

Appendix B of BLE Results

DTS Bandwidth

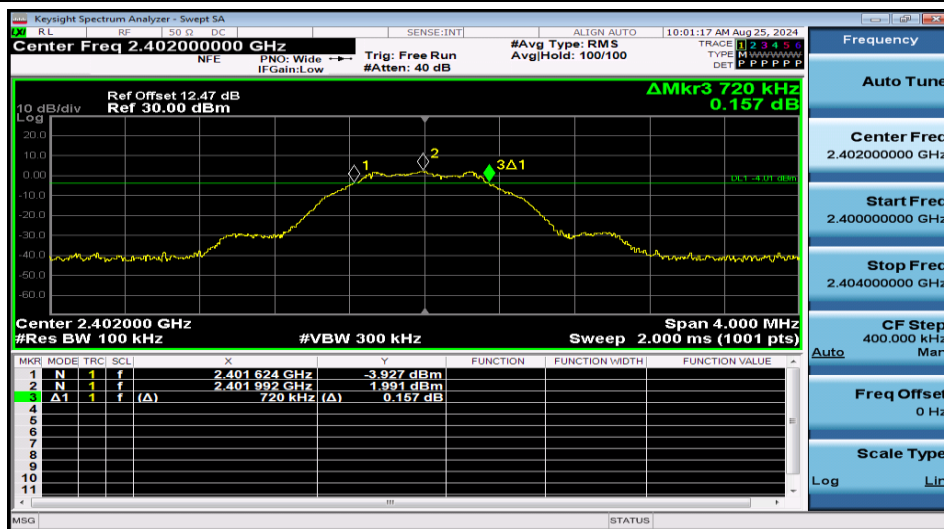
Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.720	2401.624	2402.344	0.5	PASS
BLE_1M	Ant1	2440	0.704	2439.636	2440.340	0.5	PASS
BLE_1M	Ant1	2480	0.712	2479.624	2480.336	0.5	PASS

