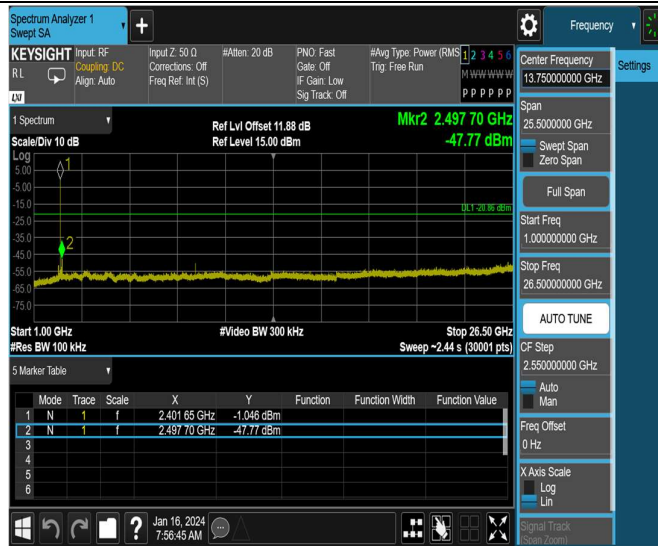


Test Graphs

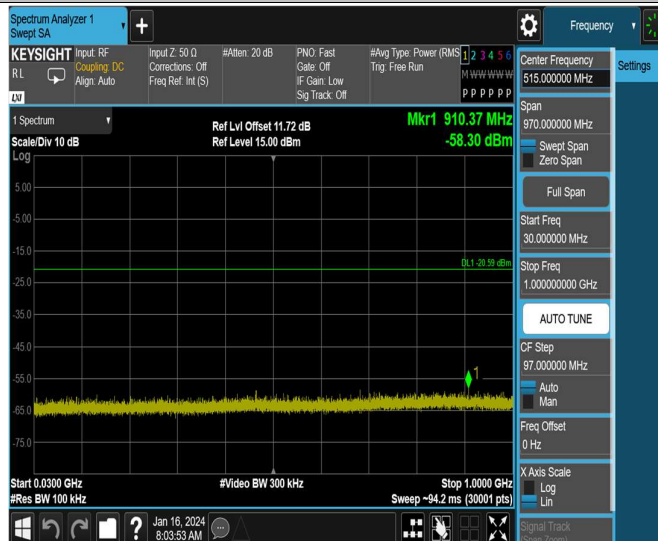




BLE_1M_Ant1_2440_0~Reference



BLE_1M_Ant1_2440_30~1000



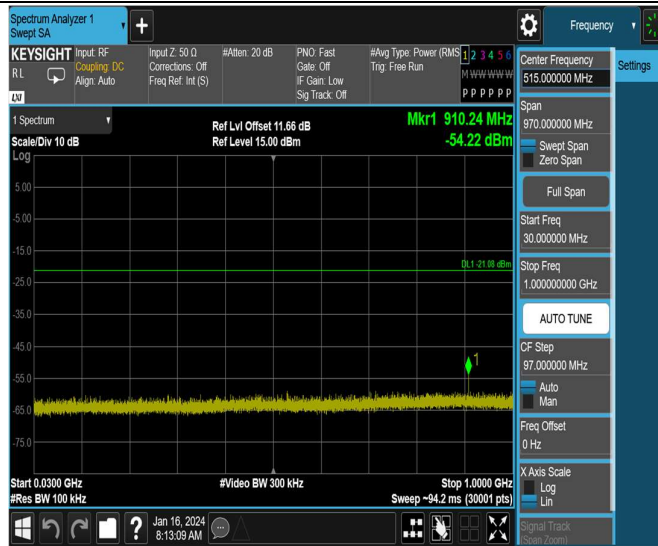
BLE_1M_Ant1_2440_1000~26500



BLE_1M_Ant1_2480_0~Reference



BLE_1M_Ant1_2480_30~1000



BLE_1M_Ant1_2480_1000~26500



