

TEST REPORT

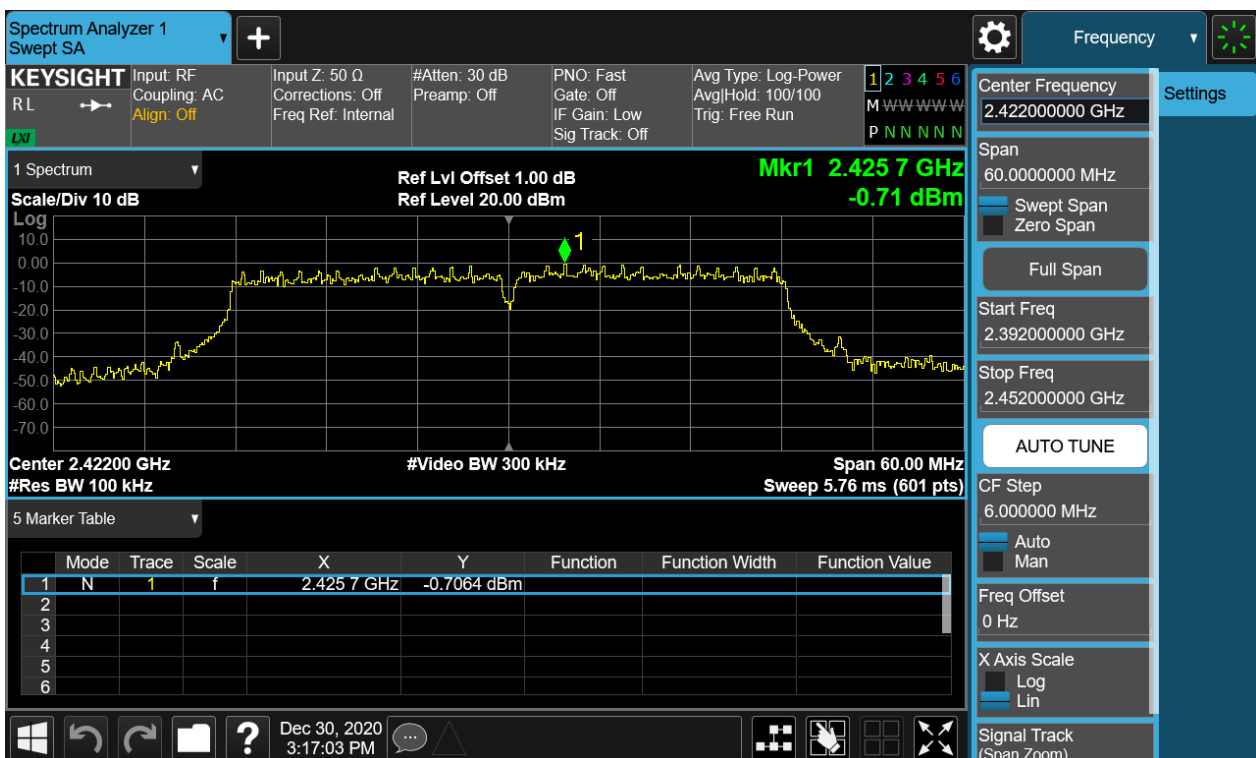
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Chain 1 Conducted Spurious Emission & Authorized-band band-edge, 802.11n(HT40), 2422MHz Carrier Level



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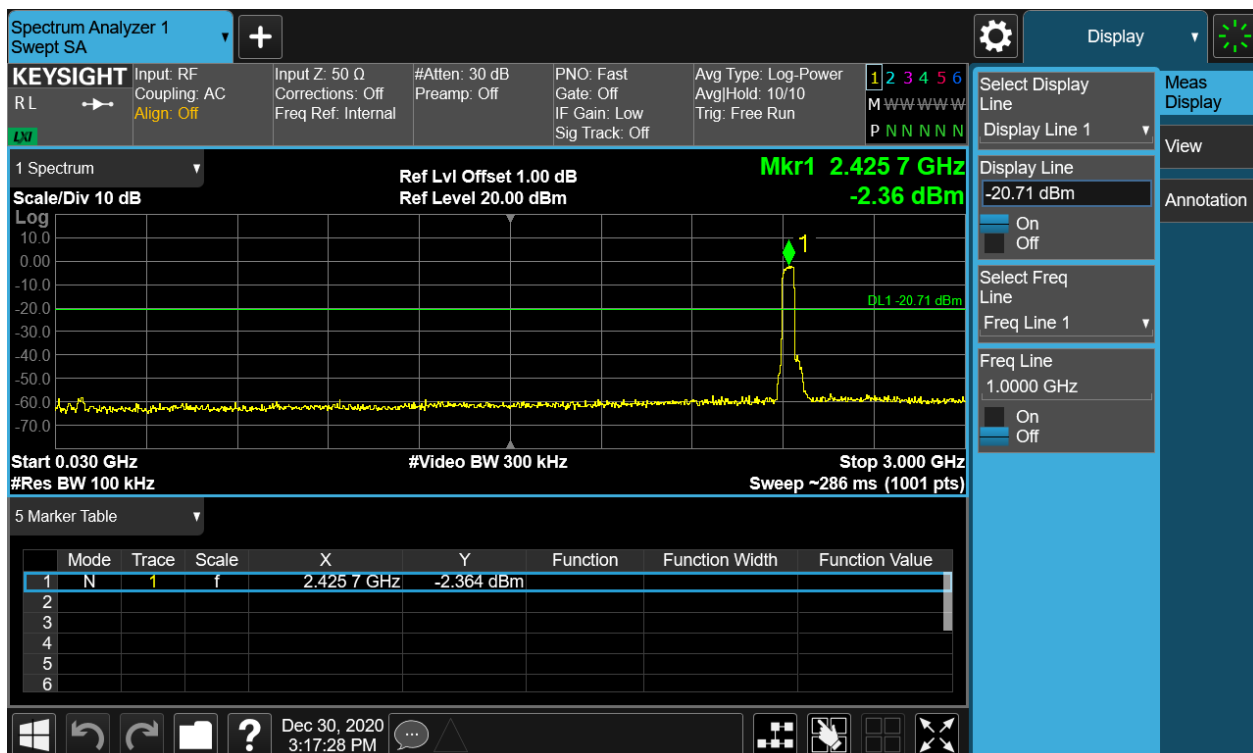
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Band Edge



Conducted spurious emissions 30MHz-25GHz



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Chain 0 Conducted Spurious Emission & Authorized-band band-edge, 802.11n(HT40), 2437MHz Carrier Level



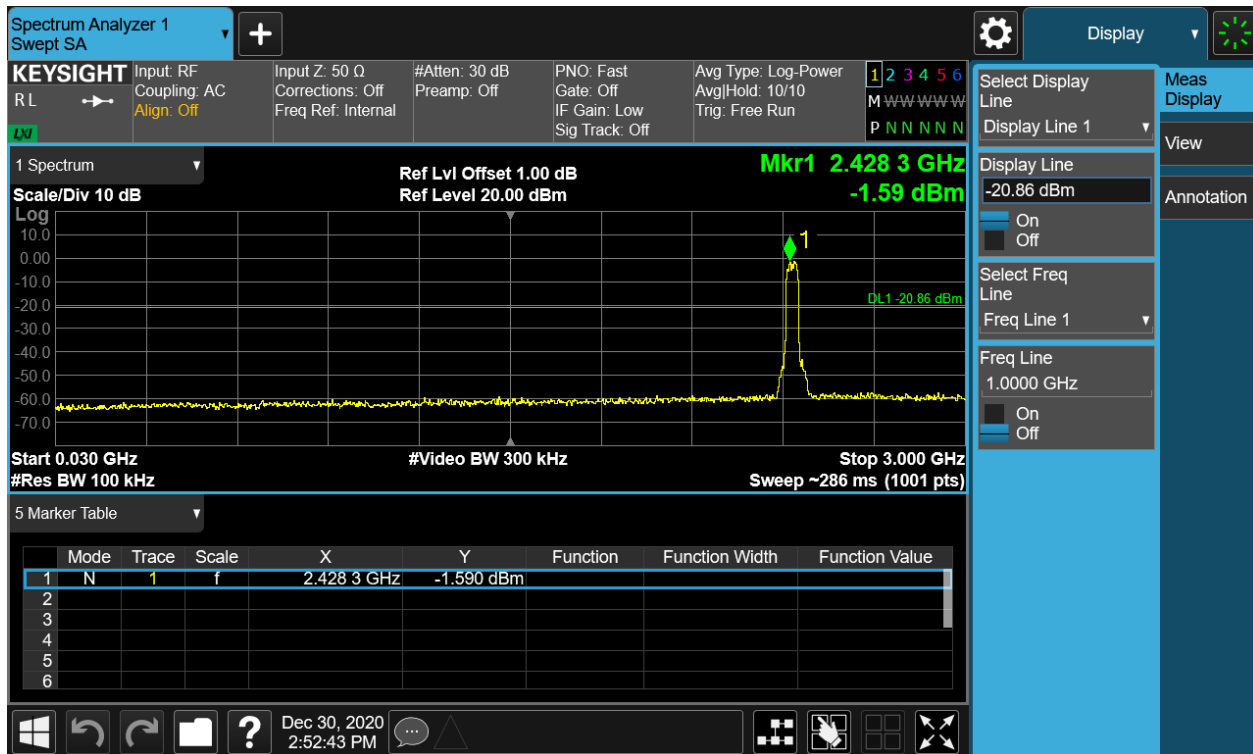
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Conducted spurious emissions 30MHz-25GHz



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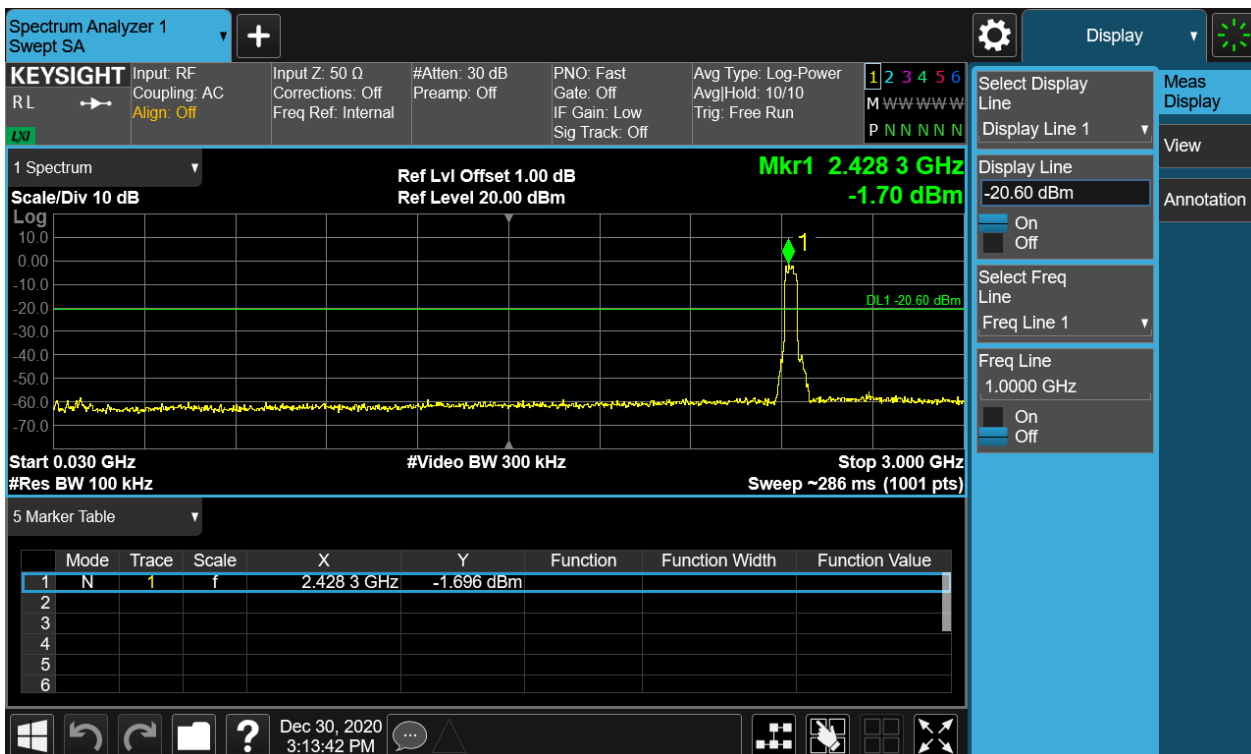
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Chain 1 Conducted Spurious Emission & Authorized-band band-edge, 802.11n(HT40), 2437MHz Carrier Level



Conducted spurious emissions 30MHz-25GHz



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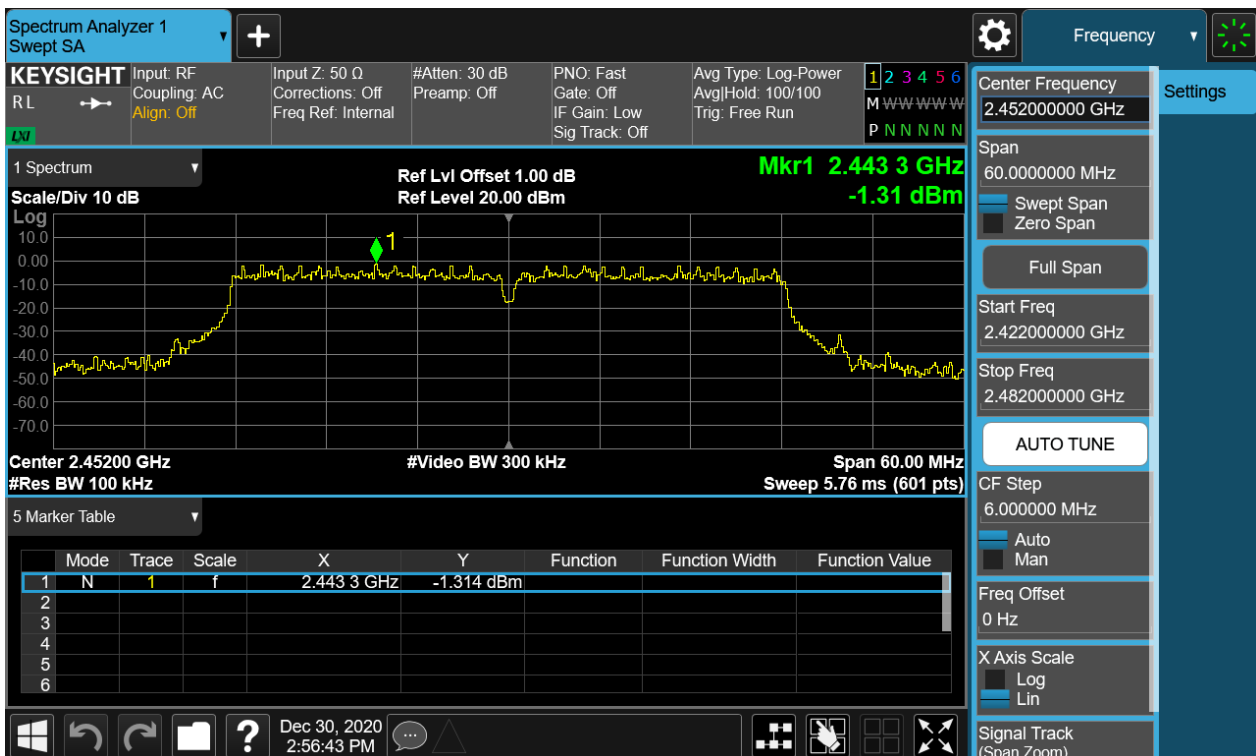
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Chain 0 Conducted Spurious Emission & Authorized-band band-edge, 802.11n(HT40), 2452MHz Carrier Level



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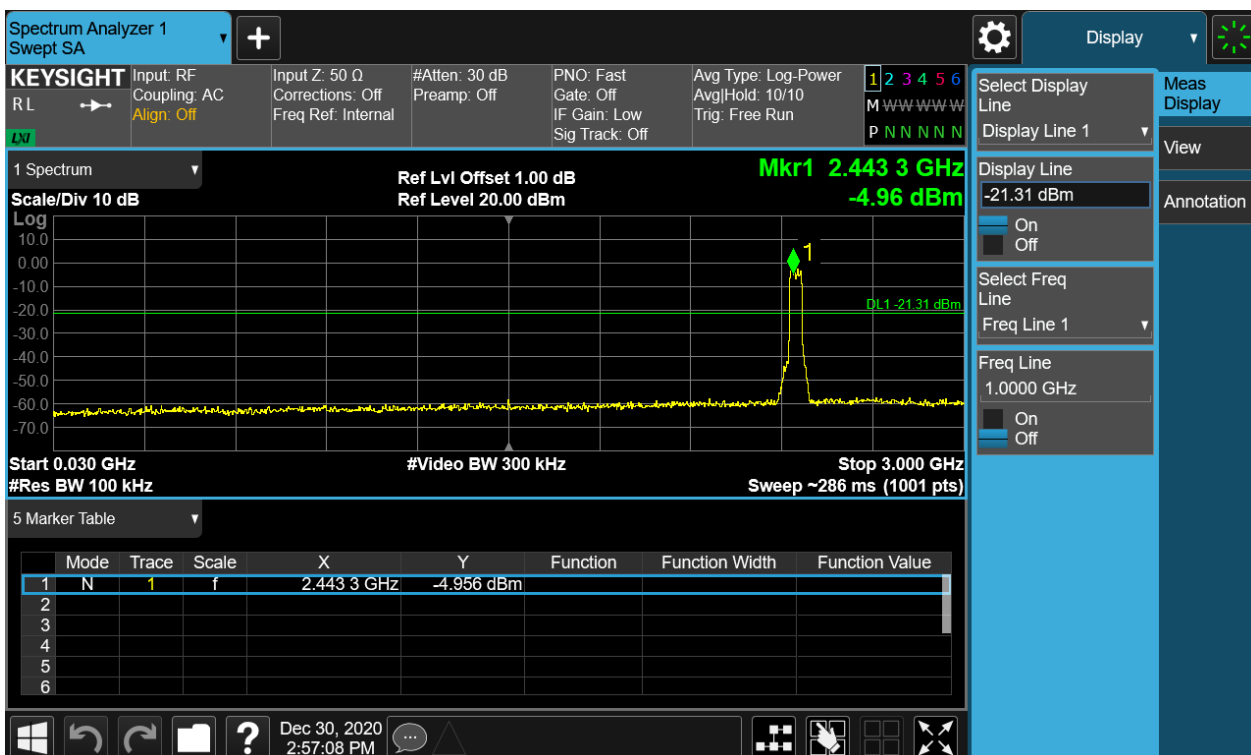
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Band Edge



Conducted spurious emissions 30MHz-25GHz

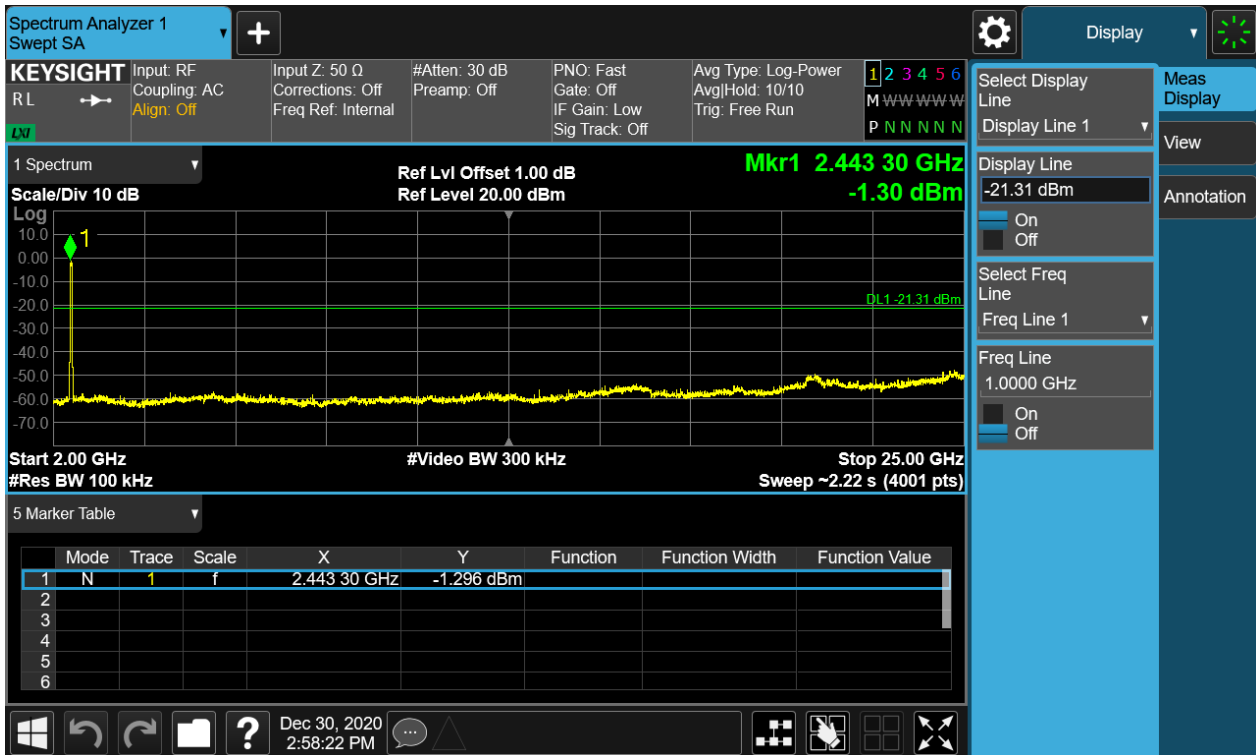


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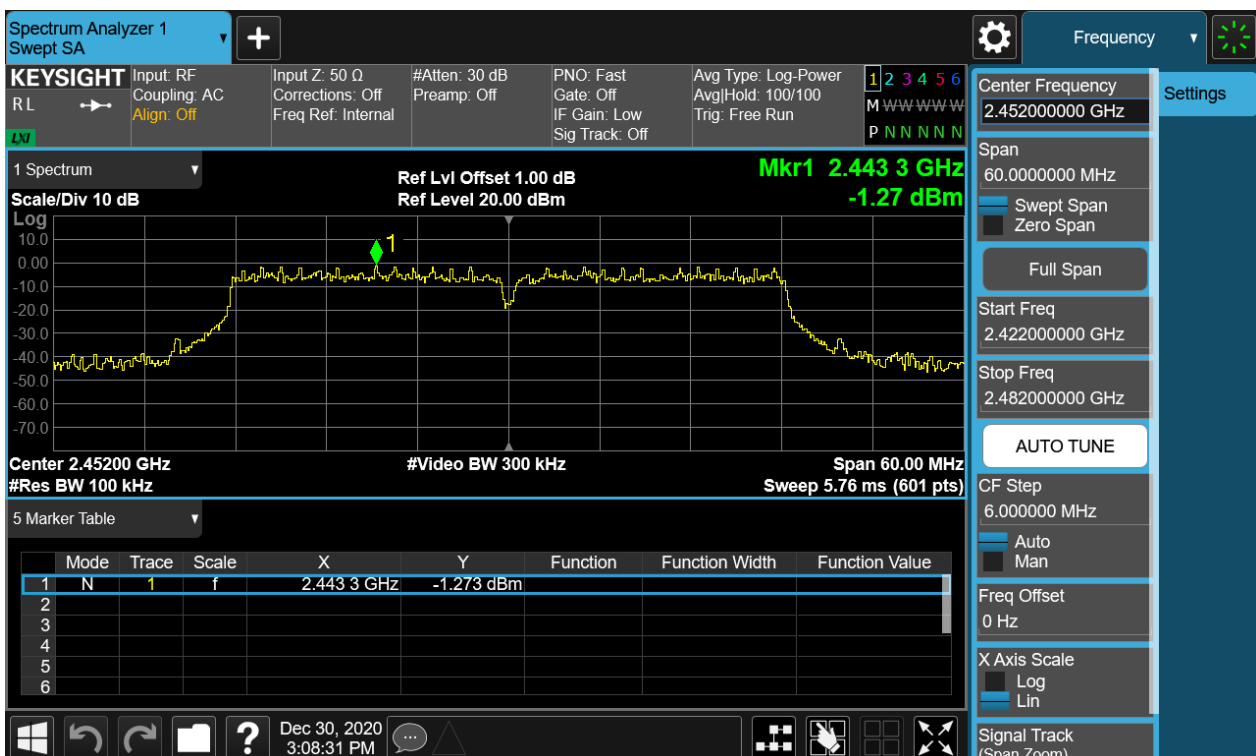
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Chain 1 Conducted Spurious Emission & Authorized-band band-edge, 802.11n(HT40), 2452MHz Carrier Level



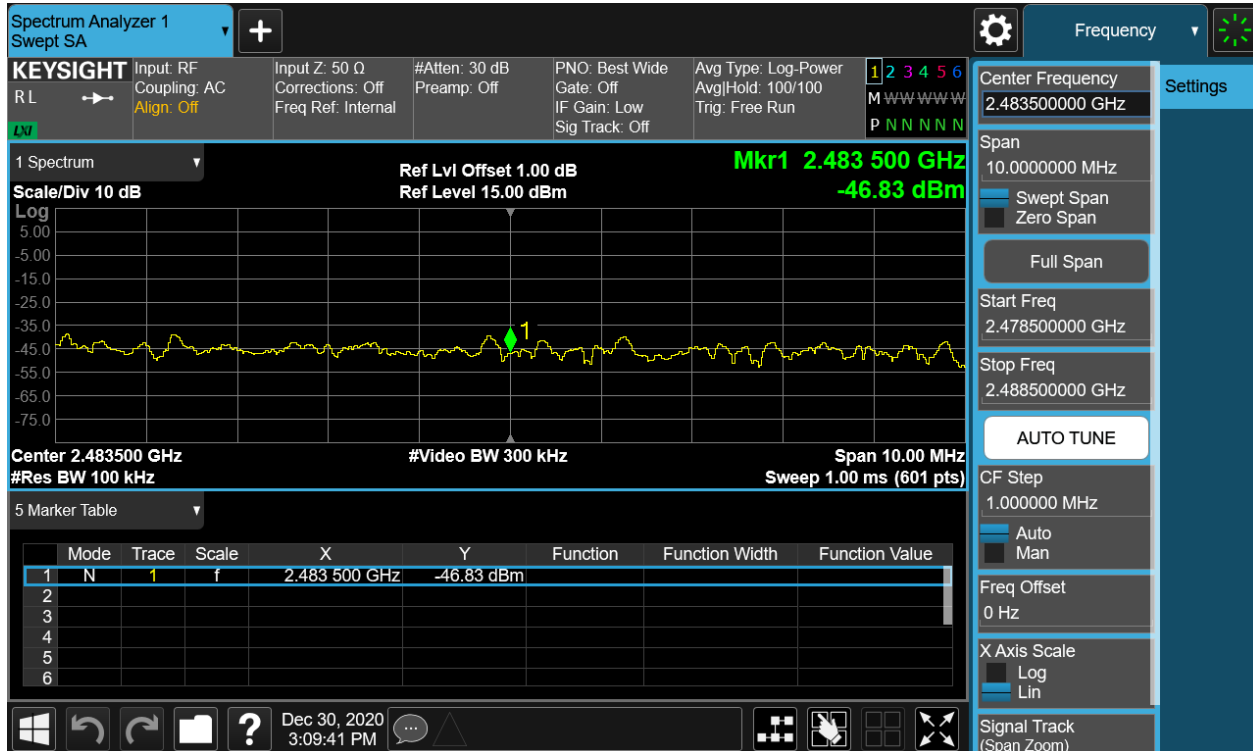
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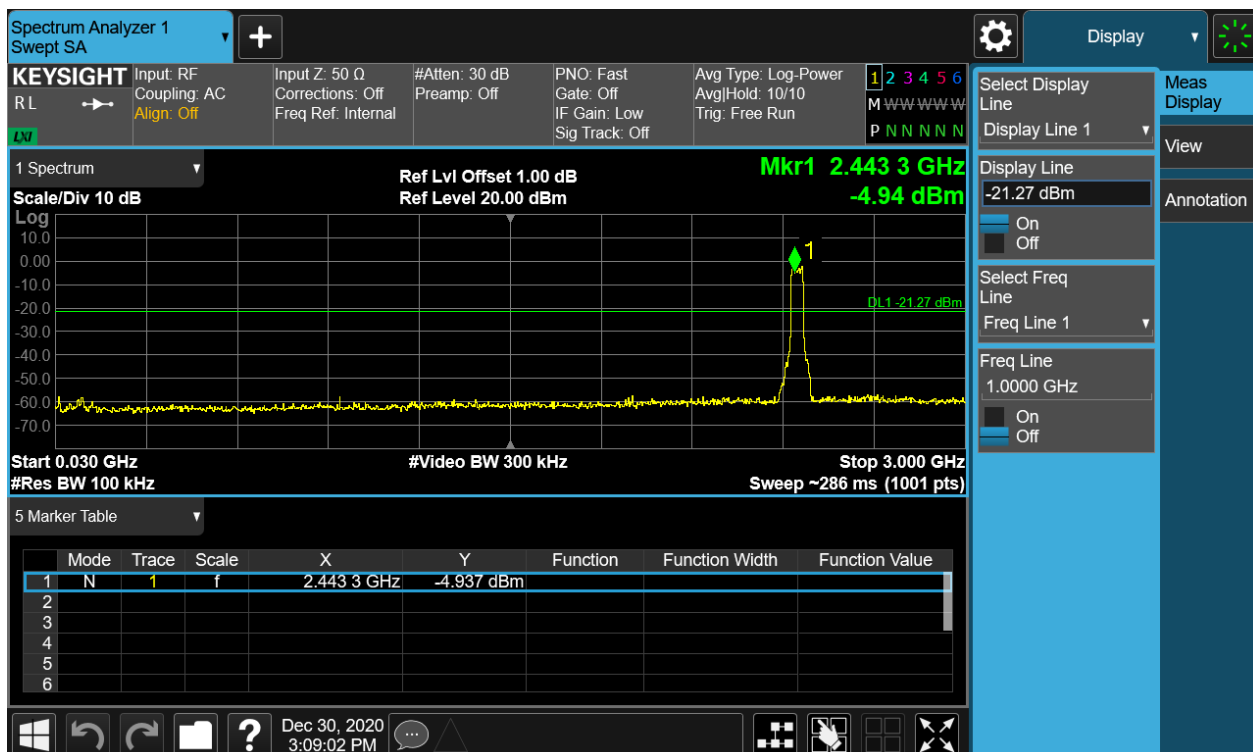
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Band Edge



Conducted spurious emissions 30MHz-25GHz



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4.1.6 Spurious Emission

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

Ambient temperature : 25°C

Relative humidity : 52%

For details refer to following test plot.

