

Appendix B: Test Results of 2.4GHz Wi-Fi

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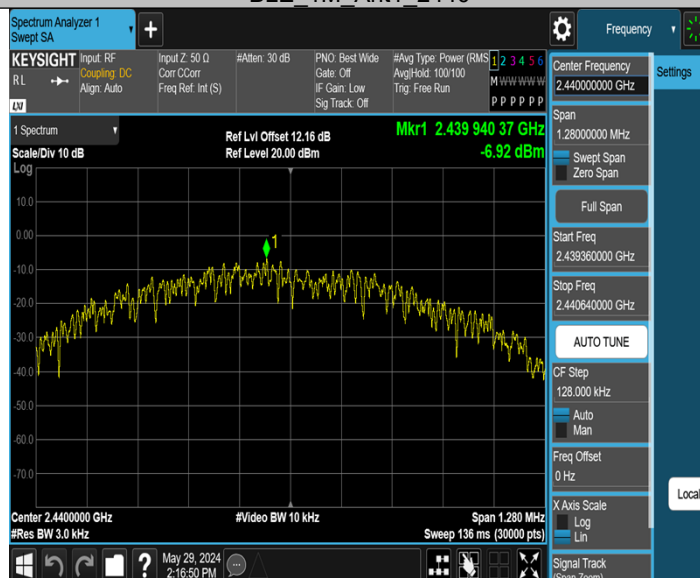
Appendix B.1: Test Results of Conducted Power Spectral Density

TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-6.79	≤8.00	PASS
		2440	-6.93	≤8.00	PASS
		2480	-7.44	≤8.00	PASS
BLE_2M	Ant1	2402	-9.53	≤8.00	PASS
		2440	-9.61	≤8.00	PASS
		2480	-10.07	≤8.00	PASS

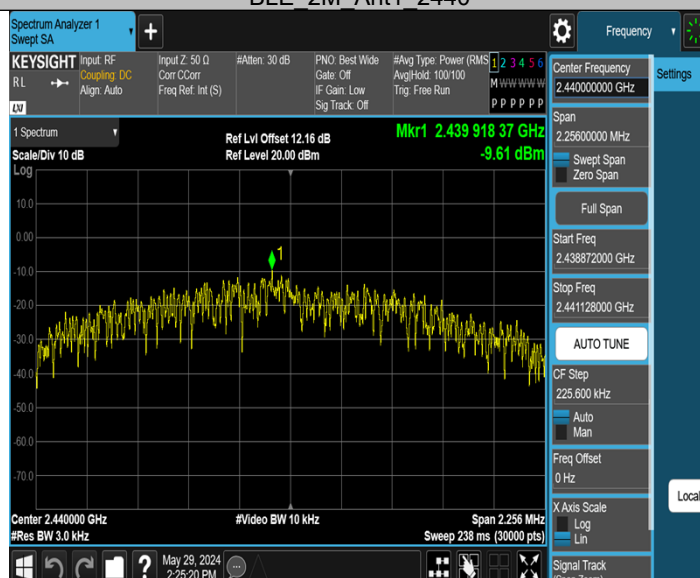
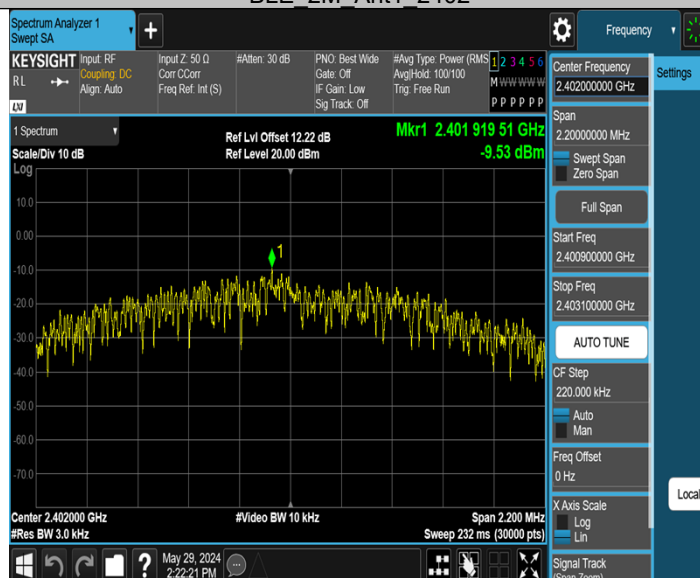
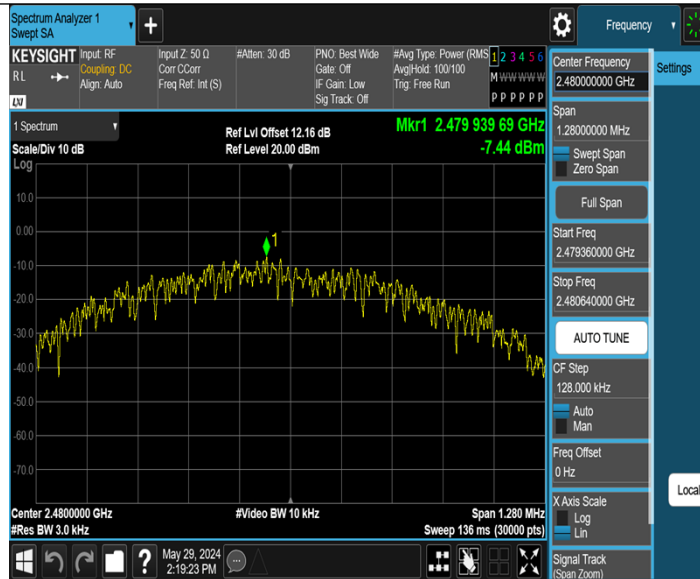
BLE 1M Ant1 2402