BLE_2M_Ant1_2402_0~Reference







BLE_2M_Ant1_2440_30~1000



BLE_2M_Ant1_2440_1000~26500



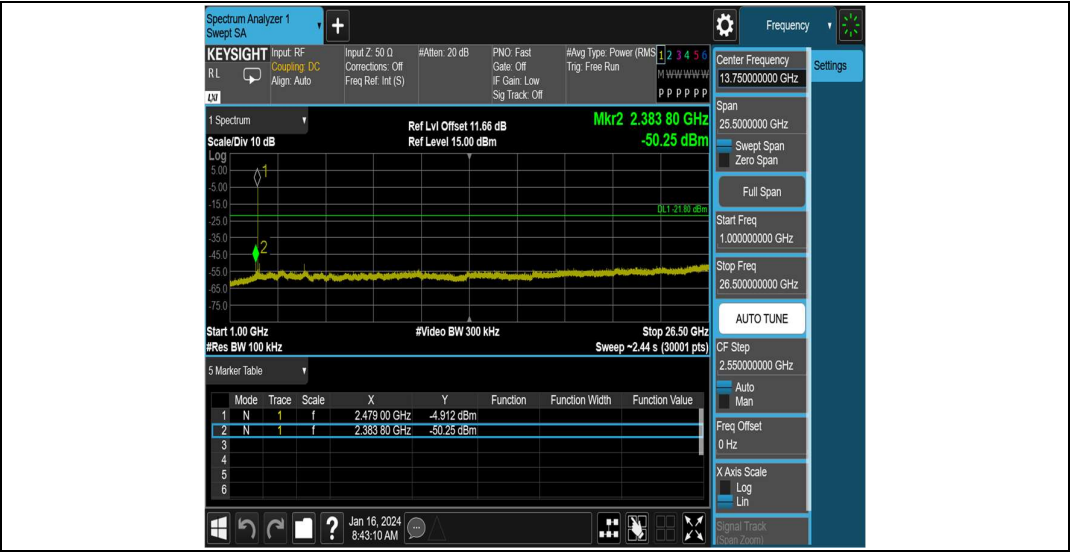
BLE_2M_Ant1_2480_0~Reference



BLE_2M_Ant1_2480_30~1000



BLE_2M_Ant1_2480_1000~26500

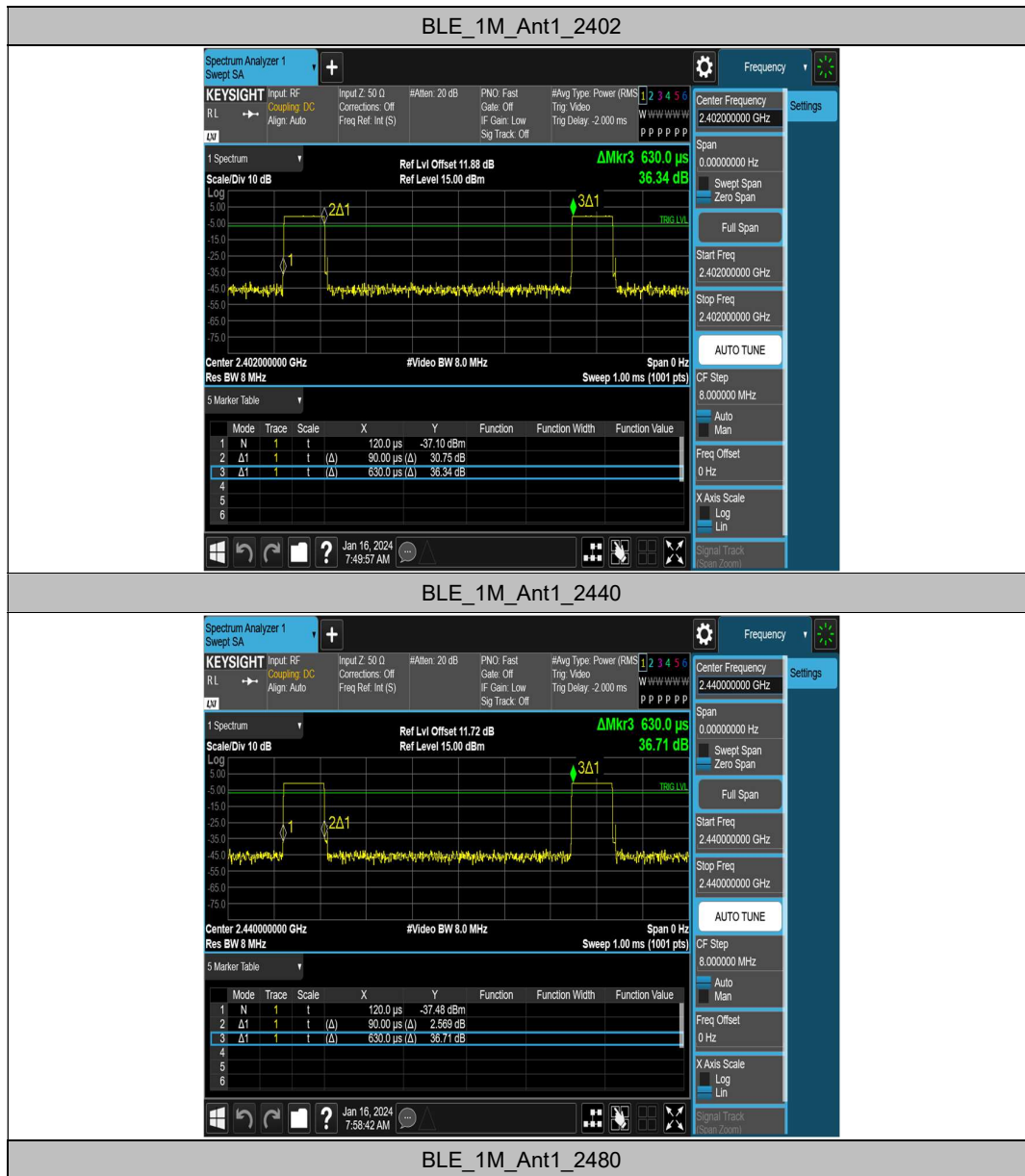


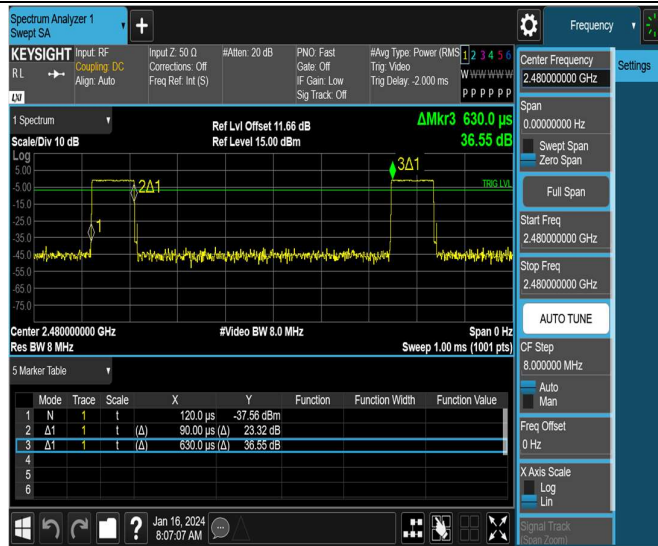
