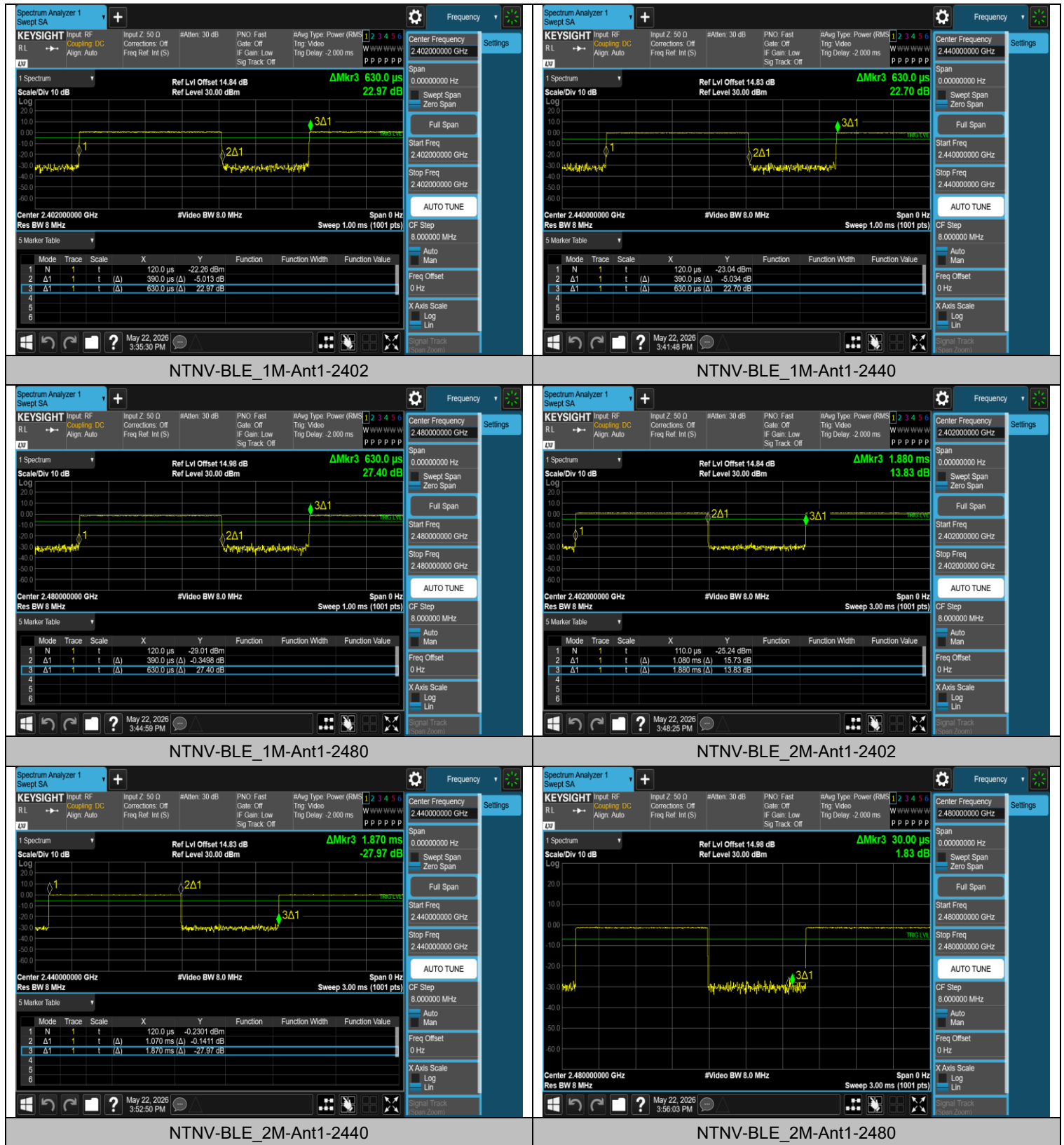


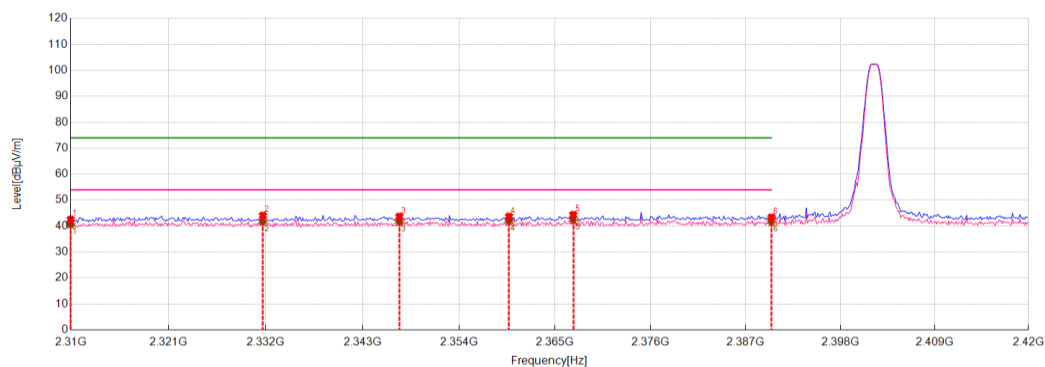
Test Graphs



Appendix H: Emissions in Restricted Bands

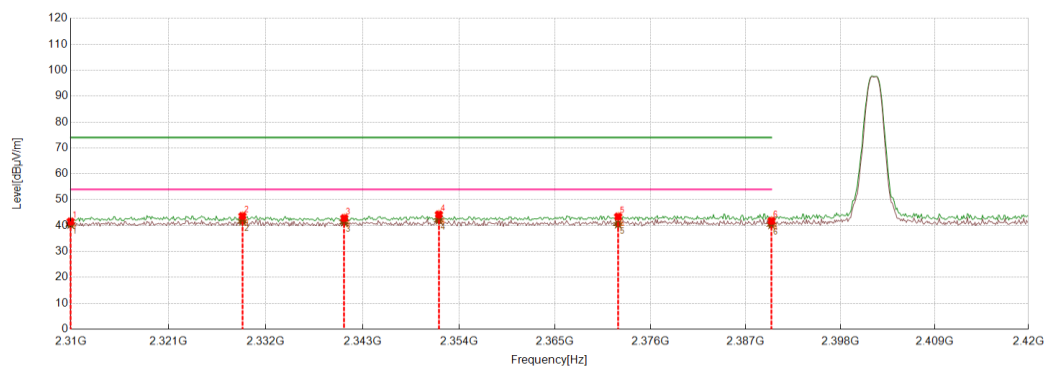
Test Result

Mode:	BLE 1M-2402
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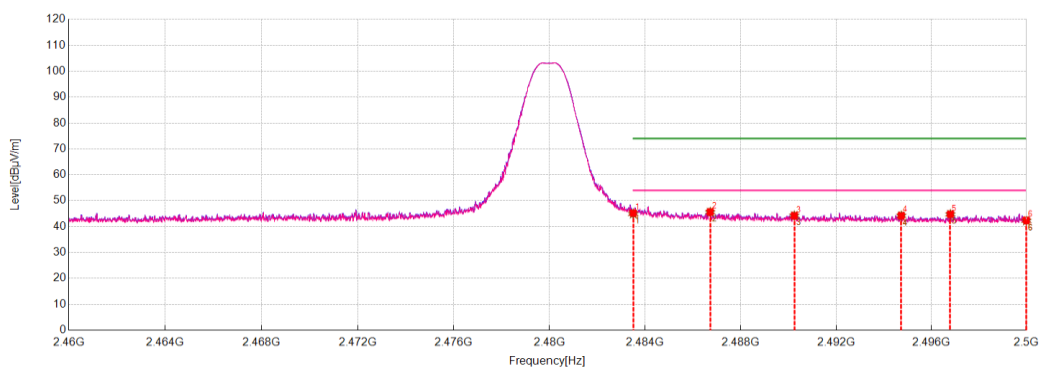
★ PK Detector ★ AV Detector

Final Data List												
NO.	Freq. [MHz]	Factor [dB]	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	2310.0000	4.67	42.56	74.00	31.44	40.62	54.00	13.38	200	105	Horizontal	PASS
2	2331.6700	4.77	44.06	74.00	29.94	41.70	54.00	12.30	100	330	Horizontal	PASS
3	2347.1800	4.94	43.70	74.00	30.30	41.69	54.00	12.31	200	65	Horizontal	PASS
4	2359.7200	4.96	43.70	74.00	30.30	41.88	54.00	12.12	200	118	Horizontal	PASS
