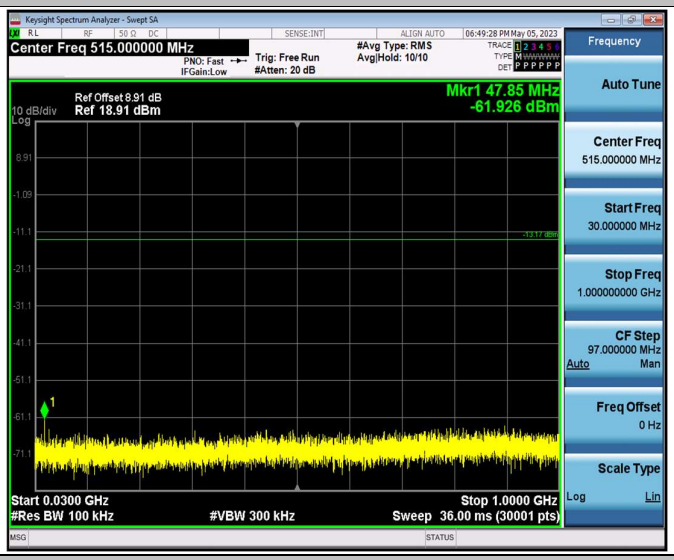
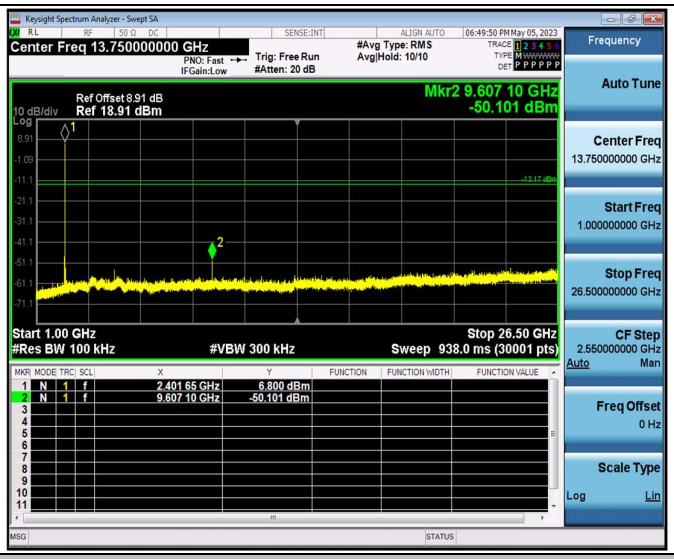
Test Graphs

