

DTS Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.716	2401.640	2402.356	0.5	PASS
BLE_1M	Ant1	2440	0.716	2439.648	2440.364	0.5	PASS
BLE_1M	Ant1	2480	0.708	2479.656	2480.364	0.5	PASS

Test Graphs



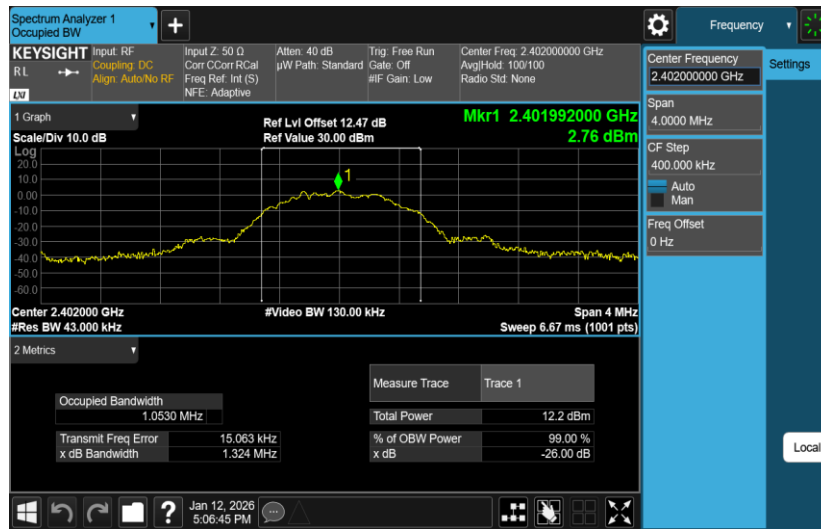
Occupied Channel Bandwidth

Test Result

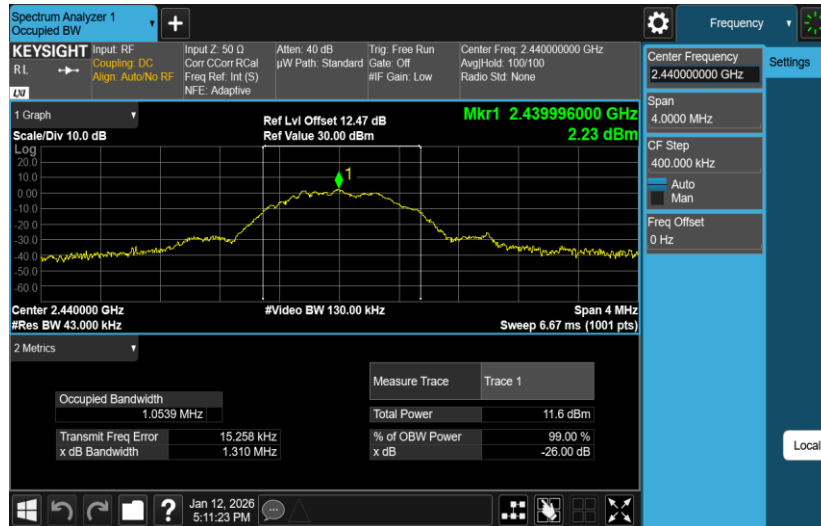
Test Mode	Antenna	Frequency [MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0530	2401.4886	2402.5416	---	---
BLE_1M	Ant1	2440	1.0539	2439.4883	2440.5422	---	---
BLE_1M	Ant1	2480	1.0600	2479.4854	2480.5454	---	---

