Appendix A of 2512B1384SHA-001 for BLE test 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	2401.632	2402.352	0.5	PASS
BLE_1M	Ant1	2440	0.712	2439.644	2440.356	0.5	PASS
BLE_1M	Ant1	2480	0.708	2479.644	2480.352	0.5	PASS

FCC ID: **2A64B-DEX35**

IC: **28593-DEX35**

Test Graphs

BLE_1M-Ant1-2402-PASS

BLE_1M-Ant1-2440-PASS

BLE_1M-Ant1-2480-PASS

Occupied Channel Bandwidth

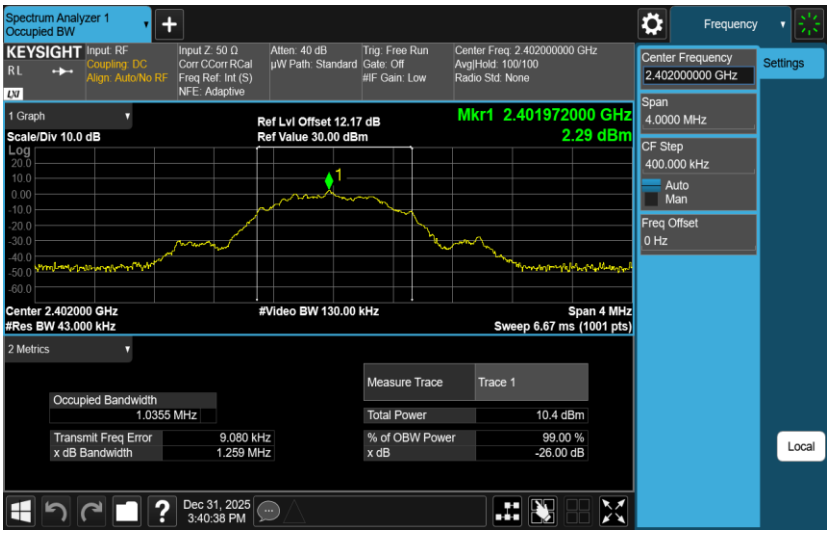
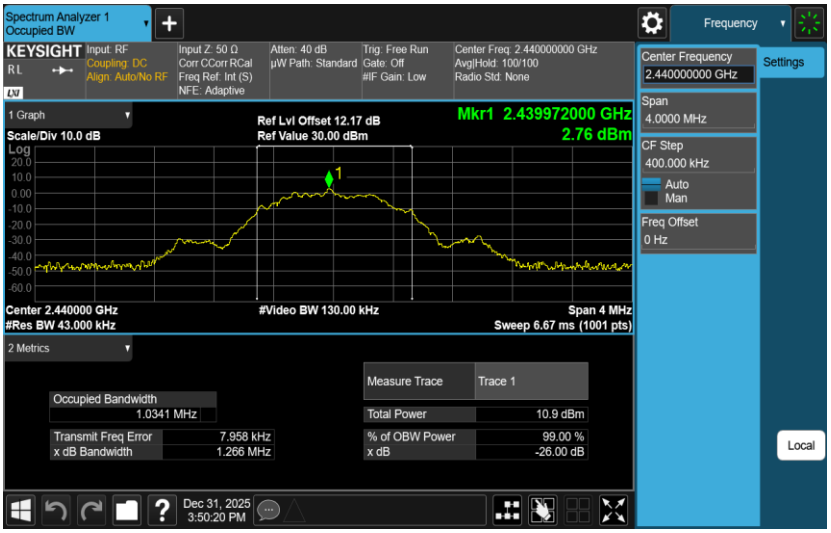
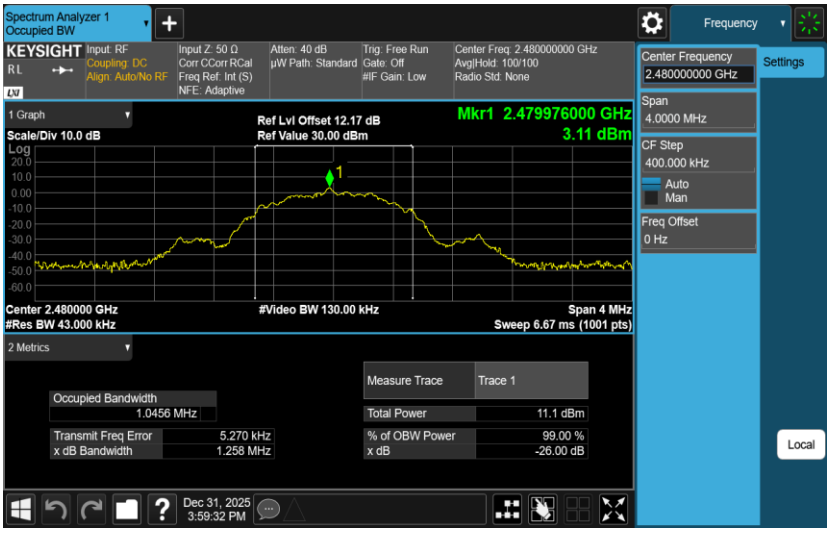
Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0355	2401.4913	2402.5268	---	---
BLE_1M	Ant1	2440	1.0341	2439.4909	2440.5250	---	---
BLE_1M	Ant1	2480	1.0456	2479.4825	2480.5281	---	---