BLE_1M_Ant1_2402_0~Reference

BLE_1M_Ant1_2402_30~1000

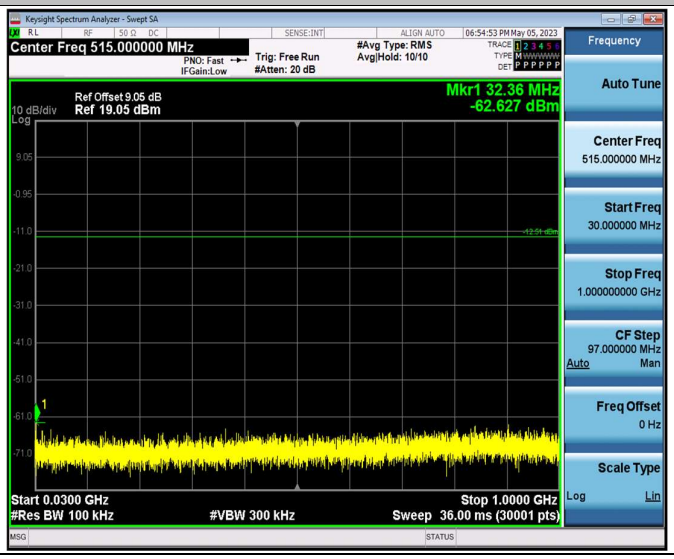


BLE_1M_Ant1_2402_1000~26500

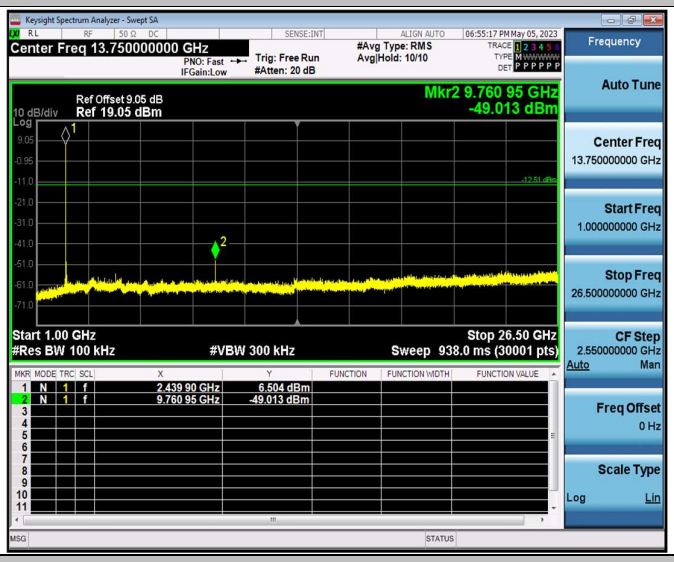


BLE_1M_Ant1_2440_0~Reference

BLE_1M_Ant1_2440_30~1000

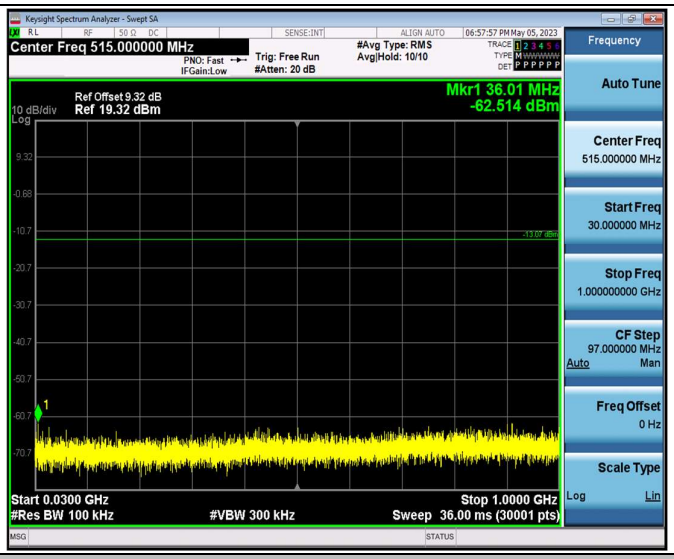


BLE_1M_Ant1_2440_1000~26500

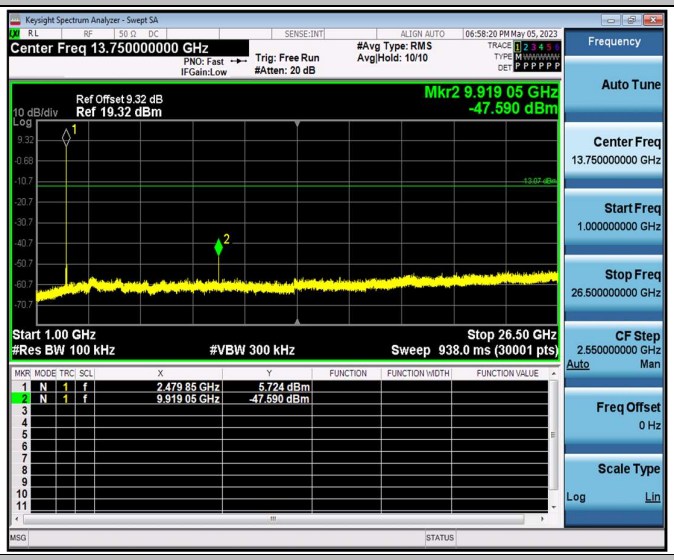


BLE_1M_Ant1_2480_0~Reference

BLE_1M_Ant1_2480_30~1000

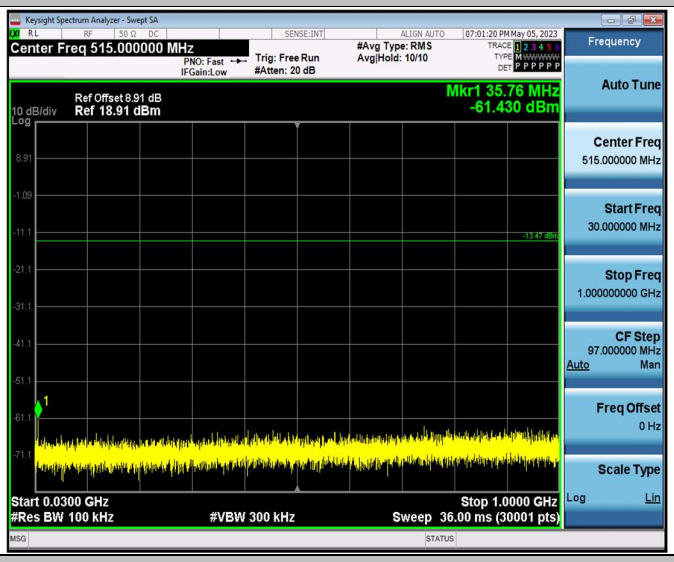


BLE_1M_Ant1_2480_1000~26500

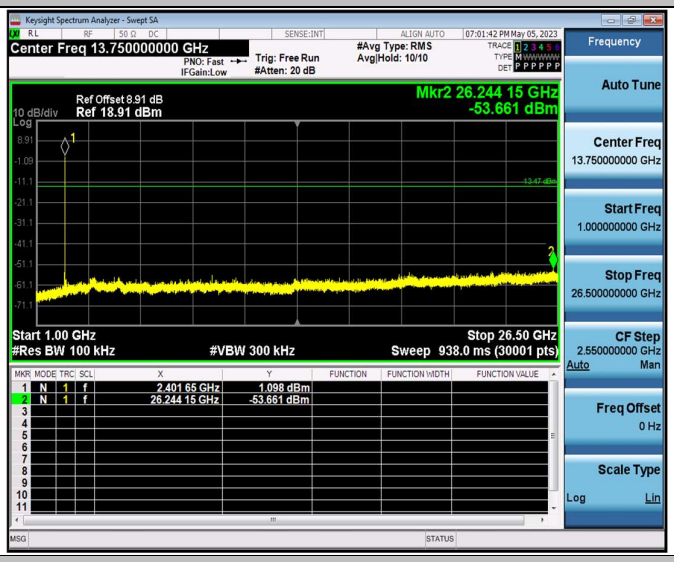


BLE_2M_Ant1_2402_0~Reference

BLE_2M_Ant1_2402_30~1000

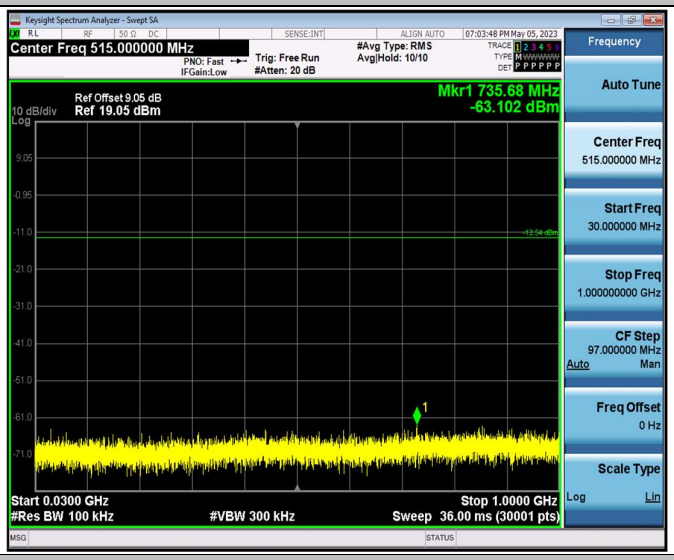


BLE_2M_Ant1_2402_1000~26500

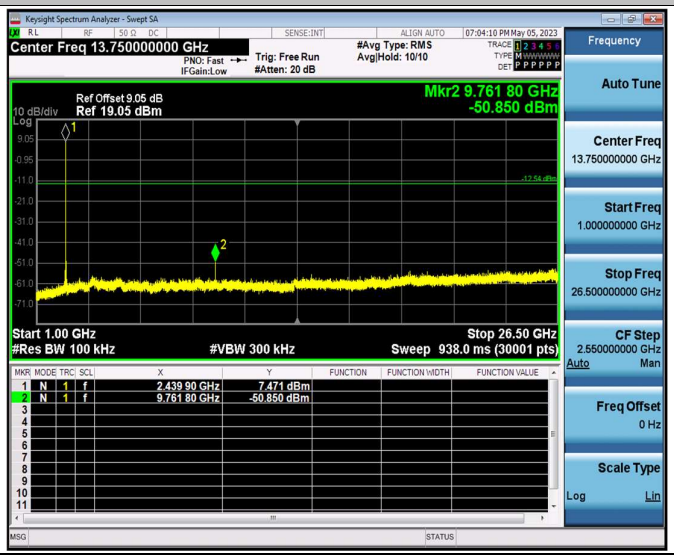


BLE_2M_Ant1_2440_0~Reference

BLE_2M_Ant1_2440_30~1000

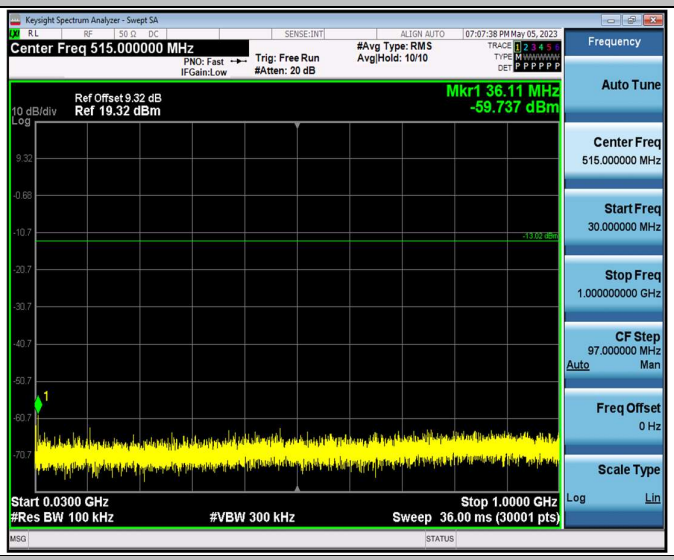


BLE_2M_Ant1_2440_1000~26500

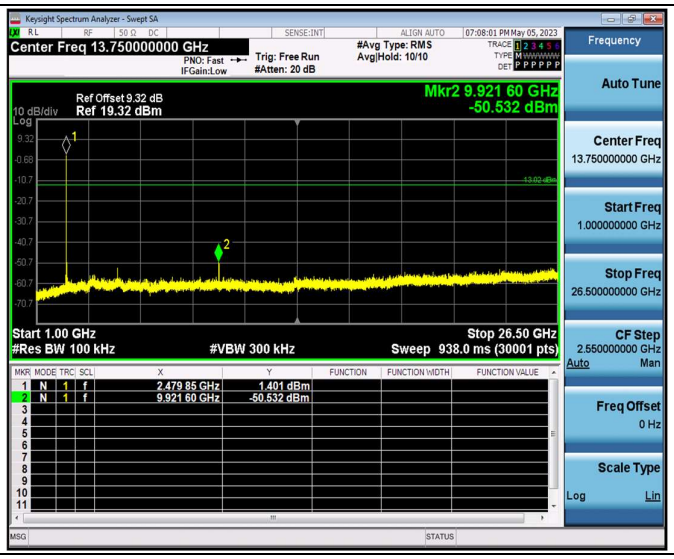


BLE_2M_Ant1_2480_0~Reference

BLE_2M_Ant1_2480_30~1000



BLE_2M_Ant1_2480_1000~26500


Keysight Spectrum Analyzer - Swept SA
