

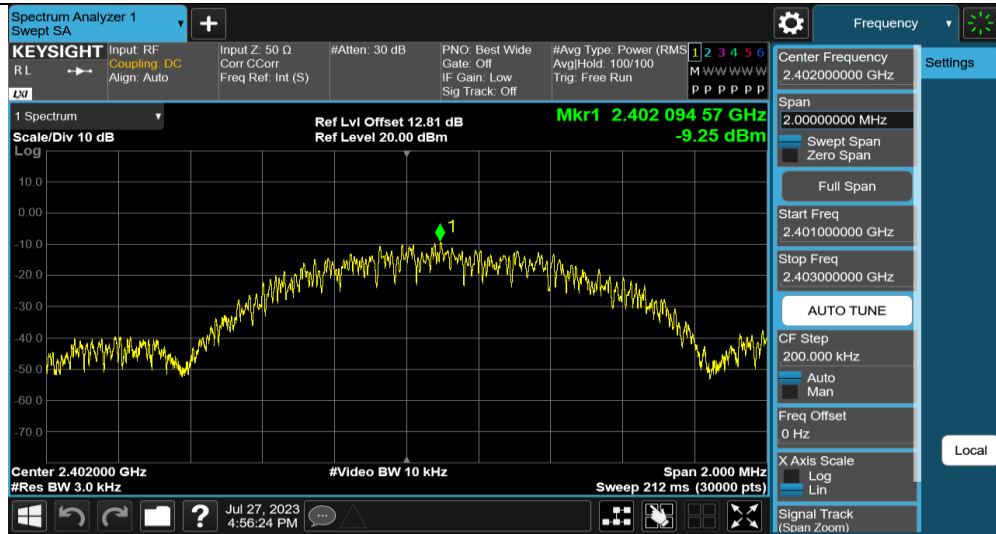
Appendix A: Test Results

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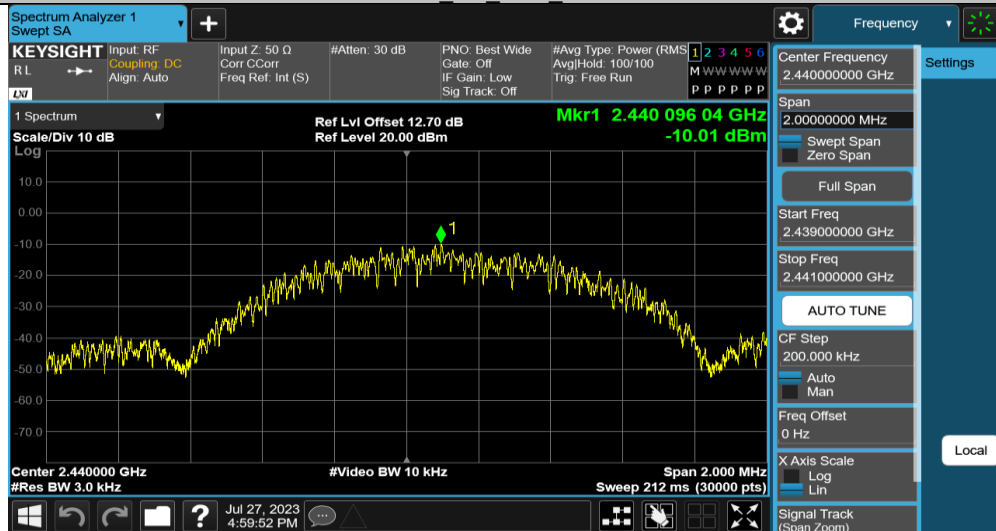
Appendix A.1: Conducted Power Spectral Density

TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
BLE_125K	Ant1	2402	-0.1	≤8.00	PASS
		2440	-0.63	≤8.00	PASS
		2480	-0.62	≤8.00	PASS
BLE_1M	Ant1	2402	-9.25	≤8.00	PASS
		2440	-10.01	≤8.00	PASS
		2480	-10.18	≤8.00	PASS
BLE_2M	Ant1	2402	-11.78	≤8.00	PASS
		2440	-12.43	≤8.00	PASS
		2480	-12.54	≤8.00	PASS
BLE_500K	Ant1	2402	-1.00	≤8.00	PASS
		2440	-1.43	≤8.00	PASS
		2480	-1.47	≤8.00	PASS

