



11N40SISO_Ant1_2437_30~1000



11N40SISO_Ant1_2437_1000~26500



11N40SISO_Ant1_2452_0~Reference



11N40SISO_Ant1_2452_30~1000



11N40SISO_Ant1_2452_1000~26500



Appendix G: Duty Cycle

Test Result

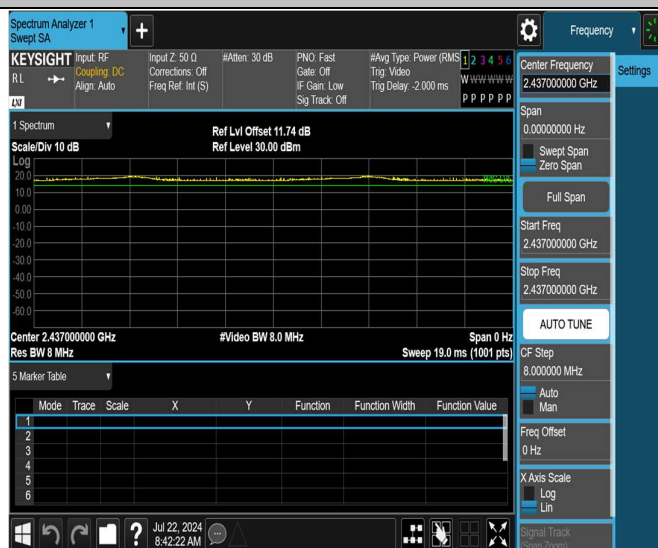
TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11B	Ant1	2412	19.00	19.00	100.00
		2437	19.00	19.00	100.00
		2462	19.00	19.00	100.00
11G	Ant1	2412	19.00	19.00	100.00
		2437	19.00	19.00	100.00
		2462	19.00	19.00	100.00
11N20SIS O	Ant1	2412	19.00	19.00	100.00
		2437	19.00	19.00	100.00
		2462	19.00	19.00	100.00
11N40SIS O	Ant1	2422	19.00	19.00	100.00
		2437	19.00	19.00	100.00
		2452	19.00	19.00	100.00

