

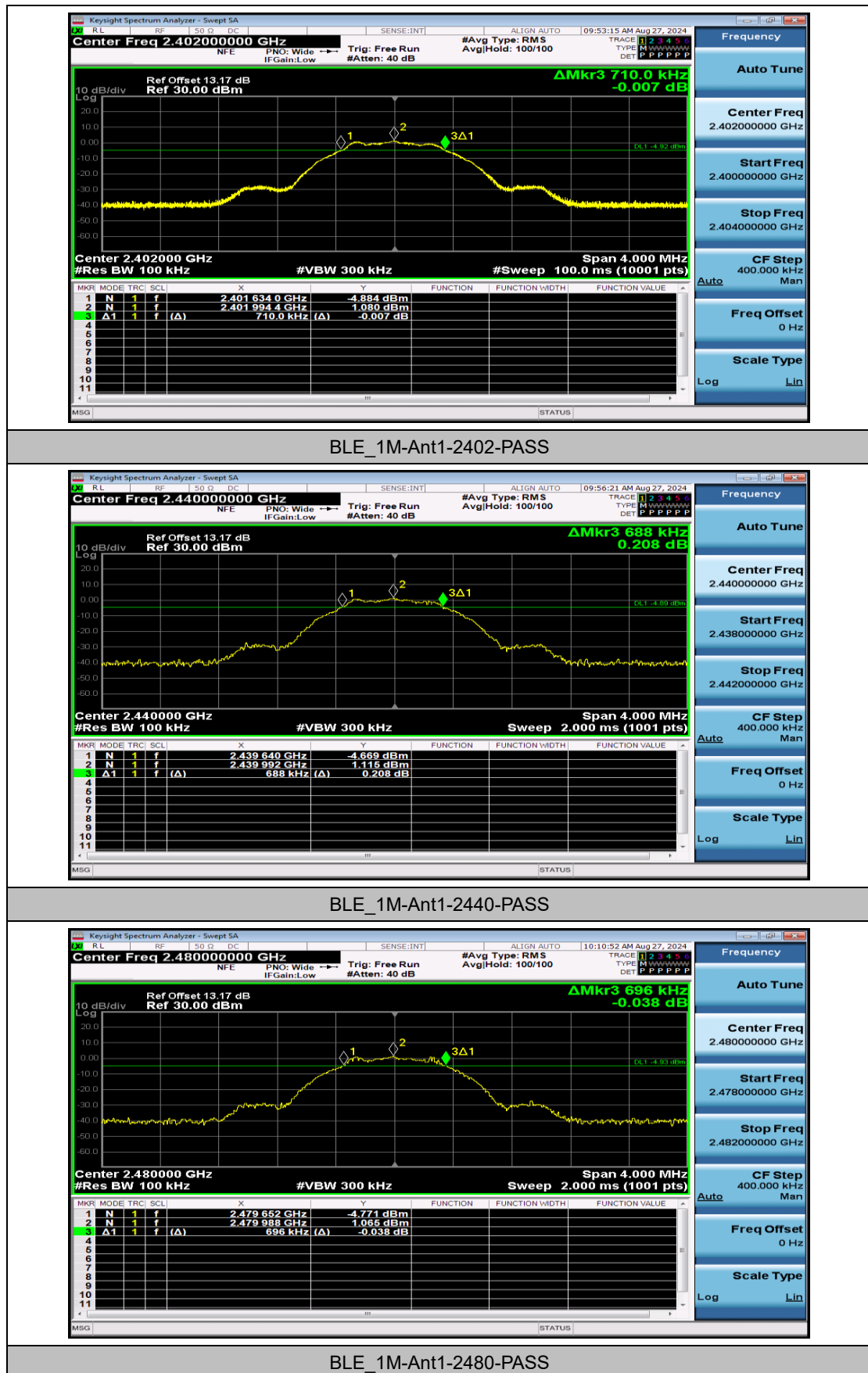
Appendix A of BLE results

DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.710	2401.634	2402.344	0.5	PASS
BLE_1M	Ant1	2440	0.688	2439.640	2440.328	0.5	PASS
BLE_1M	Ant1	2480	0.696	2479.652	2480.348	0.5	PASS

