



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 C: Maximum conducted output power

Test Result

Test Mode	Antenna	Freq(MHz)	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Gain [dBi]	EIRP[dBm]	EIRP Limit[dBm]	Verdict
BLE_1M	Ant1	2402	-1.3	≤30	1.85	0.55	≤36	PASS
		2440	-3.46	≤30	1.85	-1.61	≤36	PASS
		2480	-4.62	≤30	1.85	-2.77	≤36	PASS
BLE_2M	Ant1	2402	-1.36	≤30	1.85	0.49	≤36	PASS
		2440	-3.57	≤30	1.85	-1.72	≤36	PASS
		2480	-4.7	≤30	1.85	-2.85	≤36	PASS



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BLE 1M Ant1 2440



BLE 1M Ant1 2480





BLE 2M Ant1 2402



BLE 2M Ant1 2440



BLE 2M Ant1 2480





Appendix D: Maximum power spectral density

Test Result

Test Mode	Antenna	Freq(MHz)	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-19.86	≤8.00	PASS
		2440	-21.78	≤8.00	PASS
		2480	-23.19	≤8.00	PASS
BLE_2M	Ant1	2402	-21.94	≤8.00	PASS
		2440	-24.23	≤8.00	PASS
		2480	-25.57	≤8.00	PASS



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BLE 2M Ant1 2480





Appendix E: Band edge measurements

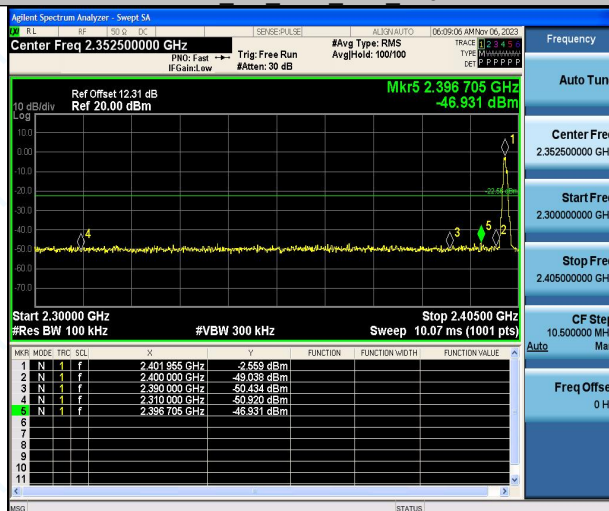
Test Result

TestMode	Antenna	ChName	Freq(MHz)	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	-2.56	-46.93	≤ -22.56	PASS
		High	2480	-5.98	-47	≤ -25.98	PASS
BLE_2M	Ant1	Low	2402	-2.25	-46.6	≤ -22.25	PASS
		High	2480	-5.97	-46.86	≤ -25.97	PASS