5	2367.0900	4.99	44.36	74.00	29.64	42.48	54.00	11.52	100	127	Horizontal	PASS
6	2390.0000	4.95	43.36	74.00	30.64	41.56	54.00	12.44	200	360	Horizontal	PASS



★ PK Detector ★ AV Detector

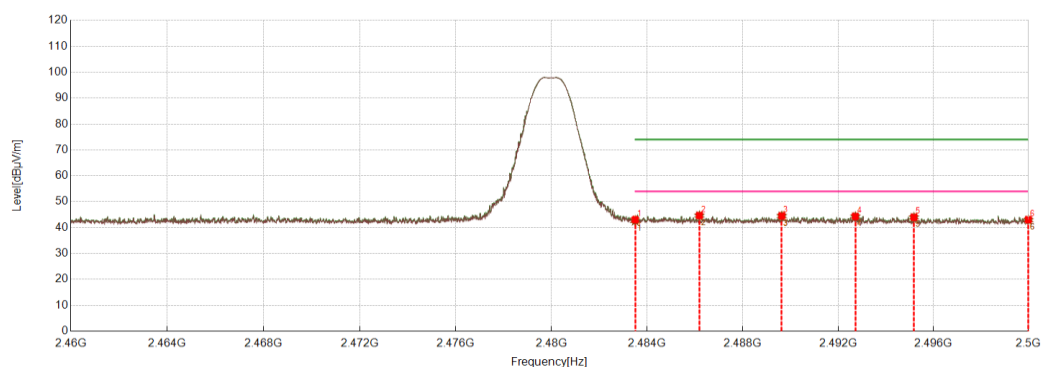
Final Data List												
NO.	Freq. [MHz]	Factor [dB]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	2310.0000	4.67	41.60	74.00	32.40	40.41	54.00	13.59	200	261	Vertical	PASS
2	2329.3600	4.82	43.73	74.00	30.27	41.63	54.00	12.37	200	337	Vertical	PASS
3	2340.9100	4.86	42.91	74.00	31.09	41.31	54.00	12.69	200	83	Vertical	PASS
4	2351.6900	4.98	44.31	74.00	29.69	42.07	54.00	11.93	200	22	Vertical	PASS
5	2372.2600	5.01	43.49	74.00	30.51	40.55	54.00	13.45	200	186	Vertical	PASS
6	2390.0000	4.95	41.85	74.00	32.15	40.31	54.00	13.69	100	344	Vertical	PASS