Test Graphs



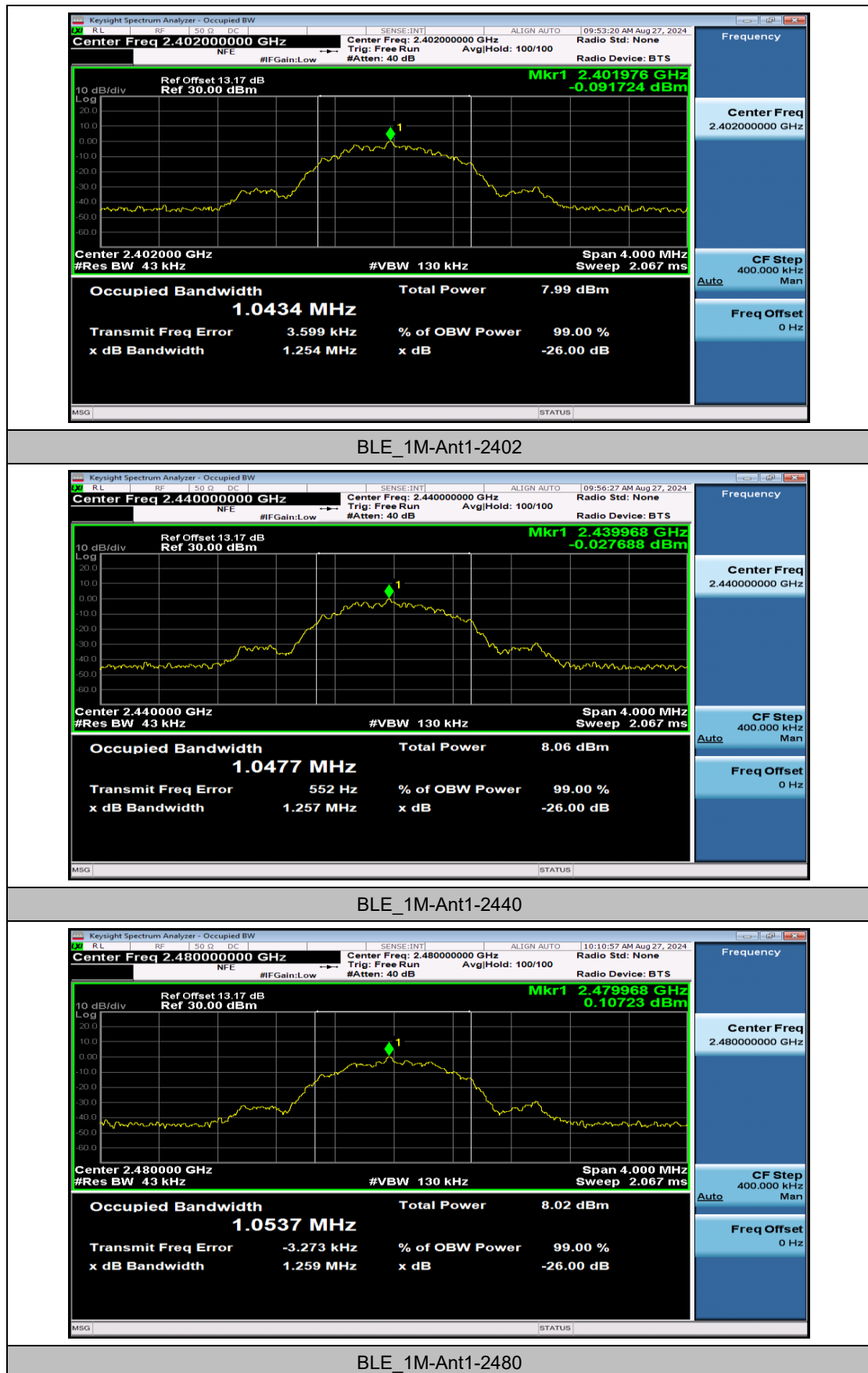
FCC ID: 2APBOAN950
IC: 23717-AN950

Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0434	2401.4819	2402.5253	---	---
BLE_1M	Ant1	2440	1.0477	2439.4767	2440.5244	---	---
BLE_1M	Ant1	2480	1.0537	2479.4699	2480.5236	---	---