Center Freq 13.750000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 20 dB
#Avg Type: RMS
Avg|Hold: 10/10
07:08:01 PM May 05, 2023
Ref Offset 9.32 dB
10 dB/div
Ref 19.32 dBm
Log
Mkr2 9.921 60 GHz
-50.532 dBm
Start 1.00 GHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 26.50 GHz
Sweep 938.0 ms (30001 pts)
1 N 1 f 2.479 85 GHz 1.401 dBm
2 N 1 f 9.921 60 GHz -50.532 dBm
Frequency
Auto Tune
Center Freq
13.750000000 GHz
Start Freq
1.000000000 GHz
Stop Freq
26.500000000 GHz
CF Step
2.550000000 GHz
Auto Man
Freq Offset
0 Hz
Scale Type
Log Lin

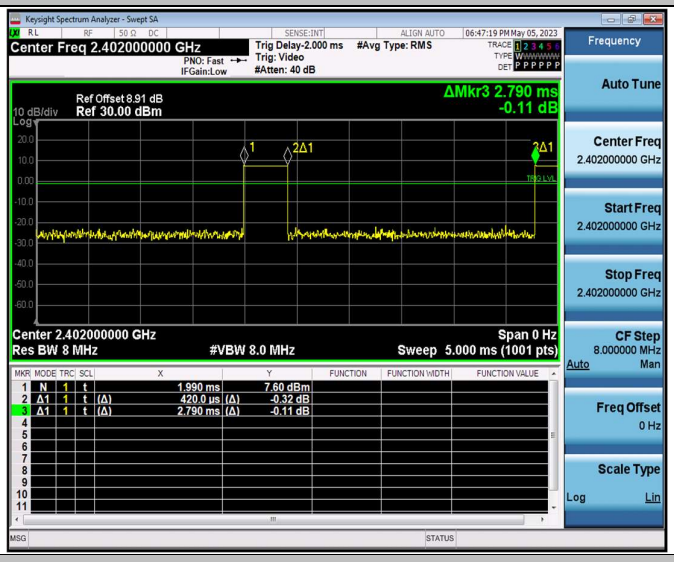
Appendix G: Duty Cycle

Test Result

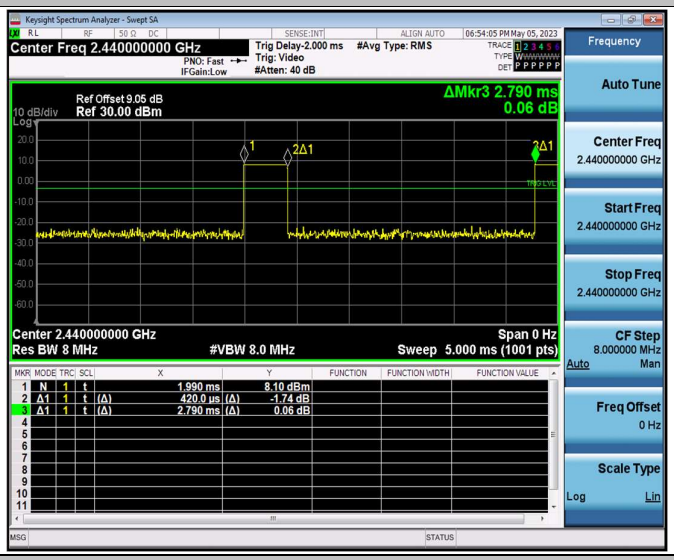
TestMode	Antenna	Channel	ON Time [ms]	Period [ms]	X	DC [%]	Limit	Verdict
BLE_1M	Ant1	2402	0.42	2.79	0.1505	15.05	---	PASS
		2440	0.42	2.79	0.1505	15.05	---	PASS
		2480	0.42	2.78	0.1511	15.11	---	PASS
BLE_2M	Ant1	2402	0.21	2.57	0.0817	8.17	---	PASS
		2440	0.21	2.57	0.0817	8.17	---	PASS
		2480	0.21	2.57	0.0817	8.17	---	PASS