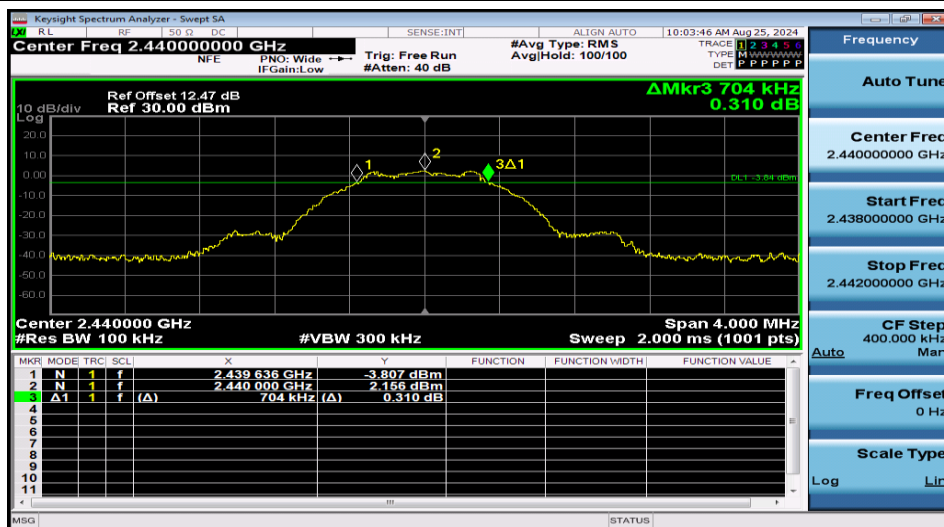
2A64B-DEX56

28593-DEX56

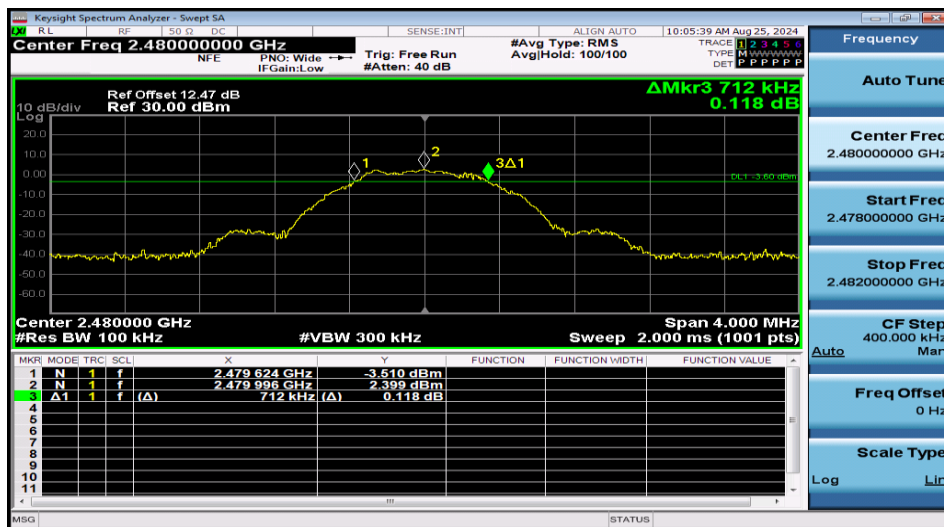
Test Graphs



BLE_1M-Ant1-2402-PASS



BLE_1M-Ant1-2440-PASS



BLE_1M-Ant1-2480-PASS

FCC ID: 2A64B-DEX56