FCC ID: **2A64B-DEX35**

IC: **28593-DEX35**

Test Graphs

BLE_1M-Ant1-2402

BLE_1M-Ant1-2440

BLE_1M-Ant1-2480


Maximum conducted output power

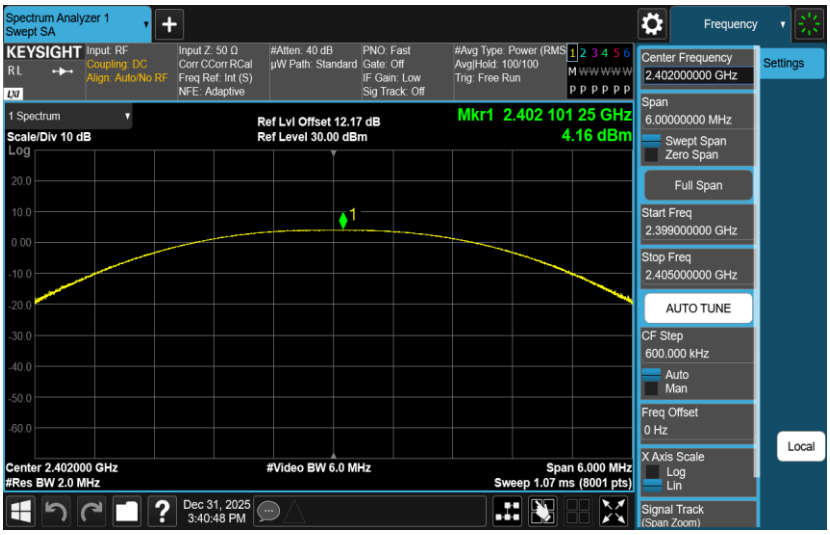
Test Result Peak

TestMode	Antenna	Frequency[MHz]	Conducted Peak Powert[dBm]	Conducted Limit[dBm]	EIRP[dBm]	EIRP Limit[dBm]	Verdict
BLE_1M	Ant1	2402	4.16	≤30	4.96	≤36	PASS
BLE_1M	Ant1	2440	4.61	≤30	5.41	≤36	PASS
BLE_1M	Ant1	2480	5.06	≤30	5.86	≤36	PASS

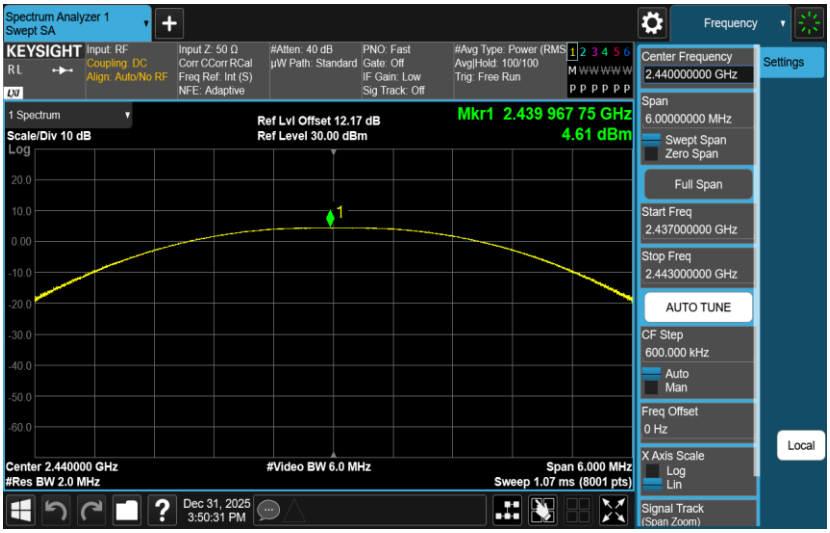
FCC ID:	**2A64B-DEX35**
IC:	**28593-DEX35**