Test Graphs



FCC ID: 2APBOAN950

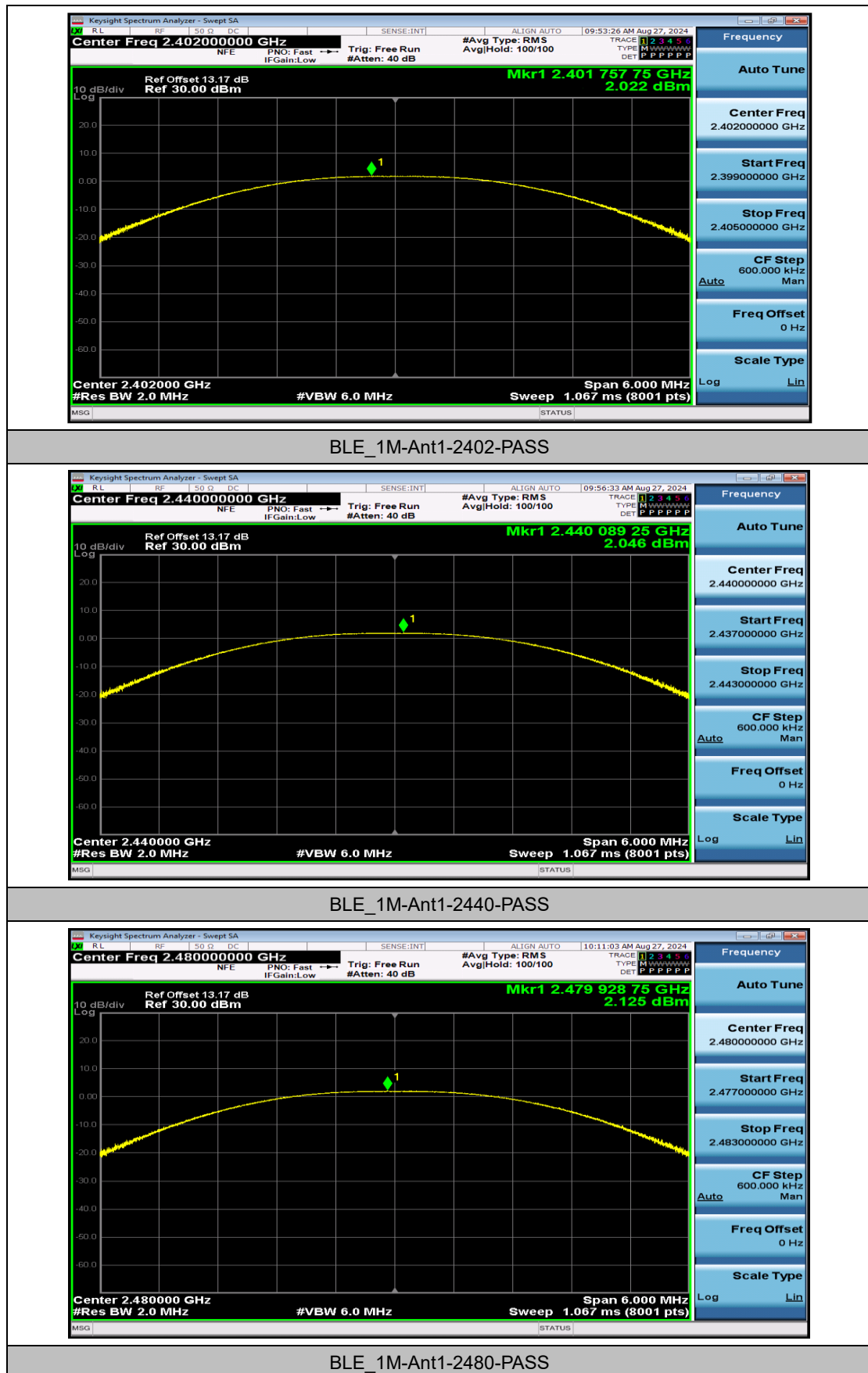
IC: 23717-AN950

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	2.02	≤30	7.43	≤36	PASS
BLE_1M	Ant1	2440	2.05	≤30	7.46	≤36	PASS
BLE_1M	Ant1	2480	2.13	≤30	7.54	≤36	PASS

