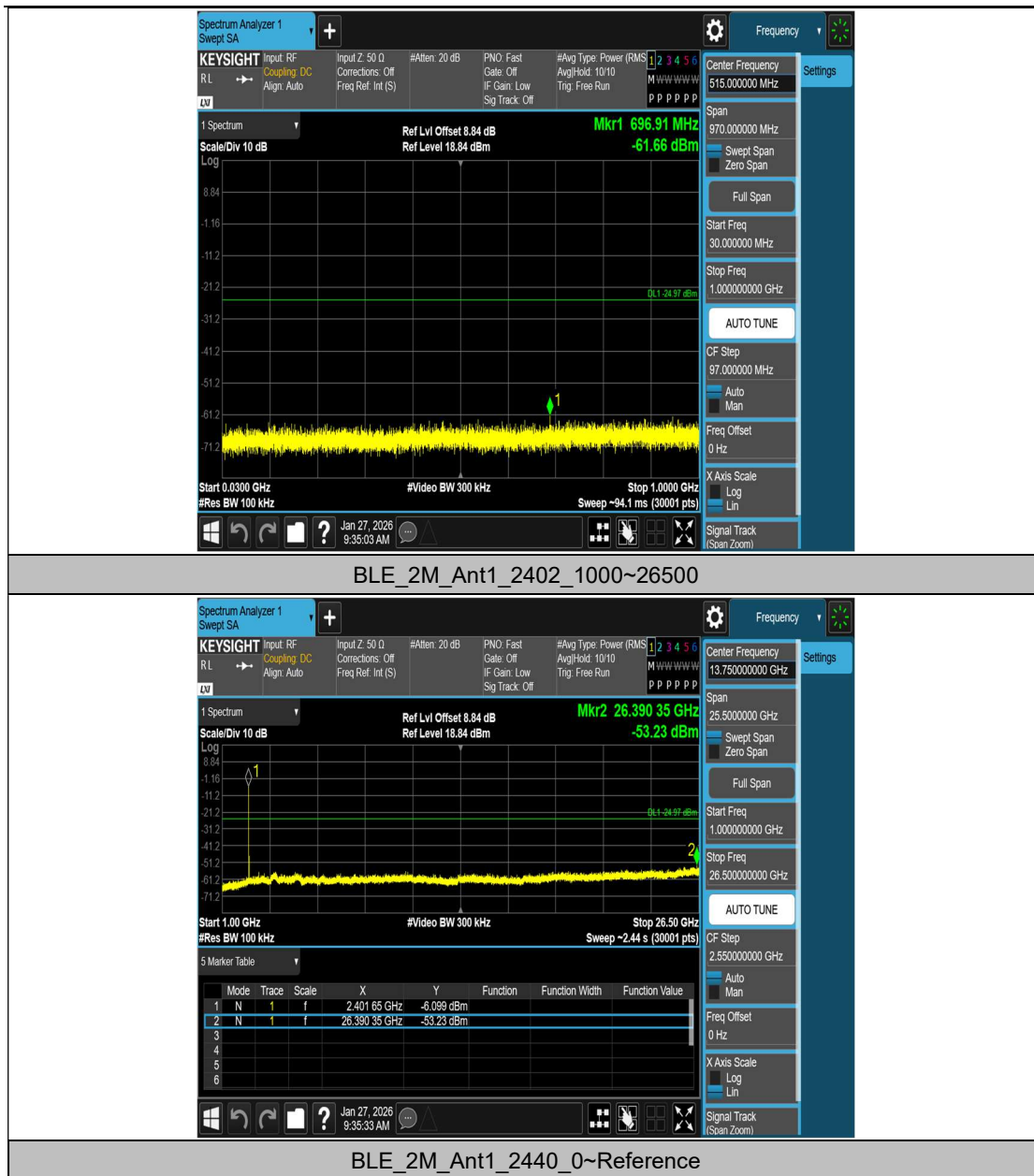
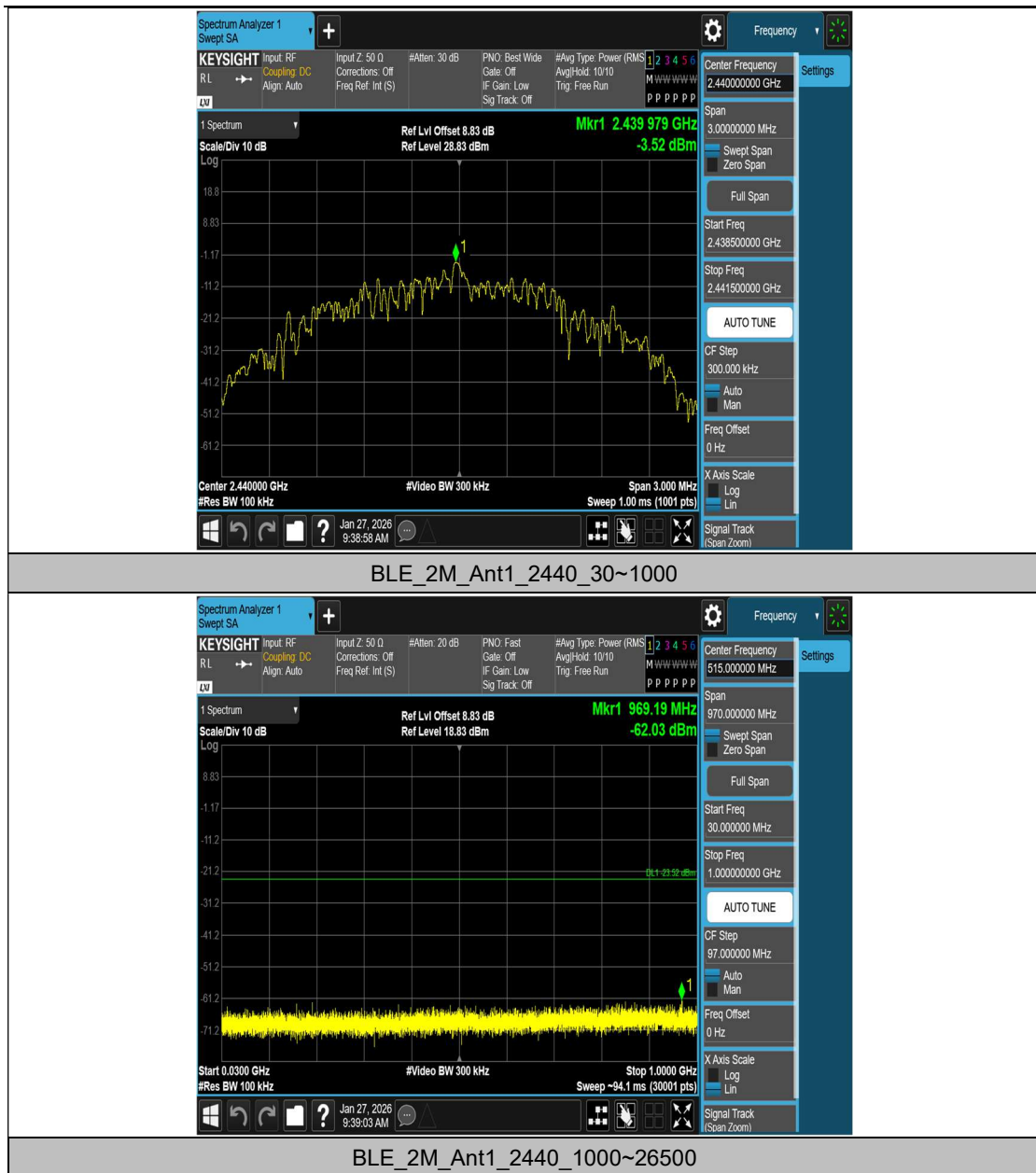
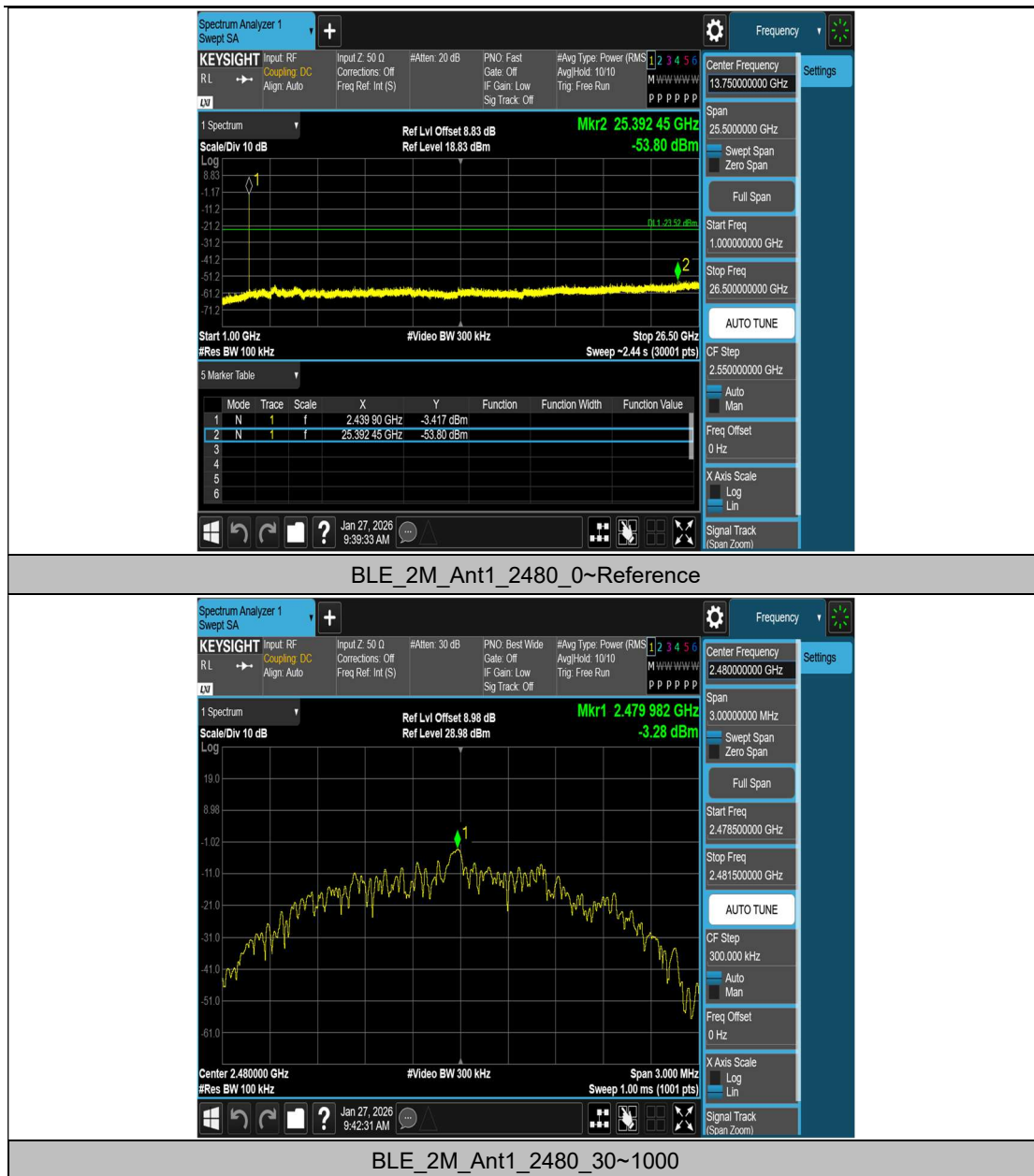
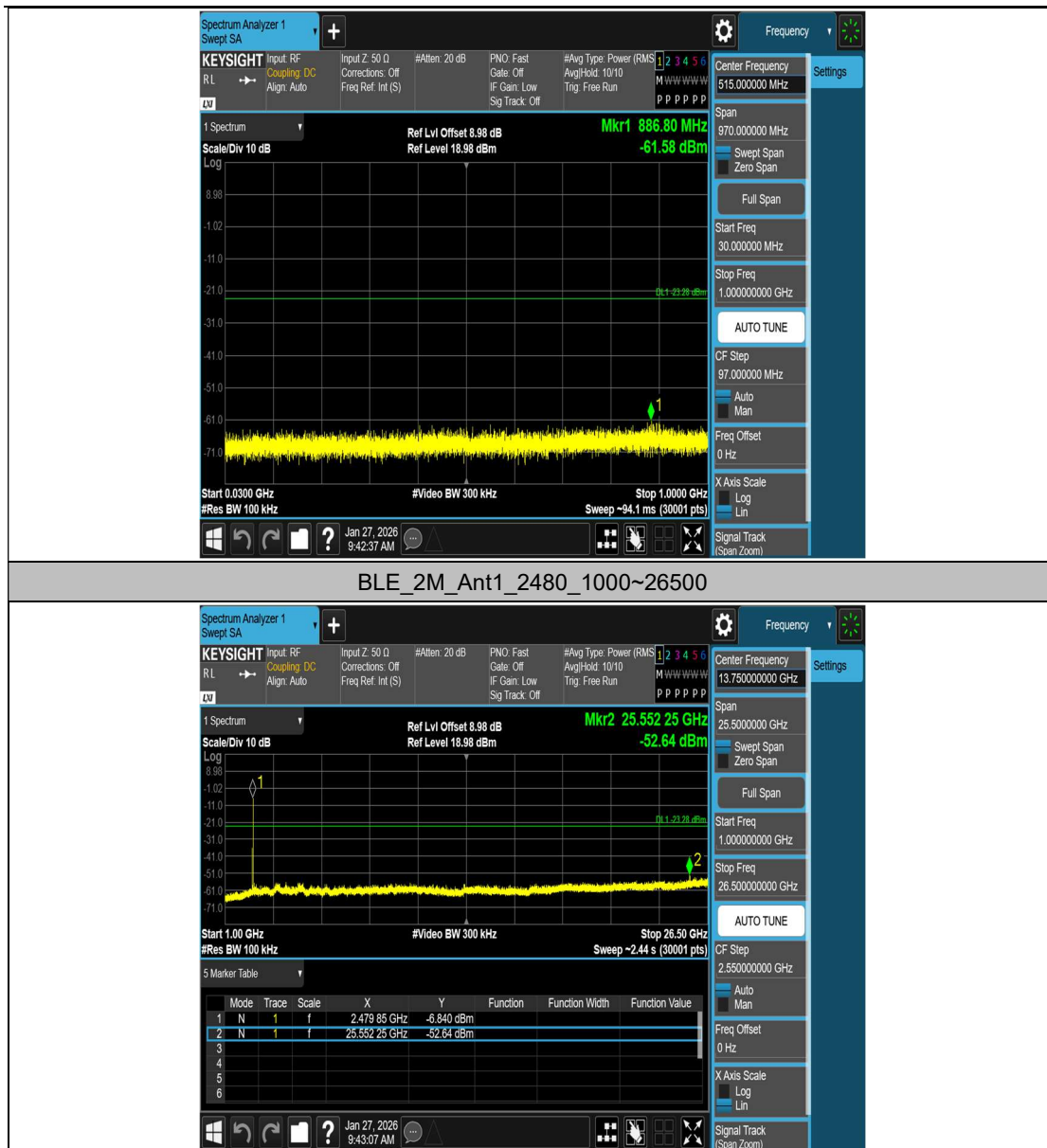










