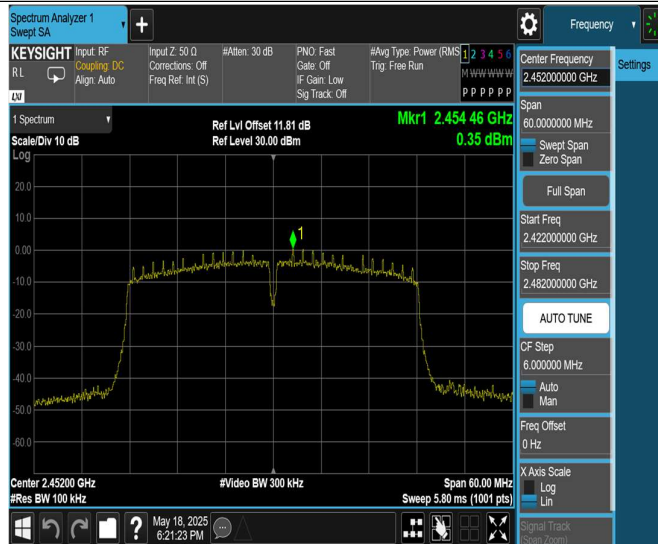




11N40SISO_Ant1_2452_0~Reference



11N40SISO_Ant1_2452_30~1000



11N40SISO_Ant1_2452_1000~26500



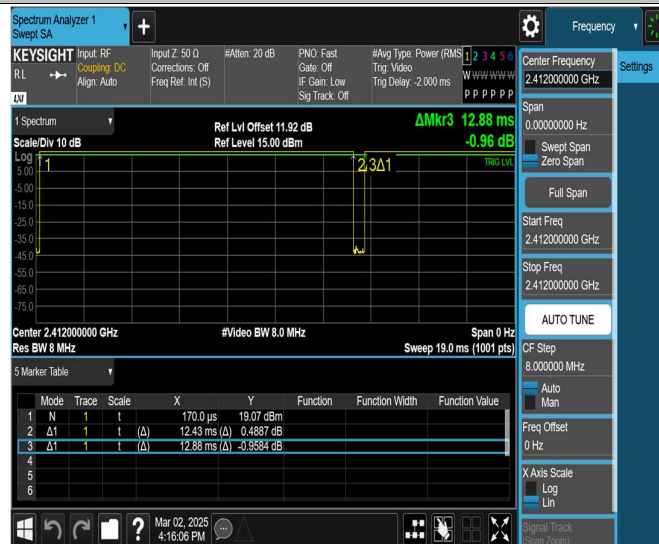
Appendix G: Duty Cycle

Test Result

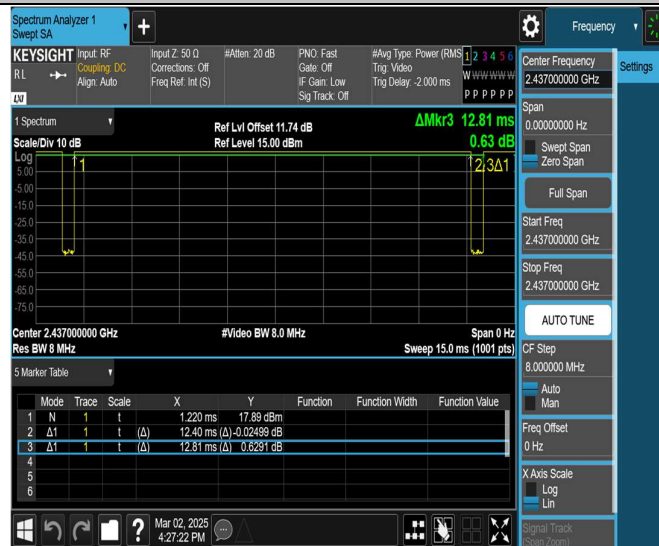
TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11B	Ant1	2412	12.43	12.88	96.51
		2437	12.40	12.81	96.80
		2462	12.41	12.83	96.73
11G	Ant1	2412	2.06	2.20	93.64
		2437	2.06	2.27	90.75
		2462	2.07	2.60	79.62
11N20SIS O	Ant1	2412	1.92	2.11	91.00
		2437	1.92	2.07	92.75
		2462	1.92	2.08	92.31
11N40SIS O	Ant1	2422	0.94	1.16	81.03
		2437	0.95	1.14	83.33
		2452	0.94	1.09	86.24