Test Graphs

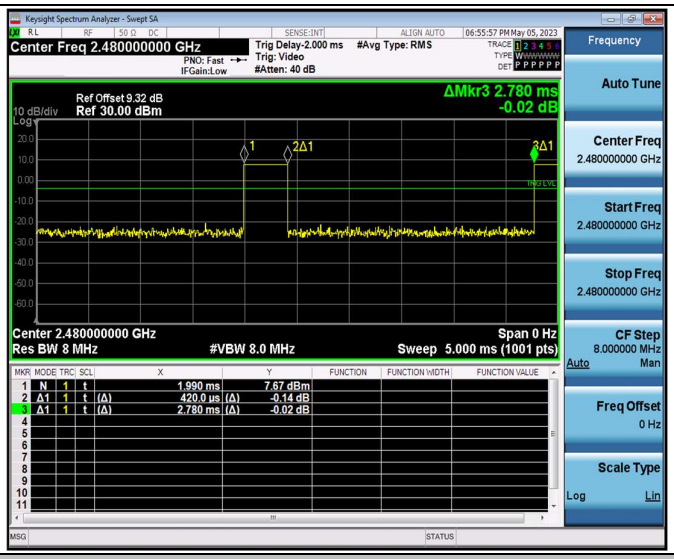
BLE_1M_Ant1_2402



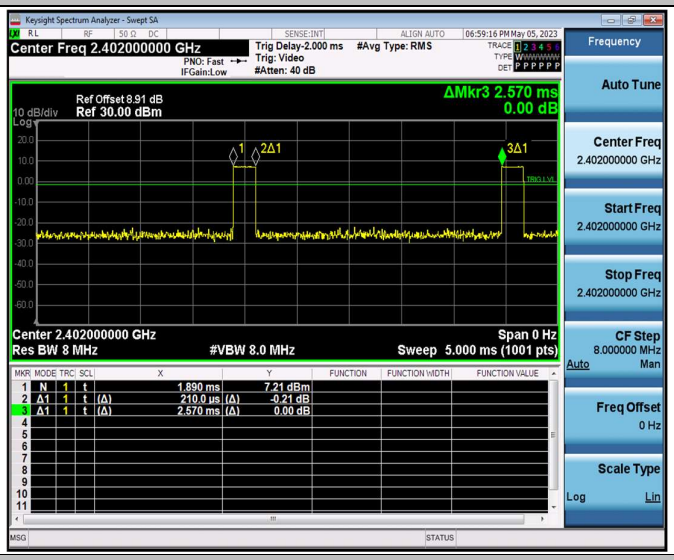
BLE_1M_Ant1_2440



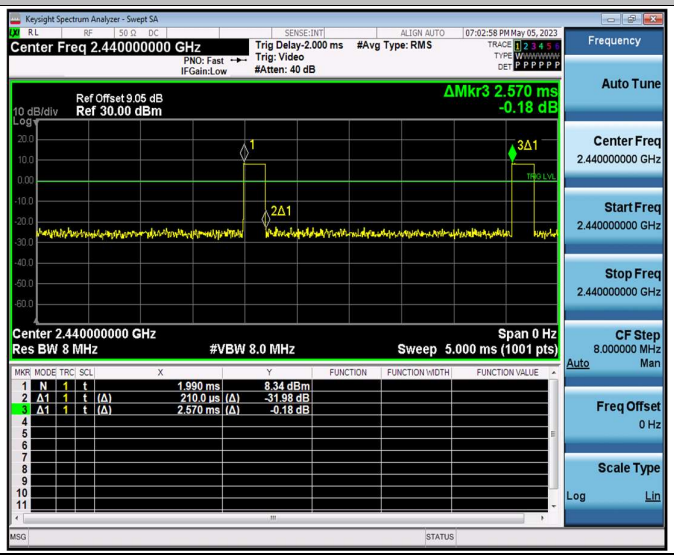
BLE_1M_Ant1_2480



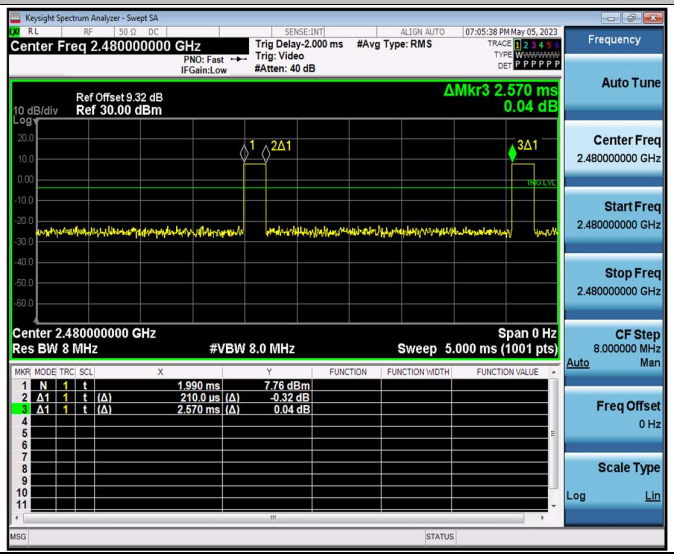
BLE_2M_Ant1_2402



BLE_2M_Ant1_2440



BLE_2M_Ant1_2480



Appendix H: Emissions in Restricted Bands

Test Result

Mode:	1M 2402

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2324.78	48.22	7.58	74.00	25.78	150	131	Horizontal
2	2336.92	48.66	7.61	74.00	25.34	150	282	Horizontal
3	2352.37	49.30	7.64	74.00	24.70	150	44	Horizontal
4	2372.96	48.75	7.68	74.00	25.25	150	277	Horizontal
5	2385.24	48.56	7.71	74.00	25.44	150	100	Horizontal
6	2390	47.35	7.71	74.00	26.65	150	189	Horizontal

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2324.91	48.33	7.58	74.00	25.67	150	222	Vertical
2	2342.07	49.00	7.62	74.00	25.00	150	39	Vertical
3	2353.95	48.91	7.64	74.00	25.09	150	272	Vertical
4	2364.38	48.58	7.66	74.00	25.42	150	84	Vertical
5	2381.67	49.42	7.69	74.00	24.58	150	212	Vertical
6	2390	48.63	7.71	74.00	25.37	150	337	Vertical

Mode:	1M 2480

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2483.5	47.73	8.21	74.00	26.27	150	38	Horizontal
2	2485.76	50.39	8.23	74.00	23.61	150	38	Horizontal
3	2489.72	49.04	8.25	74.00	24.96	150	149	Horizontal
4	2491.87	49.39	8.26	74.00	24.61	150	320	Horizontal
5	2496.09	49.30	8.29	74.00	24.70	150	38	Horizontal
6	2499.68	49.47	8.31	74.00	24.53	150	4	Horizontal

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2483.5	46.97	8.21	74.00	27.03	150	57	Vertical
2	2485.21	49.78	8.23	74.00	24.22	150	101	Vertical
3	2489.21	49.28	8.25	74.00	24.72	150	57	Vertical
4	2491.93	50.07	8.26	74.00	23.93	150	122	Vertical
5	2495.55	50.27	8.29	74.00	23.73	150	241	Vertical
6	2497.05	49.48	8.30	74.00	24.52	150	71	Vertical

Mode:	2M 2402

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2323.86	49.11	7.58	74.00	24.89	150	300	Horizontal
2	2337.45	48.97	7.61	74.00	25.03	150	115	Horizontal
3	2361.48	48.80	7.66	74.00	25.20	150	0	Horizontal
4	2365.04	48.46	7.67	74.00	25.54	150	273	Horizontal
5	2380.75	48.93	7.69	74.00	25.07	150	218	Horizontal
6	2390	47.43	7.71	74.00	26.57	150	198	Horizontal