Appendix G: Duty Cycle

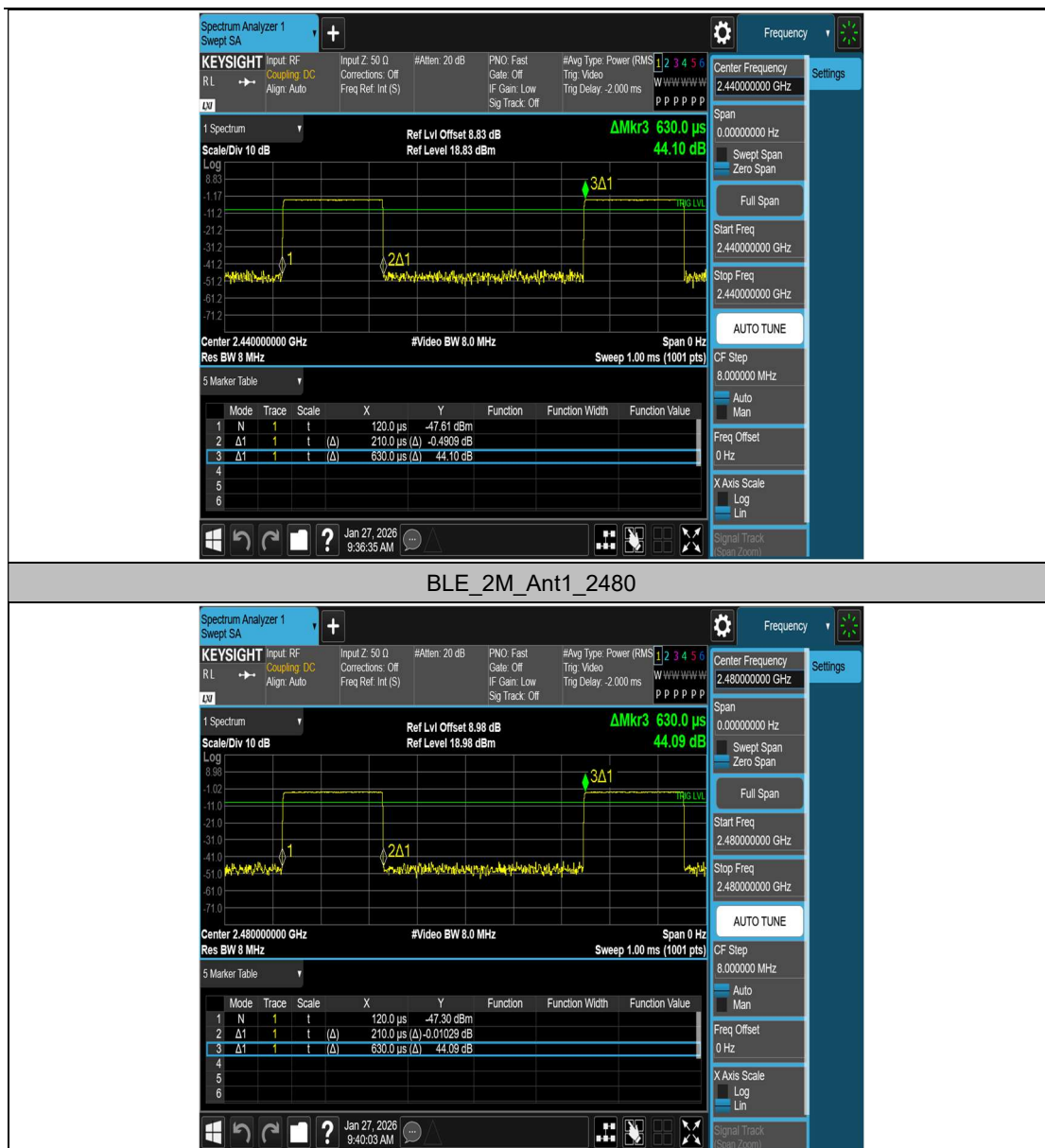
Test Result

TestMode	Antenna	Channel	ON Time [ms]	Period [ms]	X	DC [%]
BLE_1M	Ant1	2402	0.40	0.63	0.6349	63.49
		2440	0.39	0.63	0.6190	61.90
		2480	0.40	0.63	0.6349	63.49
BLE_2M	Ant1	2402	0.21	0.63	0.3333	33.33
		2440	0.21	0.63	0.3333	33.33
		2480	0.21	0.63	0.3333	33.33