Appendix G: Duty Cycle

Test Result

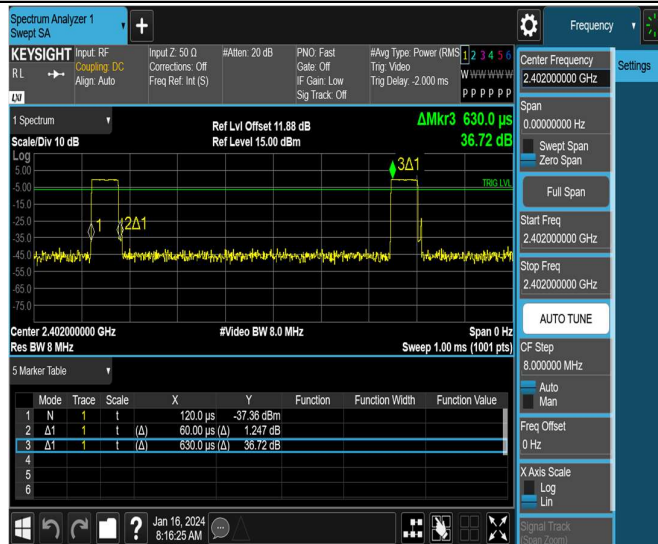
TestMode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]
BLE_1M	Ant1	2402	0.09	0.63	14.29
		2440	0.09	0.63	14.29
		2480	0.09	0.63	14.29
BLE_2M	Ant1	2402	0.06	0.63	9.52
		2440	0.06	0.63	9.52
		2480	0.06	0.63	9.52