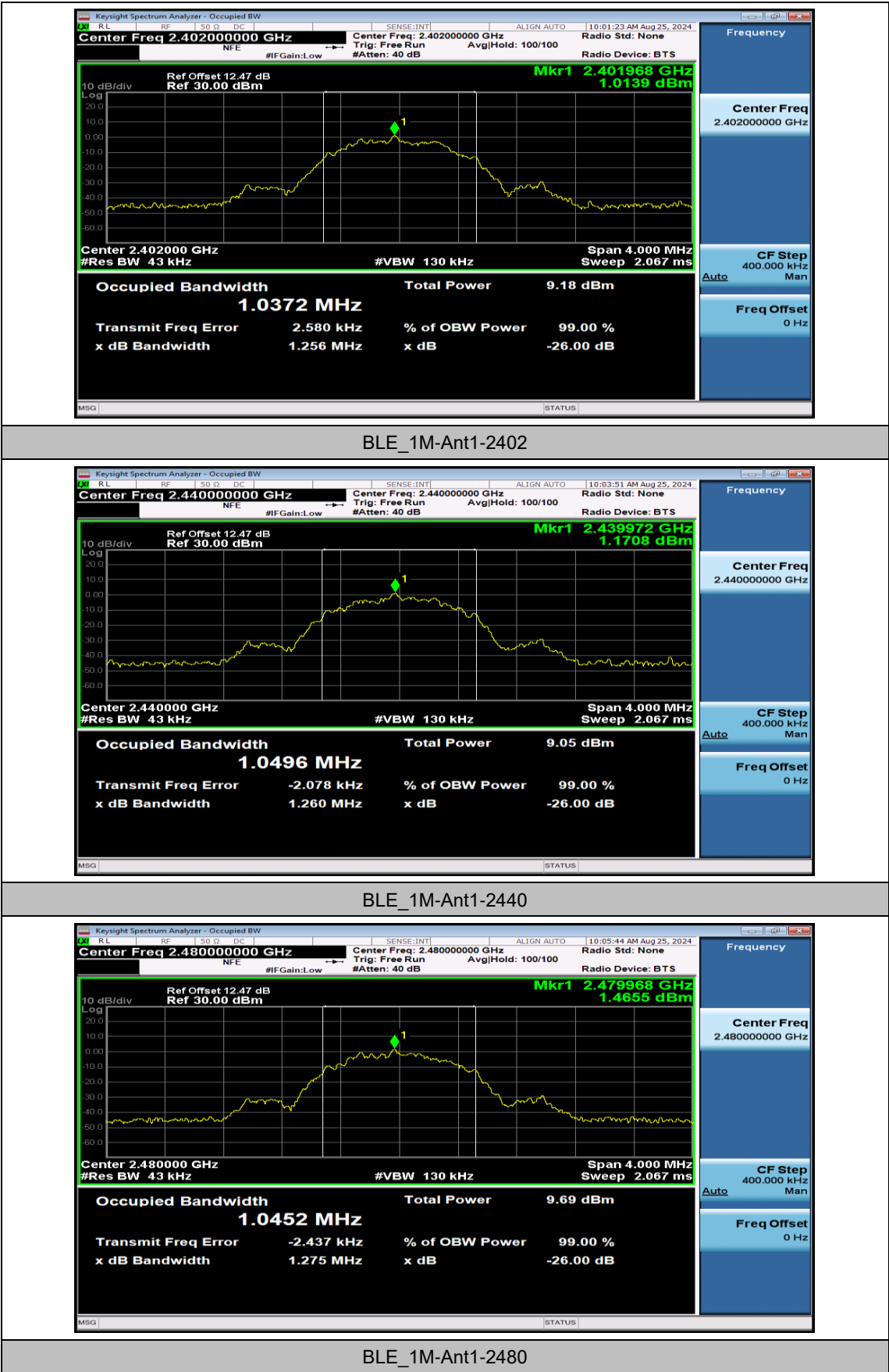
IC: 28593-DEX56

Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0372	2401.4840	2402.5212	---	---
BLE_1M	Ant1	2440	1.0496	2439.4731	2440.5227	---	---
BLE_1M	Ant1	2480	1.0452	2479.4750	2480.5202	---	---