Test Graphs

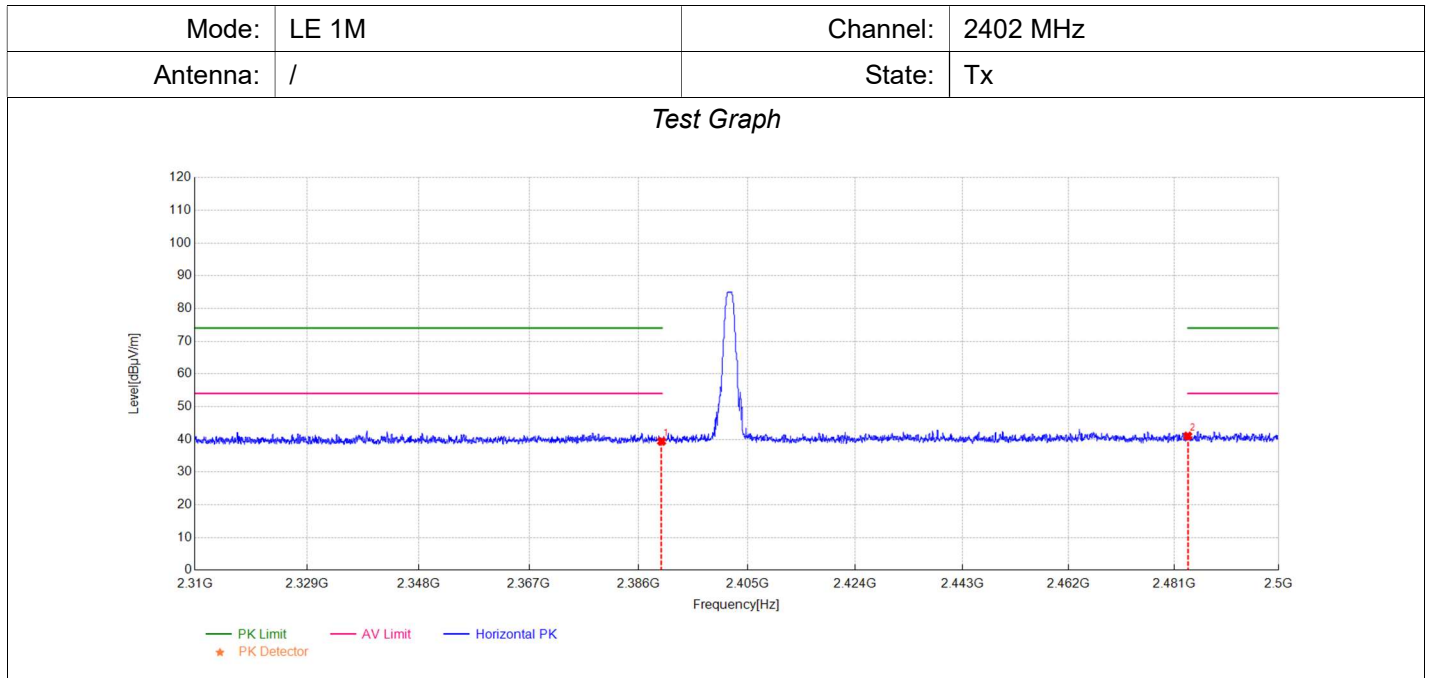






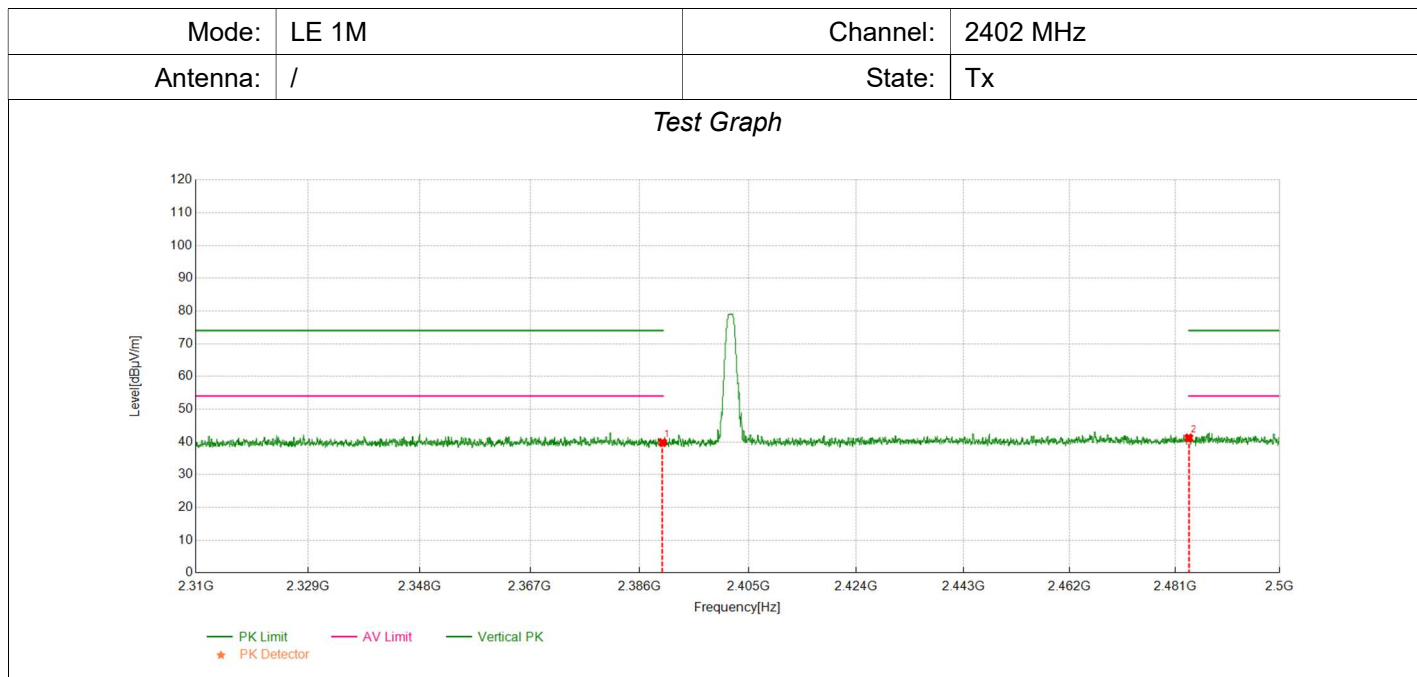
Appendix H: Emissions in Restricted Bands

Test Result

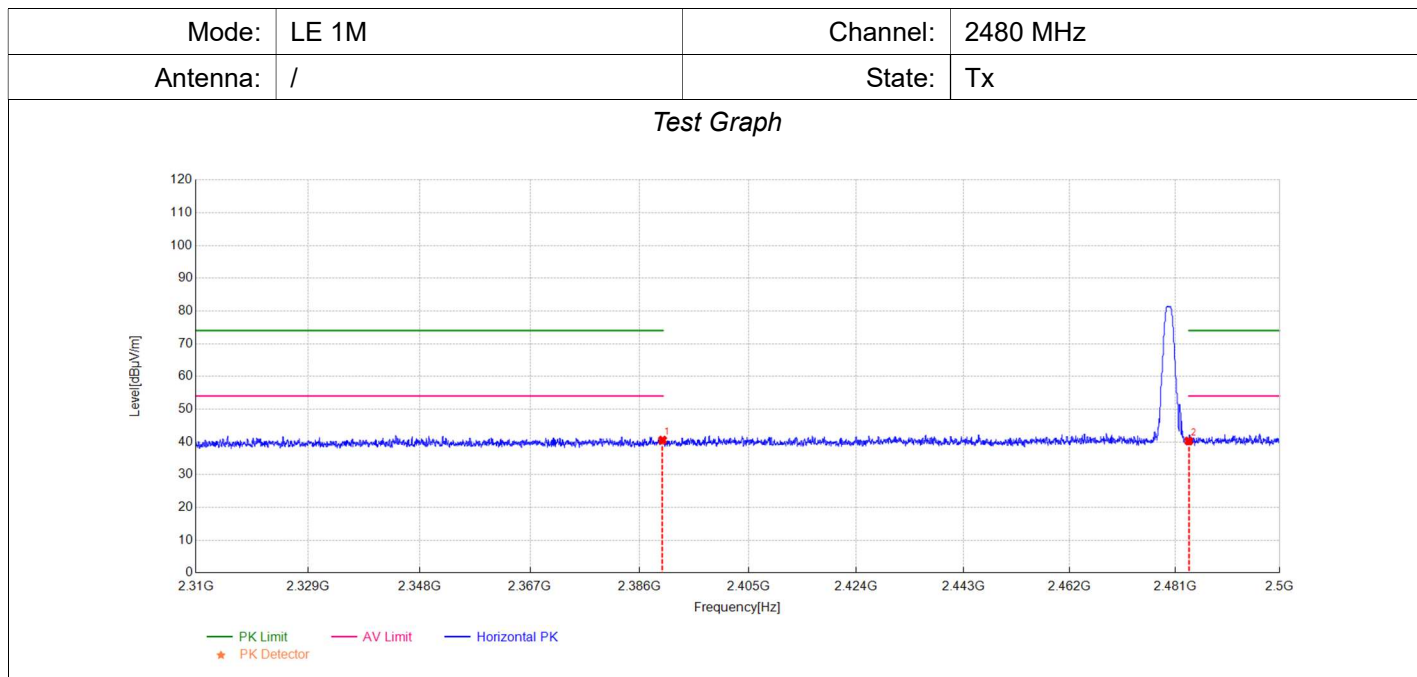


Suspected Data List

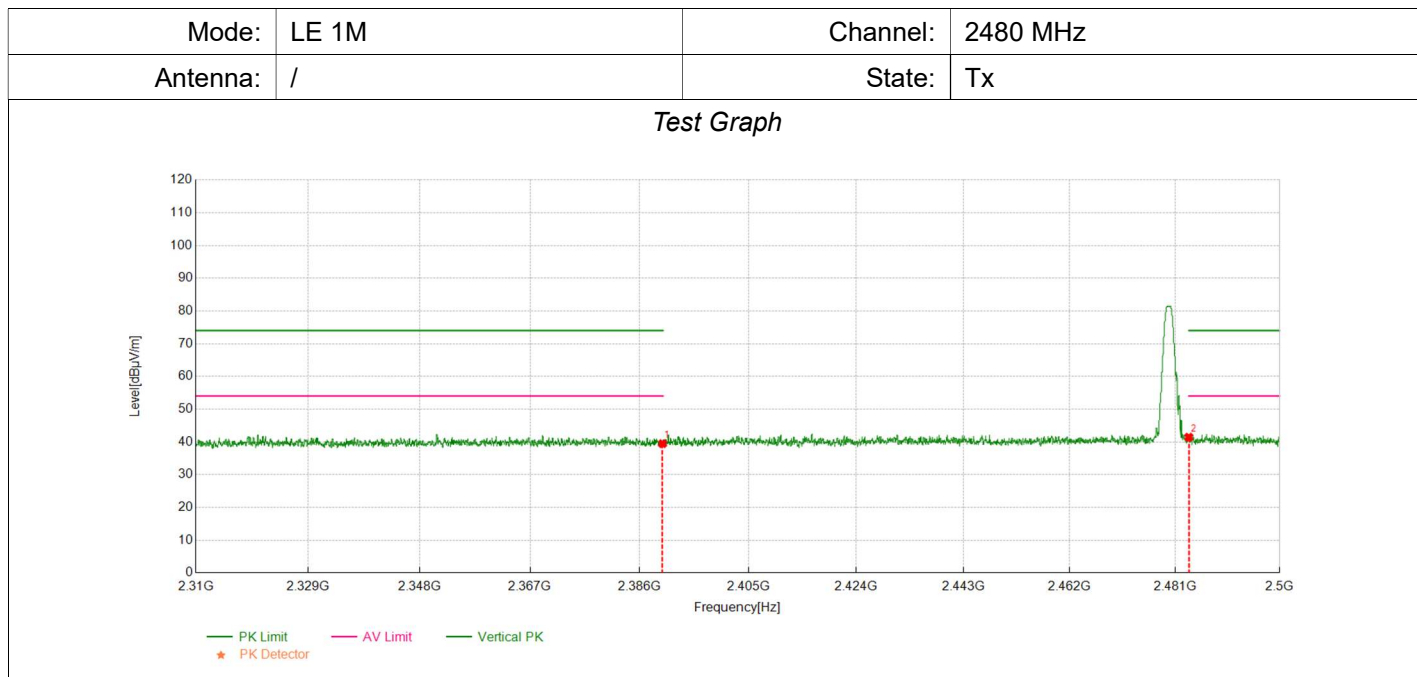
NO.	Frequency [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Polarity	Verdict
1	2390	36.43	39.38	2.95	74.00	34.62	145.4	140	PK	Horizontal	PASS
2	2483.5	37.55	41.01	3.46	74.00	32.99	145.4	270	PK	Horizontal	PASS