Test Graphs

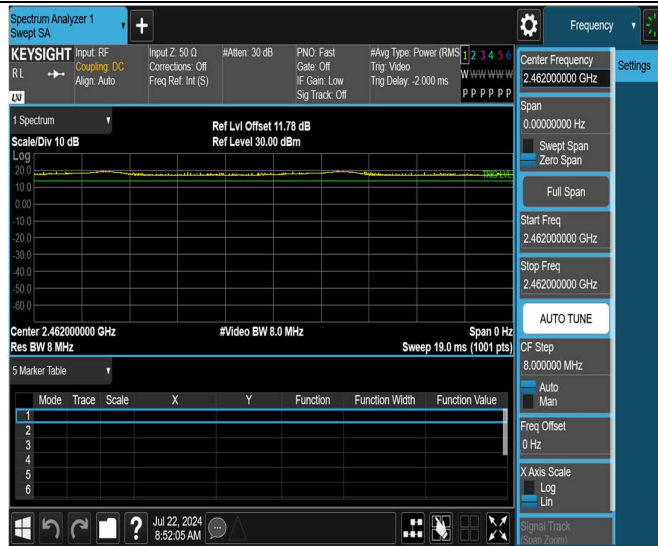
11B_Ant1_2412



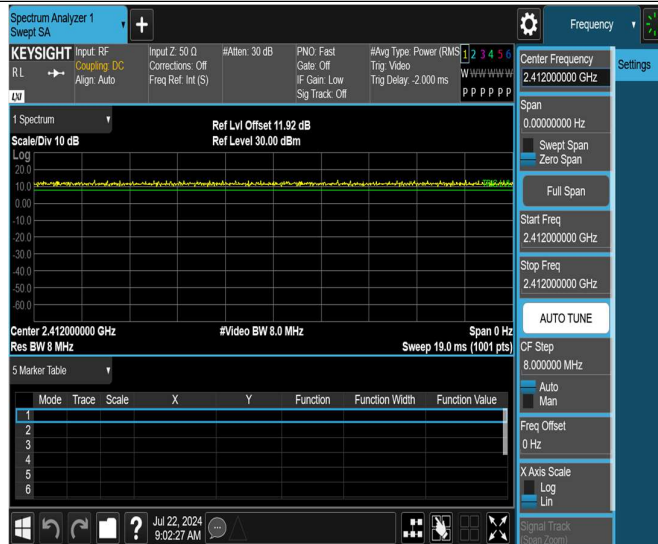
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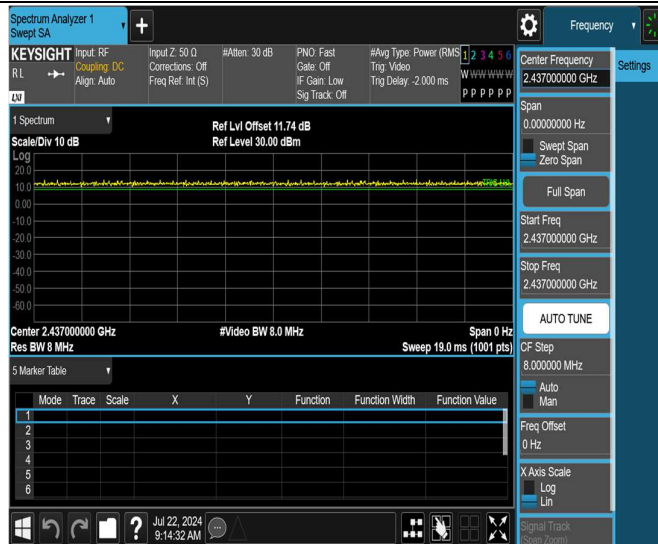
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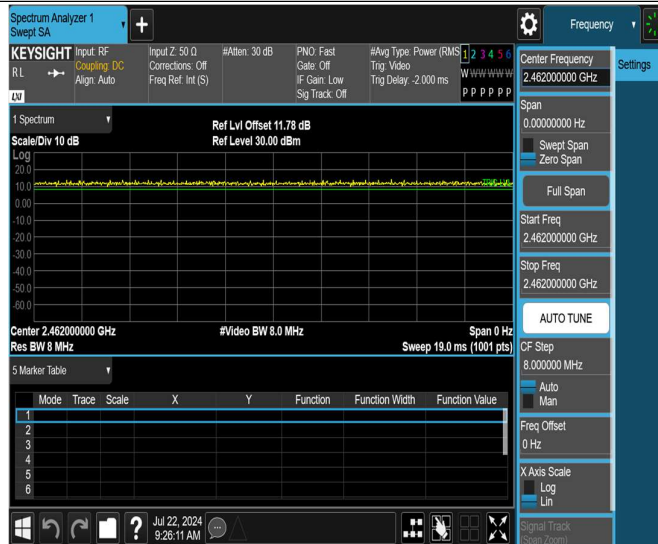
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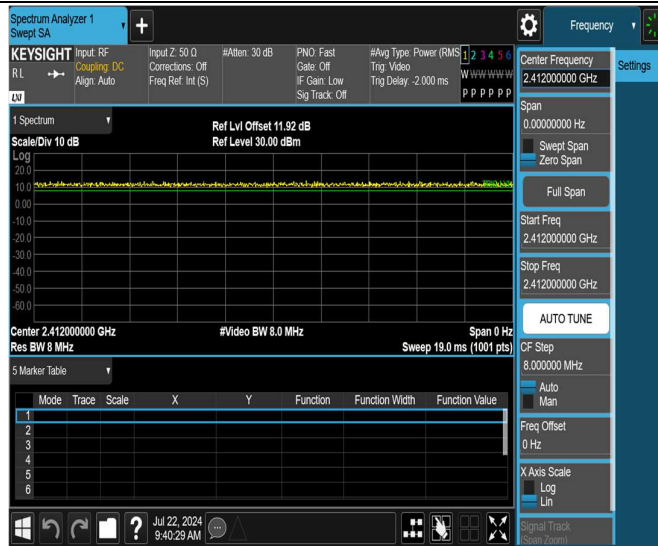
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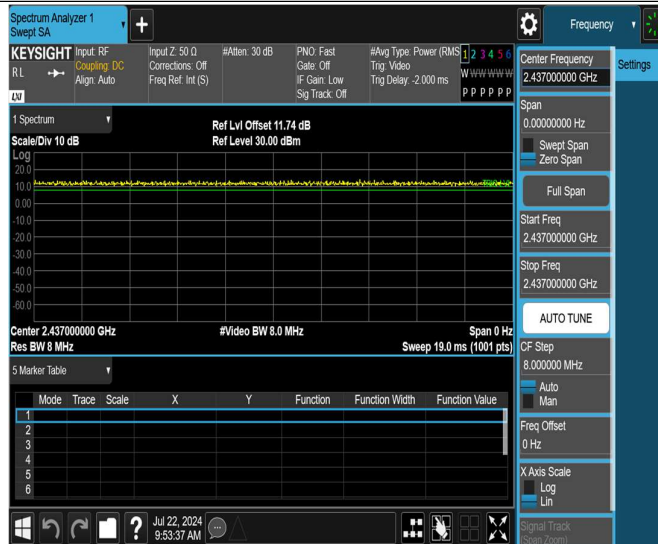
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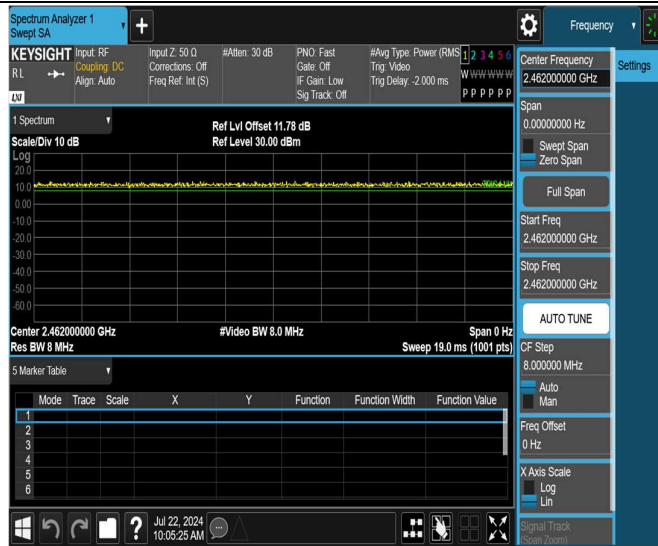
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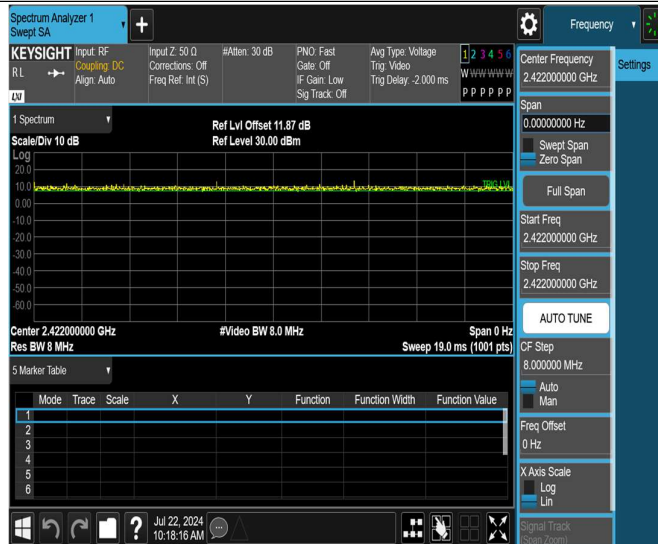
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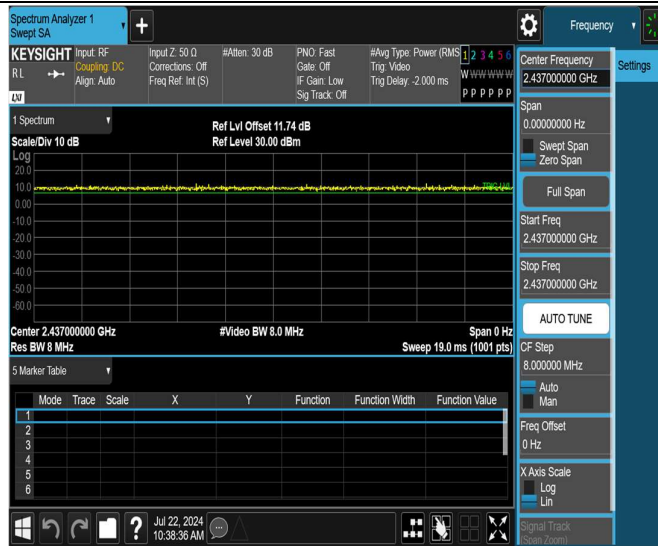
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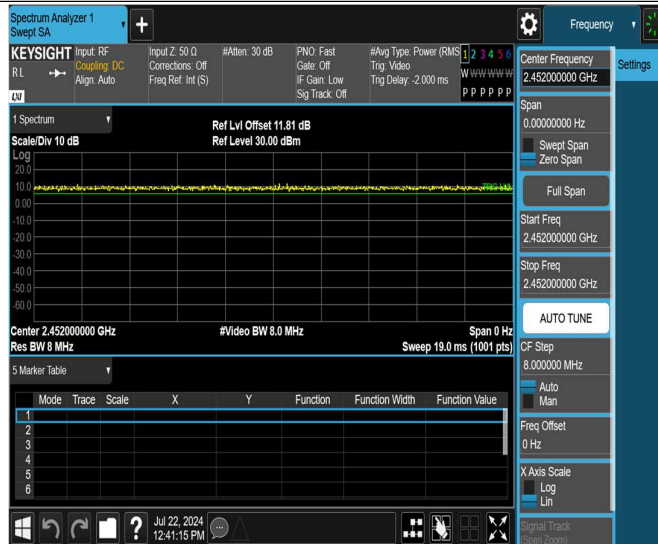
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