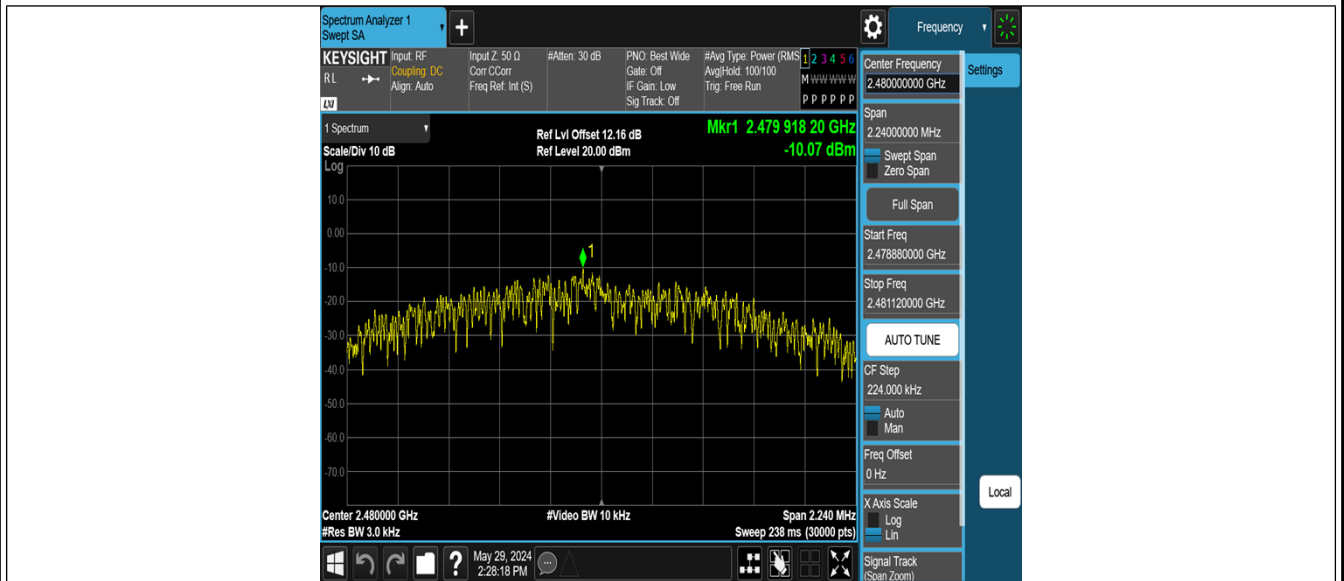


BLE 1M Ant1 2440



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Appendix B.2: Test Results of 6dB Bandwidth

TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.644	2401.640	2402.284	0.5	PASS
		2440	0.640	2439.640	2440.280	0.5	PASS
		2480	0.640	2479.644	2480.284	0.5	PASS
BLE_2M	Ant1	2402	1.100	2401.408	2402.508	0.5	PASS
		2440	1.128	2439.392	2440.520	0.5	PASS
		2480	1.120	2479.424	2480.544	0.5	PASS

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 B.3: Test Results of 99% Bandwidth