Test Graphs

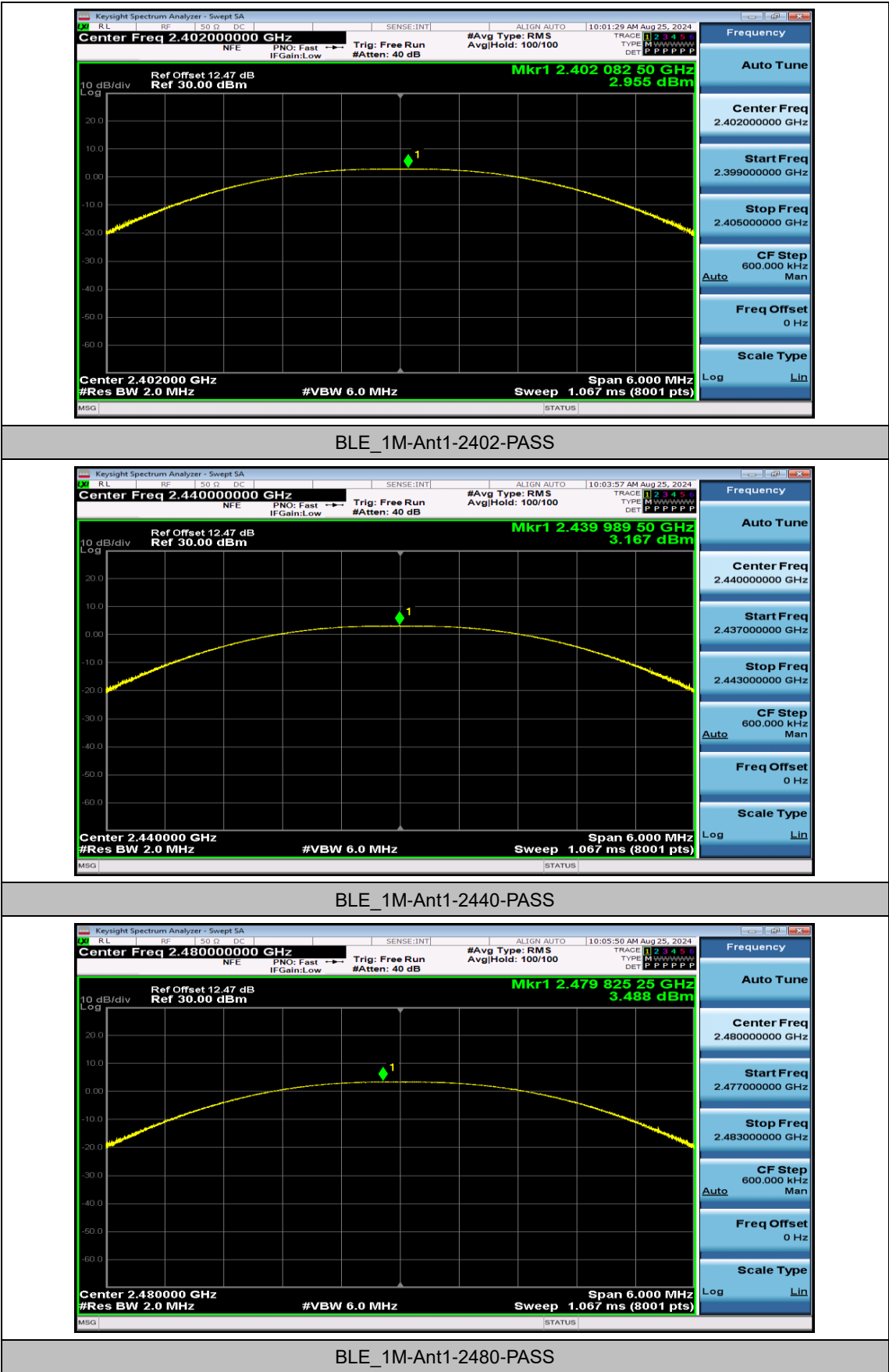


Maximum conducted output power

Test Result Peak

TestMode	Antenna	Frequency [MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Gain [dBi]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
BLE_1M	Ant1	2402	2.96	≤30	2.55	5.51	≤36	PASS
BLE_1M	Ant1	2440	3.17	≤30	2.55	5.72	≤36	PASS
BLE_1M	Ant1	2480	3.49	≤30	2.55	6.04	≤36	PASS