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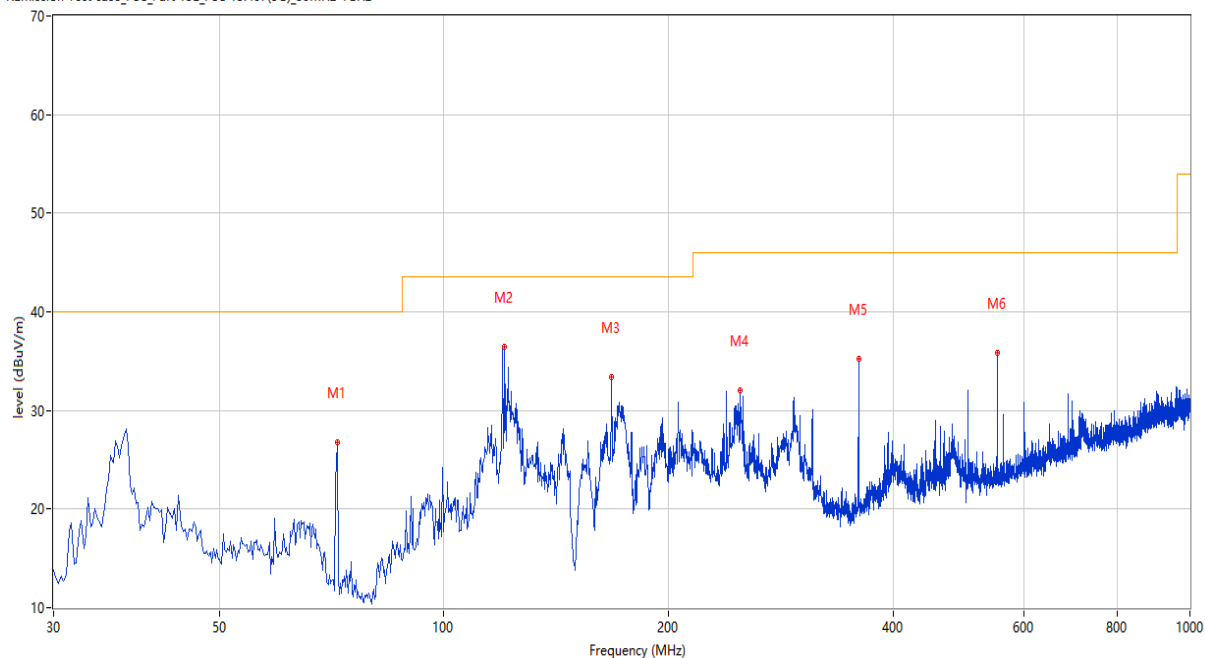
Notes:

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.
4. The all chains(antenna 0 and 1) were tested respectively, but only the worst configuration shown here.

Spurious Emission, 30MHz – 1GHz, TX mode worst case

30MHz-1GHz, Horizontal

REmission Test case_FCC_Part 15E_FCC 15.407(5G)_30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	71.942	26.79	-23.36	40.0	-13.21	Peak	113.20	150	Horizontal	Pass
2	120.672	36.48	-21.08	43.5	-7.02	Peak	32.80	150	Horizontal	Pass
3	167.948	33.40	-22.66	43.5	-10.10	Peak	46.60	150	Horizontal	Pass
4	249.408	32.04	-18.14	46.0	-13.96	Peak	359.40	150	Horizontal	Pass
5	359.960	35.21	-14.97	46.0	-10.79	Peak	234.50	150	Horizontal	Pass
6	551.972	35.83	-10.62	46.0	-10.17	Peak	19.80	150	Horizontal	Pass

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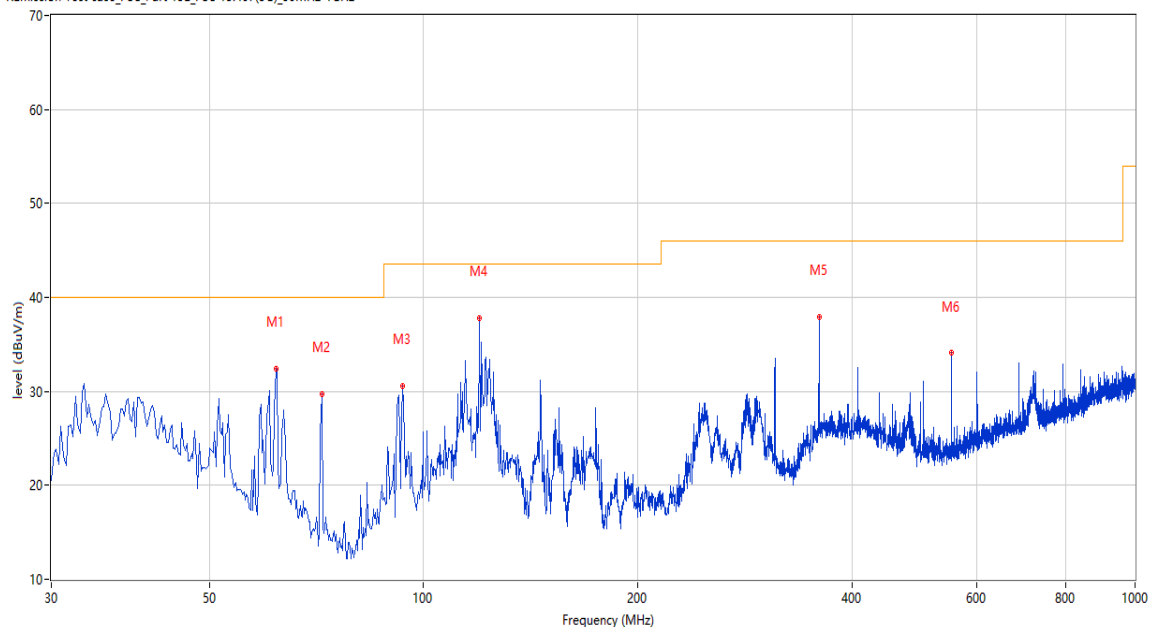
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Spurious Emission, 30MHz – 1GHz, TX mode worst case

30MHz-1GHz, Vertical

REmission Test case_FCC_Part 15E_FCC 15.407(5G)_30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	62.002	32.42	-20.29	40.0	-7.58	Peak	36.70	150	Vertical	Pass
2	71.942	29.77	-23.36	40.0	-10.23	Peak	245.10	150	Vertical	Pass
3	93.519	30.58	-20.99	43.5	-12.92	Peak	99.20	150	Vertical	Pass
4	119.945	37.82	-21.00	43.5	-5.68	Peak	360.00	150	Vertical	Pass
5	359.960	37.95	-14.97	46.0	-8.05	Peak	100.10	150	Vertical	Pass
6	551.972	34.08	-10.62	46.0	-11.92	Peak	233.40	150	Vertical	Pass

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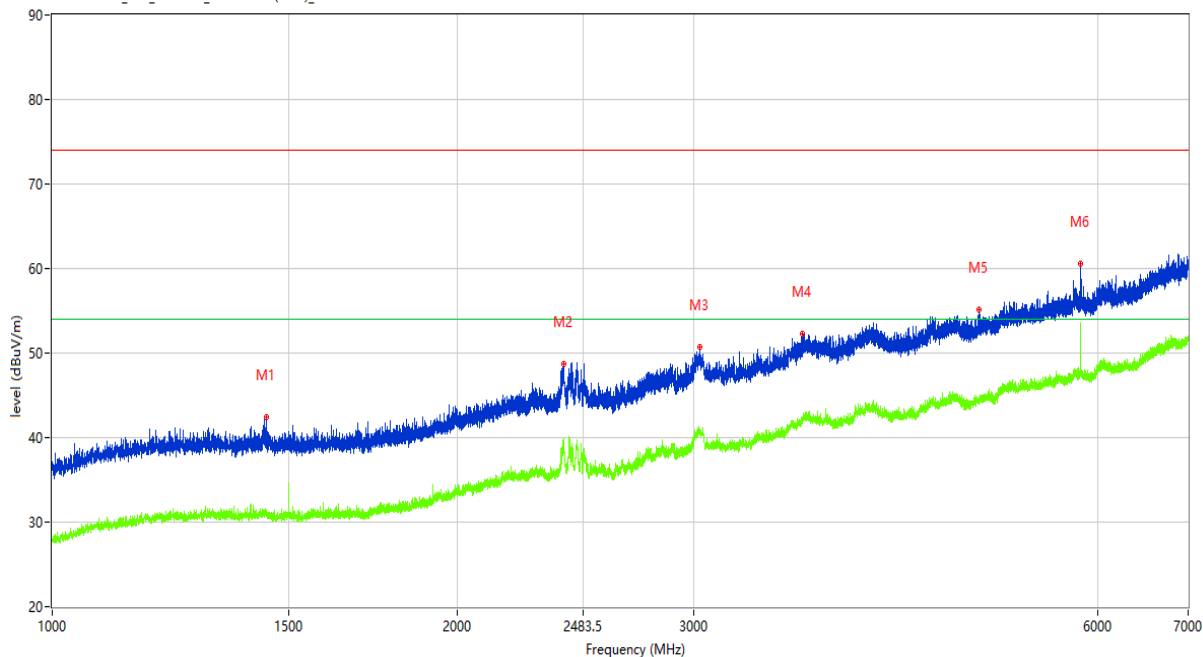
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Spurious Emission, 1GHz – 10th Harmonic, 802.11b, 2412MHz

1GHz-7GHz, Horizontal

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	1443.445	42.49	-12.79	74.0	-31.51	Peak	338.40	150	Horizontal	Pass
1**	1443.445	31.45	-12.79	54.0	-22.55	AV	338.40	150	Horizontal	Pass
2	2400.825	48.73	-4.48	74.0	-25.27	Peak	185.00	150	Horizontal	Pass
2**	2400.825	39.90	-4.48	54.0	-14.10	AV	185.00	150	Horizontal	Pass
3	3033.996	50.72	-4.71	74.0	-23.28	Peak	36.40	150	Horizontal	Pass
3**	3033.996	40.83	-4.71	54.0	-13.17	AV	36.40	150	Horizontal	Pass
4	3616.923	52.22	-2.51	74.0	-21.78	Peak	338.90	150	Horizontal	Pass
4**	3616.923	41.69	-2.51	54.0	-12.31	AV	338.90	150	Horizontal	Pass
5	4896.263	55.11	-0.83	74.0	-18.89	Peak	36.40	150	Horizontal	Pass
5**	4896.263	44.60	-0.83	54.0	-9.40	AV	36.40	150	Horizontal	Pass
6	5820.647	60.56	1.31	74.0	-13.44	Peak	125.30	150	Horizontal	Pass
6**	5820.647	52.86	1.31	54.0	-1.14	AV	125.30	150	Horizontal	Pass

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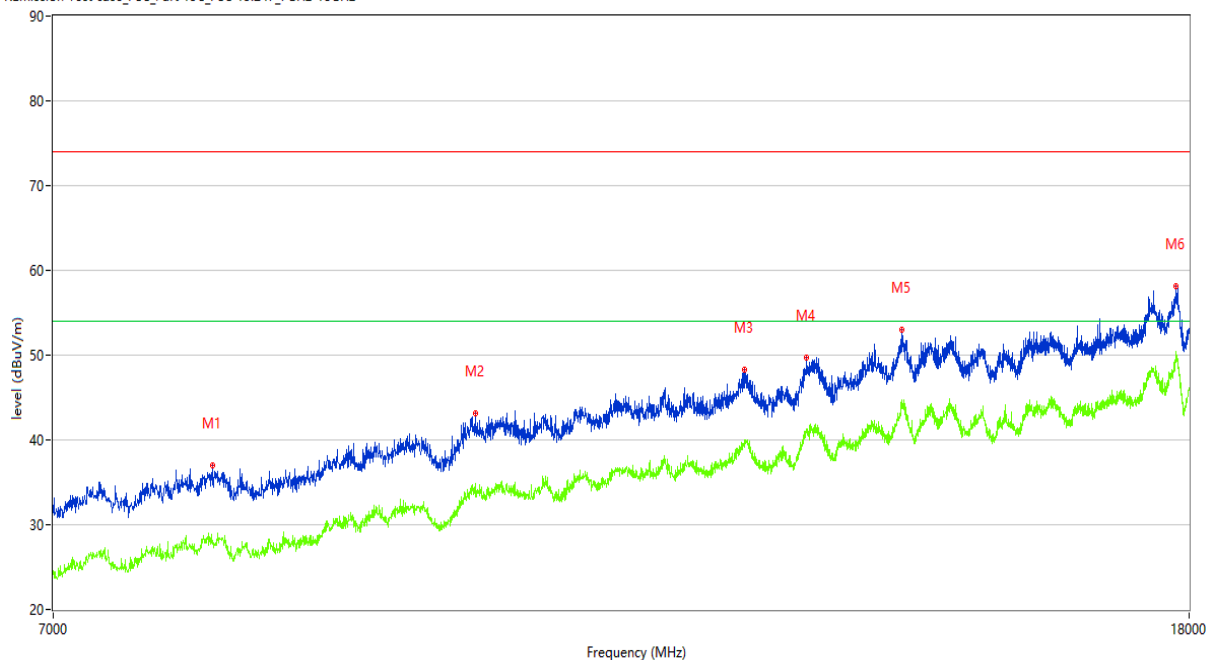
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7GHz-18GHz, Horizontal

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	7989.753	37.04	7.52	74.0	-36.96	Peak	161.50	150	Horizontal	Pass
1**	7989.753	28.08	7.52	54.0	-25.92	AV	161.50	150	Horizontal	Pass
2	9944.514	43.20	13.39	74.0	-30.80	Peak	27.20	150	Horizontal	Pass
2**	9944.514	33.84	13.39	54.0	-20.16	AV	27.20	150	Horizontal	Pass
3	12432.642	48.34	17.07	74.0	-25.66	Peak	298.80	150	Horizontal	Pass
3**	12432.642	39.23	17.07	54.0	-14.77	AV	298.80	150	Horizontal	Pass
4	13095.226	49.76	18.46	74.0	-24.24	Peak	81.90	150	Horizontal	Pass
4**	13095.226	41.16	18.46	54.0	-12.84	AV	81.90	150	Horizontal	Pass
5	14181.205	53.02	22.16	74.0	-20.98	Peak	236.70	150	Horizontal	Pass
5**	14181.205	44.13	22.16	54.0	-9.87	AV	236.70	150	Horizontal	Pass
6	17804.799	58.17	24.91	74.0	-15.83	Peak	294.30	150	Horizontal	Pass
6**	17804.799	50.50	24.91	54.0	-3.50	AV	294.30	150	Horizontal	Pass

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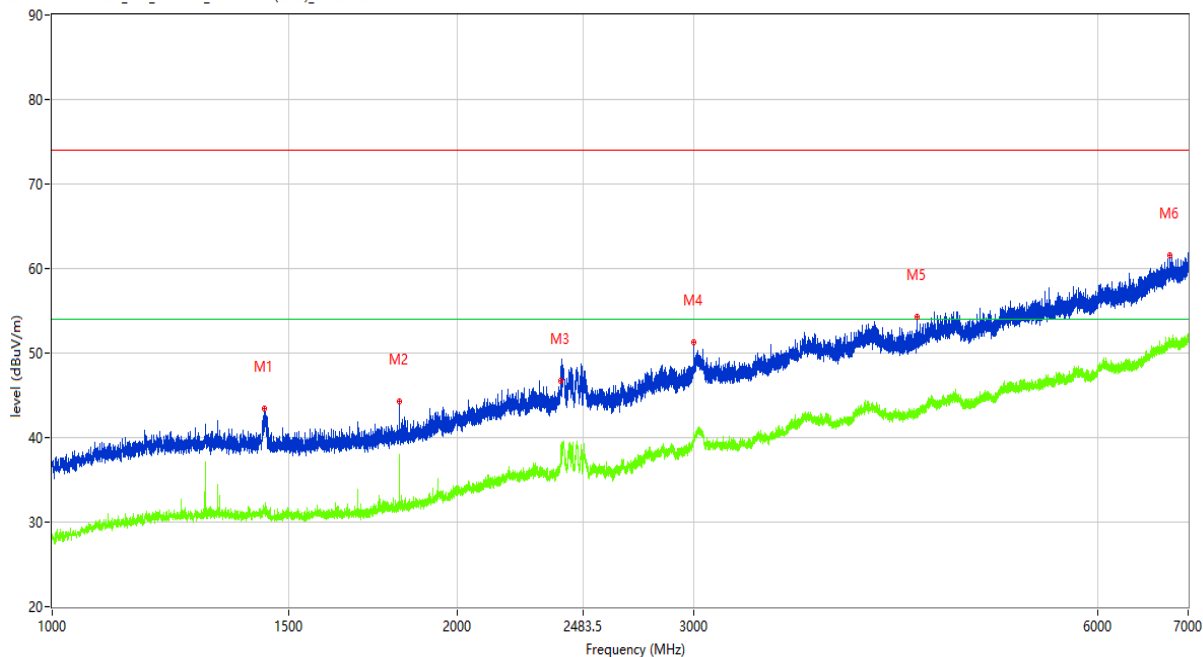
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Spurious Emission, 1GHz – 10th Harmonic, 802.11b, 2412MHz

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	1439.445	43.36	-12.74	74.0	-30.64	Peak	360.00	150	Vertical	Pass
1**	1439.445	31.18	-12.74	54.0	-22.82	AV	360.00	150	Vertical	Pass
2	1812.398	44.30	-12.11	74.0	-29.70	Peak	10.50	150	Vertical	Pass
2**	1812.398	37.98	-12.11	54.0	-16.02	AV	10.50	150	Vertical	Pass
3	2388.076	46.77	-6.78	74.0	-27.23	Peak	268.40	150	Vertical	Pass
3**	2388.076	36.79	-6.78	54.0	-17.21	AV	268.40	150	Vertical	Pass
4	2999.500	51.33	-2.80	74.0	-22.67	Peak	70.80	150	Vertical	Pass
4**	2999.500	40.15	-2.80	54.0	-13.85	AV	70.80	150	Vertical	Pass
5	4396.325	54.30	-2.31	74.0	-19.70	Peak	340.70	150	Vertical	Pass
5**	4396.325	43.00	-2.31	54.0	-11.00	AV	340.70	150	Vertical	Pass
6	6787.027	61.51	4.06	74.0	-12.49	Peak	327.30	150	Vertical	Pass
6**	6787.027	51.73	4.06	54.0	-2.27	AV	327.30	150	Vertical	Pass

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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	7951.262	37.19	7.14	74.0	-36.81	Peak	98.70	150	Vertical	Pass
1**	7951.262	28.20	7.14	54.0	-25.80	AV	98.70	150	Vertical	Pass
2	9180.205	40.46	10.65	74.0	-33.54	Peak	36.50	150	Vertical	Pass
2**	9180.205	31.32	10.65	54.0	-22.68	AV	36.50	150	Vertical	Pass
3	11203.699	45.21	14.64	74.0	-28.79	Peak	227.00	150	Vertical	Pass
3**	11203.699	36.19	14.64	54.0	-17.81	AV	227.00	150	Vertical	Pass
4	12457.386	48.27	17.17	74.0	-25.73	Peak	180.50	150	Vertical	Pass
4**	12457.386	39.77	17.17	54.0	-14.23	AV	180.50	150	Vertical	Pass
5	14208.698	52.27	21.88	74.0	-21.73	Peak	94.20	150	Vertical	Pass
5**	14208.698	43.13	21.88	54.0	-10.87	AV	94.20	150	Vertical	Pass
6	17799.300	57.77	25.06	74.0	-16.23	Peak	112.80	150	Vertical	Pass
6**	17799.300	49.58	25.06	54.0	-4.42	AV	112.80	150	Vertical	Pass

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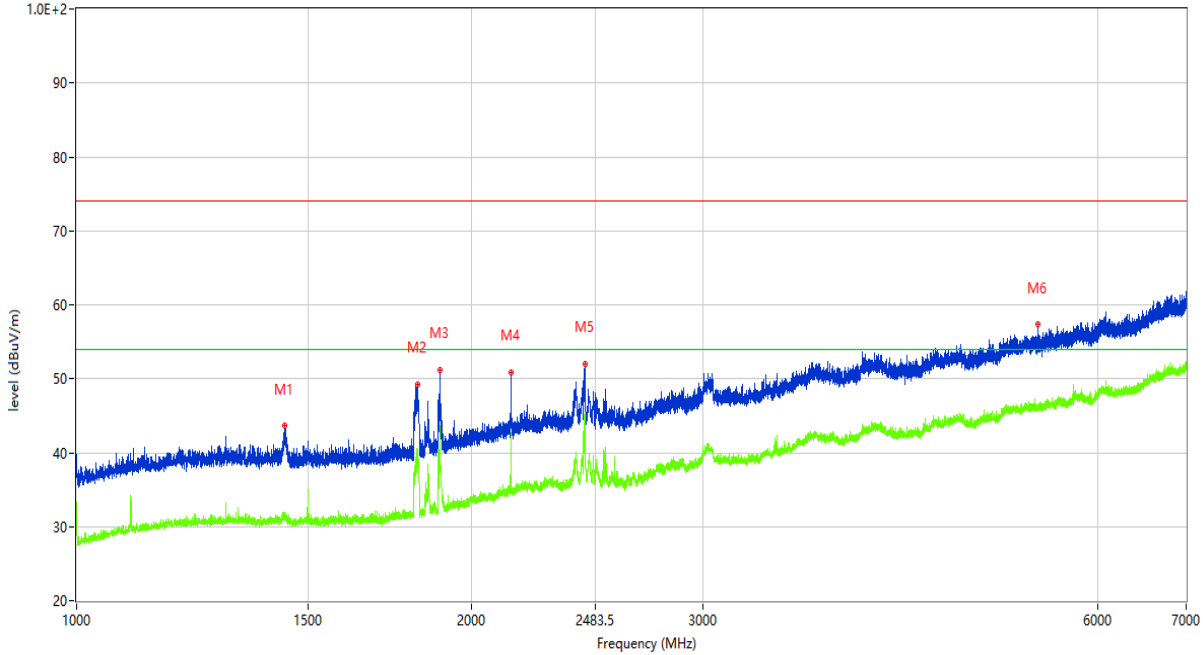
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Spurious Emission, 1GHz – 10th Harmonic, 802.11b, 2437MHz

1GHz-7GHz, Horizontal

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	1440.945	43.60	-12.76	74.0	-30.40	Peak	69.30	150	Horizontal	Pass
1**	1440.945	31.39	-12.76	54.0	-22.61	AV	69.30	150	Horizontal	Pass
2	1819.648	49.29	-12.04	74.0	-24.71	Peak	14.90	150	Horizontal	Pass
2**	1819.648	40.19	-12.04	54.0	-13.81	AV	14.90	150	Horizontal	Pass
3	1891.389	51.16	-11.54	74.0	-22.84	Peak	32.80	150	Horizontal	Pass
3**	1891.389	42.63	-11.54	54.0	-11.37	AV	32.80	150	Horizontal	Pass
4	2142.607	50.85	-8.86	74.0	-23.15	Peak	3.70	150	Horizontal	Pass
4**	2142.607	41.05	-8.86	54.0	-12.95	AV	3.70	150	Horizontal	Pass
5	2438.070	52.00	-4.81	74.0	-22.00	Peak	186.50	150	Horizontal	Pass
5**	2438.070	44.85	-4.81	54.0	-9.15	AV	186.50	150	Horizontal	Pass
6	5401.700	57.34	-0.47	74.0	-16.66	Peak	125.60	150	Horizontal	Pass
6**	5401.700	45.86	-0.47	54.0	-8.14	AV	125.60	150	Horizontal	Pass

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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	8498.375	37.30	7.28	74.0	-36.70	Peak	140.30	150	Horizontal	Pass
1**	8498.375	28.09	7.28	54.0	-25.91	AV	140.30	150	Horizontal	Pass
2	10145.214	42.76	13.11	74.0	-31.24	Peak	153.70	150	Horizontal	Pass
2**	10145.214	34.65	13.11	54.0	-19.35	AV	153.70	150	Horizontal	Pass
3	10854.536	44.66	14.67	74.0	-29.34	Peak	324.10	150	Horizontal	Pass
3**	10854.536	36.28	14.67	54.0	-17.72	AV	324.10	150	Horizontal	Pass
4	12402.399	48.41	16.94	74.0	-25.59	Peak	95.30	150	Horizontal	Pass
4**	12402.399	39.44	16.94	54.0	-14.56	AV	95.30	150	Horizontal	Pass
5	13169.458	49.62	18.52	74.0	-24.38	Peak	17.20	150	Horizontal	Pass
5**	13169.458	41.48	18.52	54.0	-12.52	AV	17.20	150	Horizontal	Pass
6	17810.297	57.63	24.75	74.0	-16.37	Peak	274.60	150	Horizontal	Pass
6**	17810.297	49.65	24.75	54.0	-4.35	AV	274.60	150	Horizontal	Pass

