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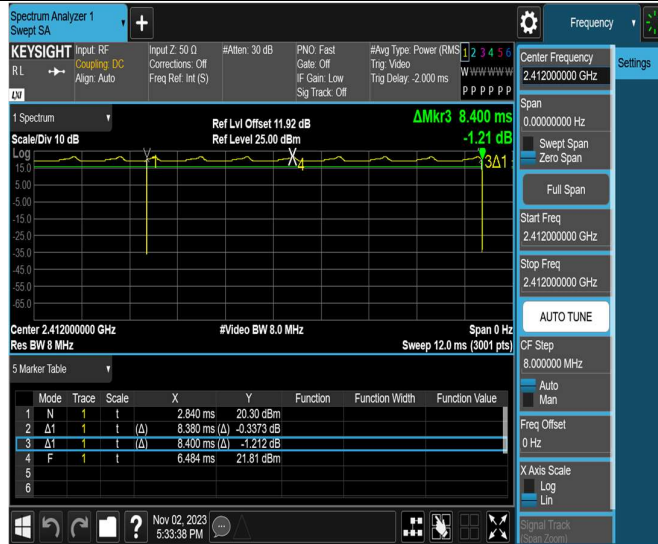
## Appendix G: Duty Cycle

### Test Result

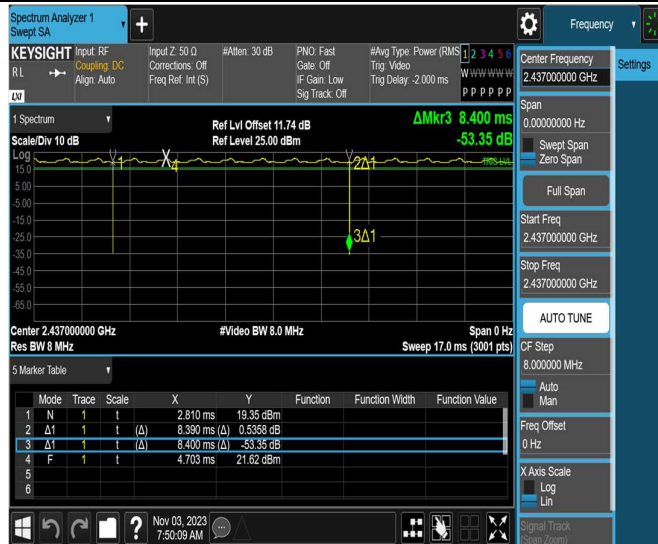
TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11B	Ant1	2412	8.38	8.40	99.76
		2437	8.39	8.40	99.88
		2462	8.39	8.40	99.88
11G	Ant1	2412	1.39	1.40	99.29
		2437	1.39	1.41	98.58
		2462	1.39	1.41	98.58
11N20SISO	Ant1	2412	5.08	5.10	99.61
		2437	5.09	5.11	99.61
		2462	5.09	5.11	99.61
11N40SISO	Ant1	2422	2.47	2.49	99.20
		2437	2.47	2.49	99.20
		2452	2.46	2.48	99.19

# Test Graphs

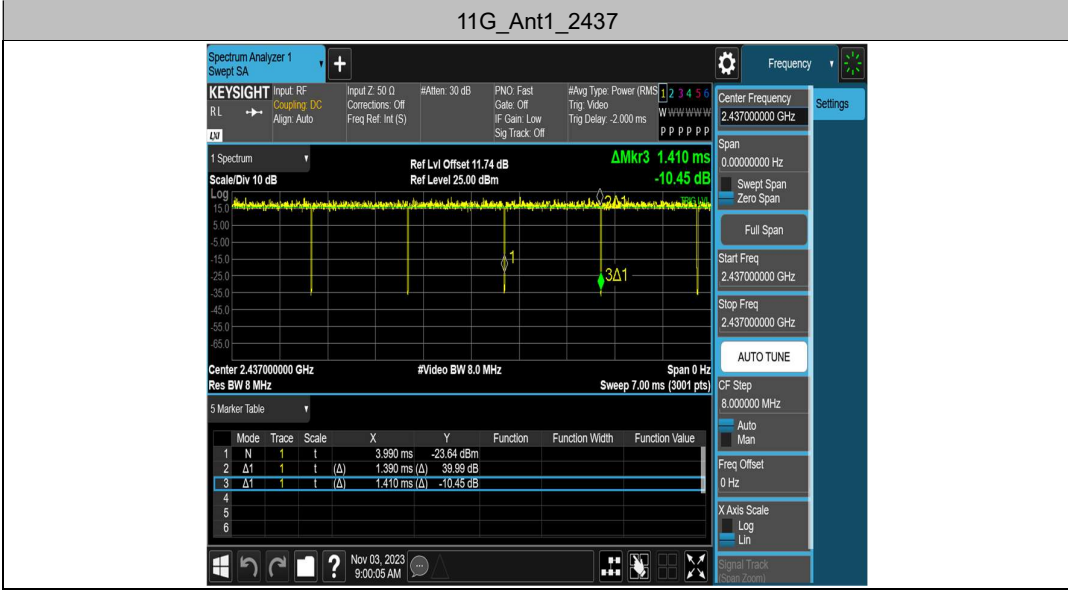
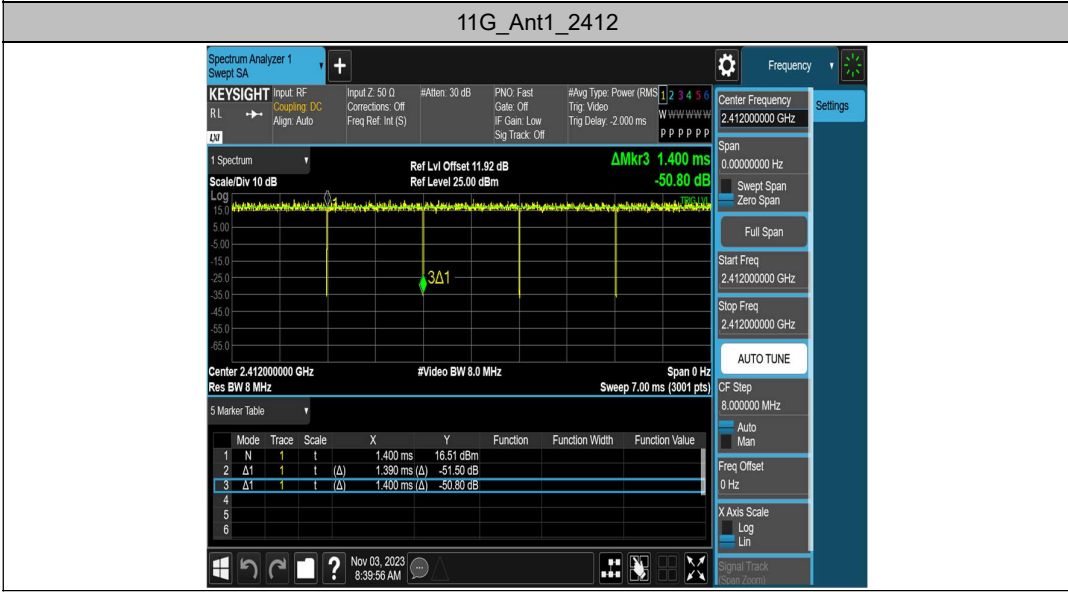
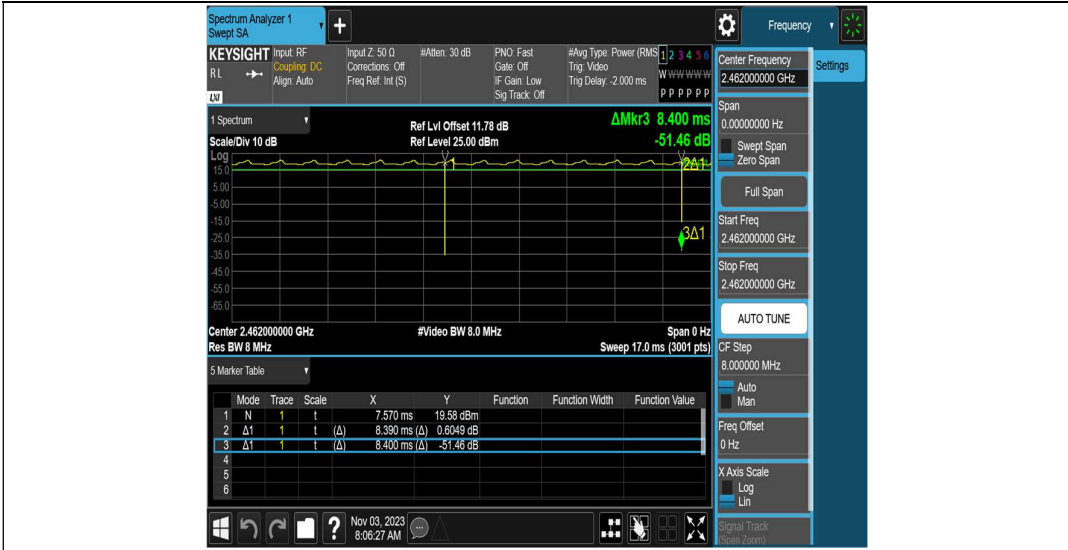
11B\_Ant1\_2412