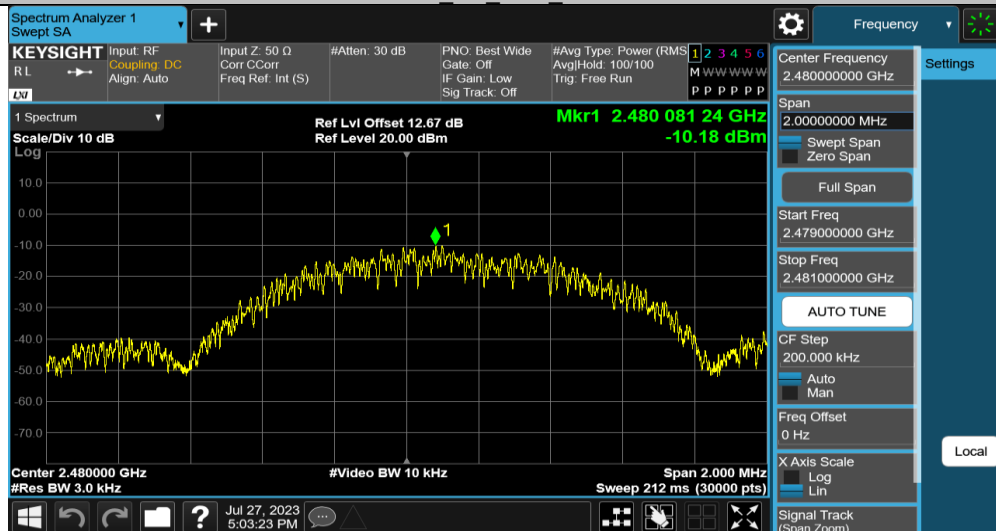




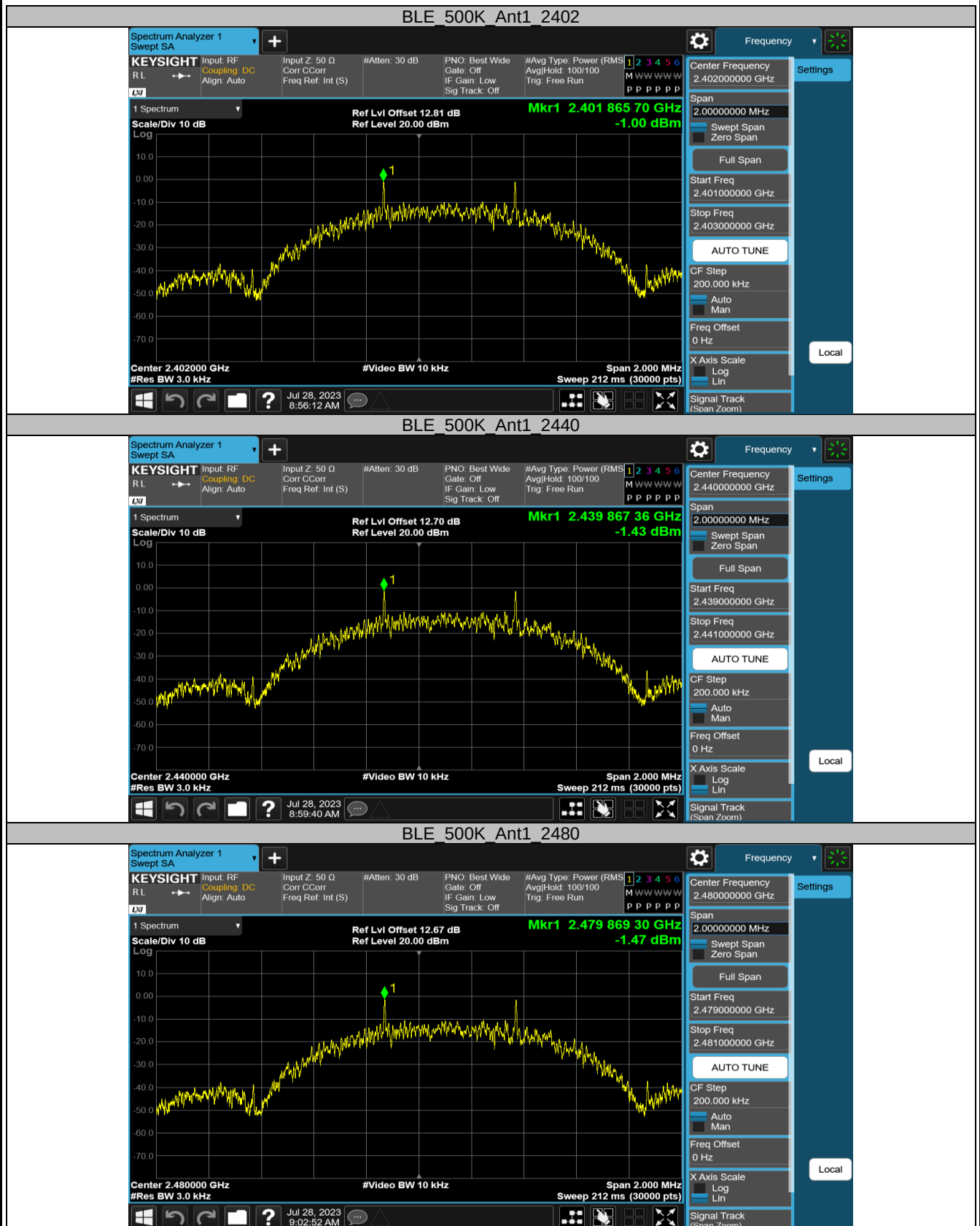
BLE 1M Ant1 2440



BLE 1M Ant1 2480

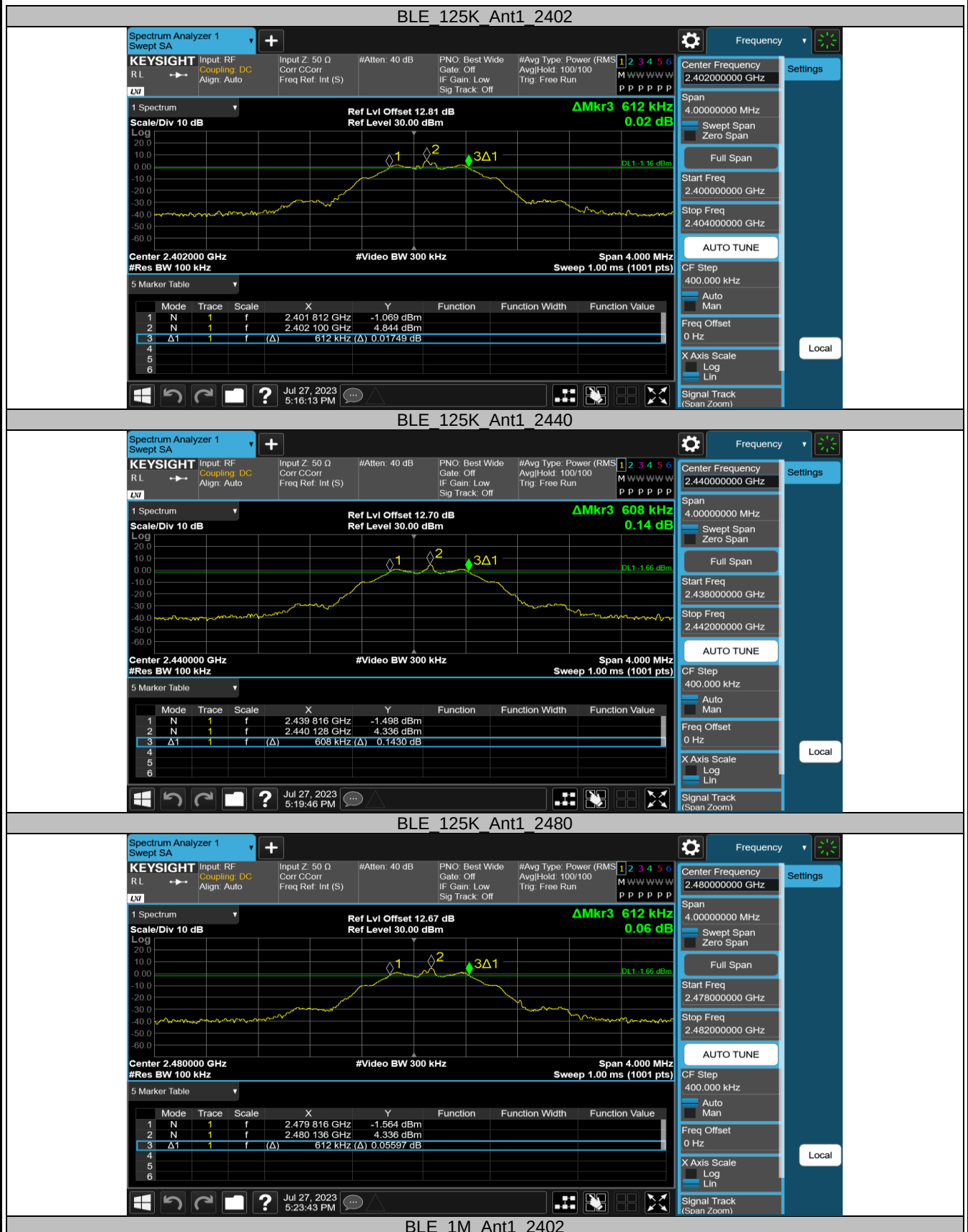


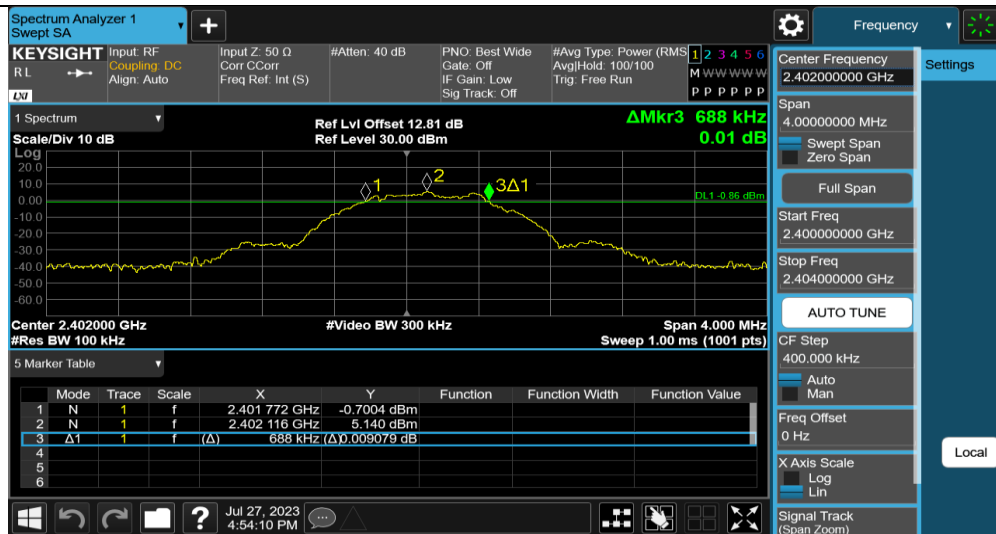




Appendix A.2: 6dB Bandwidth

TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_125K	Ant1	2402	0.612	2401.812	2402.424	0.5	PASS
		2440	0.608	2439.816	2440.424	0.5	PASS
		2480	0.612	2479.816	2480.428	0.5	PASS
BLE_1M	Ant1	2402	0.688	2401.772	2402.460	0.5	PASS
		2440	0.736	2439.752	2440.488	0.5	PASS
		2480	0.672	2479.780	2480.452	0.5	PASS
BLE_2M	Ant1	2402	1.092	2401.564	2402.656	0.5	PASS
		2440	1.132	2439.564	2440.696	0.5	PASS
		2480	1.116	2479.568	2480.684	0.5	PASS
BLE_500K	Ant1	2402	0.676	2401.760	2402.436	0.5	PASS
		2440	0.684	2439.784	2440.468	0.5	PASS
		2480	0.680	2479.792	2480.472	0.5	PASS