Mode:
BLE 1M-2480


★ PK Detector ★ AV Detector

Final Data List

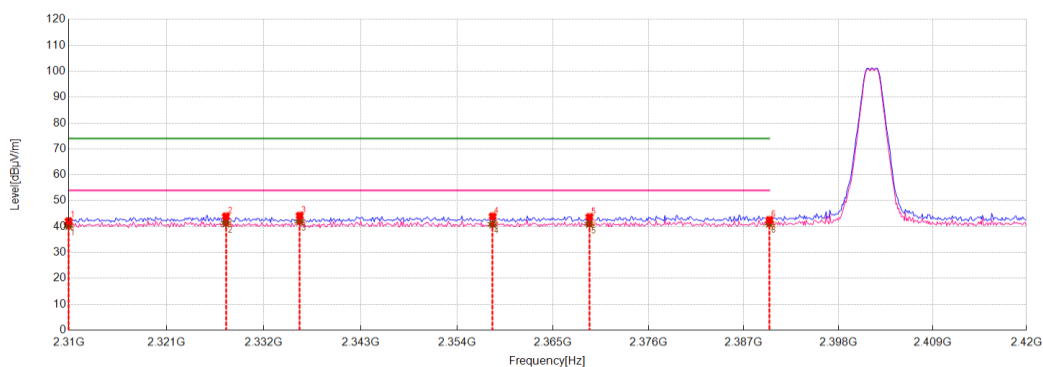
NO.	Freq. [MHz]	Factor [dB]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	2483.5000	5.46	45.24	74.00	28.76	44.84	54.00	9.16	200	54	Horizontal	PASS
2	2486.7226	5.52	45.67	74.00	28.33	45.53	54.00	8.47	100	22	Horizontal	PASS
3	2490.2478	5.57	44.23	74.00	29.77	44.18	54.00	9.82	200	27	Horizontal	PASS
4	2494.7402	5.57	44.25	74.00	29.75	44.12	54.00	9.88	200	187	Horizontal	PASS
5	2496.8026	5.58	44.77	74.00	29.23	44.70	54.00	9.30	100	124	Horizontal	PASS
6	2500.0000	5.50	42.42	74.00	31.58	42.18	54.00	11.82	200	54	Horizontal	PASS



★ PK Detector ★ AV Detector

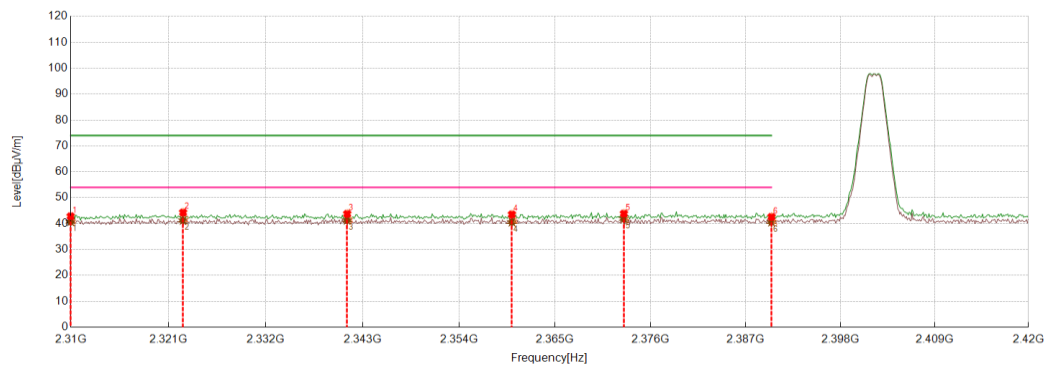
Final Data List												
NO.	Freq. [MHz]	Factor [dB]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	2483.5000	5.46	43.08	74.00	30.92	42.48	54.00	11.52	100	352	Vertical	PASS
2	2486.1871	5.48	44.65	74.00	29.35	44.55	54.00	9.45	100	203	Vertical	PASS
3	2489.6403	5.57	44.56	74.00	29.44	44.41	54.00	9.59	200	173	Vertical	PASS
4	2492.7258	5.57	44.34	74.00	29.66	44.18	54.00	9.82	200	268	Vertical	PASS
5	2495.1879	5.56	44.00	74.00	30.00	43.89	54.00	10.11	200	65	Vertical	PASS
6	2500.0000	5.50	43.03	74.00	30.97	42.81	54.00	11.19	100	288	Vertical	PASS

Mode:	BLE 2M-2402
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★ PK Detector ✱ AV Detector

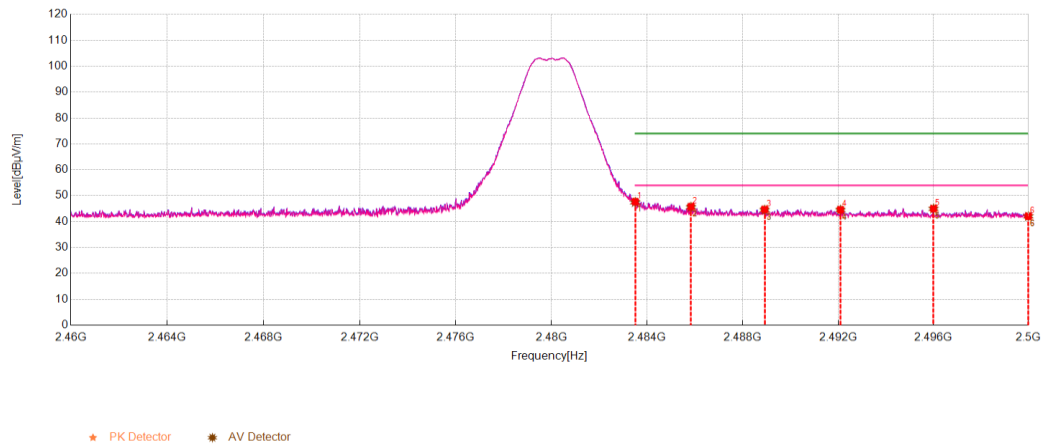
Final Data List												
NO.	Freq. [MHz]	Factor [dB]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	2310.0000	4.67	42.12	74.00	31.88	40.33	54.00	13.67	100	41	Horizontal	PASS
2	2327.7100	4.86	43.95	74.00	30.05	41.34	54.00	12.66	200	236	Horizontal	PASS
3	2336.0700	4.81	44.21	74.00	29.79	42.03	54.00	11.97	200	241	Horizontal	PASS
4	2358.0700	4.95	43.97	74.00	30.03	40.93	54.00	13.07	200	70	Horizontal	PASS
5	2369.1800	5.02	43.68	74.00	30.32	41.07	54.00	12.93	100	113	Horizontal	PASS
6	2390.0000	4.95	42.58	74.00	31.42	41.20	54.00	12.80	100	51	Horizontal	PASS