Test Graphs Peak



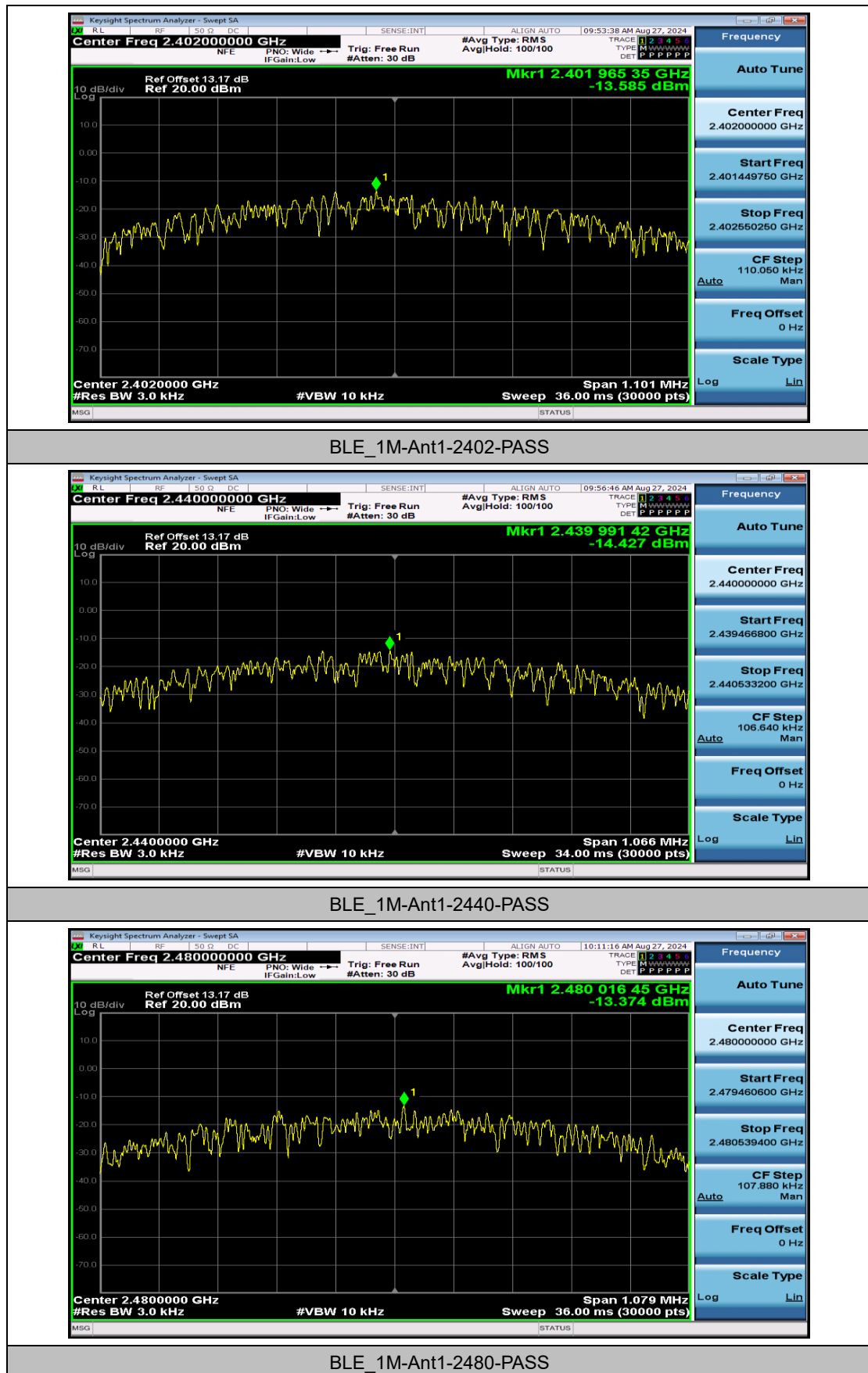
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Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-13.59	≤8.00	PASS
BLE_1M	Ant1	2440	-14.43	≤8.00	PASS
BLE_1M	Ant1	2480	-13.37	≤8.00	PASS