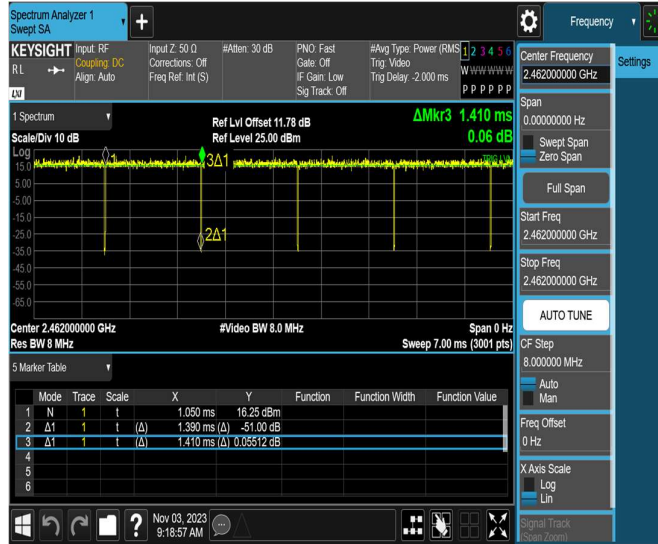
11B\_Ant1\_2437



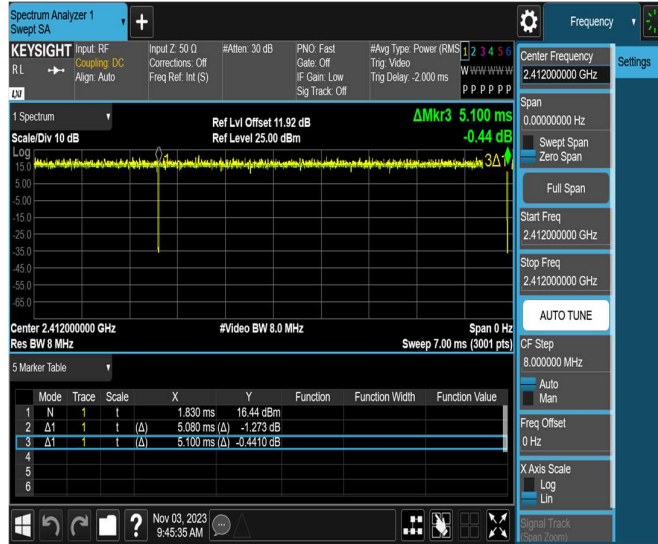
11B\_Ant1\_2462



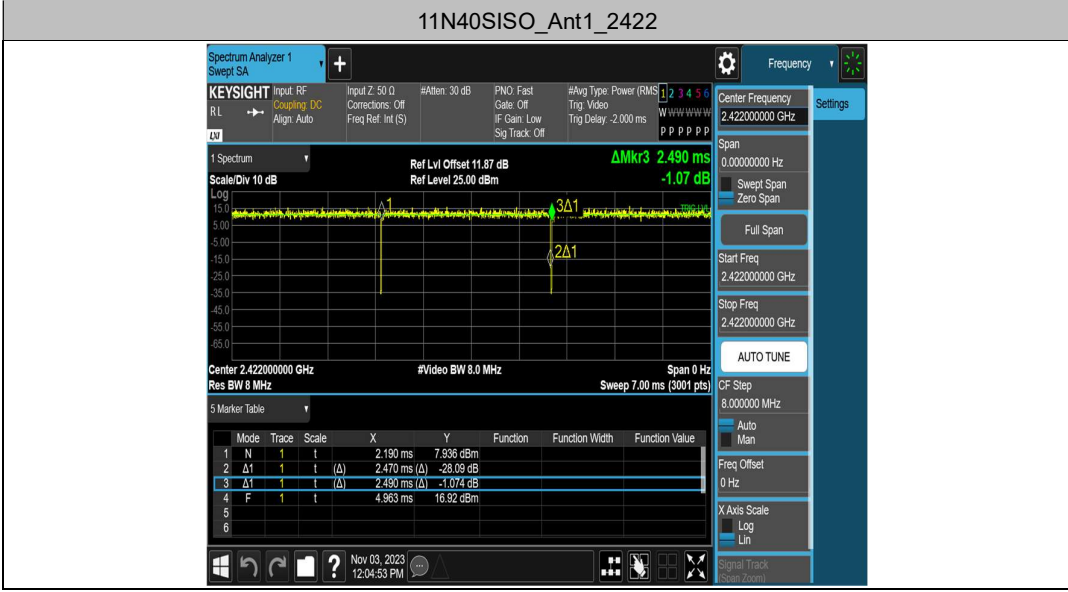
### 11G\_Ant1\_2462



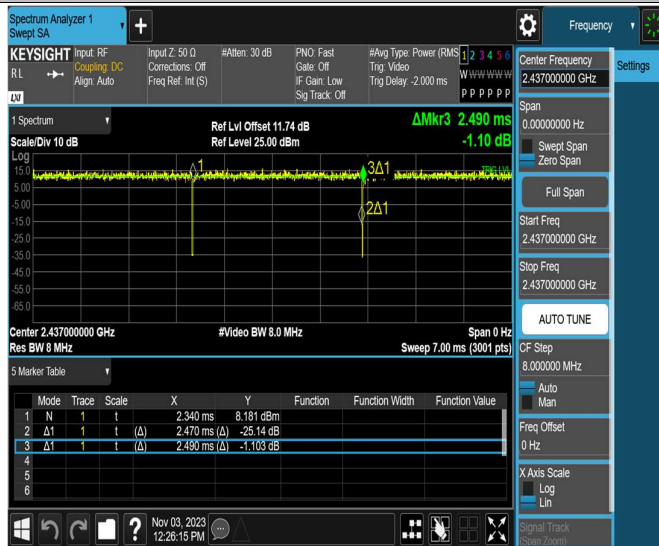
### 11N20SISO\_Ant1\_2412



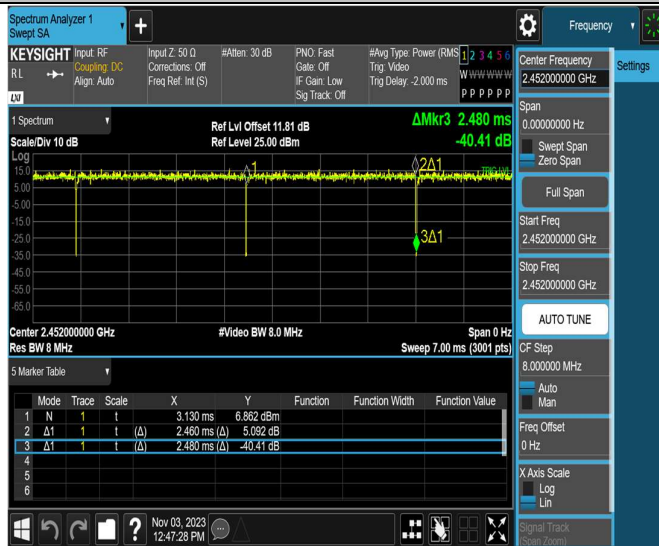
### 11N20SISO\_Ant1\_2437



### 11N40SISO\_Ant1\_2437



### 11N40SISO\_Ant1\_2452



## Appendix H: Emissions in Restricted Bands

### Test Result

Mode:	B-2412
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Final Data List												
NO.	Freq. [MHz]	Factor [dB/m]	PK Value [dB $\mu$ V/m]	PK Limit [dB $\mu$ V/m]	PK Margin [dB]	AV Value [dB $\mu$ V/m]	AV Limit [dB $\mu$ V/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	2310.0000	7.07	47.57	74.00	26.43	45.80	54.00	8.20	150	60	Horizontal	PASS
2	2317.1197	7.13	44.94	74.00	29.06	44.01	54.00	9.99	131.5	68.9	Horizontal	PASS
3	2337.7597	7.20	42.86	74.00	31.14	41.76	54.00	12.24	149.6	70.3	Horizontal	PASS
4	2342.4797	7.27	42.24	74.00	31.76	41.13	54.00	12.87	116.3	71.7	Horizontal	PASS
5	2353.36	7.24	42.34	74.00	31.66	41.19	54.00	12.81	113.9	73.4	Horizontal	PASS
6	2363.5196	7.41	43.37	74.00	30.63	42.43	54.00	11.57	132.2	73	Horizontal	PASS
7	2385.4397	8.18	48.83	74.00	25.17	47.98	54.00	6.02	131.2	230.8	Horizontal	PASS
8	2390.0000	8.38	49.29	74.00	24.71	47.06	54.00	6.94	150	76	Horizontal	PASS

Final Data List												
NO.	Freq. [MHz]	Factor [dB/m]	PK Value [dB $\mu$ V/m]	PK Limit [dB $\mu$ V/m]	PK Margin [dB]	AV Value [dB $\mu$ V/m]	AV Limit [dB $\mu$ V/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	2310.0000	7.07	45.65	74.00	28.35	42.89	54.00	11.11	150	74	Vertical	PASS