Test Graphs

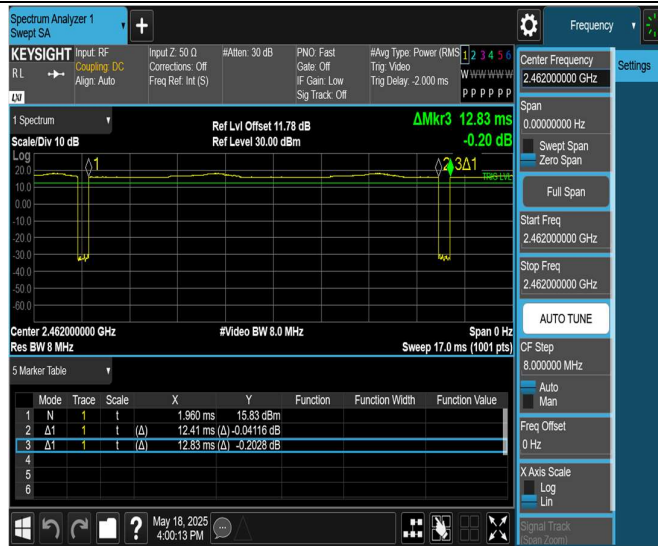
11B_Ant1_2412



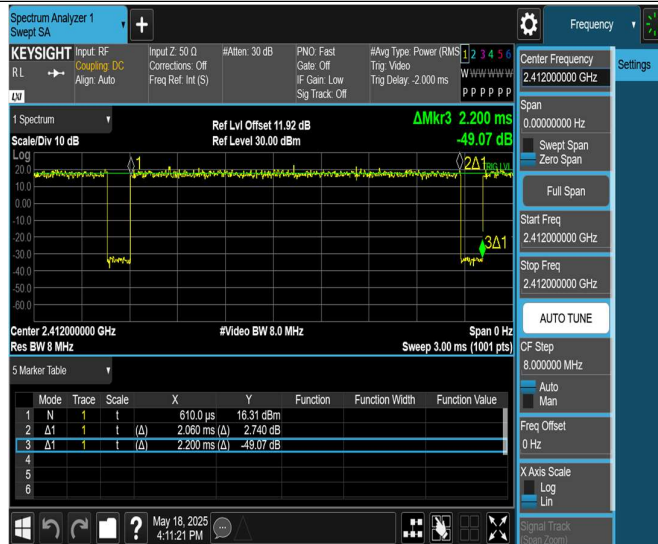
11B_Ant1_2437



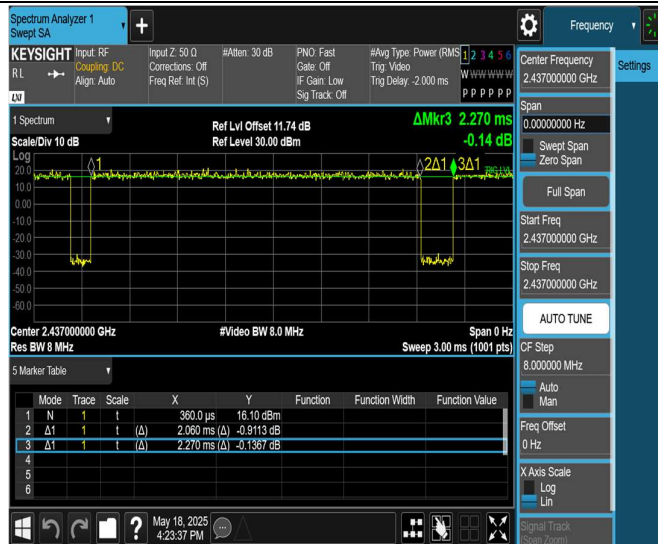
11B_Ant1_2462



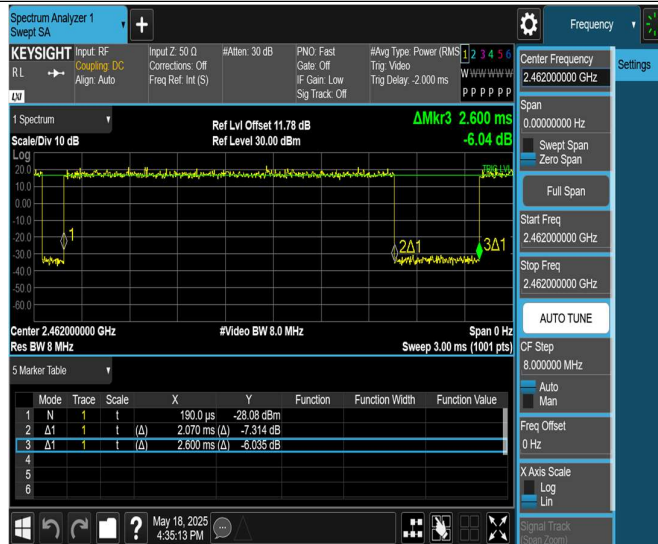
11G_Ant1_2412



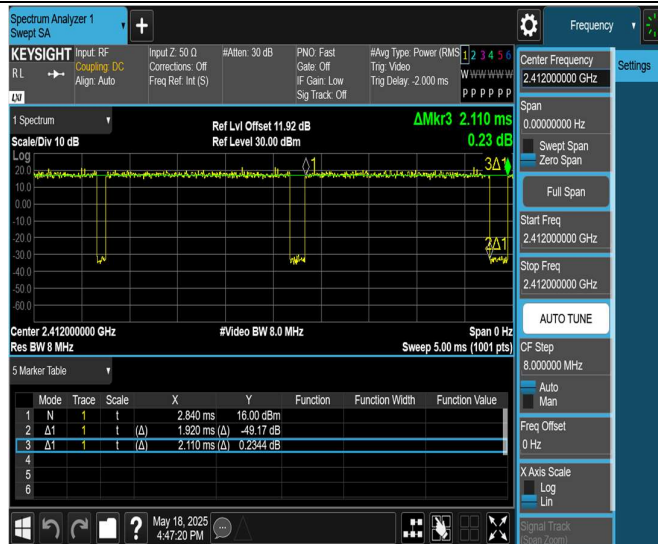
11G_Ant1_2437



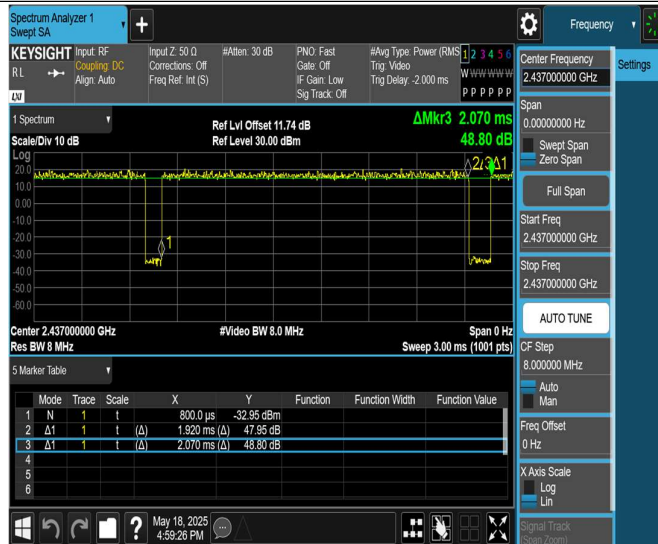
11G_Ant1_2462



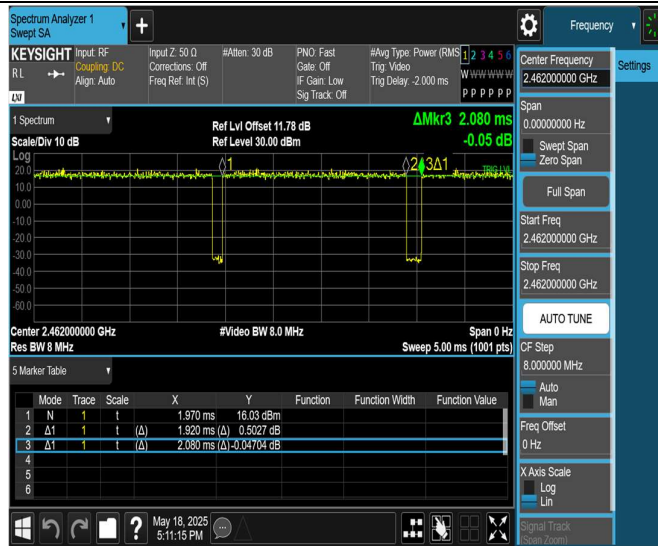
11N20SISO_Ant1_2412



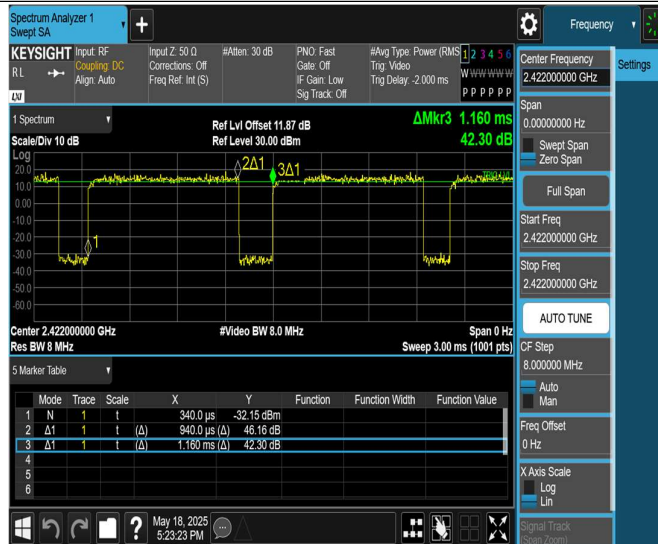
11N20SISO_Ant1_2437



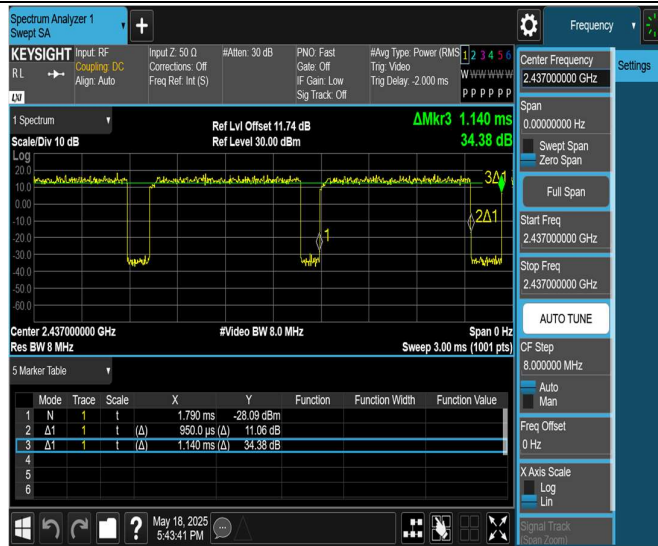
11N20SISO_Ant1_2462



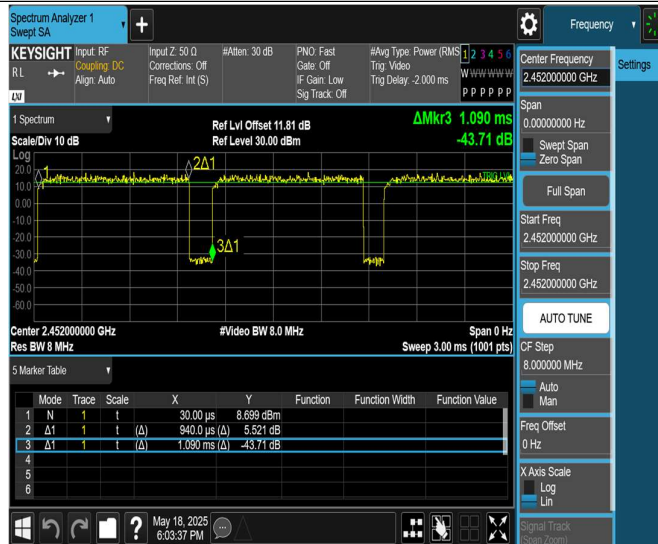
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



Appendix H: Emissions in Restricted Bands

Test Result

Mode:	11B-2412
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Final Data List												
NO.	Freq. [MHz]	Factor [dB/m]	PK Value [dB μ V/m]	PK Limit [dB μ V/m]	PK Margin [dB]	AV Value [dB μ V/m]	AV Limit [dB μ V/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	2310	6.82	44.32	74.00	29.68	42.02	54.00	11.98	150	308	Horizontal	PASS
2	2332.64	6.88	45.61	74.00	28.39	40.96	54.00	13.04	150	0	Horizontal	PASS
3	2349.28	6.91	46.27	74.00	27.73	41.97	54.00	12.03	150	269	Horizontal	PASS
4	2360.64	7.06	45.03	74.00	28.97	42.91	54.00	11.09	150	164	Horizontal	PASS
5	2366.64	7.15	45.31	74.00	28.69	41.62	54.00	12.38	150	52	Horizontal	PASS