Suspected Data List

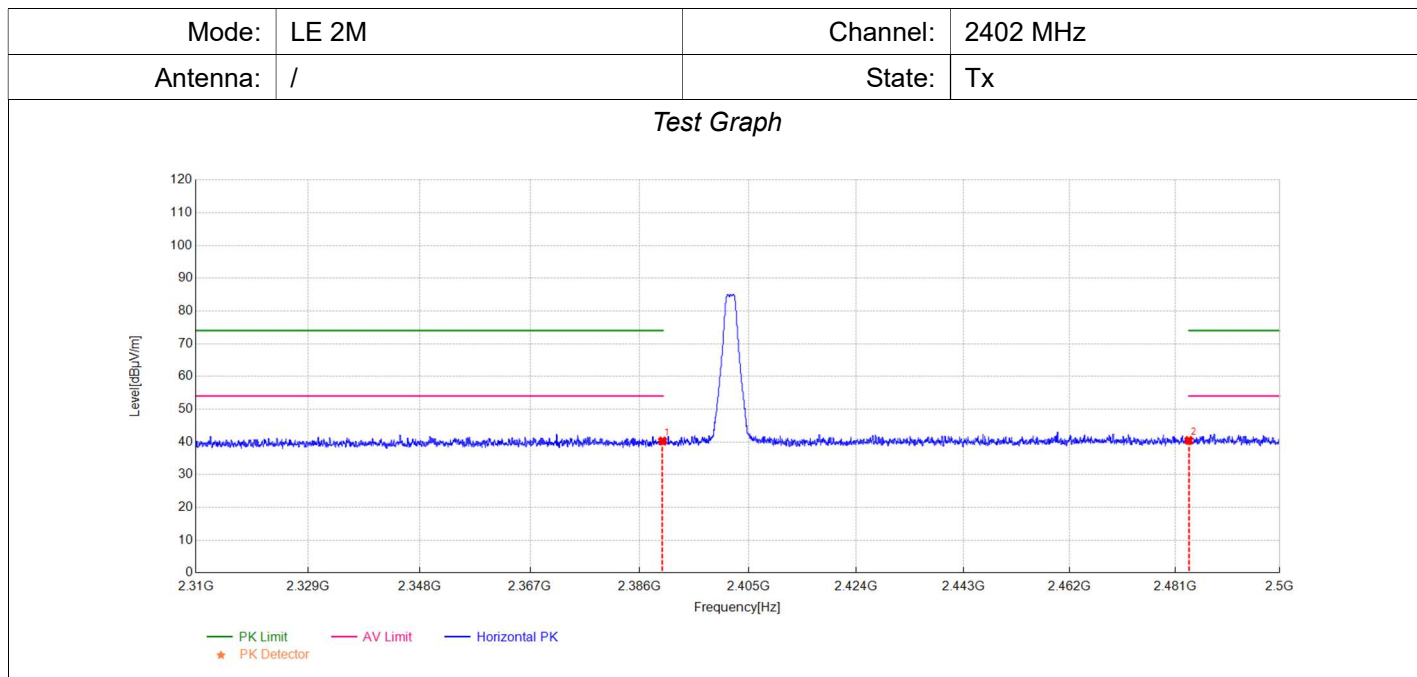
NO.	Frequency [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Polarity	Verdict
1	2390	36.84	39.79	2.95	74.00	34.21	249.3	40	PK	Vertical	PASS
2	2483.5	37.76	41.22	3.46	74.00	32.78	249.3	200	PK	Vertical	PASS


Suspected Data List

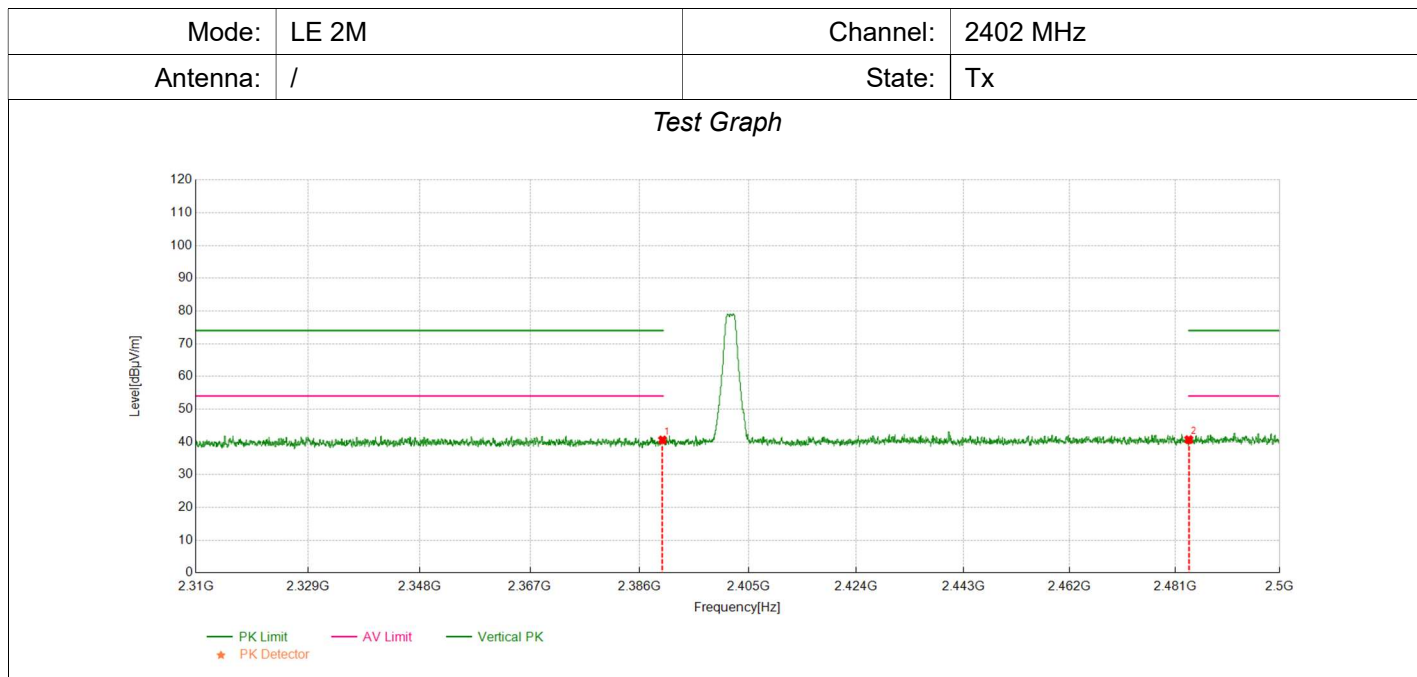
NO.	Frequency [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Polarity	Verdict
1	2390	37.59	40.54	2.95	74.00	33.46	145.4	120	PK	Horizontal	PASS
2	2483.5	36.80	40.26	3.46	74.00	33.74	145.4	240	PK	Horizontal	PASS


Suspected Data List

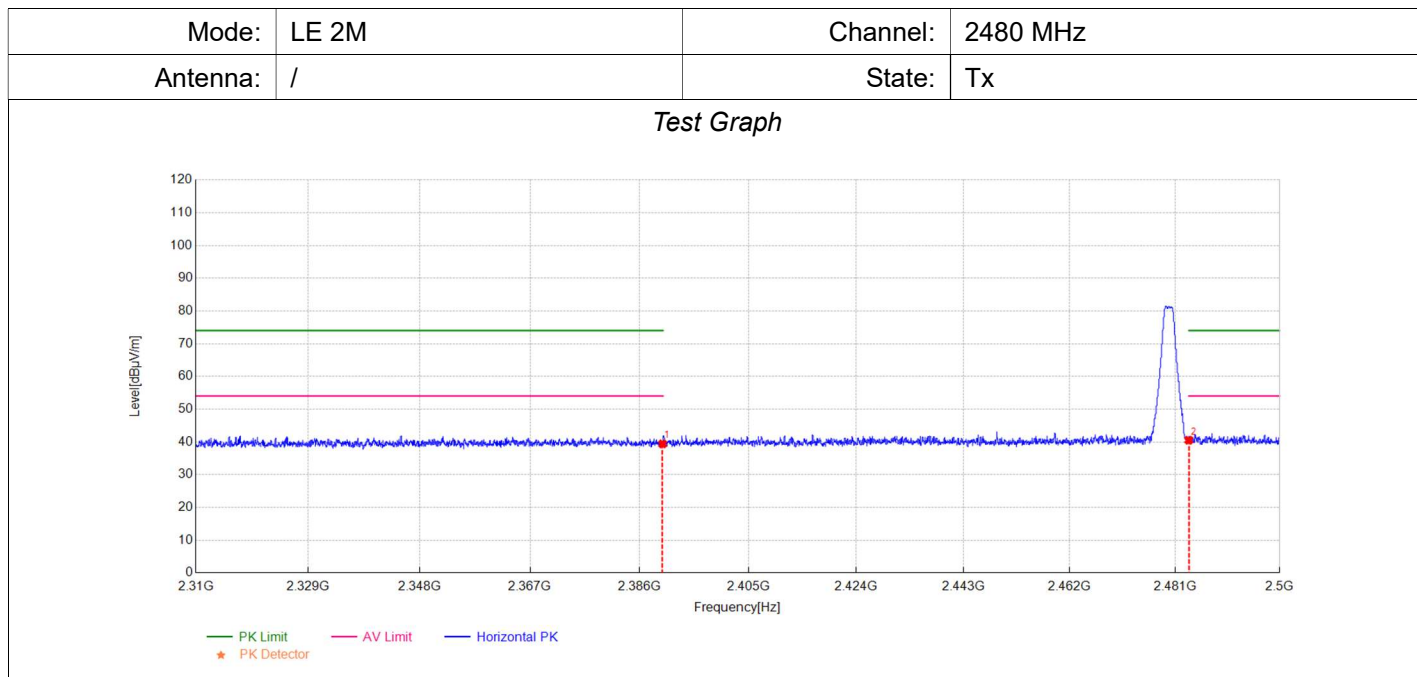
NO.	Frequency [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Polarity	Verdict
1	2390	36.52	39.47	2.95	74.00	34.53	249.3	270	PK	Vertical	PASS
2	2483.5	37.98	41.44	3.46	74.00	32.56	249.3	50	PK	Vertical	PASS