2	2320.32	7.18	41.67	74.00	32.33	40.69	54.00	13.31	103.3	146.9	Vertical	PASS
3	2339.6802	7.16	40.02	74.00	33.98	39.00	54.00	15.00	172.3	158.4	Vertical	PASS
4	2354.8003	7.26	40.90	74.00	33.10	40.36	54.00	13.64	149.4	86.5	Vertical	PASS
5	2362.4805	7.42	40.75	74.00	33.25	39.79	54.00	14.21	140.4	87.9	Vertical	PASS
6	2373.2797	7.70	42.04	74.00	31.96	41.10	54.00	12.90	134.1	145.1	Vertical	PASS
7	2386.8798	8.26	46.88	74.00	27.12	46.11	54.00	7.89	146.9	141.6	Vertical	PASS
8	2390.0000	8.38	48.89	74.00	25.11	47.48	54.00	6.52	150	263	Vertical	PASS

Mode:	B-2462
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Final Data List												
NO.	Freq. [MHz]	Factor [dB/m]	PK Value [dB $\mu$ V/m]	PK Limit [dB $\mu$ V/m]	PK Margin [dB]	AV Value [dB $\mu$ V/m]	AV Limit [dB $\mu$ V/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	2483.5000	8.62	49.54	74.00	24.46	47.29	54.00	6.71	150	195	Vertical	PASS
2	2484.3749	8.53	43.16	74.00	30.84	42.14	54.00	11.86	100	102.6	Vertical	PASS
3	2487.1301	8.32	43.49	74.00	30.51	42.47	54.00	11.53	146.5	195.9	Vertical	PASS
4	2488.054	8.21	42.15	74.00	31.85	41.19	54.00	12.81	127.7	148	Vertical	PASS
5	2490.6945	8.33	43.49	74.00	30.51	42.32	54.00	11.68	137.1	93.1	Vertical	PASS
6	2493.9772	8.50	42.39	74.00	31.61	41.33	54.00	12.67	100	101.3	Vertical	PASS
7	2498.2349	8.20	41.23	74.00	32.77	40.29	54.00	13.71	135.6	197.7	Vertical	PASS
8	2500.0000	8.10	48.76	74.00	25.24	45.99	54.00	8.01	150	90	Vertical	PASS