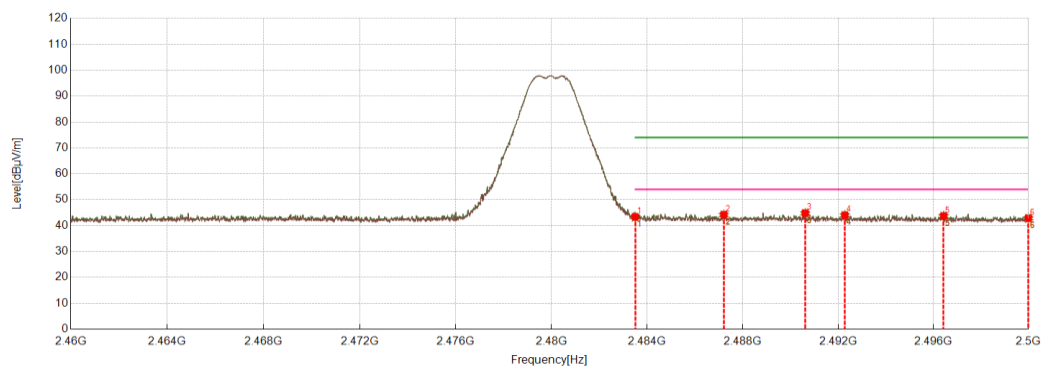
★ PK Detector ★ AV Detector

Final Data List												
NO.	Freq. [MHz]	Factor [dB]	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	2310.0000	4.67	42.82	74.00	31.18	40.73	54.00	13.27	100	50	Vertical	PASS
2	2322.6500	4.87	44.27	74.00	29.73	41.21	54.00	12.79	200	215	Vertical	PASS
3	2341.2400	4.87	43.76	74.00	30.24	41.25	54.00	12.75	200	166	Vertical	PASS
4	2360.0500	4.96	43.54	74.00	30.46	40.55	54.00	13.45	100	243	Vertical	PASS
5	2372.9200	5.01	43.84	74.00	30.16	41.78	54.00	12.22	200	126	Vertical	PASS
6	2390.0000	4.95	42.57	74.00	31.43	40.57	54.00	13.43	200	312	Vertical	PASS

Mode:	2M -2480
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Final Data List												
NO.	Freq. [MHz]	Factor [dB]	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	2483.5000	5.46	47.71	74.00	26.29	47.37	54.00	6.63	200	34	Horizontal	PASS
2	2485.8353	5.48	45.78	74.00	28.22	45.51	54.00	8.49	200	80	Horizontal	PASS
3	2488.9209	5.55	44.69	74.00	29.31	44.37	54.00	9.63	100	115	Horizontal	PASS
4	2492.1023	5.56	44.59	74.00	29.41	44.39	54.00	9.61	200	201	Horizontal	PASS
5	2496.0112	5.56	44.99	74.00	29.01	44.88	54.00	9.12	100	272	Horizontal	PASS
6	2500.0000	5.50	42.07	74.00	31.93	41.99	54.00	12.01	100	238	Horizontal	PASS



★ PK Detector ★ AV Detector

Final Data List												
NO.	Freq. [MHz]	Factor [dB]	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	2483.5000	5.46	43.40	74.00	30.60	43.16	54.00	10.84	100	328	Vertical	PASS
2	2487.2102	5.52	44.18	74.00	29.82	44.07	54.00	9.93	100	320	Vertical	PASS
3	2490.6235	5.56	44.80	74.00	29.20	44.65	54.00	9.35	200	153	Vertical	PASS
4	2492.2862	5.56	43.99	74.00	30.01	43.95	54.00	10.05	100	16	Vertical	PASS
5	2496.4349	5.57	43.69	74.00	30.31	43.60	54.00	10.40	100	88	Vertical	PASS
6	2500.0000	5.50	42.86	74.00	31.14	42.70	54.00	11.30	200	82	Vertical	PASS

Appendix I: Spurious emissions

Test Result

Note:

