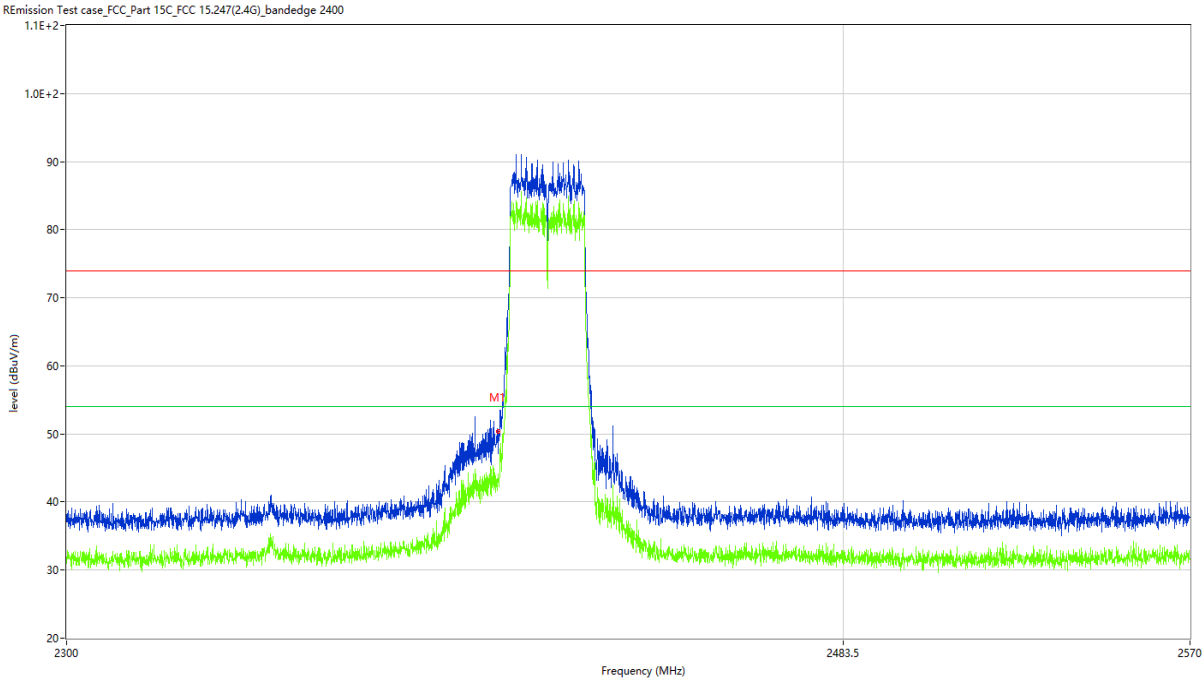
Vertical



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	49.45	-3.87	74.0	-24.55	Peak	270.09	100	V	Pass
1**	2483.500	43.76	-3.87	54.0	-10.24	AV	270.09	100	V	Pass

TEST REPORT

Figure 54: Band Edge (Restricted-band band-edge), 802.11n(HT20), 2412MHz
Horizontal



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2400.000	50.48	-4.18	74.0	-23.52	Peak	1.96	100	H	Pass
1**	2400.000	43.23	-4.18	54.0	-10.77	AV	1.96	100	H	Pass