Test Graphs

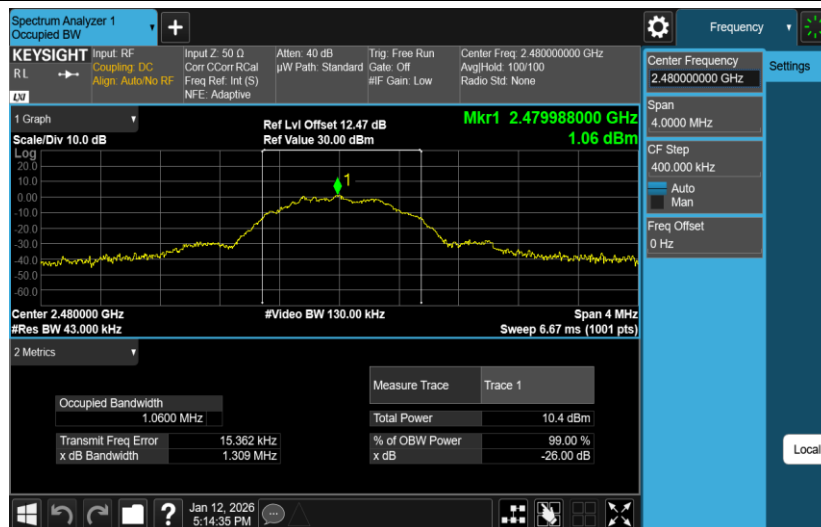
BLE_1M-Ant1-2402



BLE_1M-Ant1-2440



BLE_1M-Ant1-2480

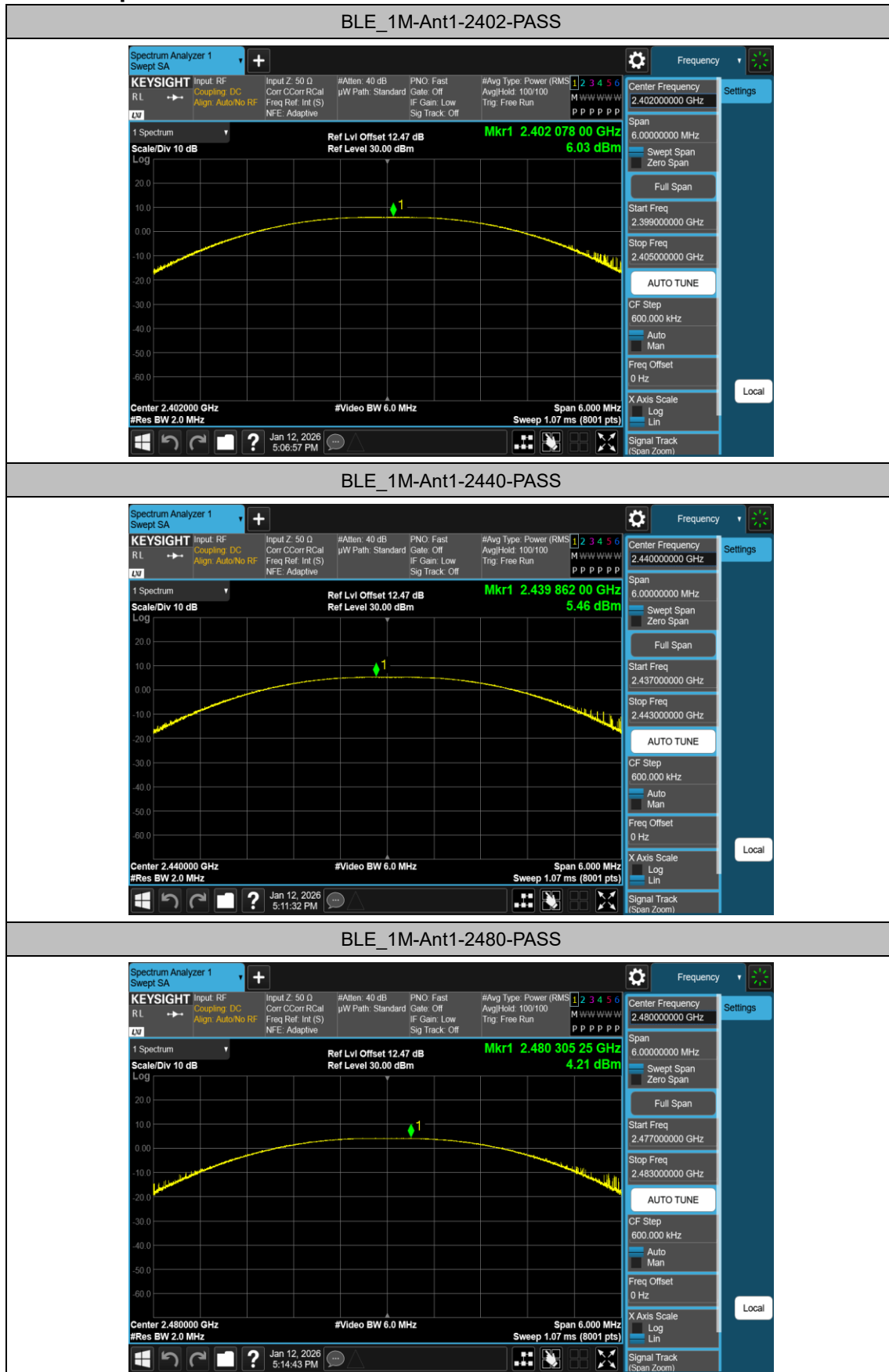


Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	EIRP[dBm]	EIRP Limit[dBm]	Verdict
BLE_1M	Ant1	2402	6.03	≤30	9.03	≤36	PASS
BLE_1M	Ant1	2440	5.46	≤30	8.46	≤36	PASS