6	2390	7.73	45.29	74.00	28.71	43.66	54.00	10.34	150	170	Horizontal	PASS

Final Data List												
NO.	Freq. [MHz]	Factor [dB/m]	PK Value [dB μ V/m]	PK Limit [dB μ V/m]	PK Margin [dB]	AV Value [dB μ V/m]	AV Limit [dB μ V/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	2310	6.82	44.32	74.00	29.68	40.80	54.00	13.20	150	220	Vertical	PASS
2	2329.36	6.87	45.36	74.00	28.64	43.08	54.00	10.92	150	110	Vertical	PASS
3	2347.84	6.91	45.64	74.00	28.36	42.84	54.00	11.16	150	332	Vertical	PASS
4	2363.92	7.11	47.44	74.00	26.56	44.86	54.00	9.14	150	125	Vertical	PASS
5	2380.96	7.34	45.84	74.00	28.16	42.54	54.00	11.46	150	64	Vertical	PASS
6	2390	7.73	45.38	74.00	28.62	42.31	54.00	11.69	150	190	Vertical	PASS

Mode:	11B-2462
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Final Data List												
NO.	Freq. [MHz]	Factor [dB/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	2483.5	6.54	51.16	74.00	22.84	38.75	54.00	15.25	150	149	Horizontal	PASS
2	2485.513	6.55	53.58	74.00	20.42	40.90	54.00	13.10	150	135	Horizontal	PASS
3	2486.8495	6.56	54.12	74.00	19.88	39.87	54.00	14.13	150	159	Horizontal	PASS
4	2491.024	6.56	52.25	74.00	21.75	39.54	54.00	14.46	150	62	Horizontal	PASS
5	2493.8125	6.57	53.47	74.00	20.53	40.05	54.00	13.95	150	356	Horizontal	PASS
6	2500	6.58	51.68	74.00	22.32	38.16	54.00	15.84	150	14	Horizontal	PASS