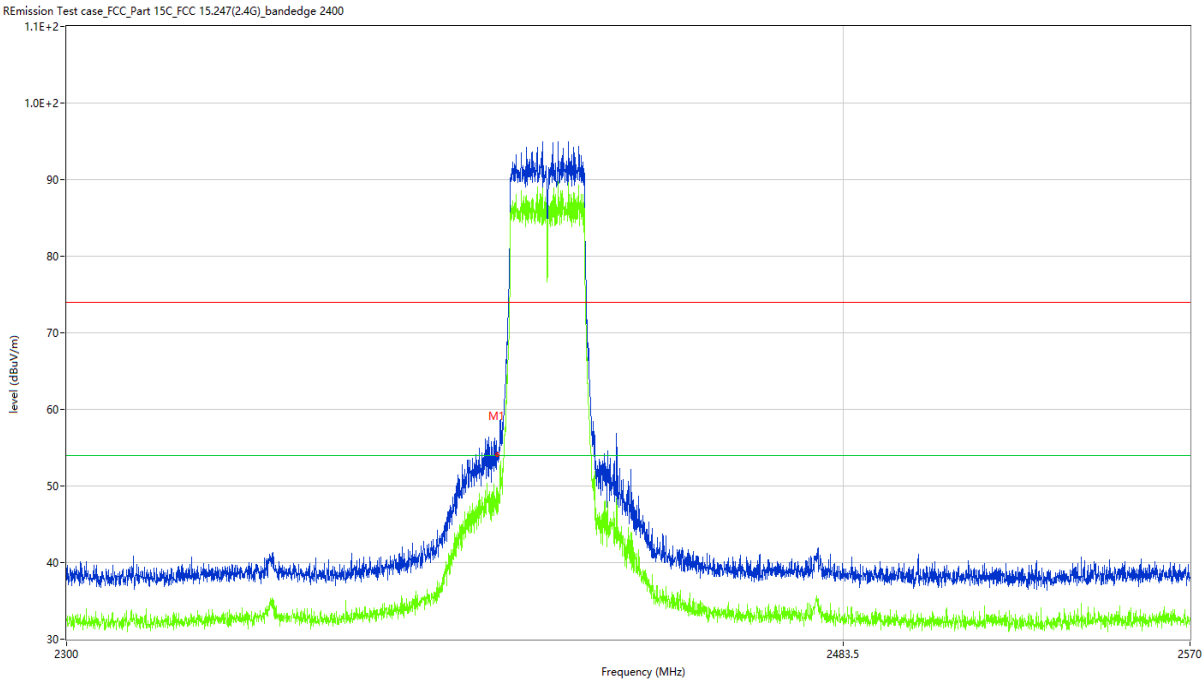
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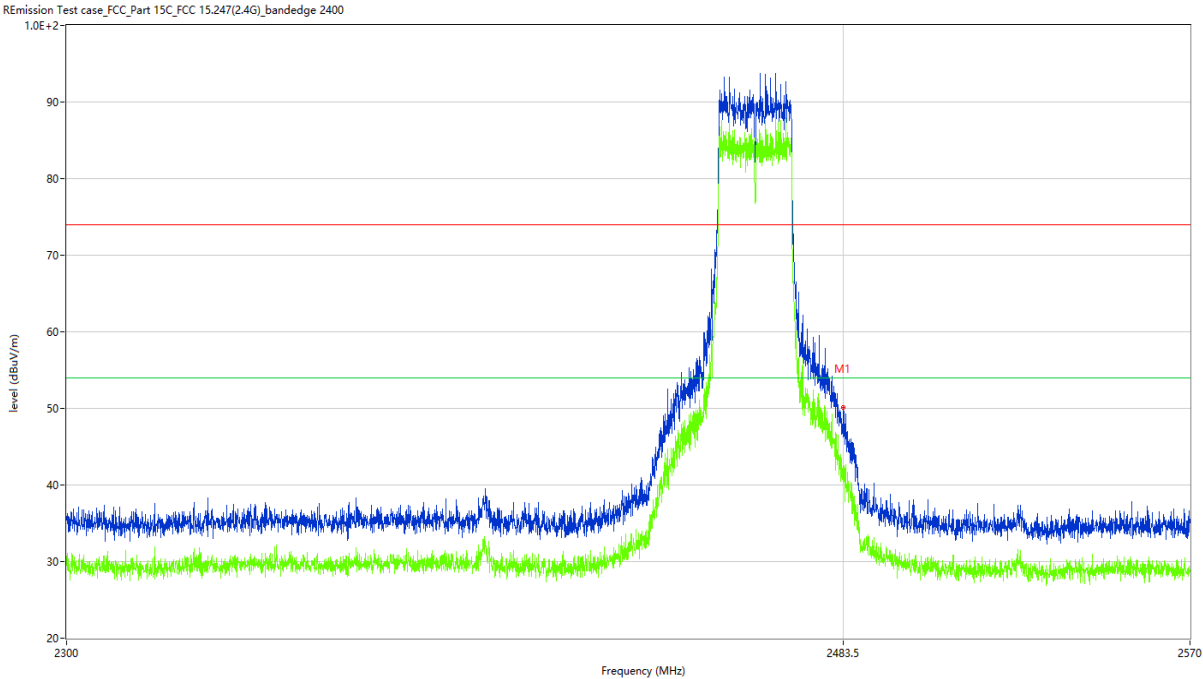
Vertical