Test Graphs Peak

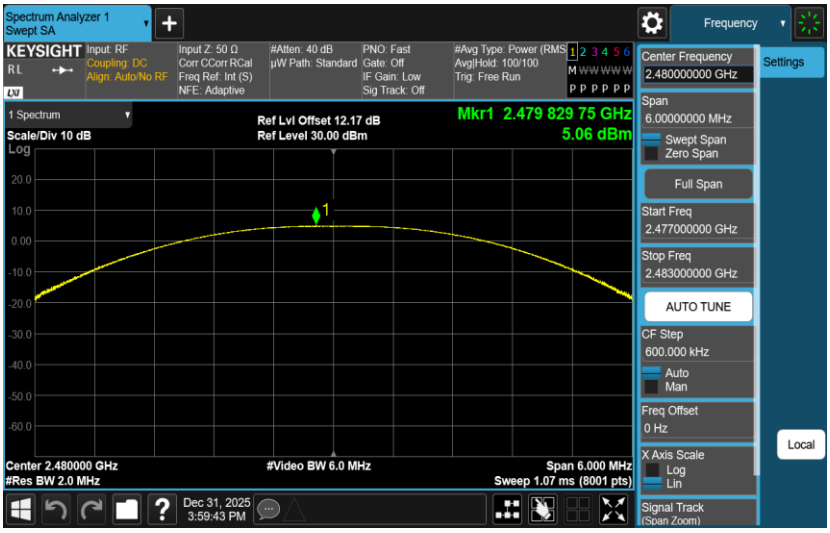
BLE_1M-Ant1-2402-PASS



BLE_1M-Ant1-2440-PASS



BLE_1M-Ant1-2480-PASS



Maximum power spectral density

Test Result

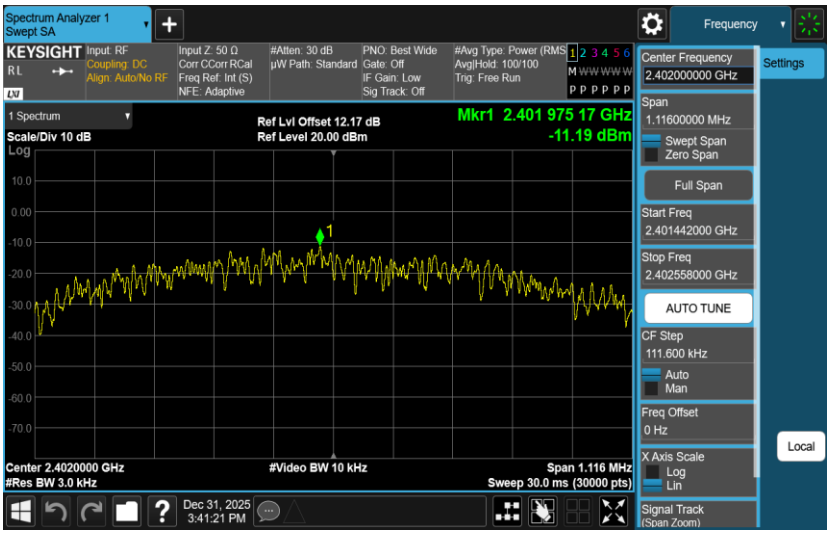
TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-11.19	≤8.00	PASS
BLE_1M	Ant1	2440	-10.68	≤8.00	PASS
BLE_1M	Ant1	2480	-10.31	≤8.00	PASS