Final Data List												
NO.	Freq. [MHz]	Factor [dB/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	2483.5	6.54	50.79	74.00	23.21	38.45	54.00	15.55	150	196	Vertical	PASS
2	2486.437	6.56	52.51	74.00	21.49	38.95	54.00	15.05	150	198	Vertical	PASS
3	2488.945	6.56	52.56	74.00	21.44	38.41	54.00	15.59	150	317	Vertical	PASS
4	2490.496	6.56	52.58	74.00	21.42	40.07	54.00	13.93	150	295	Vertical	PASS
5	2493.697	6.56	54.00	74.00	20.00	41.71	54.00	12.29	150	81	Vertical	PASS
6	2500	6.58	50.63	74.00	23.37	37.46	54.00	16.54	150	164	Vertical	PASS

Mode:	11G-2412
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Final Data List												
NO.	Freq. [MHz]	Factor [dB/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	2310	6.82	45.93	74.00	28.07	42.30	54.00	11.70	150	96	Horizontal	PASS
2	2331.36	6.87	47.40	74.00	26.60	43.19	54.00	10.81	150	14	Horizontal	PASS
3	2339.36	6.89	46.43	74.00	27.57	44.45	54.00	9.55	150	158	Horizontal	PASS
4	2351.84	6.94	46.39	74.00	27.61	44.51	54.00	9.49	150	161	Horizontal	PASS
5	2367.12	7.15	46.74	74.00	27.26	41.52	54.00	12.48	150	161	Horizontal	PASS
6	2390	7.73	49.06	74.00	24.94	46.34	54.00	7.66	150	170	Horizontal	PASS

Final Data List												
NO.	Freq. [MHz]	Factor [dB/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	2310	6.82	44.45	74.00	29.55	41.22	54.00	12.78	150	40	Vertical	PASS
2	2316.88	6.83	46.13	74.00	27.87	42.79	54.00	11.21	150	78	Vertical	PASS
3	2346.8	6.90	45.95	74.00	28.05	44.08	54.00	9.92	150	265	Vertical	PASS
4	2355.44	6.98	45.08	74.00	28.92	43.28	54.00	10.72	150	75	Vertical	PASS
5	2371.68	7.22	47.75	74.00	26.25	45.80	54.00	8.20	150	126	Vertical	PASS
6	2390	7.73	44.91	74.00	29.09	42.00	54.00	12.00	150	185	Vertical	PASS

Mode:	11G-2462
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Final Data List												
NO.	Freq. [MHz]	Factor [dB/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	2483.5	6.54	55.90	74.00	18.10	46.77	54.00	7.23	150	146	Horizontal	PASS
2	2483.9125	6.55	56.58	74.00	17.42	45.91	54.00	8.09	150	163	Horizontal	PASS
3	2485.414	6.55	55.05	74.00	18.95	44.72	54.00	9.28	150	182	Horizontal	PASS
4	2488.813	6.56	53.01	74.00	20.99	44.62	54.00	9.38	150	141	Horizontal	PASS
5	2490.298	6.56	54.56	74.00	19.44	44.55	54.00	9.45	150	249	Horizontal	PASS
6	2500	6.58	51.59	74.00	22.41	38.19	54.00	15.81	150	153	Horizontal	PASS

Final Data List												
NO.	Freq. [MHz]	Factor [dB/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	2483.5	6.54	52.31	74.00	21.69	39.12	54.00	14.88	150	262	Vertical	PASS
2	2485.6285	6.55	52.71	74.00	21.29	38.64	54.00	15.36	150	44	Vertical	PASS
3	2490.0835	6.56	53.20	74.00	20.80	40.55	54.00	13.45	150	199	Vertical	PASS
4	2494.126	6.57	52.69	74.00	21.31	41.00	54.00	13.00	150	238	Vertical	PASS
5	2495.6935	6.57	53.58	74.00	20.42	38.28	54.00	15.72	150	9	Vertical	PASS
6	2500	6.58	51.41	74.00	22.59	38.38	54.00	15.62	150	4	Vertical	PASS

Mode:	11N20-2412
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Final Data List												
NO.	Freq. [MHz]	Factor [dB/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	2310	6.82	44.51	74.00	29.49	41.75	54.00	12.25	150	151	Horizontal	PASS
2	2326.96	6.86	46.09	74.00	27.91	43.51	54.00	10.49	150	154	Horizontal	PASS
3	2361.28	7.07	47.31	74.00	26.69	44.96	54.00	9.04	150	157	Horizontal	PASS
4	2369.12	7.18	46.86	74.00	27.14	43.78	54.00	10.22	150	148	Horizontal	PASS
5	2388.96	7.56	49.94	74.00	24.06	43.86	54.00	10.14	150	154	Horizontal	PASS
6	2390	7.73	48.26	74.00	25.74	45.70	54.00	8.30	150	157	Horizontal	PASS

Final Data List												
NO.	Freq. [MHz]	Factor [dB/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	2310	6.82	43.63	74.00	30.37	41.08	54.00	12.92	150	98	Vertical	PASS
2	2328.8	6.87	45.39	74.00	28.61	41.97	54.00	12.03	150	11	Vertical	PASS
3	2362.96	7.09	46.29	74.00	27.71	44.02	54.00	9.98	150	113	Vertical	PASS
4	2370.24	7.19	47.07	74.00	26.93	41.69	54.00	12.31	150	119	Vertical	PASS
5	2383.6	7.38	47.40	74.00	26.60	44.46	54.00	9.54	150	49	Vertical	PASS
6	2390	7.73	45.13	74.00	28.87	42.87	54.00	11.13	150	92	Vertical	PASS

Mode:	11N20-2462
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Final Data List												
NO.	Freq. [MHz]	Factor [dB/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	2483.5	6.54	56.69	74.00	17.31	38.63	54.00	15.37	150	152	Horizontal	PASS
2	2484.2755	6.55	57.05	74.00	16.95	37.90	54.00	16.10	150	143	Horizontal	PASS
3	2486.5195	6.56	53.96	74.00	20.04	39.59	54.00	14.41	150	162	Horizontal	PASS
4	2489.8855	6.56	53.28	74.00	20.72	38.05	54.00	15.95	150	259	Horizontal	PASS
5	2491.3045	6.57	53.34	74.00	20.66	38.07	54.00	15.93	150	288	Horizontal	PASS
6	2500	6.58	52.46	74.00	21.54	39.50	54.00	14.50	150	1	Horizontal	PASS