Appendix H: Emissions in Restricted Bands

Mode:	11B-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	8.68	45.07	74.00	28.93	43.53	54.00	10.47	150	274	Vertical	PASS
2	2316.96	8.75	47.65	74.00	26.35	43.23	54.00	10.77	150	69	Vertical	PASS
3	2335.92	8.82	47.29	74.00	26.71	44.69	54.00	9.31	150	13	Vertical	PASS
4	2351.28	8.89	48.39	74.00	25.61	43.91	54.00	10.09	150	48	Vertical	PASS
5	2363.28	9.09	48.37	74.00	25.63	44.96	54.00	9.04	150	13	Vertical	PASS
6	2390	10.15	47.49	74.00	26.51	43.92	54.00	10.08	150	283	Vertical	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	8.68	45.56	74.00	28.44	43.17	54.00	10.83	150	114	Horizontal	PASS
2	2371.76	9.27	51.66	74.00	22.34	49.46	54.00	4.54	150	360	Horizontal	PASS
3	2383.2002	9.82	43.29	74.00	30.71	40.96	54.00	13.04	144.4	74.8	Horizontal	PASS
4	2386.72	10.01	45.37	74.00	28.63	42.57	54.00	11.43	100.6	300.8	Horizontal	PASS
5	2389.2799	10.13	42.65	74.00	31.35	40.87	54.00	13.13	100	67.7	Horizontal	PASS
6	2390	10.15	53.11	74.00	20.89	46.25	54.00	7.75	150	132	Horizontal	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	10.67	48.19	74.00	25.81	46.03	54.00	7.97	150	58	Vertical	PASS
2	2484.325	10.59	52.52	74.00	21.48	48.37	54.00	5.63	150	353	Vertical	PASS
3	2486.074	10.43	49.25	74.00	24.75	46.32	54.00	7.68	150	347	Vertical	PASS
4	2488.087	10.27	52.12	74.00	21.88	47.20	54.00	6.80	150	353	Vertical	PASS
5	2493.8125	10.58	49.35	74.00	24.65	45.58	54.00	8.42	150	114	Vertical	PASS
6	2500	10.20	48.61	74.00	25.39	44.58	54.00	9.42	150	167	Vertical	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	2483.5006	10.67	44.01	74.00	29.99	41.79	54.00	12.21	104.4	310	Horizontal	PASS
2	2483.7636	10.65	43.65	74.00	30.35	41.61	54.00	12.39	143.3	73.9	Horizontal	PASS
3	2484.3577	10.59	43.19	74.00	30.81	41.34	54.00	12.66	174.8	178.9	Horizontal	PASS
4	2485.4303	10.50	42.64	74.00	31.36	40.92	54.00	13.08	118.3	100	Horizontal	PASS
5	2487.2947	10.36	44.33	74.00	29.67	42.09	54.00	11.91	106.8	166.7	Horizontal	PASS
6	2500.0000	10.20	50.42	74.00	23.58	47.38	54.00	6.62	150	59	Horizontal	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	8.69	46.75	74.00	27.25	43.73	54.00	10.27	150	242	Vertical	PASS
2	2350.16	8.95	47.66	74.00	26.34	43.35	54.00	10.65	150	156	Vertical	PASS
3	2358.32	9.12	48.25	74.00	25.75	46.33	54.00	7.67	150	248	Vertical	PASS
4	2387.2	10.35	51.66	74.00	22.34	44.85	54.00	9.15	150	215	Vertical	PASS
5	2388.48	10.60	52.29	74.00	21.71	48.22	54.00	5.78	150	112	Vertical	PASS
6	2390	11.47	48.51	74.00	25.49	45.73	54.00	8.27	150	352	Vertical	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	8.69	45.88	74.00	28.12	43.54	54.00	10.46	150	337	Horizontal	PASS
2	2376.96	9.42	53.38	74.00	20.62	50.09	54.00	3.91	150	44	Horizontal	PASS
3	2382	9.89	56.03	74.00	17.97	46.78	54.00	7.22	150	52	Horizontal	PASS
4	2386.08	10.24	61.18	74.00	12.82	50.93	54.00	3.07	150	224	Horizontal	PASS
5	2389.04	10.87	63.13	74.00	10.87	46.14	54.00	7.86	150	26	Horizontal	PASS
6	2390	11.47	57.89	74.00	16.11	51.54	54.00	2.46	150	132	Horizontal	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	10.67	49.09	74.00	24.91	46.15	54.00	7.85	150	303	Vertical	PASS
2	2486.734	10.41	50.16	74.00	23.84	45.97	54.00	8.03	150	308	Vertical	PASS
3	2490.199	10.36	49.11	74.00	24.89	46.65	54.00	7.35	150	67	Vertical	PASS
4	2495.017	10.53	49.75	74.00	24.25	47.46	54.00	6.54	150	123	Vertical	PASS
5	2497.195	10.37	48.98	74.00	25.02	45.04	54.00	8.96	150	67	Vertical	PASS
6	2500	10.20	47.75	74.00	26.25	44.77	54.00	9.23	150	320	Vertical	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	10.67	50.89	74.00	23.11	48.15	54.00	5.85	150	18	Horizontal	PASS
2	2484.7705	10.57	52.45	74.00	21.55	48.83	54.00	5.17	150	18	Horizontal	PASS
3	2486.1565	10.42	51.49	74.00	22.51	48.38	54.00	5.62	150	119	Horizontal	PASS
4	2487.2455	10.37	51.79	74.00	22.21	48.09	54.00	5.91	150	210	Horizontal	PASS
5	2488.7305	10.30	52.41	74.00	21.59	48.59	54.00	5.41	150	205	Horizontal	PASS
6	2500	10.20	51.42	74.00	22.58	49.92	54.00	4.08	150	35	Horizontal	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	8.69	46.65	74.00	27.35	42.91	54.00	11.09	150	218	Vertical	PASS
2	2330.32	8.86	48.53	74.00	25.47	46.54	54.00	7.46	150	332	Vertical	PASS
3	2336.64	8.80	48.19	74.00	25.81	43.23	54.00	10.77	150	282	Vertical	PASS
4	2357.2	9.14	48.92	74.00	25.08	46.46	54.00	7.54	150	161	Vertical	PASS
5	2384.24	10.17	48.12	74.00	25.88	44.79	54.00	9.21	150	109	Vertical	PASS
6	2390	11.47	49.14	74.00	24.86	46.78	54.00	7.22	150	149	Vertical	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	8.69	46.71	74.00	27.29	45.45	54.00	8.55	150	38	Horizontal	PASS
2	2316.48	8.70	48.48	74.00	25.52	44.38	54.00	9.62	150	356	Horizontal	PASS
3	2346.56	8.95	49.58	74.00	24.42	47.59	54.00	6.41	150	8	Horizontal	PASS
4	2383.36	10.10	50.54	74.00	23.46	47.58	54.00	6.42	150	40	Horizontal	PASS
5	2389.36	11.07	51.53	74.00	22.47	47.63	54.00	6.37	150	231	Horizontal	PASS
6	2390	11.47	51.16	74.00	22.84	48.64	54.00	5.36	150	216	Horizontal	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	10.67	48.47	74.00	25.53	45.96	54.00	8.04	150	284	Vertical	PASS
2	2484.1105	10.60	50.49	74.00	23.51	47.77	54.00	6.23	150	341	Vertical	PASS
3	2487.4765	10.34	49.43	74.00	24.57	45.89	54.00	8.11	150	180	Vertical	PASS
4	2489.3575	10.33	49.70	74.00	24.30	46.25	54.00	7.75	150	141	Vertical	PASS
5	2493.301	10.53	50.17	74.00	23.83	46.28	54.00	7.72	150	338	Vertical	PASS
6	2500	10.20	47.68	74.00	26.32	45.10	54.00	8.90	150	359	Vertical	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	10.67	51.14	74.00	22.86	47.93	54.00	6.07	150	29	Horizontal	PASS
2	2488.4995	10.29	51.40	74.00	22.60	48.44	54.00	5.56	150	212	Horizontal	PASS
3	2492.443	10.49	50.72	74.00	23.28	47.35	54.00	6.65	150	210	Horizontal	PASS
4	2493.9115	10.58	51.18	74.00	22.82	46.26	54.00	7.74	150	48	Horizontal	PASS
5	2497.6075	10.32	51.55	74.00	22.45	48.70	54.00	5.30	150	122	Horizontal	PASS
6	2500	10.20	49.26	74.00	24.74	46.92	54.00	7.08	150	43	Horizontal	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	8.69	45.72	74.00	28.28	43.14	54.00	10.86	150	196	Vertical	PASS
2	2319.36	8.78	47.42	74.00	26.58	44.97	54.00	9.03	150	146	Vertical	PASS
3	2353.76	9.04	48.92	74.00	25.08	45.71	54.00	8.29	150	58	Vertical	PASS
4	2385.76	10.21	49.64	74.00	24.36	45.01	54.00	8.99	150	152	Vertical	PASS
5	2388.64	10.67	49.75	74.00	24.25	48.10	54.00	5.90	150	360	Vertical	PASS
6	2390	11.47	48.40	74.00	25.60	45.83	54.00	8.17	150	254	Vertical	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	8.69	46.94	74.00	27.06	44.46	54.00	9.54	150	96	Horizontal	PASS
2	2330.4	8.86	50.51	74.00	23.49	48.32	54.00	5.68	150	36	Horizontal	PASS
3	2386	10.23	50.79	74.00	23.21	48.32	54.00	5.68	150	36	Horizontal	PASS
4	2388.72	10.71	51.97	74.00	22.03	49.77	54.00	4.23	150	19	Horizontal	PASS
5	2389.76	11.32	52.66	74.00	21.34	49.50	54.00	4.50	150	36	Horizontal	PASS
6	2390	11.47	51.33	74.00	22.67	48.68	54.00	5.32	150	7	Horizontal	PASS