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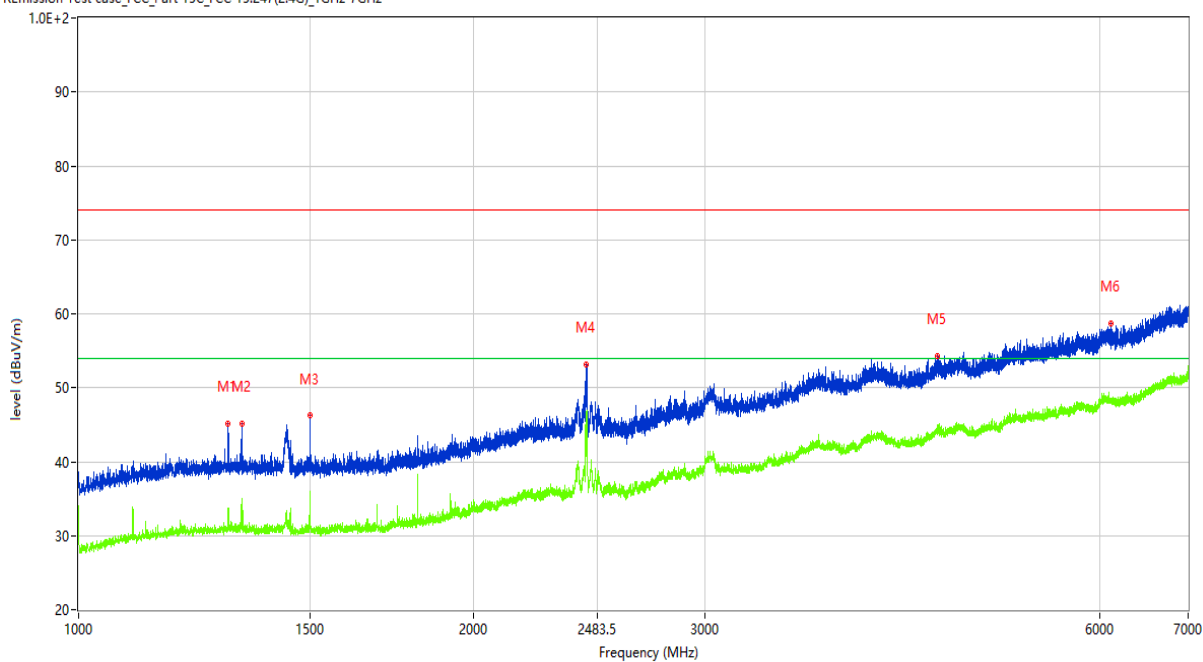
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Spurious Emission, 1GHz – 10th Harmonic, 802.11b, 2437MHz

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	1299.963	45.13	-12.68	74.0	-28.87	Peak	0.00	150	Vertical	Pass
1**	1299.963	33.28	-12.68	54.0	-20.72	AV	0.00	150	Vertical	Pass
2	1331.959	45.21	-12.77	74.0	-28.79	Peak	69.20	150	Vertical	Pass
2**	1331.959	35.10	-12.77	54.0	-18.90	AV	69.20	150	Vertical	Pass
3	1499.688	46.25	-12.95	74.0	-27.75	Peak	46.60	150	Vertical	Pass
3**	1499.688	35.98	-12.95	54.0	-18.02	AV	46.60	150	Vertical	Pass
4	2434.321	53.16	-4.78	74.0	-20.84	Peak	97.10	150	Vertical	Pass
4**	2434.321	46.84	-4.78	54.0	-7.16	AV	97.10	150	Vertical	Pass
5	4510.811	54.34	-0.72	74.0	-19.66	Peak	41.90	150	Vertical	Pass
5**	4510.811	44.85	-0.72	54.0	-9.15	AV	41.90	150	Vertical	Pass
6	6112.111	58.74	1.77	74.0	-15.26	Peak	131.60	150	Vertical	Pass
6**	6112.111	48.48	1.77	54.0	-5.52	AV	131.60	150	Vertical	Pass

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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	9405.649	41.02	11.52	74.0	-32.98	Peak	251.20	150	Vertical	Pass
1**	9405.649	32.68	11.52	54.0	-21.32	AV	251.20	150	Vertical	Pass
2	10846.288	44.51	14.65	74.0	-29.49	Peak	104.60	150	Vertical	Pass
2**	10846.288	36.34	14.65	54.0	-17.66	AV	104.60	150	Vertical	Pass
3	12460.135	48.55	17.18	74.0	-25.45	Peak	191.30	150	Vertical	Pass
3**	12460.135	40.03	17.18	54.0	-13.97	AV	191.30	150	Vertical	Pass
4	13169.458	49.83	18.52	74.0	-24.17	Peak	241.90	150	Vertical	Pass
4**	13169.458	41.79	18.52	54.0	-12.21	AV	241.90	150	Vertical	Pass
5	14728.318	53.05	21.08	74.0	-20.95	Peak	205.00	150	Vertical	Pass
5**	14728.318	43.90	21.08	54.0	-10.10	AV	205.00	150	Vertical	Pass
6	17818.545	58.06	24.50	74.0	-15.94	Peak	154.80	150	Vertical	Pass
6**	17818.545	50.14	24.50	54.0	-3.86	AV	154.80	150	Vertical	Pass

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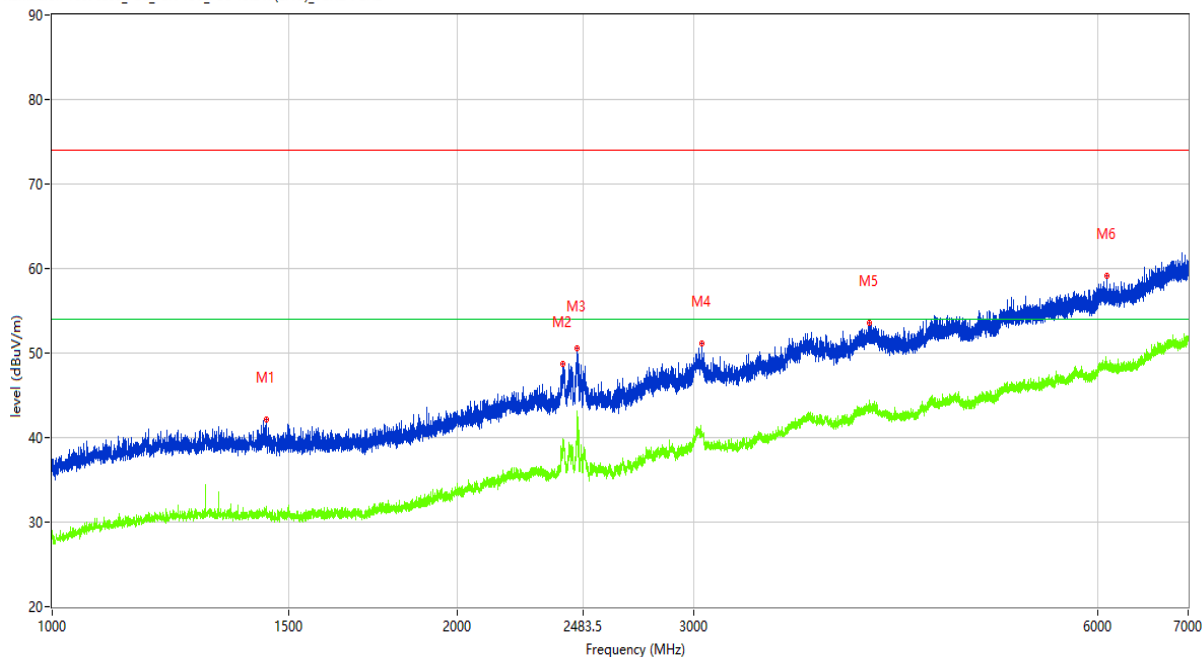
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Spurious Emission, 1GHz – 10th Harmonic, 802.11b, 2462MHz

1GHz-7GHz, Horizontal

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	1443.445	42.12	-12.79	74.0	-31.88	Peak	347.30	150	Horizontal	Pass
1**	1443.445	30.79	-12.79	54.0	-23.21	AV	347.30	150	Horizontal	Pass
2	2399.325	48.71	-4.46	74.0	-25.29	Peak	42.90	150	Horizontal	Pass
2**	2399.325	39.29	-4.46	54.0	-14.71	AV	42.90	150	Horizontal	Pass
3	2459.068	50.51	-4.99	74.0	-23.49	Peak	333.50	150	Horizontal	Pass
3**	2459.068	42.35	-4.99	54.0	-11.65	AV	333.50	150	Horizontal	Pass
4	3042.995	51.14	-5.00	74.0	-22.86	Peak	11.10	150	Horizontal	Pass
4**	3042.995	40.37	-5.00	54.0	-13.63	AV	11.10	150	Horizontal	Pass
5	4055.368	53.52	-1.36	74.0	-20.48	Peak	180.40	150	Horizontal	Pass
5**	4055.368	43.52	-1.36	54.0	-10.48	AV	180.40	150	Horizontal	Pass
6	6088.614	59.18	1.98	74.0	-14.82	Peak	34.90	150	Horizontal	Pass
6**	6088.614	48.96	1.98	54.0	-5.04	AV	34.90	150	Horizontal	Pass

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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	7954.011	37.37	7.17	74.0	-36.63	Peak	11.60	150	Horizontal	Pass
1**	7954.011	28.11	7.17	54.0	-25.89	AV	11.60	150	Horizontal	Pass
2	10332.167	43.34	12.82	74.0	-30.66	Peak	34.70	150	Horizontal	Pass
2**	10332.167	34.32	12.82	54.0	-19.68	AV	34.70	150	Horizontal	Pass
3	11646.338	46.22	14.83	74.0	-27.78	Peak	245.30	150	Horizontal	Pass
3**	11646.338	37.67	14.83	54.0	-16.33	AV	245.30	150	Horizontal	Pass
4	14192.202	52.31	22.26	74.0	-21.69	Peak	34.70	150	Horizontal	Pass
4**	14192.202	44.35	22.26	54.0	-9.65	AV	34.70	150	Horizontal	Pass
5	14764.059	52.71	21.52	74.0	-21.29	Peak	6.40	150	Horizontal	Pass
5**	14764.059	44.31	21.52	54.0	-9.69	AV	6.40	150	Horizontal	Pass
6	17799.300	57.49	25.06	74.0	-16.51	Peak	245.30	150	Horizontal	Pass
6**	17799.300	50.06	25.06	54.0	-3.94	AV	245.30	150	Horizontal	Pass

TEST REPORT

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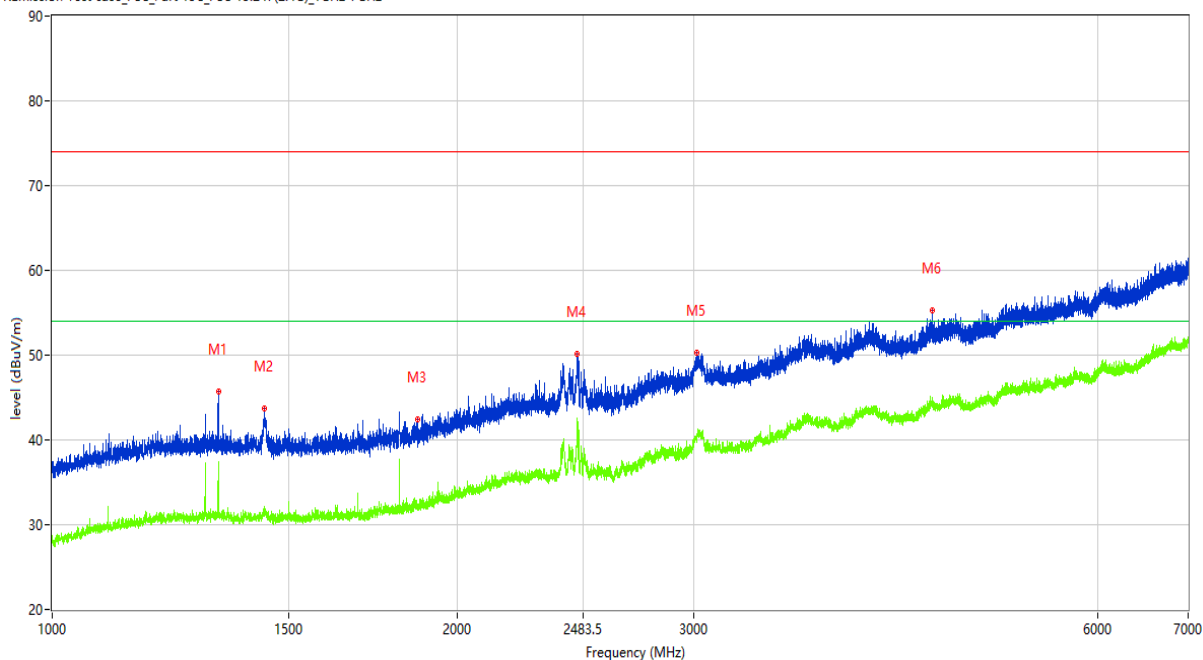
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Spurious Emission, 1GHz – 10th Harmonic, 802.11b, 2462MHz

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	1328.959	45.65	-12.78	74.0	-28.35	Peak	358.60	150	Vertical	Pass
1**	1328.959	37.37	-12.78	54.0	-16.63	AV	358.60	150	Vertical	Pass
2	1437.445	43.67	-12.71	74.0	-30.33	Peak	4.50	150	Vertical	Pass
2**	1437.445	32.11	-12.71	54.0	-21.89	AV	4.50	150	Vertical	Pass
3	1870.141	42.37	-11.56	74.0	-31.63	Peak	270.60	150	Vertical	Pass
3**	1870.141	32.28	-11.56	54.0	-21.72	AV	270.60	150	Vertical	Pass
4	2458.568	50.18	-4.98	74.0	-23.82	Peak	359.30	150	Vertical	Pass
4**	2458.568	42.36	-4.98	54.0	-11.64	AV	359.30	150	Vertical	Pass
5	3014.498	50.24	-4.88	74.0	-23.76	Peak	148.70	150	Vertical	Pass
5**	3014.498	40.29	-4.88	54.0	-13.71	AV	148.70	150	Vertical	Pass
6	4519.810	55.23	-0.86	74.0	-18.77	Peak	210.90	150	Vertical	Pass
6**	4519.810	44.82	-0.86	54.0	-9.18	AV	210.90	150	Vertical	Pass

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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	8030.992	37.18	8.12	74.0	-36.82	Peak	71.80	150	Vertical	Pass
1**	8030.992	28.15	8.12	54.0	-25.85	AV	71.80	150	Vertical	Pass
2	10849.038	45.00	14.66	74.0	-29.00	Peak	338.60	150	Vertical	Pass
2**	10849.038	36.69	14.66	54.0	-17.31	AV	338.60	150	Vertical	Pass
3	11451.137	45.68	15.29	74.0	-28.32	Peak	359.20	150	Vertical	Pass
3**	11451.137	35.63	15.29	54.0	-18.37	AV	359.20	150	Vertical	Pass
4	13100.725	50.16	18.53	74.0	-23.84	Peak	355.80	150	Vertical	Pass
4**	13100.725	40.88	18.53	54.0	-13.12	AV	355.80	150	Vertical	Pass
5	14181.205	52.93	22.16	74.0	-21.07	Peak	166.00	150	Vertical	Pass
5**	14181.205	44.33	22.16	54.0	-9.67	AV	166.00	150	Vertical	Pass
6	17802.049	57.94	25.00	74.0	-16.06	Peak	81.10	150	Vertical	Pass
6**	17802.049	49.61	25.00	54.0	-4.39	AV	81.10	150	Vertical	Pass

TEST REPORT

Report No.: SHE20120008-02CE

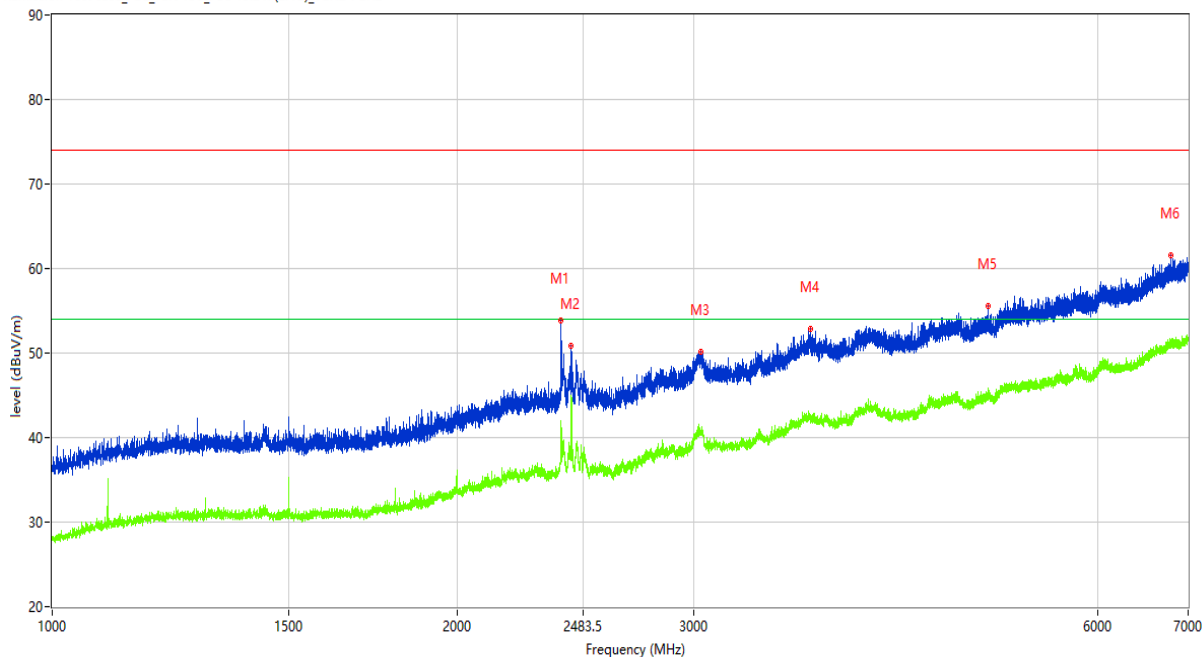
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Spurious Emission, 1GHz – 10th Harmonic, 802.11g, 2412MHz

1GHz-7GHz, Horizontal

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	2391.326	53.85	-5.35	74.0	-20.15	Peak	337.60	150	Horizontal	Pass
1**	2391.326	41.97	-5.35	54.0	-12.03	AV	337.60	150	Horizontal	Pass
2	2433.821	50.85	-4.77	74.0	-23.15	Peak	36.10	150	Horizontal	Pass
2**	2433.821	44.55	-4.77	54.0	-9.45	AV	36.10	150	Horizontal	Pass
3	3038.995	50.14	-4.87	74.0	-23.86	Peak	307.30	150	Horizontal	Pass
3**	3038.995	40.82	-4.87	54.0	-13.18	AV	307.30	150	Horizontal	Pass
4	3662.917	52.86	-2.35	74.0	-21.14	Peak	178.50	150	Horizontal	Pass
4**	3662.917	42.68	-2.35	54.0	-11.32	AV	178.50	150	Horizontal	Pass
5	4971.754	55.53	-0.60	74.0	-18.47	Peak	339.60	150	Horizontal	Pass
5**	4971.754	44.65	-0.60	54.0	-9.35	AV	339.60	150	Horizontal	Pass
6	6790.526	61.60	4.04	74.0	-12.40	Peak	130.90	150	Horizontal	Pass
6**	6790.526	51.33	4.04	54.0	-2.67	AV	130.90	150	Horizontal	Pass

TEST REPORT

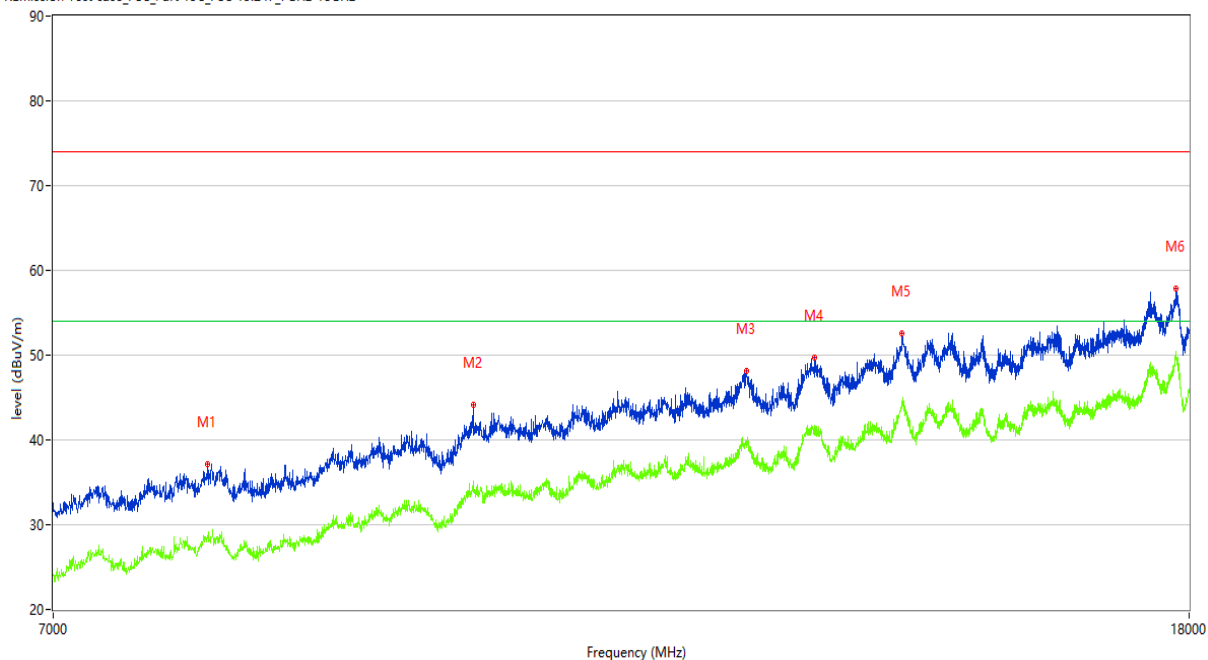
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7GHz-18GHz, Horizontal

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	7959.510	37.15	7.22	74.0	-36.85	Peak	196.20	150	Horizontal	Pass
1**	7959.510	28.45	7.22	54.0	-25.55	AV	196.20	150	Horizontal	Pass
2	9925.269	44.15	13.50	74.0	-29.85	Peak	91.70	150	Horizontal	Pass
2**	9925.269	35.20	13.50	54.0	-18.80	AV	91.70	150	Horizontal	Pass
3	12457.386	48.11	17.17	74.0	-25.89	Peak	360.00	150	Horizontal	Pass
3**	12457.386	39.40	17.17	54.0	-14.60	AV	360.00	150	Horizontal	Pass
4	13185.954	49.71	18.51	74.0	-24.29	Peak	82.00	150	Horizontal	Pass
4**	13185.954	41.74	18.51	54.0	-12.26	AV	82.00	150	Horizontal	Pass
5	14178.455	52.51	22.08	74.0	-21.49	Peak	315.60	150	Horizontal	Pass
5**	14178.455	43.67	22.08	54.0	-10.33	AV	315.60	150	Horizontal	Pass
6	17804.799	57.88	24.91	74.0	-16.12	Peak	30.60	150	Horizontal	Pass
6**	17804.799	50.05	24.91	54.0	-3.95	AV	30.60	150	Horizontal	Pass

TEST REPORT

Report No.: SHE20120008-02CE

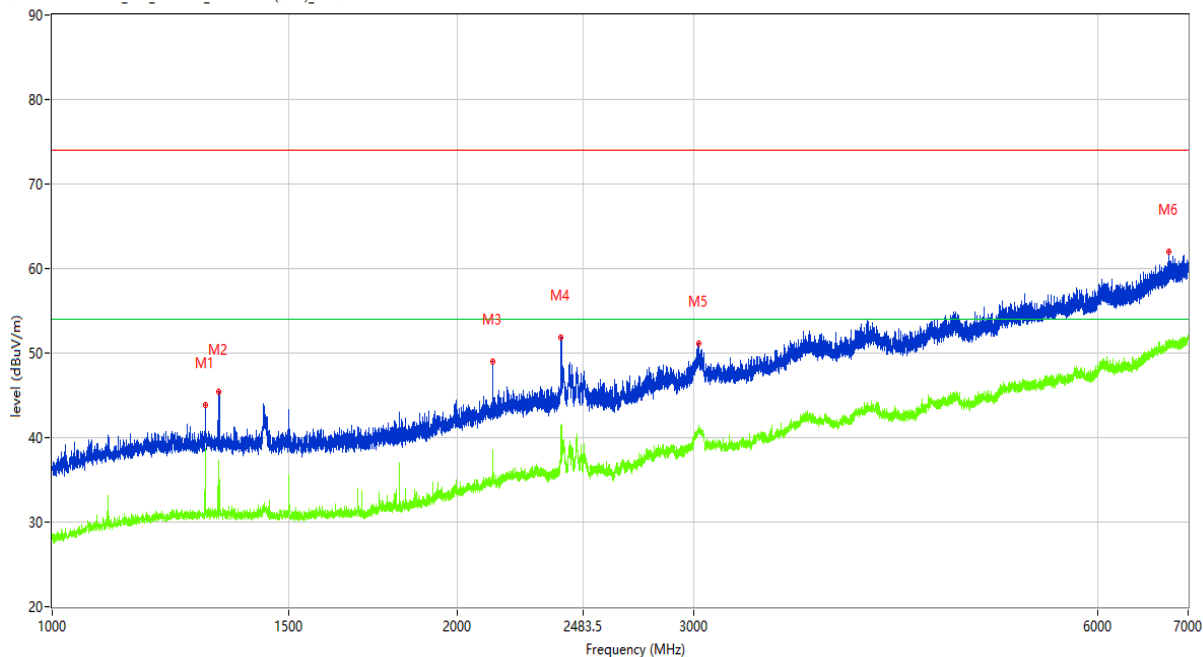
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Spurious Emission, 1GHz – 10th Harmonic, 802.11g, 2412MHz

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	1300.212	43.79	-12.67	74.0	-30.21	Peak	358.60	150	Vertical	Pass
1**	1300.212	37.25	-12.67	54.0	-16.75	AV	358.60	150	Vertical	Pass
2	1330.959	45.45	-12.77	74.0	-28.55	Peak	88.30	150	Vertical	Pass
2**	1330.959	37.28	-12.77	54.0	-16.72	AV	88.30	150	Vertical	Pass
3	2125.609	48.97	-8.89	74.0	-25.03	Peak	332.40	150	Vertical	Pass
3**	2125.609	37.98	-8.89	54.0	-16.02	AV	332.40	150	Vertical	Pass
4	2391.826	51.81	-4.61	74.0	-22.19	Peak	22.80	150	Vertical	Pass
4**	2391.826	41.47	-4.61	54.0	-12.53	AV	22.80	150	Vertical	Pass
5	3025.497	51.08	-4.67	74.0	-22.92	Peak	247.80	150	Vertical	Pass
5**	3025.497	41.49	-4.67	54.0	-12.51	AV	247.80	150	Vertical	Pass
6	6776.028	61.99	4.01	74.0	-12.01	Peak	123.90	150	Vertical	Pass
6**	6776.028	51.24	4.01	54.0	-2.76	AV	123.90	150	Vertical	Pass

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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	7973.257	36.77	7.36	74.0	-37.23	Peak	58.80	150	Vertical	Pass
1**	7973.257	27.94	7.36	54.0	-26.06	AV	58.80	150	Vertical	Pass
2	9152.712	40.64	10.86	74.0	-33.36	Peak	54.40	150	Vertical	Pass
2**	9152.712	31.93	10.86	54.0	-22.07	AV	54.40	150	Vertical	Pass
3	11189.953	46.13	14.49	74.0	-27.87	Peak	215.20	150	Vertical	Pass
3**	11189.953	37.11	14.49	54.0	-16.89	AV	215.20	150	Vertical	Pass
4	13092.477	50.26	18.42	74.0	-23.74	Peak	150.40	150	Vertical	Pass
4**	13092.477	41.45	18.42	54.0	-12.55	AV	150.40	150	Vertical	Pass
5	14167.458	53.13	21.75	74.0	-20.87	Peak	131.80	150	Vertical	Pass
5**	14167.458	43.68	21.75	54.0	-10.32	AV	131.80	150	Vertical	Pass
6	17818.545	58.30	24.50	74.0	-15.70	Peak	359.00	150	Vertical	Pass
6**	17818.545	49.51	24.50	54.0	-4.49	AV	359.00	150	Vertical	Pass