Final Data List												
NO.	Freq. [MHz]	Factor [dB/m]	PK Value [dB $\mu$ V/m]	PK Limit [dB $\mu$ V/m]	PK Margin [dB]	AV Value [dB $\mu$ V/m]	AV Limit [dB $\mu$ V/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	2483.5	8.62	49.71	74.00	24.29	46.34	54.00	7.66	150	220	Horizontal	PASS
2	2488.0375	8.21	51.09	74.00	22.91	47.94	54.00	6.06	150	291	Horizontal	PASS
3	2491.882	8.39	50.41	74.00	23.59	45.85	54.00	8.15	150	80	Horizontal	PASS
4	2494.786	8.45	49.61	74.00	24.39	46.10	54.00	7.90	150	347	Horizontal	PASS
5	2497.195	8.28	50.62	74.00	23.38	45.44	54.00	8.56	150	80	Horizontal	PASS
6	2500	8.10	48.07	74.00	25.93	45.11	54.00	8.89	150	291	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	7.07	46.87	74.00	27.13	44.54	54.00	9.46	150	210	Horizontal	PASS
2	2377.1996	7.88	43.64	74.00	30.36	42.53	54.00	11.47	123.2	94	Horizontal	PASS
3	2381.1999	7.92	47.32	74.00	26.68	46.11	54.00	7.89	126.6	88.5	Horizontal	PASS
4	2385.2005	8.16	50.12	74.00	23.88	48.88	54.00	5.12	129.4	91.9	Horizontal	PASS
5	2388.0803	8.22	51.77	74.00	22.23	50.29	54.00	3.71	128.2	95.5	Horizontal	PASS
6	2389.9993	8.38	53.17	74.00	20.83	51.67	54.00	2.33	127.9	96.8	Horizontal	PASS
7	2389.9999	8.38	52.63	74.00	21.37	51.14	54.00	2.86	180	91.8	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	7.07	44.01	74.00	29.99	42.49	54.00	11.51	150	30	Vertical	PASS
2	2382.8796	8.04	40.05	74.00	33.95	39.05	54.00	14.95	146.6	168.3	Vertical	PASS
3	2385.3595	8.17	41.68	74.00	32.32	40.34	54.00	13.66	100.1	314.6	Vertical	PASS
4	2387.8397	8.22	43.26	74.00	30.74	41.80	54.00	12.20	141.8	313.6	Vertical	PASS
5	2388.8001	8.32	44.16	74.00	29.84	42.88	54.00	11.12	144.4	313.3	Vertical	PASS
6	2389.9997	8.38	43.54	74.00	30.46	42.20	54.00	11.80	174.6	136.4	Vertical	PASS

Mode:	11G-2462
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Final Data List												
NO.	Freq. [MHz]	Factor [dB/m]	PK Value [dB $\mu$ V/m]	PK Limit [dB $\mu$ V/m]	PK Margin [dB]	AV Value [dB $\mu$ V/m]	AV Limit [dB $\mu$ V/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	2483.5008	8.62	47.61	74.00	26.39	46.00	54.00	8.00	129.4	115.5	Horizontal	PASS
2	2483.5494	8.62	53.38	74.00	20.62	51.66	54.00	2.34	127.3	94.6	Horizontal	PASS
3	2484.3414	8.53	49.33	74.00	24.67	47.36	54.00	6.64	140.1	113.8	Horizontal	PASS
4	2484.9353	8.50	50.90	74.00	23.10	49.13	54.00	4.87	124.4	101.8	Horizontal	PASS
5	2487.9546	8.22	47.57	74.00	26.43	45.92	54.00	8.08	146.5	113	Horizontal	PASS
6	2499.9999	8.10	38.73	74.00	35.27	37.75	54.00	16.25	129.3	121.4	Horizontal	PASS

Final Data List												
NO.	Freq. [MHz]	Factor [dB/m]	PK Value [dB $\mu$ V/m]	PK Limit [dB $\mu$ V/m]	PK Margin [dB]	AV Value [dB $\mu$ V/m]	AV Limit [dB $\mu$ V/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	2483.5	8.62	43.29	74.00	30.71	41.85	54.00	12.15	165.3	174.9	Vertical	PASS
2	2484.011	8.55	46.39	74.00	27.61	44.80	54.00	9.20	100	305.5	Vertical	PASS
3	2484.5565	8.52	44.45	74.00	29.55	42.93	54.00	11.07	168.4	172.7	Vertical	PASS
4	2485.0677	8.50	45.82	74.00	28.18	44.12	54.00	9.88	100	303.9	Vertical	PASS
5	2489.028	8.25	39.88	74.00	34.12	38.72	54.00	15.28	171.1	257	Vertical	PASS
6	2499.9993	8.10	38.54	74.00	35.46	37.60	54.00	16.40	171.6	237.9	Vertical	PASS

Mode:	11N-2412
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Final Data List												
NO.	Freq. [MHz]	Factor [dB/m]	PK Value [dB $\mu$ V/m]	PK Limit [dB $\mu$ V/m]	PK Margin [dB]	AV Value [dB $\mu$ V/m]	AV Limit [dB $\mu$ V/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	2310.0008	7.07	39.80	74.00	34.20	38.84	54.00	15.16	116.9	98.4	Horizontal	PASS
2	2370.96	7.52	42.84	74.00	31.16	41.85	54.00	12.15	134.4	98.3	Horizontal	PASS
3	2381.52	7.93	45.43	74.00	28.57	44.44	54.00	9.56	118	86.6	Horizontal	PASS
4	2387.1999	8.25	51.03	74.00	22.97	49.86	54.00	4.14	126.7	89.2	Horizontal	PASS
5	2388.4798	8.28	52.72	74.00	21.28	51.70	54.00	2.30	129.1	92.6	Horizontal	PASS
6	2389.9997	8.38	53.44	74.00	20.56	52.15	54.00	1.85	126.3	97.4	Horizontal	PASS

Final Data List												
NO.	Freq. [MHz]	Factor [dB/m]	PK Value [dB $\mu$ V/m]	PK Limit [dB $\mu$ V/m]	PK Margin [dB]	AV Value [dB $\mu$ V/m]	AV Limit [dB $\mu$ V/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	2310.0008	7.07	37.46	74.00	36.54	36.58	54.00	17.42	141.8	182.2	Vertical	PASS
2	2331.2	7.23	37.58	74.00	36.42	36.60	54.00	17.40	126.5	135.4	Vertical	PASS
3	2383.8403	8.11	41.88	74.00	32.12	40.59	54.00	13.41	100	306.9	Vertical	PASS
4	2387.9999	8.21	43.22	74.00	30.78	42.11	54.00	11.89	167.2	312.7	Vertical	PASS
5	2388.72	8.31	40.69	74.00	33.31	39.75	54.00	14.25	172.3	329.2	Vertical	PASS
6	2389.9996	8.38	45.91	74.00	28.09	44.65	54.00	9.35	116.6	133.6	Vertical	PASS

Mode:	11N20-2462
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Final Data List												
NO.	Freq. [MHz]	Factor [dB/m]	PK Value [dB $\mu$ V/m]	PK Limit [dB $\mu$ V/m]	PK Margin [dB]	AV Value [dB $\mu$ V/m]	AV Limit [dB $\mu$ V/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	2483.5009	8.62	52.41	74.00	21.59	51.02	54.00	2.98	115.1	94.4	Horizontal	PASS
2	2484.341	8.53	43.27	74.00	30.73	41.91	54.00	12.09	123.2	114.8	Horizontal	PASS
3	2484.8361	8.51	50.16	74.00	23.84	48.85	54.00	5.15	114.9	94.6	Horizontal	PASS
4	2485.6448	8.43	47.05	74.00	26.95	45.79	54.00	8.21	142.2	113.8	Horizontal	PASS
5	2488.5323	8.23	39.75	74.00	34.25	38.73	54.00	15.27	100	45	Horizontal	PASS
6	2499.9999	8.10	42.92	74.00	31.08	41.87	54.00	12.13	121.4	90.6	Horizontal	PASS