Mode:	11N40-2452
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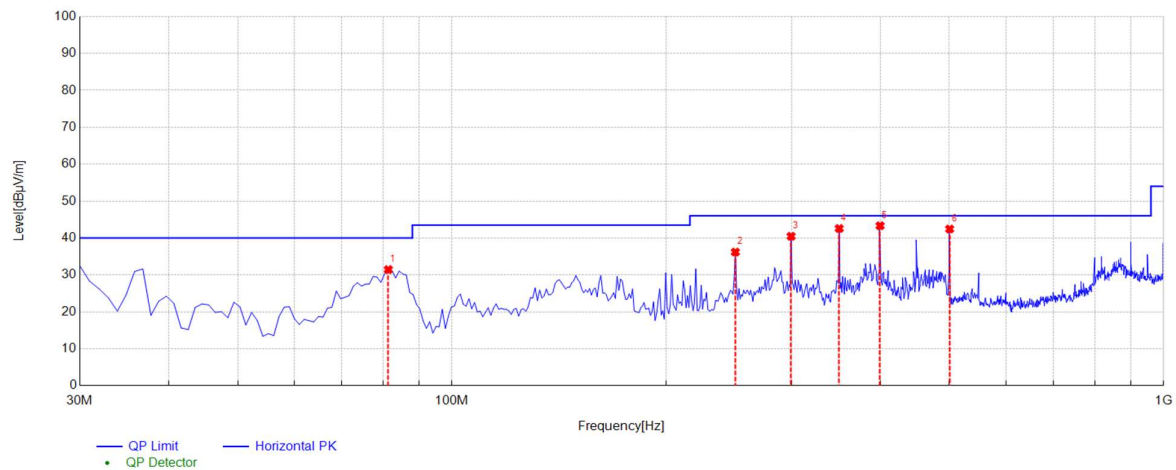
Final Data List												
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1	2483.5000	10.67	48.97	74.00	25.03	46.61	54.00	7.39	150	84	Vertical	PASS
2	2484.5065	10.58	55.06	74.00	18.94	49.33	54.00	4.67	150	4	Vertical	PASS
3	2485.084	10.55	57.84	74.00	16.16	49.18	54.00	4.82	150	19	Vertical	PASS
4	2485.942	10.44	56.83	74.00	17.17	48.34	54.00	5.66	150	360	Vertical	PASS
5	2497.5085	10.33	57.93	74.00	16.07	45.79	54.00	8.21	150	360	Vertical	PASS
6	2500.0000	10.20	47.43	74.00	26.57	44.79	54.00	9.21	150	55	Vertical	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	10.67	51.89	74.00	22.11	50.40	54.00	3.60	150	52	Horizontal	PASS
2	2486.041	10.43	54.23	74.00	19.77	48.82	54.00	5.18	150	290	Horizontal	PASS
3	2488.2025	10.28	53.19	74.00	20.81	49.22	54.00	4.78	150	259	Horizontal	PASS
4	2492.0305	10.48	53.50	74.00	20.50	47.59	54.00	6.41	150	59	Horizontal	PASS
5	2495.6605	10.48	52.63	74.00	21.37	47.23	54.00	6.77	150	59	Horizontal	PASS
6	2500	10.20	49.99	74.00	24.01	47.41	54.00	6.59	150	76	Horizontal	PASS