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2400.000	54.11	-4.18	74.0	-19.89	Peak	283.20	100	V	Pass
1**	2400.000	49.22	-4.18	54.0	-4.78	AV	283.20	100	V	Pass

TEST REPORT

Figure 55: Band Edge (Restricted-band band-edge), 802.11n(HT20), 2462MHz
Horizontal



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	50.00	-3.87	74.0	-24.00	Peak	351.58	100	H	Pass
1**	2483.500	42.34	-3.87	54.0	-11.66	AV	351.58	100	H	Pass

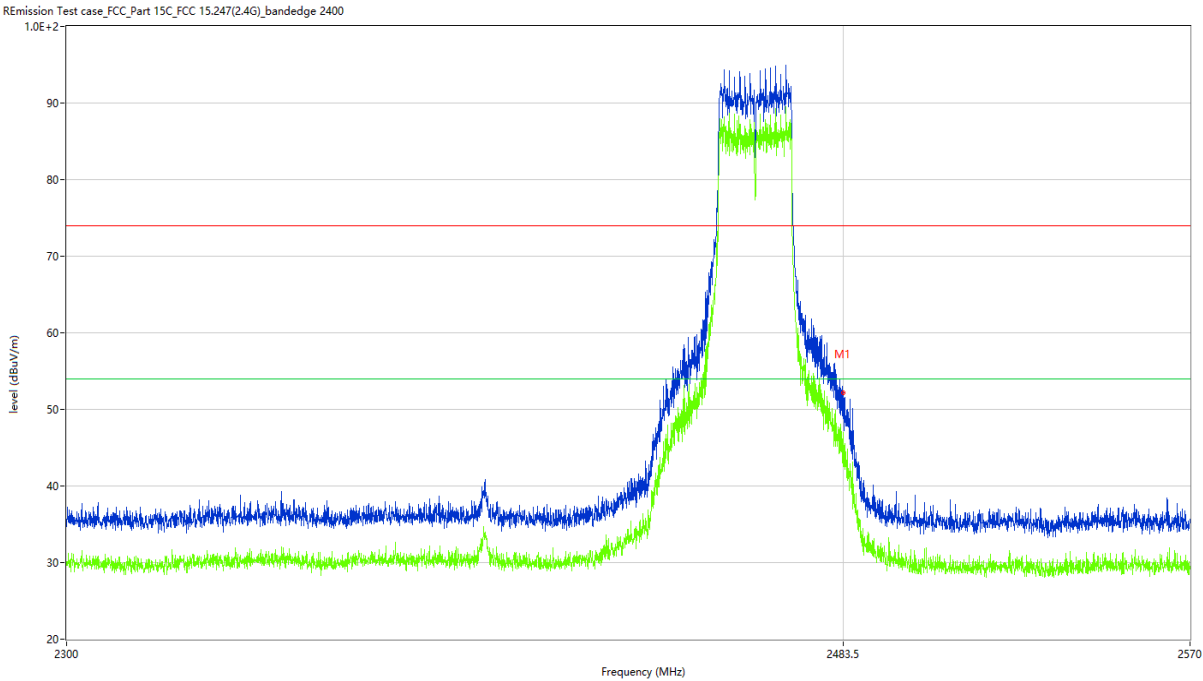
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Vertical



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	51.93	-3.87	74.0	-22.07	Peak	287.76	100	V	Pass
1**	2483.500	46.41	-3.87	54.0	-7.59	AV	287.76	100	V	Pass