Final Data List												
NO.	Freq. [MHz]	Factor [dB/m]	PK Value [dB $\mu$ V/m]	PK Limit [dB $\mu$ V/m]	PK Margin [dB]	AV Value [dB $\mu$ V/m]	AV Limit [dB $\mu$ V/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	2483.5001	8.62	44.95	74.00	29.05	43.73	54.00	10.27	174.4	173.6	Vertical	PASS
2	2484.358	8.53	43.36	74.00	30.64	42.00	54.00	12.00	180	351	Vertical	PASS
3	2484.9022	8.50	42.90	74.00	31.10	41.87	54.00	12.13	136.3	205.8	Vertical	PASS
4	2485.8763	8.40	42.62	74.00	31.38	41.43	54.00	12.57	133.5	309.2	Vertical	PASS
5	2486.2393	8.37	40.51	74.00	33.49	39.43	54.00	14.57	171.6	175.9	Vertical	PASS
6	2500	8.10	46.31	74.00	27.69	43.87	54.00	10.13	150	125	Vertical	PASS

Mode:	11N40-2422
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Final Data List												
NO.	Freq. [MHz]	Factor [dB/m]	PK Value [dB $\mu$ V/m]	PK Limit [dB $\mu$ V/m]	PK Margin [dB]	AV Value [dB $\mu$ V/m]	AV Limit [dB $\mu$ V/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	2310	7.07	45.66	74.00	28.34	42.97	54.00	11.03	150	90	Horizontal	PASS
2	2373.4397	7.70	45.70	74.00	28.30	44.66	54.00	9.34	111.3	80.6	Horizontal	PASS
3	2378.4005	7.86	49.39	74.00	24.61	48.23	54.00	5.77	110.1	79.5	Horizontal	PASS
4	2385.0398	8.14	53.58	74.00	20.42	52.07	54.00	1.93	114.8	77.7	Horizontal	PASS
5	2387.8398	8.22	53.82	74.00	20.18	52.33	54.00	1.67	133.3	91.7	Horizontal	PASS
6	2389.9996	8.38	54.66	74.00	19.34	53.62	54.00	0.38	131.5	91.3	Horizontal	PASS

Final Data List												
NO.	Freq. [MHz]	Factor [dB/m]	PK Value [dB $\mu$ V/m]	PK Limit [dB $\mu$ V/m]	PK Margin [dB]	AV Value [dB $\mu$ V/m]	AV Limit [dB $\mu$ V/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	2310	7.07	44.75	74.00	29.25	41.74	54.00	12.26	150	351	Vertical	PASS
2	2382.3198	7.97	43.13	74.00	30.87	42.08	54.00	11.92	100	193.8	Vertical	PASS
3	2384.08	8.12	41.71	74.00	32.29	40.50	54.00	13.50	121.3	200.4	Vertical	PASS
4	2387.0403	8.26	44.96	74.00	29.04	43.41	54.00	10.59	116.9	232.9	Vertical	PASS
5	2388.2401	8.24	45.28	74.00	28.72	43.96	54.00	10.04	115.4	230.9	Vertical	PASS
6	2389.9992	8.38	45.69	74.00	28.31	44.64	54.00	9.36	174.9	151	Vertical	PASS

Mode:	11N40-2452
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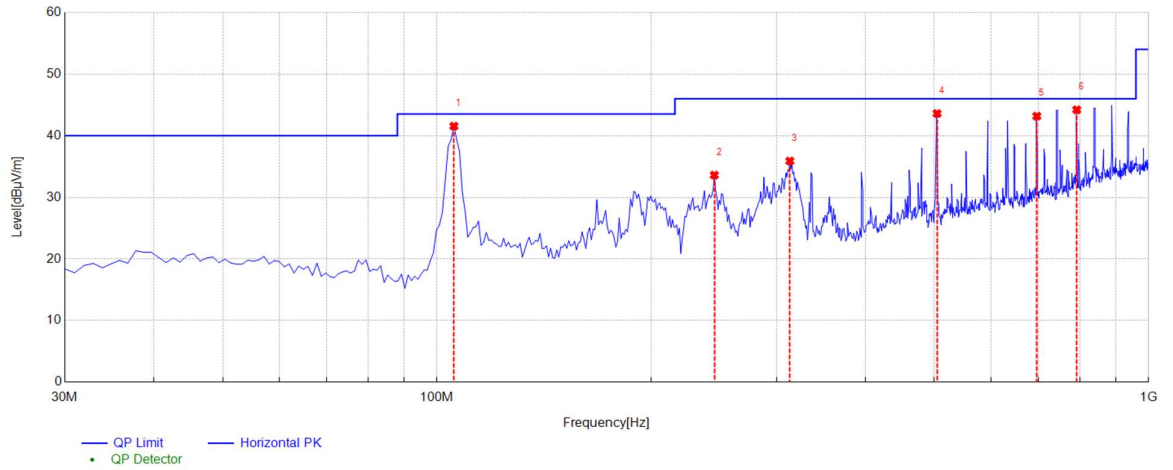
Final Data List												
NO.	Freq. [MHz]	Factor [dB/m]	PK Value [dB $\mu$ V/m]	PK Limit [dB $\mu$ V/m]	PK Margin [dB]	AV Value [dB $\mu$ V/m]	AV Limit [dB $\mu$ V/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	2483.5005	8.62	53.26	74.00	20.74	51.95	54.00	2.05	117.3	74.1	Horizontal	PASS
2	2483.6486	8.60	52.73	74.00	21.27	51.56	54.00	2.44	114.8	72.7	Horizontal	PASS
3	2484.4402	8.53	52.24	74.00	21.76	50.86	54.00	3.14	105.2	71.9	Horizontal	PASS
4	2485.4142	8.46	51.80	74.00	22.20	50.51	54.00	3.49	105.6	76.3	Horizontal	PASS
5	2486.3384	8.37	51.73	74.00	22.27	50.54	54.00	3.46	118.3	75.1	Horizontal	PASS
6	2500	8.10	44.16	74.00	29.84	43.23	54.00	10.77	114.6	88.9	Horizontal	PASS

Final Data List												
NO.	Freq. [MHz]	Factor [dB/m]	PK Value [dB $\mu$ V/m]	PK Limit [dB $\mu$ V/m]	PK Margin [dB]	AV Value [dB $\mu$ V/m]	AV Limit [dB $\mu$ V/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	2483.5002	8.62	47.38	74.00	26.62	46.07	54.00	7.93	143.6	309.7	Vertical	PASS
2	2484.325	8.53	44.52	74.00	29.48	43.24	54.00	10.76	107	312.1	Vertical	PASS
3	2484.8862	8.51	47.30	74.00	26.70	45.66	54.00	8.34	143.1	309.3	Vertical	PASS
4	2486.7174	8.35	46.16	74.00	27.84	44.95	54.00	9.05	143.2	309.3	Vertical	PASS
5	2486.9816	8.34	46.01	74.00	27.99	44.48	54.00	9.52	140.6	309.7	Vertical	PASS
6	2500	8.10	46.35	74.00	27.65	42.87	54.00	11.13	150	296	Vertical	PASS