Test Graphs



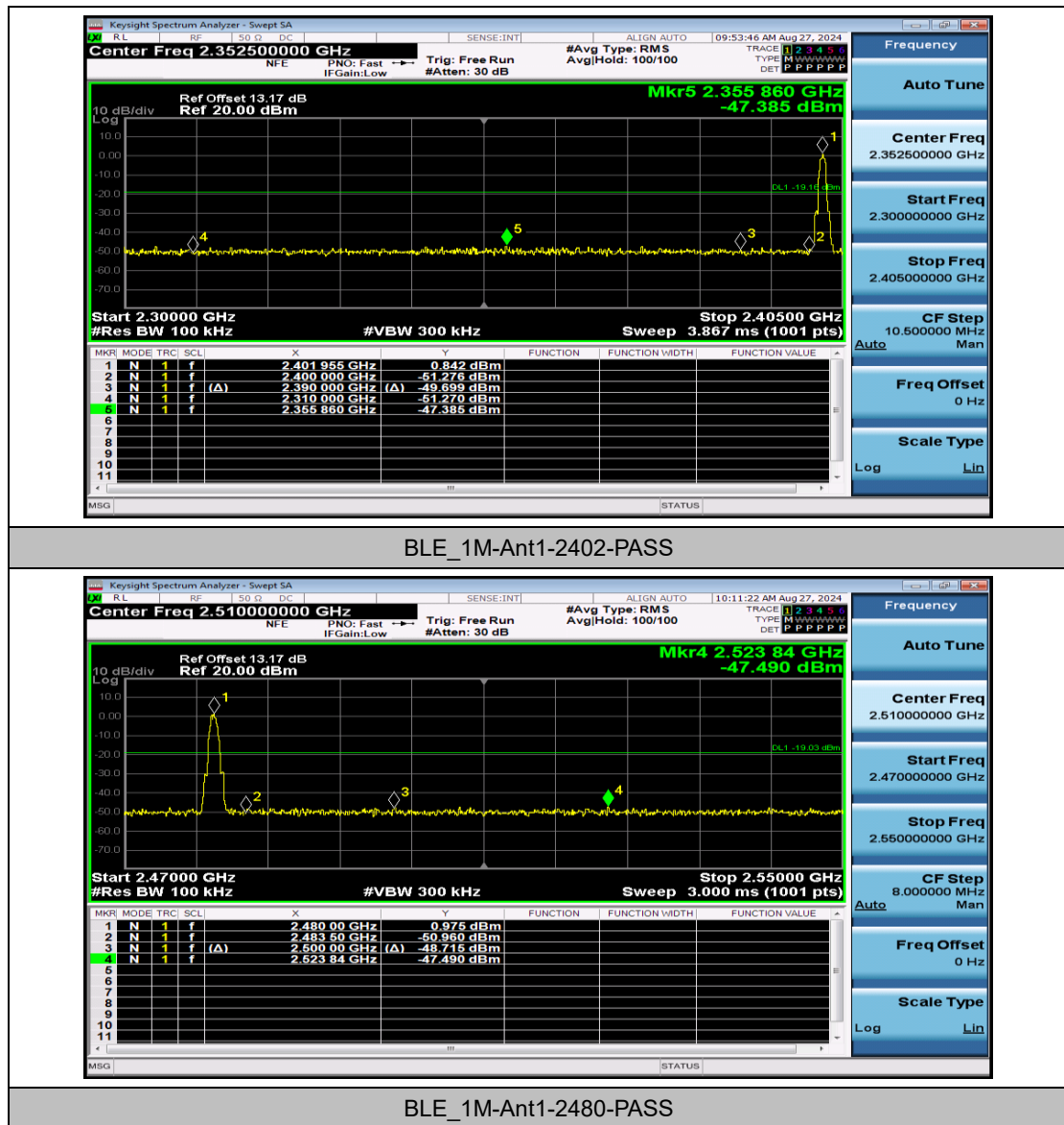
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IC: 23717-AN950