Test Graphs Peak



FCC ID:2A64B-DEX56

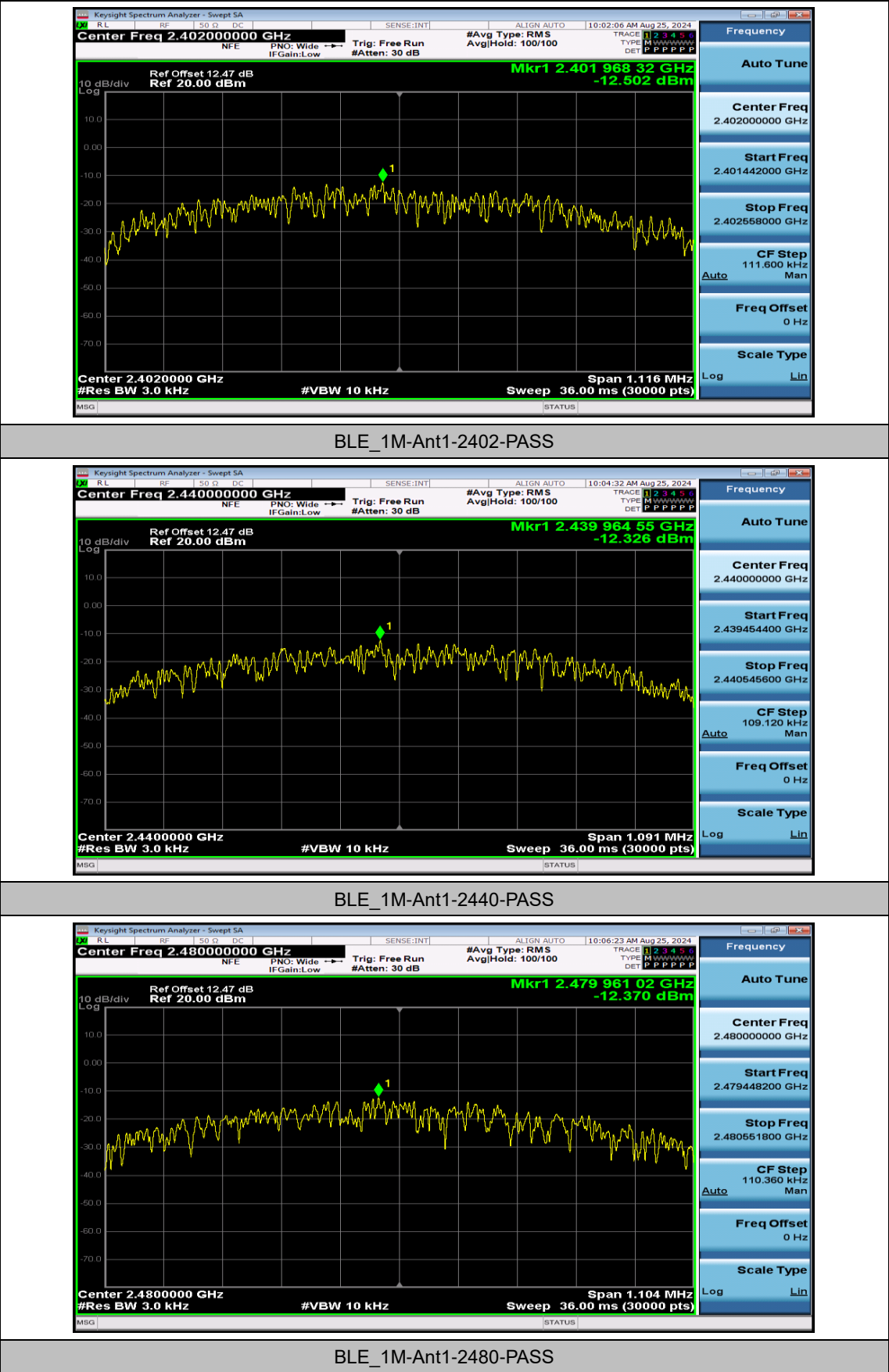
IC:28593-DEX56

Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-12.50	≤8.00	PASS
BLE_1M	Ant1	2440	-12.33	≤8.00	PASS
BLE_1M	Ant1	2480	-12.37	≤8.00	PASS