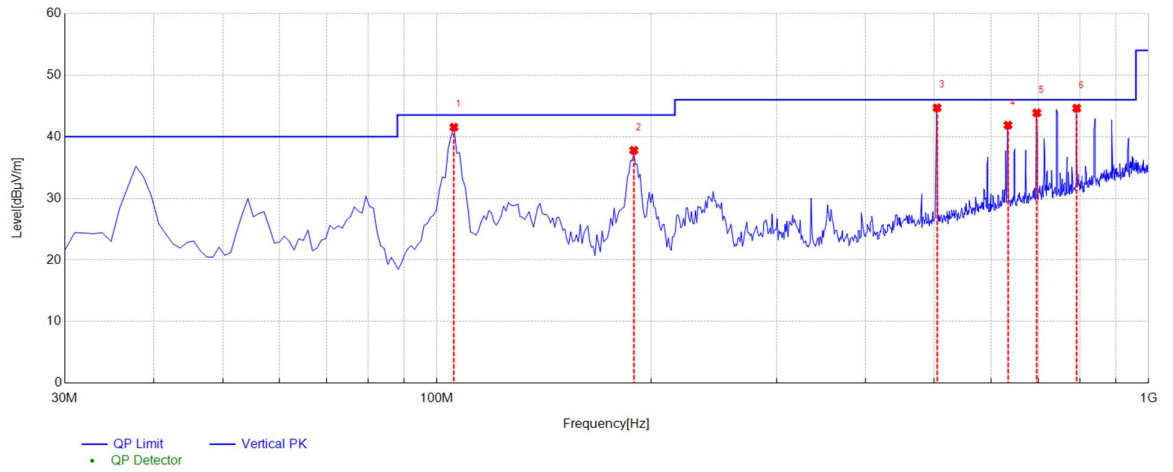
Note:

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	105.660	41.56	-12.30	43.50	1.94	100	26	Horizontal	PASS
2	245.340	33.61	-10.46	46.00	12.39	100	70	Horizontal	PASS
3	313.240	35.89	-8.99	46.00	10.11	100	92	Horizontal	PASS
4	504.330	43.60	-4.14	46.00	2.40	100	59	Horizontal	PASS
5	696.390	43.17	-0.26	46.00	2.83	100	92	Horizontal	PASS
6	792.420	44.20	1.09	46.00	1.80	100	196	Horizontal	PASS



NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	105.660	41.55	-12.30	43.50	1.95	100	231	Vertical	PASS
2	189.080	37.79	-12.18	43.50	5.71	100	92	Vertical	PASS
3	504.330	44.69	-4.14	46.00	1.31	100	53	Vertical	PASS
4	634.310	41.87	-1.42	46.00	4.13	100	226	Vertical	PASS
5	696.390	43.87	-0.26	46.00	2.13	100	178	Vertical	PASS
6	792.420	44.62	1.09	46.00	1.38	100	145	Vertical	PASS



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Mode:	11B-2412
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NO.	Freq. [MHz]	Level [dB $\mu$ V/m]	Factor [dB/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1176	44.00	1.06	74.00	30.00	150	107	Horizontal
2	1514	43.74	1.47	74.00	30.26	150	107	Horizontal
3	4824	44.18	-15.08	74.00	29.82	150	69	Horizontal
4	5715	44.66	-13.17	74.00	29.34	150	295	Horizontal
5	9207	45.24	-8.73	74.00	28.76	150	202	Horizontal
6	12480	47.76	-3.88	74.00	26.24	150	314	Horizontal

NO.	Freq. [MHz]	Level [dB $\mu$ V/m]	Factor [dB/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1272	41.55	1.10	74.00	32.45	150	360	Vertical
2	2004	45.61	6.14	74.00	28.39	150	113	Vertical
3	4731	45.41	-14.84	74.00	28.59	150	292	Vertical
4	6582	46.80	-12.34	74.00	27.20	150	302	Vertical
5	9645	44.86	-8.48	74.00	29.14	150	90	Vertical
6	15156	49.49	-0.71	74.00	24.51	150	0	Vertical

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Mode:	11B-2437
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NO.	Freq. [MHz]	Level [dB $\mu$ V/m]	Factor [dB/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1178	44.40	1.07	74.00	29.60	150	101	Horizontal
2	1512	43.44	1.45	74.00	30.56	150	257	Horizontal
3	4875	45.74	-14.81	74.00	28.26	150	73	Horizontal
4	6780	44.23	-11.90	74.00	29.77	150	95	Horizontal
5	10299	45.66	-7.83	74.00	28.34	150	73	Horizontal
6	15273	50.54	-0.95	74.00	23.46	150	292	Horizontal

NO.	Freq. [MHz]	Level [dB $\mu$ V/m]	Factor [dB/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1176	42.99	1.06	74.00	31.01	150	139	Vertical
2	2014	45.54	6.18	74.00	28.46	150	293	Vertical
3	5271	48.02	-14.03	74.00	25.98	150	33	Vertical
4	6582	45.75	-12.34	74.00	28.25	150	292	Vertical
5	9654	45.47	-8.48	74.00	28.53	150	200	Vertical
6	14334	48.76	-1.20	74.00	25.24	150	308	Vertical

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Mode:	11B-2462
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NO.	Freq. [MHz]	Level [dB $\mu$ V/m]	Factor [dB/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1176	43.96	1.06	74.00	30.04	150	103	Horizontal
2	1514	44.22	1.47	74.00	29.78	150	110	Horizontal
3	4923	46.67	-14.71	74.00	27.33	150	73	Horizontal
4	7914	44.17	-11.09	74.00	29.83	150	219	Horizontal
5	10554	46.28	-7.12	74.00	27.72	150	73	Horizontal
6	14262	49.46	-1.22	74.00	24.54	150	187	Horizontal

NO.	Freq. [MHz]	Level [dB $\mu$ V/m]	Factor [dB/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1360	42.10	1.10	74.00	31.90	150	36	Vertical
2	1990	46.07	6.01	74.00	27.93	150	72	Vertical
3	4923	47.05	-14.71	74.00	26.95	150	246	Vertical
4	6576	46.86	-12.30	74.00	27.14	150	302	Vertical
5	8646	44.96	-9.90	74.00	29.04	150	90	Vertical
6	13770	48.29	-2.35	74.00	25.71	150	166	Vertical

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Mode:	11G-2412
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NO.	Freq. [MHz]	Level [dB $\mu$ V/m]	Factor [dB/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1178	44.48	1.07	74.00	29.52	150	100	Horizontal
2	1512	44.30	1.45	74.00	29.70	150	102	Horizontal
3	4266	42.68	-16.54	74.00	31.32	150	283	Horizontal
4	6429	44.32	-12.48	74.00	29.68	150	105	Horizontal
5	9678	46.71	-8.54	74.00	27.29	150	76	Horizontal
6	16764	50.97	1.43	74.00	23.03	150	73	Horizontal