Test Graphs

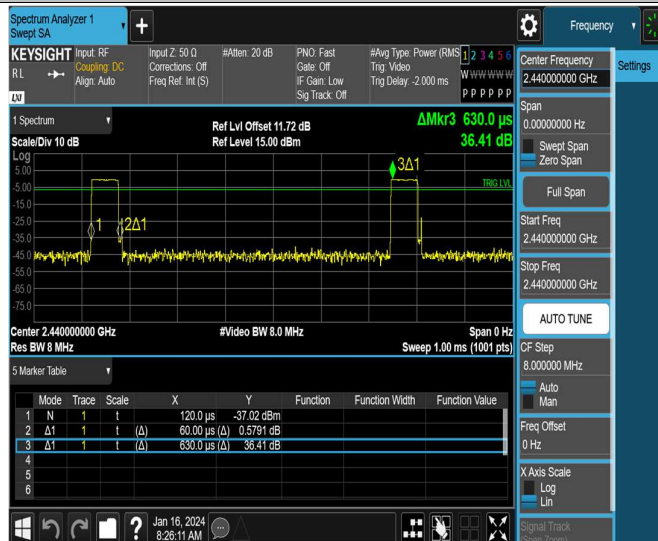




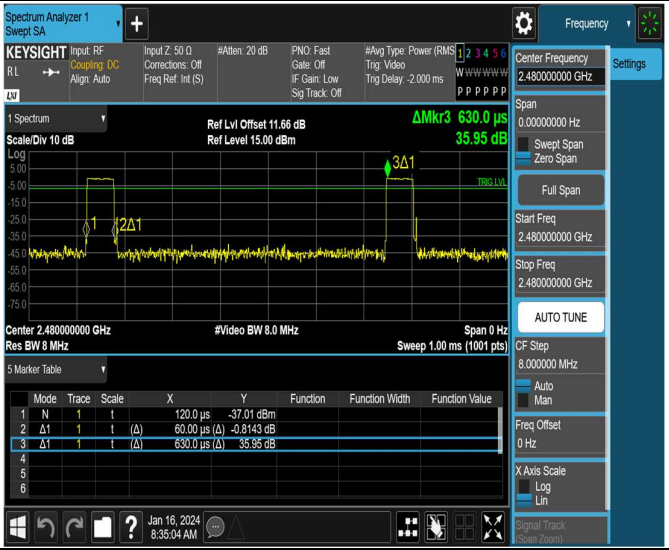
BLE_2M_Ant1_2402



BLE_2M_Ant1_2440



BLE_2M_Ant1_2480



Appendix I: Emissions in Restricted Bands

Test Result

Mode:	1M-2402
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NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2323.12	50.02	9.17	74.00	23.98	150	282	Horizontal
2	2337.52	51.93	9.19	74.00	22.07	150	102	Horizontal
3	2354.16	51.45	9.27	74.00	22.55	150	225	Horizontal
4	2365.04	50.54	9.52	74.00	23.46	150	276	Horizontal
5	2380.24	51.98	9.89	74.00	22.02	150	204	Horizontal
6	2386.08	52.29	10.23	74.00	21.71	150	99	Horizontal

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2319.76	50.37	9.18	74.00	23.63	150	28	Vertical
2	2341.76	50.69	9.27	74.00	23.31	150	280	Vertical
3	2358.64	51.66	9.35	74.00	22.34	150	303	Vertical
4	2367.44	50.56	9.47	74.00	23.44	150	355	Vertical
5	2378	50.09	9.86	74.00	23.91	150	157	Vertical
6	2387.04	50.76	10.26	74.00	23.24	150	34	Vertical

Mode:	1M-2480
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NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2484.91	51.40	10.50	74.00	22.60	150	95	Horizontal
2	2488.31	51.69	10.22	74.00	22.31	150	142	Horizontal
3	2490.92	51.31	10.34	74.00	22.69	150	219	Horizontal
4	2493.63	51.65	10.47	74.00	22.35	150	198	Horizontal
5	2495.49	52.17	10.42	74.00	21.83	150	210	Horizontal
6	2498.33	52.31	10.20	74.00	21.69	150	132	Horizontal

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2485.26	51.66	10.48	74.00	22.34	150	93	Vertical
2	2488.41	51.37	10.23	74.00	22.63	150	20	Vertical
3	2492.12	50.92	10.40	74.00	23.08	150	223	Vertical
4	2494.57	51.21	10.47	74.00	22.79	150	45	Vertical
5	2497.04	50.75	10.29	74.00	23.25	150	90	Vertical
6	2499.05	52.24	10.24	74.00	21.76	150	90	Vertical

Mode:	2M-2402
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NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2320.4	49.93	9.18	74.00	24.07	150	128	Horizontal
2	2336.88	51.27	9.15	74.00	22.73	150	100	Horizontal
3	2346.8	49.84	9.28	74.00	24.16	150	291	Horizontal
4	2354.4	51.12	9.27	74.00	22.88	150	143	Horizontal
5	2368.24	50.20	9.47	74.00	23.80	150	316	Horizontal
6	2377.36	51.32	9.87	74.00	22.68	150	78	Horizontal