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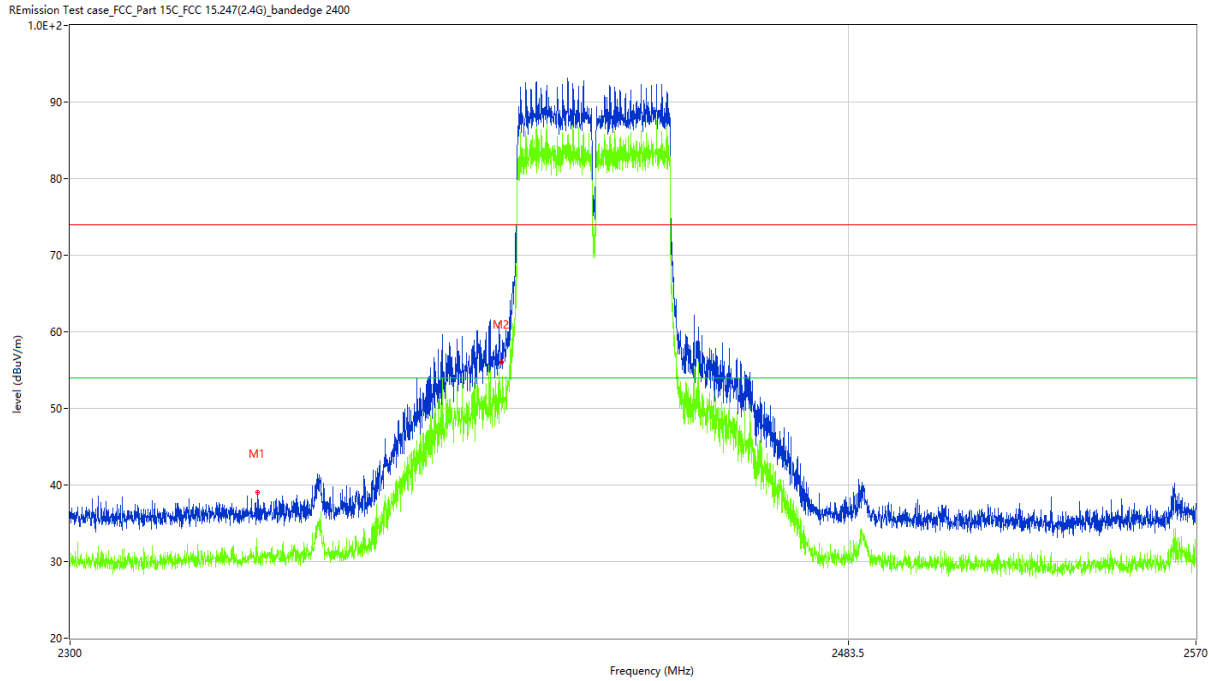
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Figure 56: Band Edge (Restricted-band band-edge), 802.11n(HT40), 2422MHz

Horizontal



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2342.987	39.04	-4.16	74.0	-34.96	Peak	356.00	100	Horizontal	Pass
1**	2342.987	31.33	-4.16	54.0	-22.67	AV	356.00	100	Horizontal	Pass
2	2400.000	55.97	-4.18	74.0	-18.03	Peak	277.72	100	H	Pass
2**	2400.000	49.79	-4.18	54.0	-4.21	AV	277.72	100	H	Pass