Test Graphs



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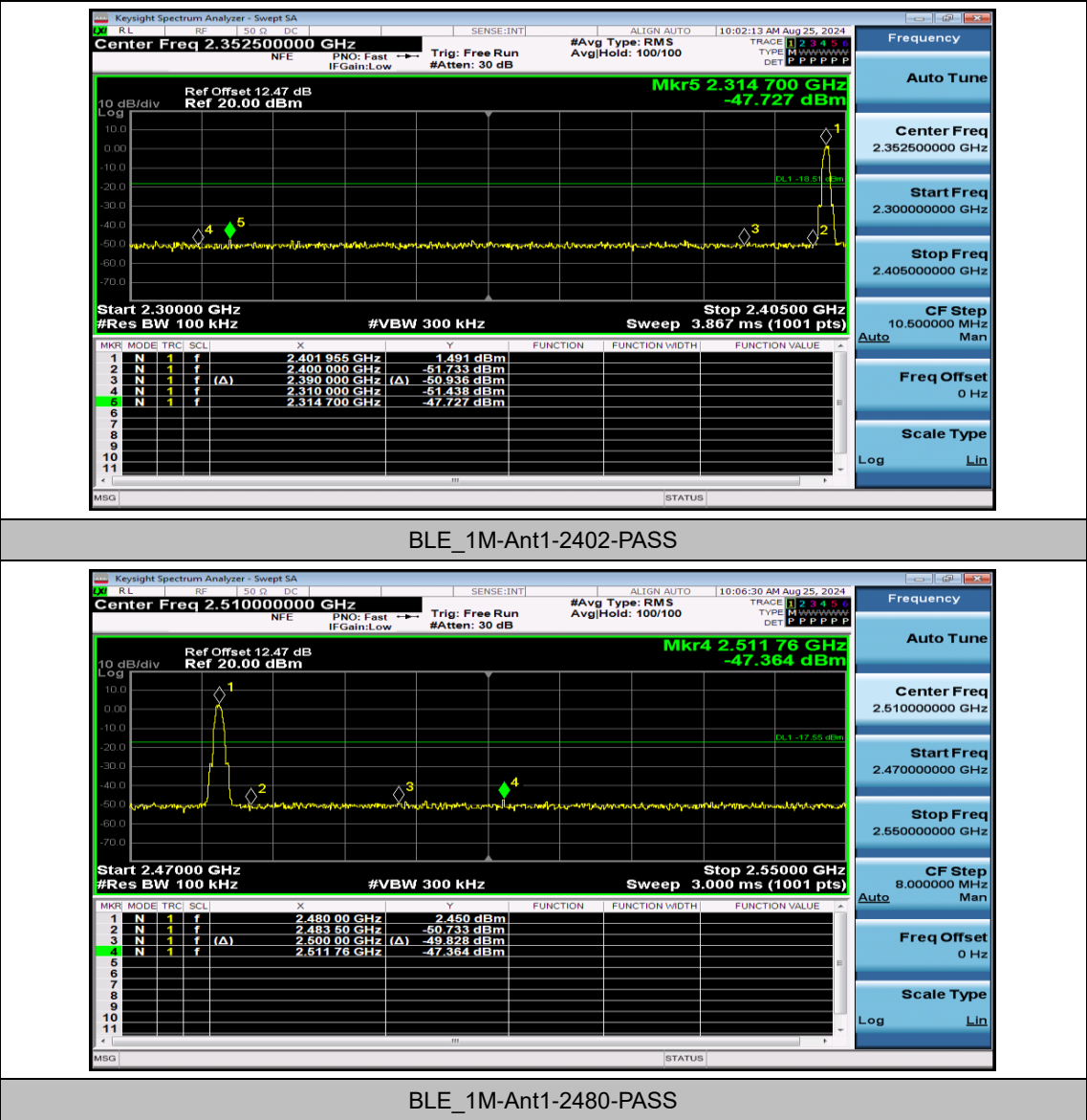
IC:28593-DEX56

Band edge measurements

Test Result

TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	1.49	-47.73	≤-18.51	PASS
BLE_1M	Ant1	High	2480	2.45	-47.36	≤-17.55	PASS

Test Graphs



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Appendix G: Conducted Spurious Emission

Test Result

TestMode	Antenna	Frequency [MHz]	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	1.84	1.84	---	PASS
BLE_1M	Ant1	2402	30~1000	1.84	-59.02	≤-18.16	PASS
BLE_1M	Ant1	2402	1000~26500	1.84	-51.75	≤-18.16	PASS
BLE_1M	Ant1	2440	0~Reference	2.07	2.07	---	PASS
BLE_1M	Ant1	2440	30~1000	2.07	-60.13	≤-17.93	PASS
BLE_1M	Ant1	2440	1000~26500	2.07	-51.53	≤-17.93	PASS
BLE_1M	Ant1	2480	0~Reference	1.50	1.50	---	PASS
BLE_1M	Ant1	2480	30~1000	1.50	-59.47	≤-18.5	PASS
BLE_1M	Ant1	2480	1000~26500	1.50	-51.56	≤-18.5	PASS

Test Graphs