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2318.24	50.97	9.08	74.00	23.03	150	148	Vertical
2	2326.96	50.63	9.13	74.00	23.37	150	223	Vertical
3	2345.68	51.48	9.31	74.00	22.52	150	259	Vertical
4	2362.24	50.70	9.42	74.00	23.30	150	126	Vertical
5	2373.68	50.44	9.70	74.00	23.56	150	247	Vertical
6	2382.08	50.71	9.94	74.00	23.29	150	76	Vertical

Mode:	2M-2480
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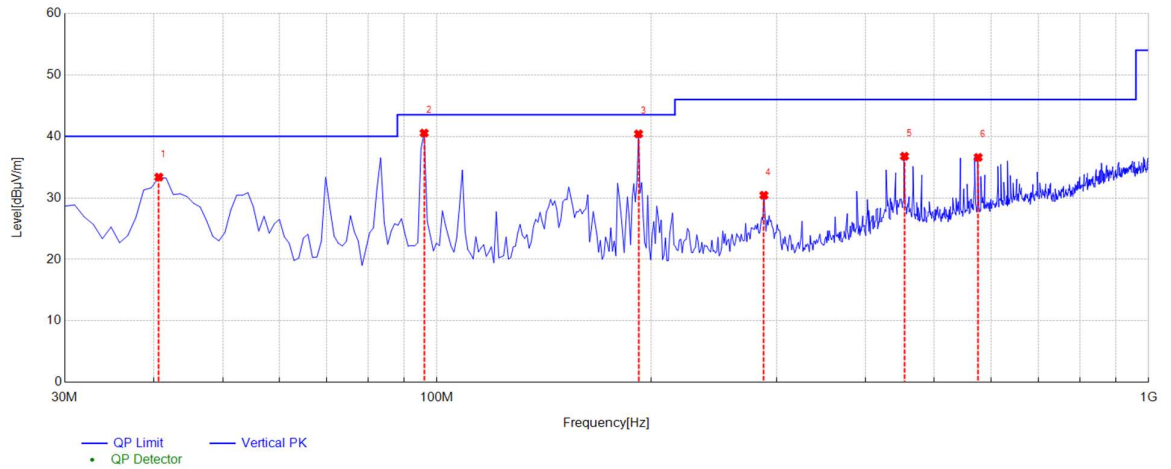
NO.	Freq. [MHz]	Level [dB μ V/m]	Factor [dB/m]	Limit [dB μ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2484.55	52.17	10.52	74.00	21.83	150	175	Horizontal
2	2485.85	53.20	10.40	74.00	20.80	150	211	Horizontal
3	2488.21	51.62	10.22	74.00	22.38	150	108	Horizontal
4	2491.60	51.59	10.38	74.00	22.41	150	205	Horizontal
5	2493.99	52.01	10.50	74.00	21.99	150	208	Horizontal
6	2497.57	51.90	10.23	74.00	22.10	150	108	Horizontal

NO.	Freq. [MHz]	Level [dB μ V/m]	Factor [dB/m]	Limit [dB μ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2486.22	51.90	10.37	74.00	22.10	150	207	Vertical
2	2488.97	51.74	10.25	74.00	22.26	150	334	Vertical
3	2490.95	52.48	10.35	74.00	21.52	150	148	Vertical
4	2494.68	51.01	10.46	74.00	22.99	150	68	Vertical
5	2496.43	50.82	10.35	74.00	23.18	150	148	Vertical
6	2497.82	50.92	10.20	74.00	23.08	150	213	Vertical

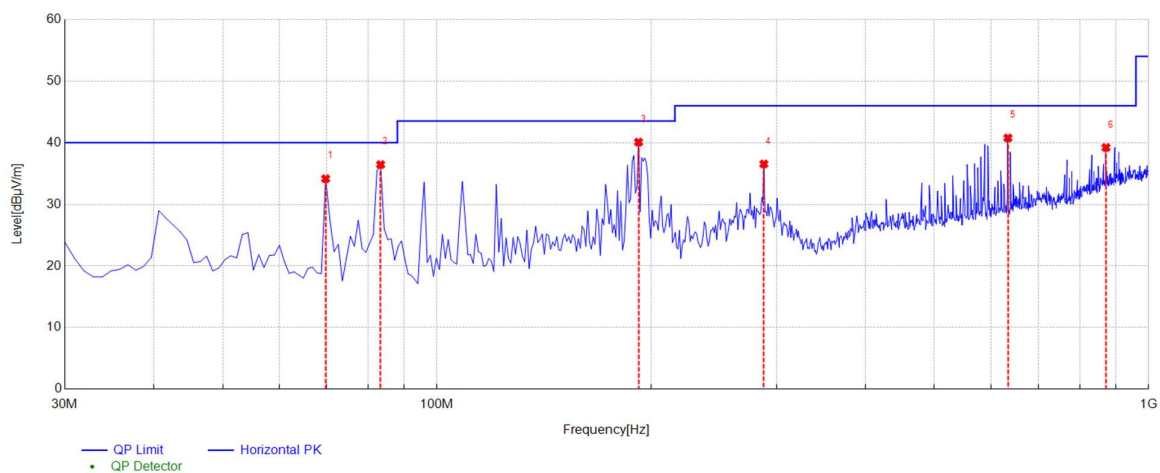
Note:

