

Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.700	2401.628	2402.328	0.5	PASS
		2440	0.700	2439.628	2440.328	0.5	PASS
		2480	0.732	2479.608	2480.340	0.5	PASS
BLE_2M	Ant1	2404	1.432	2403.220	2404.652	0.5	PASS
		2440	1.348	2439.252	2440.600	0.5	PASS
		2478	1.356	2477.232	2478.588	0.5	PASS
BLE_125K	Ant1	2402	0.708	2401.628	2402.336	0.5	PASS
		2440	0.708	2439.624	2440.332	0.5	PASS
		2480	0.712	2479.620	2480.332	0.5	PASS

Test Graphs

BLE_1M_Ant1_2402



BLE_1M_Ant1_2440



BLE_1M_Ant1_2480



BLE_2M_Ant1_2404



BLE_2M_Ant1_2440



BLE_2M_Ant1_2478



BLE_125K_Ant1_2402



BLE_125K_Ant1_2440



BLE_125K_Ant1_2480



Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.2082	2401.3716	2402.5798	---	---
		2440	1.2129	2439.3746	2440.5875	---	---
		2480	1.2125	2479.3756	2480.5881	---	---
BLE_2M	Ant1	2404	2.3679	2402.8080	2405.1759	---	---
		2440	2.3576	2438.8108	2441.1684	---	---
		2478	2.3803	2476.7999	2479.1802	---	---
BLE_125K	Ant1	2402	1.2051	2401.3806	2402.5857	---	---
		2440	1.2009	2439.3778	2440.5787	---	---
		2480	1.1890	2479.3855	2480.5745	---	---

Test Graphs

BLE_1M_Ant1_2402



BLE_1M_Ant1_2440



BLE_1M_Ant1_2480



BLE_2M_Ant1_2404



BLE_2M_Ant1_2440



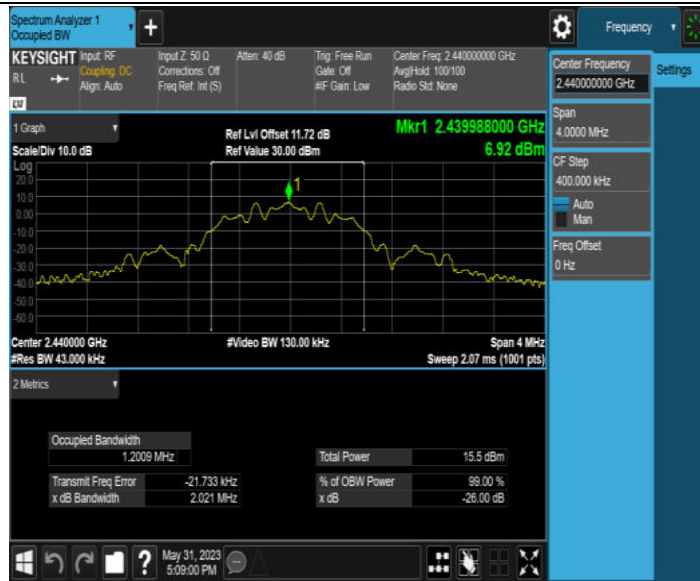
BLE_2M_Ant1_2478



BLE_125K_Ant1_2402



BLE_125K_Ant1_2440



BLE_125K_Ant1_2480



Appendix C: Maximum conducted output power

Test Result

TestMode	Antenna	Frequency[MHz]	Conducted Power[dBm]	Conducted Limit[dBm]	EIRP[dBm]	EIRP Limit[dBm]	Verdict
BLE_1M	Ant1	2402	13.12	≤30	15.92	≤36	PASS
		2440	14.43	≤30	17.23	≤36	PASS
		2480	13.15	≤30	15.95	≤36	PASS
BLE_2M	Ant1	2404	12.86	≤30	15.66	≤36	PASS
		2440	14.21	≤30	17.01	≤36	PASS
		2478	12.94	≤30	15.74	≤36	PASS
BLE_125K	Ant1	2402	12.27	≤30	15.07	≤36	PASS
		2440	12.41	≤30	15.21	≤36	PASS
		2480	12.02	≤30	14.82	≤36	PASS

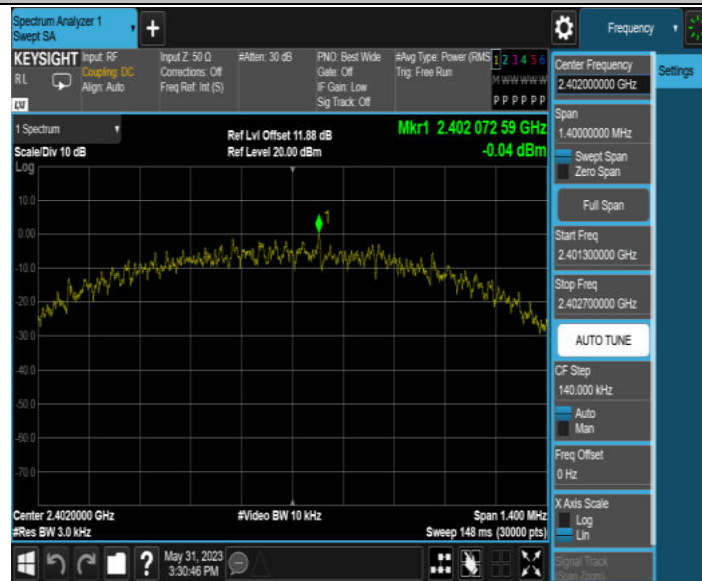
Appendix D: Maximum power spectral density

Test Result

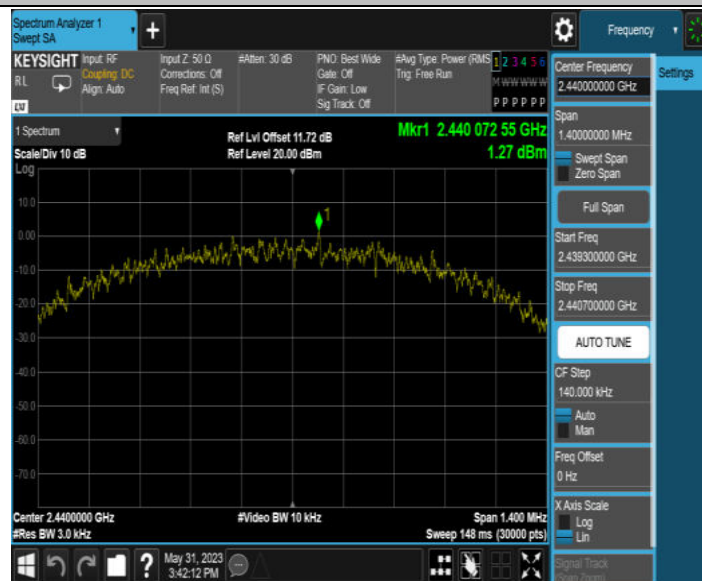
TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-0.04	≤8.00	PASS
		2440	1.27	≤8.00	PASS
		2480	-0.11	≤8.00	PASS
BLE_2M	Ant1	2404	-4.93	≤8.00	PASS
		2440	-3.42	≤8.00	PASS
		2478	-4.96	≤8.00	PASS
BLE_125K	Ant1	2402	5.27	≤8.00	PASS
		2440	5.42	≤8.00	PASS
		2480	5.05	≤8.00	PASS