BLE_1M	Ant1	2480	4.21	≤30	7.21	≤36	PASS

Test Graphs Peak

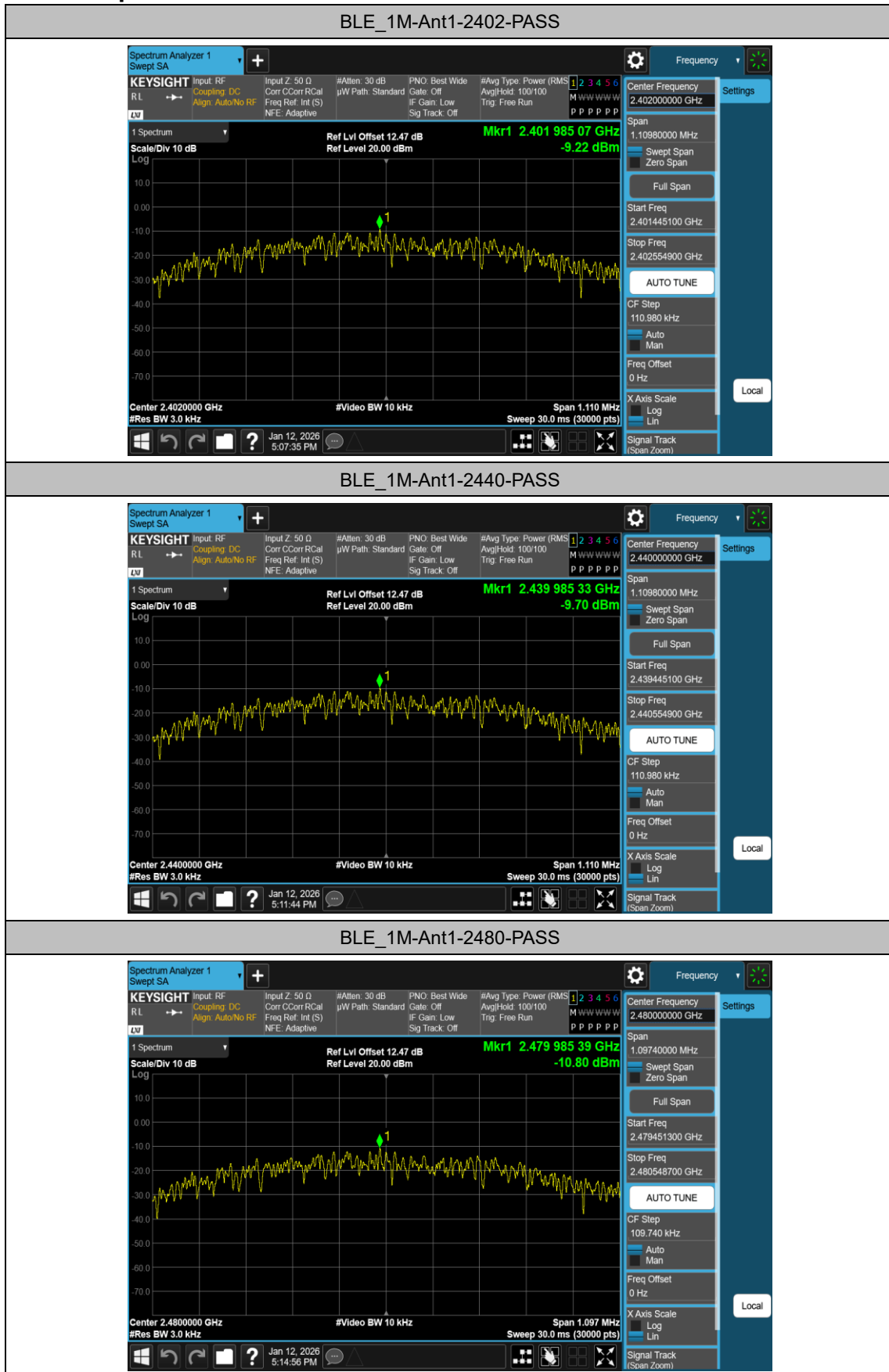


Maximum power spectral density

Test Result

Test Mode	Antenna	Frequency [MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-9.22	≤8.00	PASS
BLE_1M	Ant1	2440	-9.70	≤8.00	PASS
BLE_1M	Ant1	2480	-10.81	≤8.00	PASS