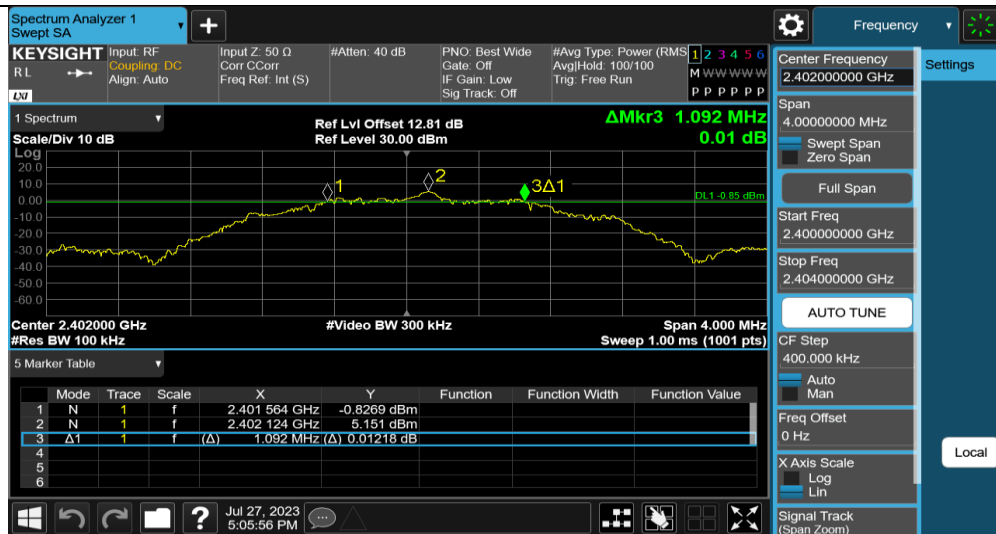
BLE 1M Ant1 2440



BLE 1M Ant1 2480



BLE 2M Ant1 2402



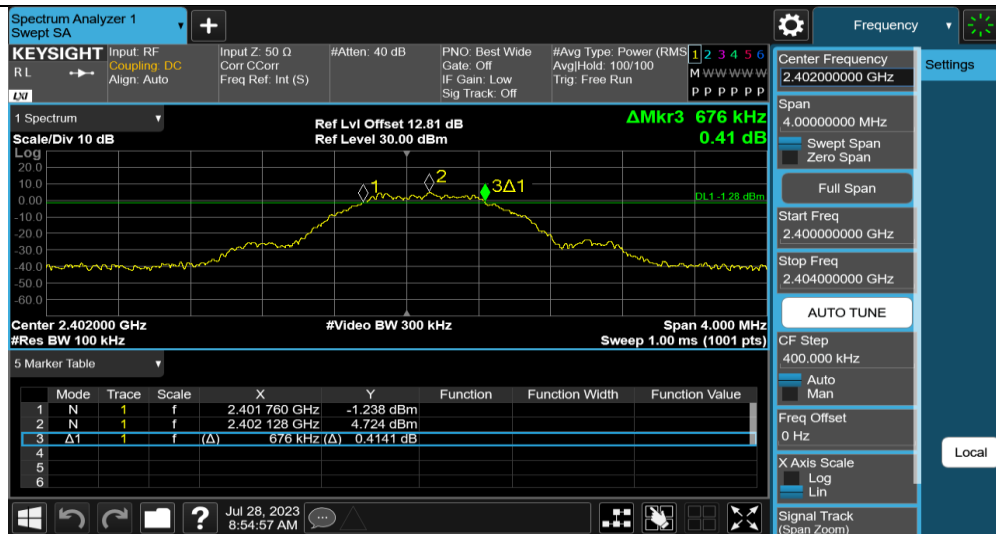
BLE 2M Ant1 2440



BLE 2M Ant1 2480



BLE 500K Ant1 2402



BLE 500K Ant1 2440



BLE 500K Ant1 2480



Appendix A.3: 99% Bandwidth

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_125K	Ant1	2402	1.0769	2401.5808	2402.6577	---	---
		2440	1.0776	2439.5800	2440.6576	---	---
		2480	1.0715	2479.5857	2480.6572	---	---
BLE_1M	Ant1	2402	1.0501	2401.6006	2402.6507	---	---
		2440	1.0520	2439.6019	2440.6539	---	---
		2480	1.0497	2479.6060	2480.6557	---	---
BLE_2M	Ant1	2402	2.0452	2401.1142	2403.1594	---	---
		2440	2.0465	2439.1127	2441.1592	---	---
		2480	2.0583	2479.1106	2481.1689	---	---
BLE_500K	Ant1	2402	1.0422	2401.5988	2402.6410	---	---
		2440	1.0348	2439.6052	2440.6400	---	---
		2480	1.0481	2479.6004	2480.6485	---	---