Test Graphs

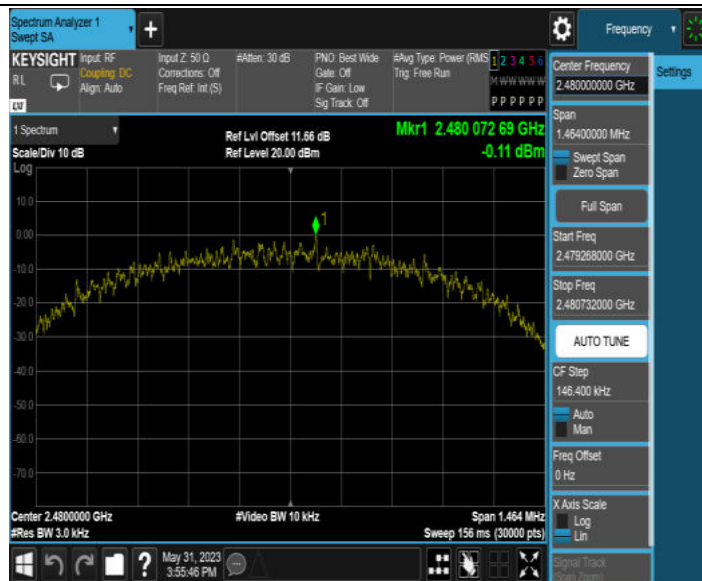
BLE_1M_Ant1_2402



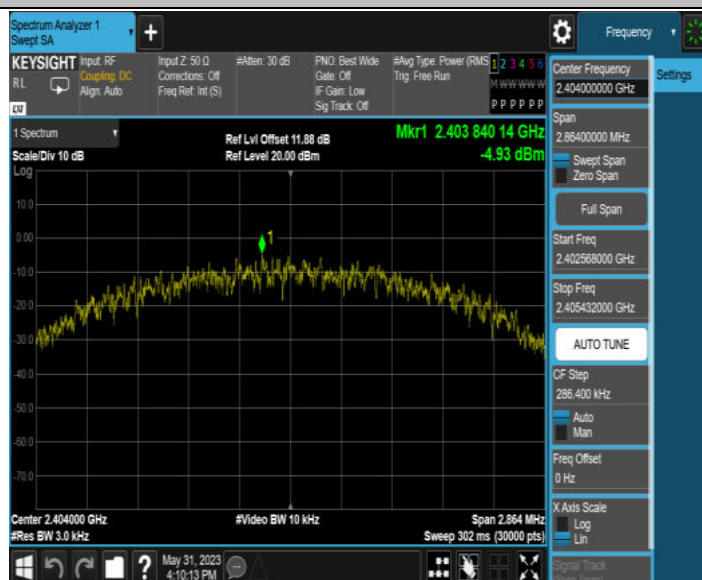
BLE_1M_Ant1_2440



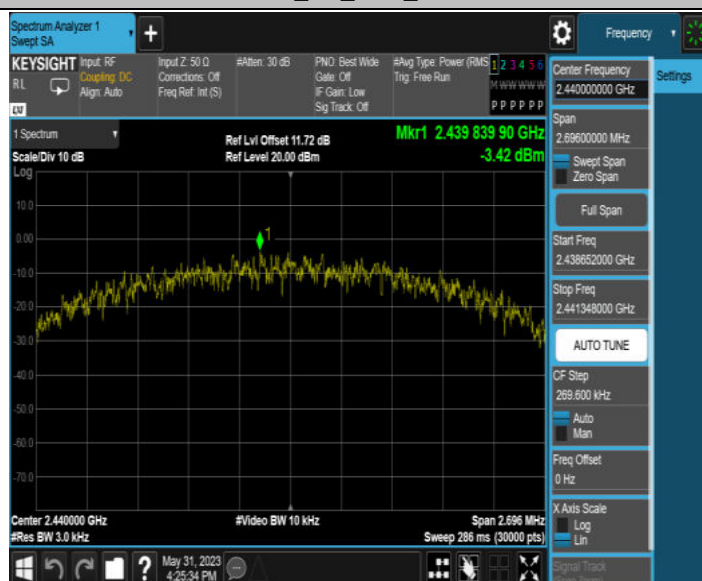
BLE_1M_Ant1_2480



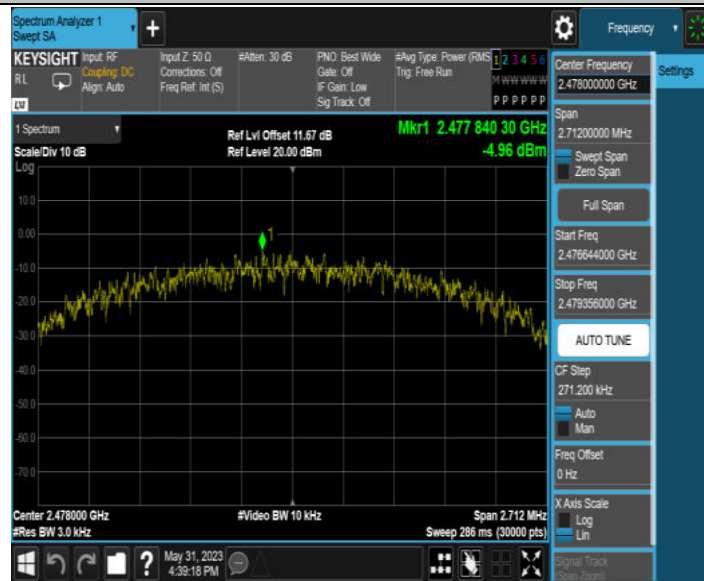
BLE_2M_Ant1_2404



BLE_2M_Ant1_2440



BLE_2M_Ant1_2478



BLE_125K_Ant1_2402



BLE_125K_Ant1_2440



BLE_125K_Ant1_2480



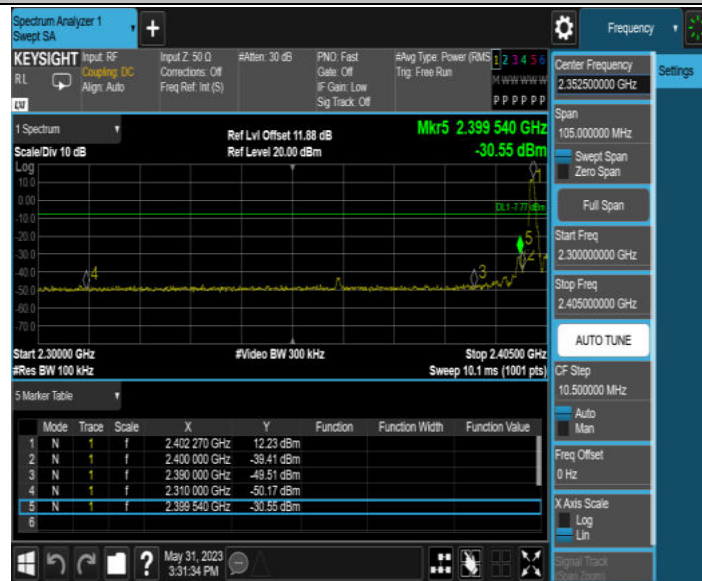
Appendix E: Band edge measurements

Test Result

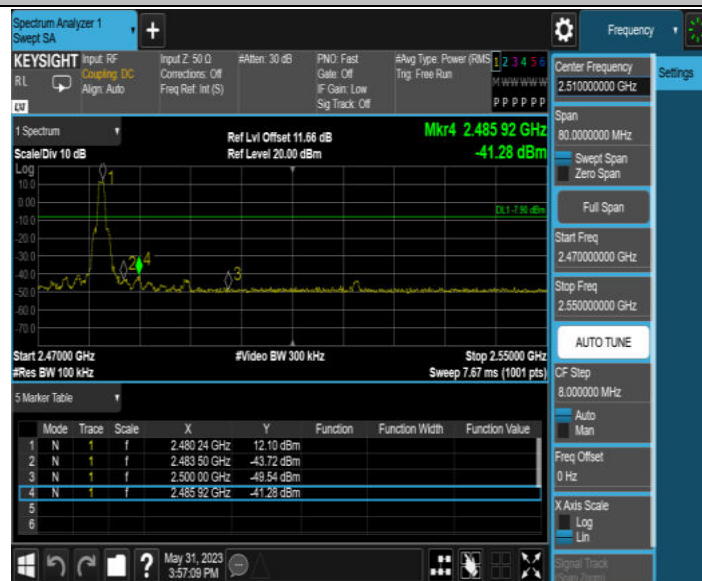
TestMode	Antenna	Channel	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	12.23	-30.55	≤-7.77	PASS
		High	2480	12.10	-41.28	≤-7.9	PASS
BLE_2M	Ant1	Low	2404	10.41	-41.8	≤-9.59	PASS
		High	2478	10.27	-41.29	≤-9.73	PASS
BLE_125K	Ant1	Low	2402	8.02	-33.47	≤-11.98	PASS
		High	2480	7.84	-43.91	≤-12.17	PASS

Test Graphs

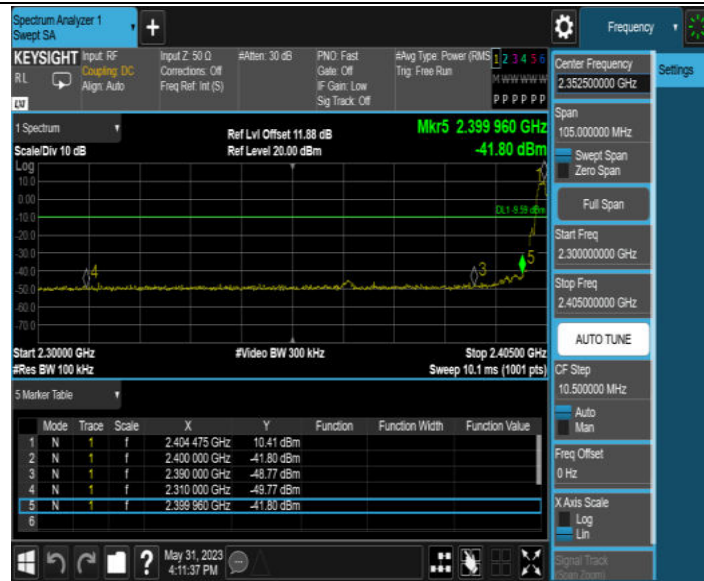
BLE_1M_Ant1_Low_2402



BLE_1M_Ant1_High_2480



BLE_2M_Ant1_Low_2404



BLE_2M_Ant1_High_2478



BLE_125K_Ant1_Low_2402



BLE_125K_Ant1_High_2480



Appendix F: Conducted Spurious Emission

Test Result

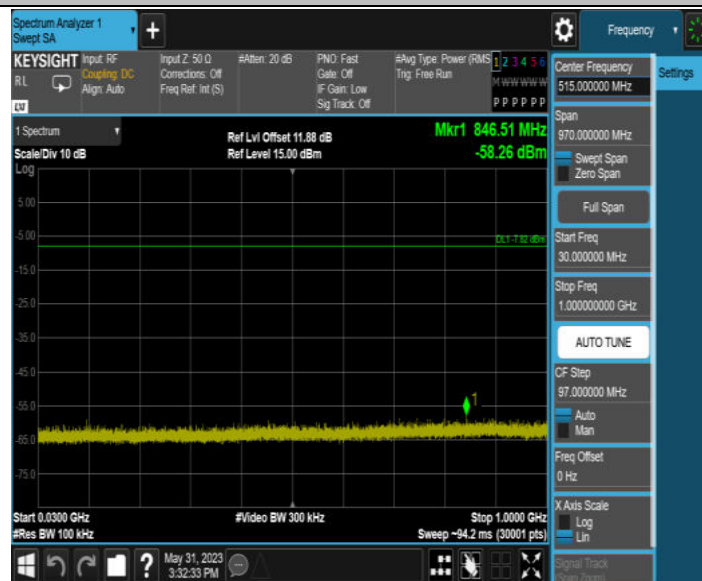
TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	Reference	12.18	12.18	---	PASS
			30~1000	12.18	-58.26	≤-7.82	PASS
			1000~26500	12.18	-50.33	≤-7.82	PASS
		2440	Reference	13.55	13.55	---	PASS
			30~1000	13.55	-58.52	≤-6.45	PASS
			1000~26500	13.55	-49.95	≤-6.45	PASS
		2480	Reference	12.19	12.19	---	PASS
			30~1000	12.19	-58.38	≤-7.81	PASS
			1000~26500	12.19	-49.95	≤-7.81	PASS
BLE_2M	Ant1	2404	Reference	10.18	10.18	---	PASS
			30~1000	10.18	-58.21	≤-9.82	PASS
			1000~26500	10.18	-49.66	≤-9.82	PASS
		2440	Reference	11.51	11.51	---	PASS
			30~1000	11.51	-58.32	≤-8.49	PASS
			1000~26500	11.51	-50.02	≤-8.49	PASS
		2478	Reference	10.16	10.16	---	PASS
			30~1000	10.16	-58.47	≤-9.84	PASS
			1000~26500	10.16	-50.17	≤-9.84	PASS
BLE_125K	Ant1	2402	Reference	7.96	7.96	---	PASS
			30~1000	7.96	-58.52	≤-12.04	PASS
			1000~26500	7.96	-49.81	≤-12.04	PASS
		2440	Reference	8.40	8.40	---	PASS
			30~1000	8.40	-57.91	≤-11.6	PASS
			1000~26500	8.40	-50.33	≤-11.6	PASS
		2480	Reference	7.84	7.84	---	PASS
			30~1000	7.84	-57.99	≤-12.16	PASS
			1000~26500	7.84	-50.03	≤-12.16	PASS