Final Data List												
NO.	Freq. [MHz]	Factor [dB/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	2483.5	6.54	51.43	74.00	22.57	45.36	54.00	8.64	150	263	Vertical	PASS
2	2484.193	6.55	54.29	74.00	19.71	43.85	54.00	10.15	150	90	Vertical	PASS
3	2485.5295	6.55	53.29	74.00	20.71	43.43	54.00	10.57	150	285	Vertical	PASS
4	2488.186	6.55	52.92	74.00	21.08	43.88	54.00	10.12	150	52	Vertical	PASS
5	2492.5585	6.57	53.20	74.00	20.80	42.24	54.00	11.76	150	203	Vertical	PASS
6	2500	6.58	52.24	74.00	21.76	39.34	54.00	14.66	150	193	Vertical	PASS

Mode:	11N40-2422
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Final Data List												
NO.	Freq. [MHz]	Factor [dB/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	2310	6.82	44.41	74.00	29.59	41.68	54.00	12.32	150	7	Horizontal	PASS
2	2379.76	7.33	51.23	74.00	22.77	47.83	54.00	6.17	150	164	Horizontal	PASS
3	2382.24	7.36	51.34	74.00	22.66	47.70	54.00	6.30	150	158	Horizontal	PASS
4	2385.04	7.40	52.26	74.00	21.74	48.35	54.00	5.65	150	170	Horizontal	PASS
5	2388.24	7.47	52.36	74.00	21.64	46.91	54.00	7.09	150	152	Horizontal	PASS
6	2390	7.73	50.57	74.00	23.43	47.51	54.00	6.49	150	152	Horizontal	PASS

Final Data List												
NO.	Freq. [MHz]	Factor [dB/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	2310	6.82	44.13	74.00	29.87	40.90	54.00	13.10	150	267	Vertical	PASS
2	2331.2	6.87	44.82	74.00	29.18	42.12	54.00	11.88	150	261	Vertical	PASS
3	2368.08	7.16	48.16	74.00	25.84	44.30	54.00	9.70	150	121	Vertical	PASS
4	2382.24	7.36	48.77	74.00	25.23	44.40	54.00	9.60	150	261	Vertical	PASS
5	2386.08	7.38	48.24	74.00	25.76	42.34	54.00	11.66	150	267	Vertical	PASS
6	2390	7.73	47.04	74.00	26.96	45.26	54.00	8.74	150	264	Vertical	PASS

Mode:	11N40-2452
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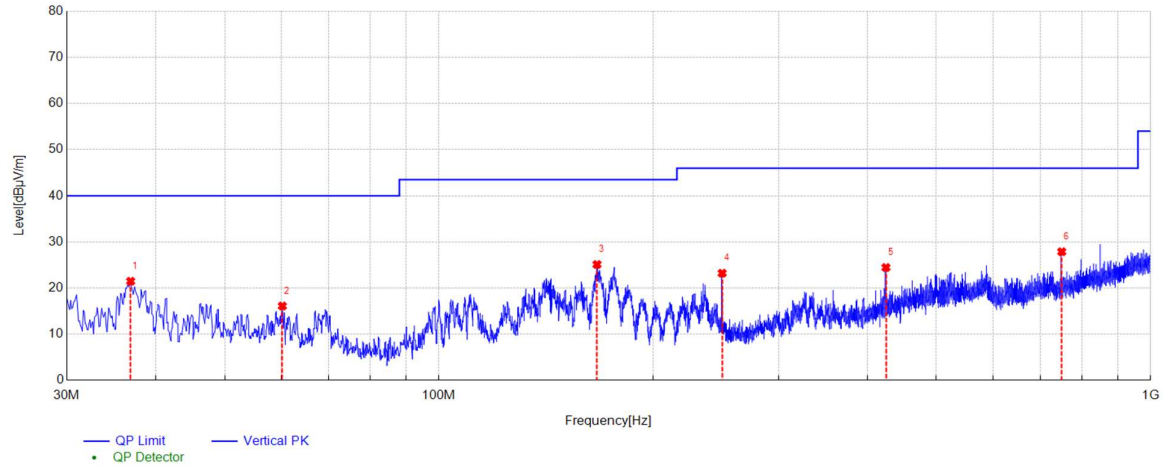
Final Data List												
NO.	Freq. [MHz]	Factor [dB/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	2483.5	6.54	58.03	74.00	15.97	48.34	54.00	5.66	150	167	Horizontal	PASS
2	2485.2655	6.55	59.16	74.00	14.84	47.52	54.00	6.48	150	163	Horizontal	PASS
3	2486.569	6.56	58.48	74.00	15.52	46.08	54.00	7.92	150	163	Horizontal	PASS
4	2488.945	6.56	58.57	74.00	15.43	44.01	54.00	9.99	150	163	Horizontal	PASS
5	2491.7005	6.57	56.70	74.00	17.30	43.88	54.00	10.12	150	140	Horizontal	PASS
6	2500	6.58	52.80	74.00	21.20	41.04	54.00	12.96	150	306	Horizontal	PASS

Final Data List												
NO.	Freq. [MHz]	Factor [dB/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	2483.5	6.54	54.14	74.00	19.86	41.57	54.00	12.43	150	354	Vertical	PASS
2	2484.6385	6.55	56.17	74.00	17.83	43.96	54.00	10.04	150	257	Vertical	PASS
3	2485.8925	6.55	54.46	74.00	19.54	42.73	54.00	11.27	150	266	Vertical	PASS
4	2489.506	6.56	53.39	74.00	20.61	40.31	54.00	13.69	150	240	Vertical	PASS
5	2491.915	6.57	54.27	74.00	19.73	40.95	54.00	13.05	150	264	Vertical	PASS
6	2500	6.58	52.00	74.00	22.00	38.98	54.00	15.02	150	47	Vertical	PASS