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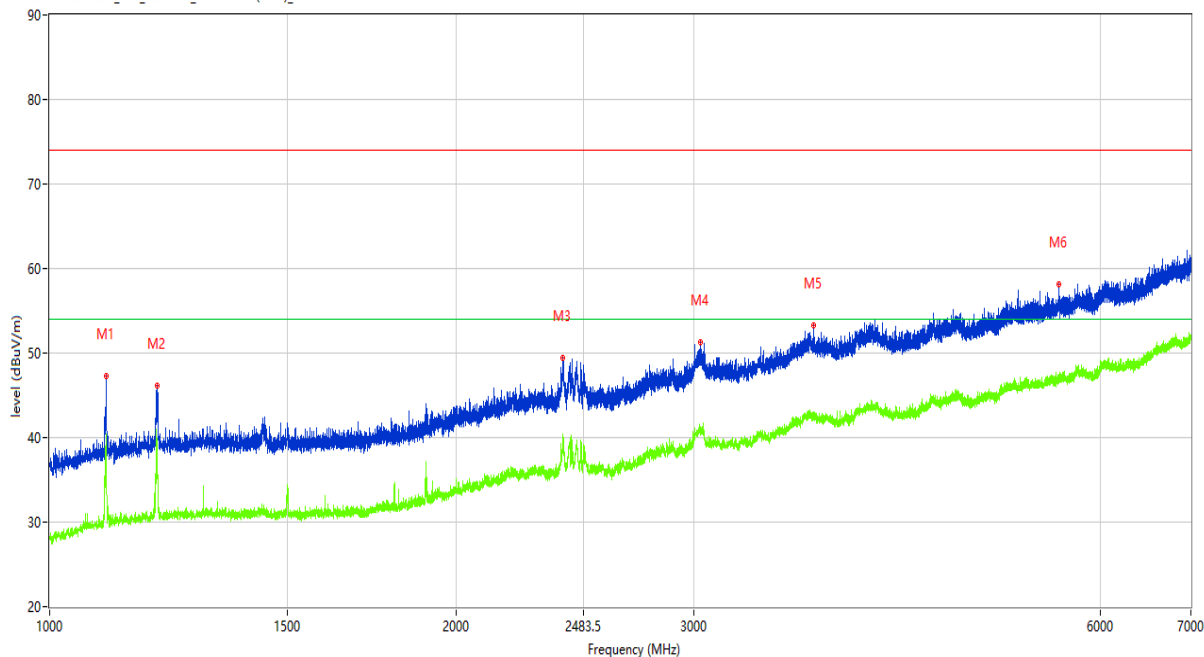
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Spurious Emission, 1GHz – 10th Harmonic, 802.11g, 2437MHz

1GHz-7GHz, Horizontal

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	1101.237	47.34	-13.40	74.0	-26.66	Peak	13.80	150	Horizontal	Pass
1**	1101.237	38.66	-13.40	54.0	-15.34	AV	13.80	150	Horizontal	Pass
2	1201.725	46.13	-12.79	74.0	-27.87	Peak	2.60	150	Horizontal	Pass
2**	1201.725	37.55	-12.79	54.0	-16.45	AV	2.60	150	Horizontal	Pass
3	2400.325	49.44	-4.48	74.0	-24.56	Peak	171.60	150	Horizontal	Pass
3**	2400.325	39.59	-4.48	54.0	-14.41	AV	171.60	150	Horizontal	Pass
4	3034.996	51.24	-4.74	74.0	-22.76	Peak	294.50	150	Horizontal	Pass
4**	3034.996	40.87	-4.74	54.0	-13.13	AV	294.50	150	Horizontal	Pass
5	3680.915	53.27	-2.67	74.0	-20.73	Peak	94.40	150	Horizontal	Pass
5**	3680.915	42.98	-2.67	54.0	-11.02	AV	94.40	150	Horizontal	Pass
6	5585.177	58.07	0.78	74.0	-15.93	Peak	132.40	150	Horizontal	Pass
6**	5585.177	47.38	0.78	54.0	-6.62	AV	132.40	150	Horizontal	Pass

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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	7976.006	36.97	7.39	74.0	-37.03	Peak	305.50	150	Horizontal	Pass
1**	7976.006	27.96	7.39	54.0	-26.04	AV	305.50	150	Horizontal	Pass
2	9397.401	40.44	11.52	74.0	-33.56	Peak	230.00	150	Horizontal	Pass
2**	9397.401	33.10	11.52	54.0	-20.90	AV	230.00	150	Horizontal	Pass
3	10134.216	43.27	13.19	74.0	-30.73	Peak	286.90	150	Horizontal	Pass
3**	10134.216	34.88	13.19	54.0	-19.12	AV	286.90	150	Horizontal	Pass
4	11203.699	46.04	14.64	74.0	-27.96	Peak	121.00	150	Horizontal	Pass
4**	11203.699	36.47	14.64	54.0	-17.53	AV	121.00	150	Horizontal	Pass
5	14189.453	53.03	22.33	74.0	-20.97	Peak	80.00	150	Horizontal	Pass
5**	14189.453	44.24	22.33	54.0	-9.76	AV	80.00	150	Horizontal	Pass
6	17799.300	58.06	25.06	74.0	-15.94	Peak	66.60	150	Horizontal	Pass
6**	17799.300	49.64	25.06	54.0	-4.36	AV	66.60	150	Horizontal	Pass

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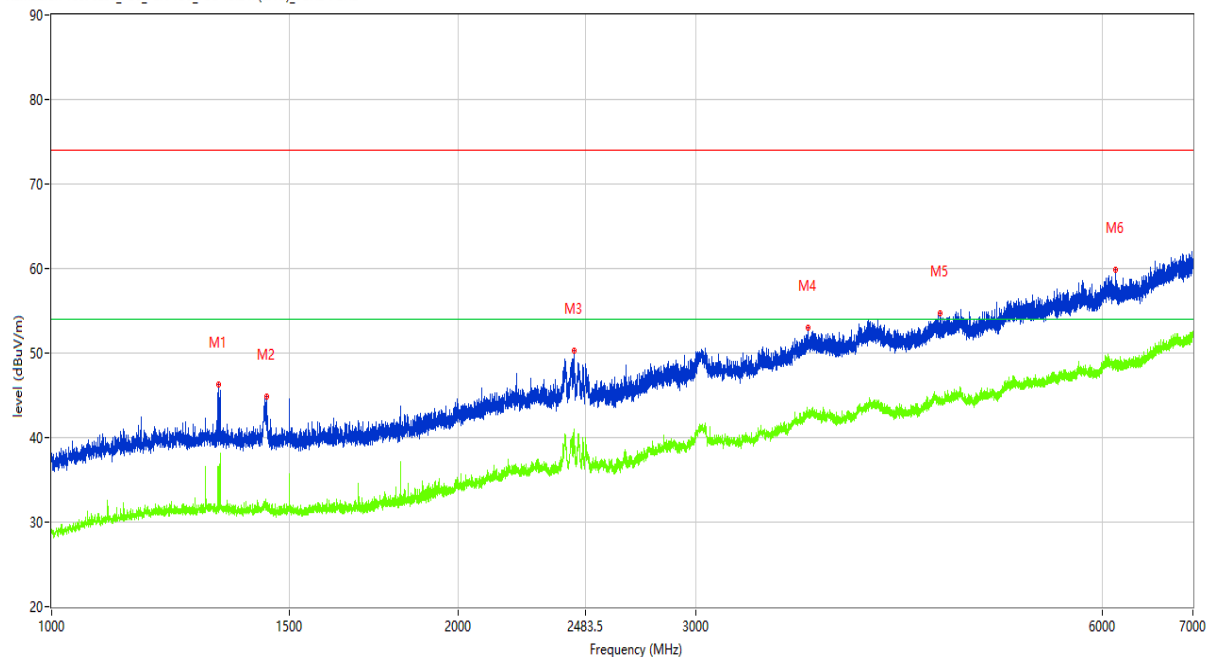
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Spurious Emission, 1GHz – 10th Harmonic, 802.11g, 2437MHz

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	1328.459	46.27	-12.78	74.0	-27.73	Peak	85.70	150	Vertical	Pass
1**	1328.459	36.49	-12.78	54.0	-17.51	AV	85.70	150	Vertical	Pass
2	1442.945	44.89	-12.79	74.0	-29.11	Peak	360.00	150	Vertical	Pass
2**	1442.945	32.14	-12.79	54.0	-21.86	AV	360.00	150	Vertical	Pass
3	2437.320	50.32	-4.80	74.0	-23.68	Peak	0.00	150	Vertical	Pass
3**	2437.320	40.12	-4.80	54.0	-13.88	AV	0.00	150	Vertical	Pass
4	3632.421	53.03	-2.28	74.0	-20.97	Peak	2.90	150	Vertical	Pass
4**	3632.421	42.86	-2.28	54.0	-11.14	AV	2.90	150	Vertical	Pass
5	4549.806	54.68	-1.39	74.0	-19.32	Peak	108.00	150	Vertical	Pass
5**	4549.806	44.06	-1.39	54.0	-9.94	AV	108.00	150	Vertical	Pass
6	6137.108	59.79	1.54	74.0	-14.21	Peak	164.20	150	Vertical	Pass
6**	6137.108	49.23	1.54	54.0	-4.77	AV	164.20	150	Vertical	Pass

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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	8008.998	37.41	7.76	74.0	-36.59	Peak	16.80	150	Vertical	Pass
1**	8008.998	29.03	7.76	54.0	-24.97	AV	16.80	150	Vertical	Pass
2	10136.966	43.08	13.17	74.0	-30.92	Peak	87.20	150	Vertical	Pass
2**	10136.966	34.79	13.17	54.0	-19.21	AV	87.20	150	Vertical	Pass
3	10873.782	45.11	14.72	74.0	-28.89	Peak	352.50	150	Vertical	Pass
3**	10873.782	36.25	14.72	54.0	-17.75	AV	352.50	150	Vertical	Pass
4	12427.143	48.37	17.04	74.0	-25.63	Peak	0.00	150	Vertical	Pass
4**	12427.143	39.86	17.04	54.0	-14.14	AV	0.00	150	Vertical	Pass
5	16058.985	53.38	20.52	74.0	-20.62	Peak	322.70	150	Vertical	Pass
5**	16058.985	45.47	20.52	54.0	-8.53	AV	322.70	150	Vertical	Pass
6	17815.796	57.05	24.58	74.0	-16.95	Peak	48.80	150	Vertical	Pass
6**	17815.796	50.66	24.58	54.0	-3.34	AV	48.80	150	Vertical	Pass

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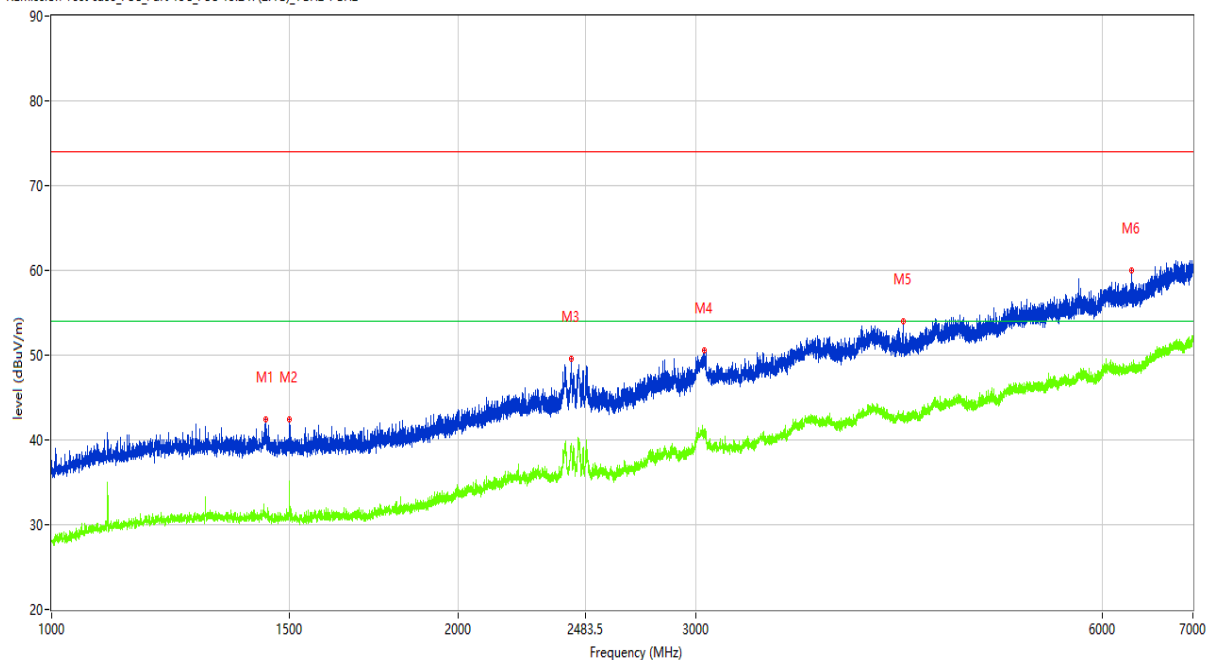
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Spurious Emission, 1GHz – 10th Harmonic, 802.11g, 2462MHz

1GHz-7GHz, Horizontal

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	1441.695	42.37	-12.77	74.0	-31.63	Peak	42.80	150	Horizontal	Pass
1**	1441.695	30.90	-12.77	54.0	-23.10	AV	42.80	150	Horizontal	Pass
2	1500.687	42.39	-12.95	74.0	-31.61	Peak	38.40	150	Horizontal	Pass
2**	1500.687	32.02	-12.95	54.0	-21.98	AV	38.40	150	Horizontal	Pass
3	2424.072	49.51	-4.68	74.0	-24.49	Peak	155.60	150	Horizontal	Pass
3**	2424.072	38.75	-4.68	54.0	-15.25	AV	155.60	150	Horizontal	Pass
4	3043.995	50.64	-5.03	74.0	-23.36	Peak	154.00	150	Horizontal	Pass
4**	3043.995	41.10	-5.03	54.0	-12.90	AV	154.00	150	Horizontal	Pass
5	4271.341	53.93	-2.45	74.0	-20.07	Peak	5.00	150	Horizontal	Pass
5**	4271.341	43.45	-2.45	54.0	-10.55	AV	5.00	150	Horizontal	Pass
6	6304.087	60.05	2.16	74.0	-13.95	Peak	293.90	150	Horizontal	Pass
6**	6304.087	48.88	2.16	54.0	-5.12	AV	293.90	150	Horizontal	Pass

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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	7921.020	37.95	6.83	74.0	-36.05	Peak	130.70	150	Horizontal	Pass
1**	7921.020	28.89	6.83	54.0	-25.11	AV	130.70	150	Horizontal	Pass
2	9424.894	40.89	11.49	74.0	-33.11	Peak	355.30	150	Horizontal	Pass
2**	9424.894	31.74	11.49	54.0	-22.26	AV	355.30	150	Horizontal	Pass
3	11286.178	46.18	15.69	74.0	-27.82	Peak	0.00	150	Horizontal	Pass
3**	11286.178	37.80	15.69	54.0	-16.20	AV	0.00	150	Horizontal	Pass
4	13078.730	49.59	18.24	74.0	-24.41	Peak	298.90	150	Horizontal	Pass
4**	13078.730	40.71	18.24	54.0	-13.29	AV	298.90	150	Horizontal	Pass
5	15866.533	52.66	19.44	74.0	-21.34	Peak	290.00	150	Horizontal	Pass
5**	15866.533	43.56	19.44	54.0	-10.44	AV	290.00	150	Horizontal	Pass
6	17821.295	57.74	24.42	74.0	-16.26	Peak	103.50	150	Horizontal	Pass
6**	17821.295	49.18	24.42	54.0	-4.82	AV	103.50	150	Horizontal	Pass

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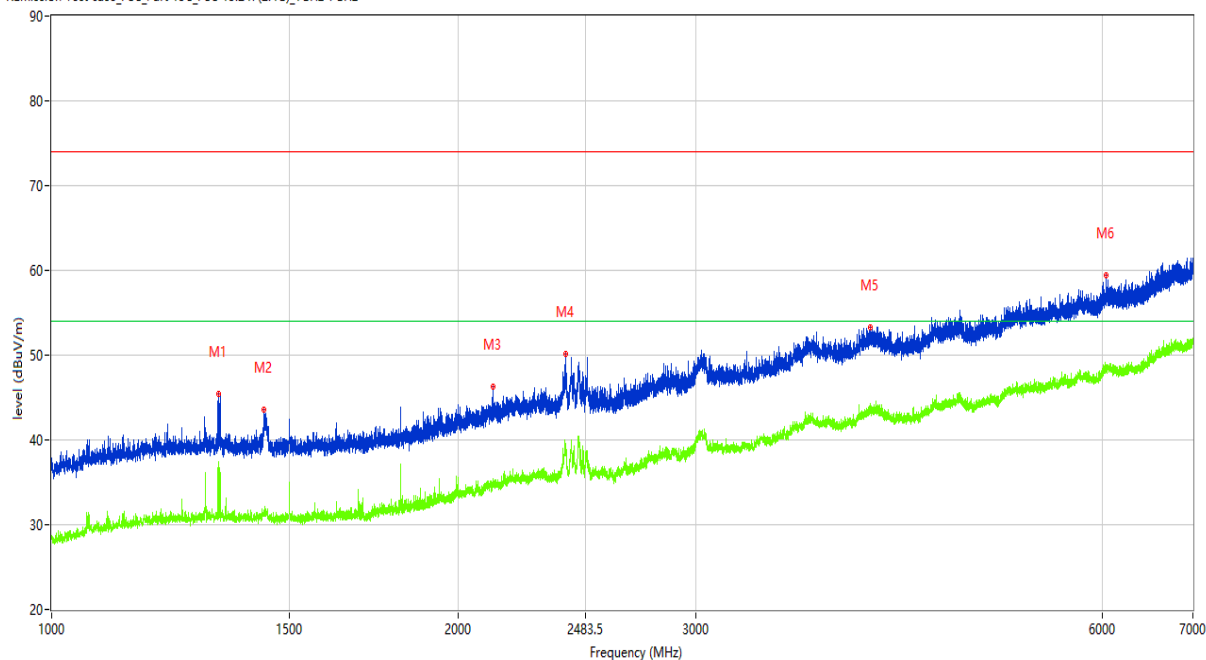
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Spurious Emission, 1GHz – 10th Harmonic, 802.11g, 2462MHz

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	1328.459	45.46	-12.78	74.0	-28.54	Peak	109.50	150	Vertical	Pass
1**	1328.459	37.49	-12.78	54.0	-16.51	AV	109.50	150	Vertical	Pass
2	1436.945	43.63	-12.70	74.0	-30.37	Peak	11.20	150	Vertical	Pass
2**	1436.945	31.57	-12.70	54.0	-22.43	AV	11.20	150	Vertical	Pass
3	2124.109	46.31	-8.89	74.0	-27.69	Peak	181.30	150	Vertical	Pass
3**	2124.109	34.86	-8.89	54.0	-19.14	AV	181.30	150	Vertical	Pass
4	2401.325	50.10	-4.48	74.0	-23.90	Peak	163.80	150	Vertical	Pass
4**	2401.325	39.30	-4.48	54.0	-14.70	AV	163.80	150	Vertical	Pass
5	4039.870	53.27	-1.51	74.0	-20.73	Peak	224.70	150	Vertical	Pass
5**	4039.870	43.54	-1.51	54.0	-10.46	AV	224.70	150	Vertical	Pass
6	6035.621	59.44	2.05	74.0	-14.56	Peak	248.10	150	Vertical	Pass
6**	6035.621	48.43	2.05	54.0	-5.57	AV	248.10	150	Vertical	Pass

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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	8036.491	37.09	8.21	74.0	-36.91	Peak	280.60	150	Vertical	Pass
1**	8036.491	28.72	8.21	54.0	-25.28	AV	280.60	150	Vertical	Pass
2	9336.916	41.09	11.10	74.0	-32.91	Peak	327.90	150	Vertical	Pass
2**	9336.916	31.60	11.10	54.0	-22.40	AV	327.90	150	Vertical	Pass
3	12396.901	47.98	16.92	74.0	-26.02	Peak	100.50	150	Vertical	Pass
3**	12396.901	39.39	16.92	54.0	-14.61	AV	100.50	150	Vertical	Pass
4	14205.949	52.35	21.94	74.0	-21.65	Peak	113.90	150	Vertical	Pass
4**	14205.949	43.90	21.94	54.0	-10.10	AV	113.90	150	Vertical	Pass
5	16045.239	53.42	20.55	74.0	-20.58	Peak	29.80	150	Vertical	Pass
5**	16045.239	44.70	20.55	54.0	-9.30	AV	29.80	150	Vertical	Pass
6	17813.047	57.55	24.67	74.0	-16.45	Peak	276.20	150	Vertical	Pass
6**	17813.047	49.90	24.67	54.0	-4.10	AV	276.20	150	Vertical	Pass

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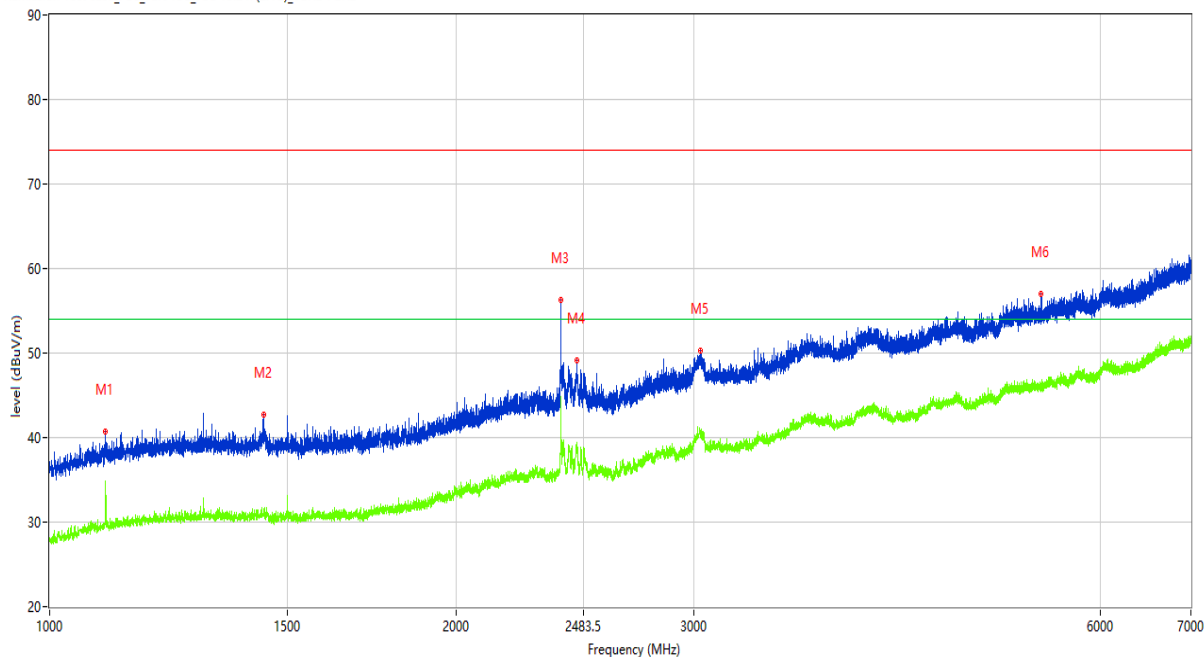
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Spurious Emission, 1GHz – 10th Harmonic, 802.11n20, 2412MHz

1GHz-7GHz, Horizontal

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	1099.988	40.65	-13.40	74.0	-33.35	Peak	359.60	150	Horizontal	Pass
1**	1099.988	34.91	-13.40	54.0	-19.09	AV	359.60	150	Horizontal	Pass
2	1441.445	42.69	-12.77	74.0	-31.31	Peak	359.00	150	Horizontal	Pass
2**	1441.445	31.60	-12.77	54.0	-22.40	AV	359.00	150	Horizontal	Pass
3	2391.826	56.28	-4.61	74.0	-17.72	Peak	335.40	150	Horizontal	Pass
3**	2391.826	44.79	-4.61	54.0	-9.21	AV	335.40	150	Horizontal	Pass
4	2456.318	49.10	-4.97	74.0	-24.90	Peak	272.10	150	Horizontal	Pass
4**	2456.318	39.30	-4.97	54.0	-14.70	AV	272.10	150	Horizontal	Pass
5	3031.496	50.29	-4.62	74.0	-23.71	Peak	359.70	150	Horizontal	Pass
5**	3031.496	40.90	-4.62	54.0	-13.10	AV	359.70	150	Horizontal	Pass
6	5424.197	56.94	-0.42	74.0	-17.06	Peak	332.20	150	Horizontal	Pass
6**	5424.197	46.22	-0.42	54.0	-7.78	AV	332.20	150	Horizontal	Pass

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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	8025.494	37.19	8.03	74.0	-36.81	Peak	67.00	150	Horizontal	Pass
1**	8025.494	28.66	8.03	54.0	-25.34	AV	67.00	150	Horizontal	Pass
2	9427.643	41.41	11.49	74.0	-32.59	Peak	260.50	150	Horizontal	Pass
2**	9427.643	32.44	11.49	54.0	-21.56	AV	260.50	150	Horizontal	Pass
3	10860.035	45.01	14.69	74.0	-28.99	Peak	3.70	150	Horizontal	Pass
3**	10860.035	35.44	14.69	54.0	-18.56	AV	3.70	150	Horizontal	Pass
4	12460.135	48.19	17.18	74.0	-25.81	Peak	283.60	150	Horizontal	Pass
4**	12460.135	40.06	17.18	54.0	-13.94	AV	283.60	150	Horizontal	Pass
5	14178.455	52.61	22.08	74.0	-21.39	Peak	52.50	150	Horizontal	Pass
5**	14178.455	44.10	22.08	54.0	-9.90	AV	52.50	150	Horizontal	Pass
6	17802.049	57.72	25.00	74.0	-16.28	Peak	52.50	150	Horizontal	Pass
6**	17802.049	49.53	25.00	54.0	-4.47	AV	52.50	150	Horizontal	Pass

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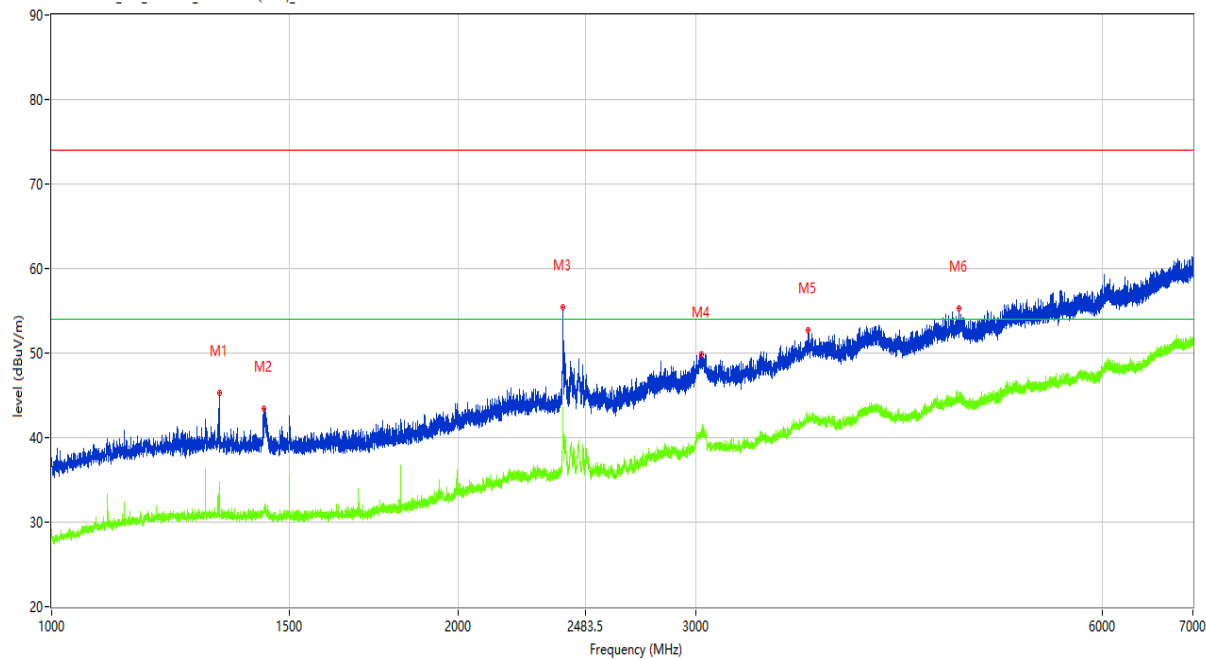
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Spurious Emission, 1GHz – 10th Harmonic, 802.11n20, 2412MHz