Test Graphs

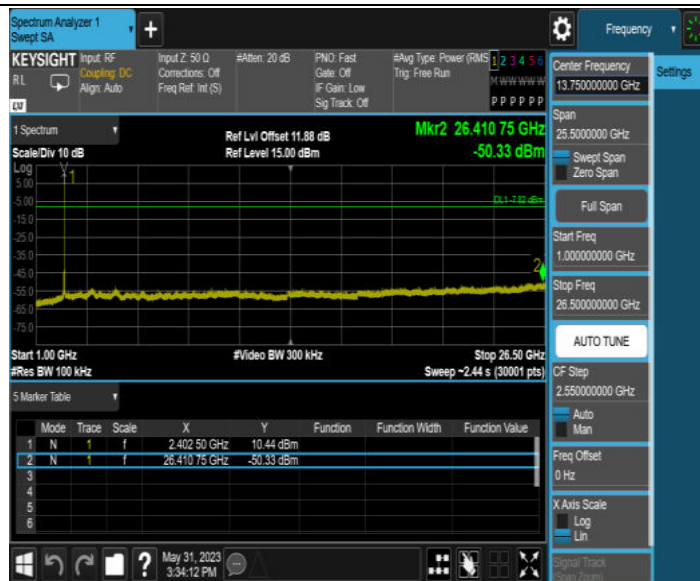
BLE_1M_Ant1_2402_0~Reference



BLE_1M_Ant1_2402_30~1000



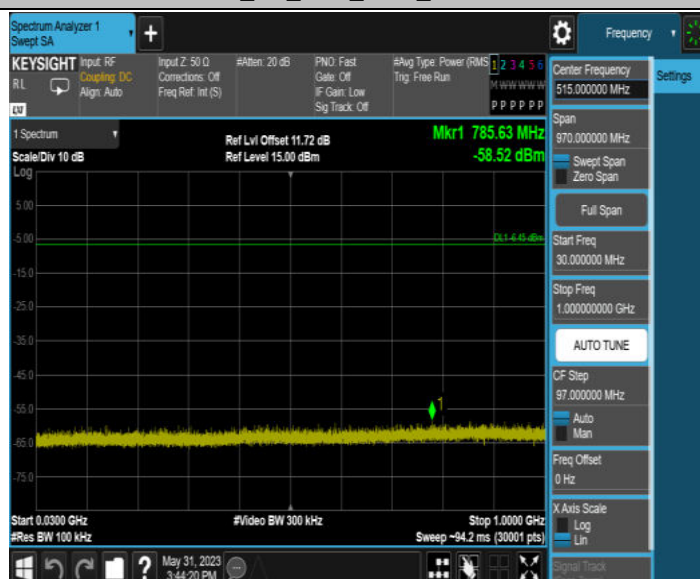
BLE_1M_Ant1_2402_1000~26500



BLE_1M_Ant1_2440_0~Reference



BLE_1M_Ant1_2440_30~1000



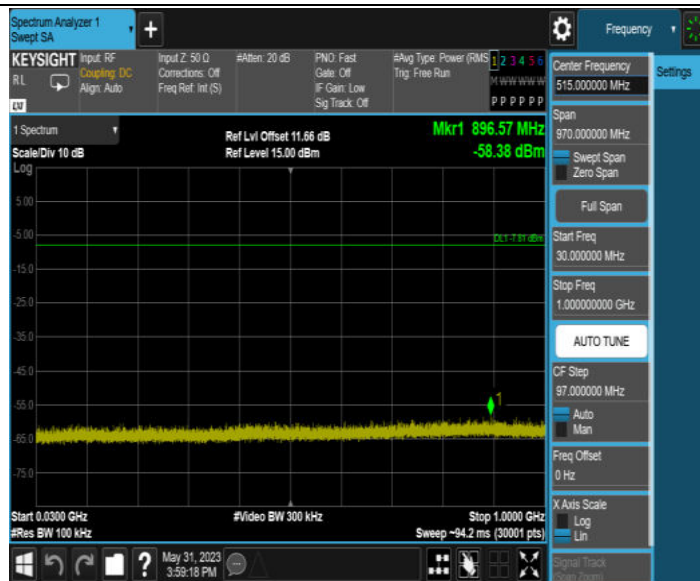
BLE_1M_Ant1_2440_1000~26500



BLE_1M_Ant1_2480_0~Reference



BLE_1M_Ant1_2480_30~1000



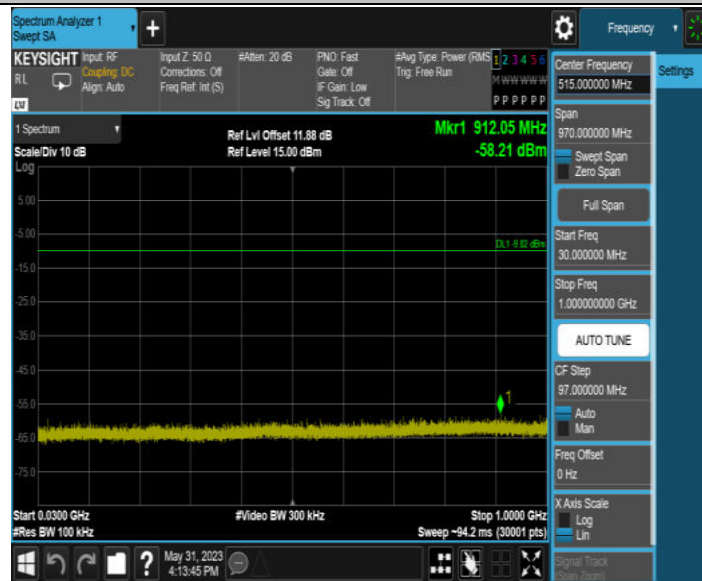
BLE_1M_Ant1_2480_1000~26500



BLE_2M_Ant1_2404_0~Reference



BLE_2M_Ant1_2404_30~1000



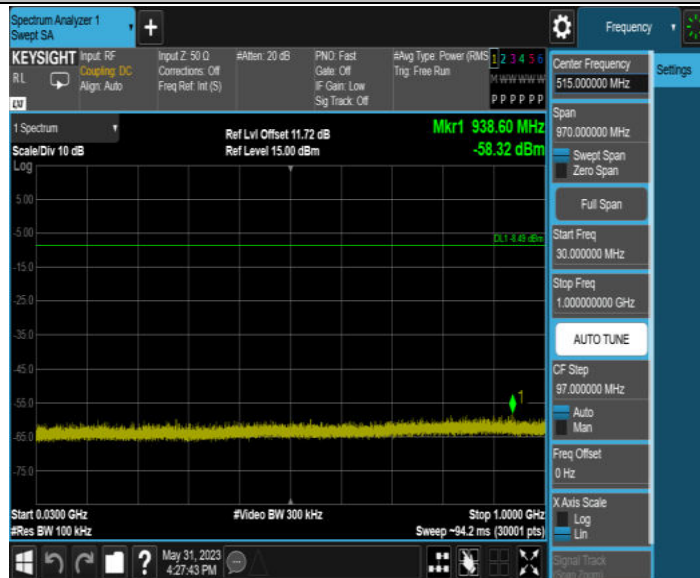
BLE_2M_Ant1_2404_1000~26500



BLE_2M_Ant1_2440_0~Reference



BLE_2M_Ant1_2440_30~1000



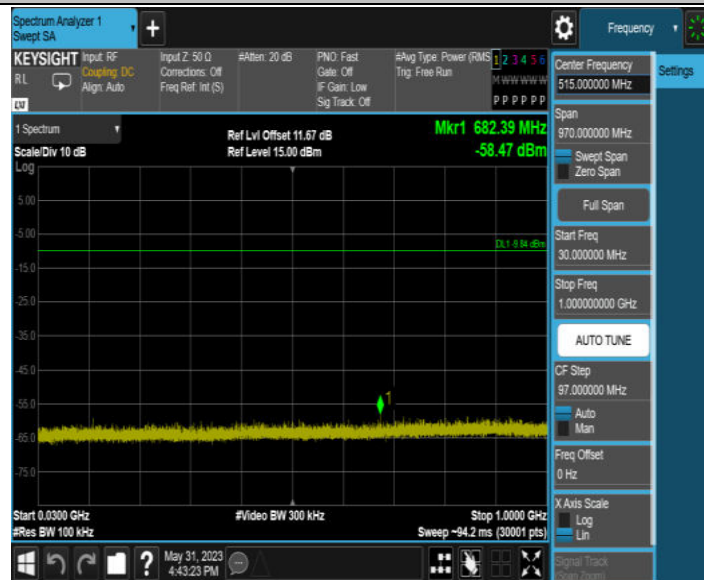
BLE_2M_Ant1_2440_1000~26500



BLE_2M_Ant1_2478_0~Reference



BLE_2M_Ant1_2478_30~1000



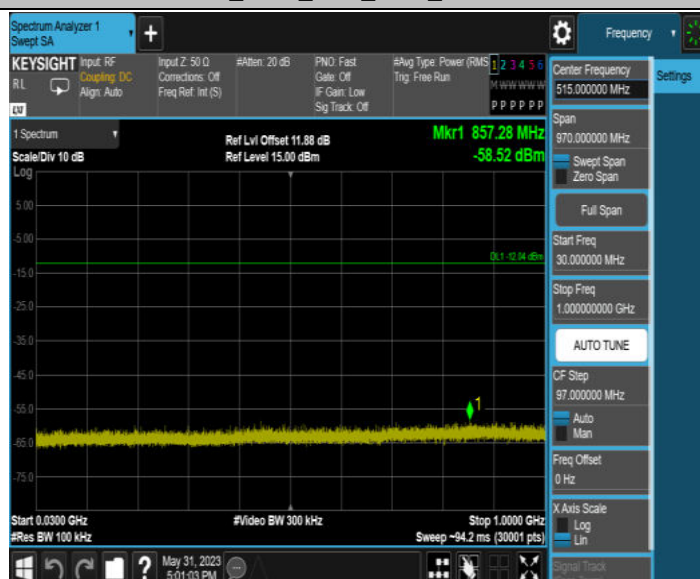
BLE_2M_Ant1_2478_1000~26500



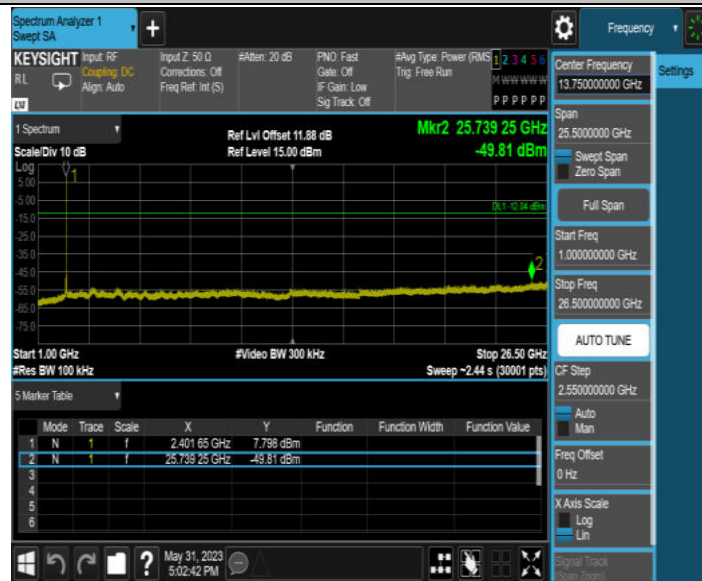
BLE_125K_Ant1_2402_0~Reference



BLE_125K_Ant1_2402_30~1000



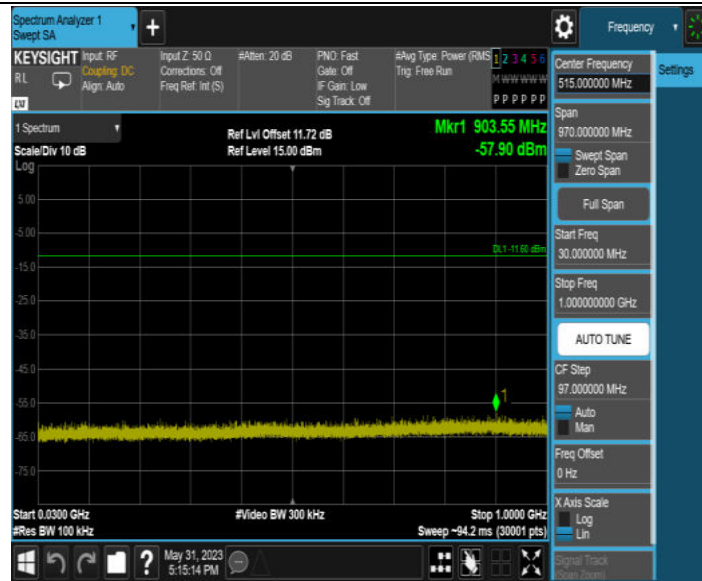
BLE_125K_Ant1_2402_1000~26500



BLE_125K_Ant1_2440_0~Reference



BLE_125K_Ant1_2440_30~1000



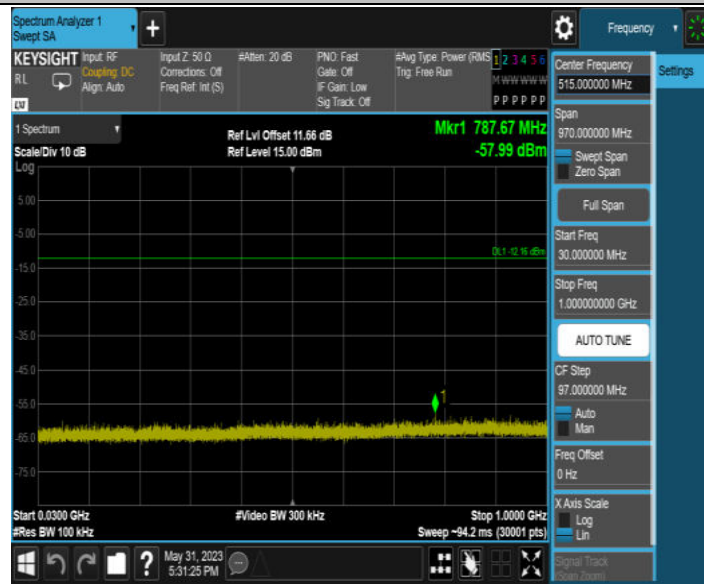
BLE_125K_Ant1_2440_1000~26500



BLE_125K_Ant1_2480_0~Reference



BLE_125K_Ant1_2480_30~1000



BLE_125K_Ant1_2480_1000~26500



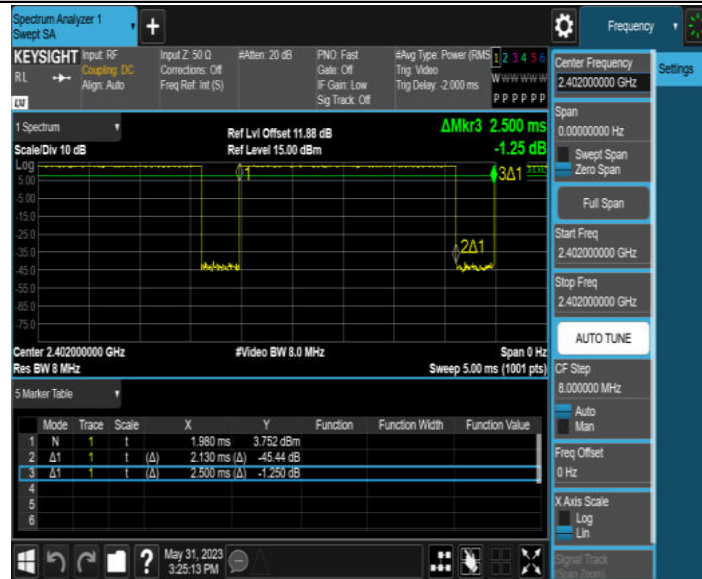
Appendix G: Duty Cycle

Test Result

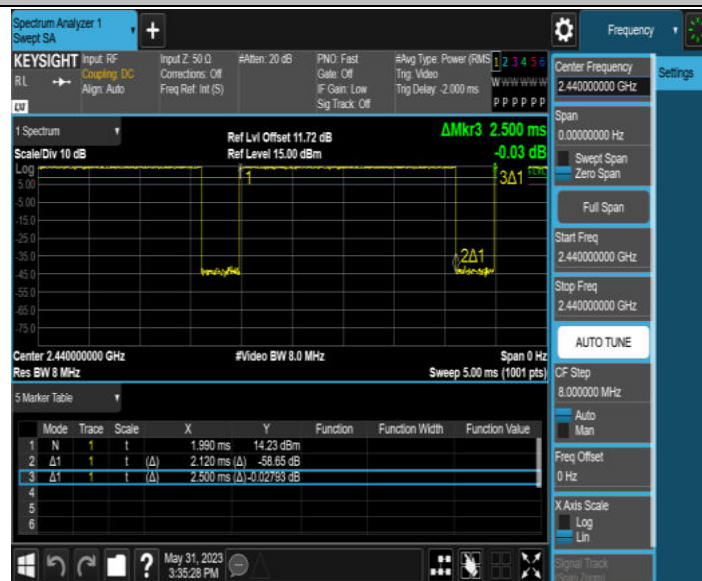
TestMode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]
BLE_1M	Ant1	2402	2.13	2.50	85.20
		2440	2.12	2.50	84.80
		2480	2.12	2.50	84.80
BLE_2M	Ant1	2404	0.89	1.25	71.20
		2440	0.89	1.25	71.20
		2478	0.89	1.25	71.20
BLE_125K	Ant1	2402	17.03	17.50	97.31
		2440	17.03	17.50	97.31
		2480	17.03	17.50	97.31

Test Graphs

BLE_1M_Ant1_2402



BLE_1M_Ant1_2440



BLE_1M_Ant1_2480



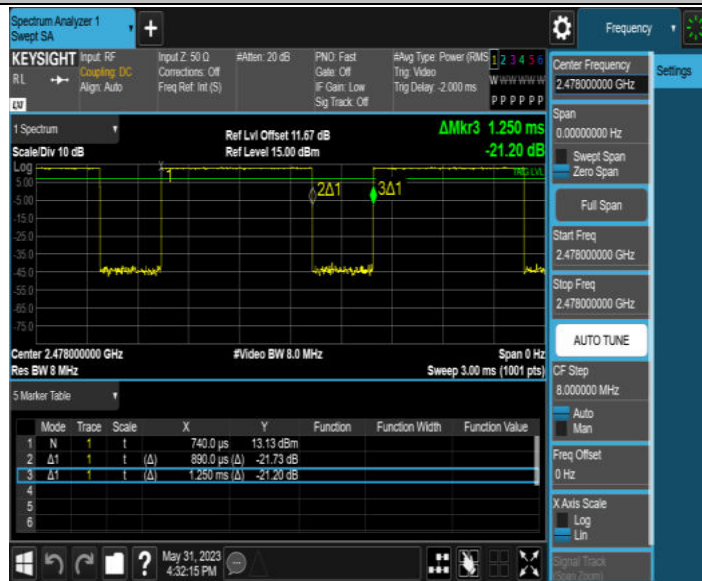
BLE_2M_Ant1_2404



BLE_2M_Ant1_2440



BLE_2M_Ant1_2478



BLE_125K_Ant1_2402



BLE_125K_Ant1_2440



BLE_125K_Ant1_2480



Appendix I: Emissions in Restricted Bands

RS916AC0 Test Result

Mode:	BLE 1M-2402
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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	7.84	44.92	74.00	29.08	43.15	54.00	10.85	155	36	Horizontal	PASS
2	2322.24	8.11	47.15	74.00	26.85	44.71	54.00	9.29	155	121	Horizontal	PASS
3	2347.2	8.01	47.60	74.00	26.40	44.49	54.00	9.51	155	307	Horizontal	PASS
4	2361.5999	8.29	51.07	74.00	22.93	50.39	54.00	3.61	155	181.8	Horizontal	PASS
5	2385.92	9.20	51.37	74.00	22.63	44.68	54.00	9.32	155	177	Horizontal	PASS