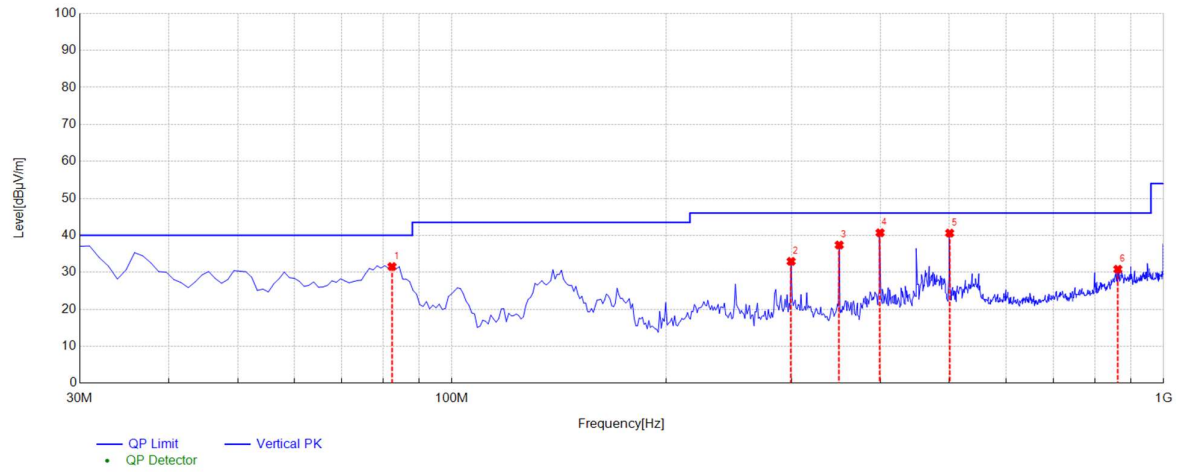
Note:

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	81.4100	31.45	-20.32	40.00	8.55	100	12	Horizontal	PASS
2	250.190	36.20	-17.22	46.00	9.80	100	260	Horizontal	PASS
3	299.660	40.47	-16.17	46.00	5.53	100	230	Horizontal	PASS
4	350.100	42.58	-14.60	46.00	3.42	100	46	Horizontal	PASS
5	399.570	43.33	-12.91	46.00	2.67	100	29	Horizontal	PASS
6	500.450	42.44	-10.89	46.00	3.56	100	12	Horizontal	PASS



NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	82.3800	31.54	-20.34	40.00	8.46	100	281	Vertical	PASS
2	299.660	32.95	-16.17	46.00	13.05	100	253	Vertical	PASS
3	350.100	37.38	-14.60	46.00	8.62	100	348	Vertical	PASS
4	399.570	40.69	-12.91	46.00	5.31	100	128	Vertical	PASS
5	500.450	40.60	-10.89	46.00	5.40	100	348	Vertical	PASS
6	862.260	30.83	-3.48	46.00	15.17	100	292	Vertical	PASS

Mode:	11B-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	1250	2.18	40.49	74.00	33.51	33.78	54.00	20.22	150	146	Vertical	PASS
2	1594	2.16	46.62	74.00	27.38	39.95	54.00	14.05	150	327	Vertical	PASS
3	3471	-18.29	47.72	74.00	26.28	48.20	54.00	5.80	150	244	Vertical	PASS
4	4824	-15.02	44.65	74.00	29.35	31.72	54.00	22.28	150	217	Vertical	PASS
5	7986	-11.08	43.72	74.00	30.28	34.10	54.00	19.90	150	125	Vertical	PASS
6	11451	-5.25	45.24	74.00	28.76	36.95	54.00	17.05	150	104	Vertical	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	1326	2.22	40.69	74.00	33.31	33.04	54.00	20.96	150	144	Horizontal	PASS
2	1884	5.59	44.27	74.00	29.73	37.32	54.00	16.68	150	48	Horizontal	PASS
3	3471.75	-18.29	53.17	74.00	20.83	49.83	54.00	4.17	186.1	316.9	Horizontal	PASS
4	3897.03	-16.60	43.21	74.00	30.79	49.81	54.00	4.19	105.5	298.6	Horizontal	PASS
5	7527	-11.93	42.38	74.00	31.62	32.32	54.00	21.68	150	300	Horizontal	PASS
6	8679	-10.59	43.77	74.00	30.23	32.09	54.00	21.91	150	128	Horizontal	PASS