FCC ID: **2A64B-DEX35**

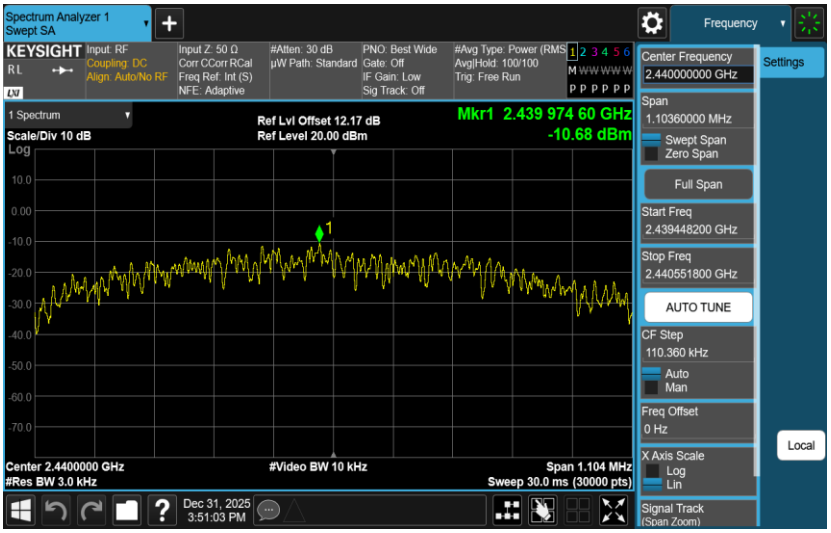
IC: **28593-DEX35**

Test Graphs

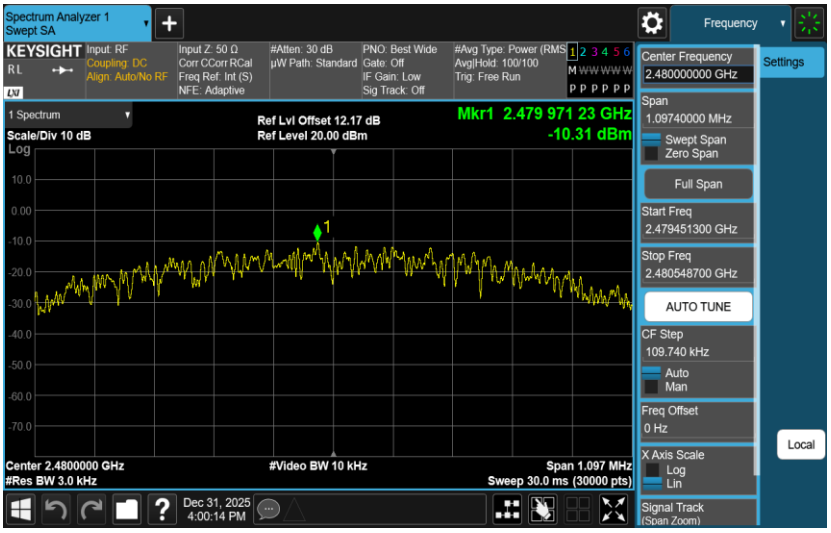
BLE_1M-Ant1-2402-PASS



BLE_1M-Ant1-2440-PASS



BLE_1M-Ant1-2480-PASS



Band edge measurements

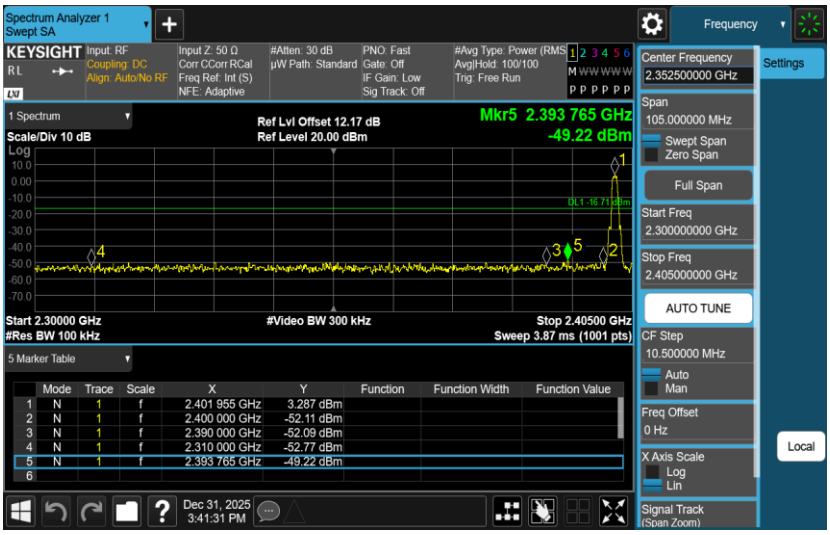
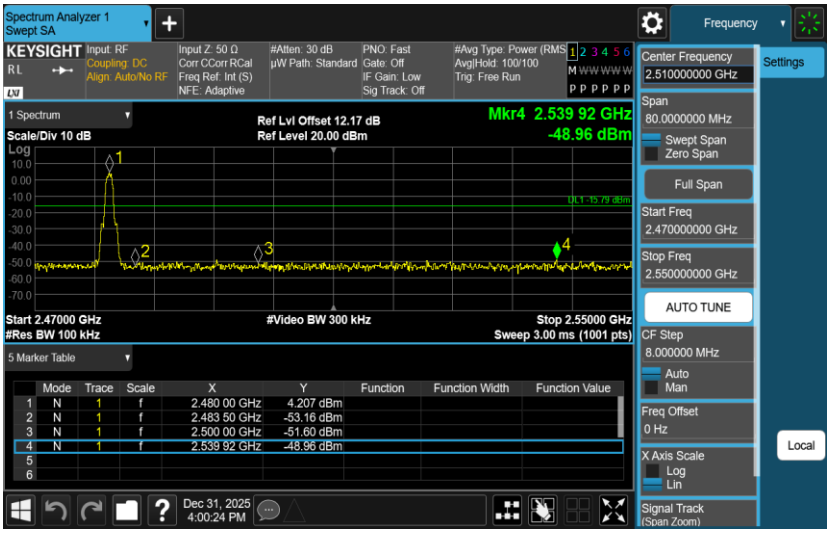
Test Result

TestMode	Antenna	ChName	Frequency [MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	3.29	-49.22	≤-16.71	PASS
BLE_1M	Ant1	High	2480	4.21	-48.96	≤-15.79	PASS

FCC ID: **2A64B-DEX35**

IC: **28593-DEX35**

Test Graphs

BLE_1M-Ant1-2402-PASS

BLE_1M-Ant1-2480-PASS