6	2390	9.32	49.44	74.00	24.56	47.62	54.00	6.38	155	2	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	7.84	45.56	74.00	28.44	42.73	54.00	11.27	155	197	Vertical	PASS
2	2329.68	8.06	48.80	74.00	25.20	42.41	54.00	11.59	155	176	Vertical	PASS
3	2350.48	8.23	46.71	74.00	27.29	45.14	54.00	8.86	155	200	Vertical	PASS
4	2361.84	8.21	47.18	74.00	26.82	43.80	54.00	10.20	155	58	Vertical	PASS
5	2378.24	8.77	48.55	74.00	25.45	43.94	54.00	10.06	155	211	Vertical	PASS
6	2390	9.32	46.72	74.00	27.28	45.28	54.00	8.72	155	107	Vertical	PASS

Mode:	BLE 1M-2480
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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	2483.5007	9.65	52.14	74.00	21.86	50.66	54.00	3.34	155	141	Horizontal	PASS
2	2483.7307	9.63	50.63	74.00	23.37	49.71	54.00	4.29	155	11	Horizontal	PASS
3	2484.0282	9.61	49.43	74.00	24.57	48.23	54.00	5.77	155	141	Horizontal	PASS
4	2484.8865	9.57	50.79	74.00	23.21	49.74	54.00	4.26	155	11	Horizontal	PASS
5	2485.5132	9.33	49.58	74.00	24.42	48.67	54.00	5.33	155	141	Horizontal	PASS
6	2500	9.28	46.63	74.00	27.37	44.32	54.00	9.68	155	233	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	2483.5	9.65	48.49	74.00	25.51	45.35	54.00	8.65	155	260	Vertical	PASS
2	2485.546	9.31	48.51	74.00	25.49	44.42	54.00	9.58	155	85	Vertical	PASS
3	2487.163	9.16	47.93	74.00	26.07	45.15	54.00	8.85	155	97	Vertical	PASS
4	2490.529	9.09	49.16	74.00	24.84	44.89	54.00	9.11	155	263	Vertical	PASS
5	2493.7465	9.27	49.19	74.00	24.81	47.82	54.00	6.18	155	250	Vertical	PASS
6	2500	9.28	46.14	74.00	27.86	43.75	54.00	10.25	155	353	Vertical	PASS

Mode:	BLE 2M-2404
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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	7.84	45.78	74.00	28.22	42.65	54.00	11.35	155	175	Horizontal	PASS
2	2341.36	8.21	47.96	74.00	26.04	45.09	54.00	8.91	155	297	Horizontal	PASS
3	2363.5196	8.40	49.52	74.00	24.48	48.03	54.00	5.97	155	177.7	Horizontal	PASS
4	2375.6	9.04	49.12	74.00	24.88	45.72	54.00	8.28	155	106	Horizontal	PASS
5	2384.88	9.06	48.95	74.00	25.05	45.58	54.00	8.42	155	92	Horizontal	PASS
6	2390	9.32	49.00	74.00	25.00	46.17	54.00	7.83	155	175	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	7.84	44.86	74.00	29.14	42.92	54.00	11.08	155	250	Vertical	PASS
2	2326.24	8.12	46.61	74.00	27.39	43.01	54.00	10.99	155	79	Vertical	PASS
3	2347.36	7.99	47.37	74.00	26.63	43.00	54.00	11.00	155	274	Vertical	PASS
4	2353.04	8.17	47.69	74.00	26.31	44.52	54.00	9.48	155	161	Vertical	PASS
5	2383.68	8.91	48.39	74.00	25.61	44.31	54.00	9.69	155	198	Vertical	PASS
6	2390	9.32	47.53	74.00	26.47	44.72	54.00	9.28	155	180	Vertical	PASS