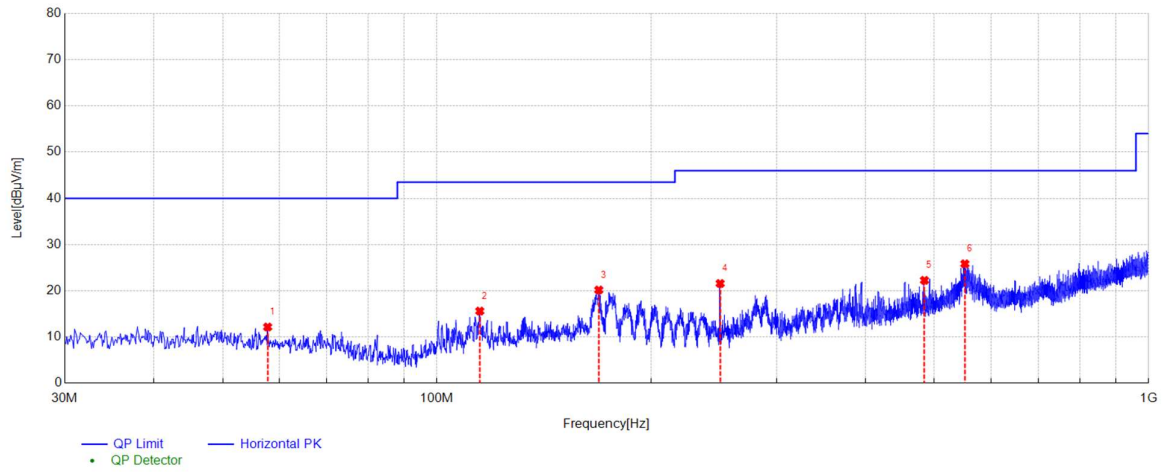
Note:

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

Appendix I: Spurious emissions



NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	36.8877	21.48	-16.30	40.00	18.52	100	140	Vertical	PASS
2	60.2670	16.12	-17.33	40.00	23.88	100	330	Vertical	PASS
3	166.783	25.12	-16.43	43.50	18.38	100	220	Vertical	PASS
4	250.018	23.23	-17.97	46.00	22.77	100	260	Vertical	PASS
5	424.732	24.46	-12.93	46.00	21.54	100	270	Vertical	PASS
6	750.103	27.88	-6.16	46.00	18.12	100	300	Vertical	PASS



NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	57.8418	12.18	-16.88	40.00	27.82	100	40	Horizontal	PASS
2	114.883	15.62	-18.47	43.50	27.88	100	10	Horizontal	PASS
3	168.820	20.18	-16.65	43.50	23.32	100	90	Horizontal	PASS
4	250.018	21.59	-17.97	46.00	24.41	100	150	Horizontal	PASS
5	484.199	22.27	-11.97	46.00	23.73	100	10	Horizontal	PASS
6	551.912	25.84	-10.31	46.00	20.16	100	20	Horizontal	PASS

Mode:	11B-2412
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NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1188	40.13	0.12	74.00	33.87	150	127	Horizontal
2	1878	44.78	5.91	74.00	29.22	150	274	Horizontal
3	4731	49.24	-13.48	74.00	24.76	150	31	Horizontal
4	6546	45.34	-10.66	74.00	28.66	150	243	Horizontal
5	9657	47.04	-6.36	74.00	26.96	150	270	Horizontal
6	11691	48.95	-2.79	74.00	25.05	150	219	Horizontal

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1212	40.44	0.34	74.00	33.56	150	348	Vertical
2	1742	43.33	3.16	74.00	30.67	150	113	Vertical
3	5256	45.37	-12.50	74.00	28.63	150	226	Vertical
4	6567	49.60	-10.66	74.00	24.40	150	273	Vertical
5	8961	46.18	-7.75	74.00	27.82	150	47	Vertical
6	13758	50.41	-0.45	74.00	23.59	150	47	Vertical

Mode:	11B-2442
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NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1222	40.83	0.30	74.00	33.17	150	324	Horizontal
2	1752	42.36	3.28	74.00	31.64	150	204	Horizontal
3	4875	45.91	-13.42	74.00	28.09	150	319	Horizontal
4	5787	44.88	-12.06	74.00	29.12	150	244	Horizontal
5	7659	45.70	-9.58	74.00	28.30	150	184	Horizontal
6	11664	49.04	-2.93	74.00	24.96	150	241	Horizontal

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1316	40.30	0.07	74.00	33.70	150	152	Vertical
2	1934	45.81	6.29	74.00	28.19	150	192	Vertical
3	3945	45.34	-16.04	74.00	28.66	150	52	Vertical
4	5262	46.18	-12.51	74.00	27.82	150	103	Vertical
5	6579	51.11	-10.67	74.00	22.89	150	278	Vertical
6	11229	48.67	-3.29	74.00	25.33	150	115	Vertical

Mode:	11B-2462
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NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1290	40.42	0.06	74.00	33.58	150	200	Horizontal
2	1722	42.42	2.90	74.00	31.58	150	212	Horizontal
3	4923	45.29	-13.57	74.00	28.71	150	93	Horizontal
4	6060	45.43	-11.12	74.00	28.57	150	176	Horizontal
5	11259	48.73	-3.17	74.00	25.27	150	161	Horizontal
6	12993	49.49	-1.16	74.00	24.51	150	134	Horizontal

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1316	40.65	0.07	74.00	33.35	150	134	Vertical
2	1698	43.32	2.59	74.00	30.68	150	129	Vertical
3	4236	43.08	-15.57	74.00	30.92	150	122	Vertical
4	5895	44.14	-11.72	74.00	29.86	150	40	Vertical
5	7758	45.56	-9.61	74.00	28.44	150	95	Vertical
6	11052	48.56	-3.70	74.00	25.44	150	226	Vertical

Mode:	11G-2412
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NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1220	41.10	0.31	74.00	32.90	150	70	Horizontal
2	1672	40.91	2.09	74.00	33.09	150	78	Horizontal
3	4149	42.06	-15.77	74.00	31.94	150	40	Horizontal
4	4953	45.15	-13.66	74.00	28.85	150	345	Horizontal
5	7686	46.12	-9.49	74.00	27.88	150	267	Horizontal
6	11676	49.77	-2.86	74.00	24.23	150	40	Horizontal

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1326	40.74	0.10	74.00	33.26	150	114	Vertical
2	2040	45.73	6.74	74.00	28.27	150	351	Vertical
3	4119	42.76	-15.79	74.00	31.24	150	340	Vertical
4	4911	43.70	-13.54	74.00	30.30	150	27	Vertical
5	7098	47.82	-10.32	74.00	26.18	150	284	Vertical
6	8922	46.18	-7.78	74.00	27.82	150	207	Vertical