Conducted Spurious Emission

Test Result

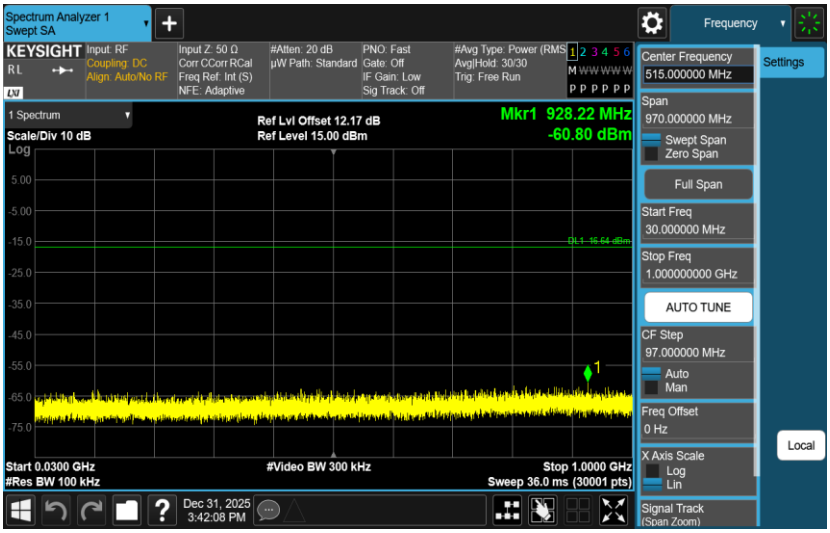
TestMode	Antenna	Frequency [MHz]	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	3.36	3.36	---	PASS
BLE_1M	Ant1	2402	30~1000	3.36	-60.8	≤-16.64	PASS
BLE_1M	Ant1	2402	1000~26500	3.36	-49.96	≤-16.64	PASS
BLE_1M	Ant1	2440	0~Reference	3.76	3.76	---	PASS
BLE_1M	Ant1	2440	30~1000	3.76	-61.58	≤-16.24	PASS
BLE_1M	Ant1	2440	1000~26500	3.76	-48.72	≤-16.24	PASS
BLE_1M	Ant1	2480	0~Reference	4.19	4.19	---	PASS
BLE_1M	Ant1	2480	30~1000	4.19	-60.9	≤-15.81	PASS
BLE_1M	Ant1	2480	1000~26500	4.19	-49.45	≤-15.81	PASS