NO.	Freq. [MHz]	Level [dB $\mu$ V/m]	Factor [dB/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1270	42.20	1.10	74.00	31.80	150	278	Vertical
2	1912	45.76	5.33	74.00	28.24	150	56	Vertical
3	4743	45.12	-14.66	74.00	28.88	150	267	Vertical
4	6573	46.88	-12.28	74.00	27.12	150	289	Vertical
5	8313	44.72	-10.63	74.00	29.28	150	156	Vertical
6	14376	49.03	-1.39	74.00	24.97	150	318	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	1176	44.69	1.06	74.00	29.31	150	102	Horizontal
2	1512	44.34	1.45	74.00	29.66	150	105	Horizontal
3	4872	46.97	-14.87	74.00	27.03	150	158	Horizontal
4	7137	44.66	-12.03	74.00	29.34	150	228	Horizontal
5	8229	45.20	-10.22	74.00	28.80	150	334	Horizontal
6	13272	49.16	-2.97	74.00	24.84	150	4	Horizontal

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1176	42.39	1.06	74.00	31.61	150	134	Vertical
2	2036	45.90	6.29	74.00	28.10	150	11	Vertical
3	3948	43.22	-17.32	74.00	30.78	150	42	Vertical
4	5271	47.41	-14.03	74.00	26.59	150	58	Vertical
5	7098	44.30	-11.47	74.00	29.70	150	45	Vertical
6	10818	47.50	-6.75	74.00	26.50	150	264	Vertical

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Mode:	11G-2462
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NO.	Freq. [MHz]	Level [dB $\mu$ V/m]	Factor [dB/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1176	43.83	1.06	74.00	30.17	150	104	Horizontal
2	1512	44.38	1.45	74.00	29.62	150	104	Horizontal
3	4920	45.05	-14.66	74.00	28.95	150	165	Horizontal
4	6000	45.25	-12.07	74.00	28.75	150	346	Horizontal
5	12096	47.23	-3.82	74.00	26.77	150	184	Horizontal
6	13887	49.34	-2.30	74.00	24.66	150	98	Horizontal

NO.	Freq. [MHz]	Level [dB $\mu$ V/m]	Factor [dB/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1512	41.42	1.45	74.00	32.58	150	239	Vertical
2	2114	46.09	6.52	74.00	27.91	150	302	Vertical
3	4929	45.94	-14.84	74.00	28.06	150	174	Vertical
4	7113	45.17	-11.65	74.00	28.83	150	213	Vertical
5	11382	48.10	-5.89	74.00	25.90	150	149	Vertical
6	17457	52.82	2.25	74.00	21.18	150	10	Vertical

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Mode:	11N-2412
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NO.	Freq. [MHz]	Level [dB $\mu$ V/m]	Factor [dB/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1176	44.84	1.06	74.00	29.16	150	109	Horizontal
2	1514	43.82	1.47	74.00	30.18	150	238	Horizontal
3	5568	45.13	-13.37	74.00	28.87	150	221	Horizontal
4	7116	44.80	-11.70	74.00	29.20	150	44	Horizontal
5	10155	46.49	-7.32	74.00	27.51	150	311	Horizontal
6	12513	48.19	-3.95	74.00	25.81	150	212	Horizontal

NO.	Freq. [MHz]	Level [dB $\mu$ V/m]	Factor [dB/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1580	43.19	2.07	74.00	30.81	150	118	Vertical
2	2026	45.62	6.24	74.00	28.38	150	139	Vertical
3	3954	46.03	-17.28	74.00	27.97	150	44	Vertical
4	4734	45.76	-14.79	74.00	28.24	150	258	Vertical
5	7089	52.89	-11.59	74.00	21.11	150	258	Vertical
6	9129	45.86	-9.70	74.00	28.14	150	89	Vertical

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Mode:	11N-2437
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NO.	Freq. [MHz]	Level [dB $\mu$ V/m]	Factor [dB/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1176	44.36	1.06	74.00	29.64	150	93	Horizontal
2	1826	44.88	4.48	74.00	29.12	150	320	Horizontal
3	4872	46.09	-14.87	74.00	27.91	150	150	Horizontal
4	6045	44.83	-12.93	74.00	29.17	150	128	Horizontal
5	9192	44.97	-8.81	74.00	29.03	150	304	Horizontal
6	12981	48.74	-3.85	74.00	25.26	150	23	Horizontal

NO.	Freq. [MHz]	Level [dB $\mu$ V/m]	Factor [dB/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1360	41.63	1.10	74.00	32.37	150	76	Vertical
2	1796	43.48	4.17	74.00	30.52	150	4	Vertical
3	3939	45.68	-17.18	74.00	28.32	150	151	Vertical
4	5265	46.50	-14.09	74.00	27.50	150	58	Vertical
5	6576	44.57	-12.30	74.00	29.43	150	119	Vertical
6	13551	49.45	-2.24	74.00	24.55	150	49	Vertical



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Mode:	11N-2462
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NO.	Freq. [MHz]	Level [dB $\mu$ V/m]	Factor [dB/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1176	44.46	1.06	74.00	29.54	150	108	Horizontal
2	1512	43.36	1.45	74.00	30.64	150	260	Horizontal
3	4923	46.98	-14.71	74.00	27.02	150	157	Horizontal
4	7092	44.68	-11.55	74.00	29.32	150	20	Horizontal
5	10395	45.66	-7.56	74.00	28.34	150	122	Horizontal
6	14358	49.69	-1.17	74.00	24.31	150	35	Horizontal

NO.	Freq. [MHz]	Level [dB $\mu$ V/m]	Factor [dB/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1316	41.76	1.15	74.00	32.24	150	130	Vertical
2	1818	44.94	4.40	74.00	29.06	150	77	Vertical
3	4923	46.70	-14.71	74.00	27.30	150	245	Vertical
4	8235	44.65	-10.22	74.00	29.35	150	308	Vertical
5	10686	46.54	-7.19	74.00	27.46	150	242	Vertical
6	14373	48.27	-1.35	74.00	25.73	150	318	Vertical

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Mode:	11N40-2422
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NO.	Freq. [MHz]	Level [dB $\mu$ V/m]	Factor [dB/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1178	44.43	1.07	74.00	29.57	150	103	Horizontal
2	1952	44.73	5.53	74.00	29.27	150	282	Horizontal
3	4938	43.69	-15.01	74.00	30.31	150	4	Horizontal
4	7566	44.44	-12.11	74.00	29.56	150	14	Horizontal
5	9177	46.28	-9.11	74.00	27.72	150	144	Horizontal
6	13338	48.98	-3.03	74.00	25.02	150	97	Horizontal

NO.	Freq. [MHz]	Level [dB $\mu$ V/m]	Factor [dB/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1178	42.22	1.07	74.00	31.78	150	300	Vertical
2	1744	48.89	3.57	74.00	25.11	150	26	Vertical
3	5253	44.82	-14.20	74.00	29.18	150	78	Vertical
4	6579	47.41	-12.32	74.00	26.59	150	296	Vertical
5	10035	46.93	-7.78	74.00	27.07	150	342	Vertical
6	13515	49.72	-2.35	74.00	24.28	150	161	Vertical