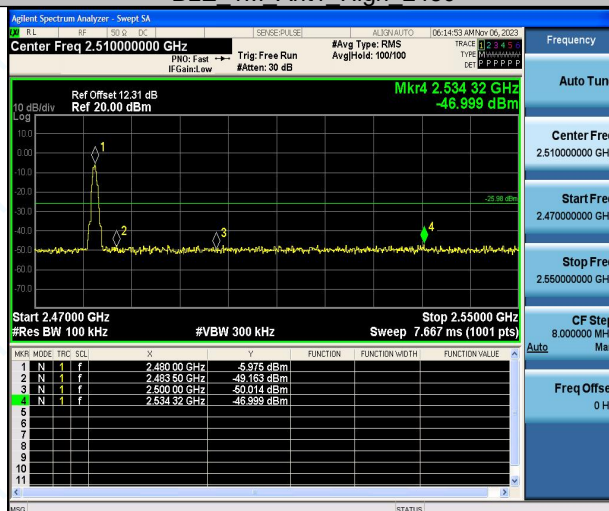


Test Graphs

BLE 1M Ant1 Low 2402

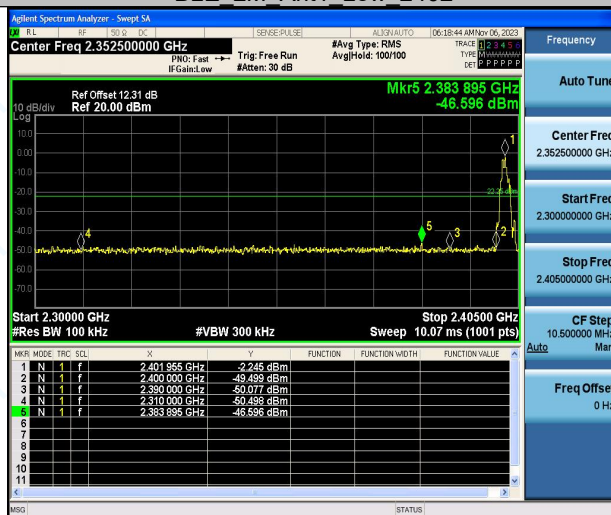


BLE 1M Ant1 High 2480

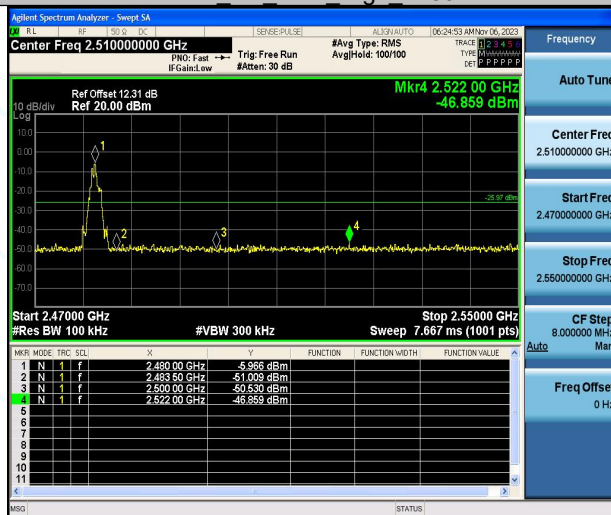




BLE 2M Ant1 Low 2402



BLE 2M Ant1 High 2480





Appendix F: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Freq(MHz)	Freq Range [MHz]	Ref Level [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	Reference	-1.77	-1.77	---	PASS
			30~1000	-1.77	-58.87	≤ -21.77	PASS
			1000~26500	-1.77	-48.38	≤ -21.77	PASS
		2440	Reference	-4.02	-4.02	---	PASS
			30~1000	-4.02	-58.82	≤ -24.02	PASS
			1000~26500	-4.02	-48.89	≤ -24.02	PASS
		2480	Reference	-5.40	-5.40	---	PASS
			30~1000	-5.40	-59.15	≤ -25.4	PASS
			1000~26500	-5.40	-48.09	≤ -25.4	PASS
BLE_2M	Ant1	2402	Reference	-2.28	-2.28	---	PASS
			30~1000	-2.28	-58.68	≤ -22.28	PASS
			1000~26500	-2.28	-48.65	≤ -22.28	PASS
		2440	Reference	-4.65	-4.65	---	PASS
			30~1000	-4.65	-59.22	≤ -24.65	PASS
			1000~26500	-4.65	-48.14	≤ -24.65	PASS
		2480	Reference	-5.89	-5.89	---	PASS
			30~1000	-5.89	-58.64	≤ -25.89	PASS
			1000~26500	-5.89	-48.4	≤ -25.89	PASS