FCC ID:	**2A64B-DEX35**
IC:	**28593-DEX35**

Test Graphs

BLE_1M-Ant1-2402-0~Reference-PASS

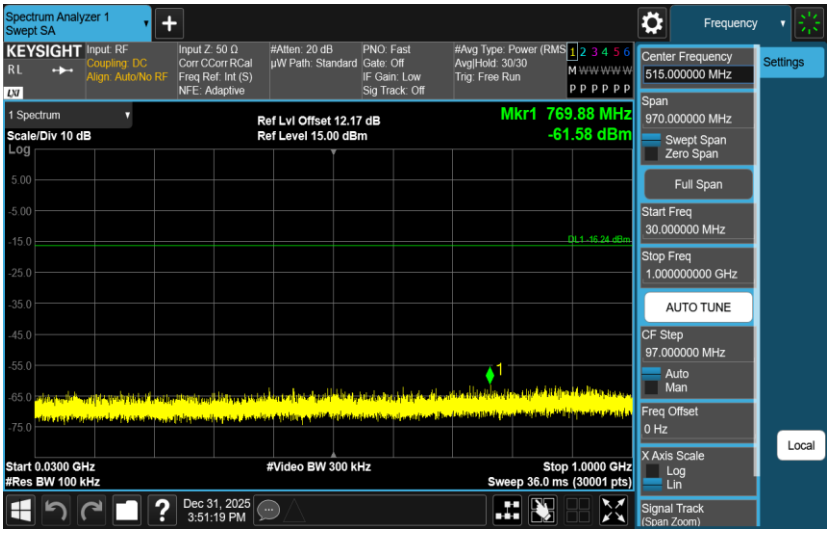
BLE_1M-Ant1-2402-30~1000-PASS



BLE_1M-Ant1-2402-1000~26500-PASS

FCC ID: **2A64B-DEX35**

IC: **28593-DEX35**

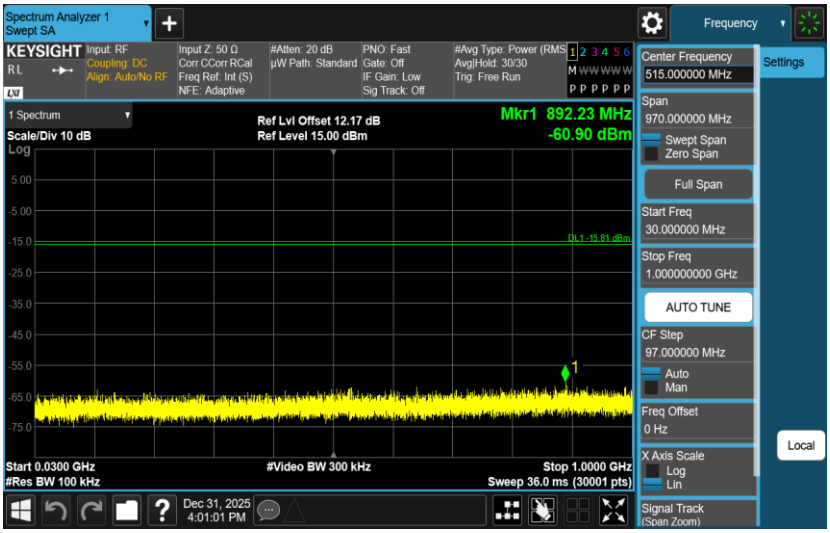
BLE_1M-Ant1-2440-0~Reference-PASS
BLE_1M-Ant1-2440-30~1000-PASS

BLE_1M-Ant1-2440-1000~26500-PASS

FCC ID: **2A64B-DEX35**

IC: **28593-DEX35**

BLE_1M-Ant1-2480-0~Reference-PASS

BLE_1M-Ant1-2480-30~1000-PASS



BLE_1M-Ant1-2480-1000~26500-PASS