Band edge measurements

Test Result

TestMode	Antenna	Channel	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	0.84	-47.39	≤-19.16	PASS
BLE_1M	Ant1	High	2480	0.98	-47.49	≤-19.03	PASS

Test Graphs

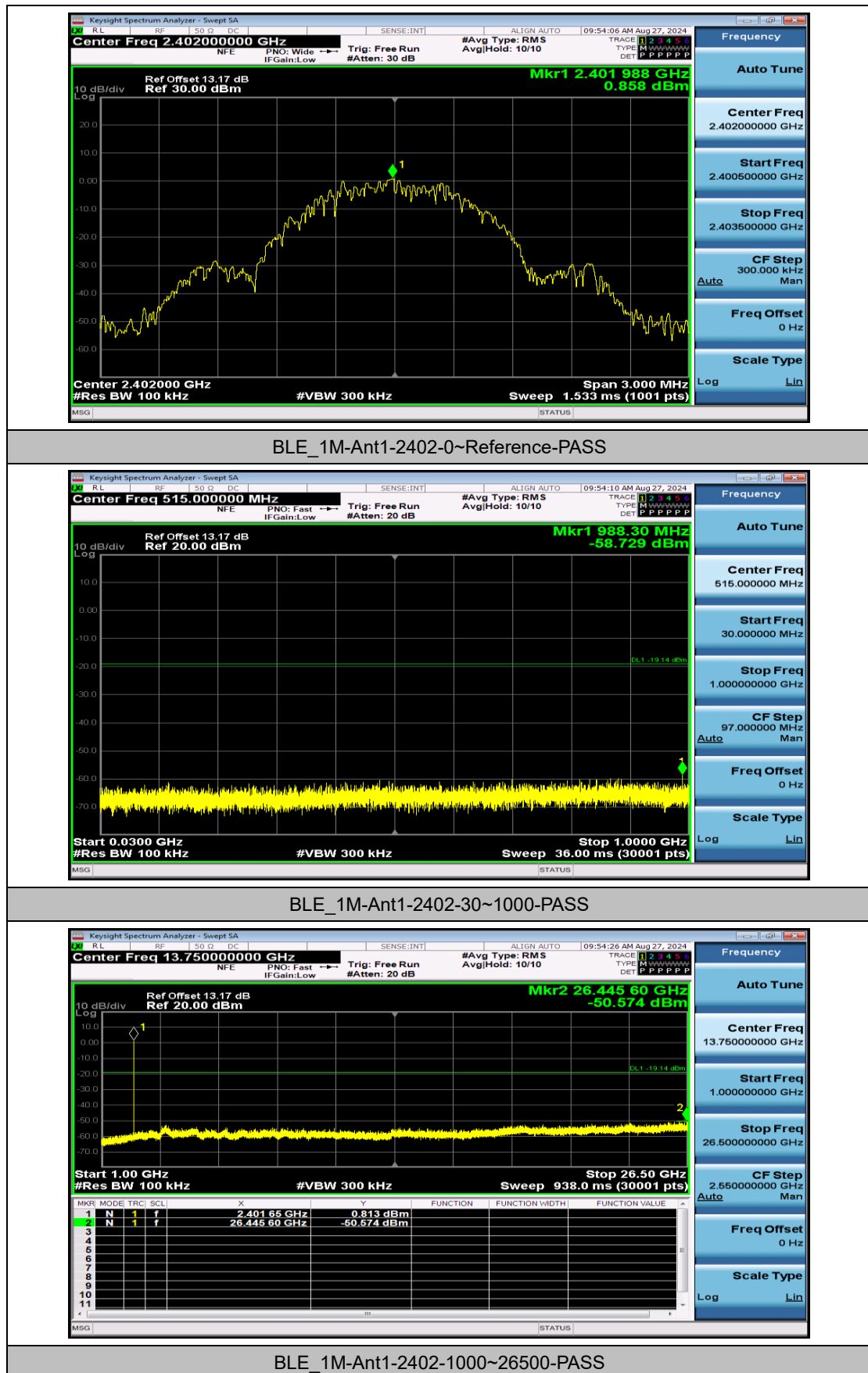


Conducted Spurious Emission

Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	0.86	0.86	---	PASS
BLE_1M	Ant1	2402	30~1000	0.86	-58.73	≤-19.14	PASS
BLE_1M	Ant1	2402	1000~26500	0.86	-50.57	≤-19.14	PASS
BLE_1M	Ant1	2440	0~Reference	0.26	0.26	---	PASS