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2324.12	48.44	7.58	74.00	25.56	150	280	Vertical
2	2329.14	48.47	7.60	74.00	25.53	150	253	Vertical
3	2343.13	48.69	7.62	74.00	25.31	150	156	Vertical
4	2365.04	49.40	7.67	74.00	24.60	150	190	Vertical
5	2379.3	49.10	7.69	74.00	24.90	150	28	Vertical
6	2390	47.58	7.71	74.00	26.42	150	4	Vertical

Mode:	2M 2402

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2483.5	48.07	8.21	74.00	25.93	150	26	Horizontal
2	2486.04	48.89	8.23	74.00	25.11	150	76	Horizontal
3	2488.60	49.46	8.25	74.00	24.54	150	65	Horizontal
4	2490.78	49.25	8.26	74.00	24.75	150	129	Horizontal
5	2492.99	49.94	8.27	74.00	24.06	150	34	Horizontal
6	2497.08	49.50	8.30	74.00	24.50	150	291	Horizontal

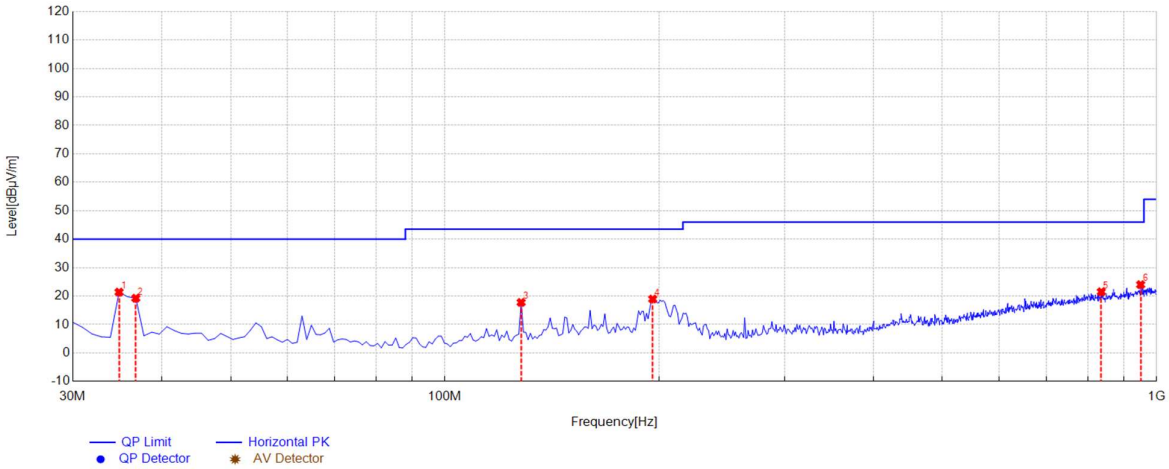
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2483.87	49.05	8.21	74.00	24.95	150	26	Vertical
2	2486.27	49.29	8.23	74.00	24.71	150	317	Vertical
3	2488.22	48.73	8.24	74.00	25.27	150	192	Vertical
4	2490.43	49.34	8.25	74.00	24.66	150	210	Vertical
5	2493.88	49.96	8.27	74.00	24.04	150	5	Vertical
6	2497.21	49.34	8.30	74.00	24.66	150	12	Vertical

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.

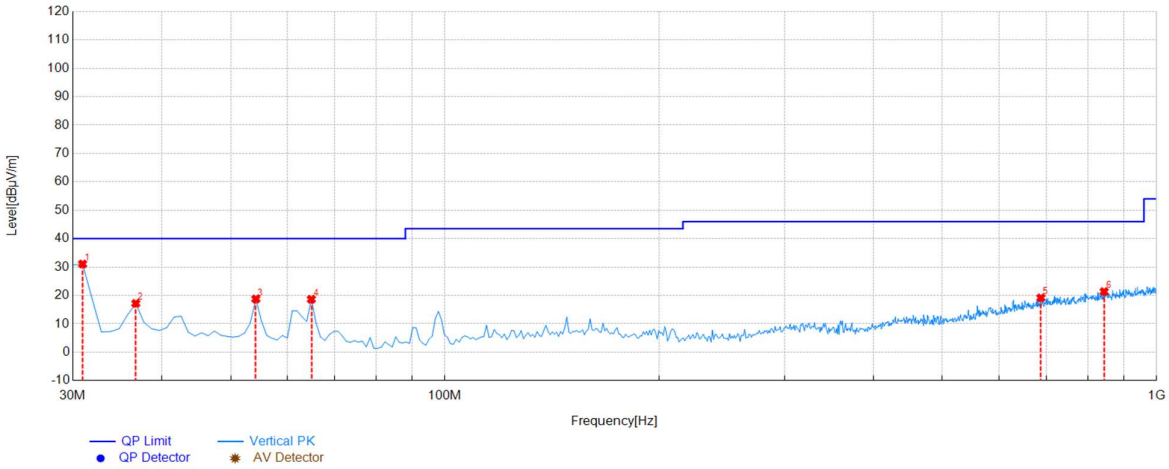
Appendix I: Spurious emissions

Mode:	1M 2402



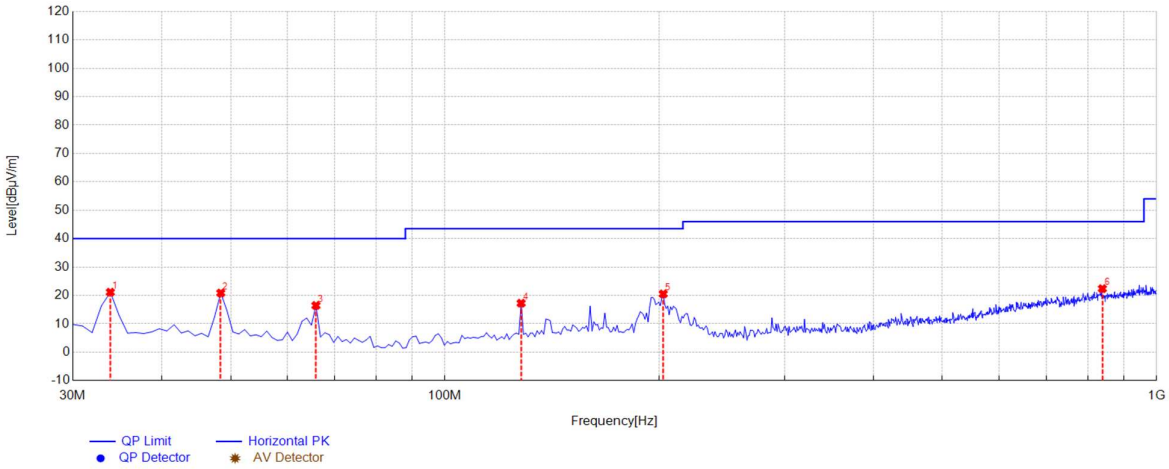
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	34.85	21.39	-11.14	40.00	18.61	150	220	Horizontal
2	36.79	19.26	-10.37	40.00	20.74	150	220	Horizontal
3	127.97	17.77	-11.63	43.50	25.73	150	150	Horizontal
4	195.87	18.96	-13.35	43.50	24.54	150	130	Horizontal
5	836.07	21.51	0.44	46.00	24.49	150	320	Horizontal
6	949.56	24.02	2.09	46.00	21.98	150	110	Horizontal