Test Graphs



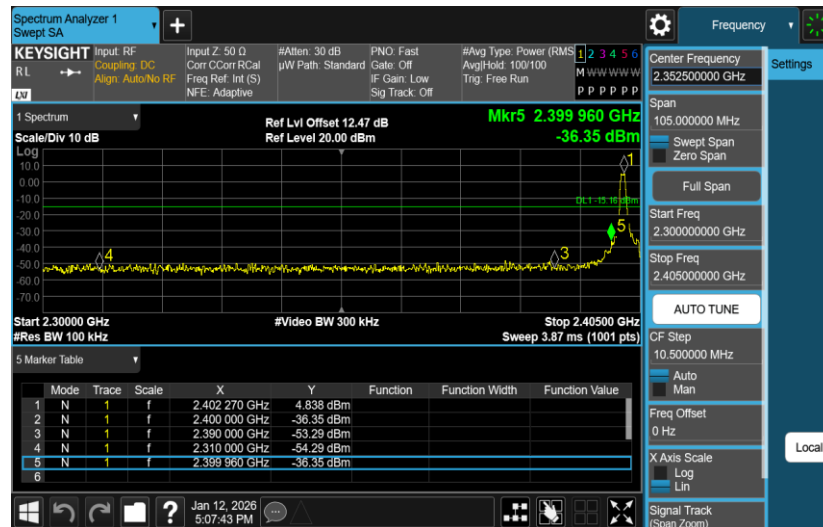
Band edge measurements

Test Result

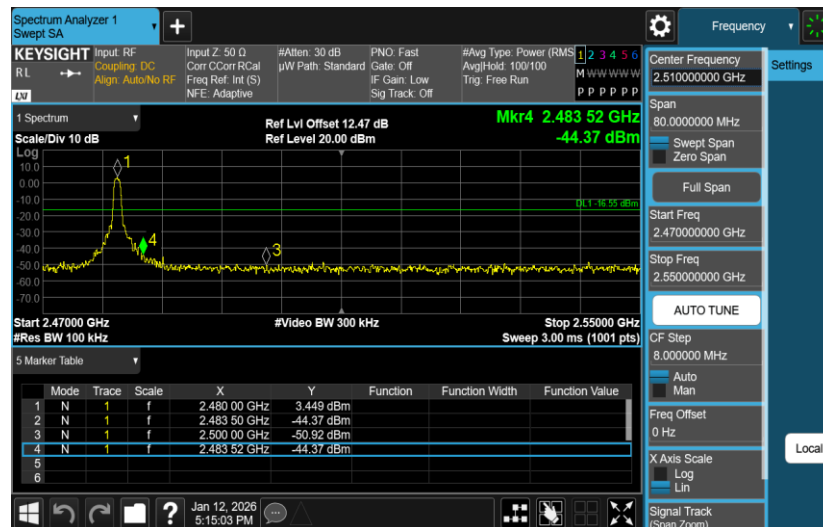
Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	4.84	-36.35	≤-15.16	PASS
BLE_1M	Ant1	High	2480	3.45	-44.37	≤-16.55	PASS