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Mode:	11N40-2437
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NO.	Freq. [MHz]	Level [dB $\mu$ V/m]	Factor [dB/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1176	45.12	1.06	74.00	28.88	150	105	Horizontal
2	1514	45.99	1.47	74.00	28.01	150	105	Horizontal
3	4515	43.38	-15.87	74.00	30.62	150	200	Horizontal
4	7056	44.77	-12.03	74.00	29.23	150	216	Horizontal
5	8232	45.67	-10.22	74.00	28.33	150	117	Horizontal
6	13833	48.93	-2.37	74.00	25.07	150	120	Horizontal

NO.	Freq. [MHz]	Level [dB $\mu$ V/m]	Factor [dB/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1748	49.79	3.60	74.00	24.21	150	102	Vertical
2	1964	47.75	5.67	74.00	26.25	150	84	Vertical
3	4740	44.34	-14.70	74.00	29.66	150	10	Vertical
4	6588	46.98	-12.38	74.00	27.02	150	266	Vertical
5	9039	45.73	-9.84	74.00	28.27	150	332	Vertical
6	15612	49.63	-0.49	74.00	24.37	150	253	Vertical

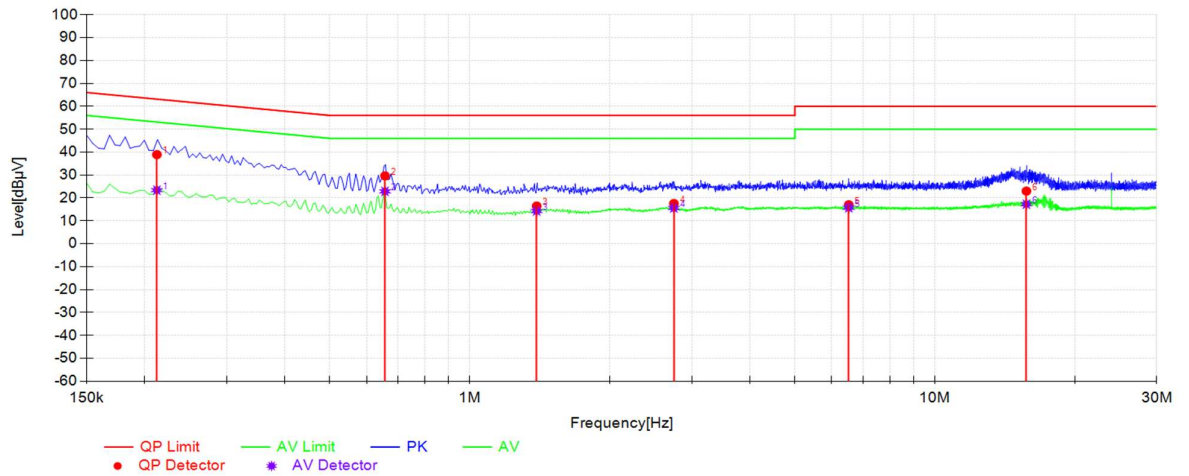
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Mode:	11N40-2452
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NO.	Freq. [MHz]	Level [dB $\mu$ V/m]	Factor [dB/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1178	44.52	1.07	74.00	29.48	150	107	Horizontal
2	1514	44.16	1.47	74.00	29.84	150	112	Horizontal
3	4908	43.78	-14.41	74.00	30.22	150	289	Horizontal
4	6996	44.29	-11.59	74.00	29.71	150	302	Horizontal
5	8727	45.40	-10.25	74.00	28.60	150	43	Horizontal
6	11931	48.08	-4.99	74.00	25.92	150	49	Horizontal

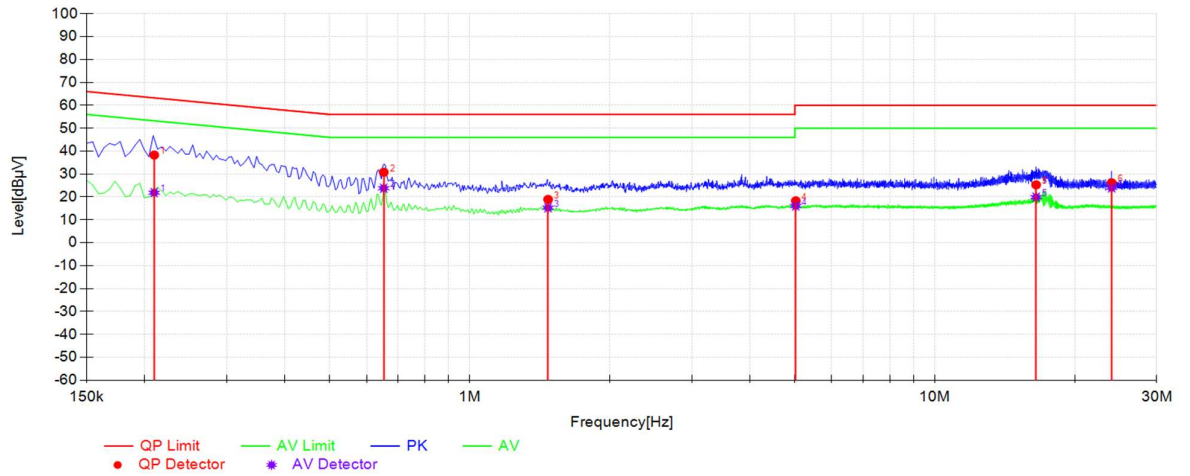
NO.	Freq. [MHz]	Level [dB $\mu$ V/m]	Factor [dB/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1306	41.86	1.18	74.00	32.14	150	48	Vertical
2	2024	45.59	6.23	74.00	28.41	150	76	Vertical
3	3945	44.68	-17.27	74.00	29.32	150	102	Vertical
4	5253	45.05	-14.20	74.00	28.95	150	112	Vertical
5	7092	47.16	-11.55	74.00	26.84	150	271	Vertical
6	15363	49.33	-0.25	74.00	24.67	150	290	Vertical

## Appendix I: Spurious emissions



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	0.2123	10.26	38.92	63.11	24.19	23.38	53.11	29.73	L1	PASS
2	0.6570	10.27	29.66	56.00	26.34	22.86	46.00	23.14	L1	PASS
3	1.3921	10.28	16.47	56.00	39.53	14.29	46.00	31.71	L1	PASS
4	2.7465	10.30	17.58	56.00	38.42	15.60	46.00	30.40	L1	PASS
5	6.5298	10.41	17.03	60.00	42.97	15.72	50.00	34.28	L1	PASS
6	15.7388	10.56	23.00	60.00	37.00	17.26	50.00	32.74	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	0.2095	10.26	38.29	63.23	24.94	21.88	53.23	31.35	N	PASS
2	0.6528	10.27	30.79	56.00	25.21	23.80	46.00	22.20	N	PASS
3	1.4731	10.28	18.92	56.00	37.08	15.28	46.00	30.72	N	PASS
4	5.0231	10.41	18.31	60.00	41.69	16.05	50.00	33.95	N	PASS
5	16.5175	10.59	25.29	60.00	34.71	19.90	50.00	30.10	N	PASS
6	24.0055	10.70	26.17	60.00	33.83	23.98	50.00	26.02	N	PASS