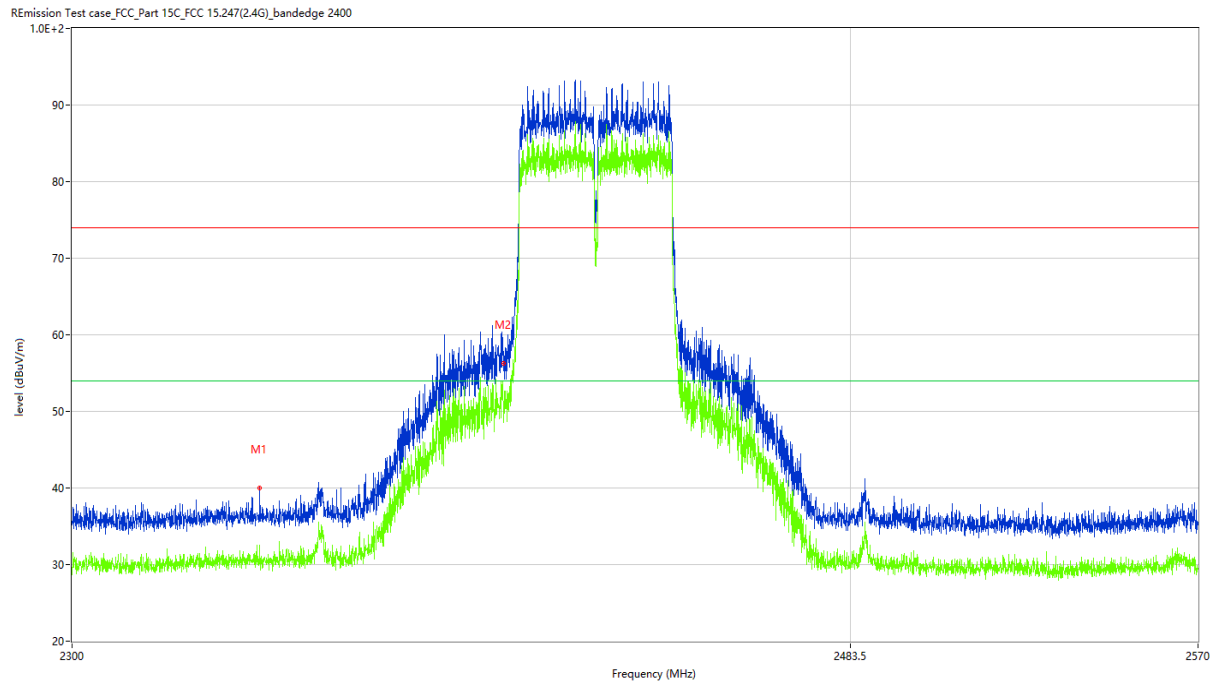
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Vertical



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2342.987	40.06	-4.16	74.0	-33.94	Peak	71.10	100	Vertical	Pass
1**	2342.987	32.51	-4.16	54.0	-21.49	AV	71.10	100	Vertical	Pass
2	2400.000	56.30	-4.18	74.0	-17.70	Peak	42.86	100	V	Pass
2**	2400.000	48.68	-4.18	54.0	-5.32	AV	42.86	100	V	Pass

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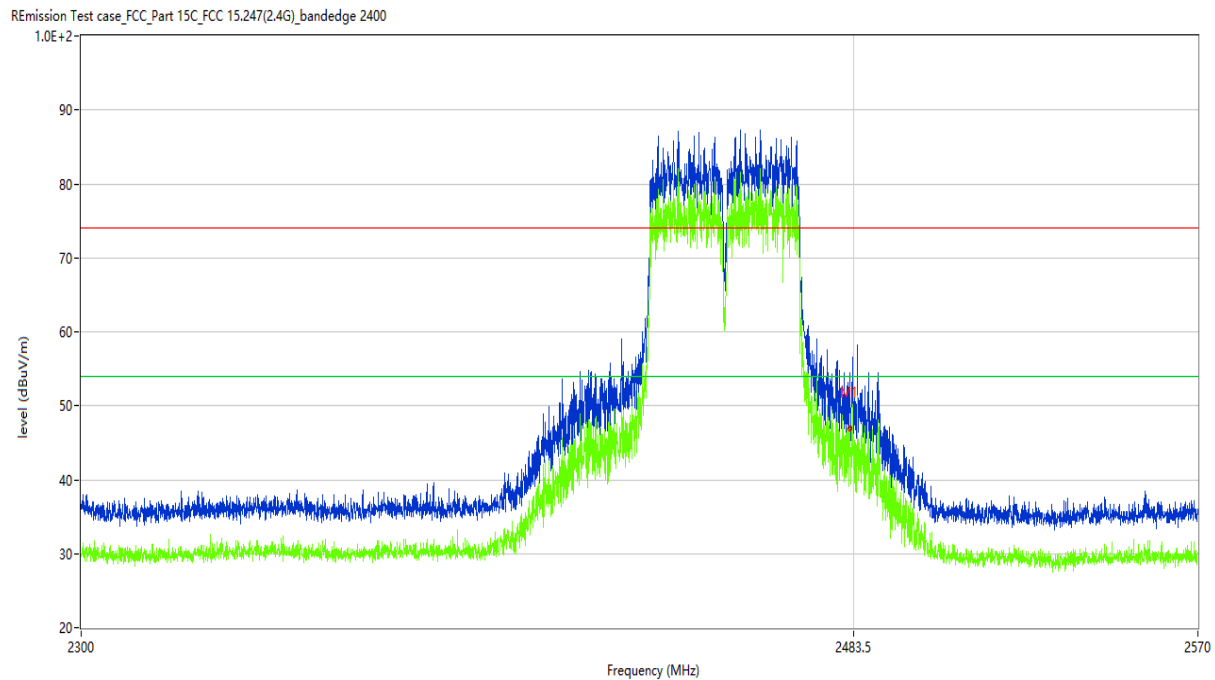
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Figure 57: Band Edge (Restricted-band band-edge), 802.11n(HT40), 2452MHz