Test Graphs

BLE_1M-Ant1-2402-PASS



BLE_1M-Ant1-2480-PASS



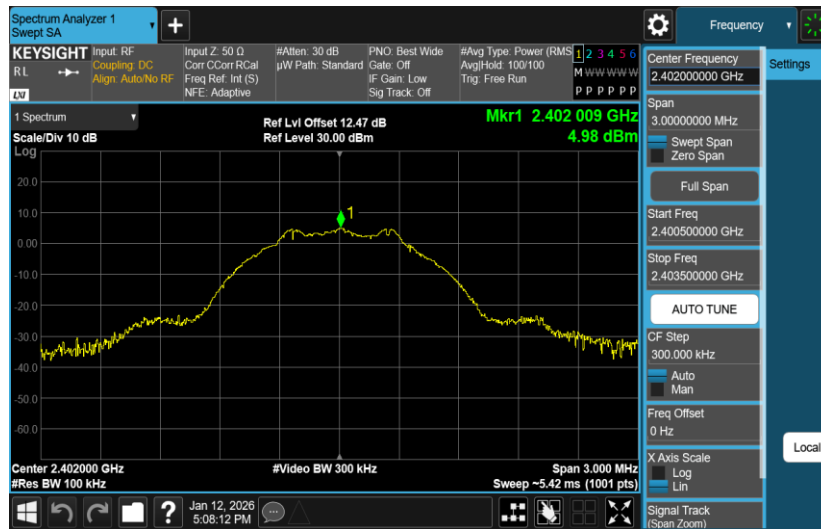
Conducted Spurious Emission

Test Result

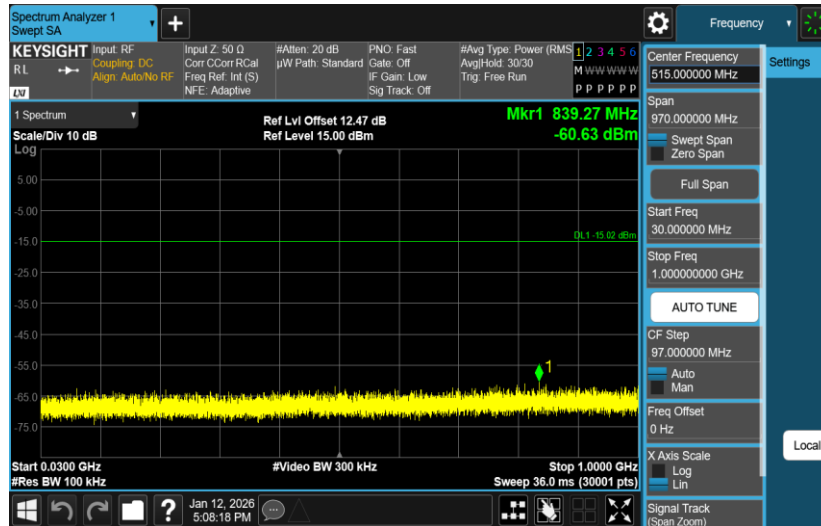
Test Mode	Antenna	Frequency [MHz]	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	4.98	4.98	---	PASS
BLE_1M	Ant1	2402	30~1000	4.98	-60.63	≤-15.02	PASS
BLE_1M	Ant1	2402	1000~26500	4.98	-48.66	≤-15.02	PASS
BLE_1M	Ant1	2440	0~Reference	4.58	4.58	---	PASS
BLE_1M	Ant1	2440	30~1000	4.58	-60.61	≤-15.42	PASS
BLE_1M	Ant1	2440	1000~26500	4.58	-49.1	≤-15.42	PASS
BLE_1M	Ant1	2480	0~Reference	3.53	3.53	---	PASS
BLE_1M	Ant1	2480	30~1000	3.53	-60.27	≤-16.47	PASS
BLE_1M	Ant1	2480	1000~26500	3.53	-48.53	≤-16.47	PASS