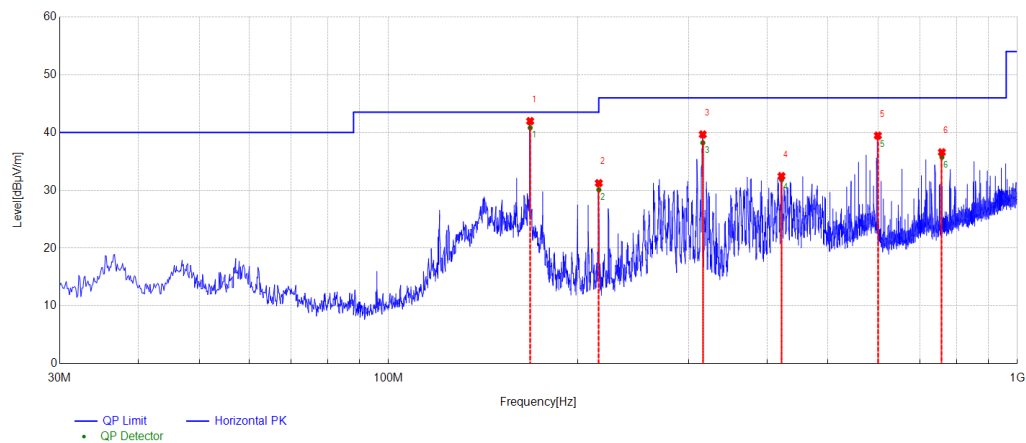
The low frequency, which starts from 9 kHz to 30 MHz, is pre-scanned and the result which is 20 dB lower than the limit line is not reported.

During the test, the Radiates Emission from 30MHz to 1GHz was performed in all modes with all channels. The test data of the worst-case (1M-2402MHz) condition was recorded in this report. The measurement results above 18GHz were greater than 20dB below the limit, so only the radiated spurious emissions from 30MHz to 18GHz are reported.

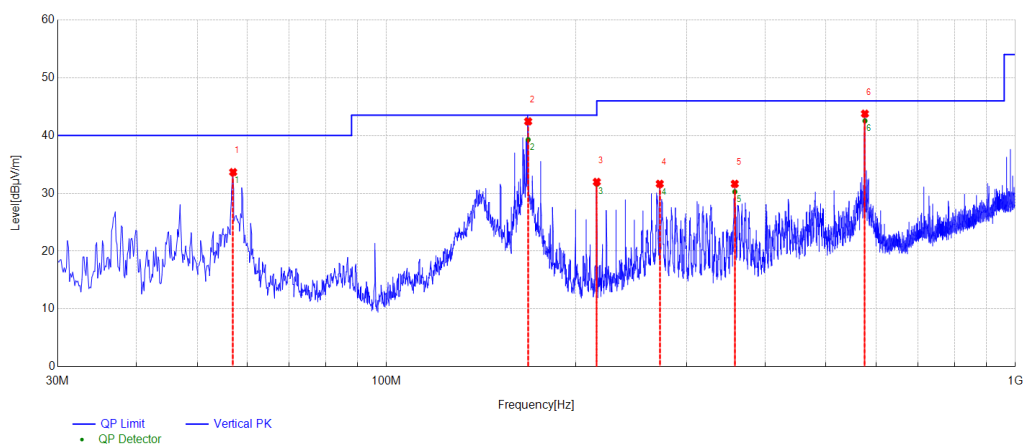
After the pretest, 115C Antenna was selected as the worst antenna and recorded in the report.

Antenna: 115C

30MHz~1GHz



QP Final Data List									
NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	167.9825	-16.22	40.82	43.50	2.68	100	265	Horizontal	PASS
2	215.9975	-19.12	30.10	43.50	13.40	100	290	Horizontal	PASS
3	316.0288	-15.30	38.22	46.00	7.78	100	182	Horizontal	PASS
4	421.6375	-12.81	31.84	46.00	14.16	100	283	Horizontal	PASS
5	599.9962	-8.83	39.28	46.00	6.72	100	55	Horizontal	PASS
6	758.4700	-5.47	35.73	46.00	10.27	100	295	Horizontal	PASS

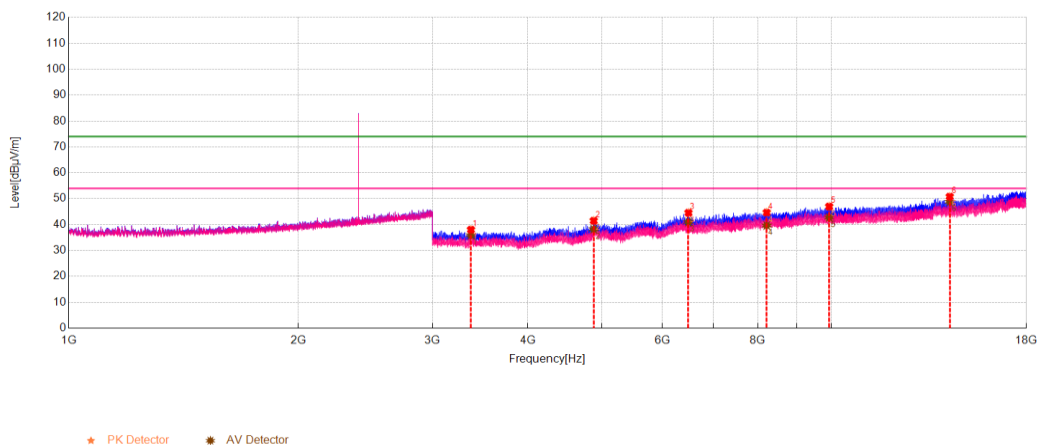

QP Final Data List

NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	57.0388	-16.62	33.51	40.00	6.49	100	116	Vertical	PASS
2	167.9825	-16.22	39.28	43.50	4.22	100	208	Vertical	PASS
3	215.9975	-19.12	31.57	43.50	11.93	100	183	Vertical	PASS
4	272.0150	-16.84	31.49	46.00	14.51	100	141	Vertical	PASS
5	357.9812	-14.70	30.28	46.00	15.72	100	332	Vertical	PASS
6	576.4738	-9.25	42.53	46.00	3.47	100	111	Vertical	PASS