BLE_1M	Ant1	2440	30~1000	0.26	-59.54	≤-19.74	PASS
BLE_1M	Ant1	2440	1000~26500	0.26	-50.62	≤-19.74	PASS
BLE_1M	Ant1	2480	0~Reference	1.07	1.07	---	PASS
BLE_1M	Ant1	2480	30~1000	1.07	-59.52	≤-18.93	PASS
BLE_1M	Ant1	2480	1000~26500	1.07	-50.59	≤-18.93	PASS

Test Graphs

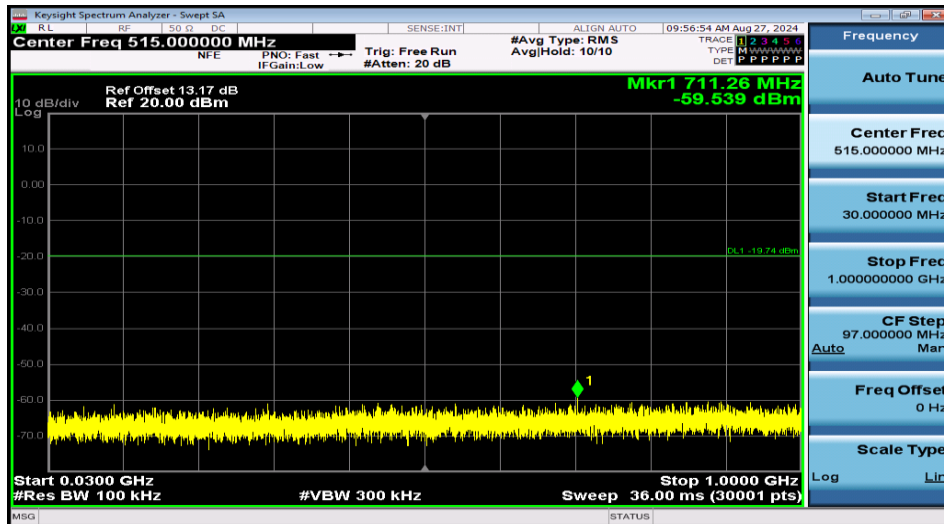


FCC ID: 2APBOAN950

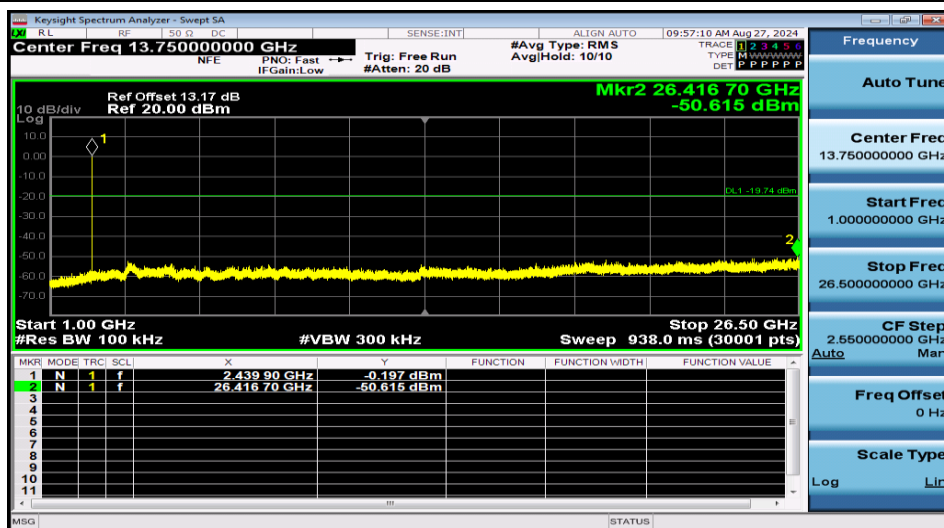
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BLE_1M-Ant1-2440-0~Reference-PASS