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	1330.709	45.34	-12.77	74.0	-28.66	Peak	106.50	150	Vertical	Pass
1**	1330.709	34.65	-12.77	54.0	-19.35	AV	106.50	150	Vertical	Pass
2	1436.195	43.47	-12.69	74.0	-30.53	Peak	4.60	150	Vertical	Pass
2**	1436.195	31.45	-12.69	54.0	-22.55	AV	4.60	150	Vertical	Pass
3	2391.826	55.38	-4.61	74.0	-18.62	Peak	39.20	150	Vertical	Pass
3**	2391.826	43.26	-4.61	54.0	-10.74	AV	39.20	150	Vertical	Pass
4	3030.496	49.83	-4.59	74.0	-24.17	Peak	229.50	150	Vertical	Pass
4**	3030.496	40.68	-4.59	54.0	-13.32	AV	229.50	150	Vertical	Pass
5	3633.421	52.72	-2.27	74.0	-21.28	Peak	360.00	150	Vertical	Pass
5**	3633.421	42.50	-2.27	54.0	-11.50	AV	360.00	150	Vertical	Pass
6	4694.788	55.23	-0.90	74.0	-18.77	Peak	289.70	150	Vertical	Pass
6**	4694.788	45.23	-0.90	54.0	-8.77	AV	289.70	150	Vertical	Pass

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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	8869.533	39.90	9.10	74.0	-34.10	Peak	281.70	150	Vertical	Pass
1**	8869.533	30.71	9.10	54.0	-23.29	AV	281.70	150	Vertical	Pass
2	9961.010	43.33	13.29	74.0	-30.67	Peak	182.00	150	Vertical	Pass
2**	9961.010	33.07	13.29	54.0	-20.93	AV	182.00	150	Vertical	Pass
3	12440.890	48.74	17.10	74.0	-25.26	Peak	196.20	150	Vertical	Pass
3**	12440.890	39.59	17.10	54.0	-14.41	AV	196.20	150	Vertical	Pass
4	14159.210	52.61	21.50	74.0	-21.39	Peak	214.00	150	Vertical	Pass
4**	14159.210	43.61	21.50	54.0	-10.39	AV	214.00	150	Vertical	Pass
5	16080.980	53.78	20.47	74.0	-20.22	Peak	277.30	150	Vertical	Pass
5**	16080.980	44.31	20.47	54.0	-9.69	AV	277.30	150	Vertical	Pass
6	17804.799	58.32	24.91	74.0	-15.68	Peak	196.20	150	Vertical	Pass
6**	17804.799	50.35	24.91	54.0	-3.65	AV	196.20	150	Vertical	Pass

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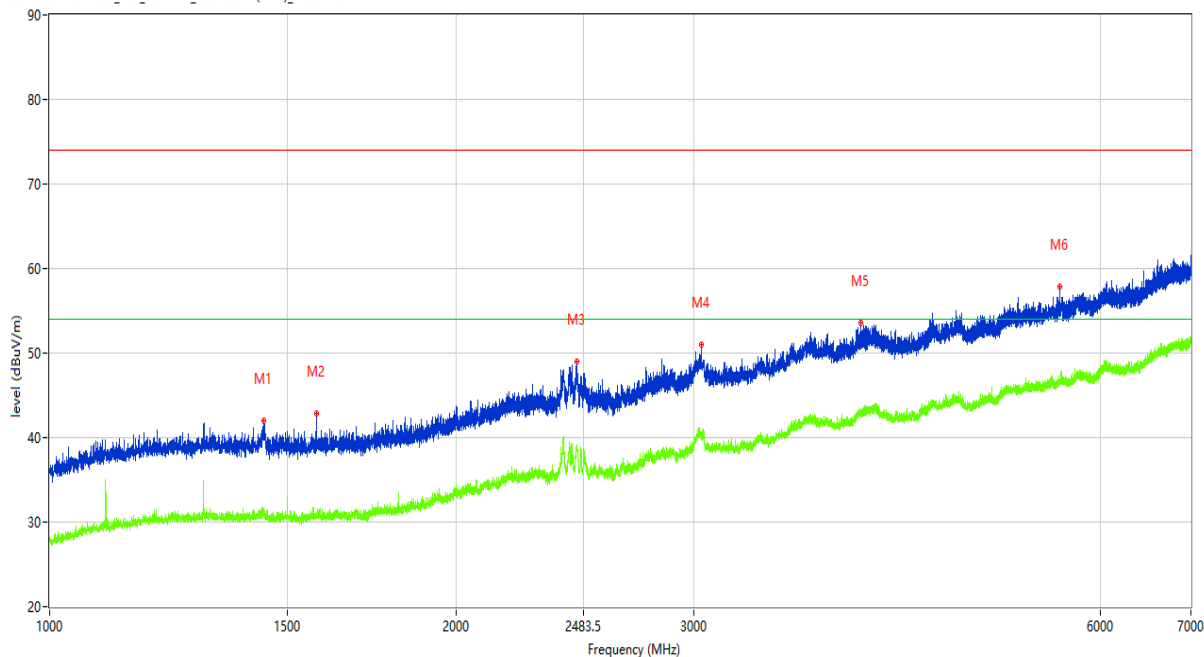
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Spurious Emission, 1GHz – 10th Harmonic, 802.11n20, 2437MHz

1GHz-7GHz, Horizontal

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	1440.445	42.06	-12.75	74.0	-31.94	Peak	359.60	150	Horizontal	Pass
1**	1440.445	30.96	-12.75	54.0	-23.04	AV	359.60	150	Horizontal	Pass
2	1575.428	42.80	-12.88	74.0	-31.20	Peak	258.70	150	Horizontal	Pass
2**	1575.428	31.16	-12.88	54.0	-22.84	AV	258.70	150	Horizontal	Pass
3	2458.068	48.97	-4.98	74.0	-25.03	Peak	360.00	150	Horizontal	Pass
3**	2458.068	38.66	-4.98	54.0	-15.34	AV	360.00	150	Horizontal	Pass
4	3037.495	50.94	-4.82	74.0	-23.06	Peak	257.40	150	Horizontal	Pass
4**	3037.495	40.26	-4.82	54.0	-13.74	AV	257.40	150	Horizontal	Pass
5	3987.377	53.62	-1.87	74.0	-20.38	Peak	280.40	150	Horizontal	Pass
5**	3987.377	42.96	-1.87	54.0	-11.04	AV	280.40	150	Horizontal	Pass
6	5594.176	57.92	0.90	74.0	-16.08	Peak	197.10	150	Horizontal	Pass
6**	5594.176	46.65	0.90	54.0	-7.35	AV	197.10	150	Horizontal	Pass

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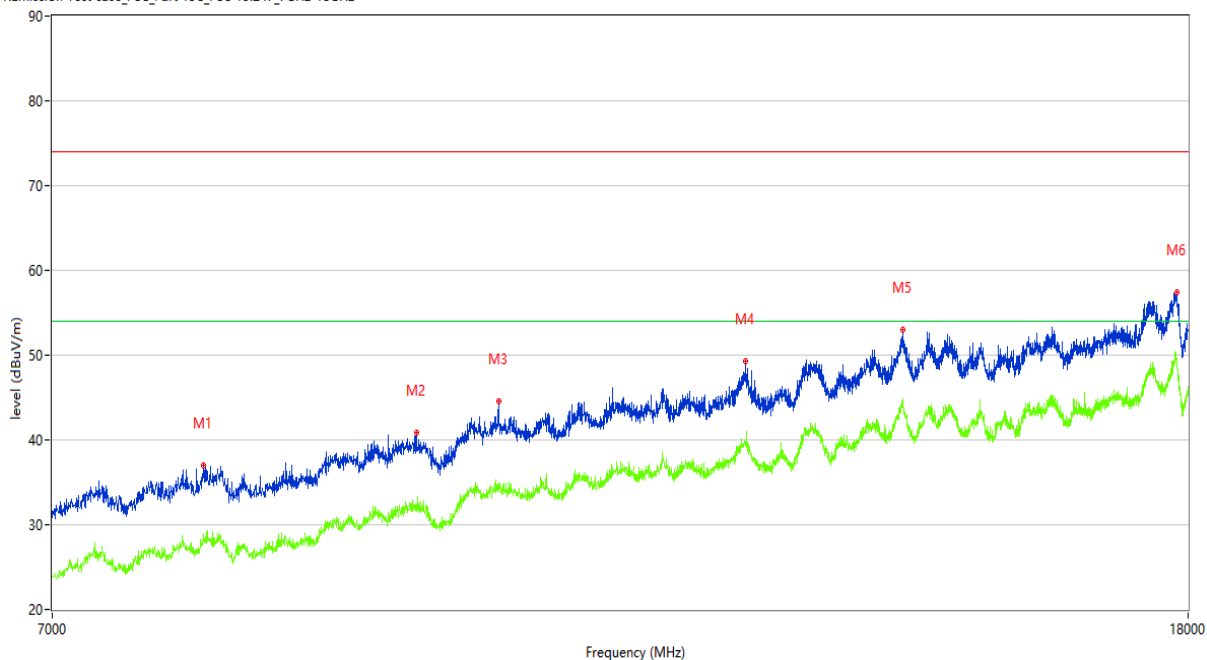
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7GHz-18GHz, Horizontal

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	7934.766	36.97	6.97	74.0	-37.03	Peak	4.40	150	Horizontal	Pass
1**	7934.766	28.73	6.97	54.0	-25.27	AV	4.40	150	Horizontal	Pass
2	9477.131	40.79	11.63	74.0	-33.21	Peak	355.10	150	Horizontal	Pass
2**	9477.131	31.55	11.63	54.0	-22.45	AV	355.10	150	Horizontal	Pass
3	10145.214	44.57	13.11	74.0	-29.43	Peak	121.30	150	Horizontal	Pass
3**	10145.214	34.81	13.11	54.0	-19.19	AV	121.30	150	Horizontal	Pass
4	12457.386	49.31	17.17	74.0	-24.69	Peak	264.90	150	Horizontal	Pass
4**	12457.386	39.66	17.17	54.0	-14.34	AV	264.90	150	Horizontal	Pass
5	14194.951	52.98	22.20	74.0	-21.02	Peak	171.50	150	Horizontal	Pass
5**	14194.951	44.84	22.20	54.0	-9.16	AV	171.50	150	Horizontal	Pass
6	17826.793	57.41	24.25	74.0	-16.59	Peak	176.00	150	Horizontal	Pass
6**	17826.793	49.14	24.25	54.0	-4.86	AV	176.00	150	Horizontal	Pass

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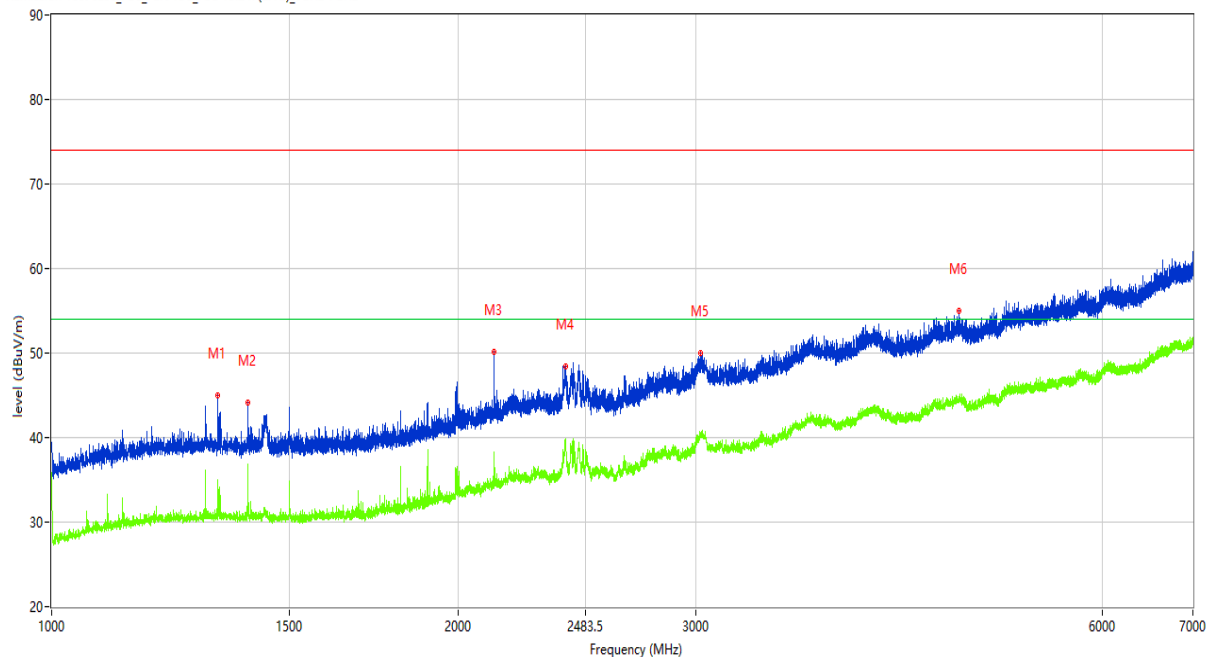
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Spurious Emission, 1GHz – 10th Harmonic, 802.11n20, 2437MHz

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	1326.959	44.95	-12.79	74.0	-29.05	Peak	80.10	150	Vertical	Pass
1**	1326.959	35.02	-12.79	54.0	-18.98	AV	80.10	150	Vertical	Pass
2	1397.950	44.17	-12.82	74.0	-29.83	Peak	80.10	150	Vertical	Pass
2**	1397.950	36.83	-12.82	54.0	-17.17	AV	80.10	150	Vertical	Pass
3	2127.109	50.12	-8.89	74.0	-23.88	Peak	359.00	150	Vertical	Pass
3**	2127.109	38.30	-8.89	54.0	-15.70	AV	359.00	150	Vertical	Pass
4	2401.575	48.48	-4.49	74.0	-25.52	Peak	0.00	150	Vertical	Pass
4**	2401.575	38.68	-4.49	54.0	-15.32	AV	0.00	150	Vertical	Pass
5	3023.997	49.97	-4.70	74.0	-24.03	Peak	15.50	150	Vertical	Pass
5**	3023.997	40.63	-4.70	54.0	-13.37	AV	15.50	150	Vertical	Pass
6	4698.288	55.07	-0.92	74.0	-18.93	Peak	63.20	150	Vertical	Pass
6**	4698.288	44.91	-0.92	54.0	-9.09	AV	63.20	150	Vertical	Pass

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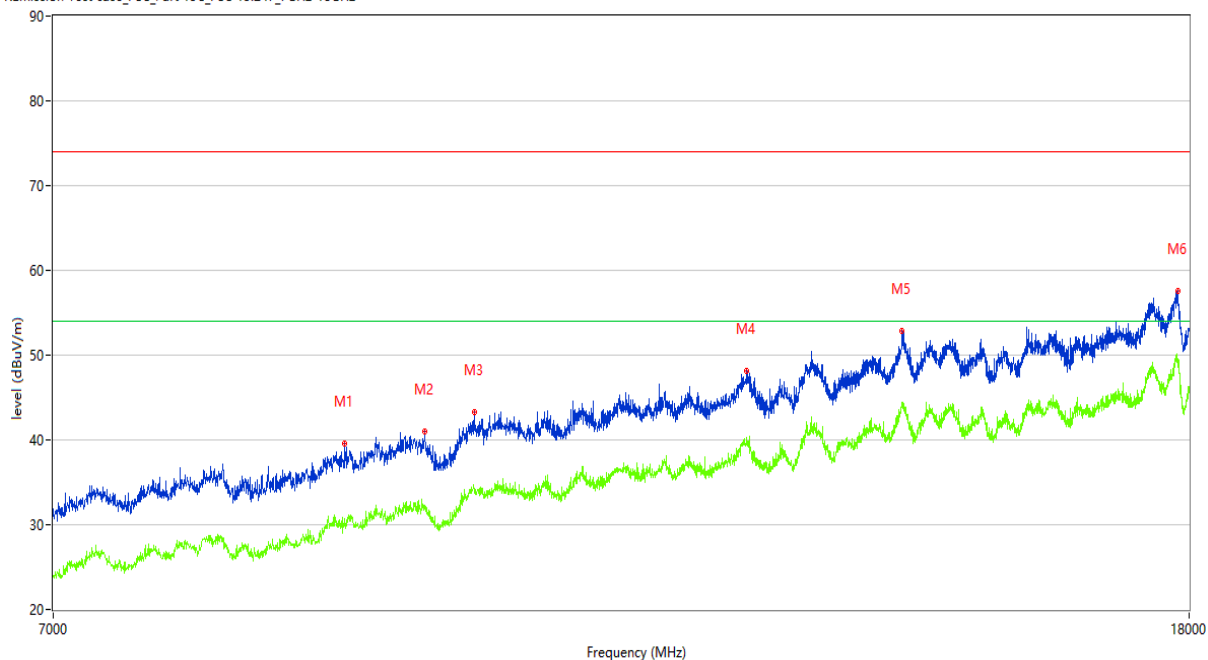
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7GHz-18GHz, Vertical

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	8919.020	39.56	9.83	74.0	-34.44	Peak	273.80	150	Vertical	Pass
1**	8919.020	30.78	9.83	54.0	-23.22	AV	273.80	150	Vertical	Pass
2	9534.866	40.95	11.87	74.0	-33.05	Peak	24.60	150	Vertical	Pass
2**	9534.866	32.30	11.87	54.0	-21.70	AV	24.60	150	Vertical	Pass
3	9933.517	43.25	13.45	74.0	-30.75	Peak	28.70	150	Vertical	Pass
3**	9933.517	34.03	13.45	54.0	-19.97	AV	28.70	150	Vertical	Pass
4	12462.884	48.19	17.19	74.0	-25.81	Peak	297.30	150	Vertical	Pass
4**	12462.884	39.36	17.19	54.0	-14.64	AV	297.30	150	Vertical	Pass
5	14178.455	52.91	22.08	74.0	-21.09	Peak	269.40	150	Vertical	Pass
5**	14178.455	43.87	22.08	54.0	-10.13	AV	269.40	150	Vertical	Pass
6	17832.292	57.51	24.09	74.0	-16.49	Peak	359.70	150	Vertical	Pass
6**	17832.292	49.12	24.09	54.0	-4.88	AV	359.70	150	Vertical	Pass

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Spurious Emission, 1GHz – 10th Harmonic, 802.11n20, 2462MHz

1GHz-7GHz, Horizontal

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	1300.712	42.50	-12.66	74.0	-31.50	Peak	21.60	150	Horizontal	Pass
1**	1300.712	32.17	-12.66	54.0	-21.83	AV	21.60	150	Horizontal	Pass
2	1443.445	42.80	-12.79	74.0	-31.20	Peak	44.00	150	Horizontal	Pass
2**	1443.445	30.98	-12.79	54.0	-23.02	AV	44.00	150	Horizontal	Pass
3	2401.075	48.60	-4.48	74.0	-25.40	Peak	0.00	150	Horizontal	Pass
3**	2401.075	39.50	-4.48	54.0	-14.50	AV	0.00	150	Horizontal	Pass
4	3028.996	50.20	-4.60	74.0	-23.80	Peak	32.30	150	Horizontal	Pass
4**	3028.996	40.53	-4.60	54.0	-13.47	AV	32.30	150	Horizontal	Pass
5	3882.390	52.94	-2.81	74.0	-21.06	Peak	55.40	150	Horizontal	Pass
5**	3882.390	41.74	-2.81	54.0	-12.26	AV	55.40	150	Horizontal	Pass
6	5058.743	56.15	-0.30	74.0	-17.85	Peak	83.30	150	Horizontal	Pass
6**	5058.743	44.84	-0.30	54.0	-9.16	AV	83.30	150	Horizontal	Pass

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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	8044.739	37.55	8.34	74.0	-36.45	Peak	237.80	150	Horizontal	Pass
1**	8044.739	28.53	8.34	54.0	-25.47	AV	237.80	150	Horizontal	Pass
2	9422.144	40.66	11.49	74.0	-33.34	Peak	301.00	150	Horizontal	Pass
2**	9422.144	32.45	11.49	54.0	-21.55	AV	301.00	150	Horizontal	Pass
3	10860.035	44.99	14.69	74.0	-29.01	Peak	16.00	150	Horizontal	Pass
3**	10860.035	36.54	14.69	54.0	-17.46	AV	16.00	150	Horizontal	Pass
4	12465.634	47.92	17.20	74.0	-26.08	Peak	1.00	150	Horizontal	Pass
4**	12465.634	40.12	17.20	54.0	-13.88	AV	1.00	150	Horizontal	Pass
5	14164.709	52.20	21.66	74.0	-21.80	Peak	103.50	150	Horizontal	Pass
5**	14164.709	43.56	21.66	54.0	-10.44	AV	103.50	150	Horizontal	Pass
6	17818.545	58.37	24.50	74.0	-15.63	Peak	81.10	150	Horizontal	Pass
6**	17818.545	49.82	24.50	54.0	-4.18	AV	81.10	150	Horizontal	Pass

TEST REPORT

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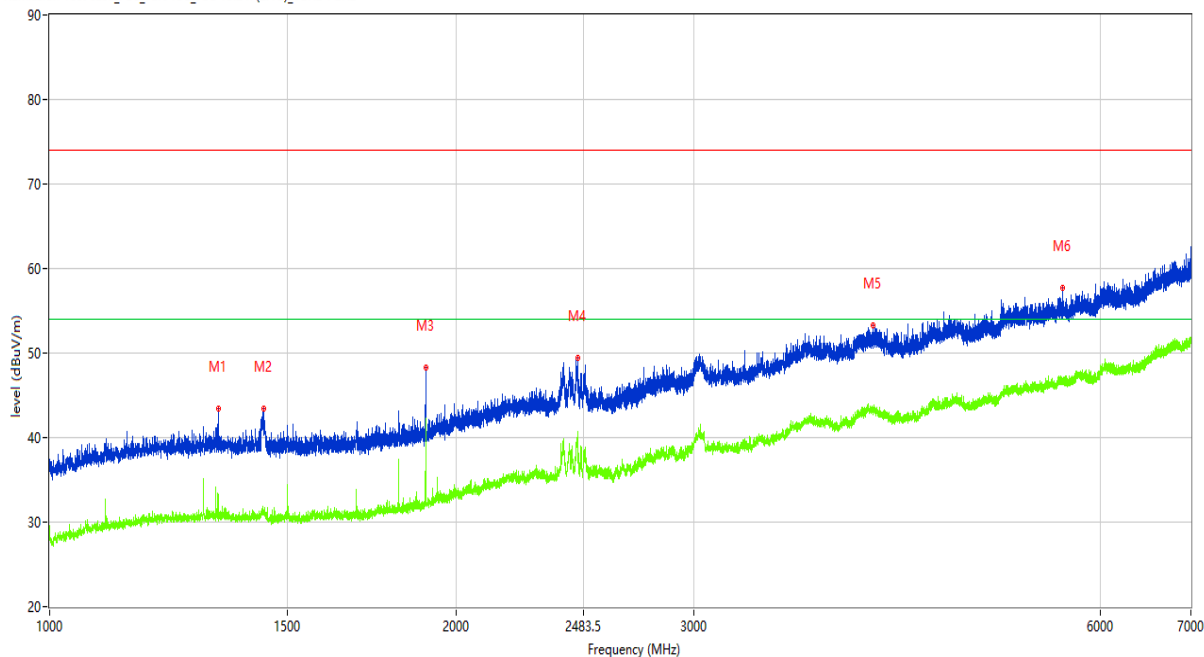
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Spurious Emission, 1GHz – 10th Harmonic, 802.11n20, 2462MHz

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	1333.458	43.41	-12.76	74.0	-30.59	Peak	359.00	150	Vertical	Pass
1**	1333.458	33.30	-12.76	54.0	-20.70	AV	359.00	150	Vertical	Pass
2	1439.445	43.49	-12.74	74.0	-30.51	Peak	0.00	150	Vertical	Pass
2**	1439.445	31.14	-12.74	54.0	-22.86	AV	0.00	150	Vertical	Pass
3	1899.138	48.25	-11.54	74.0	-25.75	Peak	141.80	150	Vertical	Pass
3**	1899.138	41.20	-11.54	54.0	-12.80	AV	141.80	150	Vertical	Pass
4	2459.568	49.43	-4.99	74.0	-24.57	Peak	358.00	150	Vertical	Pass
4**	2459.568	40.67	-4.99	54.0	-13.33	AV	358.00	150	Vertical	Pass
5	4068.866	53.32	-1.21	74.0	-20.68	Peak	337.30	150	Vertical	Pass
5**	4068.866	42.71	-1.21	54.0	-11.29	AV	337.30	150	Vertical	Pass
6	5624.172	57.72	1.15	74.0	-16.28	Peak	225.30	150	Vertical	Pass
6**	5624.172	46.57	1.15	54.0	-7.43	AV	225.30	150	Vertical	Pass

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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	7959.510	38.09	7.22	74.0	-35.91	Peak	278.80	150	Vertical	Pass
1**	7959.510	28.44	7.22	54.0	-25.56	AV	278.80	150	Vertical	Pass
2	9917.021	43.01	13.55	74.0	-30.99	Peak	269.10	150	Vertical	Pass
2**	9917.021	34.17	13.55	54.0	-19.83	AV	269.10	150	Vertical	Pass
3	12438.140	48.40	17.09	74.0	-25.60	Peak	178.30	150	Vertical	Pass
3**	12438.140	39.93	17.09	54.0	-14.07	AV	178.30	150	Vertical	Pass
4	13205.199	50.44	18.51	74.0	-23.56	Peak	310.10	150	Vertical	Pass
4**	13205.199	41.63	18.51	54.0	-12.37	AV	310.10	150	Vertical	Pass
5	14189.453	52.33	22.33	74.0	-21.67	Peak	217.00	150	Vertical	Pass
5**	14189.453	44.37	22.33	54.0	-9.63	AV	217.00	150	Vertical	Pass
6	17821.295	57.84	24.42	74.0	-16.16	Peak	61.80	150	Vertical	Pass
6**	17821.295	48.83	24.42	54.0	-5.17	AV	61.80	150	Vertical	Pass

TEST REPORT

Report No.: SHE20120008-02CE

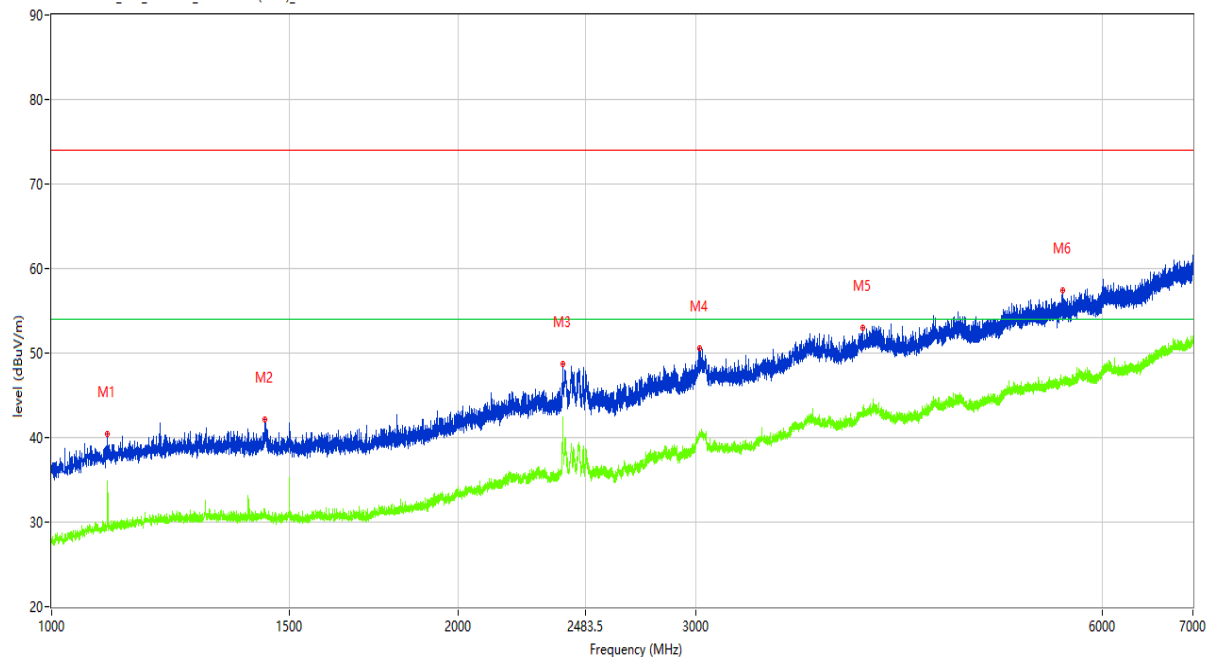
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Spurious Emission, 1GHz – 10th Harmonic, 802.11n40, 2422MHz