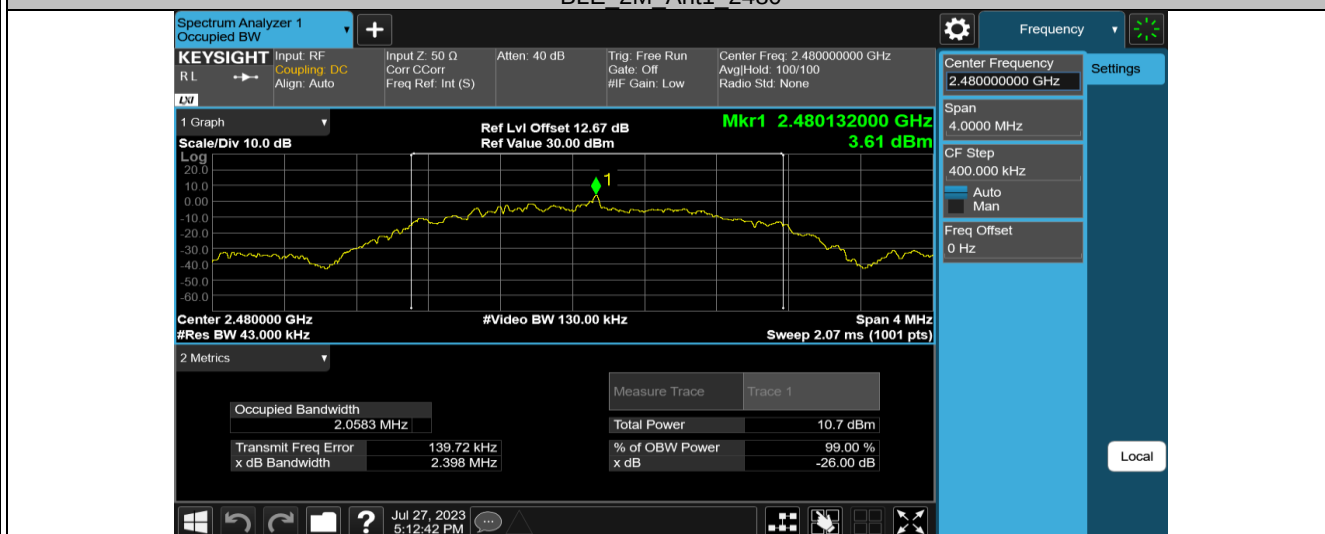




BLE 2M Ant1 2440



BLE 2M Ant1 2480

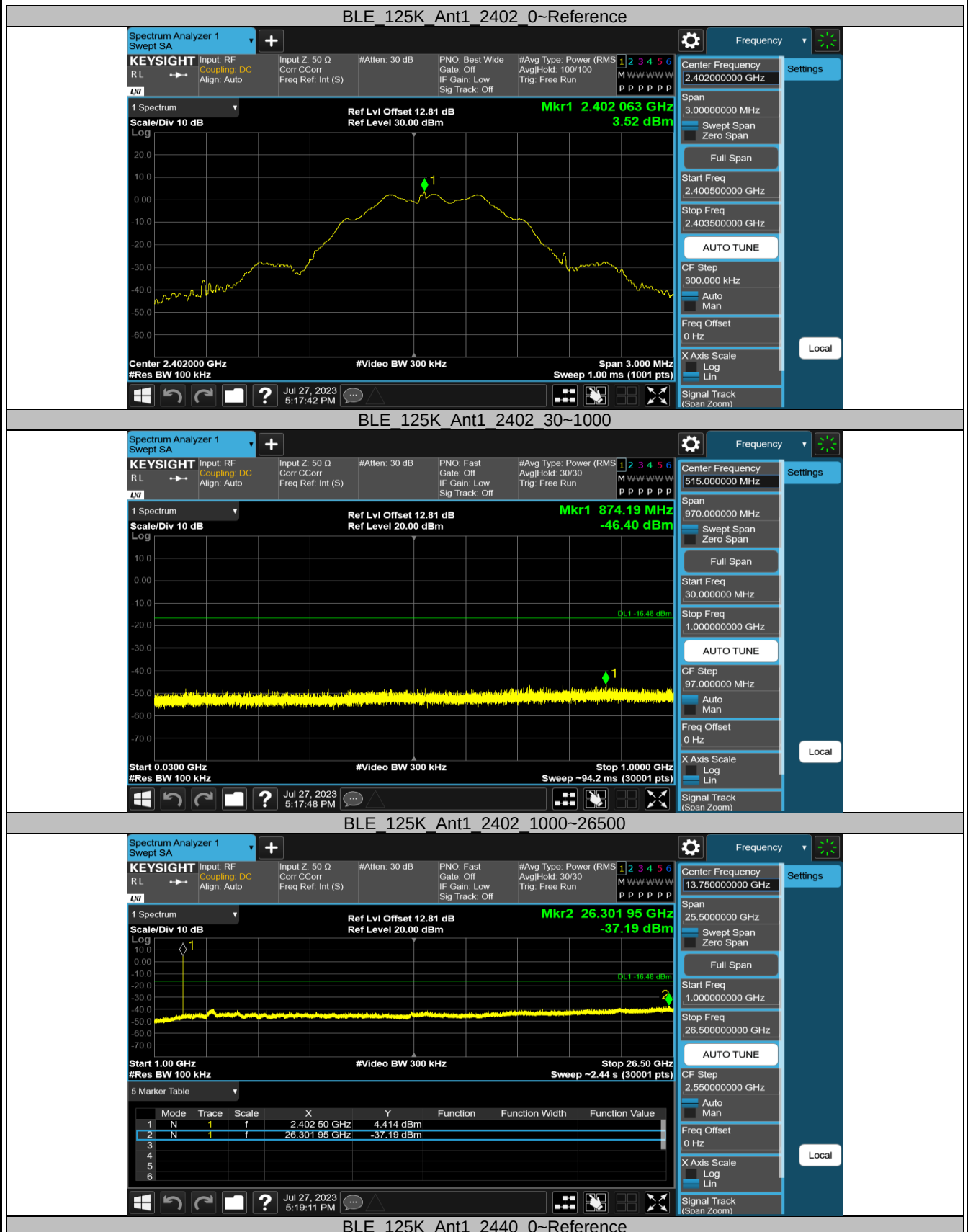


BLE 500K Ant1 2402



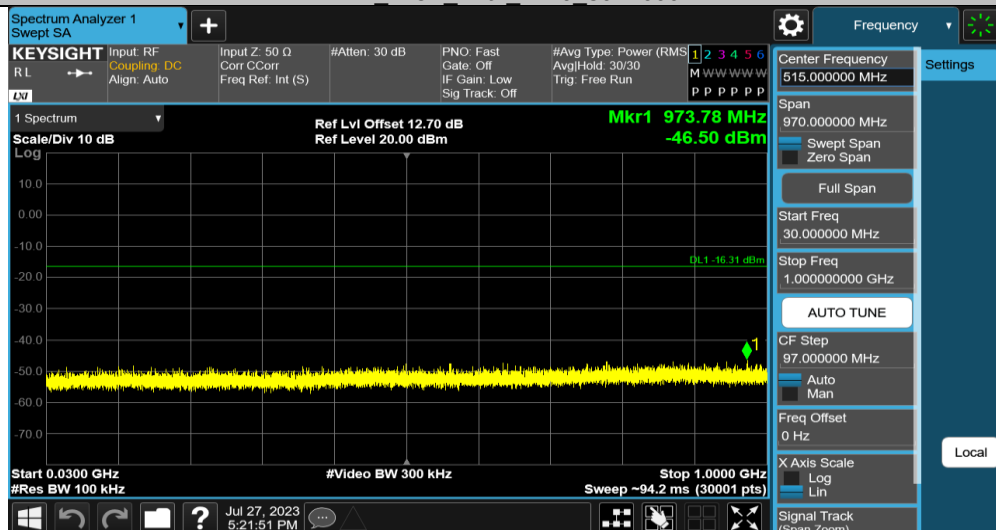
Appendix A.4: Conducted Spurious Emissions Measured in 100 kHz Bandwidth

TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_125K	Ant1	2402	Reference	3.52	3.52	---	PASS
			30~1000	3.52	-46.4	≤-16.48	PASS
			1000~26500	3.52	-37.19	≤-16.48	PASS
		2440	Reference	3.69	3.69	---	PASS
			30~1000	3.69	-46.5	≤-16.31	PASS
			1000~26500	3.69	-37.66	≤-16.31	PASS
		2480	Reference	5.10	5.10	---	PASS
			30~1000	5.10	-46.26	≤-14.9	PASS
			1000~26500	5.10	-37.32	≤-14.9	PASS
BLE_1M	Ant1	2402	Reference	5.40	5.40	---	PASS
			30~1000	5.40	-46.26	≤-14.6	PASS
			1000~26500	5.40	-36.62	≤-14.6	PASS
		2440	Reference	5.27	5.27	---	PASS
			30~1000	5.27	-46.63	≤-14.73	PASS