Mode:	1M 2402



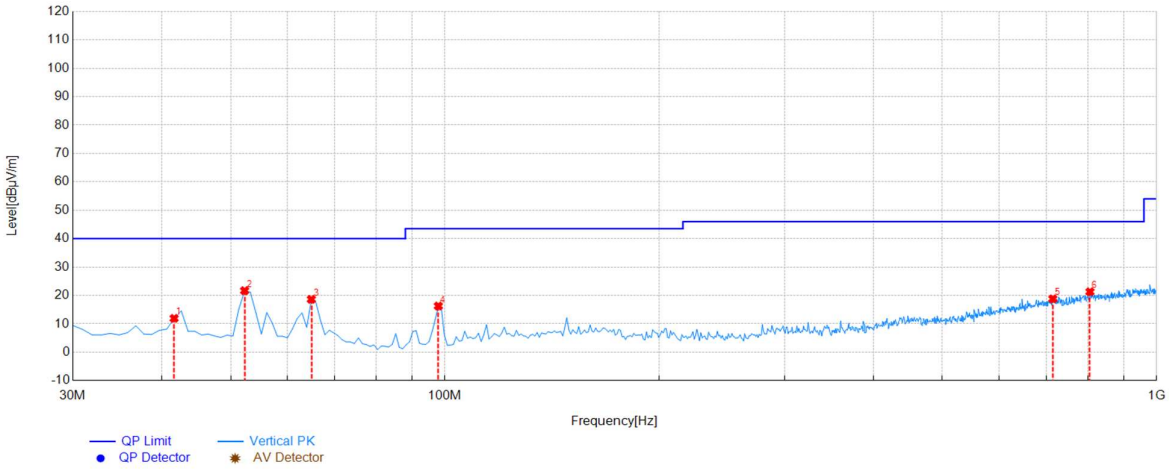
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	30.97	31.07	-10.12	40.00	8.93	150	160	Vertical
2	36.79	17.20	-10.37	40.00	22.80	150	350	Vertical
3	54.25	18.76	-11.83	40.00	21.24	150	80	Vertical
4	64.92	18.66	-13.04	40.00	21.34	150	200	Vertical
5	687.66	19.15	-1.74	46.00	26.85	150	120	Vertical
6	843.83	21.36	0.42	46.00	24.64	150	310	Vertical

Mode:	1M 2480



NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	33.88	21.15	-11.53	40.00	18.85	150	300	Horizontal
2	48.43	20.87	-11.29	40.00	19.13	150	130	Horizontal
3	65.89	16.47	-13.08	40.00	23.53	150	320	Horizontal
4	127.97	17.27	-11.63	43.50	26.23	150	150	Horizontal
5	202.66	20.54	-13.69	43.50	22.96	150	120	Horizontal
6	838.98	22.40	0.43	46.00	23.60	150	200	Horizontal

Mode:	1M 2480



NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	41.64	11.93	-9.99	40.00	28.07	150	220	Vertical
2	52.31	21.68	-11.66	40.00	18.32	150	320	Vertical
3	64.92	18.64	-13.04	40.00	21.36	150	200	Vertical
4	97.9	16.28	-14.63	43.50	27.22	150	350	Vertical
5	714.82	18.80	-1.30	46.00	27.20	150	60	Vertical
6	806	21.28	0.50	46.00	24.72	150	120	Vertical

Mode:	1M 2402

PK Final Data List								
NO.	Freq. [MHz]	Factor [dB/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3309	-16.52	39.44	74.00	34.56	150	283	Horizontal
2	4804.5	-12.68	58.19	74.00	15.81	163.1	89.7	Horizontal
3	7044	-9.73	41.52	74.00	32.48	150	341	Horizontal
4	9609	-6.34	44.03	74.00	29.97	150	194	Horizontal
5	13911	0.70	47.03	74.00	26.97	150	149	Horizontal
6	16986	5.26	50.92	74.00	23.08	150	336	Horizontal

AV Final Data List								
NO.	Freq. [MHz]	Factor [dB/m]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3309	-16.52	31.21	54.00	22.79	150	283	Horizontal
2	4804.5	-12.68	46.25	54.00	7.75	163.1	89.7	Horizontal
3	7044	-9.73	32.60	54.00	21.40	150	341	Horizontal
4	9609	-6.34	37.16	54.00	16.84	150	194	Horizontal
5	13911	0.70	39.84	54.00	14.16	150	149	Horizontal
6	16986	5.26	41.83	54.00	12.17	150	336	Horizontal

Mode:	1M 2402

PK Final Data List								
NO.	Freq. [MHz]	Factor [dB/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4804.47	-12.68	61.55	74.00	12.45	111.3	131.9	Vertical
2	5721	-11.24	43.32	74.00	30.68	150	243	Vertical
3	7890	-8.58	42.48	74.00	31.52	150	229	Vertical
4	9606	-6.34	46.57	74.00	27.43	150	191	Vertical
5	12012	-2.28	45.70	74.00	28.30	150	116	Vertical
6	15111	3.94	49.02	74.00	24.98	150	300	Vertical

AV Final Data List								
NO.	Freq. [MHz]	Factor [dB/m]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4804.47	-12.68	50.10	54.00	3.90	111.3	131.9	Vertical
2	5721	-11.24	33.35	54.00	20.65	150	243	Vertical
3	7890	-8.58	34.63	54.00	19.37	150	229	Vertical
4	9606	-6.34	34.35	54.00	19.65	150	191	Vertical
5	12012	-2.28	39.21	54.00	14.79	150	116	Vertical
6	15111	3.94	41.16	54.00	12.84	150	300	Vertical

Mode:	1M 2440

PK Final Data List								
NO.	Freq. [MHz]	Factor [dB/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4878	-13.72	47.68	74.00	26.32	150	116	Horizontal
2	6429	-10.26	42.63	74.00	31.37	150	159	Horizontal
3	9372	-6.41	43.56	74.00	30.44	150	248	Horizontal
4	11859	-2.36	44.01	74.00	29.99	150	98	Horizontal
5	15105	4.02	48.40	74.00	25.60	150	355	Horizontal
6	17724	5.48	51.10	74.00	22.90	150	313	Horizontal

AV Final Data List								
NO.	Freq. [MHz]	Factor [dB/m]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4878	-13.72	32.42	54.00	21.58	150	116	Horizontal
2	6429	-10.26	33.29	54.00	20.71	150	159	Horizontal
3	9372	-6.41	34.82	54.00	19.18	150	248	Horizontal
4	11859	-2.36	36.13	54.00	17.87	150	98	Horizontal
5	15105	4.02	39.57	54.00	14.43	150	355	Horizontal
6	17724	5.48	42.34	54.00	11.66	150	313	Horizontal