Mode:	11B-2437
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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	1224	2.16	41.25	74.00	32.75	33.86	54.00	20.14	150	125	Vertical	PASS
2	1582	2.07	47.12	74.00	26.88	33.73	54.00	20.27	150	76	Vertical	PASS
3	4875	-14.76	45.90	74.00	28.10	34.68	54.00	19.32	150	214	Vertical	PASS
4	6726	-12.26	41.59	74.00	32.41	34.19	54.00	19.81	150	42	Vertical	PASS
5	9753	-7.67	43.76	74.00	30.24	34.65	54.00	19.35	150	130	Vertical	PASS
6	13200	-2.22	47.23	74.00	26.77	38.31	54.00	15.69	150	348	Vertical	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	1150	1.80	41.69	74.00	32.31	34.22	54.00	19.78	150	270	Horizontal	PASS
2	1596	2.18	47.91	74.00	26.09	42.71	54.00	11.29	150	258	Horizontal	PASS
3	4353	-16.18	40.08	74.00	33.92	32.45	54.00	21.55	150	224	Horizontal	PASS
4	5205	-14.01	42.93	74.00	31.07	32.99	54.00	21.01	150	93	Horizontal	PASS
5	7908	-11.09	42.44	74.00	31.56	32.63	54.00	21.37	150	85	Horizontal	PASS
6	14343	-0.75	47.74	74.00	26.26	38.92	54.00	15.08	150	69	Horizontal	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	1100	1.25	42.94	74.00	31.06	34.78	54.00	19.22	150	159	Vertical	PASS
2	1658	2.85	47.05	74.00	26.95	40.65	54.00	13.35	150	91	Vertical	PASS
3	4923	-14.72	44.73	74.00	29.27	32.63	54.00	21.37	150	197	Vertical	PASS
4	6300	-12.60	41.88	74.00	32.12	32.78	54.00	21.22	150	194	Vertical	PASS
5	10146	-7.03	43.96	74.00	30.04	36.38	54.00	17.62	150	37	Vertical	PASS
6	13218	-2.37	46.49	74.00	27.51	37.87	54.00	16.13	150	93	Vertical	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	1100	1.25	43.73	74.00	30.27	34.85	54.00	19.15	150	195	Horizontal	PASS
2	1596	2.18	48.34	74.00	25.66	41.80	54.00	12.20	150	115	Horizontal	PASS
3	3282	-18.27	42.21	74.00	31.79	31.38	54.00	22.62	150	109	Horizontal	PASS
4	4923	-14.72	43.28	74.00	30.72	32.68	54.00	21.32	150	128	Horizontal	PASS
5	7425	-11.50	41.80	74.00	32.20	33.07	54.00	20.93	150	73	Horizontal	PASS
6	12780	-3.76	45.94	74.00	28.06	37.19	54.00	16.81	150	300	Horizontal	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	1316	2.28	40.19	74.00	33.81	34.44	54.00	19.56	150	99	Vertical	PASS
2	1912	5.67	43.43	74.00	30.57	37.42	54.00	16.58	150	348	Vertical	PASS
3	4191	-16.36	39.94	74.00	34.06	30.94	54.00	23.06	150	134	Vertical	PASS
4	5886	-12.93	42.50	74.00	31.50	32.07	54.00	21.93	150	210	Vertical	PASS
5	7203	-12.36	41.57	74.00	32.43	31.94	54.00	22.06	150	17	Vertical	PASS
6	11934	-4.69	45.56	74.00	28.44	36.12	54.00	17.88	150	73	Vertical	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	1306	2.34	40.76	74.00	33.24	35.04	54.00	18.96	150	355	Horizontal	PASS
2	1876	5.52	42.76	74.00	31.24	37.53	54.00	16.47	150	72	Horizontal	PASS
3	4056	-16.81	39.50	74.00	34.50	30.71	54.00	23.29	150	271	Horizontal	PASS
4	6468	-12.59	41.99	74.00	32.01	32.76	54.00	21.24	150	19	Horizontal	PASS
5	7806	-11.06	41.43	74.00	32.57	33.28	54.00	20.72	150	158	Horizontal	PASS
6	12105	-3.76	45.48	74.00	28.52	37.71	54.00	16.29	150	182	Horizontal	PASS

Mode:	11G-2437
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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	1150	1.80	40.16	74.00	33.84	33.90	54.00	20.10	150	78	Vertical	PASS
2	1596	2.18	45.93	74.00	28.07	40.94	54.00	13.06	150	284	Vertical	PASS
3	3879	-16.87	39.82	74.00	34.18	31.73	54.00	22.27	150	71	Vertical	PASS
4	6432	-12.34	41.66	74.00	32.34	34.05	54.00	19.95	150	124	Vertical	PASS
5	8190	-10.39	42.27	74.00	31.73	34.43	54.00	19.57	150	139	Vertical	PASS
6	11799	-4.45	45.59	74.00	28.41	37.15	54.00	16.85	150	12	Vertical	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	1250	2.18	43.44	74.00	30.56	34.39	54.00	19.61	150	148	Horizontal	PASS
2	1640	2.67	46.92	74.00	27.08	37.66	54.00	16.34	150	323	Horizontal	PASS
3	3816	-17.00	39.79	74.00	34.21	32.07	54.00	21.93	150	19	Horizontal	PASS
4	5934	-12.30	41.51	74.00	32.49	32.75	54.00	21.25	150	5	Horizontal	PASS
5	7767	-11.30	42.42	74.00	31.58	33.18	54.00	20.82	150	55	Horizontal	PASS
6	11250	-5.94	45.77	74.00	28.23	36.27	54.00	17.73	150	182	Horizontal	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	1150	1.80	42.65	74.00	31.35	34.33	54.00	19.67	150	358	Vertical	PASS
2	1596	2.18	45.45	74.00	28.55	38.69	54.00	15.31	150	283	Vertical	PASS
3	4230	-16.57	39.84	74.00	34.16	30.71	54.00	23.29	150	289	Vertical	PASS
4	6411	-12.12	41.28	74.00	32.72	32.68	54.00	21.32	150	254	Vertical	PASS
5	10785	-6.64	43.86	74.00	30.14	34.90	54.00	19.10	150	215	Vertical	PASS
6	14286	-0.94	46.38	74.00	27.62	38.38	54.00	15.62	150	289	Vertical	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	1150	1.80	45.08	74.00	28.92	37.62	54.00	16.38	150	117	Horizontal	PASS
2	1592	2.15	47.25	74.00	26.75	40.53	54.00	13.47	150	326	Horizontal	PASS
3	3627	-17.47	39.78	74.00	34.22	30.95	54.00	23.05	150	341	Horizontal	PASS
4	5949	-12.04	41.65	74.00	32.35	33.37	54.00	20.63	150	125	Horizontal	PASS
5	9327	-9.15	42.45	74.00	31.55	33.91	54.00	20.09	150	201	Horizontal	PASS
6	11547	-5.52	44.96	74.00	29.04	36.24	54.00	17.76	150	315	Horizontal	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	1100	1.25	41.38	74.00	32.62	33.58	54.00	20.42	150	354	Vertical	PASS
2	1596	2.18	46.25	74.00	27.75	39.93	54.00	14.07	150	354	Vertical	PASS
3	3816	-17.00	39.23	74.00	34.77	31.63	54.00	22.37	150	330	Vertical	PASS
4	6333	-12.35	41.29	74.00	32.71	32.50	54.00	21.50	150	116	Vertical	PASS
5	7413	-11.41	43.07	74.00	30.93	34.78	54.00	19.22	150	93	Vertical	PASS
6	12948	-3.21	46.44	74.00	27.56	35.77	54.00	18.23	150	18	Vertical	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	1150	1.80	42.88	74.00	31.12	34.22	54.00	19.78	150	117	Horizontal	PASS
2	1598	2.19	46.56	74.00	27.44	44.85	54.00	9.15	150	329	Horizontal	PASS
3	4293	-16.32	40.23	74.00	33.77	31.90	54.00	22.10	150	142	Horizontal	PASS
4	5712	-13.36	41.64	74.00	32.36	32.44	54.00	21.56	150	92	Horizontal	PASS
5	9216	-8.86	42.49	74.00	31.51	34.91	54.00	19.09	150	3	Horizontal	PASS
6	11535	-5.65	44.92	74.00	29.08	36.00	54.00	18.00	150	273	Horizontal	PASS