BLE_1M-Ant1-2440-30~1000-PASS

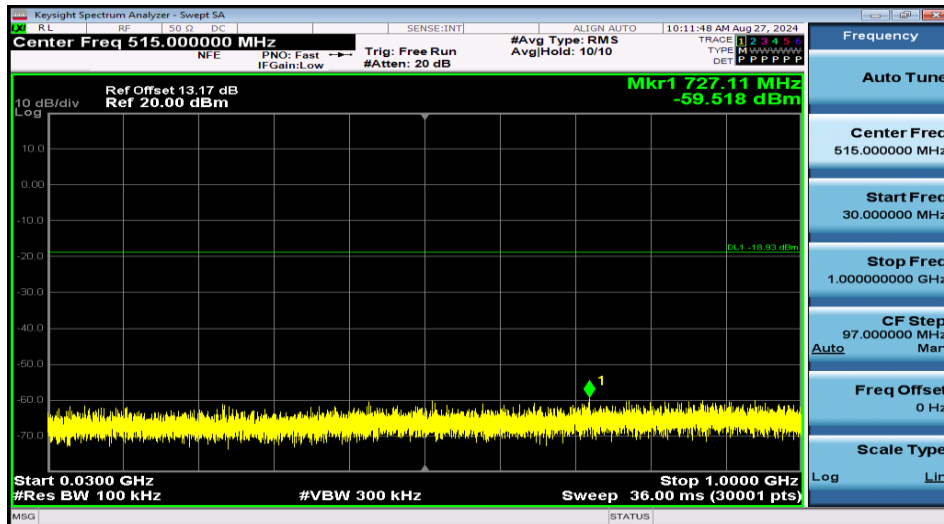


BLE_1M-Ant1-2440-1000~26500-PASS

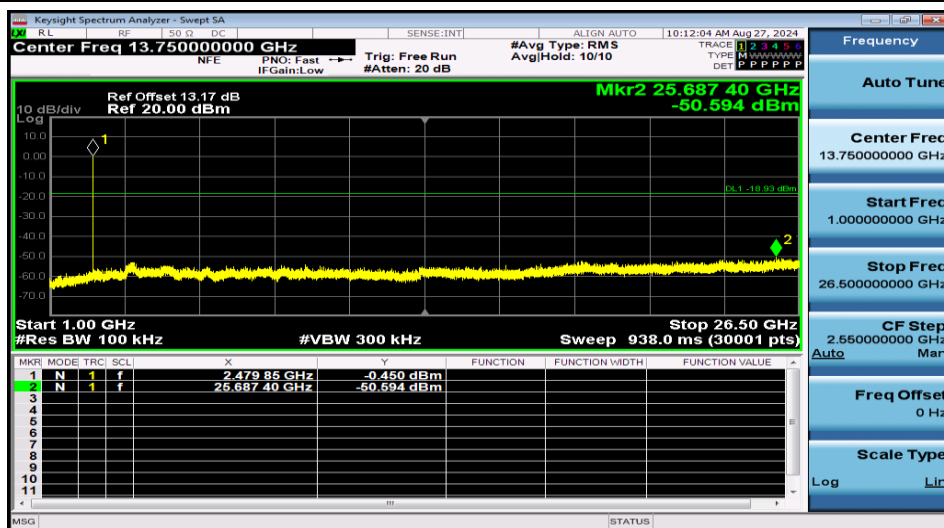
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BLE_1M-Ant1-2480-0~Reference-PASS



BLE_1M-Ant1-2480-30~1000-PASS



BLE_1M-Ant1-2480-1000~26500-PASS