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0128	2401.4623	2402.4751	---	---
		2440	1.0196	2439.4618	2440.4814	---	---
		2480	1.0244	2479.4584	2480.4828	---	---
BLE_2M	Ant1	2402	2.0329	2400.9671	2403.0000	---	---
		2440	2.0340	2438.9667	2441.0007	---	---
		2480	2.0370	2478.9688	2481.0058	---	---

BLE_1M_Ant1_2402

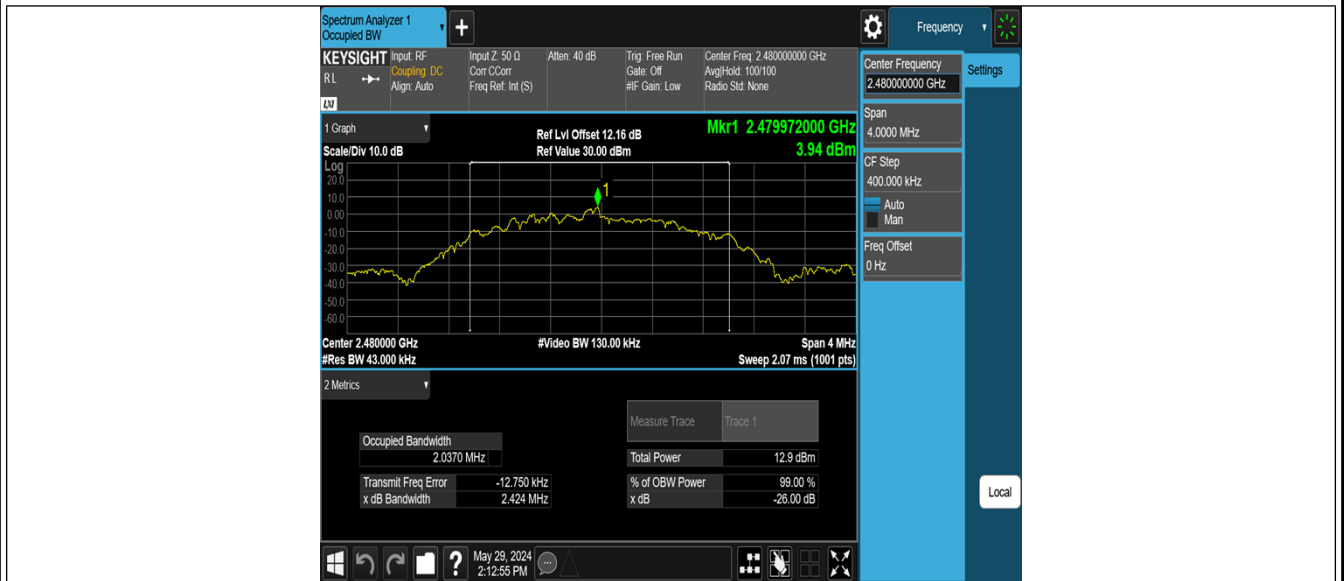


BLE_1M_Ant1_2440



BLE_1M_Ant1_2480





Appendix B.4: Test Results of Conducted Spurious Emissions Measured in 100 kHz Bandwidth

Band Edge

TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	7.594	-44.71	≤-12.41	PASS
		High	2480	6.879	-49.32	≤-13.12	PASS
BLE_2M	Ant1	Low	2402	7.513	-26.59	≤-12.49	PASS
		High	2480	6.979	-43.45	≤-13.02	PASS





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Conducted Spurious Emission

TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	Reference	7.66	7.66	---	PASS
			30~1000	7.66	-46.93	≤-12.34	PASS
			1000~26500	7.66	-37.85	≤-12.34	PASS
		2440	Reference	7.56	7.56	---	PASS
			30~1000	7.56	-47.35	≤-12.44	PASS
			1000~26500	7.56	-38.55	≤-12.44	PASS
		2480	Reference	7.01	7.01	---	PASS
			30~1000	7.01	-46.79	≤-12.99	PASS
			1000~26500	7.01	-38.19	≤-12.99	PASS
BLE_2M	Ant1	2402	Reference	7.55	7.55	---	PASS
			30~1000	7.55	-46.98	≤-12.45	PASS
			1000~26500	7.55	-37.91	≤-12.45	PASS
		2440	Reference	7.20	7.20	---	PASS
			30~1000	7.20	-47.98	≤-12.8	PASS
			1000~26500	7.20	-38.39	≤-12.8	PASS
		2480	Reference	6.97	6.97	---	PASS
			30~1000	6.97	-46.56	≤-13.03	PASS
			1000~26500	6.97	-37.57	≤-13.03	PASS

BLE 1M Ant1 2402 0~Reference