1. The Antenna Gain is compensated in the graph.
2. The limit in dBm for average detector is conversion from 54dB μ V/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

Appendix H: Spurious emissions



NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	40.6700	42.40	33.38	-9.02	40.00	6.62	100	26	Vertical	PASS
2	95.9600	53.69	40.54	-13.15	43.50	2.96	100	161	Vertical	PASS
3	191.9900	52.73	40.40	-12.33	43.50	3.10	100	107	Vertical	PASS
4	288.0200	39.60	30.43	-9.17	46.00	15.57	100	183	Vertical	PASS
5	453.8900	41.68	36.77	-4.91	46.00	9.23	100	35	Vertical	PASS
6	576.1100	39.16	36.59	-2.57	46.00	9.41	100	68	Vertical	PASS



NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	69.7700	46.03	34.16	-11.87	40.00	5.84	100	348	Horizontal	PASS
2	83.3500	50.03	36.45	-13.58	40.00	3.55	100	10	Horizontal	PASS
3	191.9900	52.42	40.09	-12.33	43.50	3.41	100	57	Horizontal	PASS
4	288.0200	45.72	36.55	-9.17	46.00	9.45	100	49	Horizontal	PASS
5	634.3100	42.19	40.77	-1.42	46.00	5.23	100	60	Horizontal	PASS
6	870.9900	36.09	39.22	3.13	46.00	6.78	100	320	Horizontal	PASS

Mode:	1M-2402
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NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1270	42.42	1.10	74.00	31.58	150	35	Horizontal
2	1862	44.31	4.85	74.00	29.69	150	334	Horizontal
3	4804.55	44.38	-14.86	74.00	29.62	150	91	Horizontal
4	6435.25	44.08	-12.54	74.00	29.92	150	251	Horizontal
5	9600.71	50.43	-8.61	74.00	23.57	150	107	Horizontal
6	12046.7	46.84	-4.84	74.00	27.16	150	95	Horizontal

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1270	41.75	1.10	74.00	32.25	150	0	Vertical
2	1598	43.13	2.21	74.00	30.87	150	190	Vertical
3	4801.55	42.37	-14.83	74.00	31.63	150	260	Vertical
4	6549.16	44.35	-12.14	74.00	29.65	150	229	Vertical
5	9600.71	47.81	-8.61	74.00	26.19	150	92	Vertical
6	11159.4	47.32	-6.02	74.00	26.68	150	358	Vertical

Mode:	1M-2440
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NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1314	41.34	1.15	74.00	32.66	150	109	Horizontal
2	1990	45.27	6.01	74.00	28.73	150	332	Horizontal
3	4876.49	46.90	-14.78	74.00	27.10	150	114	Horizontal
4	7313.54	44.74	-11.87	74.00	29.26	150	114	Horizontal
5	9753.59	49.59	-7.87	74.00	24.41	150	122	Horizontal
6	11896.8	47.88	-4.73	74.00	26.12	150	302	Horizontal

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1340	41.26	1.10	74.00	32.74	150	99	Vertical
2	1786	43.42	4.06	74.00	30.58	150	341	Vertical
3	4876.49	45.98	-14.78	74.00	28.02	150	232	Vertical
4	6000.59	45.57	-12.08	74.00	28.43	150	146	Vertical
5	8995.20	48.51	-9.73	74.00	25.49	150	48	Vertical
6	13281.7	48.13	-3.07	74.00	25.87	150	284	Vertical

Mode:	1M-2480
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NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1316	41.30	1.15	74.00	32.70	150	134	Horizontal
2	1696	42.66	3.14	74.00	31.34	150	355	Horizontal
3	4957.43	48.59	-15.19	74.00	25.41	150	126	Horizontal
4	7433.45	44.71	-11.75	74.00	29.29	150	83	Horizontal
5	9912.47	48.11	-8.63	74.00	25.89	150	126	Horizontal
6	13185.8	47.92	-2.59	74.00	26.08	150	192	Horizontal