Mode:	1M 2440

PK Final Data List								
NO.	Freq. [MHz]	Factor [dB/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4878	-13.72	49.62	74.00	24.38	150	151	Vertical
2	5760	-11.28	41.65	74.00	32.35	150	114	Vertical
3	7683	-9.23	42.31	74.00	31.69	150	267	Vertical
4	10032	-5.00	43.89	74.00	30.11	150	276	Vertical
5	13188	0.53	45.56	74.00	28.44	150	290	Vertical
6	16653	4.38	48.17	74.00	25.83	150	188	Vertical

AV Final Data List								
NO.	Freq. [MHz]	Factor [dB/m]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4878	-13.72	30.58	54.00	23.42	150	151	Vertical
2	5760	-11.28	33.69	54.00	20.31	150	114	Vertical
3	7683	-9.23	33.38	54.00	20.62	150	267	Vertical
4	10032	-5.00	34.84	54.00	19.16	150	276	Vertical
5	13188	0.53	37.88	54.00	16.12	150	290	Vertical
6	16653	4.38	40.03	54.00	13.97	150	188	Vertical

Mode:	1M 2480

PK Final Data List								
NO.	Freq. [MHz]	Factor [dB/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3861	-15.26	39.68	74.00	34.32	150	85	Horizontal
2	4962	-13.32	50.56	74.00	23.44	150	72	Horizontal
3	6045	-9.64	41.54	74.00	32.46	150	253	Horizontal
4	7440	-9.63	42.81	74.00	31.19	150	48	Horizontal
5	10956	-3.76	44.46	74.00	29.54	150	188	Horizontal
6	14316	1.21	45.40	74.00	28.60	150	221	Horizontal

AV Final Data List								
NO.	Freq. [MHz]	Factor [dB/m]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3861	-15.26	31.67	54.00	22.33	150	85	Horizontal
2	4962	-13.32	44.66	54.00	9.34	150	72	Horizontal
3	6045	-9.64	34.26	54.00	19.74	150	253	Horizontal
4	7440	-9.63	31.83	54.00	22.17	150	48	Horizontal
5	10956	-3.76	36.31	54.00	17.69	150	188	Horizontal
6	14316	1.21	38.41	54.00	15.59	150	221	Horizontal

Mode:	1M 2480

PK Final Data List								
NO.	Freq. [MHz]	Factor [dB/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4960.29	-13.35	58.77	74.00	15.23	149	303.7	Vertical
2	5760	-11.28	42.54	74.00	31.46	150	23	Vertical
3	6972	-9.76	42.64	74.00	31.36	150	60	Vertical
4	7716	-9.08	42.18	74.00	31.82	150	1	Vertical
5	9963	-5.00	42.82	74.00	31.18	150	270	Vertical
6	15447	3.60	47.79	74.00	26.21	150	1	Vertical

AV Final Data List								
NO.	Freq. [MHz]	Factor [dB/m]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4960.29	-13.35	48.41	54.00	5.59	149	303.7	Vertical
2	5760	-11.28	33.41	54.00	20.59	150	23	Vertical
3	6972	-9.76	32.89	54.00	21.11	150	60	Vertical
4	7716	-9.08	33.24	54.00	20.76	150	1	Vertical
5	9963	-5.00	34.68	54.00	19.32	150	270	Vertical
6	15447	3.60	40.25	54.00	13.75	150	1	Vertical

Mode:	2M 2402

PK Final Data List								
NO.	Freq. [MHz]	Factor [dB/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4806	-12.71	48.26	74.00	25.74	150	42	Horizontal
2	6021	-9.51	42.25	74.00	31.75	150	42	Horizontal
3	7869	-8.70	41.80	74.00	32.20	150	324	Horizontal
4	11031	-3.48	44.06	74.00	29.94	150	328	Horizontal
5	15255	2.43	47.51	74.00	26.49	150	314	Horizontal
6	17451	5.42	50.56	74.00	23.44	150	231	Horizontal

AV Final Data List								
NO.	Freq. [MHz]	Factor [dB/m]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4806	-12.71	42.30	54.00	11.70	150	42	Horizontal
2	6021	-9.51	34.01	54.00	19.99	150	42	Horizontal
3	7869	-8.70	32.53	54.00	21.47	150	324	Horizontal
4	11031	-3.48	35.92	54.00	18.08	150	328	Horizontal
5	15255	2.43	38.11	54.00	15.89	150	314	Horizontal
6	17451	5.42	41.82	54.00	12.18	150	231	Horizontal

Mode:	2M 2402

PK Final Data List								
NO.	Freq. [MHz]	Factor [dB/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4813.26	-12.68	54.98	74.00	19.02	121.6	42.8	Vertical
2	5760	-11.28	41.55	74.00	32.45	150	125	Vertical
3	9024	-7.40	41.74	74.00	32.26	150	265	Vertical
4	11574	-2.77	45.25	74.00	28.75	150	102	Vertical
5	13647	-0.02	46.14	74.00	27.86	150	284	Vertical
6	17799	5.72	51.03	74.00	22.97	150	176	Vertical

AV Final Data List								
NO.	Freq. [MHz]	Factor [dB/m]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4813.26	-12.68	40.48	54.00	13.52	121.6	42.8	Vertical
2	5760	-11.28	32.18	54.00	21.82	150	125	Vertical
3	9024	-7.40	34.20	54.00	19.80	150	265	Vertical
4	11574	-2.77	35.79	54.00	18.21	150	102	Vertical
5	13647	-0.02	38.29	54.00	15.71	150	284	Vertical
6	17799	5.72	41.74	54.00	12.26	150	176	Vertical

Mode:	2M 2440

PK Final Data List								
NO.	Freq. [MHz]	Factor [dB/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6039	-9.61	42.53	74.00	31.47	150	154	Horizontal
2	7731	-9.08	41.86	74.00	32.14	150	242	Horizontal
3	9900	-5.43	42.71	74.00	31.29	150	168	Horizontal
4	12201	-2.38	44.77	74.00	29.23	150	33	Horizontal
5	17526	5.83	49.78	74.00	24.22	150	280	Horizontal

AV Final Data List								
NO.	Freq. [MHz]	Factor [dB/m]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6039	-9.61	34.53	54.00	19.47	150	154	Horizontal
2	7731	-9.08	33.14	54.00	20.86	150	242	Horizontal
3	9900	-5.43	35.09	54.00	18.91	150	168	Horizontal
4	12201	-2.38	35.87	54.00	18.13	150	33	Horizontal
5	17526	5.83	41.36	54.00	12.64	150	280	Horizontal