Mode:	11G-2437
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NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1202	40.46	0.39	74.00	33.54	150	243	Horizontal
2	2050	46.08	6.90	74.00	27.92	150	308	Horizontal
3	4119	42.38	-15.79	74.00	31.62	150	264	Horizontal
4	5661	45.14	-11.96	74.00	28.86	150	336	Horizontal
5	7680	45.78	-9.51	74.00	28.22	150	215	Horizontal
6	10554	47.56	-4.90	74.00	26.44	150	160	Horizontal

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1244	41.08	0.21	74.00	32.92	150	177	Vertical
2	1762	42.60	3.39	74.00	31.40	150	259	Vertical
3	3945	44.10	-16.04	74.00	29.90	150	46	Vertical
4	4737	45.49	-13.46	74.00	28.51	150	268	Vertical
5	5616	44.08	-12.09	74.00	29.92	150	16	Vertical
6	8001	45.70	-9.13	74.00	28.30	150	206	Vertical

Mode:	11G-2462
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NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1176	40.97	-0.17	74.00	33.03	150	2	Horizontal
2	1474	40.23	0.66	74.00	33.77	150	89	Horizontal
3	3882	42.47	-16.12	74.00	31.53	150	44	Horizontal
4	6114	44.22	-10.89	74.00	29.78	150	146	Horizontal
5	7062	44.94	-10.26	74.00	29.06	150	117	Horizontal
6	11715	48.64	-2.73	74.00	25.36	150	286	Horizontal

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1198	39.63	0.35	74.00	34.37	150	211	Vertical
2	1754	42.86	3.30	74.00	31.14	150	175	Vertical
3	4740	54.53	-13.44	74.00	19.47	150	279	Vertical
4	6567	44.72	-10.66	74.00	29.28	150	36	Vertical
5	9798	46.20	-6.38	74.00	27.80	150	95	Vertical
6	10602	47.20	-4.57	74.00	26.80	150	262	Vertical

Mode:	11N20-2412
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NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1326	40.06	0.10	74.00	33.94	150	106	Horizontal
2	1890	45.49	6.18	74.00	28.51	150	68	Horizontal
3	4674	43.15	-13.78	74.00	30.85	150	242	Horizontal
4	6531	44.88	-10.66	74.00	29.12	150	272	Horizontal
5	6954	46.61	-10.51	74.00	27.39	150	70	Horizontal
6	10332	47.19	-5.62	74.00	26.81	150	283	Horizontal

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1212	41.06	0.34	74.00	32.94	150	108	Vertical
2	1708	42.35	2.73	74.00	31.65	150	165	Vertical
3	4380	42.75	-15.08	74.00	31.25	150	295	Vertical
4	6291	44.88	-11.02	74.00	29.12	150	301	Vertical
5	8961	45.97	-7.75	74.00	28.03	150	339	Vertical
6	10431	47.44	-5.54	74.00	26.56	150	244	Vertical

Mode:	11N20-2437
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NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1234	40.28	0.25	74.00	33.72	150	197	Horizontal
2	1890	45.25	6.18	74.00	28.75	150	68	Horizontal
3	4269	43.91	-15.43	74.00	30.09	150	336	Horizontal
4	6003	44.50	-11.53	74.00	29.50	150	157	Horizontal
5	7749	45.64	-9.59	74.00	28.36	150	4	Horizontal
6	9624	47.04	-6.49	74.00	26.96	150	55	Horizontal

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1256	40.48	0.16	74.00	33.52	150	86	Vertical
2	1688	42.64	2.39	74.00	31.36	150	226	Vertical
3	3828	42.92	-16.34	74.00	31.08	150	244	Vertical
4	6570	49.05	-10.66	74.00	24.95	150	278	Vertical
5	8856	46.05	-7.96	74.00	27.95	150	216	Vertical
6	11046	48.34	-3.70	74.00	25.66	150	247	Vertical

Mode:	11N20-2462
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NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1336	40.50	0.12	74.00	33.50	150	231	Horizontal
2	1530	40.35	0.53	74.00	33.65	150	218	Horizontal
3	4920	44.00	-13.57	74.00	30.00	150	170	Horizontal
4	5487	44.10	-11.96	74.00	29.90	150	339	Horizontal
5	7977	45.60	-9.19	74.00	28.40	150	344	Horizontal
6	11892	48.79	-2.38	74.00	25.21	150	50	Horizontal

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1222	40.66	0.30	74.00	33.34	150	9	Vertical
2	1924	46.90	6.32	74.00	27.10	150	68	Vertical
3	5439	44.91	-12.16	74.00	29.09	150	164	Vertical
4	7110	48.10	-10.29	74.00	25.90	150	282	Vertical
5	9801	46.56	-6.38	74.00	27.44	150	111	Vertical
6	11943	49.75	-2.47	74.00	24.25	150	248	Vertical

Mode:	11N40-2422
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NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1256	40.70	0.16	74.00	33.30	150	244	Horizontal
2	1866	45.61	5.65	74.00	28.39	150	76	Horizontal
3	3837	42.25	-16.31	74.00	31.75	150	31	Horizontal
4	6084	44.16	-10.95	74.00	29.84	150	16	Horizontal
5	7686	45.78	-9.49	74.00	28.22	150	207	Horizontal
6	14826	50.61	0.41	74.00	23.39	150	16	Horizontal

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1224	40.29	0.30	74.00	33.71	150	0	Vertical
2	1902	45.25	6.39	74.00	28.75	150	18	Vertical
3	5256	45.41	-12.50	74.00	28.59	150	78	Vertical
4	6582	47.05	-10.67	74.00	26.95	150	298	Vertical
5	8274	45.71	-9.12	74.00	28.29	150	316	Vertical
6	11031	49.55	-3.70	74.00	24.45	150	274	Vertical

Mode:	11N40-2437
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NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1336	40.22	0.12	74.00	33.78	150	174	Horizontal
2	1946	45.50	6.24	74.00	28.50	150	154	Horizontal
3	3324	42.59	-17.34	74.00	31.41	150	170	Horizontal
4	4923	44.01	-13.57	74.00	29.99	150	359	Horizontal
5	6498	45.26	-10.65	74.00	28.74	150	347	Horizontal
6	9627	46.89	-6.48	74.00	27.11	150	170	Horizontal

