

FCC ID: 2A64B-ZJ2618

IC: 28593-ZJ2618

Appendix A of 2605B1796SHA-001 Test Data of Bluetooth

DTS Bandwidth

Test Result

TestMode	Antenna	Frequency [MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.712	2401.652	2402.364	0.5	PASS
BLE_1M	Ant1	2440	0.728	2439.644	2440.372	0.5	PASS
BLE_1M	Ant1	2480	0.716	2479.656	2480.372	0.5	PASS

Test Graphs



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Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Frequency [MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0361	2401.5061	2402.5422	---	---
BLE_1M	Ant1	2440	1.0361	2439.5067	2440.5428	---	---
BLE_1M	Ant1	2480	1.0350	2479.5076	2480.5426	---	---

Test Graphs



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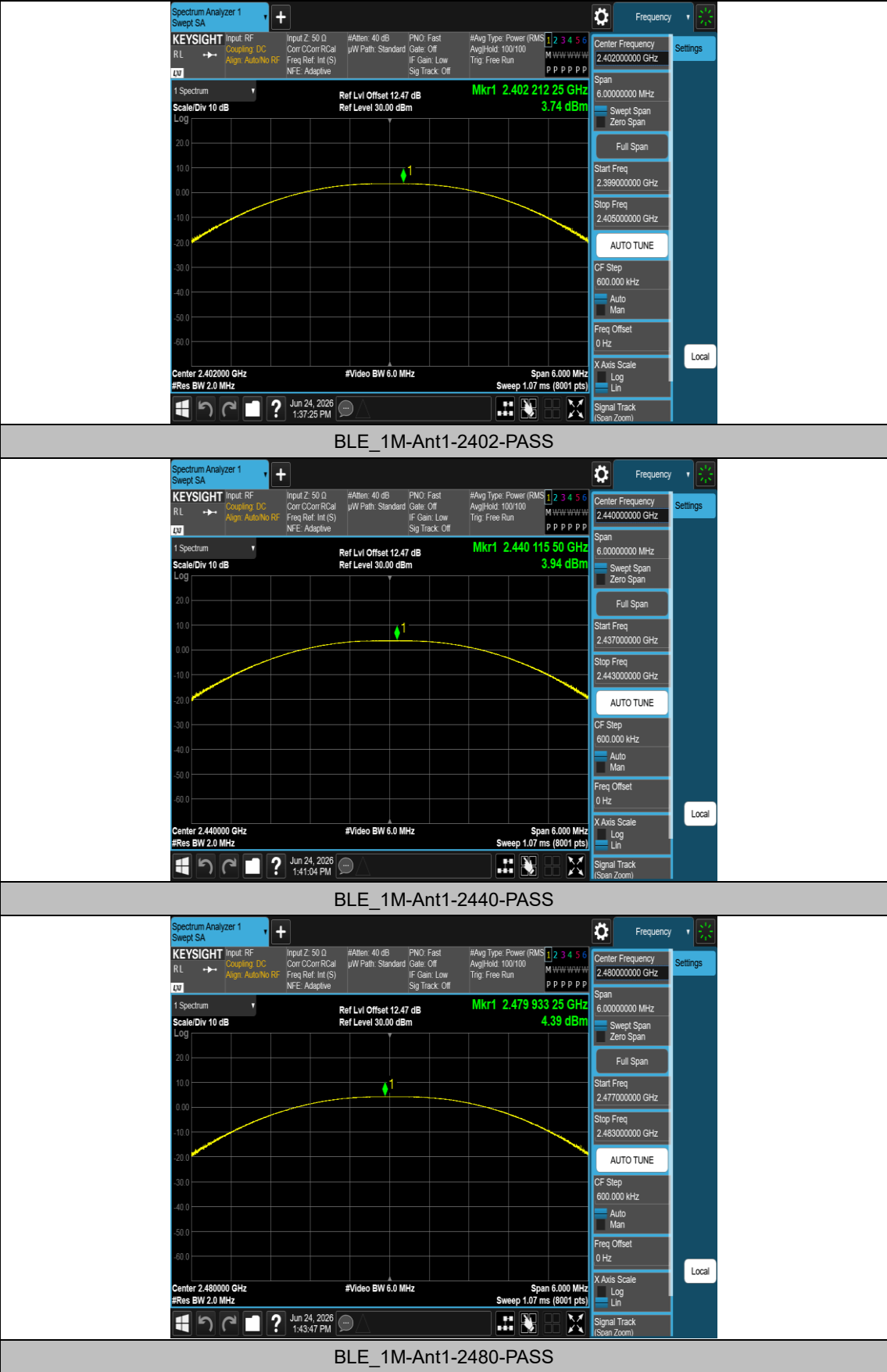
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Maximum conducted output power