Test Graphs

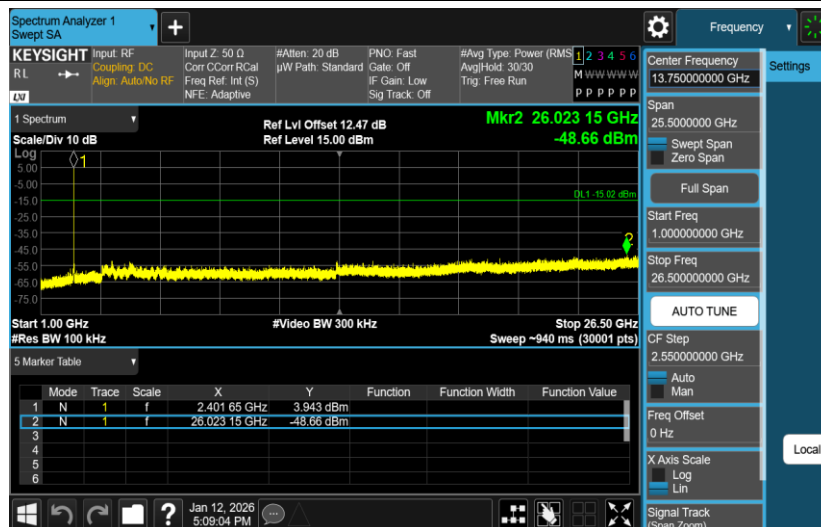
BLE_1M-Ant1-2402-0~Reference-PASS



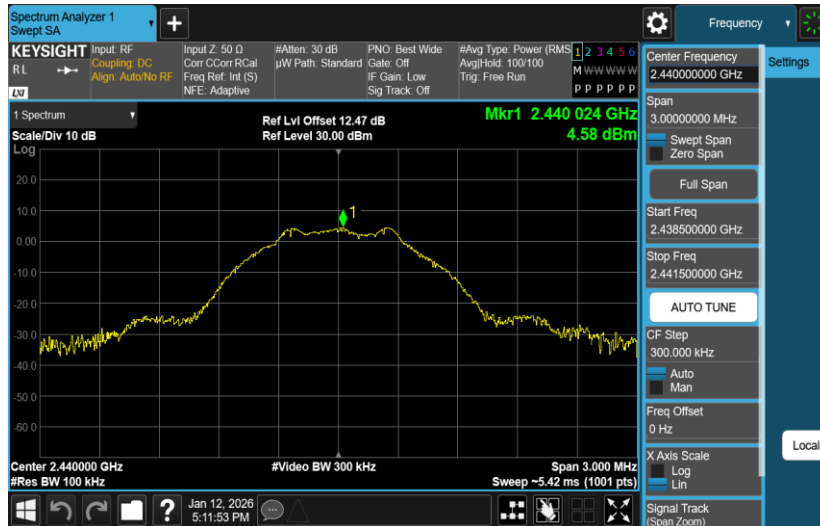
BLE_1M-Ant1-2402-30~1000-PASS



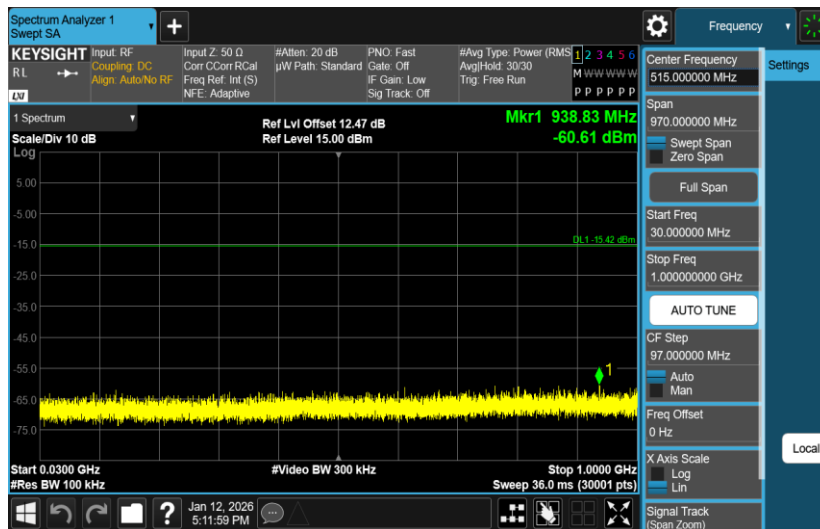
BLE_1M-Ant1-2402-1000~26500-PASS



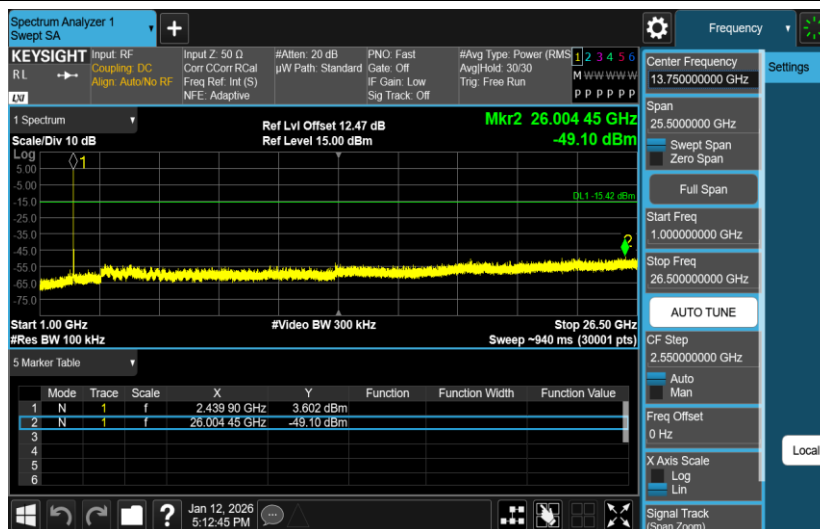
BLE_1M-Ant1-2440-0~Reference-PASS