Mode:	BLE 2M-2478
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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	9.65	51.01	74.00	22.99	49.20	54.00	4.80	155	135	Horizontal	PASS
2	2484.3254	9.59	49.17	74.00	24.83	47.55	54.00	6.45	155	105	Horizontal	PASS
3	2485.4466	9.36	49.71	74.00	24.29	48.09	54.00	5.91	155	138	Horizontal	PASS
4	2488.6478	9.32	46.21	74.00	27.79	44.68	54.00	9.32	155	138	Horizontal	PASS
5	2493.5155	9.30	43.74	74.00	30.26	42.41	54.00	11.59	155	178	Horizontal	PASS
6	2500	9.28	46.60	74.00	27.40	44.46	54.00	9.54	155	316	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	2483.5	9.65	47.56	74.00	26.44	44.38	54.00	9.62	155	294	Vertical	PASS
2	2488.582	9.33	48.53	74.00	25.47	47.22	54.00	6.78	155	241	Vertical	PASS
3	2491.0405	9.10	47.97	74.00	26.03	43.50	54.00	10.50	155	231	Vertical	PASS
4	2495.1985	9.32	48.59	74.00	25.41	45.19	54.00	8.81	155	231	Vertical	PASS
5	2499.0595	9.31	47.55	74.00	26.45	44.85	54.00	9.15	155	47	Vertical	PASS
6	2500	9.28	45.93	74.00	28.07	43.84	54.00	10.16	155	278	Vertical	PASS

Mode:	BLE 125KM-2402
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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	7.84	45.43	74.00	28.57	42.54	54.00	11.46	155	98	Horizontal	PASS
2	2329.76	8.05	46.39	74.00	27.61	43.80	54.00	10.20	155	340	Horizontal	PASS
3	2338.4	8.27	46.89	74.00	27.11	43.84	54.00	10.16	155	223	Horizontal	PASS
4	2362.24	8.21	50.72	74.00	23.28	50.30	54.00	3.70	155	186.2	Horizontal	PASS
5	2381.04	8.86	48.76	74.00	25.24	45.94	54.00	8.06	155	181	Horizontal	PASS
6	2390	9.32	50.61	74.00	23.39	47.90	54.00	6.10	155	1	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	7.84	45.37	74.00	28.63	42.49	54.00	11.51	155	59	Vertical	PASS
2	2343.12	8.24	46.82	74.00	27.18	43.31	54.00	10.69	155	170	Vertical	PASS
3	2361.04	8.48	47.42	74.00	26.58	43.72	54.00	10.28	155	92	Vertical	PASS
4	2366.56	8.39	47.50	74.00	26.50	42.14	54.00	11.86	155	181	Vertical	PASS
5	2386	9.21	48.44	74.00	25.56	42.89	54.00	11.11	155	150	Vertical	PASS
6	2390	9.32	46.79	74.00	27.21	44.72	54.00	9.28	155	153	Vertical	PASS

Mode:	BLE 125KM-2480
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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	2483.5007	9.65	50.16	74.00	23.84	49.17	54.00	4.83	155	11	Horizontal	PASS
2	2483.8461	9.62	48.71	74.00	25.29	47.64	54.00	6.36	155	7.9	Horizontal	PASS
3	2485.3481	9.41	49.04	74.00	24.96	48.31	54.00	5.69	155	142	Horizontal	PASS
4	2486.5199	9.11	49.00	74.00	25.00	48.37	54.00	5.63	155	139	Horizontal	PASS
5	2493.516	9.30	47.30	74.00	26.70	46.87	54.00	7.13	155	117	Horizontal	PASS
6	2500	9.28	47.61	74.00	26.39	44.11	54.00	9.89	155	300	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	2483.5	9.65	48.98	74.00	25.02	45.26	54.00	8.74	155	72	Vertical	PASS
2	2485.051	9.55	49.22	74.00	24.78	45.47	54.00	8.53	155	72	Vertical	PASS
3	2487.4105	9.23	48.97	74.00	25.03	46.56	54.00	7.44	155	72	Vertical	PASS
4	2490.562	9.09	48.32	74.00	25.68	45.38	54.00	8.62	155	72	Vertical	PASS
5	2493.6805	9.28	48.35	74.00	25.65	44.25	54.00	9.75	155	72	Vertical	PASS
6	2500	9.28	46.53	74.00	27.47	44.33	54.00	9.67	155	348	Vertical	PASS

RS916AC1 Test Result

Mode:	BLE1M-2402
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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	7.84	45.97	74.00	28.03	43.55	54.00	10.45	150	101	Horizontal	PASS
2	2324.64	8.12	46.73	74.00	27.27	43.06	54.00	10.94	150	291	Horizontal	PASS
3	2342.8	8.27	48.08	74.00	25.92	45.29	54.00	8.71	150	139	Horizontal	PASS
4	2361.76	8.24	52.70	74.00	21.30	49.99	54.00	4.01	150	142	Horizontal	PASS
5	2379.76	8.93	47.55	74.00	26.45	43.80	54.00	10.20	150	47	Horizontal	PASS
6	2390	9.32	47.67	74.00	26.33	45.62	54.00	8.38	150	145	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	7.84	45.72	74.00	28.28	42.41	54.00	11.59	150	231	Vertical	PASS
2	2360.88	8.47	49.64	74.00	24.36	46.85	54.00	7.15	150	110	Vertical	PASS
3	2362.08	8.18	55.24	74.00	18.76	51.39	54.00	2.61	150	135	Vertical	PASS
4	2376.88	9.00	50.33	74.00	23.67	47.07	54.00	6.93	150	138	Vertical	PASS
5	2387.76	9.30	50.46	74.00	23.54	46.30	54.00	7.70	150	135	Vertical	PASS
6	2390	9.32	50.86	74.00	23.14	46.61	54.00	7.39	150	141	Vertical	PASS

Mode:	BLE1M-2480
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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	9.65	51.14	74.00	22.86	48.36	54.00	5.64	150	132	Horizontal	PASS
2	2483.9785	9.61	51.14	74.00	22.86	47.60	54.00	6.40	150	138	Horizontal	PASS
3	2484.226	9.60	50.50	74.00	23.50	46.70	54.00	7.30	150	142	Horizontal	PASS
4	2485.744	9.22	52.04	74.00	21.96	49.13	54.00	4.87	150	138	Horizontal	PASS
5	2487.427	9.24	50.87	74.00	23.13	48.85	54.00	5.15	150	135	Horizontal	PASS
6	2500	9.28	46.95	74.00	27.05	43.32	54.00	10.68	150	45	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	2483.5002	9.65	50.44	74.00	23.56	49.47	54.00	4.53	150	32	Vertical	PASS
2	2483.7149	9.64	49.50	74.00	24.50	48.37	54.00	5.63	150	23	Vertical	PASS
3	2484.0936	9.61	48.50	74.00	25.50	47.38	54.00	6.62	150	42	Vertical	PASS
4	2485.2816	9.44	49.56	74.00	24.44	48.50	54.00	5.50	150	32	Vertical	PASS
5	2486.0578	9.10	47.54	74.00	26.46	45.92	54.00	8.08	150	252	Vertical	PASS
6	2500	9.28	47.52	74.00	26.48	45.08	54.00	8.92	150	211	Vertical	PASS

Mode:	BLE2M-2404
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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	7.84	44.97	74.00	29.03	42.01	54.00	11.99	150	49	Horizontal	PASS
2	2363.12	8.38	50.74	74.00	23.26	48.92	54.00	5.08	150	135	Horizontal	PASS
3	2364.56	8.51	52.91	74.00	21.09	49.97	54.00	4.03	150	141	Horizontal	PASS
4	2370	8.46	47.74	74.00	26.26	42.97	54.00	11.03	150	141	Horizontal	PASS
5	2386.72	9.16	48.69	74.00	25.31	44.37	54.00	9.63	150	138	Horizontal	PASS
6	2390	9.32	47.36	74.00	26.64	45.54	54.00	8.46	150	28	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	7.84	47.10	74.00	26.90	43.24	54.00	10.76	150	138	Vertical	PASS
2	2359.28	8.32	49.37	74.00	24.63	46.08	54.00	7.92	150	229	Vertical	PASS
3	2363.44	8.39	55.47	74.00	18.53	52.99	54.00	1.01	150	138	Vertical	PASS
4	2364.24	8.45	54.62	74.00	19.38	53.33	54.00	0.67	150	138	Vertical	PASS
5	2381.68	8.78	50.96	74.00	23.04	47.36	54.00	6.64	150	141	Vertical	PASS
6	2390	9.32	50.51	74.00	23.49	46.42	54.00	7.58	150	138	Vertical	PASS

Mode:	BLE2M-2478
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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	9.65	50.04	74.00	23.96	48.20	54.00	5.80	150	135	Horizontal	PASS
2	2484.4735	9.59	52.08	74.00	21.92	46.38	54.00	7.62	150	135	Horizontal	PASS
3	2484.721	9.57	52.66	74.00	21.34	50.20	54.00	3.80	150	138	Horizontal	PASS
4	2485.1665	9.49	52.71	74.00	21.29	49.71	54.00	4.29	150	138	Horizontal	PASS
5	2485.2985	9.43	51.93	74.00	22.07	48.97	54.00	5.03	150	138	Horizontal	PASS
6	2500	9.28	45.94	74.00	28.06	43.21	54.00	10.79	150	222	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	2483.5009	9.65	49.95	74.00	24.05	48.27	54.00	5.73	150	250	Vertical	PASS
2	2484.0441	9.61	49.31	74.00	24.69	47.84	54.00	6.16	150	33	Vertical	PASS
3	2485.1334	9.51	49.86	74.00	24.14	47.85	54.00	6.15	150	20	Vertical	PASS
4	2485.9753	9.11	47.70	74.00	26.30	45.34	54.00	8.66	150	30	Vertical	PASS
5	2488.2027	9.37	45.21	74.00	28.79	43.56	54.00	10.44	150	8	Vertical	PASS
6	2500	9.28	47.55	74.00	26.45	44.86	54.00	9.14	150	352	Vertical	PASS

Mode:	BLE125K-2402
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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	2310.0000	7.84	45.99	74.00	28.01	43.89	54.00	10.11	150	20	Horizontal	PASS
2	2322	8.22	47.26	74.00	26.74	42.96	54.00	11.04	150	226	Horizontal	PASS
3	2356	8.38	48.33	74.00	25.67	45.16	54.00	8.84	150	175	Horizontal	PASS
4	2362.32	8.23	51.93	74.00	22.07	50.25	54.00	3.75	150	175	Horizontal	PASS
5	2380.96	8.87	48.95	74.00	25.05	44.87	54.00	9.13	150	140	Horizontal	PASS
6	2390.0000	9.32	48.11	74.00	25.89	43.78	54.00	10.22	150	175	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	2310.0000	7.84	44.91	74.00	29.09	43.15	54.00	10.85	150	234	Vertical	PASS
2	2325.28	8.16	48.69	74.00	25.31	43.06	54.00	10.94	150	172	Vertical	PASS
3	2362	8.16	54.35	74.00	19.65	52.56	54.00	1.44	150	130	Vertical	PASS
4	2381.6	8.79	49.34	74.00	24.66	44.54	54.00	9.46	150	130	Vertical	PASS
5	2388.56	9.24	51.43	74.00	22.57	48.02	54.00	5.98	150	130	Vertical	PASS
6	2390.0000	9.32	49.58	74.00	24.42	46.32	54.00	7.68	150	130	Vertical	PASS

Mode:	BLE125K-2480
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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	2483.5000	9.65	49.72	74.00	24.28	46.25	54.00	7.75	150	136	Horizontal	PASS
2	2484.0445	9.61	50.44	74.00	23.56	46.79	54.00	7.21	150	147	Horizontal	PASS
3	2485.5625	9.31	50.89	74.00	23.11	47.97	54.00	6.03	150	147	Horizontal	PASS
4	2487.823	9.34	49.28	74.00	24.72	46.95	54.00	7.05	150	147	Horizontal	PASS
5	2490.562	9.09	48.83	74.00	25.17	45.23	54.00	8.77	150	133	Horizontal	PASS
6	2500.0000	9.28	46.14	74.00	27.86	42.84	54.00	11.16	150	191	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	2483.5	9.65	54.09	74.00	19.91	50.07	54.00	3.93	150	5	Vertical	PASS
2	2483.8465	9.62	54.62	74.00	19.38	50.26	54.00	3.74	150	18	Vertical	PASS
3	2484.061	9.61	54.12	74.00	19.88	49.78	54.00	4.22	150	126	Vertical	PASS
4	2485.4305	9.37	52.97	74.00	21.03	50.27	54.00	3.73	150	42	Vertical	PASS
5	2493.1195	9.35	52.28	74.00	21.72	50.18	54.00	3.82	150	24	Vertical	PASS
6	2500	9.28	48.13	74.00	25.87	45.06	54.00	8.94	150	247	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.