Test Result Peak

TestMode	Antenna	Frequency [MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	EIRP[dBm]	EIRP Limit[dBm]	Verdict
BLE_1M	Ant1	2402	3.74	≤30	4.54	≤36	PASS
BLE_1M	Ant1	2440	3.94	≤30	4.74	≤36	PASS
BLE_1M	Ant1	2480	4.39	≤30	5.19	≤36	PASS

Test Graphs Peak



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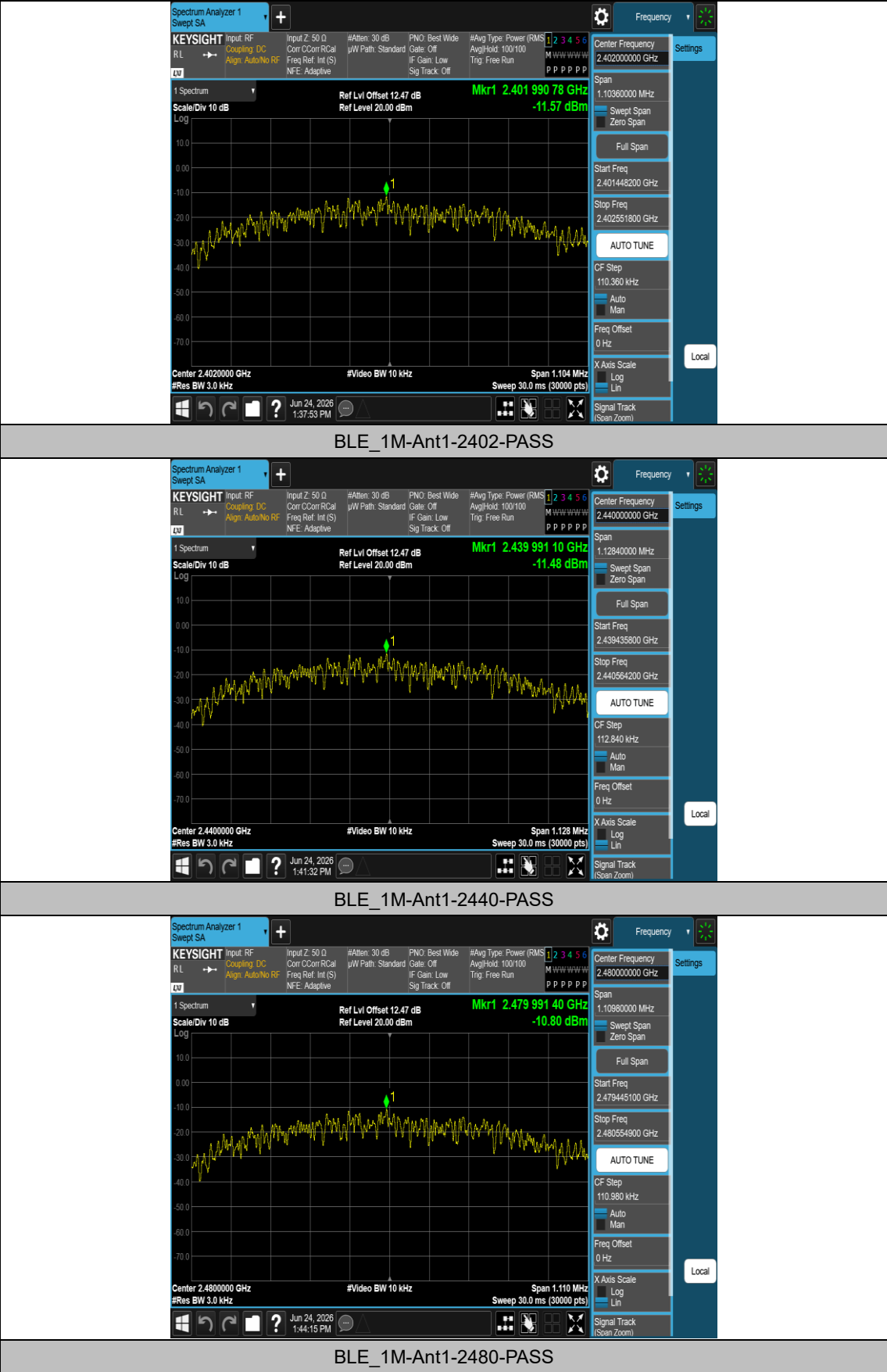
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Maximum power spectral density

Test Result

TestMode	Antenna	Frequency [MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-11.57	≤8.00	PASS
BLE_1M	Ant1	2440	-11.48	≤8.00	PASS
BLE_1M	Ant1	2480	-10.80	≤8.00	PASS