			1000~26500	5.27	-37.35	≤-14.73	PASS
		2480	Reference	5.10	5.10	---	PASS
			30~1000	5.10	-46.63	≤-14.9	PASS
			1000~26500	5.10	-37.43	≤-14.9	PASS
BLE_2M	Ant1	2402	Reference	5.88	5.88	---	PASS
			30~1000	5.88	-45.89	≤-14.12	PASS
			1000~26500	5.88	-37.11	≤-14.12	PASS
		2440	Reference	5.36	5.36	---	PASS
			30~1000	5.36	-45.69	≤-14.64	PASS
			1000~26500	5.36	-37.45	≤-14.64	PASS
		2480	Reference	5.25	5.25	---	PASS
			30~1000	5.25	-47.19	≤-14.75	PASS
			1000~26500	5.25	-37.58	≤-14.75	PASS
BLE_500K	Ant1	2402	Reference	4.24	4.24	---	PASS
			30~1000	4.24	-47.49	≤-15.76	PASS
			1000~26500	4.24	-38.15	≤-15.76	PASS
		2440	Reference	4.58	4.58	---	PASS
			30~1000	4.58	-47.44	≤-15.42	PASS
			1000~26500	4.58	-38	≤-15.42	PASS
		2480	Reference	3.94	3.94	---	PASS
			30~1000	3.94	-47.06	≤-16.06	PASS
			1000~26500	3.94	-38.36	≤-16.06	PASS