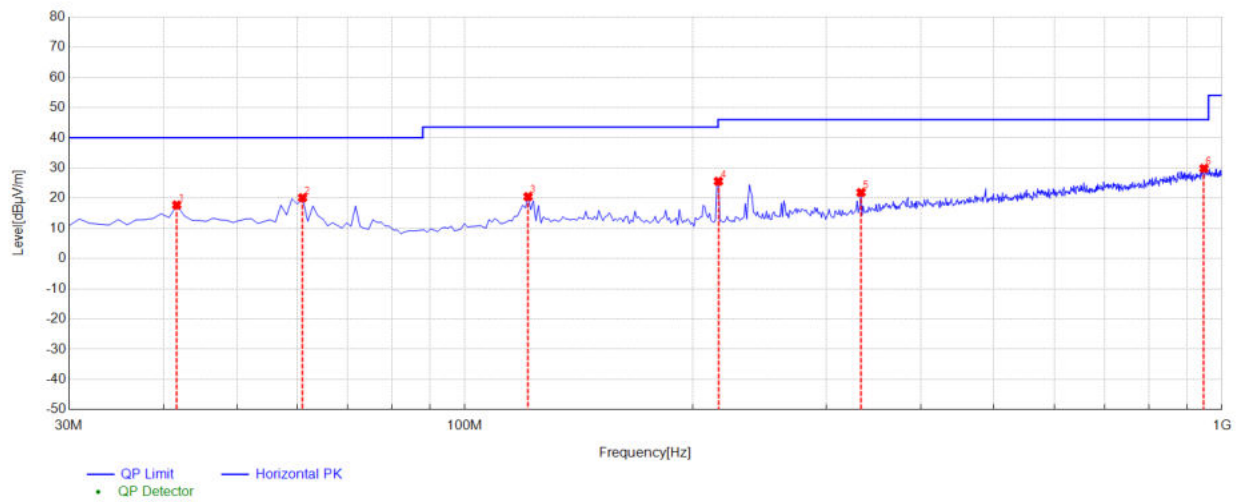
Appendix I: Spurious emissions

RS916AC0 Test Result

Mode:

BLE 1M-2402

Test Graph

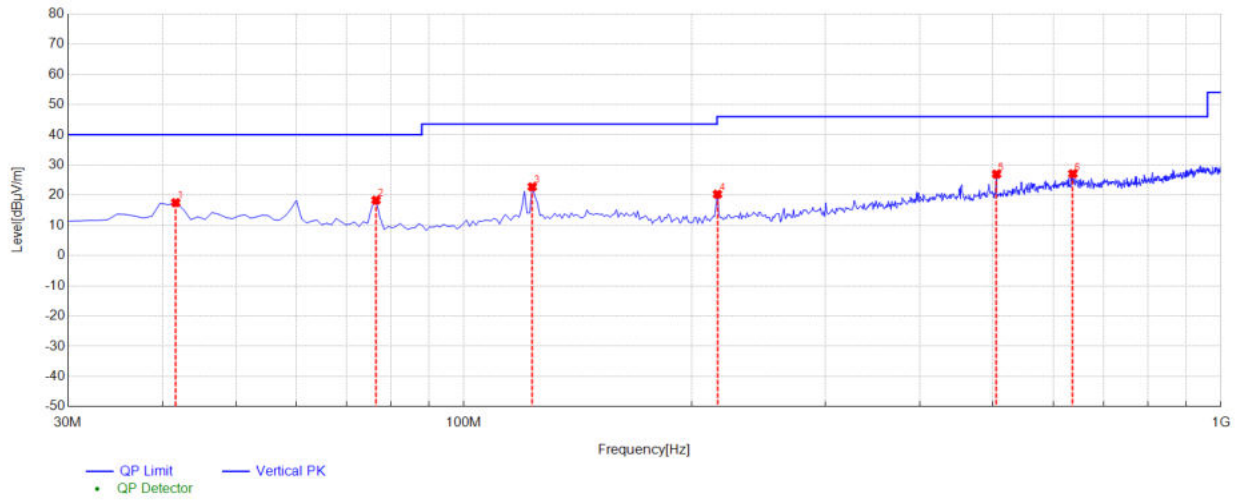


NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	41.64	17.75	-15.54	40.00	22.25	100	70	Horizontal	PASS
2	61.04	20.16	-16.67	40.00	19.84	100	220	Horizontal	PASS
3	121.18	20.54	-17.38	43.50	22.96	100	180	Horizontal	PASS
4	216.24	25.61	-18.20	46.00	20.39	100	50	Horizontal	PASS
5	333.61	21.89	-14.82	46.00	24.11	100	170	Horizontal	PASS
6	946.65	29.86	-2.15	46.00	16.14	100	250	Horizontal	PASS

Mode:

BLE 1M-2402

Test Graph



NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	41.64	17.54	-15.54	40.00	22.46	100	360	Vertical	PASS
2	76.56	18.36	-19.47	40.00	21.64	100	310	Vertical	PASS
3	123.12	22.79	-17.27	43.50	20.71	100	40	Vertical	PASS
4	216.24	20.33	-18.20	46.00	25.67	100	170	Vertical	PASS
5	505.3	26.98	-10.62	46.00	19.02	100	320	Vertical	PASS
6	637.22	27.10	-7.84	46.00	18.90	100	160	Vertical	PASS

Mode:	BLE 1M-2402
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NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1980	47.84	6.90	74.00	26.16	150	263	Horizontal
2	3204	45.70	-17.06	74.00	28.30	150	352	Horizontal
3	4803	43.32	-12.68	74.00	30.68	150	35	Horizontal
4	7206	44.58	-9.53	74.00	29.42	150	71	Horizontal
5	10023	45.77	-4.93	74.00	28.23	150	234	Horizontal
6	16386	51.03	3.70	74.00	22.97	150	308	Horizontal

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1746	44.96	4.51	74.00	29.04	150	20	Vertical
2	3204	44.68	-17.06	74.00	29.32	150	152	Vertical
3	4803	44.96	-12.68	74.00	29.04	150	336	Vertical
4	7206	45.57	-9.53	74.00	28.43	150	356	Vertical
5	11154	46.87	-3.33	74.00	27.13	150	352	Vertical
6	15603	50.66	2.88	74.00	23.34	150	58	Vertical

Mode:	BLE 1M-2440
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NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1992	46.53	6.98	74.00	27.47	150	219	Horizontal
2	3255	44.03	-16.74	74.00	29.97	150	195	Horizontal
3	4881	45.46	-13.75	74.00	28.54	150	164	Horizontal
4	6009	44.59	-9.44	74.00	29.41	150	285	Horizontal
5	12057	48.90	-1.69	74.00	25.10	150	187	Horizontal
6	16407	51.33	3.71	74.00	22.67	150	273	Horizontal

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1996	49.72	7.02	74.00	24.28	150	220	Vertical
2	3255	43.14	-16.74	74.00	30.86	150	62	Vertical
3	4881	45.65	-13.75	74.00	28.35	150	328	Vertical
4	5760	45.51	-11.28	74.00	28.49	150	148	Vertical
5	7320	46.09	-10.27	74.00	27.91	150	293	Vertical
6	12534	49.07	-1.21	74.00	24.93	150	93	Vertical

Mode:	BLE 1M-2480
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NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2092	46.79	7.25	74.00	27.21	150	105	Horizontal
2	3306	42.81	-16.50	74.00	31.19	150	50	Horizontal
3	4959	45.26	-13.35	74.00	28.74	150	347	Horizontal
4	6933	44.28	-9.86	74.00	29.72	150	309	Horizontal
5	10587	46.84	-4.37	74.00	27.16	150	82	Horizontal
6	13197	49.99	0.62	74.00	24.01	150	347	Horizontal

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2208	48.26	7.67	74.00	25.74	150	230	Vertical
2	4959	46.54	-13.35	74.00	27.46	150	88	Vertical
3	5760	45.60	-11.28	74.00	28.40	150	139	Vertical
4	7689	44.86	-9.18	74.00	29.14	150	223	Vertical
5	12639	47.69	-1.08	74.00	26.31	150	172	Vertical
6	13146	49.68	0.11	74.00	24.32	150	266	Vertical

Mode:	BLE 2M-2404
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NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2002	46.86	7.05	74.00	27.14	150	265	Horizontal
2	3207	43.19	-17.04	74.00	30.81	150	0	Horizontal
3	5967	43.82	-9.98	74.00	30.18	150	223	Horizontal
4	11286	46.86	-3.63	74.00	27.14	150	144	Horizontal
5	13404	49.74	-0.10	74.00	24.26	150	125	Horizontal
6	17013	52.23	5.32	74.00	21.77	150	180	Horizontal

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1998	49.20	7.03	74.00	24.80	150	174	Vertical
2	4806	45.37	-12.71	74.00	28.63	150	289	Vertical
3	5760	45.24	-11.28	74.00	28.76	150	129	Vertical
4	7212	46.91	-9.60	74.00	27.09	150	90	Vertical
5	15228	50.04	2.56	74.00	23.96	150	223	Vertical
6	16290	50.65	3.47	74.00	23.35	150	200	Vertical

Mode:	BLE 2M-2440
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NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2030	47.42	7.12	74.00	26.58	150	201	Horizontal
2	4254	42.85	-14.63	74.00	31.15	150	160	Horizontal
3	6039	45.38	-9.61	74.00	28.62	150	324	Horizontal
4	11055	47.55	-3.49	74.00	26.45	150	309	Horizontal
5	12522	48.69	-1.21	74.00	25.31	150	8	Horizontal
6	16968	51.32	5.21	74.00	22.68	150	94	Horizontal