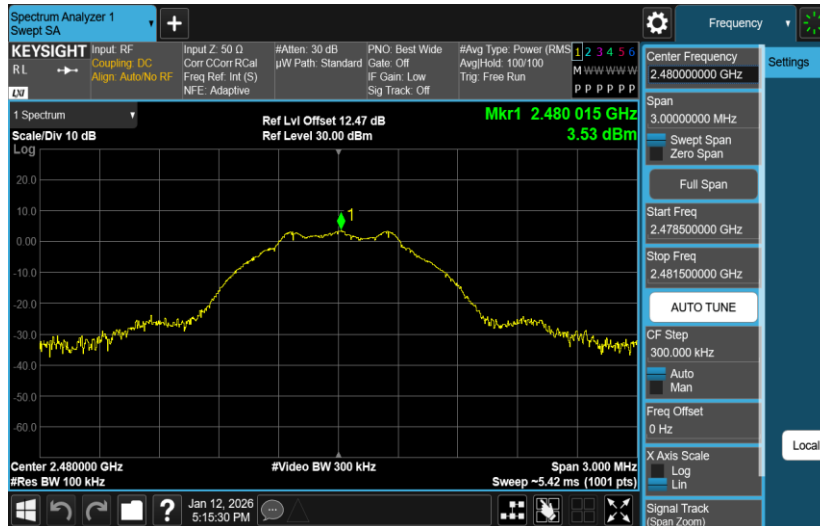
BLE_1M-Ant1-2440-30~1000-PASS



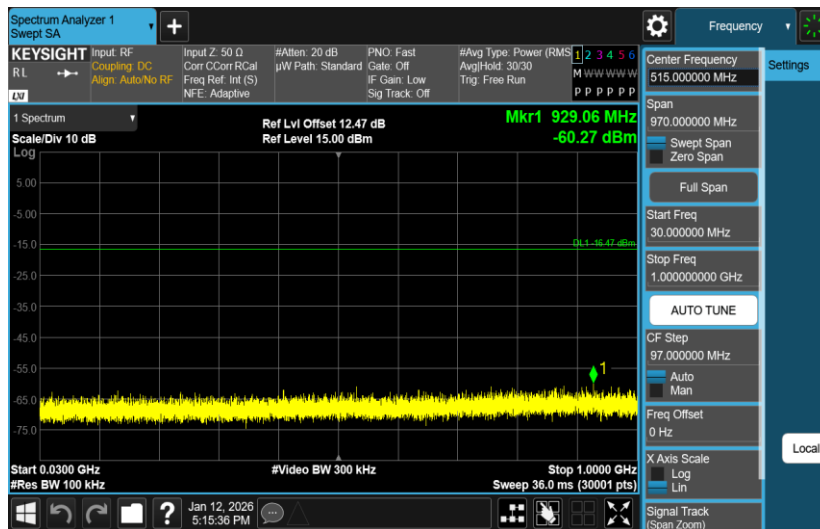
BLE_1M-Ant1-2440-1000~26500-PASS



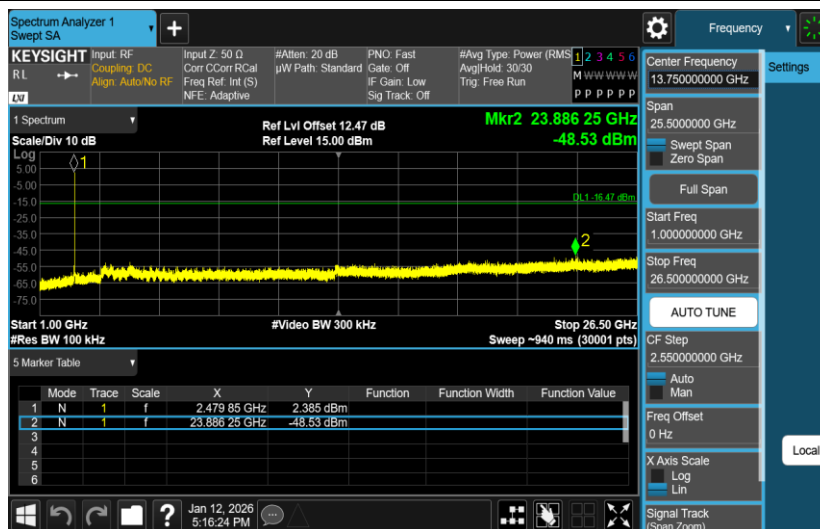
BLE_1M-Ant1-2480-0~Reference-PASS



BLE_1M-Ant1-2480-30~1000-PASS



BLE_1M-Ant1-2480-1000~26500-PASS



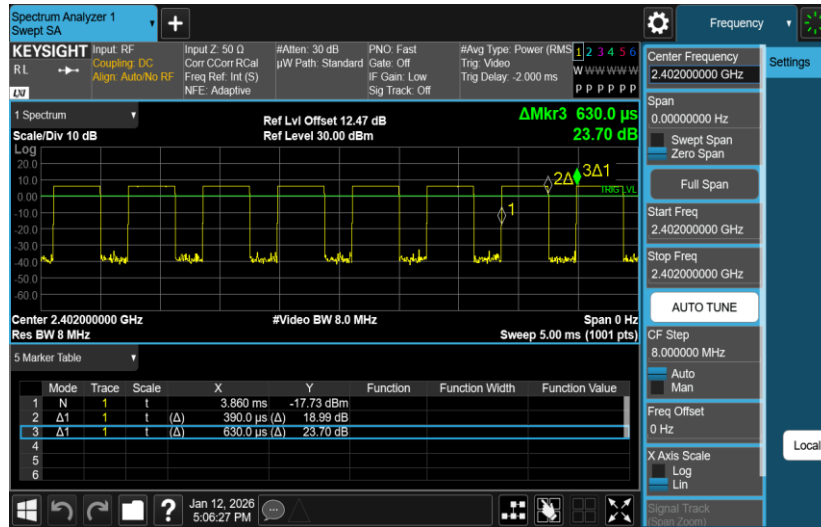
Duty Cycle