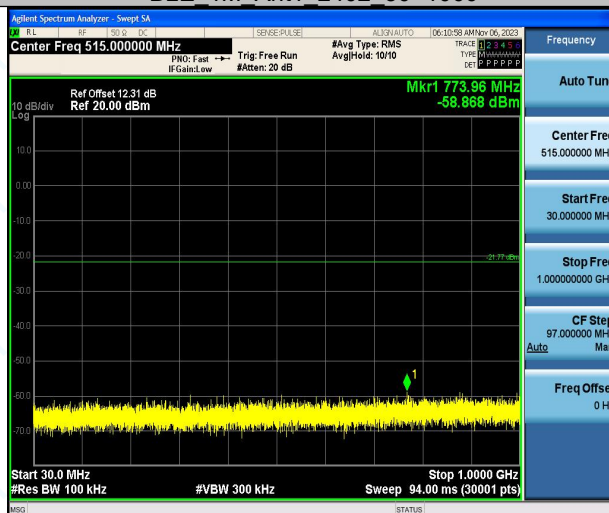


Test Graphs

BLE 1M Ant1 2402 0~Reference



BLE 1M Ant1 2402 30~1000



BLE 1M Ant1 2402 1000~26500

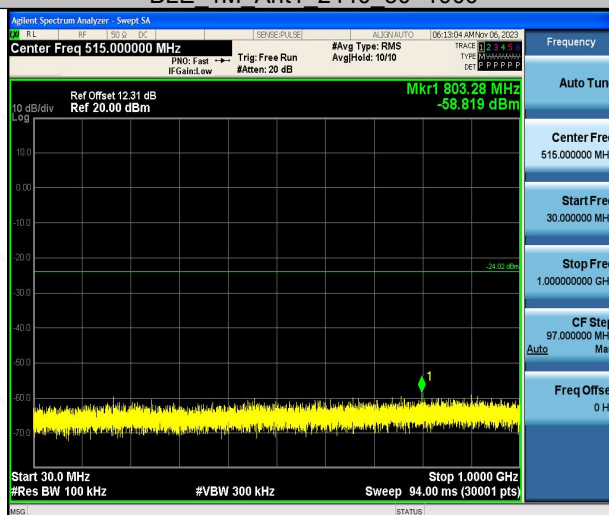




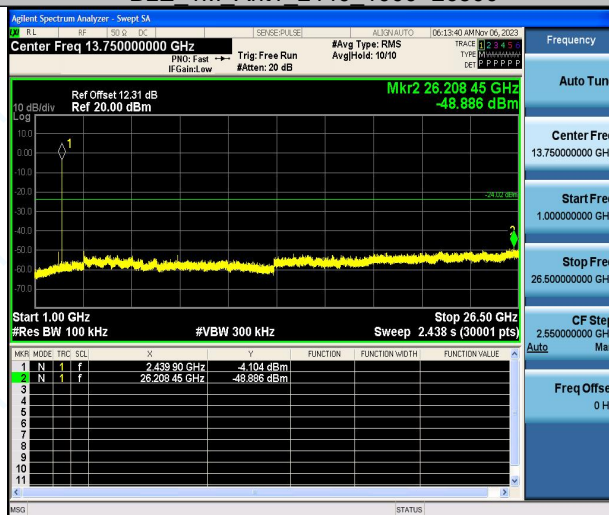
BLE 1M Ant1 2440 0~Reference



BLE 1M Ant1 2440 30~1000



BLE 1M Ant1 2440 1000~26500

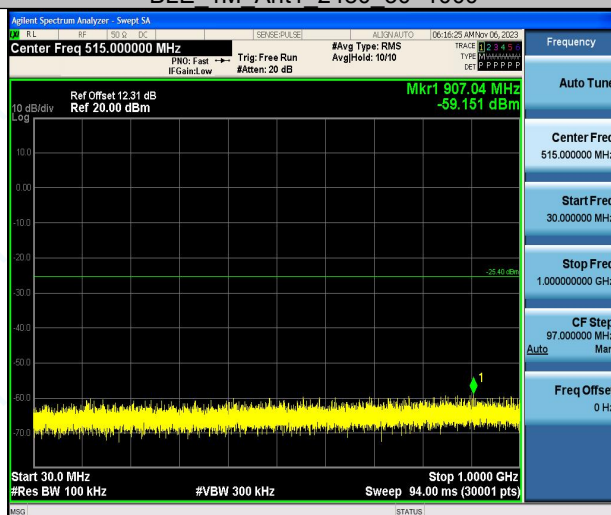




BLE 1M Ant1 2480 0~Reference



BLE 1M Ant1 2480 30~1000



BLE 1M Ant1 2480 1000~26500