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1996	47.62	7.02	74.00	26.38	150	164	Vertical
2	3252	43.55	-16.76	74.00	30.45	150	320	Vertical
3	4878	45.57	-13.72	74.00	28.43	150	256	Vertical
4	7323	44.05	-10.22	74.00	29.95	150	256	Vertical
5	13881	48.47	0.73	74.00	25.53	150	221	Vertical
6	17124	52.60	5.32	74.00	21.40	150	12	Vertical

Mode:	BLE 2M-2478
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NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1966	46.25	6.79	74.00	27.75	150	97	Horizontal
2	4956	44.90	-13.38	74.00	29.10	150	161	Horizontal
3	6000	45.28	-9.40	74.00	28.72	150	32	Horizontal
4	7116	44.71	-9.71	74.00	29.29	150	336	Horizontal
5	11112	48.41	-3.47	74.00	25.59	150	216	Horizontal
6	15387	50.31	3.78	74.00	23.69	150	4	Horizontal

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1996	50.65	7.02	74.00	23.35	150	19	Vertical
2	3303	42.53	-16.48	74.00	31.47	150	50	Vertical
3	4956	44.78	-13.38	74.00	29.22	150	86	Vertical
4	7710	44.50	-9.08	74.00	29.50	150	58	Vertical
5	11784	47.62	-2.39	74.00	26.38	150	222	Vertical
6	15561	50.77	2.99	74.00	23.23	150	340	Vertical

Mode:	BLE 125K-2402
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NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1826	45.95	5.38	74.00	28.05	150	250	Horizontal
2	3204	44.16	-17.06	74.00	29.84	150	150	Horizontal
3	4803	42.91	-12.68	74.00	31.09	150	220	Horizontal
4	7206	44.90	-9.53	74.00	29.10	150	355	Horizontal
5	11190	47.36	-3.21	74.00	26.64	150	286	Horizontal
6	15762	50.44	2.72	74.00	23.56	150	176	Horizontal

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1998	48.48	7.03	74.00	25.52	150	13	Vertical
2	4803	43.60	-12.68	74.00	30.40	150	286	Vertical
3	6510	44.51	-10.14	74.00	29.49	150	71	Vertical
4	7206	45.95	-9.53	74.00	28.05	150	313	Vertical
5	11934	47.70	-2.35	74.00	26.30	150	231	Vertical
6	16464	51.01	3.58	74.00	22.99	150	1	Vertical

Mode:	BLE 125K-2440
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NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1998	48.40	7.03	74.00	25.60	150	227	Horizontal
2	3255	42.54	-16.74	74.00	31.46	150	132	Horizontal
3	4878	43.98	-13.72	74.00	30.02	150	167	Horizontal
4	9270	45.54	-6.76	74.00	28.46	150	81	Horizontal
5	12102	48.67	-1.16	74.00	25.33	150	0	Horizontal
6	16296	51.07	3.49	74.00	22.93	150	68	Horizontal

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1996	48.67	7.02	74.00	25.33	150	17	Vertical
2	3252	44.61	-16.76	74.00	29.39	150	26	Vertical
3	4881	45.07	-13.75	74.00	28.93	150	97	Vertical
4	5760	44.58	-11.28	74.00	29.42	150	238	Vertical
5	9930	46.90	-5.23	74.00	27.10	150	148	Vertical
6	15819	50.31	2.64	74.00	23.69	150	26	Vertical

Mode:	BLE 125K-2480
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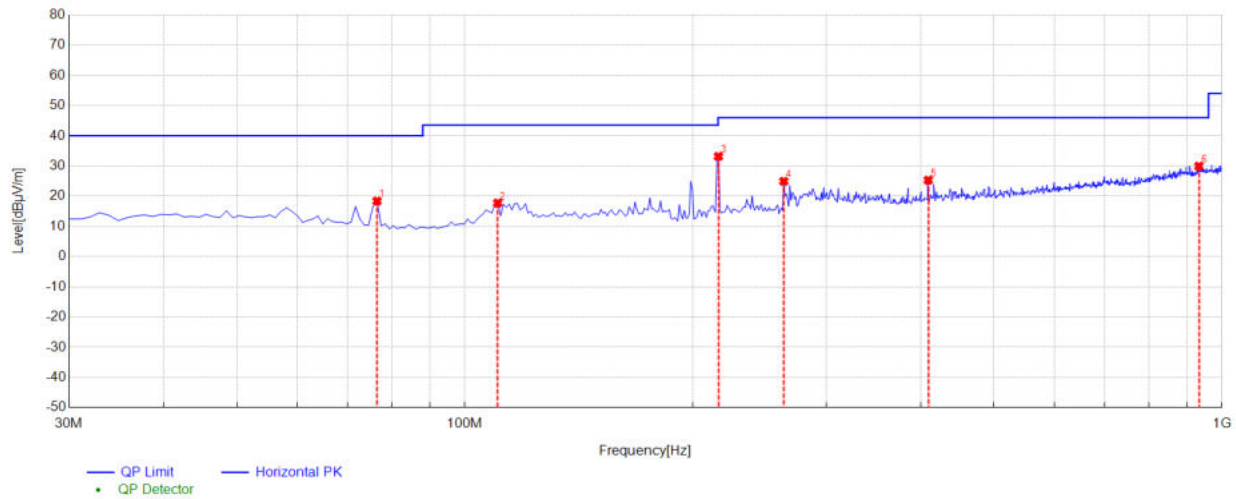
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1888	45.94	6.13	74.00	28.06	150	170	Horizontal
2	3306	42.87	-16.50	74.00	31.13	150	52	Horizontal
3	4962	44.82	-13.32	74.00	29.18	150	344	Horizontal
4	6099	44.72	-9.93	74.00	29.28	150	300	Horizontal
5	8019	44.30	-9.50	74.00	29.70	150	86	Horizontal
6	12717	47.66	-1.06	74.00	26.34	150	218	Horizontal

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1992	48.04	6.98	74.00	25.96	150	211	Vertical
2	3306	43.20	-16.50	74.00	30.80	150	40	Vertical
3	4959	46.26	-13.35	74.00	27.74	150	328	Vertical
4	9033	45.42	-7.39	74.00	28.58	150	99	Vertical
5	11058	46.67	-3.49	74.00	27.33	150	138	Vertical
6	12654	48.63	-1.02	74.00	25.37	150	297	Vertical

RS916AC1 Test Result

Mode:	BLE 1M-2402
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Test Graph

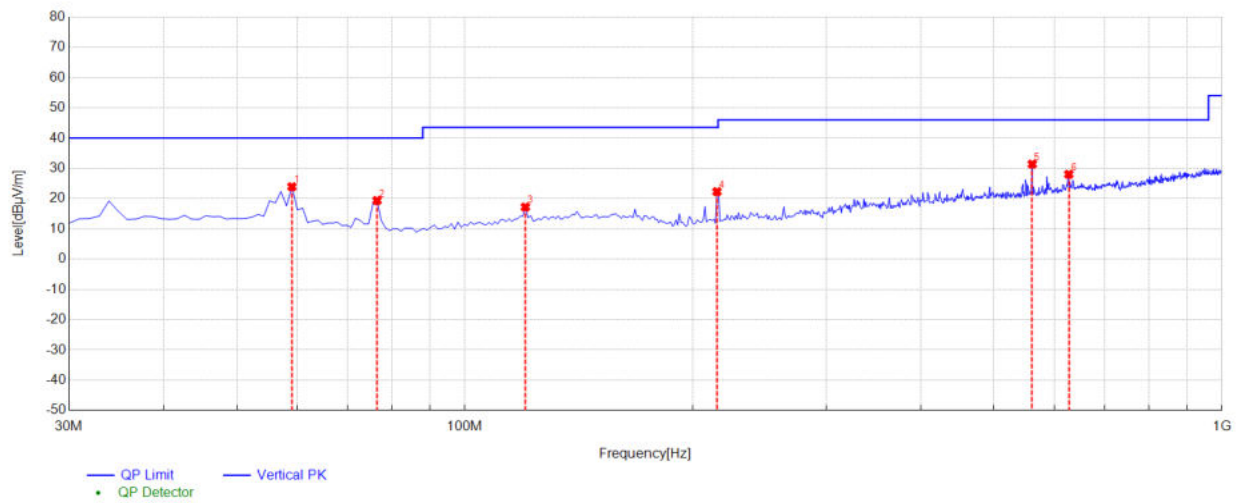


NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	76.56	18.40	-19.47	40.00	21.60	100	282	Horizontal	PASS
2	110.51	17.75	-18.37	43.50	25.75	100	198	Horizontal	PASS
3	216.24	33.19	-18.20	46.00	12.81	100	150	Horizontal	PASS
4	263.77	24.94	-16.87	46.00	21.06	100	262	Horizontal	PASS
5	409.27	25.33	-12.42	46.00	20.67	100	80	Horizontal	PASS
6	932.1	29.95	-2.32	46.00	16.05	100	147	Horizontal	PASS

Mode:

BLE 1M-2402

Test Graph



NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	59.1	23.93	-16.40	40.00	16.07	100	108	Vertical	PASS
2	76.56	19.39	-19.47	40.00	20.61	100	162	Vertical	PASS
3	120.21	17.22	-17.43	43.50	26.28	100	330	Vertical	PASS
4	215.27	22.30	-18.25	43.50	21.20	100	136	Vertical	PASS
5	561.56	31.40	-9.52	46.00	14.60	100	15	Vertical	PASS
6	627.52	28.05	-8.12	46.00	17.95	100	213	Vertical	PASS

Mode:	BLE 1M-2402
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NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1888	46.16	6.13	74.00	27.84	150	203	Horizontal
2	3834	41.89	-15.47	74.00	32.11	150	222	Horizontal
3	4803	47.33	-12.68	74.00	26.67	150	92	Horizontal
4	7206	50.98	-9.53	74.00	23.02	150	85	Horizontal
5	10014	45.86	-4.86	74.00	28.14	150	47	Horizontal
6	13596	49.60	-0.49	74.00	24.40	150	206	Horizontal

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1860	45.67	5.79	74.00	28.33	150	149	Vertical
2	4260	43.05	-14.65	74.00	30.95	150	305	Vertical
3	4803	44.25	-12.68	74.00	29.75	150	10	Vertical
4	6105	45.15	-9.95	74.00	28.85	150	139	Vertical
5	11175	47.24	-3.26	74.00	26.76	150	139	Vertical
6	16347	50.66	3.61	74.00	23.34	150	226	Vertical

Mode:	BLE 1M-2440
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NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1912	45.54	6.37	74.00	28.46	150	27	Horizontal
2	3252	44.21	-16.76	74.00	29.79	150	74	Horizontal
3	4881	47.71	-13.75	74.00	26.29	150	180	Horizontal
4	7320	49.47	-10.27	74.00	24.53	150	81	Horizontal
5	12405	48.03	-1.77	74.00	25.97	150	0	Horizontal
6	17466	53.69	5.67	74.00	20.31	150	348	Horizontal

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1994	50.36	7.00	74.00	23.64	150	43	Vertical
2	4881	45.16	-13.75	74.00	28.84	150	9	Vertical
3	5760	46.60	-11.28	74.00	27.40	150	146	Vertical
4	6870	45.20	-9.94	74.00	28.80	150	13	Vertical
5	11082	47.28	-3.49	74.00	26.72	150	290	Vertical
6	15084	50.65	3.74	74.00	23.35	150	29	Vertical