1GHz-7GHz, Horizontal

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	1099.738	40.44	-13.40	74.0	-33.56	Peak	2.40	150	Horizontal	Pass
1**	1099.738	34.86	-13.40	54.0	-19.14	AV	2.40	150	Horizontal	Pass
2	1439.195	42.15	-12.74	74.0	-31.85	Peak	36.30	150	Horizontal	Pass
2**	1439.195	30.84	-12.74	54.0	-23.16	AV	36.30	150	Horizontal	Pass
3	2391.326	48.75	-5.35	74.0	-25.25	Peak	335.50	150	Horizontal	Pass
3**	2391.326	42.48	-5.35	54.0	-11.52	AV	335.50	150	Horizontal	Pass
4	3017.998	50.58	-4.82	74.0	-23.42	Peak	173.00	150	Horizontal	Pass
4**	3017.998	39.98	-4.82	54.0	-14.02	AV	173.00	150	Horizontal	Pass
5	3987.377	52.99	-1.87	74.0	-21.01	Peak	153.60	150	Horizontal	Pass
5**	3987.377	43.06	-1.87	54.0	-10.94	AV	153.60	150	Horizontal	Pass
6	5606.674	57.46	1.08	74.0	-16.54	Peak	130.90	150	Horizontal	Pass
6**	5606.674	46.84	1.08	54.0	-7.16	AV	130.90	150	Horizontal	Pass

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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	7937.516	37.31	7.00	74.0	-36.69	Peak	288.10	150	Horizontal	Pass
1**	7937.516	27.87	7.00	54.0	-26.13	AV	288.10	150	Horizontal	Pass
2	9383.654	41.53	11.48	74.0	-32.47	Peak	26.90	150	Horizontal	Pass
2**	9383.654	32.56	11.48	54.0	-21.44	AV	26.90	150	Horizontal	Pass
3	12446.388	48.64	17.12	74.0	-25.36	Peak	360.00	150	Horizontal	Pass
3**	12446.388	40.32	17.12	54.0	-13.68	AV	360.00	150	Horizontal	Pass
4	13152.962	50.23	18.53	74.0	-23.77	Peak	17.60	150	Horizontal	Pass
4**	13152.962	41.78	18.53	54.0	-12.22	AV	17.60	150	Horizontal	Pass
5	14189.453	52.31	22.33	74.0	-21.69	Peak	218.50	150	Horizontal	Pass
5**	14189.453	44.71	22.33	54.0	-9.29	AV	218.50	150	Horizontal	Pass
6	17829.543	57.58	24.17	74.0	-16.42	Peak	8.60	150	Horizontal	Pass
6**	17829.543	49.54	24.17	54.0	-4.46	AV	8.60	150	Horizontal	Pass

TEST REPORT

Report No.: SHE20120008-02CE

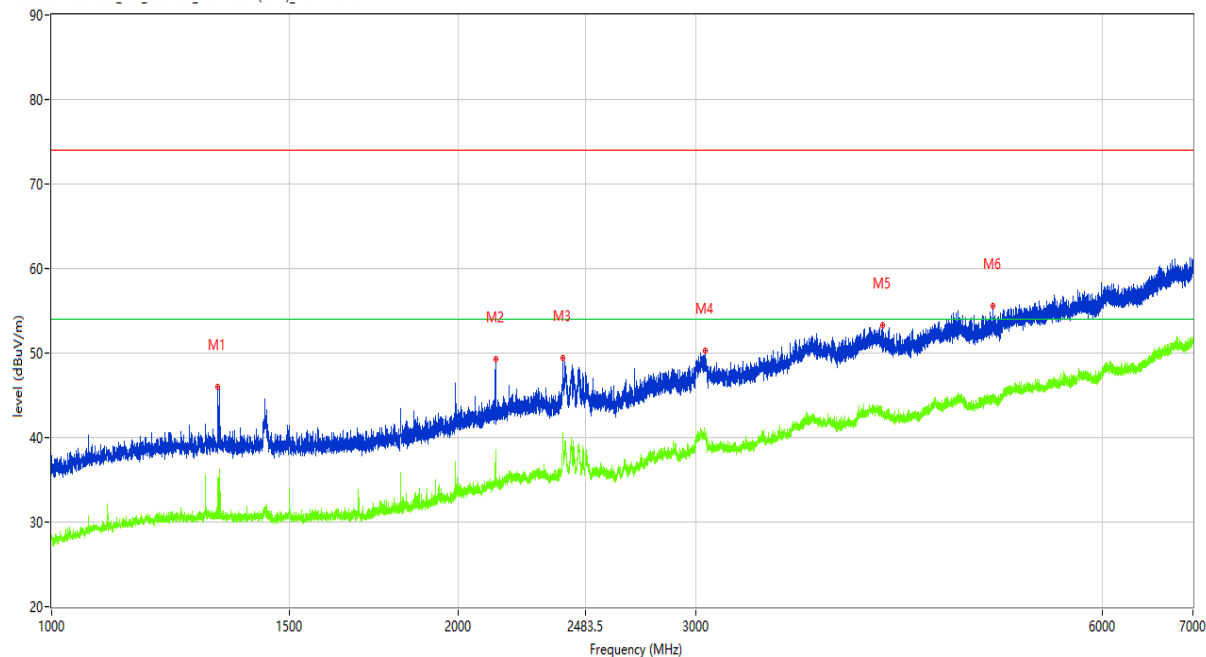
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Spurious Emission, 1GHz – 10th Harmonic, 802.11n40, 2422MHz

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	1327.209	46.06	-12.78	74.0	-27.94	Peak	110.20	150	Vertical	Pass
1**	1327.209	35.18	-12.78	54.0	-18.82	AV	110.20	150	Vertical	Pass
2	2132.608	49.23	-8.88	74.0	-24.77	Peak	326.80	150	Vertical	Pass
2**	2132.608	38.64	-8.88	54.0	-15.36	AV	326.80	150	Vertical	Pass
3	2391.826	49.38	-4.61	74.0	-24.62	Peak	0.00	150	Vertical	Pass
3**	2391.826	39.60	-4.61	54.0	-14.40	AV	0.00	150	Vertical	Pass
4	3049.494	50.33	-5.21	74.0	-23.67	Peak	314.30	150	Vertical	Pass
4**	3049.494	39.99	-5.21	54.0	-14.01	AV	314.30	150	Vertical	Pass
5	4122.860	53.22	-1.93	74.0	-20.78	Peak	252.90	150	Vertical	Pass
5**	4122.860	43.11	-1.93	54.0	-10.89	AV	252.90	150	Vertical	Pass
6	4980.252	55.57	-0.66	74.0	-18.43	Peak	85.10	150	Vertical	Pass
6**	4980.252	44.47	-0.66	54.0	-9.53	AV	85.10	150	Vertical	Pass

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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	8025.494	36.68	8.03	74.0	-37.32	Peak	36.20	150	Vertical	Pass
1**	8025.494	28.21	8.03	54.0	-25.79	AV	36.20	150	Vertical	Pass
2	9380.905	40.82	11.47	74.0	-33.18	Peak	80.80	150	Vertical	Pass
2**	9380.905	32.04	11.47	54.0	-21.96	AV	80.80	150	Vertical	Pass
3	10037.991	43.12	13.00	74.0	-30.88	Peak	228.20	150	Vertical	Pass
3**	10037.991	34.41	13.00	54.0	-19.59	AV	228.20	150	Vertical	Pass
4	12468.383	47.63	17.15	74.0	-26.37	Peak	112.10	150	Vertical	Pass
4**	12468.383	39.84	17.15	54.0	-14.16	AV	112.10	150	Vertical	Pass
5	13169.458	49.72	18.52	74.0	-24.28	Peak	154.90	150	Vertical	Pass
5**	13169.458	41.08	18.52	54.0	-12.92	AV	154.90	150	Vertical	Pass
6	17821.295	58.00	24.42	74.0	-16.00	Peak	205.90	150	Vertical	Pass
6**	17821.295	49.76	24.42	54.0	-4.24	AV	205.90	150	Vertical	Pass

TEST REPORT

Report No.: SHE20120008-02CE

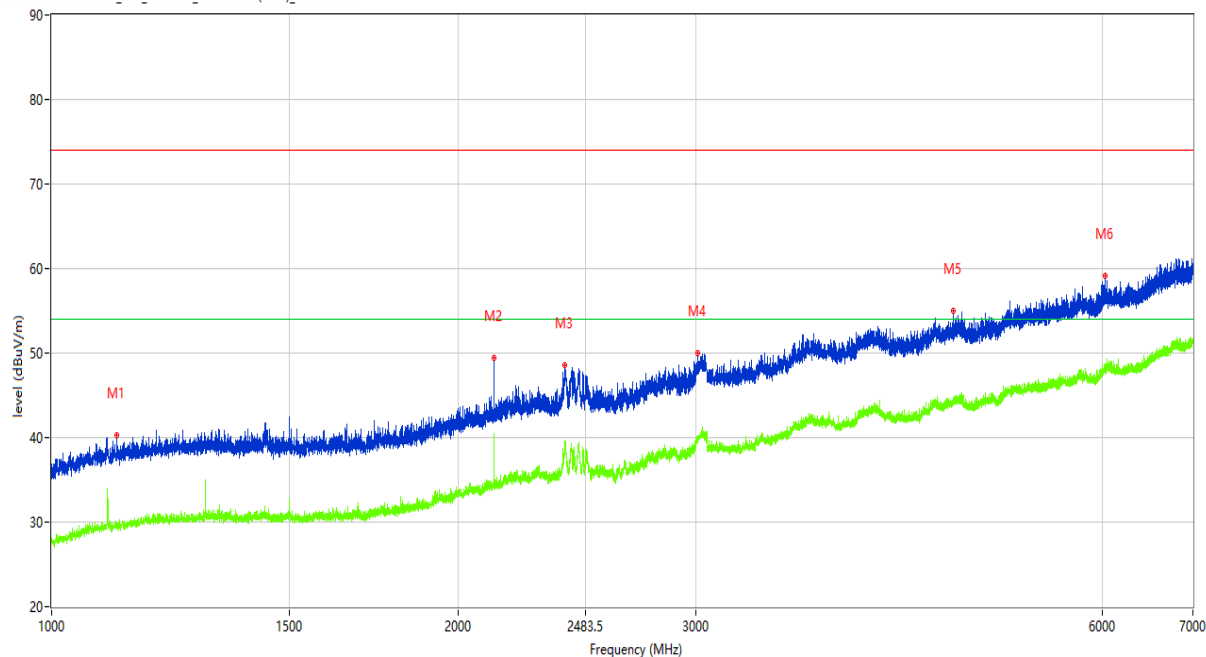
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Spurious Emission, 1GHz – 10th Harmonic, 802.11n40, 2437MHz

1GHz-7GHz, Horizontal

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	1116.735	40.24	-13.27	74.0	-33.76	Peak	268.40	150	Horizontal	Pass
1**	1116.735	29.53	-13.27	54.0	-24.47	AV	268.40	150	Horizontal	Pass
2	2126.609	49.47	-8.89	74.0	-24.53	Peak	272.80	150	Horizontal	Pass
2**	2126.609	40.41	-8.89	54.0	-13.59	AV	272.80	150	Horizontal	Pass
3	2399.075	48.51	-4.46	74.0	-25.49	Peak	263.50	150	Horizontal	Pass
3**	2399.075	39.21	-4.46	54.0	-14.79	AV	263.50	150	Horizontal	Pass
4	3010.999	50.01	-4.93	74.0	-23.99	Peak	130.20	150	Horizontal	Pass
4**	3010.999	39.90	-4.93	54.0	-14.10	AV	130.20	150	Horizontal	Pass
5	4650.794	54.99	-1.18	74.0	-19.01	Peak	139.50	150	Horizontal	Pass
5**	4650.794	44.36	-1.18	54.0	-9.64	AV	139.50	150	Horizontal	Pass
6	6025.122	59.10	2.04	74.0	-14.90	Peak	120.50	150	Horizontal	Pass
6**	6025.122	47.60	2.04	54.0	-6.40	AV	120.50	150	Horizontal	Pass

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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	8044.739	37.38	8.34	74.0	-36.62	Peak	236.40	150	Horizontal	Pass
1**	8044.739	28.58	8.34	54.0	-25.42	AV	236.40	150	Horizontal	Pass
2	9545.864	41.16	11.67	74.0	-32.84	Peak	343.60	150	Horizontal	Pass
2**	9545.864	31.46	11.67	54.0	-22.54	AV	343.60	150	Horizontal	Pass
3	11187.203	45.50	14.46	74.0	-28.50	Peak	277.30	150	Horizontal	Pass
3**	11187.203	36.27	14.46	54.0	-17.73	AV	277.30	150	Horizontal	Pass
4	12449.138	48.84	17.13	74.0	-25.16	Peak	343.60	150	Horizontal	Pass
4**	12449.138	40.18	17.13	54.0	-13.82	AV	343.60	150	Horizontal	Pass
5	14197.701	52.33	22.13	74.0	-21.67	Peak	218.20	150	Horizontal	Pass
5**	14197.701	44.12	22.13	54.0	-9.88	AV	218.20	150	Horizontal	Pass
6	17804.799	58.18	24.91	74.0	-15.82	Peak	263.60	150	Horizontal	Pass
6**	17804.799	49.88	24.91	54.0	-4.12	AV	263.60	150	Horizontal	Pass

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Spurious Emission, 1GHz – 10th Harmonic, 802.11n40, 2437MHz

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	1299.713	41.82	-12.68	74.0	-32.18	Peak	359.50	150	Vertical	Pass
1**	1299.713	35.27	-12.68	54.0	-18.73	AV	359.50	150	Vertical	Pass
2	1437.695	43.16	-12.71	74.0	-30.84	Peak	6.70	150	Vertical	Pass
2**	1437.695	31.95	-12.71	54.0	-22.05	AV	6.70	150	Vertical	Pass
3	1812.148	42.89	-12.12	74.0	-31.11	Peak	25.70	150	Vertical	Pass
3**	1812.148	35.92	-12.12	54.0	-18.08	AV	25.70	150	Vertical	Pass
4	2426.572	49.04	-4.70	74.0	-24.96	Peak	160.00	150	Vertical	Pass
4**	2426.572	38.76	-4.70	54.0	-15.24	AV	160.00	150	Vertical	Pass
5	3043.995	50.63	-5.03	74.0	-23.37	Peak	151.30	150	Vertical	Pass
5**	3043.995	39.84	-5.03	54.0	-14.16	AV	151.30	150	Vertical	Pass
6	6513.561	60.44	2.71	74.0	-13.56	Peak	55.30	150	Vertical	Pass
6**	6513.561	49.54	2.71	54.0	-4.46	AV	55.30	150	Vertical	Pass

TEST REPORT

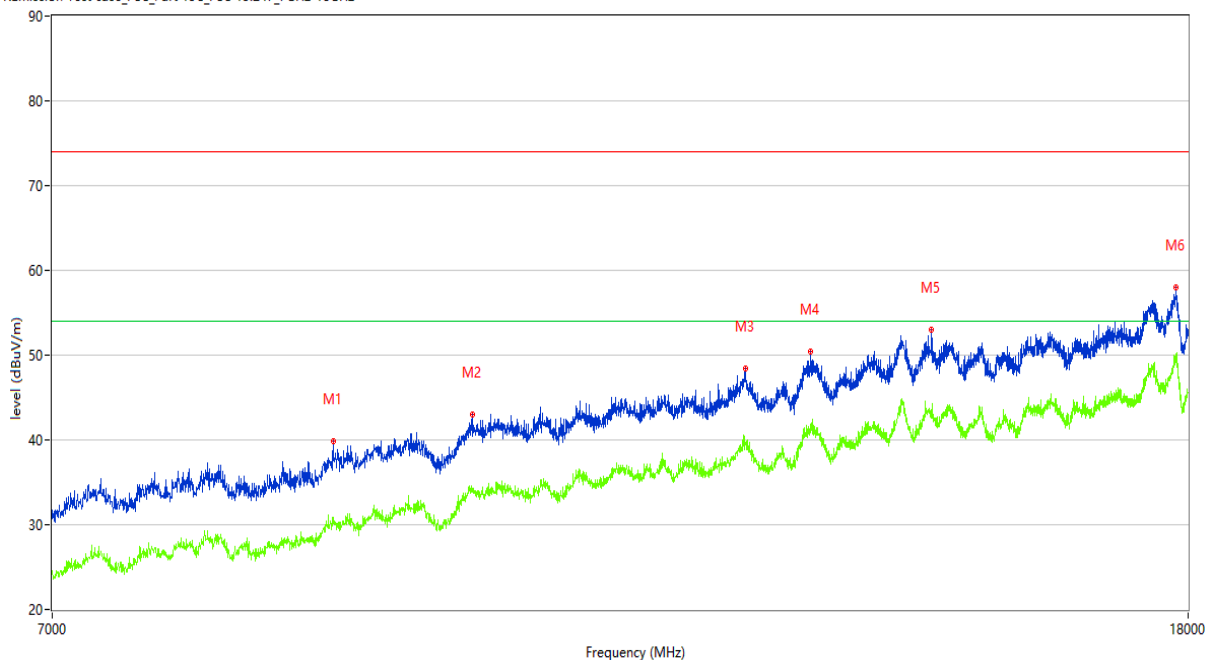
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7GHz-18GHz, Vertical

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	8842.039	39.87	9.10	74.0	-34.13	Peak	230.10	150	Vertical	Pass
1**	8842.039	30.17	9.10	54.0	-23.83	AV	230.10	150	Vertical	Pass
2	9928.018	42.96	13.48	74.0	-31.04	Peak	87.20	150	Vertical	Pass
2**	9928.018	34.23	13.48	54.0	-19.77	AV	87.20	150	Vertical	Pass
3	12460.135	48.40	17.18	74.0	-25.60	Peak	307.80	150	Vertical	Pass
3**	12460.135	39.45	17.18	54.0	-14.55	AV	307.80	150	Vertical	Pass
4	13152.962	50.39	18.53	74.0	-23.61	Peak	77.10	150	Vertical	Pass
4**	13152.962	40.89	18.53	54.0	-13.11	AV	77.10	150	Vertical	Pass
5	14541.365	52.95	19.76	74.0	-21.05	Peak	216.70	150	Vertical	Pass
5**	14541.365	43.21	19.76	54.0	-10.79	AV	216.70	150	Vertical	Pass
6	17821.295	57.94	24.42	74.0	-16.06	Peak	293.30	150	Vertical	Pass
6**	17821.295	49.63	24.42	54.0	-4.37	AV	293.30	150	Vertical	Pass

TEST REPORT

Report No.: SHE20120008-02CE

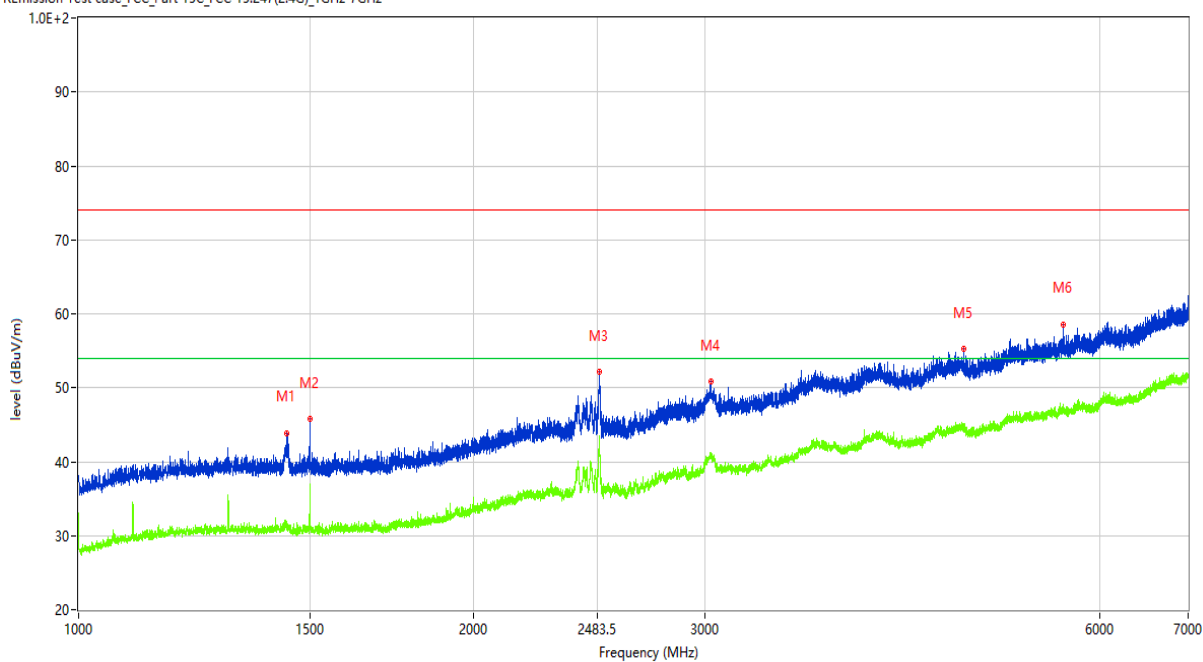
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Spurious Emission, 1GHz – 10th Harmonic, 802.11n40, 2452MHz

1GHz-7GHz, Horizontal

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	1439.945	43.87	-12.75	74.0	-30.13	Peak	50.30	150	Horizontal	Pass
1**	1439.945	31.01	-12.75	54.0	-22.99	AV	50.30	150	Horizontal	Pass
2	1500.187	45.73	-12.95	74.0	-28.27	Peak	36.90	150	Horizontal	Pass
2**	1500.187	37.00	-12.95	54.0	-17.00	AV	36.90	150	Horizontal	Pass
3	2492.813	52.12	-5.30	74.0	-21.88	Peak	182.40	150	Horizontal	Pass
3**	2492.813	43.34	-5.30	54.0	-10.66	AV	182.40	150	Horizontal	Pass
4	3030.996	50.79	-4.61	74.0	-23.21	Peak	356.90	150	Horizontal	Pass
4**	3030.996	40.68	-4.61	54.0	-13.32	AV	356.90	150	Horizontal	Pass
5	4721.285	55.21	-1.07	74.0	-18.79	Peak	332.20	150	Horizontal	Pass
5**	4721.285	45.15	-1.07	54.0	-8.85	AV	332.20	150	Horizontal	Pass
6	5622.172	58.51	1.16	74.0	-15.49	Peak	200.00	150	Horizontal	Pass
6**	5622.172	47.37	1.16	54.0	-6.63	AV	200.00	150	Horizontal	Pass

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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	8058.485	36.92	8.12	74.0	-37.08	Peak	44.30	150	Horizontal	Pass
1**	8058.485	28.90	8.12	54.0	-25.10	AV	44.30	150	Horizontal	Pass
2	9386.403	41.07	11.49	74.0	-32.93	Peak	75.60	150	Horizontal	Pass
2**	9386.403	32.04	11.49	54.0	-21.96	AV	75.60	150	Horizontal	Pass
3	11431.892	45.25	15.20	74.0	-28.75	Peak	0.60	150	Horizontal	Pass
3**	11431.892	35.67	15.20	54.0	-18.33	AV	0.60	150	Horizontal	Pass
4	12394.151	47.80	16.90	74.0	-26.20	Peak	124.00	150	Horizontal	Pass
4**	12394.151	38.80	16.90	54.0	-15.20	AV	124.00	150	Horizontal	Pass
5	14197.701	52.57	22.13	74.0	-21.43	Peak	39.50	150	Horizontal	Pass
5**	14197.701	44.05	22.13	54.0	-9.95	AV	39.50	150	Horizontal	Pass
6	17815.796	57.86	24.58	74.0	-16.14	Peak	141.80	150	Horizontal	Pass
6**	17815.796	49.07	24.58	54.0	-4.93	AV	141.80	150	Horizontal	Pass

TEST REPORT

Report No.: SHE20120008-02CE

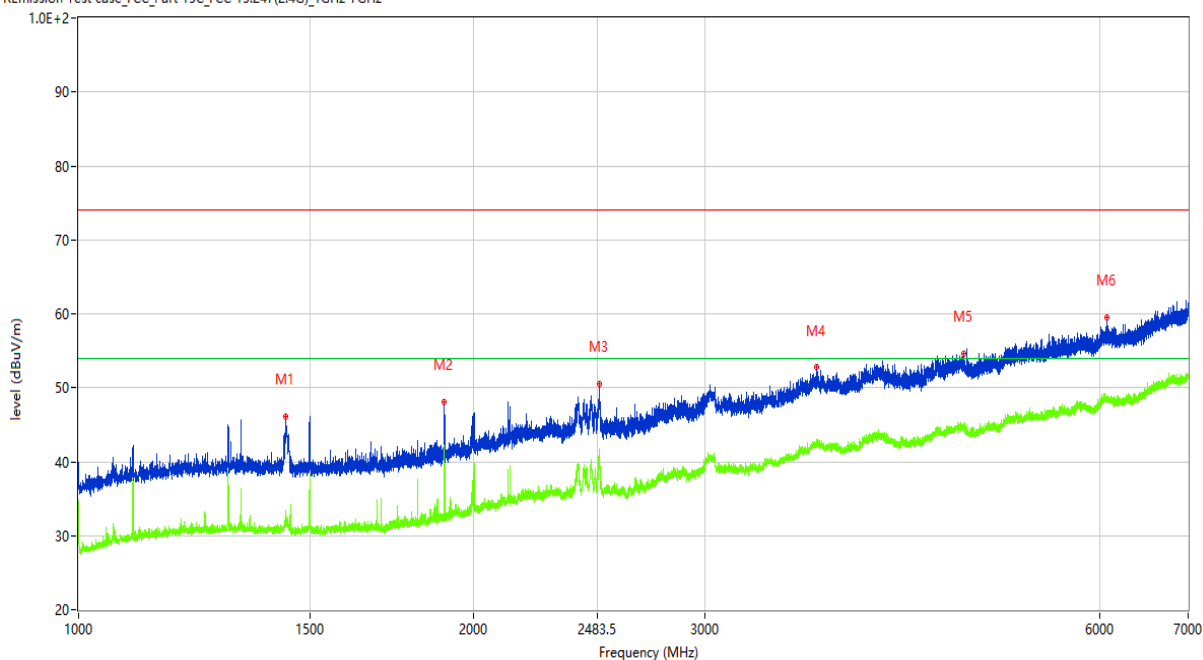
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Spurious Emission, 1GHz – 10th Harmonic, 802.11n40, 2452MHz

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	1438.945	46.14	-12.73	74.0	-27.86	Peak	70.00	150	Vertical	Pass
1**	1438.945	33.31	-12.73	54.0	-20.69	AV	70.00	150	Vertical	Pass
2	1899.888	48.11	-11.54	74.0	-25.89	Peak	346.40	150	Vertical	Pass
2**	1899.888	42.12	-11.54	54.0	-11.88	AV	346.40	150	Vertical	Pass
3	2492.063	50.56	-5.29	74.0	-23.44	Peak	125.00	150	Vertical	Pass
3**	2492.063	40.89	-5.29	54.0	-13.11	AV	125.00	150	Vertical	Pass
4	3647.919	52.75	-2.24	74.0	-21.25	Peak	313.20	150	Vertical	Pass
4**	3647.919	42.00	-2.24	54.0	-12.00	AV	313.20	150	Vertical	Pass
5	4724.784	54.64	-1.10	74.0	-19.36	Peak	0.00	150	Vertical	Pass
5**	4724.784	45.09	-1.10	54.0	-8.91	AV	0.00	150	Vertical	Pass
6	6065.617	59.57	2.06	74.0	-14.43	Peak	66.80	150	Vertical	Pass
6**	6065.617	48.71	2.06	54.0	-5.29	AV	66.80	150	Vertical	Pass

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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	8798.050	38.02	8.90	74.0	-35.98	Peak	278.80	150	Vertical	Pass
1**	8798.050	29.96	8.90	54.0	-24.04	AV	278.80	150	Vertical	Pass
2	9980.255	43.45	13.15	74.0	-30.55	Peak	46.20	150	Vertical	Pass
2**	9980.255	34.35	13.15	54.0	-19.65	AV	46.20	150	Vertical	Pass
3	12449.138	48.93	17.13	74.0	-25.07	Peak	203.30	150	Vertical	Pass
3**	12449.138	39.39	17.13	54.0	-14.61	AV	203.30	150	Vertical	Pass
4	14453.387	52.41	20.02	74.0	-21.59	Peak	278.80	150	Vertical	Pass
4**	14453.387	42.93	20.02	54.0	-11.07	AV	278.80	150	Vertical	Pass
5	16064.484	54.29	20.50	74.0	-19.71	Peak	148.50	150	Vertical	Pass
5**	16064.484	44.73	20.50	54.0	-9.27	AV	148.50	150	Vertical	Pass
6	17793.802	57.62	25.08	74.0	-16.38	Peak	325.30	150	Vertical	Pass
6**	17793.802	49.83	25.08	54.0	-4.17	AV	325.30	150	Vertical	Pass

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4.1.7 Band Edge (Restricted-band band-edge)

RESULT:

PASS

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

Requirement : ANSI C63.10-2013, 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.