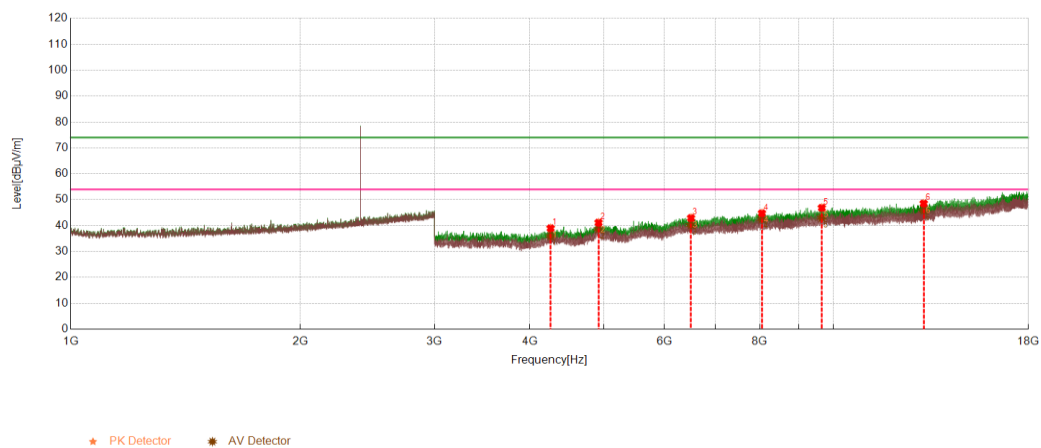
Antenna: 115C

1-18GHz

Mode:	BLE 1M-2402
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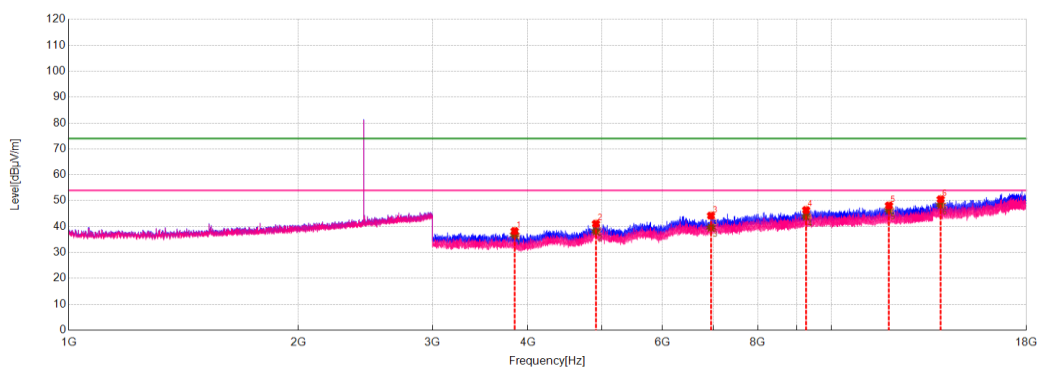


Final Data List												
NO.	Freq. [MHz]	Factor [dB]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	3367.5000	-19.96	38.01	74.00	35.99	35.89	54.00	18.11	150	267	Horizontal	PASS
2	4877.5000	-14.13	41.47	74.00	32.53	38.20	54.00	15.80	150	334	Horizontal	PASS
3	6492.0000	-9.83	44.54	74.00	29.46	40.96	54.00	13.04	150	296	Horizontal	PASS
4	8222.0000	-7.11	44.64	74.00	29.36	39.61	54.00	14.39	150	8	Horizontal	PASS
5	9927.0000	-4.28	46.96	74.00	27.04	42.71	54.00	11.29	150	43	Horizontal	PASS
6	14283.0000	1.51	50.78	74.00	23.22	48.81	54.00	5.19	150	325	Horizontal	PASS



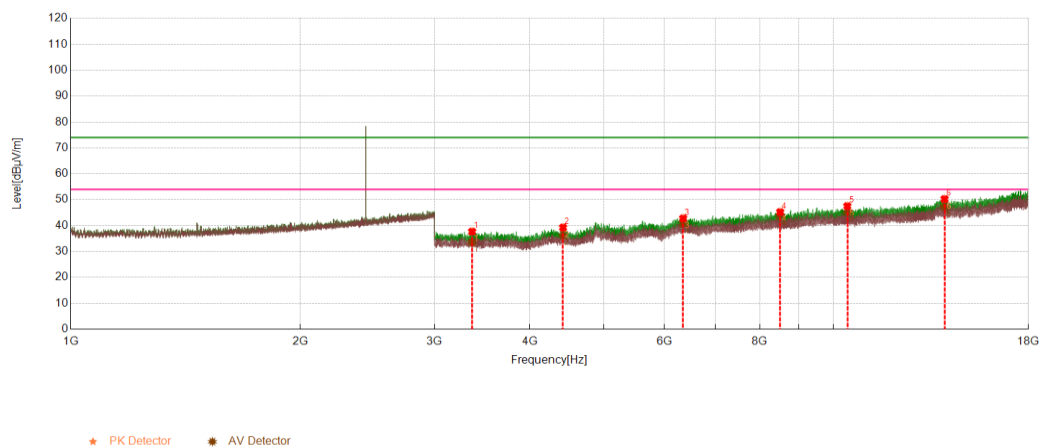
Final Data List												
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1	4257.0000	-17.00	38.97	74.00	35.03	35.94	54.00	18.06	150	97	Vertical	PASS
2	4919.5000	-13.49	41.12	74.00	32.88	38.69	54.00	15.31	150	247	Vertical	PASS
3	6503.5000	-10.22	42.92	74.00	31.08	40.19	54.00	13.81	150	126	Vertical	PASS
4	8054.5000	-7.99	44.77	74.00	29.23	42.55	54.00	11.45	150	176	Vertical	PASS
5	9651.5000	-4.73	46.84	74.00	27.16	43.02	54.00	10.98	150	32	Vertical	PASS
6	13125.0000	0.05	48.54	74.00	25.46	45.83	54.00	8.17	150	360	Vertical	PASS