Mode:	BLE 1M-2480
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NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1978	46.71	6.88	74.00	27.29	150	140	Horizontal
2	3840	41.80	-15.42	74.00	32.20	150	238	Horizontal
3	4959	49.15	-13.35	74.00	24.85	150	175	Horizontal
4	7440	48.91	-9.63	74.00	25.09	150	85	Horizontal
5	9402	45.27	-6.34	74.00	28.73	150	223	Horizontal
6	15171	51.43	3.10	74.00	22.57	150	348	Horizontal

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1992	48.84	6.98	74.00	25.16	150	20	Vertical
2	4959	44.23	-13.35	74.00	29.77	150	152	Vertical
3	6033	45.00	-9.57	74.00	29.00	150	152	Vertical
4	7875	45.37	-8.66	74.00	28.63	150	300	Vertical
5	11697	47.79	-2.25	74.00	26.21	150	226	Vertical
6	15093	50.17	3.94	74.00	23.83	150	340	Vertical

Mode:	BLE 2M-2404
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NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1802	44.46	5.10	74.00	29.54	150	190	Horizontal
2	4224	42.23	-14.54	74.00	31.77	150	328	Horizontal
3	4809	45.36	-12.76	74.00	28.64	150	96	Horizontal
4	7215	49.25	-9.64	74.00	24.75	150	88	Horizontal
5	10827	46.71	-4.23	74.00	27.29	150	218	Horizontal
6	15375	50.06	3.57	74.00	23.94	150	13	Horizontal

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1642	42.97	3.51	74.00	31.03	150	353	Vertical
2	1994	48.59	7.00	74.00	25.41	150	208	Vertical
3	4806	43.46	-12.71	74.00	30.54	150	0	Vertical
4	5760	45.25	-11.28	74.00	28.75	150	241	Vertical
5	11010	47.75	-3.48	74.00	26.25	150	77	Vertical
6	15129	50.19	3.69	74.00	23.81	150	355	Vertical

Mode:	BLE 2M-2440
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NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1990	47.21	6.97	74.00	26.79	150	125	Horizontal
2	3870	42.00	-15.20	74.00	32.00	150	21	Horizontal
3	4878	46.58	-13.72	74.00	27.42	150	136	Horizontal
4	7320	47.99	-10.27	74.00	26.01	150	21	Horizontal
5	10986	46.83	-3.57	74.00	27.17	150	21	Horizontal
6	15390	50.73	3.84	74.00	23.27	150	348	Horizontal

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1992	50.09	6.98	74.00	23.91	150	20	Vertical
2	4263	42.13	-14.65	74.00	31.87	150	289	Vertical
3	6045	45.52	-9.64	74.00	28.48	150	254	Vertical
4	9435	45.31	-6.44	74.00	28.69	150	38	Vertical
5	13449	48.91	0.08	74.00	25.09	150	132	Vertical
6	15159	50.51	3.27	74.00	23.49	150	50	Vertical

Mode:	BLE 2M-2478
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NO.	Freq. [MHz]	Level [dB μ V/m]	Factor [dB/m]	Limit [dB μ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1894	45.79	6.21	74.00	28.21	150	278	Horizontal
2	4956	48.71	-13.38	74.00	25.29	150	188	Horizontal
3	7434	47.64	-9.55	74.00	26.36	150	78	Horizontal
4	11841	47.81	-2.37	74.00	26.19	150	210	Horizontal
5	13380	48.38	-0.13	74.00	25.62	150	274	Horizontal
6	16608	53.40	4.41	74.00	20.60	150	210	Horizontal

NO.	Freq. [MHz]	Level [dB μ V/m]	Factor [dB/m]	Limit [dB μ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1996	47.65	7.02	74.00	26.35	150	11	Vertical
2	4920	42.72	-13.80	74.00	31.28	150	340	Vertical
3	6027	46.13	-9.54	74.00	27.87	150	336	Vertical
4	9720	45.67	-6.28	74.00	28.33	150	43	Vertical
5	13827	48.92	0.57	74.00	25.08	150	297	Vertical
6	17031	52.31	5.35	74.00	21.69	150	1	Vertical

Mode:	BLE 125K-2402
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NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3828	43.04	-15.51	74.00	30.96	150	80	Horizontal
2	4806	45.81	-12.71	74.00	28.19	150	115	Horizontal
3	6015	44.69	-9.48	74.00	29.31	150	292	Horizontal
4	7206	47.80	-9.53	74.00	26.20	150	150	Horizontal
5	13155	49.43	0.19	74.00	24.57	150	119	Horizontal
6	17739	53.69	5.53	74.00	20.31	150	111	Horizontal

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1748	43.71	4.52	74.00	30.29	150	281	Vertical
2	4803	43.87	-12.68	74.00	30.13	150	324	Vertical
3	5760	45.51	-11.28	74.00	28.49	150	223	Vertical
4	7740	44.75	-9.08	74.00	29.25	150	168	Vertical
5	11691	47.50	-2.28	74.00	26.50	150	164	Vertical
6	16017	50.55	3.07	74.00	23.45	150	27	Vertical

Mode:	BLE 125K-2440
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NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1732	44.27	4.35	74.00	29.73	150	327	Horizontal
2	3870	42.09	-15.20	74.00	31.91	150	324	Horizontal
3	4881	46.30	-13.75	74.00	27.70	150	140	Horizontal
4	7320	46.88	-10.27	74.00	27.12	150	80	Horizontal
5	9366	45.92	-6.42	74.00	28.08	150	297	Horizontal
6	15408	50.58	3.95	74.00	23.42	150	210	Horizontal

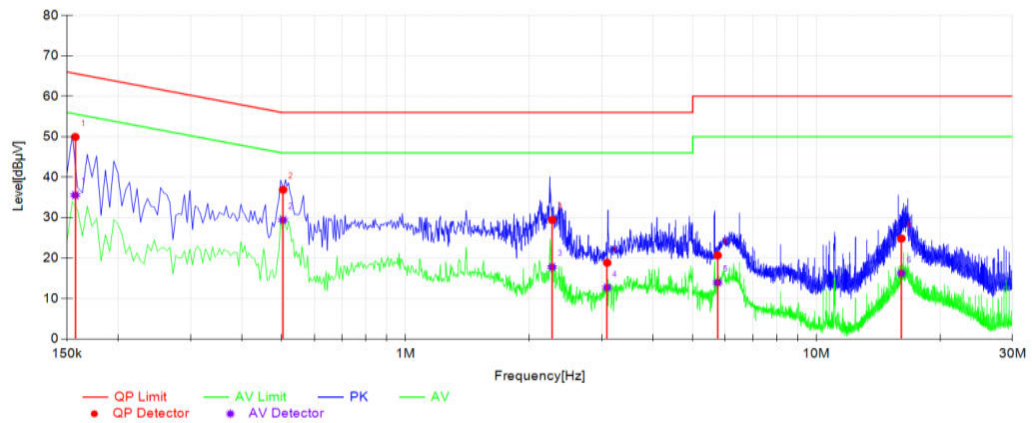
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1990	49.74	6.97	74.00	24.26	150	11	Vertical
2	4881	43.61	-13.75	74.00	30.39	150	145	Vertical
3	5760	44.94	-11.28	74.00	29.06	150	153	Vertical
4	7743	44.56	-9.08	74.00	29.44	150	114	Vertical
5	12645	49.40	-1.05	74.00	24.60	150	301	Vertical
6	17316	53.57	5.35	74.00	20.43	150	153	Vertical

Mode:	BLE 125K-2480
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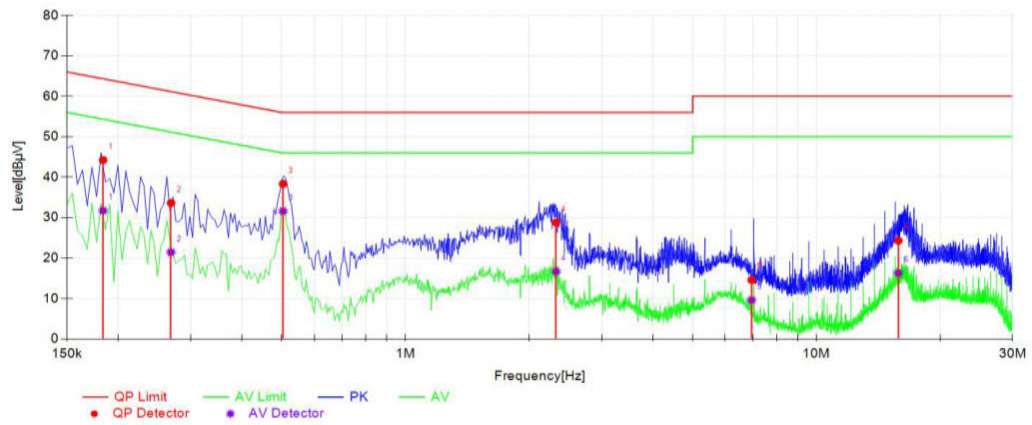
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1998	48.74	7.03	74.00	25.26	150	219	Horizontal
2	4962	43.63	-13.32	74.00	30.37	150	64	Horizontal
3	7176	44.09	-9.54	74.00	29.91	150	352	Horizontal
4	8388	44.96	-8.13	74.00	29.04	150	281	Horizontal
5	13341	48.62	-0.17	74.00	25.38	150	218	Horizontal
6	17253	52.92	5.19	74.00	21.08	150	336	Horizontal

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1798	46.42	5.05	74.00	27.58	150	14	Vertical
2	4212	42.43	-14.51	74.00	31.57	150	312	Vertical
3	5760	45.26	-11.28	74.00	28.74	150	136	Vertical
4	8169	44.15	-8.56	74.00	29.85	150	128	Vertical
5	10782	46.13	-4.26	74.00	27.87	150	101	Vertical
6	13149	49.05	0.14	74.00	24.95	150	66	Vertical

Appendix J: Conducted emission



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	0.1571	10.26	49.93	65.62	15.69	35.55	55.62	20.07	L1	PASS
2	0.5034	10.28	36.89	56.00	19.11	29.41	46.00	16.59	L1	PASS
3	2.2744	10.29	29.44	56.00	26.56	17.78	46.00	28.22	L1	PASS
4	3.0959	10.30	18.84	56.00	37.16	12.70	46.00	33.30	L1	PASS
5	5.7512	10.38	20.66	60.00	39.34	13.95	50.00	36.05	L1	PASS
6	16.1031	10.56	24.82	60.00	35.18	16.23	50.00	33.77	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	0.1836	10.26	44.24	64.32	20.08	31.72	54.32	22.60	N	PASS
2	0.2686	10.27	33.62	61.16	27.54	21.43	51.16	29.73	N	PASS
3	0.5034	10.28	38.34	56.00	17.66	31.58	46.00	14.42	N	PASS
4	2.3243	10.31	28.79	56.00	27.21	16.70	46.00	29.30	N	PASS
5	6.9564	10.43	14.58	60.00	45.42	9.60	50.00	40.40	N	PASS
6	15.8350	10.58	24.31	60.00	35.69	16.31	50.00	33.69	N	PASS