Note: The all chains(antenna 0 and antenna 1) were tested respectively, but only the worst configuration shown here.

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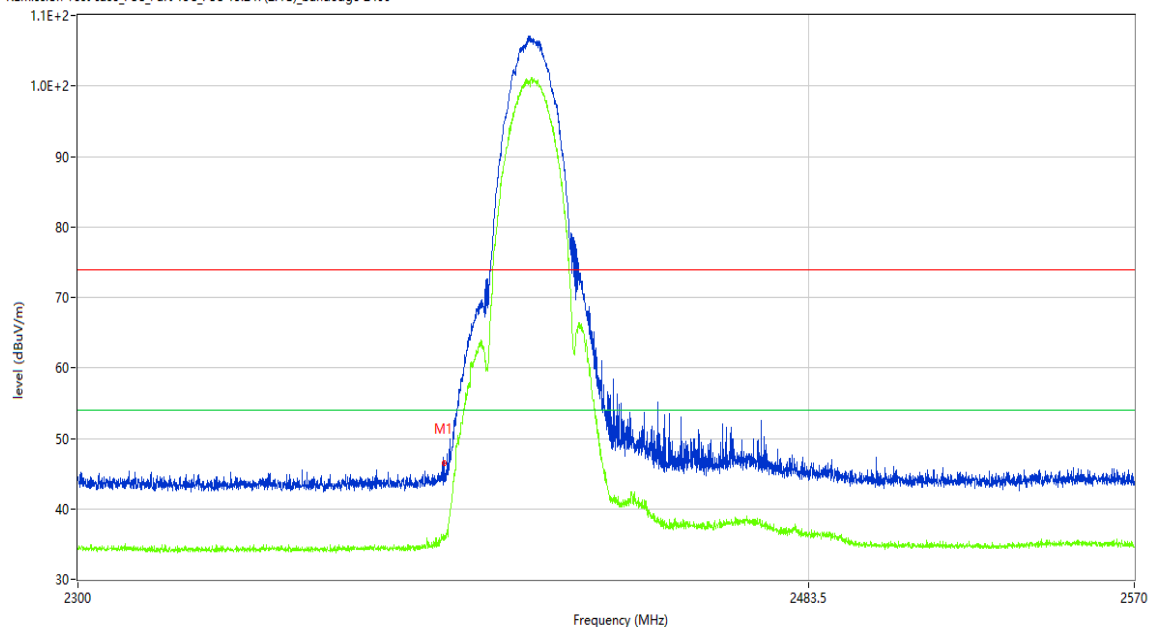
Date: 2021-01-07

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

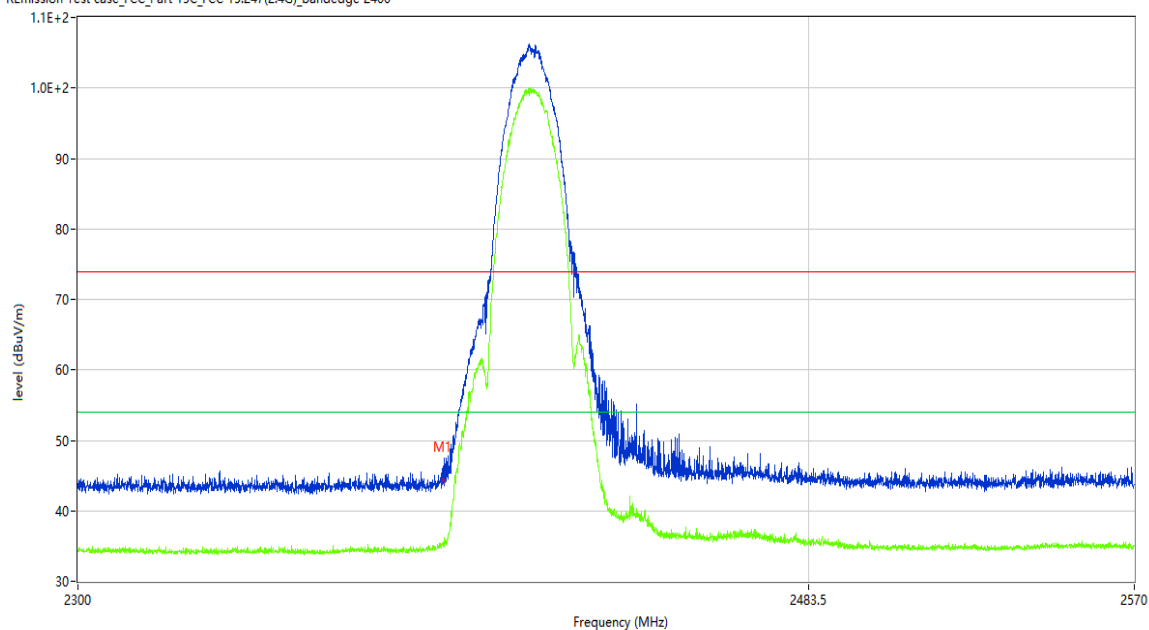
Horizontal and Vertical

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



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	46.43	-10.38	74.0	-27.57	Peak	337.28	150	Horizontal	Pass
1**	2390.000	36.10	-10.38	54.0	-17.90	AV	337.28	150	Horizontal	Pass

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



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	44.17	-10.38	74.0	-29.83	Peak	294.33	150	Vertical	Pass
1**	2390.000	35.12	-10.38	54.0	-18.88	AV	294.33	150	Vertical	Pass

TEST REPORT

Report No.: SHE20120008-02CE

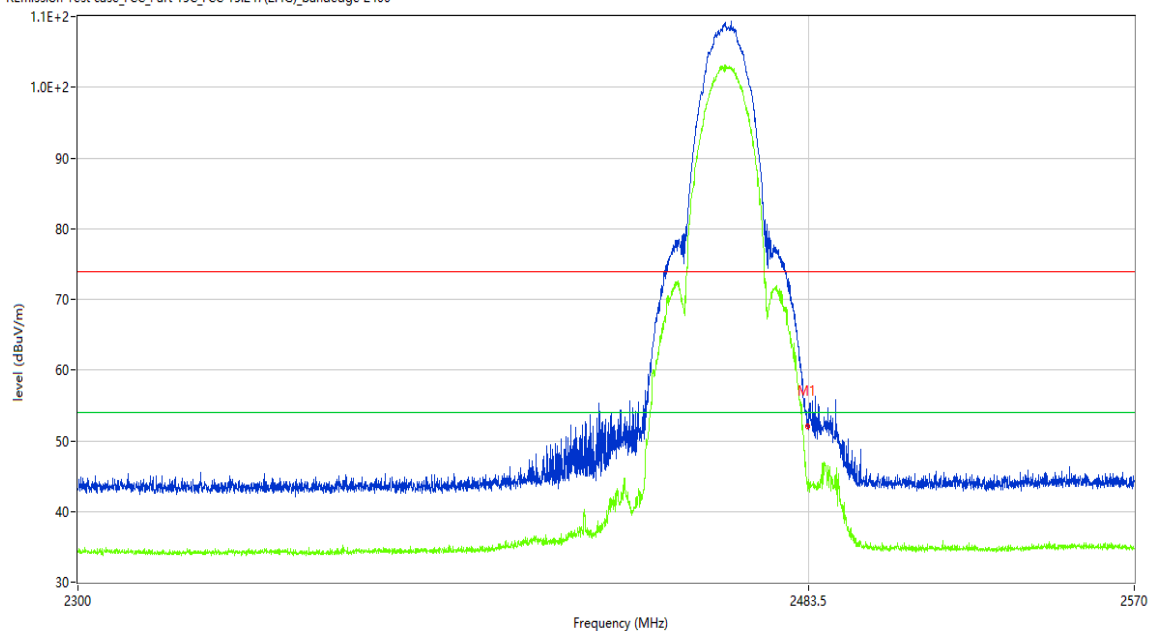
Date: 2021-01-07

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Band Edge (Restricted-band band-edge), 802.11b, 2462MHz

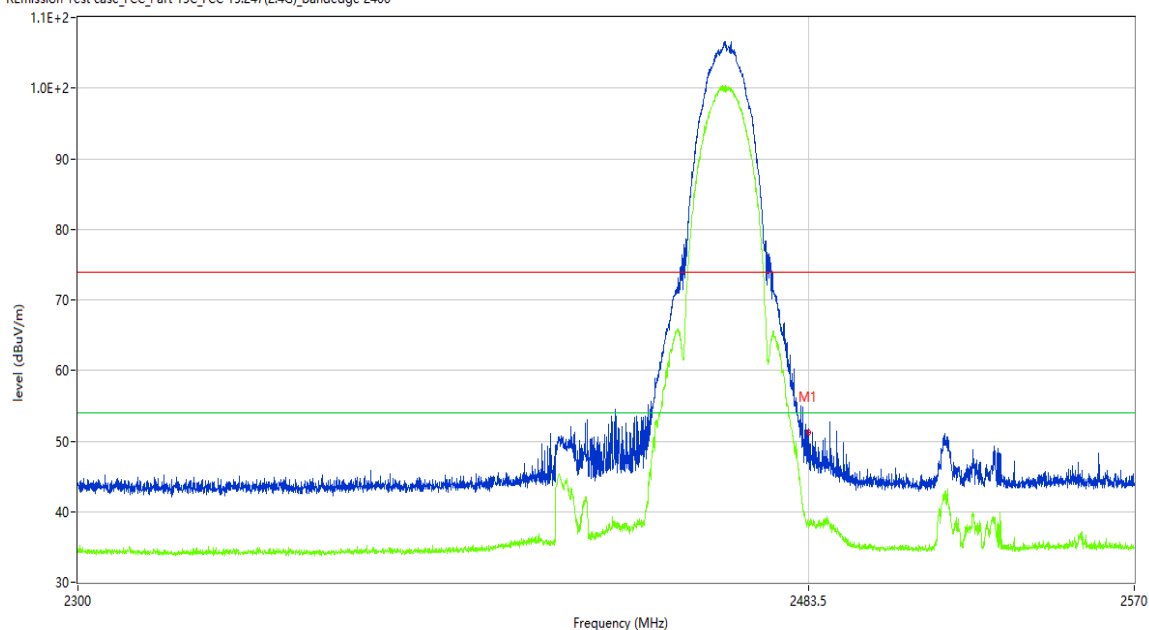
Horizontal and Vertical

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



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	51.86	-9.97	74.0	-22.14	Peak	182.80	150	Horizontal	Pass
1**	2483.500	43.38	-9.97	54.0	-10.62	AV	182.80	150	Horizontal	Pass

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



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	51.07	-9.97	74.0	-22.93	Peak	343.72	150	Vertical	Pass
1**	2483.500	38.07	-9.97	54.0	-15.93	AV	343.72	150	Vertical	Pass

TEST REPORT

Report No.: SHE20120008-02CE

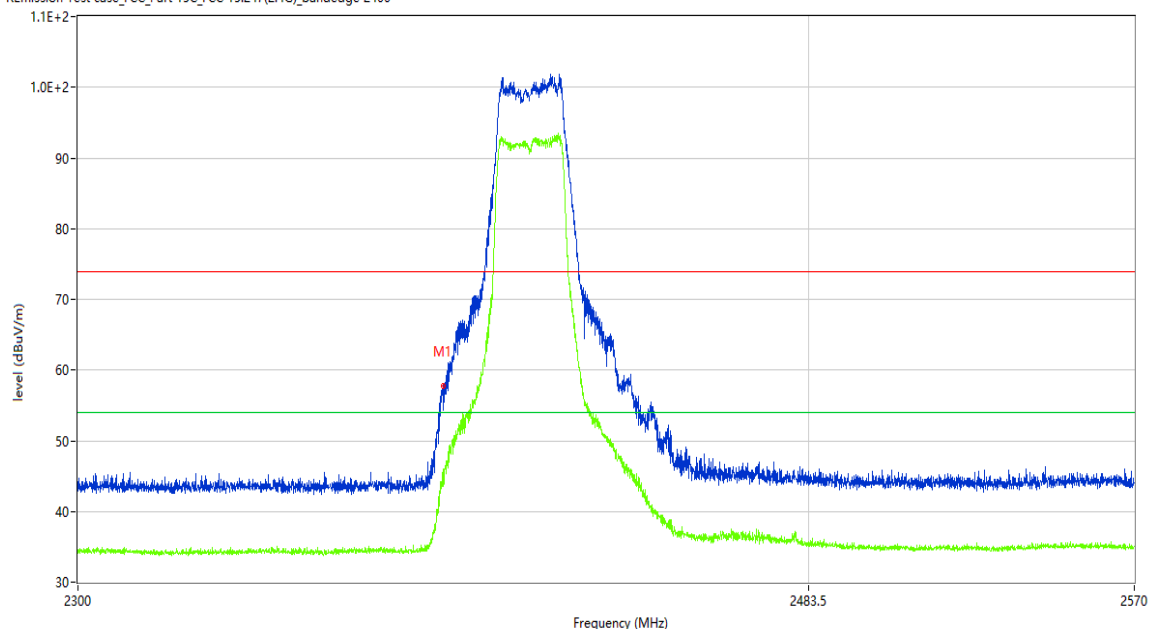
Date: 2021-01-07

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Band Edge (Restricted-band band-edge), 802.11g, 2412MHz

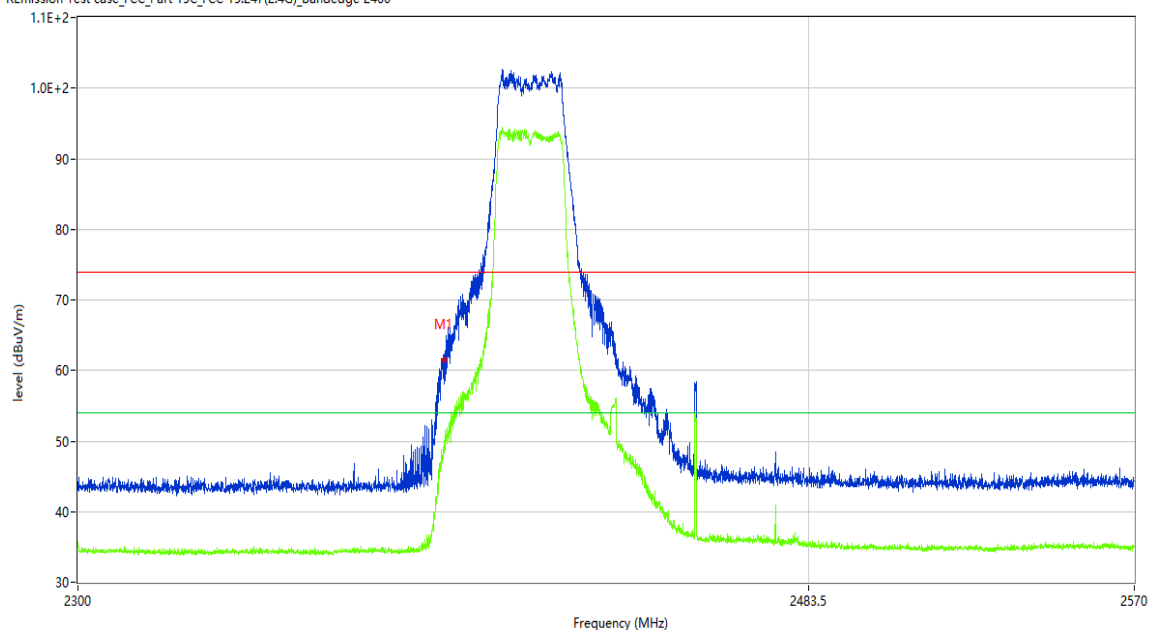
Horizontal and Vertical

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



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	57.54	-10.38	74.0	-16.46	Peak	108.70	150	Horizontal	Pass
1**	2390.000	45.38	-10.38	54.0	-8.62	AV	108.70	150	Horizontal	Pass

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



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	61.55	-10.38	74.0	-12.45	Peak	98.70	150	Vertical	Pass
1**	2390.000	48.87	-10.38	54.0	-5.13	AV	98.70	150	Vertical	Pass

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Report No.: SHE20120008-02CE

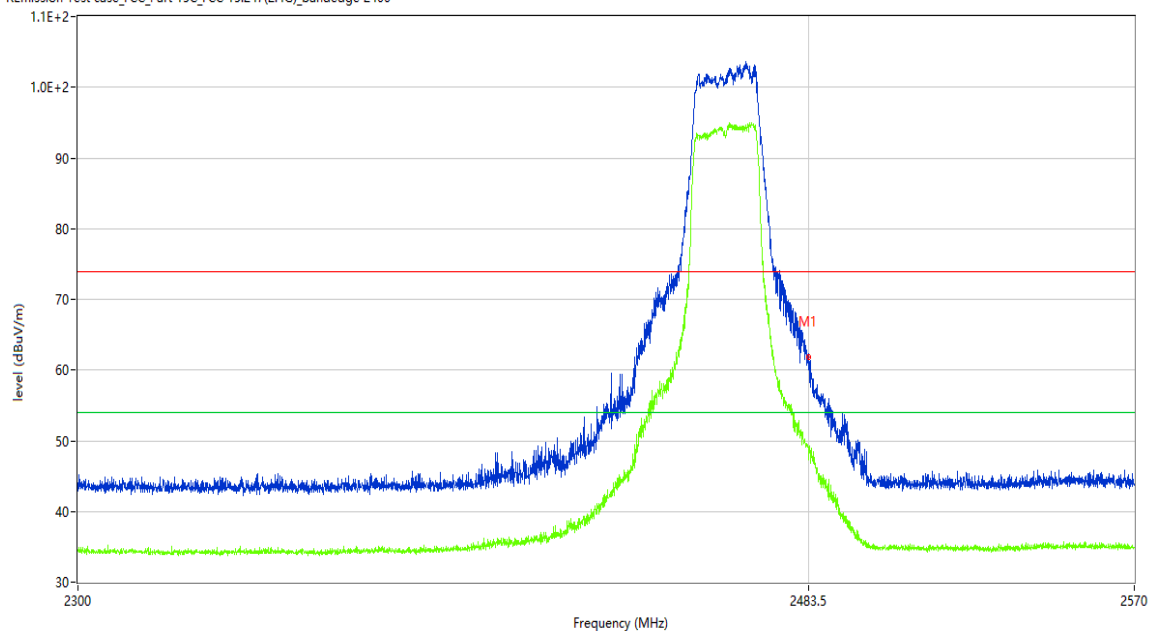
Date: 2021-01-07

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Band Edge (Restricted-band band-edge), 802.11g, 2462MHz

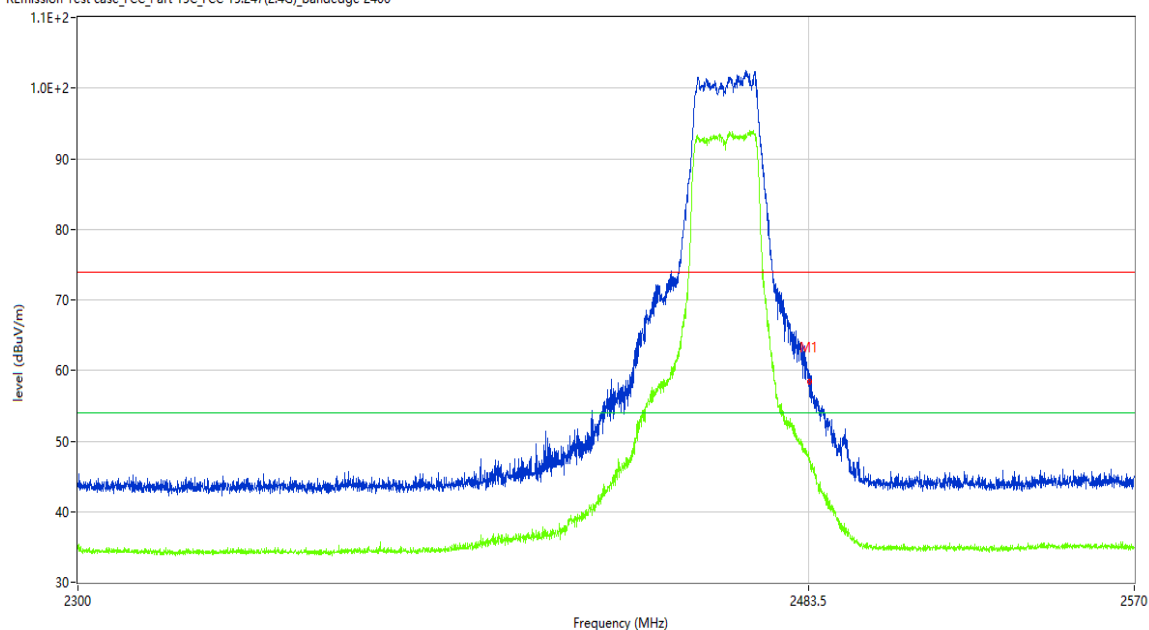
Horizontal and Vertical

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



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	61.57	-9.97	74.0	-12.43	Peak	185.30	150	Horizontal	Pass
1**	2483.500	48.97	-9.97	54.0	-5.03	AV	185.30	150	Horizontal	Pass

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



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	58.21	-9.97	74.0	-15.79	Peak	302.65	150	Vertical	Pass
1**	2483.500	47.60	-9.97	54.0	-6.40	AV	302.65	150	Vertical	Pass

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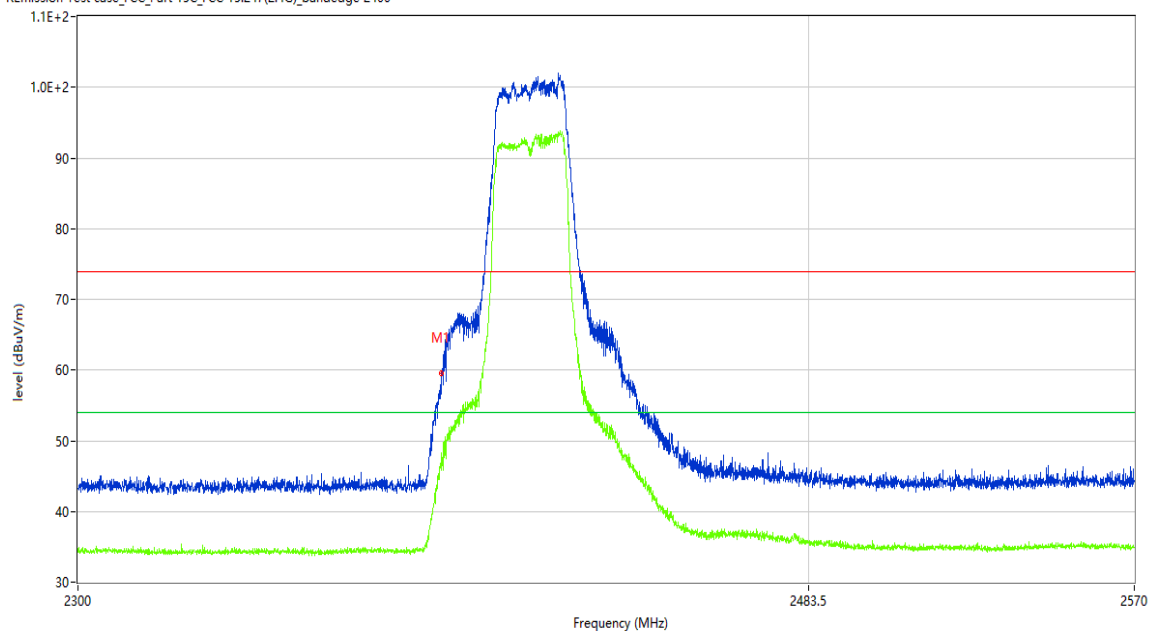
Date: 2021-01-07

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Band Edge (Restricted-band band-edge), 802.11n20, 2412MHz

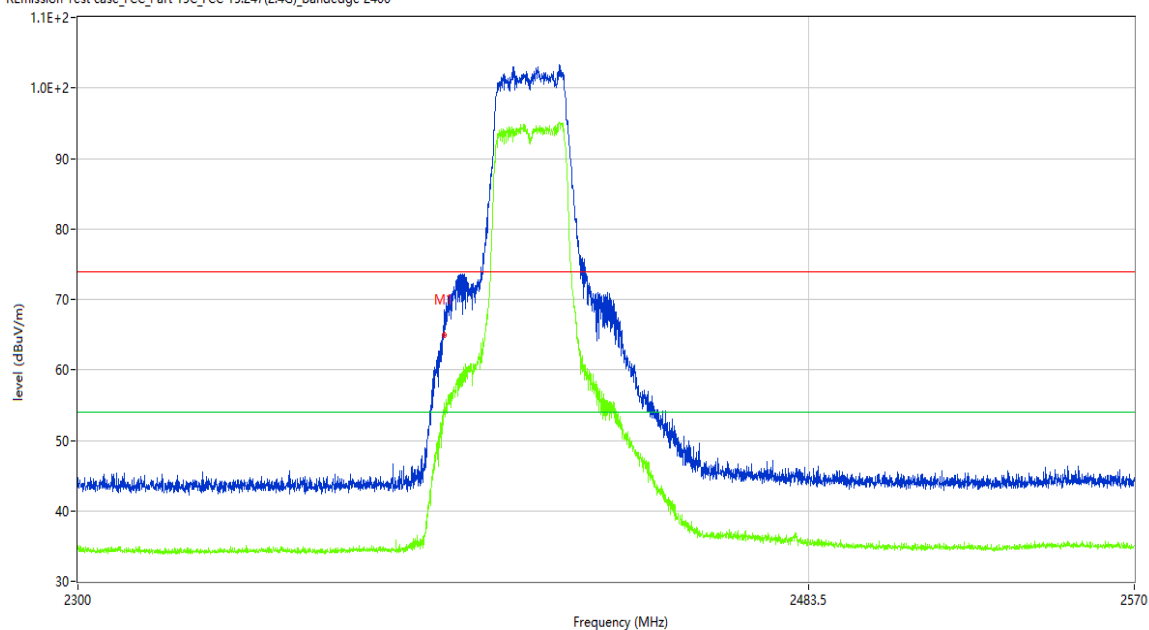
Horizontal and Vertical

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



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	59.56	-10.38	74.0	-14.44	Peak	166.04	150	Horizontal	Pass
1**	2390.000	47.87	-10.38	54.0	-6.13	AV	166.04	150	Horizontal	Pass

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



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	64.93	-10.38	74.0	-9.07	Peak	94.25	150	Vertical	Pass
1**	2390.000	52.73	-10.38	54.0	-1.27	AV	94.25	150	Vertical	Pass