Suspected Data List

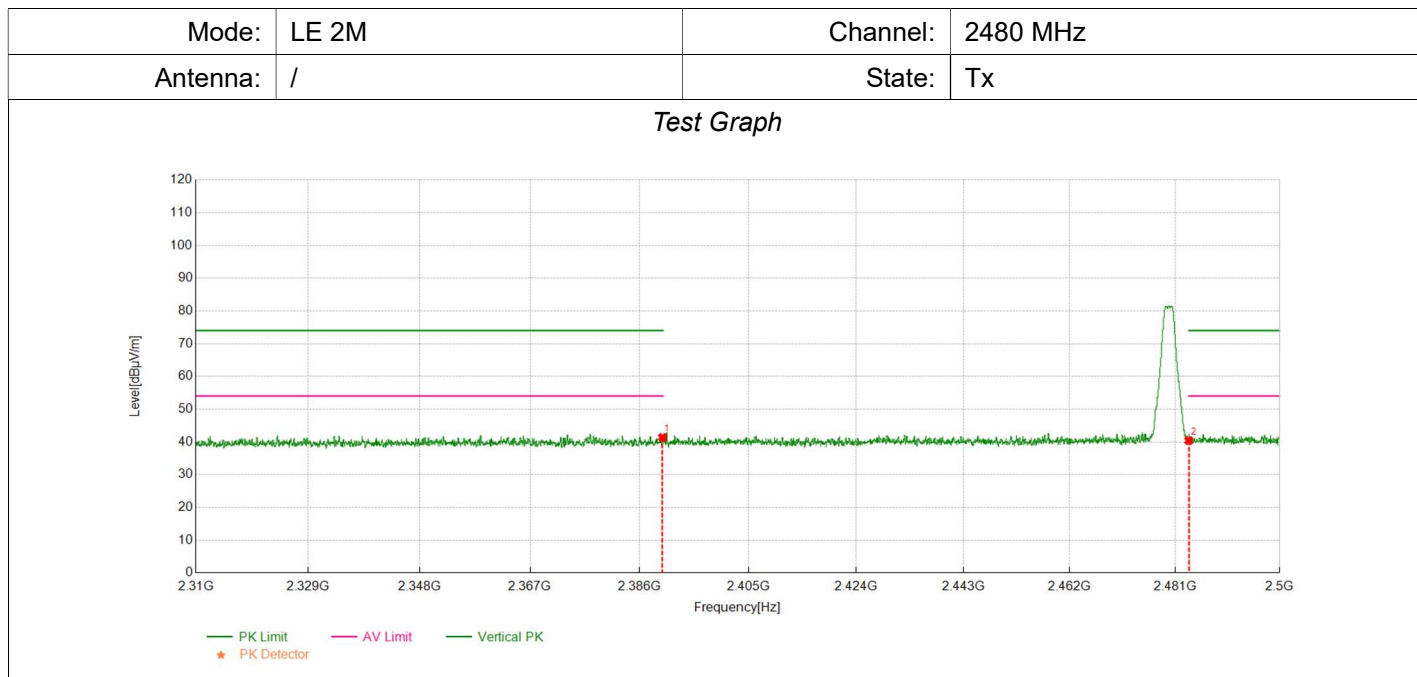
NO.	Frequency [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Polarity	Verdict
1	2390	37.32	40.27	2.95	74.00	33.73	145.4	270	PK	Horizontal	PASS
2	2483.5	36.98	40.44	3.46	74.00	33.56	145.4	230	PK	Horizontal	PASS


Suspected Data List

NO.	Frequency [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Polarity	Verdict
1	2390	37.64	40.59	2.95	74.00	33.41	249.3	230	PK	Vertical	PASS
2	2483.5	37.23	40.69	3.46	74.00	33.31	249.3	50	PK	Vertical	PASS


Suspected Data List

NO.	Frequency [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Polarity	Verdict
1	2390	36.45	39.40	2.95	74.00	34.60	145.4	320	PK	Horizontal	PASS
2	2483.5	37.05	40.51	3.46	74.00	33.49	145.4	320	PK	Horizontal	PASS

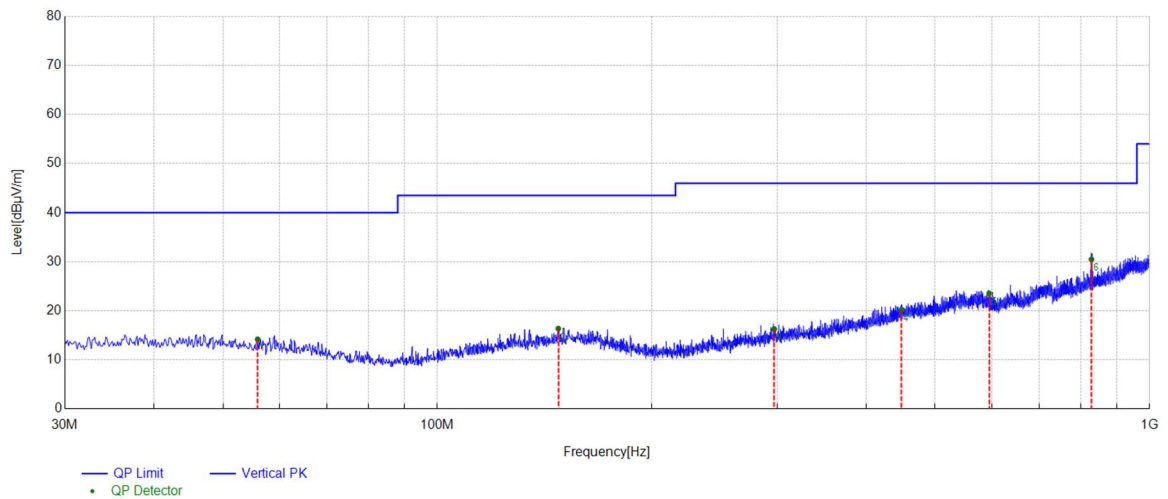

Suspected Data List

NO.	Frequency [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Polarity	Verdict
1	2390	38.40	41.35	2.95	74.00	32.65	249.3	80	PK	Vertical	PASS
2	2483.5	36.96	40.42	3.46	74.00	33.58	249.3	40	PK	Vertical	PASS

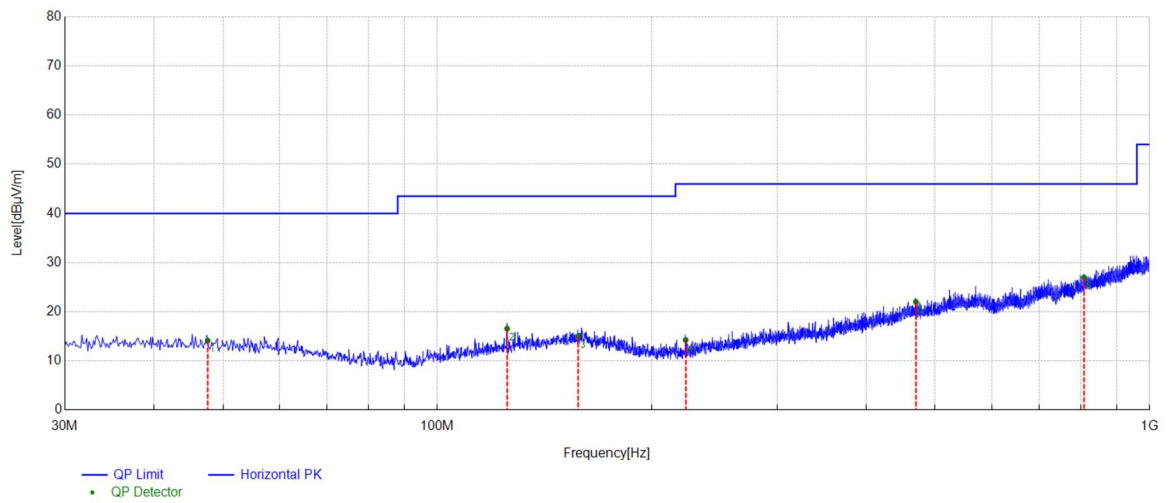
Appendix I: Spurious emissions

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.

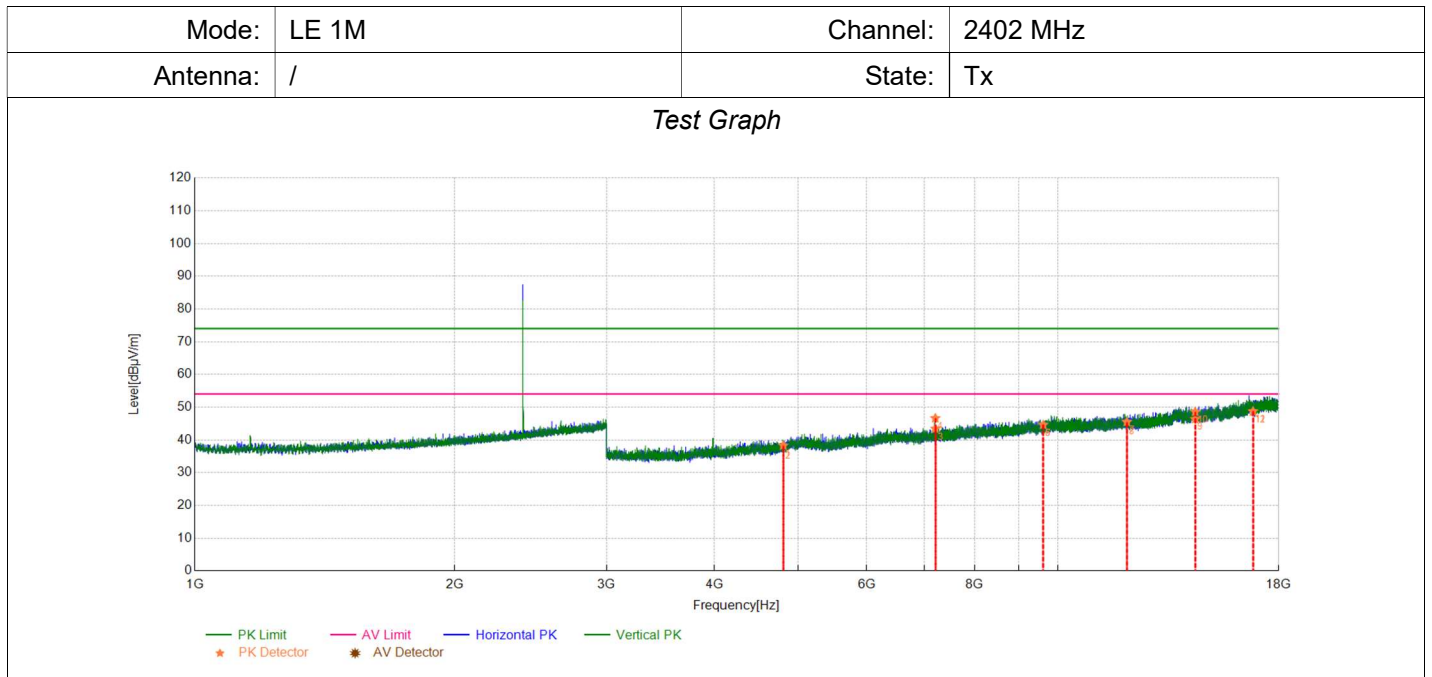
During the test, the Radiates Emission from 30MHz to 1GHz was performed in all modes with all channels. The test data of the worst-case (1M-2402MHz) condition was recorded in this report. The measurement results above 18GHz were greater than 20dB below the limit, so only the radiated spurious emissions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