Mode:	2M 2440

PK Final Data List								
NO.	Freq. [MHz]	Factor [dB/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4880.01	-13.75	57.41	74.00	16.59	120.6	302.5	Vertical
2	5760	-11.28	42.17	74.00	31.83	150	169	Vertical
3	7320	-10.27	42.05	74.00	31.95	150	299	Vertical
4	9960	-5.03	43.65	74.00	30.35	150	114	Vertical
5	14349	1.02	45.75	74.00	28.25	150	299	Vertical
6	17505	6.16	50.08	74.00	23.92	150	104	Vertical

AV Final Data List								
NO.	Freq. [MHz]	Factor [dB/m]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4880.01	-13.75	51.05	54.00	2.95	120.6	302.5	Vertical
2	5760	-11.28	31.80	54.00	22.20	150	169	Vertical
3	7320	-10.27	31.50	54.00	22.50	150	299	Vertical
4	9960	-5.03	36.20	54.00	17.80	150	114	Vertical
5	14349	1.02	38.02	54.00	15.98	150	299	Vertical
6	17505	6.16	43.10	54.00	10.90	150	104	Vertical

Mode:	2M 2480

PK Final Data List								
NO.	Freq. [MHz]	Factor [dB/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4962	-13.32	47.58	74.00	26.42	150	5	Horizontal
2	6345	-10.37	41.85	74.00	32.15	150	135	Horizontal
3	9279	-6.70	43.12	74.00	30.88	150	24	Horizontal
4	10272	-5.64	43.14	74.00	30.86	150	116	Horizontal
5	13614	-0.37	45.22	74.00	28.78	150	172	Horizontal
6	17532	5.73	50.35	74.00	23.65	150	246	Horizontal

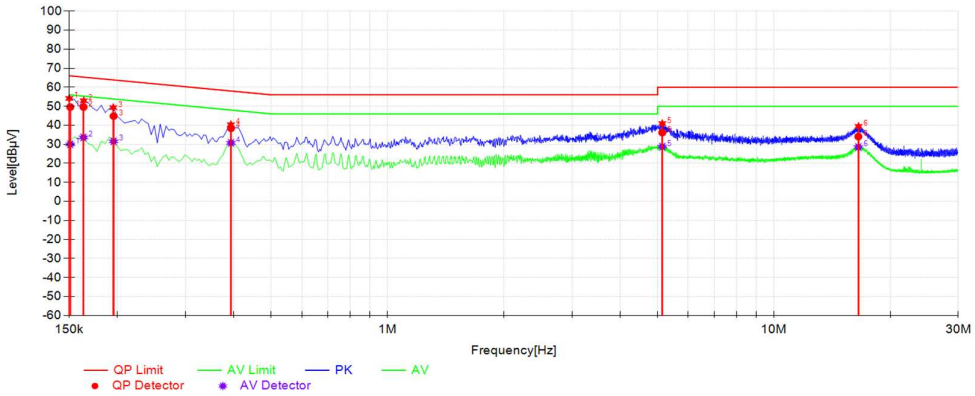
AV Final Data List								
NO.	Freq. [MHz]	Factor [dB/m]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4962	-13.32	42.08	54.00	11.92	150	5	Horizontal
2	6345	-10.37	32.90	54.00	21.10	150	135	Horizontal
3	9279	-6.70	33.94	54.00	20.06	150	24	Horizontal
4	10272	-5.64	35.60	54.00	18.40	150	116	Horizontal
5	13614	-0.37	36.28	54.00	17.72	150	172	Horizontal
6	17532	5.73	41.31	54.00	12.69	150	246	Horizontal

Mode:	2M 2480

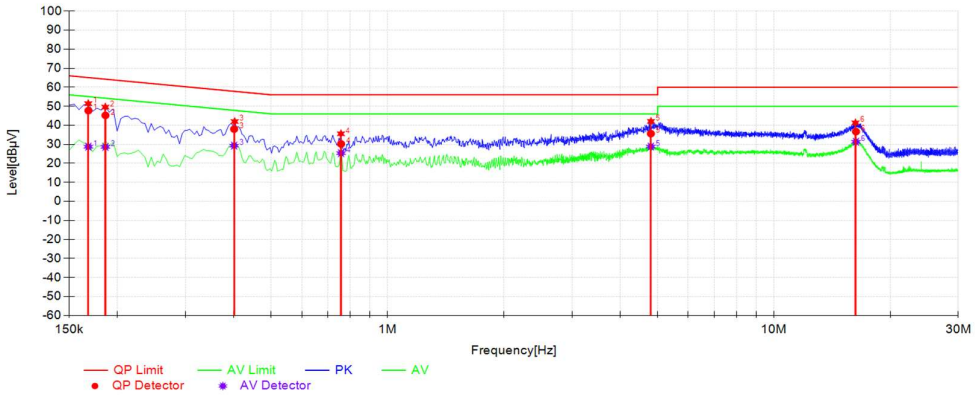
PK Final Data List								
NO.	Freq. [MHz]	Factor [dB/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3828	-15.51	40.06	74.00	33.94	150	129	Vertical
2	4959	-13.35	49.26	74.00	24.74	150	115	Vertical
3	6021	-9.51	43.16	74.00	30.84	150	236	Vertical
4	7902	-8.54	41.10	74.00	32.90	150	263	Vertical
5	11016	-3.48	44.74	74.00	29.26	150	254	Vertical
6	17502	6.21	50.98	74.00	23.02	150	218	Vertical

AV Final Data List								
NO.	Freq. [MHz]	Factor [dB/m]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3828	-15.51	30.63	54.00	23.37	150	129	Vertical
2	4959	-13.35	32.95	54.00	21.05	150	115	Vertical
3	6021	-9.51	34.20	54.00	19.80	150	236	Vertical
4	7902	-8.54	33.45	54.00	20.55	150	263	Vertical
5	11016	-3.48	36.23	54.00	17.77	150	254	Vertical
6	17502	6.21	41.78	54.00	12.22	150	218	Vertical

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]	Polarity	Verdict
1	0.1509	10.26	49.57	65.95	16.38	29.99	55.95	25.96	L1	PASS
2	0.1633	10.26	49.59	65.29	15.70	33.60	55.29	21.69	L1	PASS
3	0.1954	10.26	44.81	63.80	18.99	31.56	53.80	22.24	L1	PASS
4	0.3933	10.26	38.45	57.99	19.54	30.74	47.99	17.25	L1	PASS
5	5.1415	10.35	36.15	60.00	23.85	28.76	50.00	21.24	L1	PASS
6	16.5367	10.56	34.06	60.00	25.94	28.54	50.00	21.46	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]	Polarity	Verdict
1	0.1681	10.26	47.71	65.05	17.34	28.73	55.05	26.32	N	PASS
2	0.1861	10.26	45.22	64.21	18.99	28.63	54.21	25.58	N	PASS
3	0.4007	10.26	37.99	57.84	19.85	29.28	47.84	18.56	N	PASS
4	0.7580	10.28	30.20	56.00	25.80	25.36	46.00	20.64	N	PASS
5	4.8031	10.41	35.61	56.00	20.39	28.79	46.00	17.21	N	PASS
6	16.3080	10.59	36.68	60.00	23.32	31.31	50.00	18.69	N	PASS