Mode:	BLE 1M-2440
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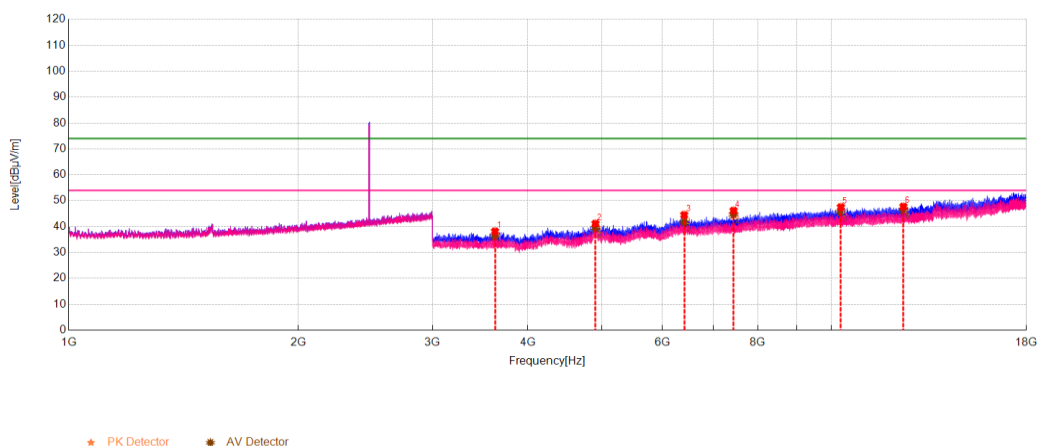
★ PK Detector ✱ AV Detector

Final Data List												
NO.	Freq. [MHz]	Factor [dB]	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	3842.0000	-17.47	38.29	74.00	35.71	36.71	54.00	17.29	150	102	Horizontal	PASS
2	4911.0000	-13.14	41.10	74.00	32.90	38.18	54.00	15.82	150	252	Horizontal	PASS
3	6948.5000	-9.76	44.22	74.00	29.78	39.61	54.00	14.39	150	175	Horizontal	PASS
4	9261.0000	-4.52	46.40	74.00	27.60	43.85	54.00	10.15	150	358	Horizontal	PASS
5	11891.0000	-1.56	48.14	74.00	25.86	46.34	54.00	7.66	150	102	Horizontal	PASS
6	13897.5000	0.64	50.56	74.00	23.44	48.36	54.00	5.64	150	304	Horizontal	PASS

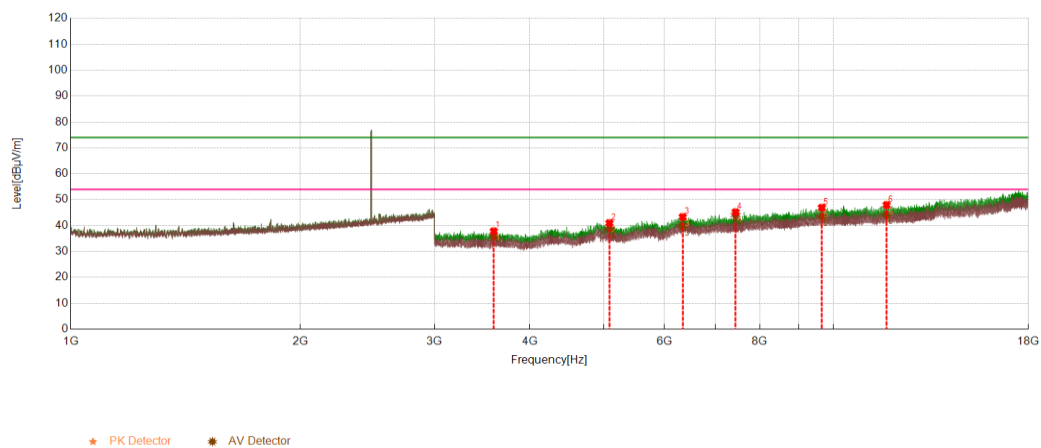


Final Data List												
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1	3358.5000	-20.10	37.67	74.00	36.33	33.55	54.00	20.45	150	104	Vertical	PASS
2	4419.5000	-16.13	39.25	74.00	34.75	36.22	54.00	17.78	150	133	Vertical	PASS
3	6350.5000	-10.17	42.78	74.00	31.22	40.96	54.00	13.04	150	265	Vertical	PASS
4	8511.5000	-7.55	45.23	74.00	28.77	43.83	54.00	10.17	150	66	Vertical	PASS
5	10423.0000	-3.94	47.52	74.00	26.48	45.29	54.00	8.71	150	32	Vertical	PASS
6	13977.5000	1.28	50.26	74.00	23.74	47.36	54.00	6.64	150	81	Vertical	PASS