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	55.9475	-14.53	14.20	40.00	25.80	100	209	Vertical	PASS
2	147.8550	-14.05	16.38	43.50	27.12	100	236	Vertical	PASS
3	297.1138	-13.92	16.29	46.00	29.71	200	327	Vertical	PASS
4	448.5550	-9.94	20.22	46.00	25.78	100	13	Vertical	PASS
5	595.2675	-6.92	23.54	46.00	22.46	100	147	Vertical	PASS
6	828.6738	-2.38	30.48	46.00	15.52	100	310	Vertical	PASS


QP Final Data List

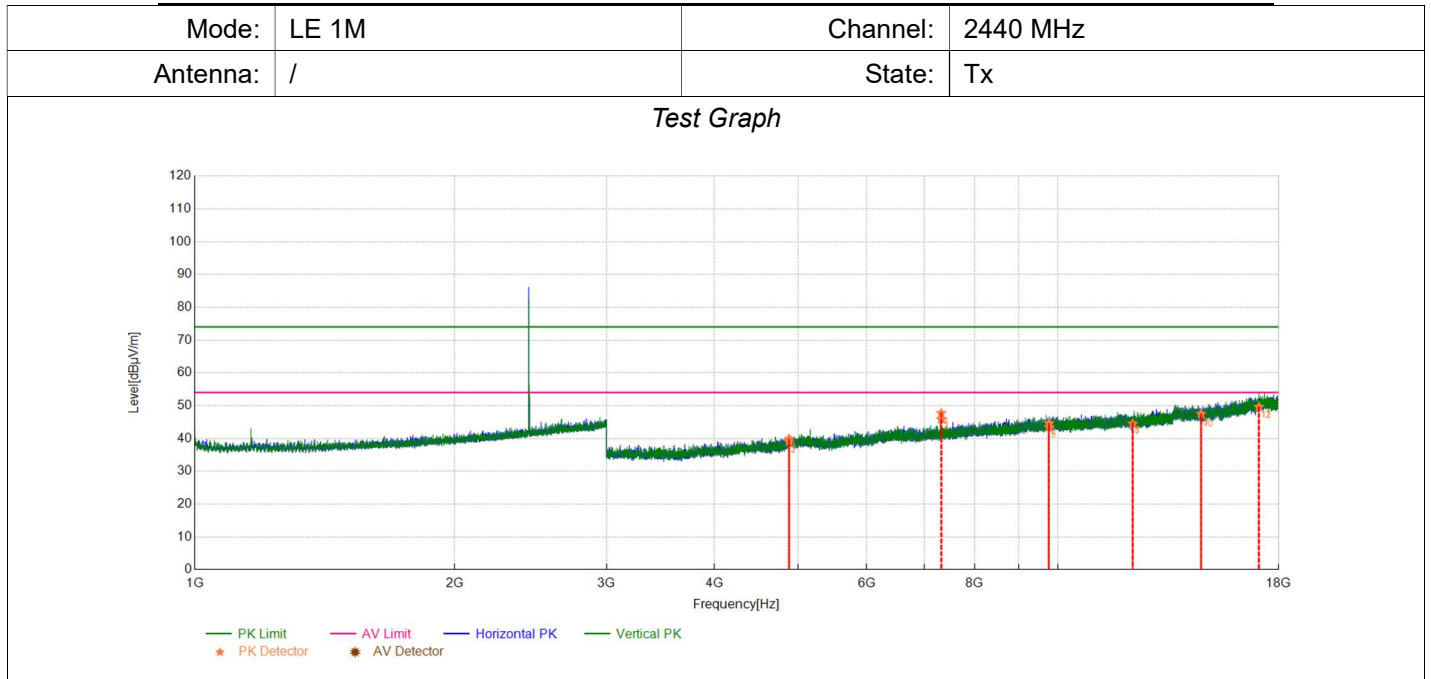
NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	47.5812	-14.04	14.14	40.00	25.86	100	350	Horizontal	PASS
2	125.3025	-15.20	16.55	43.50	26.95	200	298	Horizontal	PASS
3	157.6762	-13.81	15.02	43.50	28.48	100	311	Horizontal	PASS
4	223.1512	-17.16	14.26	46.00	31.74	200	96	Horizontal	PASS
5	469.6525	-9.60	22.01	46.00	23.99	100	278	Horizontal	PASS
6	809.0312	-2.83	26.95	46.00	19.05	100	111	Horizontal	PASS


Final Data List

NO.	Frequency [MHz]	Factor [dB]	PK Reading [dBμV/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Limit [dBμV/m]	Height [cm]	Angle [°]	Polarity	Verdict
1	4804	-14.53	52.82	38.29	74.00	35.71	54.00	150	69	Vertical	PASS
2	4804	-14.53	52.06	37.53	74.00	36.47	54.00	150	100	Horizontal	PASS
3	7206	-9.40	52.81	43.41	74.00	30.59	54.00	150	302	Horizontal	PASS
4	7206	-9.40	56	46.60	74.00	27.40	54.00	150	253	Vertical	PASS
5	9608	-5.07	49.68	44.61	74.00	29.39	54.00	150	22	Vertical	PASS
6	9608	-5.07	49.49	44.42	74.00	29.58	54.00	150	272	Horizontal	PASS
7	12010	-1.78	47.28	45.50	74.00	28.50	54.00	150	132	Vertical	PASS
8	12010	-1.78	46.78	45.00	74.00	29.00	54.00	150	79	Horizontal	PASS
9	14412	1.08	45.25	46.33	74.00	27.67	54.00	150	133	Horizontal	PASS
10	14412	1.08	47.52	48.60	74.00	25.40	54.00	150	180	Vertical	PASS
11	16814	3.86	44.86	48.72	74.00	25.28	54.00	150	190	Horizontal	PASS
12	16814	3.86	44.67	48.53	74.00	25.47	54.00	150	16	Vertical	PASS

Note:(1)Level=Reading+Factor

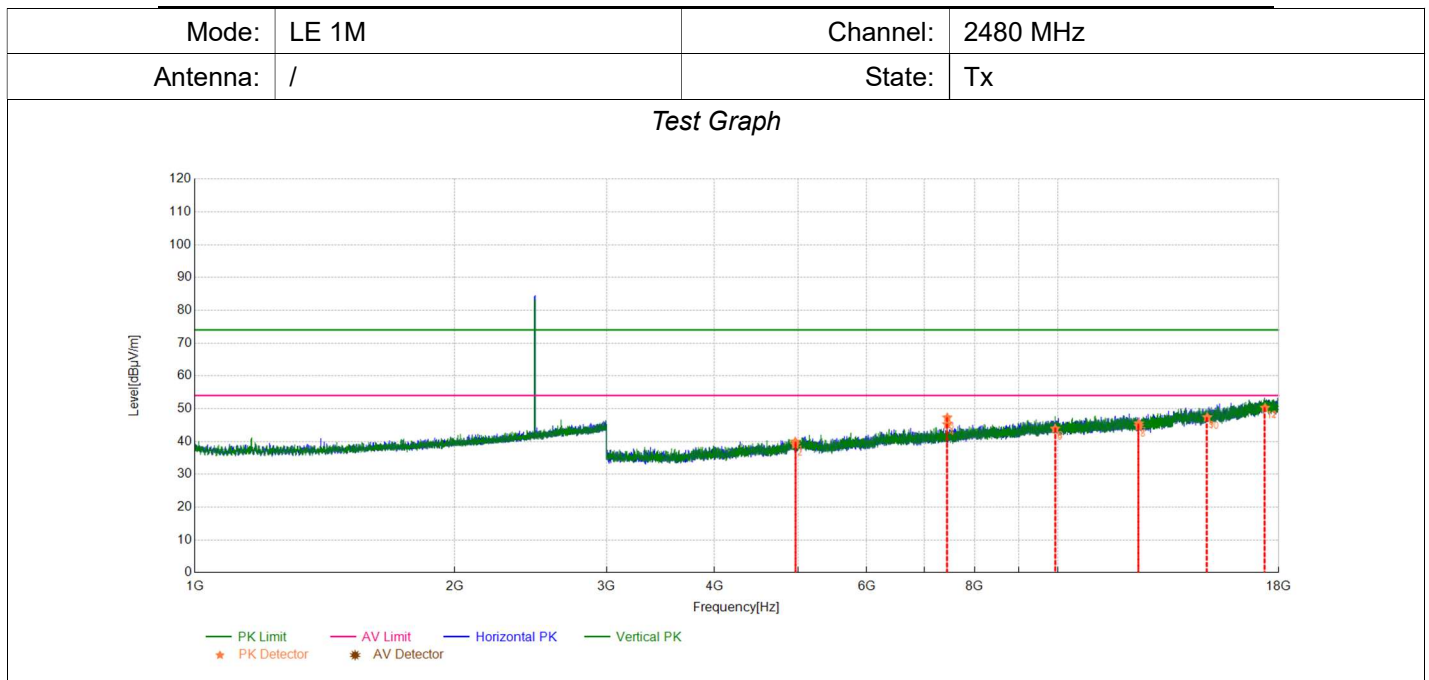
(2)Margin=Limit-Level


Final Data List

NO.	Frequency [MHz]	Factor [dB]	PK Reading [dBμV/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Limit [dBμV/m]	Height [cm]	Angle [°]	Polarity	Verdict
1	4880	-14.07	53.96	39.89	74.00	34.11	54.00	150	192	Vertical	PASS
2	4880	-14.07	53.09	39.02	74.00	34.98	54.00	150	287	Horizontal	PASS
3	7320	-9.14	55.01	45.87	74.00	28.13	54.00	150	332	Horizontal	PASS
4	7320	-9.14	56.89	47.75	74.00	26.25	54.00	150	265	Vertical	PASS
5	9760	-4.59	48.03	43.44	74.00	30.56	54.00	150	164	Vertical	PASS
6	9760	-4.59	49.18	44.59	74.00	29.41	54.00	150	71	Horizontal	PASS
7	12200	-1.60	46.1	44.50	74.00	29.50	54.00	150	192	Vertical	PASS
8	12200	-1.60	46.61	45.01	74.00	28.99	54.00	150	65	Horizontal	PASS
9	14640	0.90	46.57	47.47	74.00	26.53	54.00	150	15	Horizontal	PASS
10	14640	0.90	45.92	46.82	74.00	27.18	54.00	150	336	Vertical	PASS
11	17080	3.51	46.07	49.58	74.00	24.42	54.00	150	24	Horizontal	PASS
12	17080	3.51	46.13	49.64	74.00	24.36	54.00	150	46	Vertical	PASS