Mode:	11N20-2437
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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	1050	0.97	43.25	74.00	30.75	33.74	54.00	20.26	150	303	Vertical	PASS
2	1590	2.13	45.34	74.00	28.66	38.80	54.00	15.20	150	360	Vertical	PASS
3	4932	-14.91	40.22	74.00	33.78	32.89	54.00	21.11	150	102	Vertical	PASS
4	7122	-11.92	41.88	74.00	32.12	32.52	54.00	21.48	150	238	Vertical	PASS
5	9825	-7.97	42.97	74.00	31.03	33.98	54.00	20.02	150	356	Vertical	PASS
6	11865	-4.48	46.52	74.00	27.48	36.69	54.00	17.31	150	167	Vertical	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	1250	2.18	43.09	74.00	30.91	34.52	54.00	19.48	150	146	Horizontal	PASS
2	1586	2.10	47.45	74.00	26.55	39.52	54.00	14.48	150	328	Horizontal	PASS
3	3936	-17.07	38.94	74.00	35.06	31.82	54.00	22.18	150	196	Horizontal	PASS
4	4938	-15.04	41.13	74.00	32.87	32.95	54.00	21.05	150	71	Horizontal	PASS
5	8664	-10.33	42.90	74.00	31.10	34.25	54.00	19.75	150	147	Horizontal	PASS
6	11586	-5.22	45.87	74.00	28.13	36.50	54.00	17.50	150	228	Horizontal	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	1250	2.18	41.35	74.00	32.65	35.13	54.00	18.87	150	350	Vertical	PASS
2	1650	2.78	47.40	74.00	26.60	40.11	54.00	13.89	150	318	Vertical	PASS
3	4236	-16.60	39.97	74.00	34.03	31.42	54.00	22.58	150	292	Vertical	PASS
4	6381	-12.09	41.63	74.00	32.37	32.20	54.00	21.80	150	110	Vertical	PASS
5	10743	-6.64	43.89	74.00	30.11	36.14	54.00	17.86	150	277	Vertical	PASS
6	13464	-2.79	46.22	74.00	27.78	36.65	54.00	17.35	150	318	Vertical	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	1050	0.97	44.33	74.00	29.67	35.37	54.00	18.63	150	116	Horizontal	PASS
2	1644	2.71	46.41	74.00	27.59	41.52	54.00	12.48	150	346	Horizontal	PASS
3	3339	-18.33	39.78	74.00	34.22	31.50	54.00	22.50	150	246	Horizontal	PASS
4	5934	-12.30	41.32	74.00	32.68	33.50	54.00	20.50	150	45	Horizontal	PASS
5	7779	-11.21	41.94	74.00	32.06	35.48	54.00	18.52	150	324	Horizontal	PASS
6	10161	-7.17	43.44	74.00	30.56	35.09	54.00	18.91	150	232	Horizontal	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	1150	1.80	42.48	74.00	31.52	33.73	54.00	20.27	150	360	Vertical	PASS
2	1650	2.78	47.31	74.00	26.69	42.48	54.00	11.52	150	289	Vertical	PASS
3	3906	-16.60	38.58	74.00	35.42	30.97	54.00	23.03	150	46	Vertical	PASS
4	5922	-12.52	42.10	74.00	31.90	32.50	54.00	21.50	150	214	Vertical	PASS
5	8298	-10.77	41.73	74.00	32.27	34.28	54.00	19.72	150	342	Vertical	PASS
6	13515	-2.27	46.21	74.00	27.79	36.87	54.00	17.13	150	147	Vertical	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	1250	2.18	42.63	74.00	31.37	35.47	54.00	18.53	150	186	Horizontal	PASS
2	1644	2.71	47.11	74.00	26.89	41.95	54.00	12.05	150	125	Horizontal	PASS
3	3897	-16.57	38.95	74.00	35.05	31.55	54.00	22.45	150	194	Horizontal	PASS
4	5205	-14.01	40.71	74.00	33.29	31.20	54.00	22.80	150	133	Horizontal	PASS
5	5928	-12.40	41.50	74.00	32.50	32.51	54.00	21.49	150	20	Horizontal	PASS
6	11817	-4.48	44.84	74.00	29.16	36.59	54.00	17.41	150	74	Horizontal	PASS

Mode:	11N40-2437
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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	1200	2.14	46.59	74.00	27.41	33.16	54.00	20.84	150	19	Vertical	PASS
2	1596	2.18	44.98	74.00	29.02	39.45	54.00	14.55	150	130	Vertical	PASS
3	5025	-14.55	41.53	74.00	32.47	32.40	54.00	21.60	150	48	Vertical	PASS
4	6606	-12.41	41.09	74.00	32.91	31.75	54.00	22.25	150	211	Vertical	PASS
5	10098	-7.23	43.95	74.00	30.05	35.86	54.00	18.14	150	48	Vertical	PASS
6	13167	-2.63	45.05	74.00	28.95	36.37	54.00	17.63	150	119	Vertical	PASS