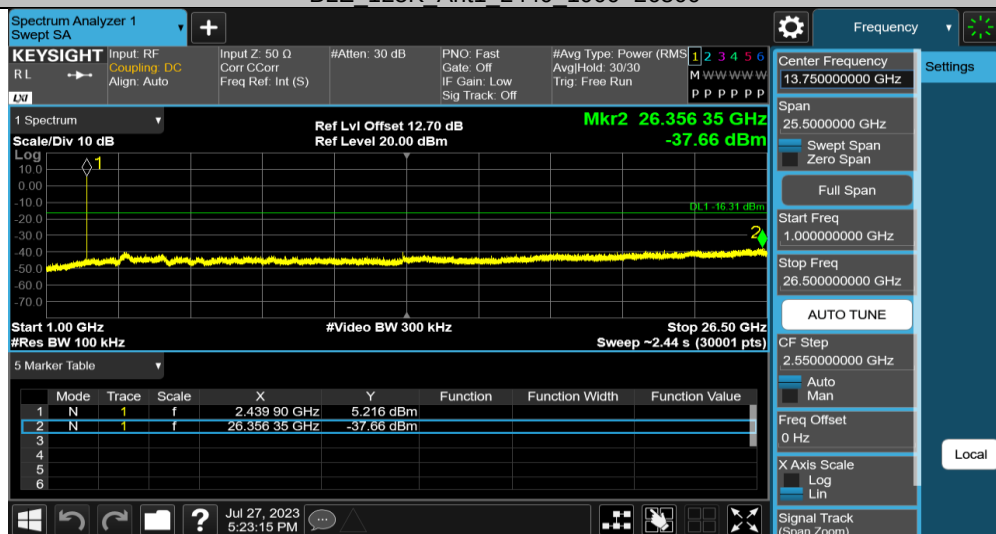




BLE_125K_Ant1_2440_30~1000



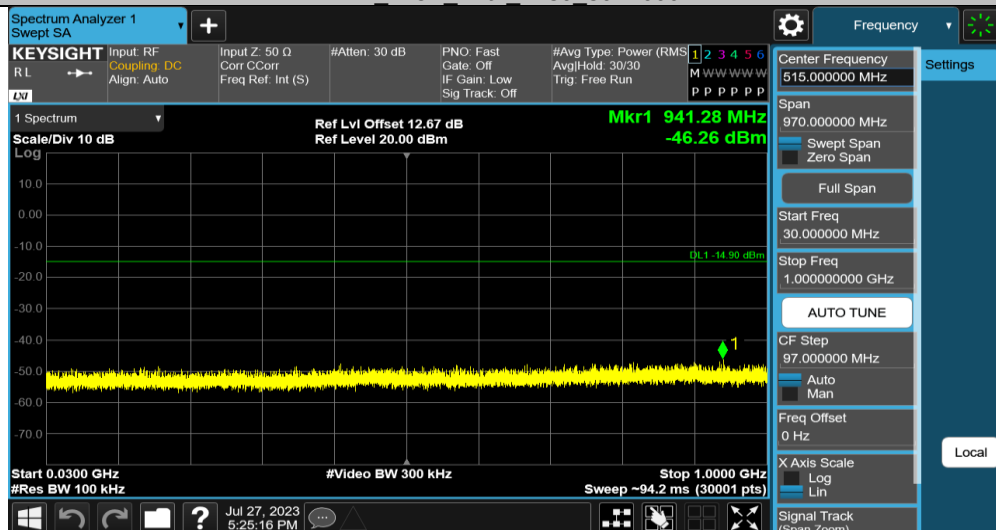
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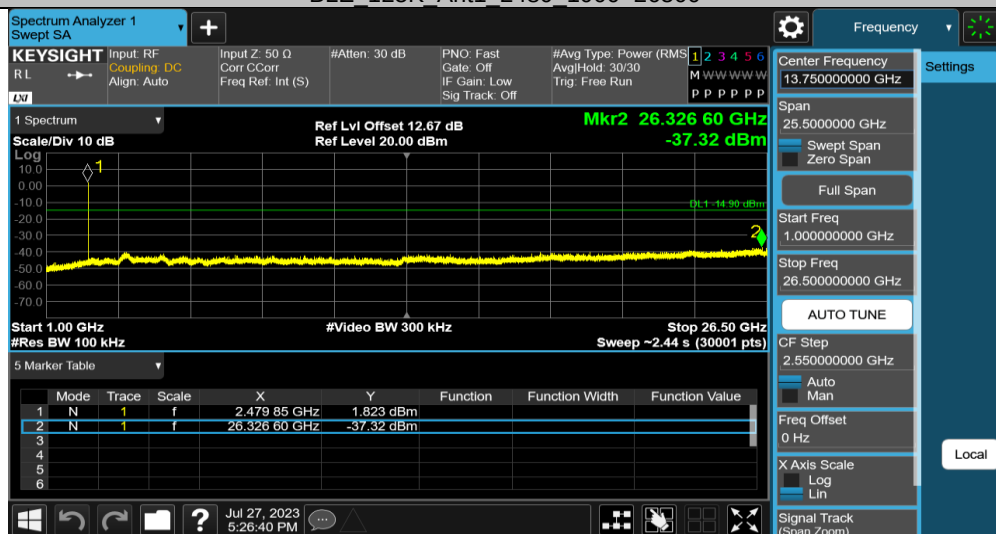
BLE_125K_Ant1_2480_0~Reference



BLE 125K Ant1 2480 30~1000



BLE 125K Ant1 2480 1000~26500



BLE 1M Ant1 2402 0~Reference