Note: (1) Level = Reading + Factor

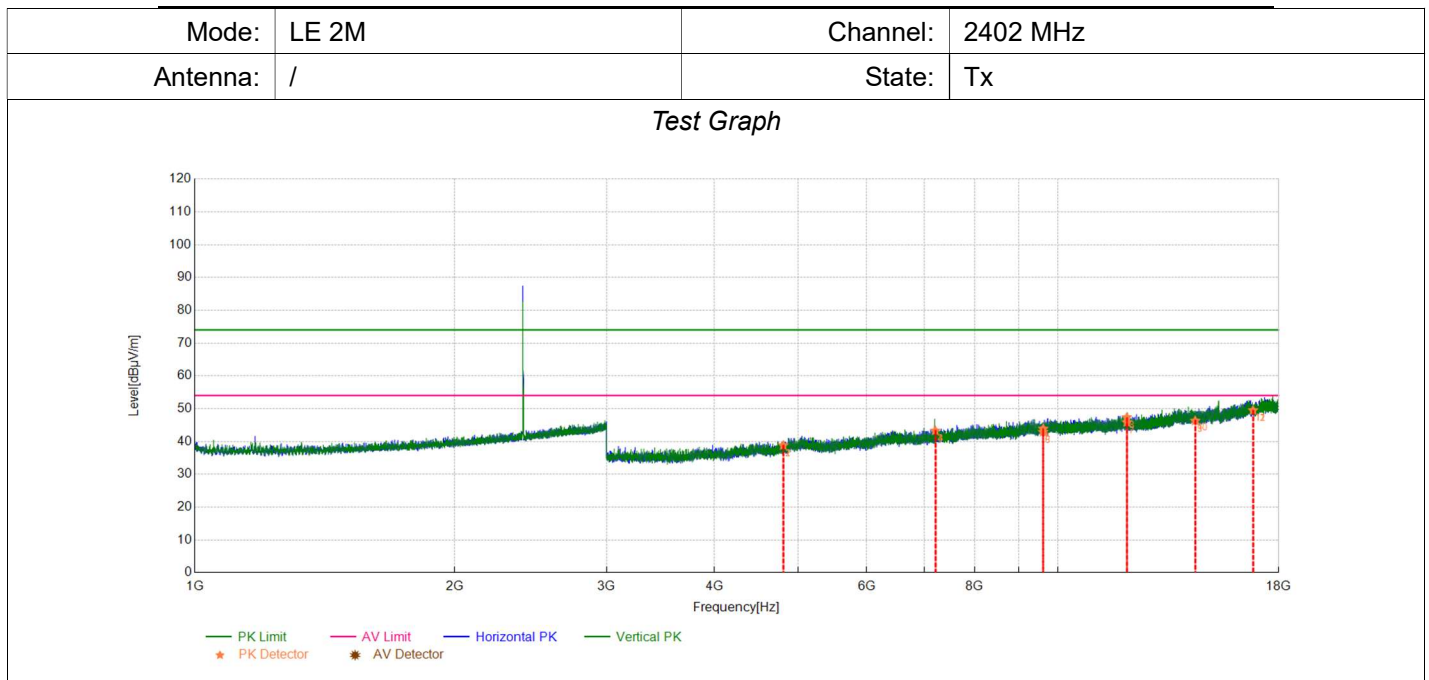
(2) Margin = Limit - Level



Final Data List											
NO.	Frequency [MHz]	Factor [dB]	PK Reading [dBμV/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Limit [dBμV/m]	Height [cm]	Angle [°]	Polarity	Verdict
1	4960	-14.84	54.77	39.93	74.00	34.07	54.00	150	209	Vertical	PASS
2	4960	-14.84	53.92	39.08	74.00	34.92	54.00	150	342	Horizontal	PASS
3	7440	-8.89	56.16	47.27	74.00	26.73	54.00	150	251	Vertical	PASS
4	7440	-8.89	54.09	45.20	74.00	28.80	54.00	150	145	Horizontal	PASS
5	9920	-4.28	48.14	43.86	74.00	30.14	54.00	150	253	Horizontal	PASS
6	9920	-4.28	48.47	44.19	74.00	29.81	54.00	150	230	Vertical	PASS
7	12400	-1.53	47.03	45.50	74.00	28.50	54.00	150	170	Vertical	PASS
8	12400	-1.53	46.19	44.66	74.00	29.34	54.00	150	307	Horizontal	PASS
9	14880	1.73	45.62	47.35	74.00	26.65	54.00	150	342	Vertical	PASS
10	14880	1.73	45.5	47.23	74.00	26.77	54.00	150	243	Horizontal	PASS
11	17360	4.56	45.7	50.26	74.00	23.74	54.00	150	218	Horizontal	PASS
12	17360	4.56	45.86	50.42	74.00	23.58	54.00	150	28	Vertical	PASS

Note:(1)Level=Reading+Factor

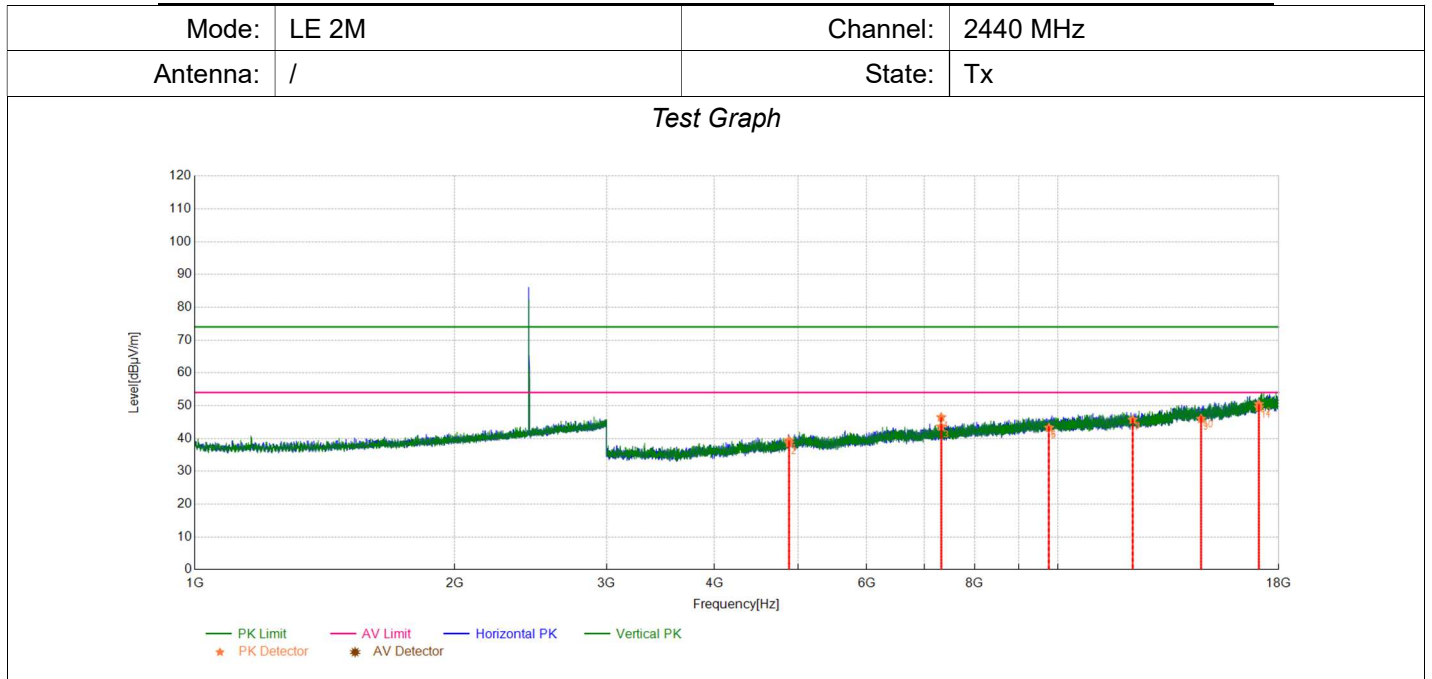
(2)Margin=Limit-Level



Final Data List											
NO.	Frequency [MHz]	Factor [dB]	PK Reading [dBμV/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Limit [dBμV/m]	Height [cm]	Angle [°]	Polarity	Verdict
1	4804	-14.53	53.33	38.80	74.00	35.20	54.00	150	70	Horizontal	PASS
2	4804	-14.53	53.36	38.83	74.00	35.17	54.00	150	83	Vertical	PASS
3	7206	-9.40	52.68	43.28	74.00	30.72	54.00	150	319	Horizontal	PASS
4	7206	-9.40	52.82	43.42	74.00	30.58	54.00	150	86	Vertical	PASS
5	9608	-5.07	48.93	43.86	74.00	30.14	54.00	150	200	Vertical	PASS
6	9608	-5.07	47.96	42.89	74.00	31.11	54.00	150	96	Horizontal	PASS
7	12010	-1.78	47.6	45.82	74.00	28.18	54.00	150	276	Horizontal	PASS
8	12010	-1.78	49.12	47.34	74.00	26.66	54.00	150	237	Vertical	PASS
9	14412	1.08	45.2	46.28	74.00	27.72	54.00	150	328	Horizontal	PASS
10	14412	1.08	45.58	46.66	74.00	27.34	54.00	150	313	Vertical	PASS
11	16814	3.86	45.61	49.47	74.00	24.53	54.00	150	157	Vertical	PASS
12	16814	3.86	45.73	49.59	74.00	24.41	54.00	150	27	Horizontal	PASS