Final Data List

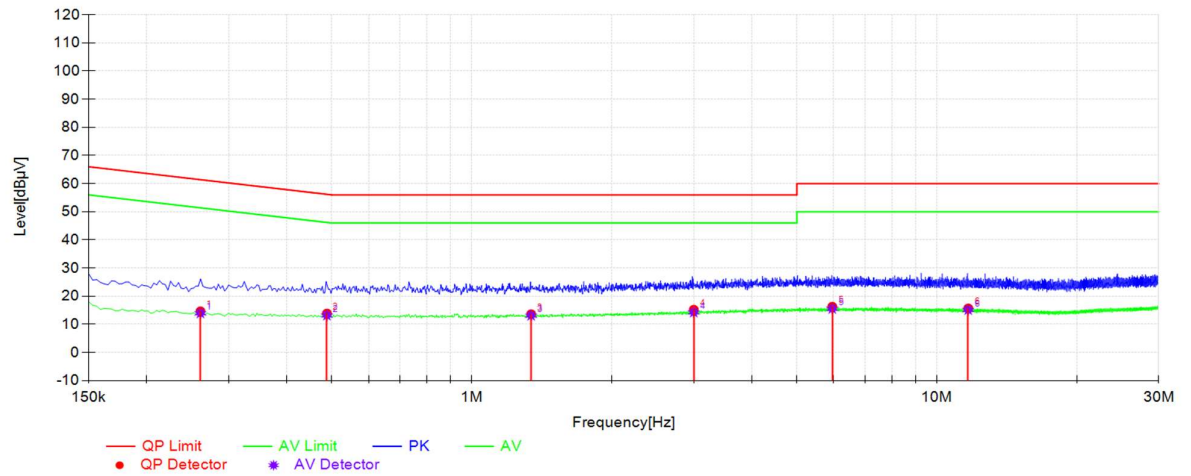
NO.	Freq. [MHz]	Factor [dB/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	1408	1.97	43.60	74.00	30.40	34.82	54.00	19.18	150	9	Horizontal	PASS
2	2058	6.00	45.16	74.00	28.84	36.80	54.00	17.20	150	14	Horizontal	PASS
3	3249	-18.46	41.70	74.00	32.30	31.03	54.00	22.97	150	236	Horizontal	PASS
4	5037	-14.37	41.44	74.00	32.56	31.70	54.00	22.30	150	204	Horizontal	PASS
5	7284	-11.77	41.17	74.00	32.83	33.27	54.00	20.73	150	178	Horizontal	PASS
6	11325	-5.81	43.91	74.00	30.09	35.25	54.00	18.75	150	137	Horizontal	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	1244	2.18	41.20	74.00	32.80	32.57	54.00	21.43	150	9	Vertical	PASS
2	1596	2.18	44.24	74.00	29.76	38.22	54.00	15.78	150	87	Vertical	PASS
3	4785	-14.67	41.48	74.00	32.52	31.65	54.00	22.35	150	201	Vertical	PASS
4	6684	-12.28	41.09	74.00	32.91	32.30	54.00	21.70	150	48	Vertical	PASS
5	10014	-7.60	42.95	74.00	31.05	35.00	54.00	19.00	150	48	Vertical	PASS
6	13821	-2.50	46.33	74.00	27.67	37.49	54.00	16.51	150	134	Vertical	PASS

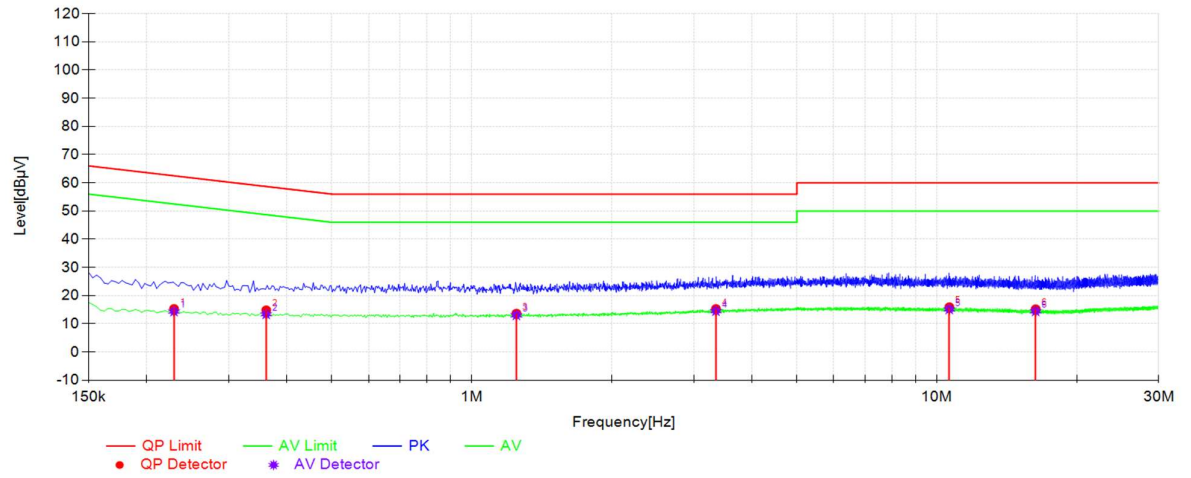
Final Data List												
NO.	Freq. [MHz]	Factor [dB/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	1392	2.00	48.54	74.00	25.46	32.15	54.00	21.85	150	21	Horizontal	PASS
2	1904	5.69	44.38	74.00	29.62	36.96	54.00	17.04	150	21	Horizontal	PASS
3	3342	-18.35	45.74	74.00	28.26	30.43	54.00	23.57	150	320	Horizontal	PASS
4	5205	-14.01	41.23	74.00	32.77	31.35	54.00	22.65	150	292	Horizontal	PASS
5	7455	-11.71	42.44	74.00	31.56	34.10	54.00	19.90	150	190	Horizontal	PASS
6	10176	-7.38	43.41	74.00	30.59	34.84	54.00	19.16	150	10	Horizontal	PASS

Appendix J: Conducted Emissions



Final Data List

NO.	Freq. [MHz]	Factor [dB]	QP Value	QP Limit	QP Margin	AV Value	AV Limit	AV Margin	Type	Verdict
1	0.2608	10.25	14.74	61.40	46.66	13.90	51.40	37.50	L1	PASS
2	0.4879	10.25	13.95	56.20	42.25	13.12	46.20	33.08	L1	PASS
3	1.3412	10.27	13.69	56.00	42.31	13.08	46.00	32.92	L1	PASS
4	3.0009	10.29	15.31	56.00	40.69	14.22	46.00	31.78	L1	PASS
5	5.9587	10.38	16.37	60.00	43.63	15.50	50.00	34.50	L1	PASS
6	11.6828	10.48	15.76	60.00	44.24	15.10	50.00	34.90	L1	PASS



Final Data List

NO.	Freq. [MHz]	Factor [dB]	QP Value	QP Limit	QP Margin	AV Value	AV Limit	AV Margin	Type	Verdict
1	0.2288	10.25	15.39	62.49	47.10	14.34	52.49	38.15	N	PASS
2	0.3612	10.25	14.89	58.70	43.81	13.37	48.70	35.33	N	PASS
3	1.2469	10.26	13.72	56.00	42.28	13.00	46.00	33.00	N	PASS
4	3.3493	10.36	15.37	56.00	40.63	14.50	46.00	31.50	N	PASS
5	10.6385	10.45	15.99	60.00	44.01	15.10	50.00	34.90	N	PASS
6	16.3154	10.60	15.26	60.00	44.74	14.42	50.00	35.58	N	PASS