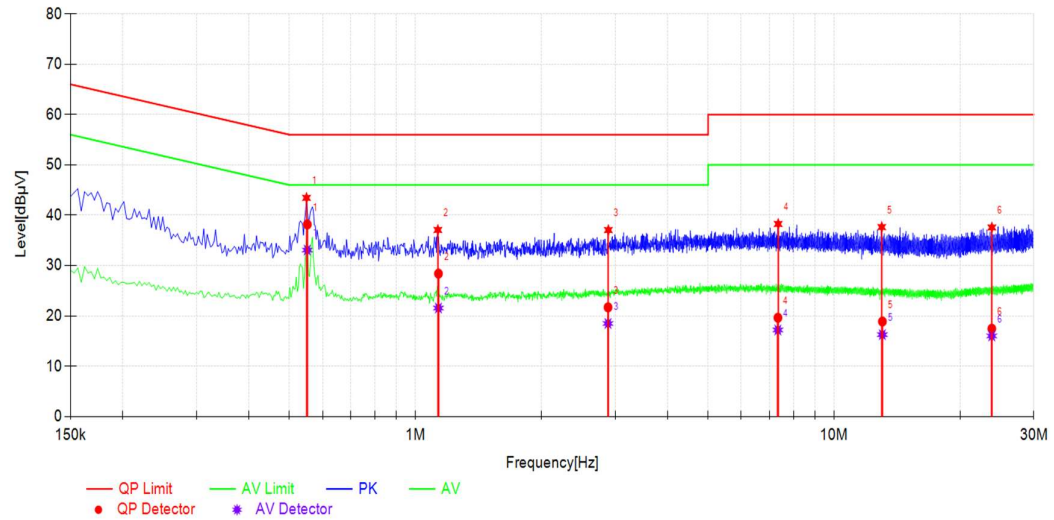
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1384	40.37	0.32	74.00	33.63	150	347	Vertical
2	1742	42.50	3.16	74.00	31.50	150	231	Vertical
3	3948	44.33	-16.04	74.00	29.67	150	164	Vertical
4	5262	46.92	-12.51	74.00	27.08	150	102	Vertical
5	6579	48.32	-10.67	74.00	25.68	150	277	Vertical
6	8295	46.53	-9.15	74.00	27.47	150	188	Vertical

Mode:	11N40-2452
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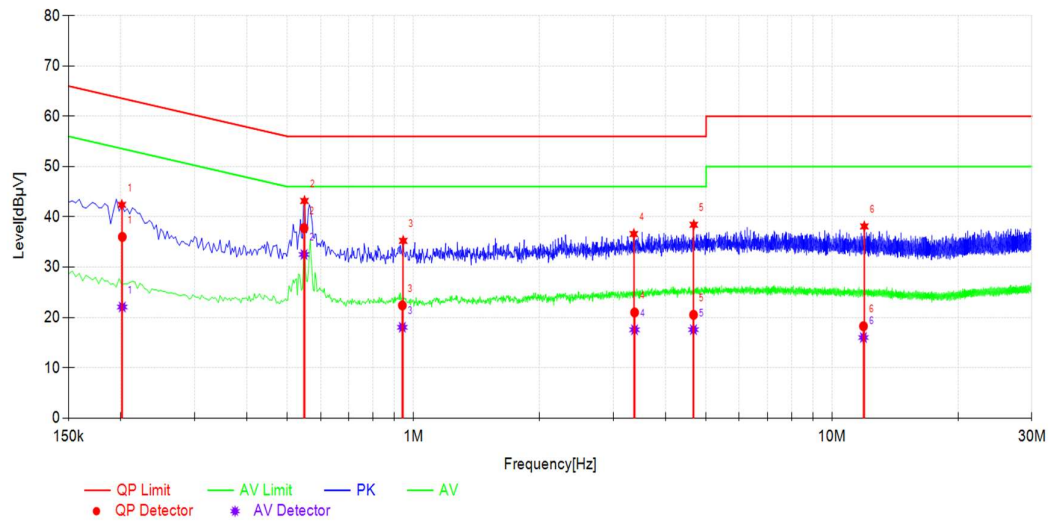
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1212	39.78	0.34	74.00	34.22	150	275	Horizontal
2	2108	46.11	7.56	74.00	27.89	150	244	Horizontal
3	4251	42.87	-15.51	74.00	31.13	150	346	Horizontal
4	6540	45.74	-10.66	74.00	28.26	150	102	Horizontal
5	9123	47.05	-7.61	74.00	26.95	150	29	Horizontal
6	11319	48.23	-3.07	74.00	25.77	150	360	Horizontal

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1316	40.27	0.07	74.00	33.73	150	141	Vertical
2	1922	45.34	6.32	74.00	28.66	150	144	Vertical
3	4725	51.21	-13.51	74.00	22.79	150	310	Vertical
4	6579	49.07	-10.67	74.00	24.93	150	278	Vertical
5	8109	45.61	-9.22	74.00	28.39	150	346	Vertical
6	10884	47.75	-4.78	74.00	26.25	150	328	Vertical

Appendix J: Conducted emission AC power port



Final Data List										
NO.	Freq. [MHz]	Factor [dB]	QP Value	QP Limit	QP Margin	AV Value	AV Limit	AV Margin	Polarity	Verdict
1	0.5514	10.25	38.18	56.00	17.82	33.09	46.00	12.91	L1	PASS
2	1.1346	10.35	28.41	56.00	27.59	21.57	46.00	24.43	L1	PASS
3	2.8836	10.29	21.72	56.00	34.28	18.50	46.00	27.50	L1	PASS
4	7.3410	10.42	19.65	60.00	40.35	17.21	50.00	32.79	L1	PASS
5	13.0432	10.51	18.89	60.00	41.11	16.29	50.00	33.71	L1	PASS
6	23.8140	10.74	17.47	60.00	42.53	16.03	50.00	33.97	L1	PASS



Final Data List										
NO.	Freq. [MHz]	Factor [dB]	QP Value	QP Limit	QP Margin	AV Value	AV Limit	AV Margin	Polarity	Verdict
1	0.2015	10.35	36.02	63.55	27.53	22.09	53.55	31.46	N	PASS
2	0.5476	10.25	37.79	56.00	18.21	32.53	46.00	13.47	N	PASS
3	0.9405	10.26	22.41	56.00	33.59	18.06	46.00	27.94	N	PASS
4	3.3740	10.39	21.01	56.00	34.99	17.56	46.00	28.44	N	PASS
5	4.6660	10.40	20.53	56.00	35.47	17.58	46.00	28.42	N	PASS
6	11.8851	10.53	18.27	60.00	41.73	16.02	50.00	33.98	N	PASS