Horizontal



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	47.19	-3.87	74.0	-26.81	Peak	254.67	100	H	Pass
1**	2483.500	41.55	-3.87	54.0	-12.45	AV	254.67	100	H	Pass

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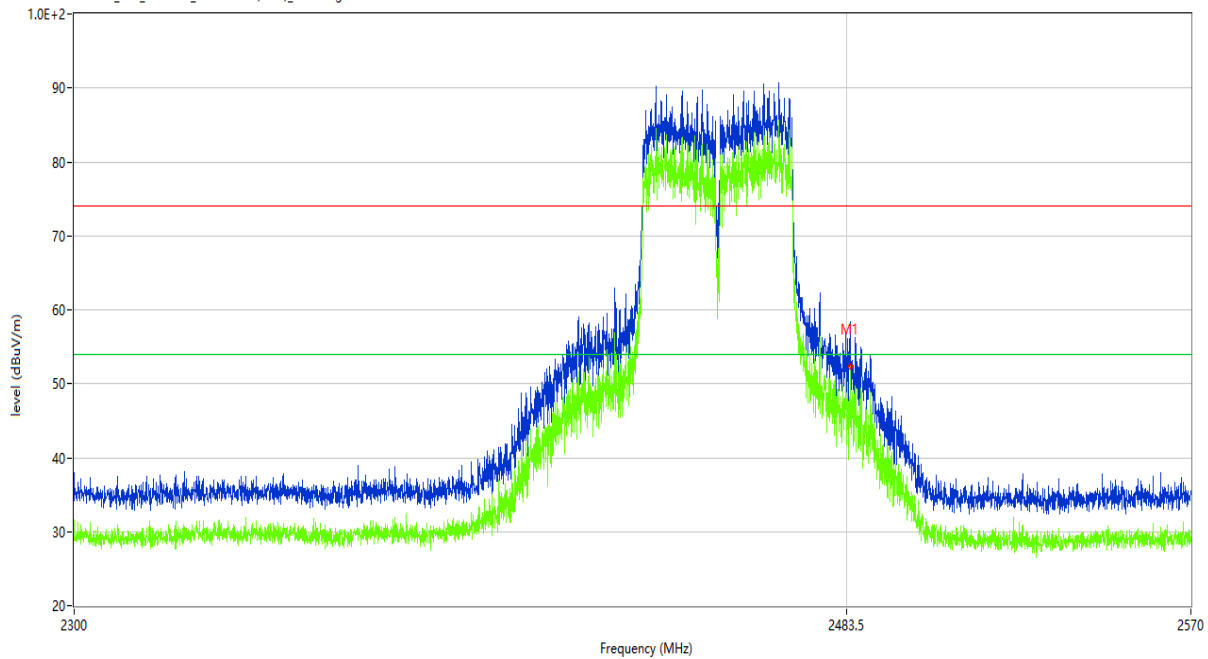
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Vertical

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No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	52.51	-3.87	74.0	-21.49	Peak	0.32	100	V	Pass
1**	2483.500	47.84	-3.87	54.0	-6.16	AV	0.32	100	V	Pass

End of the report