Mode:	BLE 1M-2480
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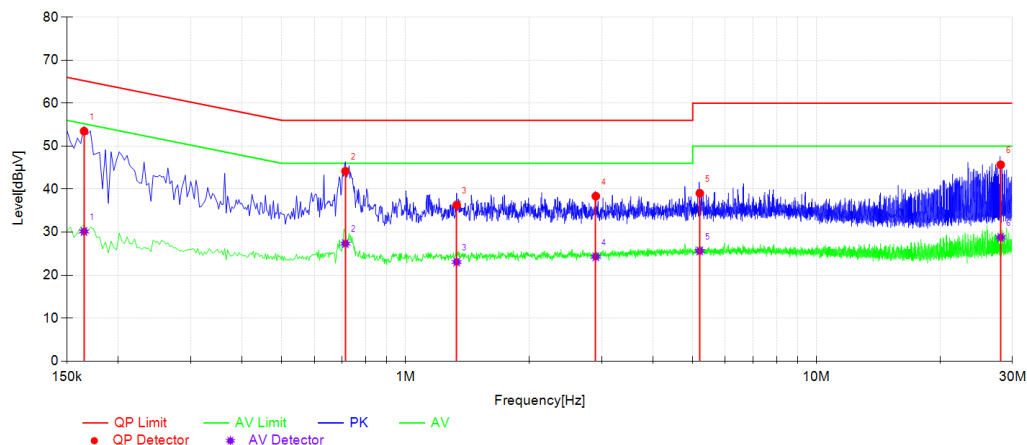
Final Data List												
NO.	Freq. [MHz]	Factor [dB]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	3621.0000	-19.51	38.15	74.00	35.85	36.32	54.00	17.68	150	114	Horizontal	PASS
2	4903.5000	-13.38	41.14	74.00	32.86	39.41	54.00	14.59	150	297	Horizontal	PASS
3	6409.0000	-10.45	44.51	74.00	29.49	41.77	54.00	12.23	150	316	Horizontal	PASS
4	7440.0000	-8.89	46.16	74.00	27.84	44.56	54.00	9.44	150	345	Horizontal	PASS
5	10285.0000	-3.72	47.52	74.00	26.48	45.67	54.00	8.33	150	360	Horizontal	PASS
6	12421.0000	-1.30	47.73	74.00	26.27	46.60	54.00	7.40	150	42	Horizontal	PASS



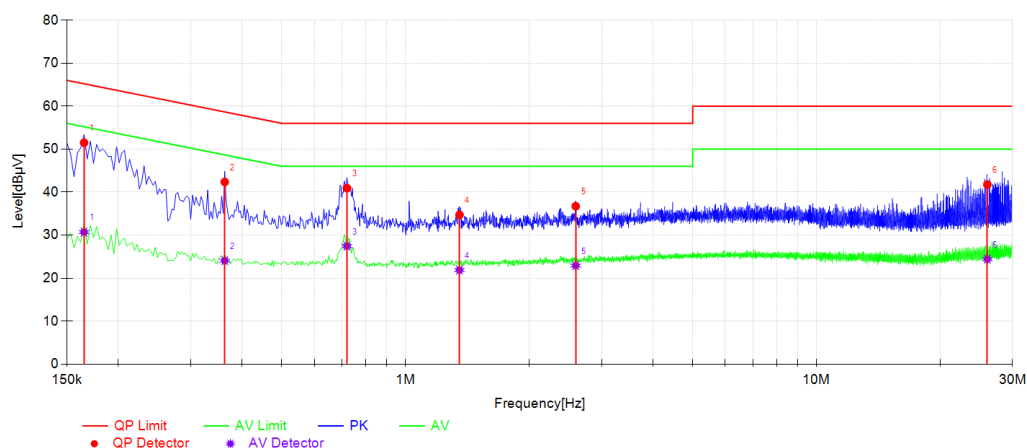
Final Data List												
NO.	Freq. [MHz]	Factor [dB]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	3586.5000	-19.33	37.82	74.00	36.18	35.73	54.00	18.27	150	312	Vertical	PASS
2	5084.0000	-12.97	40.99	74.00	33.01	38.84	54.00	15.16	150	303	Vertical	PASS
3	6342.0000	-10.36	43.34	74.00	30.66	39.75	54.00	14.25	150	257	Vertical	PASS
4	7440.0000	-8.89	45.19	74.00	28.81	44.09	54.00	9.91	150	166	Vertical	PASS
5	9652.5000	-4.73	46.91	74.00	27.09	43.53	54.00	10.47	150	336	Vertical	PASS
6	11735.0000	-2.26	47.97	74.00	26.03	44.19	54.00	9.81	150	346	Vertical	PASS

Appendix J: Conducted emission

Test Result



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	0.165	10.28	53.49	65.21	11.72	30.15	55.21	25.06	L1	PASS
2	0.714	10.26	44.17	56.00	11.83	27.34	46.00	18.66	L1	PASS
3	1.332	10.33	36.30	56.00	19.70	23.07	46.00	22.93	L1	PASS
4	2.904	10.29	38.36	56.00	17.64	24.28	46.00	21.72	L1	PASS
5	5.202	10.35	39.04	60.00	20.96	25.63	50.00	24.37	L1	PASS
6	28.087	10.79	45.68	60.00	14.32	28.78	50.00	21.22	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	0.165	10.35	51.51	65.21	13.70	30.72	55.21	24.49	N	PASS
2	0.363	10.30	42.38	58.66	16.28	24.07	48.66	24.59	N	PASS
3	0.72	10.26	40.92	56.00	15.08	27.45	46.00	18.55	N	PASS
4	1.353	10.30	34.73	56.00	21.27	21.89	46.00	24.11	N	PASS
5	2.595	10.39	36.74	56.00	19.26	22.94	46.00	23.06	N	PASS
6	26.071	10.76	41.78	60.00	18.22	24.42	50.00	25.58	N	PASS