Note: (1) Level = Reading + Factor

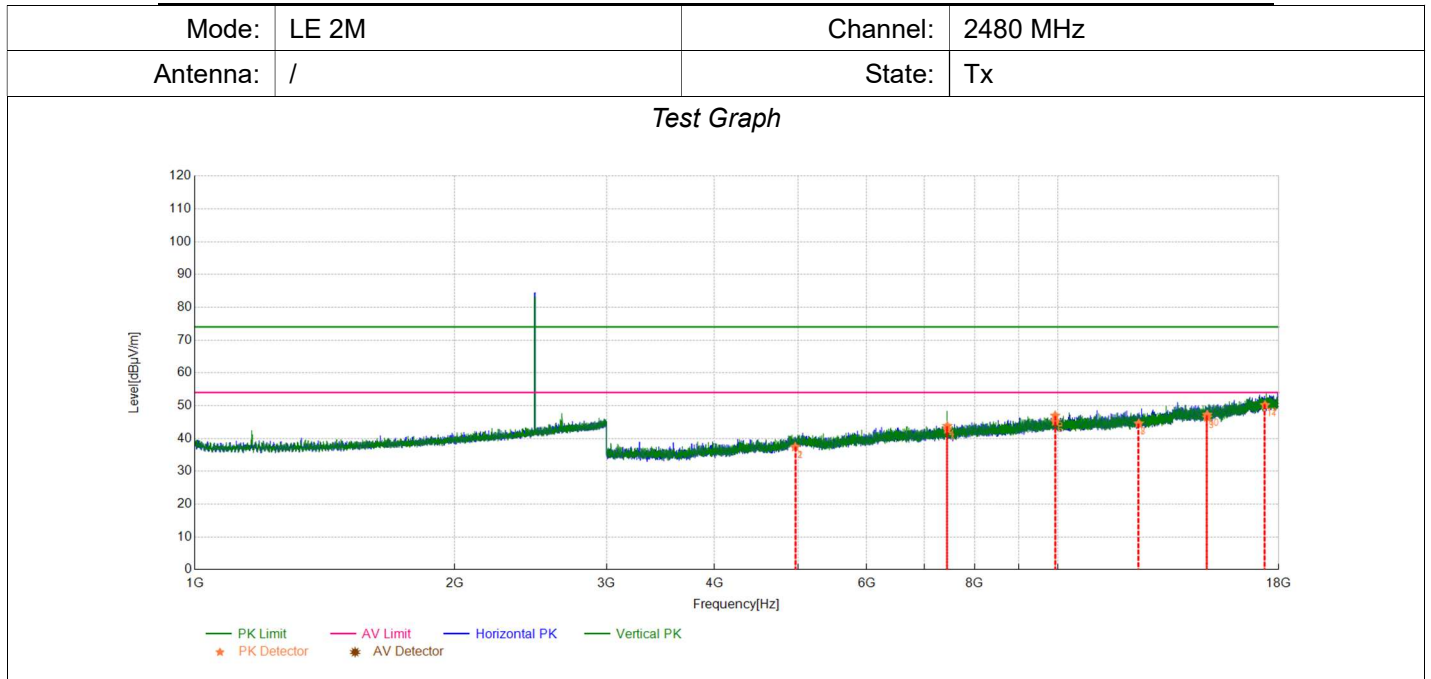
(2) Margin = Limit - Level


Final Data List

NO.	Frequency [MHz]	Factor [dB]	PK Reading [dBμV/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Limit [dBμV/m]	Height [cm]	Angle [°]	Polarity	Verdict
1	4880	-14.07	53.52	39.45	74.00	34.55	54.00	150	354	Vertical	PASS
2	4880	-14.07	52.65	38.58	74.00	35.42	54.00	150	216	Horizontal	PASS
3	7320	-9.14	52.74	43.60	74.00	30.40	54.00	150	268	Vertical	PASS
4	7320	-9.14	55.58	46.44	74.00	27.56	54.00	150	226	Horizontal	PASS
5	9760	-4.59	47.85	43.26	74.00	30.74	54.00	150	89	Horizontal	PASS
6	9760	-4.59	48.28	43.69	74.00	30.31	54.00	150	338	Vertical	PASS
7	12200	-1.60	47.28	45.68	74.00	28.32	54.00	150	341	Horizontal	PASS
8	12200	-1.60	47.72	46.12	74.00	27.88	54.00	150	253	Vertical	PASS
9	14640	0.90	45.08	45.98	74.00	28.02	54.00	150	140	Vertical	PASS
10	14640	0.90	45.87	46.77	74.00	27.23	54.00	150	318	Horizontal	PASS
11	17080	3.51	45.94	49.45	74.00	24.55	54.00	150	21	Horizontal	PASS
12	17080	3.51	46.95	50.46	74.00	23.54	54.00	150	232	Vertical	PASS

Note: (1) Level = Reading + Factor

(2) Margin = Limit - Level

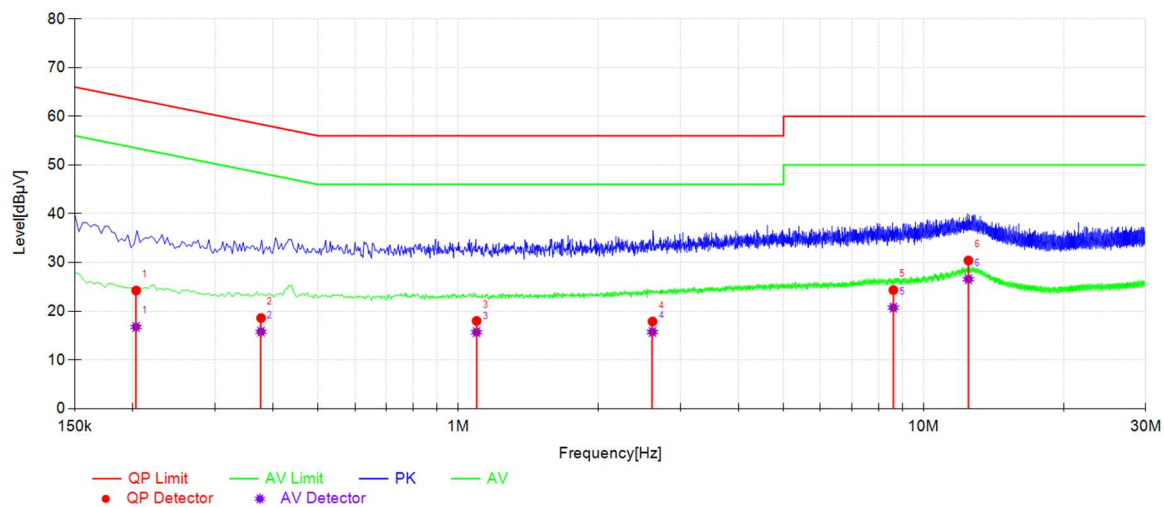

Final Data List

NO.	Frequency [MHz]	Factor [dB]	PK Reading [dBμV/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Limit [dBμV/m]	Height [cm]	Angle [°]	Polarity	Verdict
1	4960	-14.84	52.25	37.41	74.00	36.59	54.00	150	323	Vertical	PASS
2	4960	-14.84	52.12	37.28	74.00	36.72	54.00	150	339	Horizontal	PASS
3	7440	-8.89	51.67	42.78	74.00	31.22	54.00	150	108	Horizontal	PASS
4	7440	-8.89	52.69	43.80	74.00	30.20	54.00	150	276	Vertical	PASS
5	9920	-4.28	51.23	46.95	74.00	27.05	54.00	150	52	Horizontal	PASS
6	9920	-4.28	49.48	45.20	74.00	28.80	54.00	150	24	Vertical	PASS
7	12400	-1.53	46.09	44.56	74.00	29.44	54.00	150	287	Horizontal	PASS
8	12400	-1.53	45.97	44.44	74.00	29.56	54.00	150	175	Vertical	PASS
9	14880	1.73	44.67	46.40	74.00	27.60	54.00	150	46	Vertical	PASS
10	14880	1.73	45.47	47.20	74.00	26.80	54.00	150	323	Horizontal	PASS
11	17360	4.56	45.59	50.15	74.00	23.85	54.00	150	171	Horizontal	PASS
12	17360	4.56	45.92	50.48	74.00	23.52	54.00	150	262	Vertical	PASS

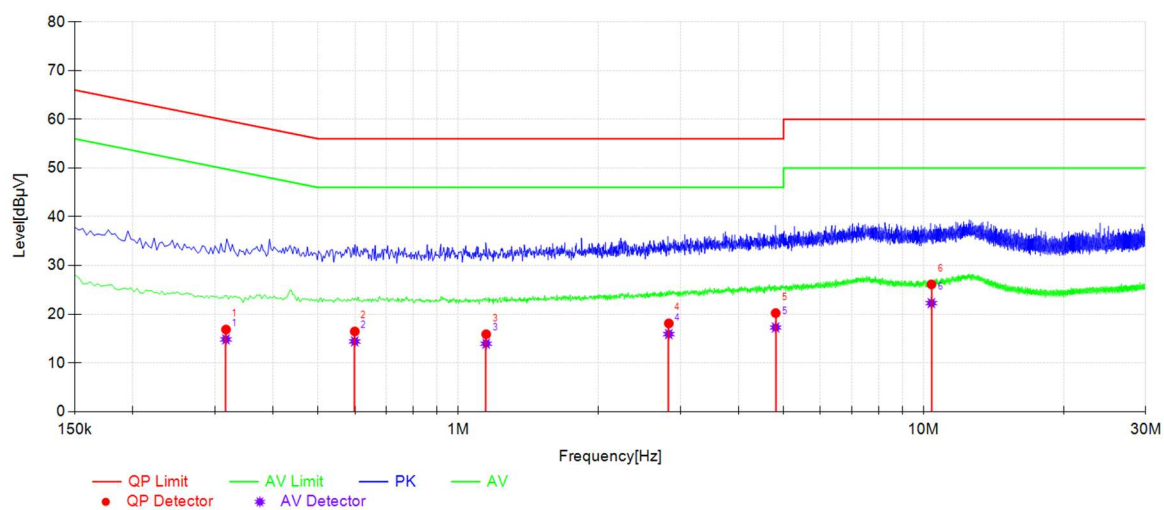
Note: (1) Level = Reading + Factor

(2) Margin = Limit - Level

Appendix J: Conducted emission AC power port



Final Data List										
NO.	Freq. [MHz]	Factor [dB]	QP Value [dBμV]	QP Limit [dBμV]	QP Margin [dB]	AV Value [dBμV]	AV Limit [dBμV]	AV Margin [dB]	Type	Verdict
1	0.2031	10.35	24.25	63.48	39.23	16.78	53.48	36.70	L1	PASS
2	0.3769	10.29	18.61	58.35	39.74	15.81	48.35	32.54	L1	PASS
3	1.0949	10.35	18.02	56.00	37.98	15.70	46.00	30.30	L1	PASS
4	2.6149	10.29	17.90	56.00	38.10	15.74	46.00	30.26	L1	PASS
5	8.6110	10.43	24.35	60.00	35.65	20.73	50.00	29.27	L1	PASS
6	12.4814	10.50	30.41	60.00	29.59	26.58	50.00	23.42	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	0.3168	10.31	16.86	59.79	42.93	14.84	49.79	34.95	N	PASS
2	0.5992	10.25	16.47	56.00	39.53	14.42	46.00	31.58	N	PASS
3	1.1481	10.27	15.89	56.00	40.11	13.96	46.00	32.04	N	PASS
4	2.8343	10.39	18.12	56.00	37.88	15.92	46.00	30.08	N	PASS
5	4.8094	10.41	20.24	56.00	35.76	17.28	46.00	28.72	N	PASS
6	10.3949	10.46	26.13	60.00	33.87	22.28	50.00	27.72	N	PASS