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1306	41.33	1.18	74.00	32.67	150	234	Vertical
2	1594	44.19	2.18	74.00	29.81	150	227	Vertical
3	4633.69	42.54	-15.53	74.00	31.46	150	48	Vertical
4	8662.47	45.93	-10.07	74.00	28.07	150	52	Vertical
5	12112.7	48.13	-4.00	74.00	25.87	150	5	Vertical
6	14354.9	48.76	-1.14	74.00	25.24	150	107	Vertical

Mode:	2M-2402
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NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1124	41.07	0.90	74.00	32.93	150	58	Horizontal
2	1708	43.59	3.25	74.00	30.41	150	36	Horizontal
3	4175.06	40.42	-16.30	74.00	33.58	150	0	Horizontal
4	4990.40	42.47	-14.89	74.00	31.53	150	0	Horizontal
5	8194.84	42.72	-10.34	74.00	31.28	150	0	Horizontal
6	13212.8	47.37	-2.48	74.00	26.63	150	0	Horizontal

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1294	39.70	1.17	74.00	34.30	150	0	Vertical
2	1738	41.30	3.51	74.00	32.70	150	0	Vertical
3	3833.33	41.60	-17.22	74.00	32.40	150	5	Vertical
4	6000.59	47.05	-12.08	74.00	26.95	150	131	Vertical
5	8890.28	45.56	-10.15	74.00	28.44	150	56	Vertical
6	13311.7	49.08	-3.20	74.00	24.92	150	254	Vertical

Mode:	2M-2440
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NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1594	45.73	2.18	74.00	28.27	150	274	Horizontal
2	3866.30	42.14	-17.11	74.00	31.86	150	355	Horizontal
3	4876.49	48.87	-14.78	74.00	25.13	150	105	Horizontal
4	7349.52	43.96	-11.71	74.00	30.04	150	250	Horizontal
5	9753.59	48.70	-7.87	74.00	25.30	150	116	Horizontal
6	11908.8	47.24	-4.80	74.00	26.76	150	265	Horizontal

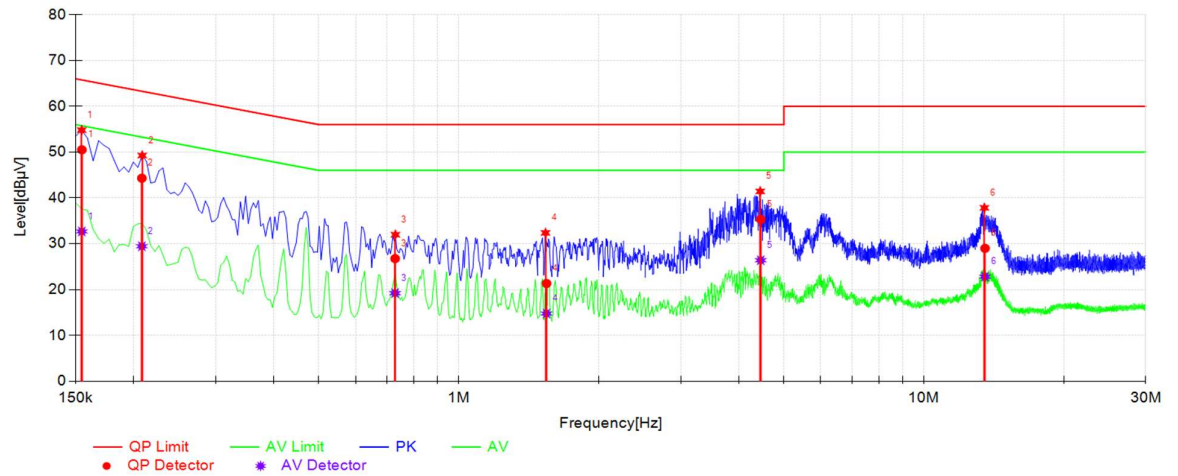
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1594	48.67	2.18	74.00	25.33	150	298	Vertical
2	4876.49	45.99	-14.78	74.00	28.01	150	221	Vertical
3	6393.28	44.81	-12.19	74.00	29.19	150	312	Vertical
4	8995.20	47.18	-9.73	74.00	26.82	150	205	Vertical
5	11411.2	46.93	-5.65	74.00	27.07	150	260	Vertical
6	13890.2	48.45	-2.28	74.00	25.55	150	253	Vertical