Test Graphs



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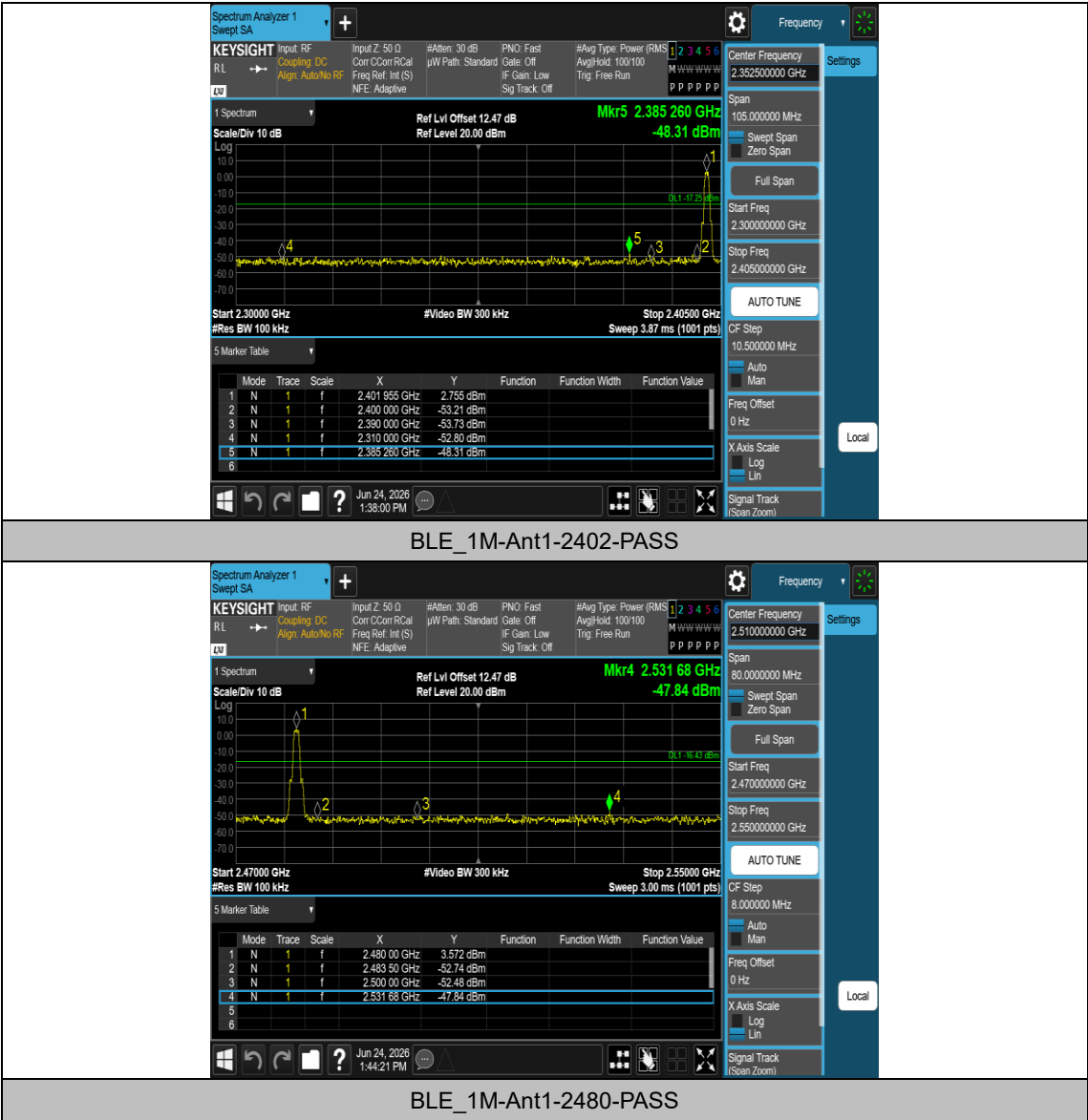
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Band edge measurements

Test Result

TestMode	Antenna	ChName	Frequency [MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	2.76	-48.32	≤-17.25	PASS
BLE_1M	Ant1	High	2480	3.57	-47.84	≤-16.43	PASS

Test Graphs



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Conducted Spurious Emission

Test Result

TestMode	Antenna	Frequency [MHz]	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	3.00	3.00	---	PASS
BLE_1M	Ant1	2402	30~1000	3.00	-60.3	≤-17	PASS
BLE_1M	Ant1	2402	1000~26500	3.00	-38.4	≤-17	PASS
BLE_1M	Ant1	2440	0~Reference	3.03	3.03	---	PASS
BLE_1M	Ant1	2440	30~1000	3.03	-62.35	≤-16.97	PASS
BLE_1M	Ant1	2440	1000~26500	3.03	-38.37	≤-16.97	PASS
BLE_1M	Ant1	2480	0~Reference	3.65	3.65	---	PASS
BLE_1M	Ant1	2480	30~1000	3.65	-62.3	≤-16.35	PASS
BLE_1M	Ant1	2480	1000~26500	3.65	-38.88	≤-16.35	PASS

Test Graphs