Test Result

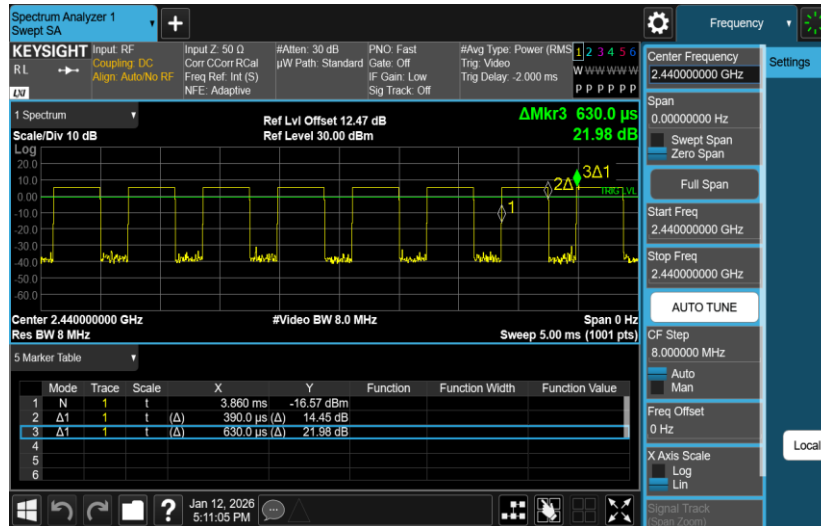
Test Mode	Antenna	Frequency [MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
BLE_1M	Ant1	2402	0.39	0.63	61.90	2.08
BLE_1M	Ant1	2440	0.39	0.63	61.90	2.08
BLE_1M	Ant1	2480	0.39	0.62	62.90	2.01

Test Graphs

NTNV-BLE_1M-Ant1-2402



NTNV-BLE_1M-Ant1-2440



NTNV-BLE_1M-Ant1-2480