Mode:	2M-2480
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NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1596	47.05	2.20	74.00	26.95	150	175	Horizontal
2	4190.04	42.02	-16.37	74.00	31.98	150	9	Horizontal
3	4957.43	47.35	-15.19	74.00	26.65	150	103	Horizontal
4	8149.88	44.04	-11.26	74.00	29.96	150	237	Horizontal
5	9912.47	49.13	-8.63	74.00	24.87	150	115	Horizontal
6	13668.4	47.90	-2.36	74.00	26.10	150	163	Horizontal

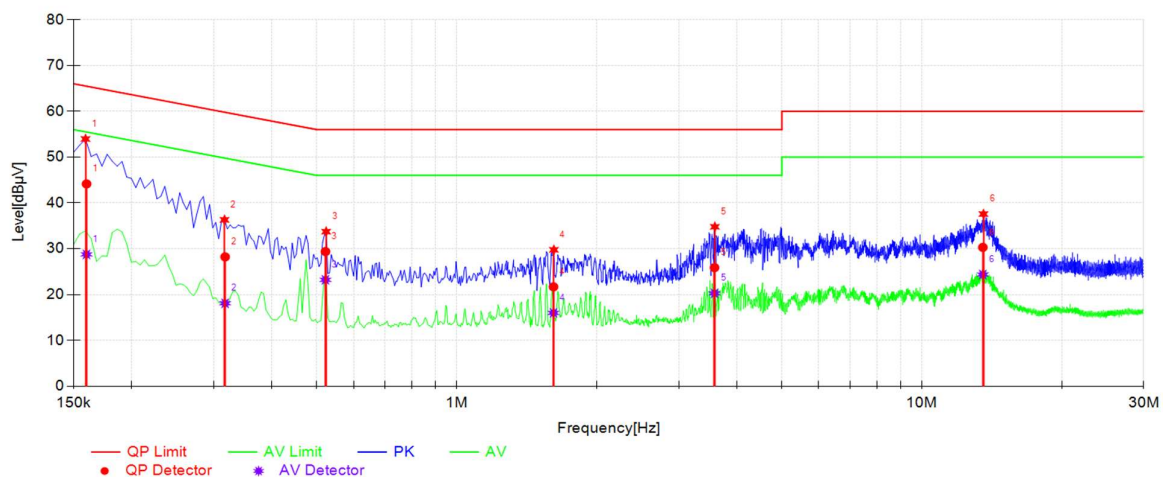
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1596	49.43	2.20	74.00	24.57	150	292	Vertical
2	3848.32	42.07	-17.36	74.00	31.93	150	295	Vertical
3	4957.43	44.12	-15.19	74.00	29.88	150	295	Vertical
4	6723.02	44.06	-12.28	74.00	29.94	150	332	Vertical
5	11033.5	47.05	-6.35	74.00	26.95	150	340	Vertical
6	13641.4	48.48	-2.43	74.00	25.52	150	142	Vertical

Appendix J: Conducted emission AC power port



Final Data List

NO.	Freq. [MHz]	Factor [dB]	QP Value [dBμV]	QP Limit [dBμV]	QP Margin [dB]	AV Value [dBμV]	AV Limit [dBμV]	AV Margin [dB]	Type	Verdict
1	0.1546	10.26	50.51	65.75	15.24	32.68	55.75	23.07	L1	PASS
2	0.2081	10.26	44.31	63.28	18.97	29.45	53.28	23.83	L1	PASS
3	0.7293	10.28	26.76	56.00	29.24	19.22	46.00	26.78	L1	PASS
4	1.5436	10.29	21.34	56.00	34.66	14.77	46.00	31.23	L1	PASS
5	4.4593	10.33	35.32	56.00	20.68	26.40	46.00	19.60	L1	PASS
6	13.5385	10.53	29.00	60.00	31.00	22.82	50.00	27.18	L1	PASS



Final Data List

NO.	Freq. [MHz]	Factor [dB]	QP Value [dBμV]	QP Limit [dBμV]	QP Margin [dB]	AV Value [dBμV]	AV Limit [dBμV]	AV Margin [dB]	Type	Verdict
1	0.1598	10.26	44.15	65.48	21.33	28.77	55.48	26.71	N	PASS
2	0.3174	10.27	28.23	59.78	31.55	18.09	49.78	31.69	N	PASS
3	0.5217	10.28	29.39	56.00	26.61	23.22	46.00	22.78	N	PASS
4	1.6136	10.29	21.70	56.00	34.30	16.00	46.00	30.00	N	PASS
5	3.5821	10.39	25.89	56.00	30.11	20.27	46.00	25.73	N	PASS
6	13.5248	10.53	30.31	60.00	29.69	24.38	50.00	25.62	N	PASS