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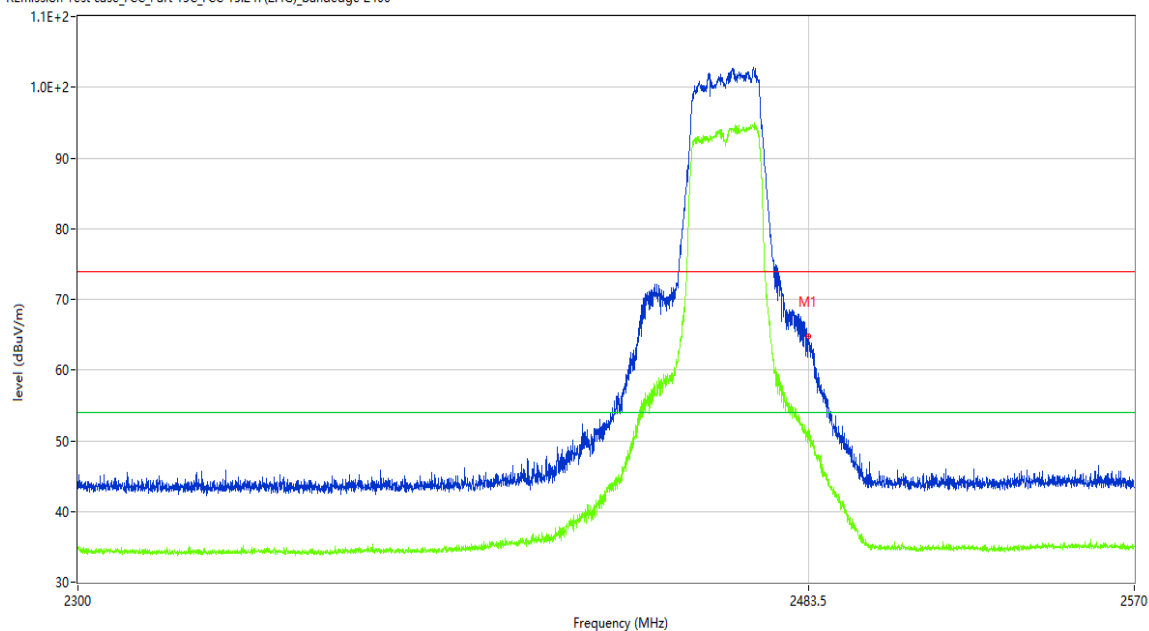
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Band Edge (Restricted-band band-edge), 802.11n20, 2462MHz

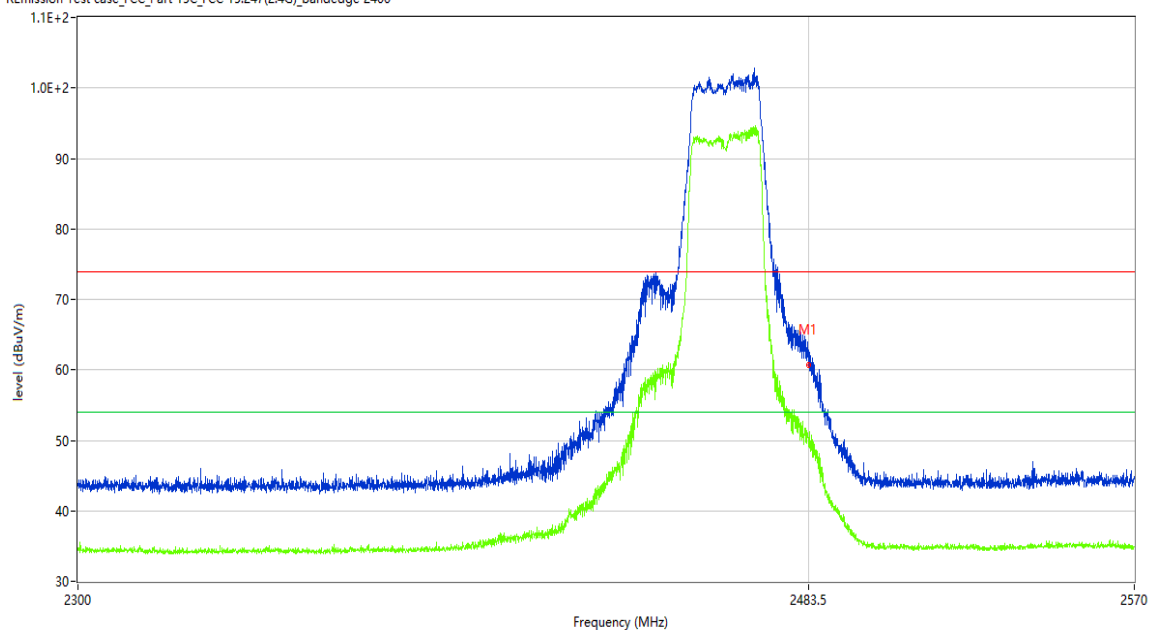
Horizontal and Vertical

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



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	64.89	-9.97	74.0	-9.11	Peak	187.50	150	Horizontal	Pass
1**	2483.500	50.62	-9.97	54.0	-3.38	AV	187.50	150	Horizontal	Pass

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



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	61.00	-9.97	74.0	-13.00	Peak	99.40	150	Vertical	Pass
1**	2483.500	50.39	-9.97	54.0	-3.61	AV	99.40	150	Vertical	Pass

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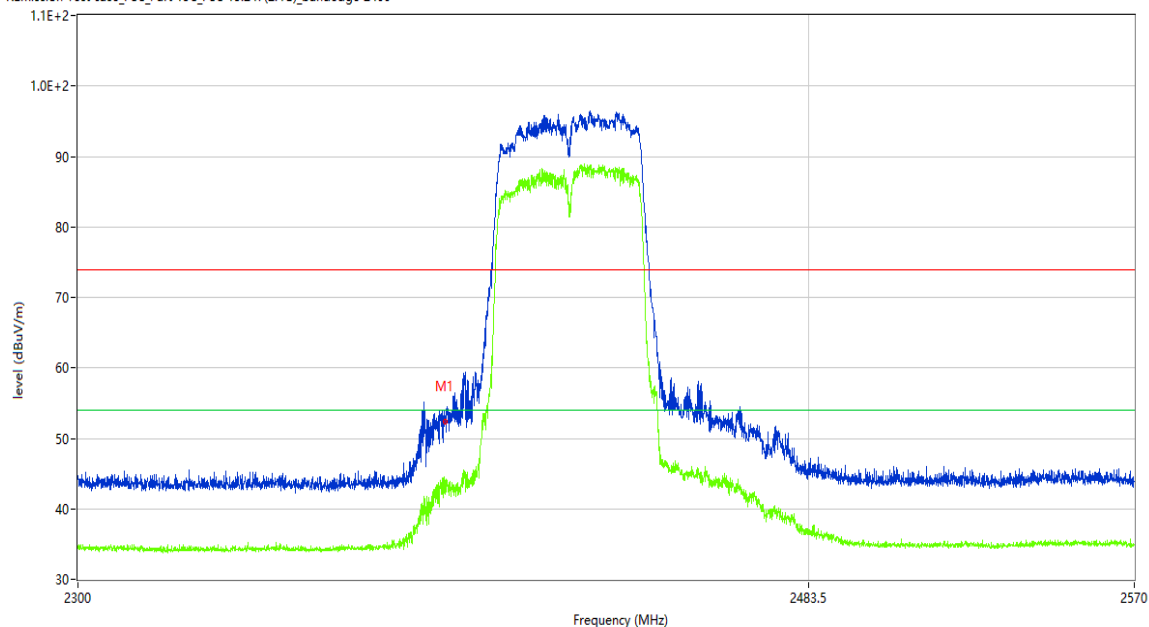
Date: 2021-01-07

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Band Edge (Restricted-band band-edge), 802.11n40, 2422MHz

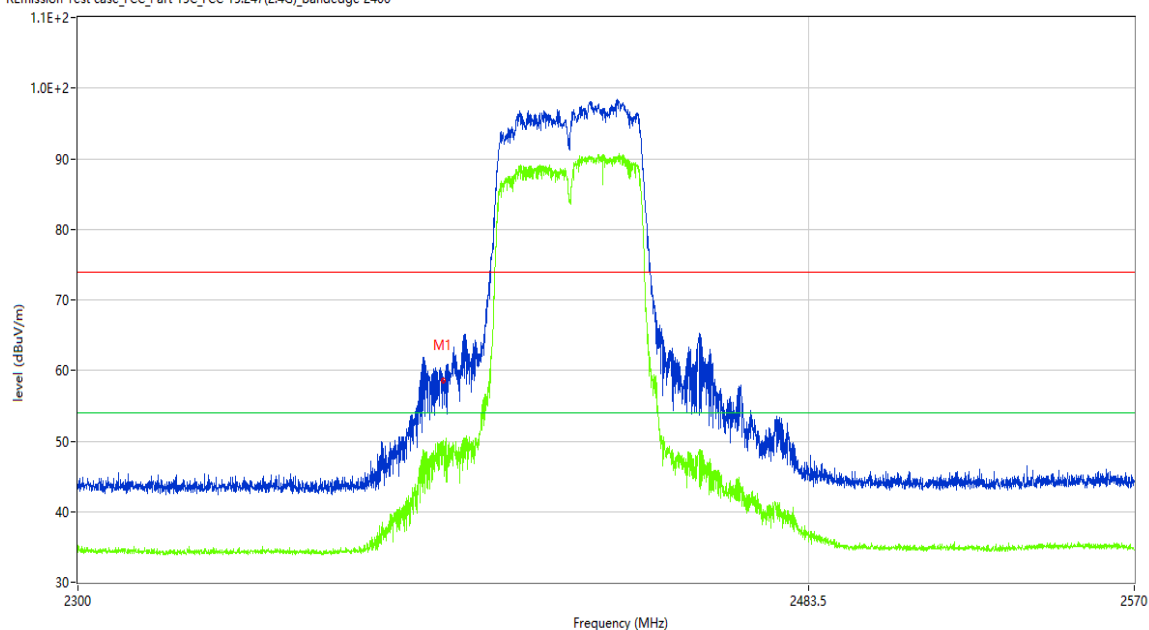
Horizontal and Vertical

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



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	52.35	-10.38	74.0	-21.65	Peak	167.48	150	Horizontal	Pass
1**	2390.000	43.22	-10.38	54.0	-10.78	AV	167.48	150	Horizontal	Pass

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



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	58.78	-10.38	74.0	-15.22	Peak	100.90	150	Vertical	Pass
1**	2390.000	49.60	-10.38	54.0	-4.40	AV	100.90	150	Vertical	Pass

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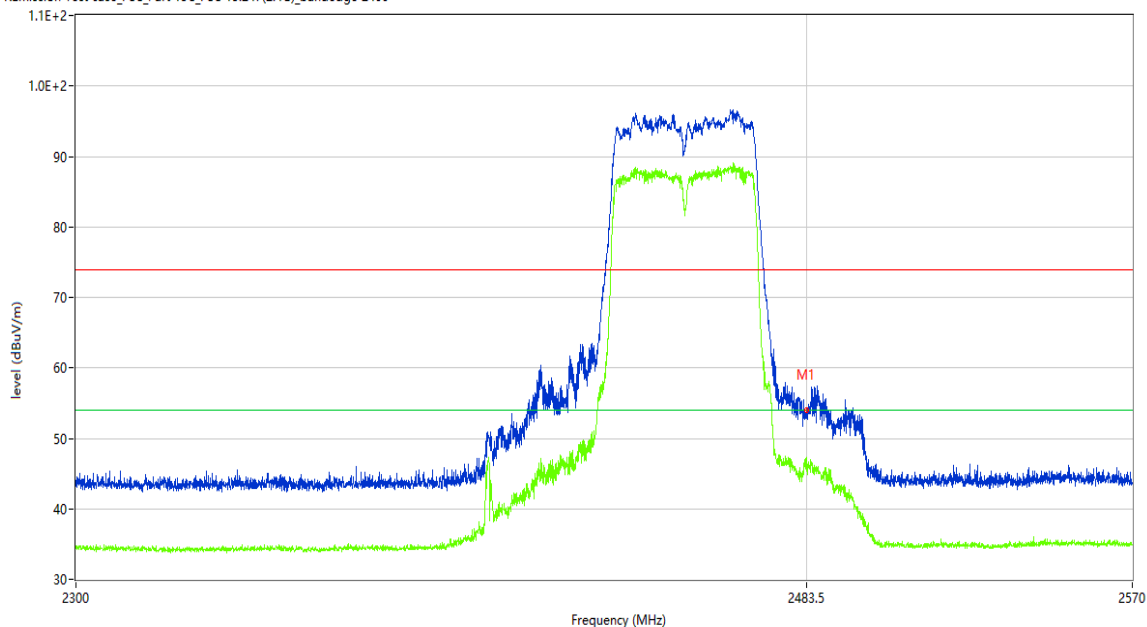
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Band Edge (Restricted-band band-edge), 802.11n40, 2452MHz

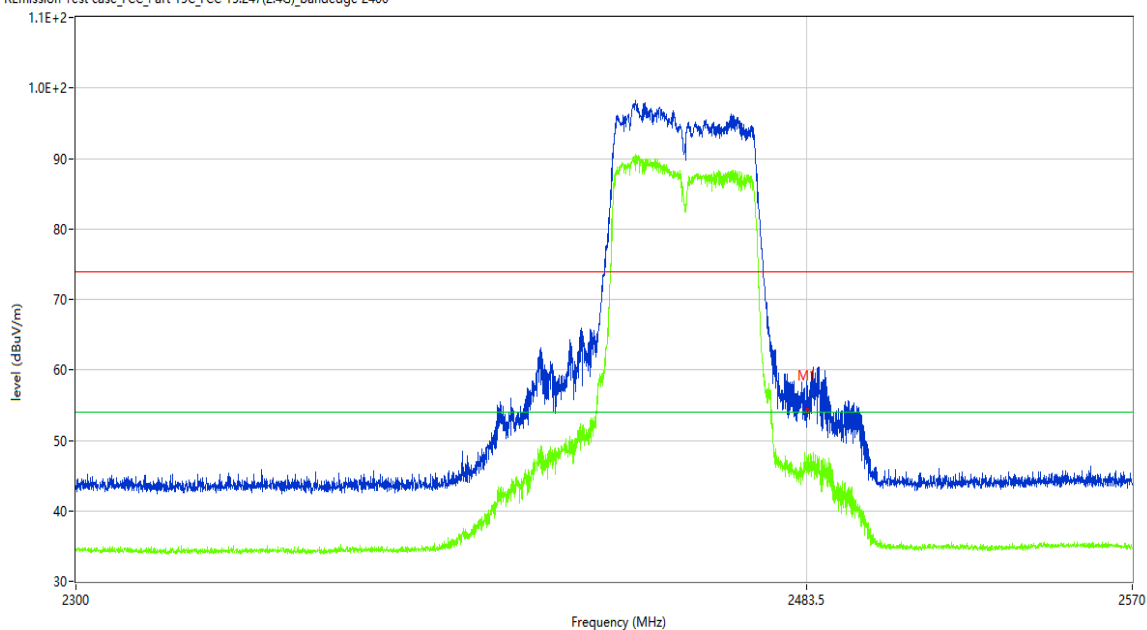
Horizontal and Vertical

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



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	54.00	-9.97	74.0	-20.00	Peak	184.70	150	Horizontal	Pass
1**	2483.500	46.27	-9.97	54.0	-7.73	AV	184.70	150	Horizontal	Pass

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



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	54.08	-9.97	74.0	-19.92	Peak	98.83	150	Vertical	Pass
1**	2483.500	46.36	-9.97	54.0	-7.64	AV	98.83	150	Vertical	Pass

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4.2 Mains Emissions

4.2.1 Conducted Emission on AC Mains

RESULT:

PASS

Test standard : FCC Part 15.207(a)

Requirement : ANSI C63.10-2013

Kind of test site : Shielded room

Test setup

Input Voltage : AC 120V, 60Hz; AC 240V, 50Hz

Operation Mode : A

Earthing : Not Connected

Ambient temperature : 25°C

Relative humidity : 52%

For details refer to following test plot.

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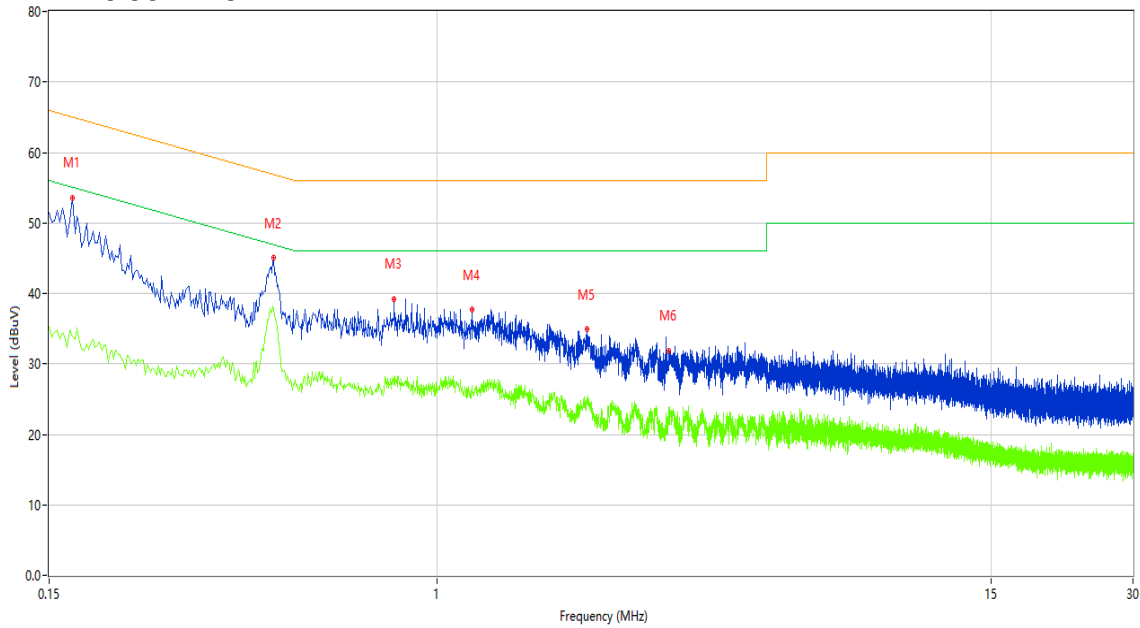
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Note:

The all configurations were tested respectively, but only the worst configuration shown here.

Figure 1: Conducted Emission on AC Mains, L Phase

CEmission Test case_FCC_CE_FCC PART 15B_Class B



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Over Limit (dB)	Detector	Line	Verdict
1	0.166	53.05	9.67	65.16	-12.11	Peak	L	Pass
1*	0.166	47.47	9.67	65.16	-17.69	QP	L	Pass
1**	0.166	34.81	9.67	55.16	-20.35	AV	L	Pass
2	0.450	44.19	9.75	56.88	-12.69	Peak	L	Pass
2*	0.450	41.26	9.75	56.88	-15.62	QP	L	Pass
2**	0.450	37.65	9.75	46.88	-9.23	AV	L	Pass
3	0.810	33.34	9.75	56.00	-22.66	Peak	L	Pass
3*	0.810	25.57	9.75	56.00	-30.43	QP	L	Pass
3**	0.810	27.08	9.75	46.00	-18.92	AV	L	Pass
4	1.184	33.54	9.66	56.00	-22.46	Peak	L	Pass
4*	1.184	27.18	9.66	56.00	-28.82	QP	L	Pass
4**	1.184	26.89	9.66	46.00	-19.11	AV	L	Pass
5	2.076	32.19	9.68	56.00	-23.81	Peak	L	Pass
5*	2.076	27.06	9.68	56.00	-28.94	QP	L	Pass
5**	2.076	24.71	9.68	46.00	-21.29	AV	L	Pass
6	3.100	30.66	9.69	56.00	-25.34	Peak	L	Pass
6*	3.100	25.96	9.69	56.00	-30.04	QP	L	Pass
6**	3.100	23.77	9.69	46.00	-22.23	AV	L	Pass

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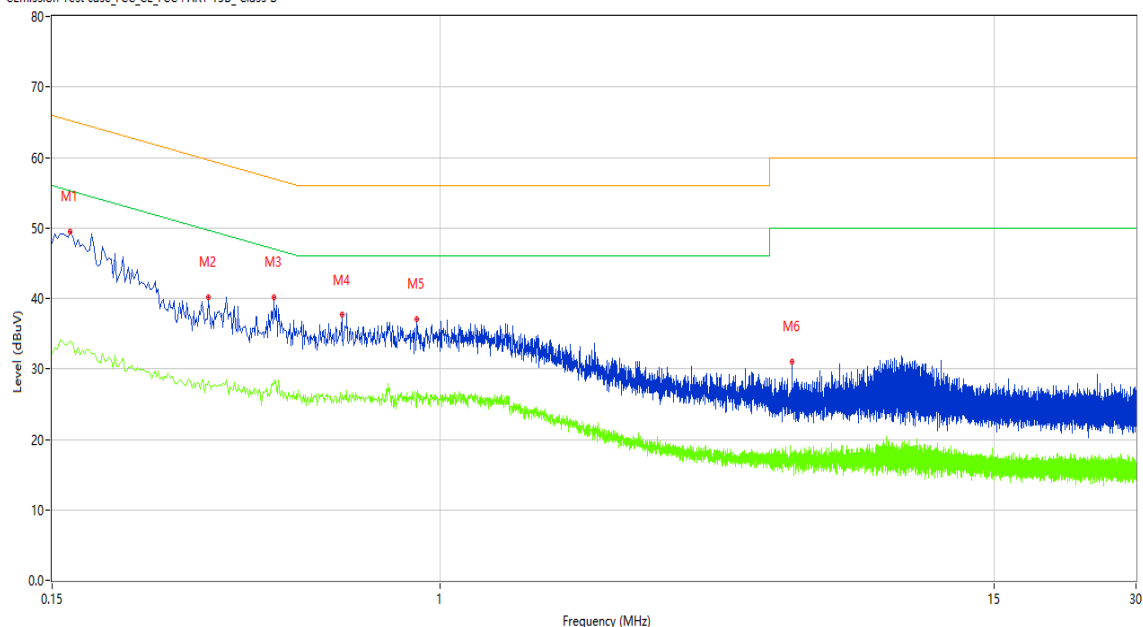
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Figure 2: Conducted Emission on AC Mains, N Phase

CEmission Test case_FCC_CE_FCC PART 15B_Class B



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Over Limit (dB)	Detector	Line	Verdict
1	0.164	52.72	9.67	65.26	-12.54	Peak	N	Pass
1*	0.164	46.69	9.67	65.26	-18.57	QP	N	Pass
1**	0.164	33.93	9.67	55.26	-21.33	AV	N	Pass
2	0.322	39.74	9.71	59.66	-19.92	Peak	N	Pass
2*	0.322	32.50	9.71	59.66	-27.16	QP	N	Pass
2**	0.322	28.25	9.71	49.66	-21.41	AV	N	Pass
3	0.444	39.22	9.75	56.99	-17.77	Peak	N	Pass
3*	0.444	33.75	9.75	56.99	-23.24	QP	N	Pass
3**	0.444	28.44	9.75	46.99	-18.55	AV	N	Pass
4	0.618	32.31	9.76	56.00	-23.69	Peak	N	Pass
4*	0.618	23.28	9.76	56.00	-32.72	QP	N	Pass
4**	0.618	26.37	9.76	46.00	-19.63	AV	N	Pass
5	0.892	29.56	9.76	56.00	-26.44	Peak	N	Pass
5*	0.892	22.68	9.76	56.00	-33.32	QP	N	Pass
5**	0.892	26.32	9.76	46.00	-19.68	AV	N	Pass
6	5.594	26.50	9.70	60.00	-33.50	Peak	N	Pass
6*	5.594	19.22	9.70	60.00	-40.78	QP	N	Pass
6**	5.594	18.01	9.70	50.00	-31.99	AV	N	Pass

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5 Appendixes

5.1 Photographs of the Sample



All of the sample



Front of the sample

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Rear of the sample



Adapter

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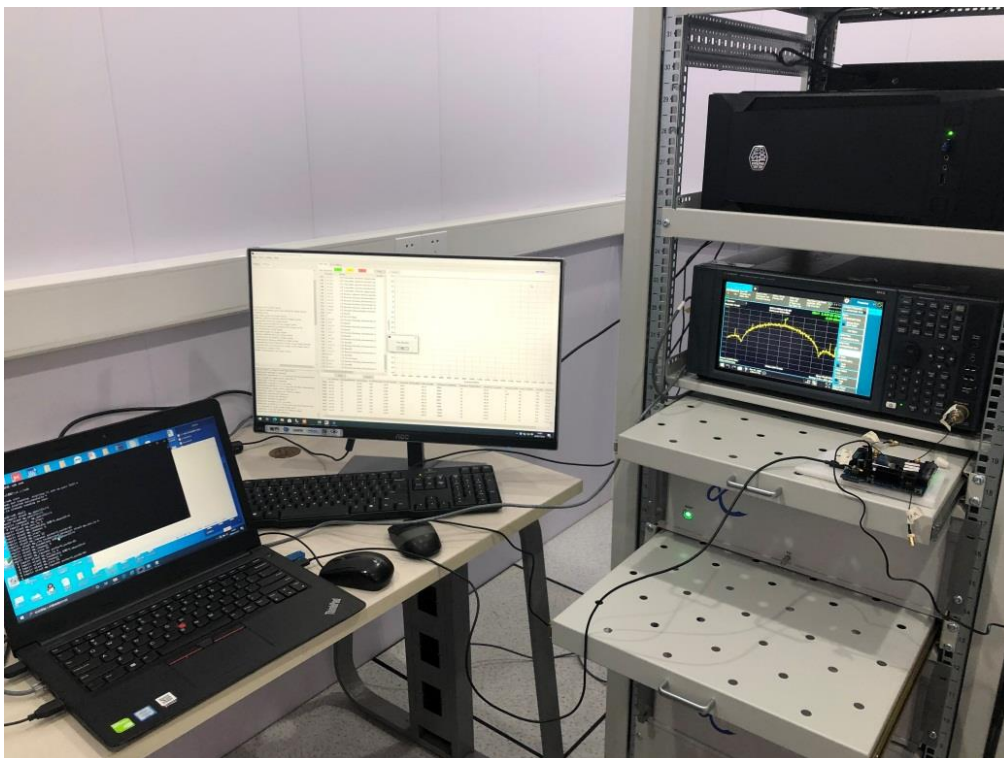
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5.2 Set-up for Conducted Emissions



5.3 Set-up for Conducted RF test at Antenna Port



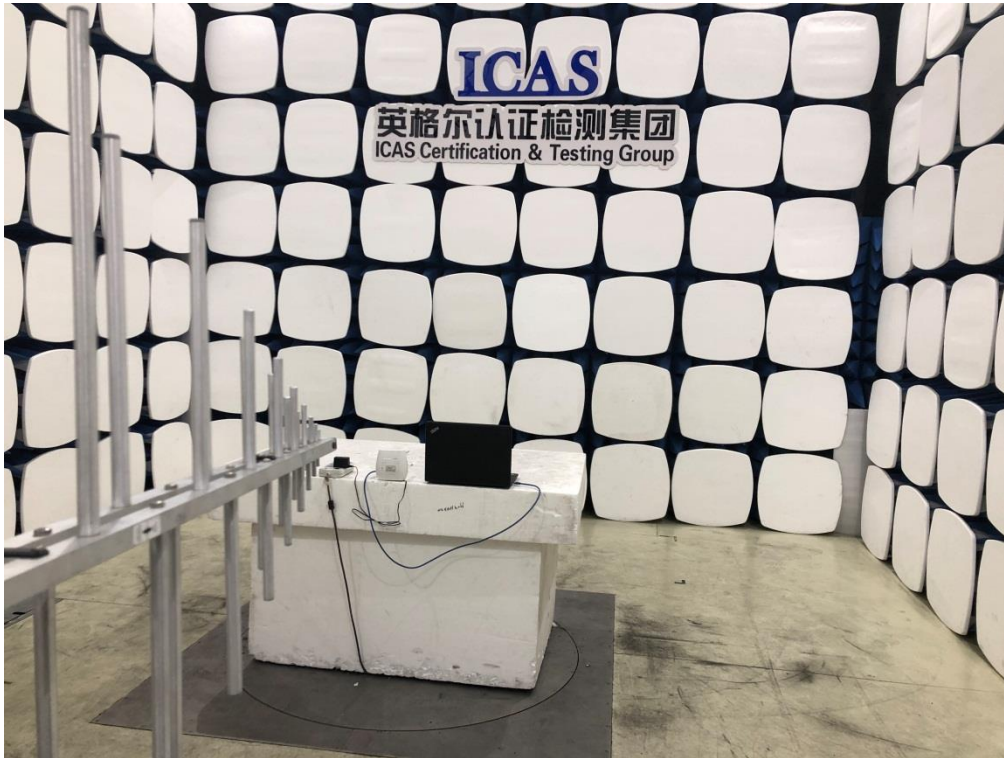
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5.4 Set-up for Spurious Emissions below 1GHz



5.5 Set-up for Spurious Emissions above 1GHz



End of the report