

FCC Appendix RF Test Data

FCC ID : 2AVRVDRPTV750SM

Company : DP AUDIO VIDEO LLC

EUT : Smart TV

Model Number : DRPTV750SM

Report No. : CTA25081402401

Reviewed By : Eric Wang

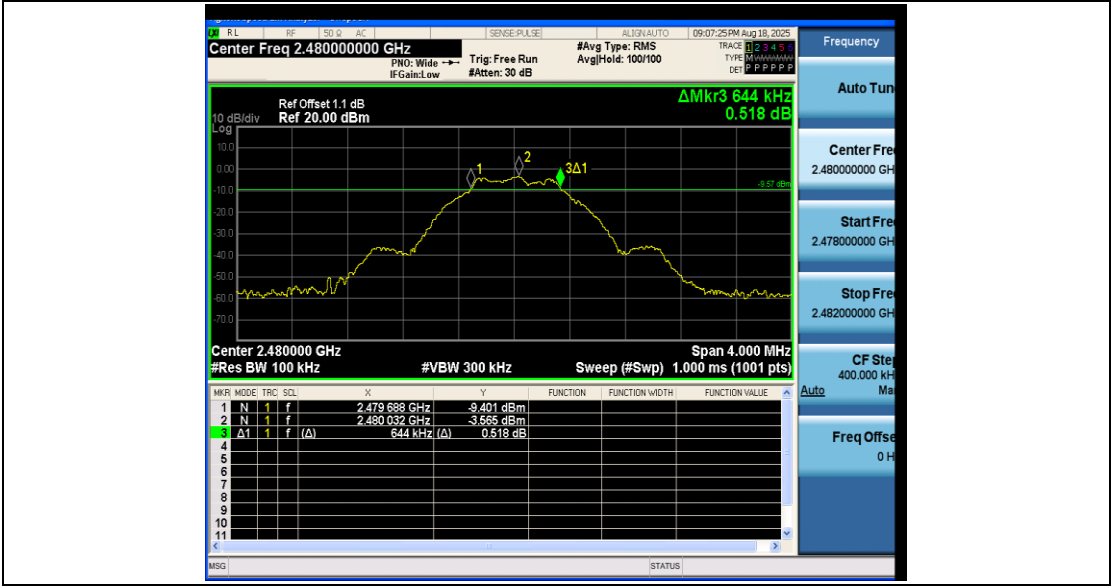
Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.636	2401.696	2402.332	0.5	PASS
		2440	0.648	2439.688	2440.336	0.5	PASS
		2480	0.644	2479.688	2480.332	0.5	PASS

Test Graphs



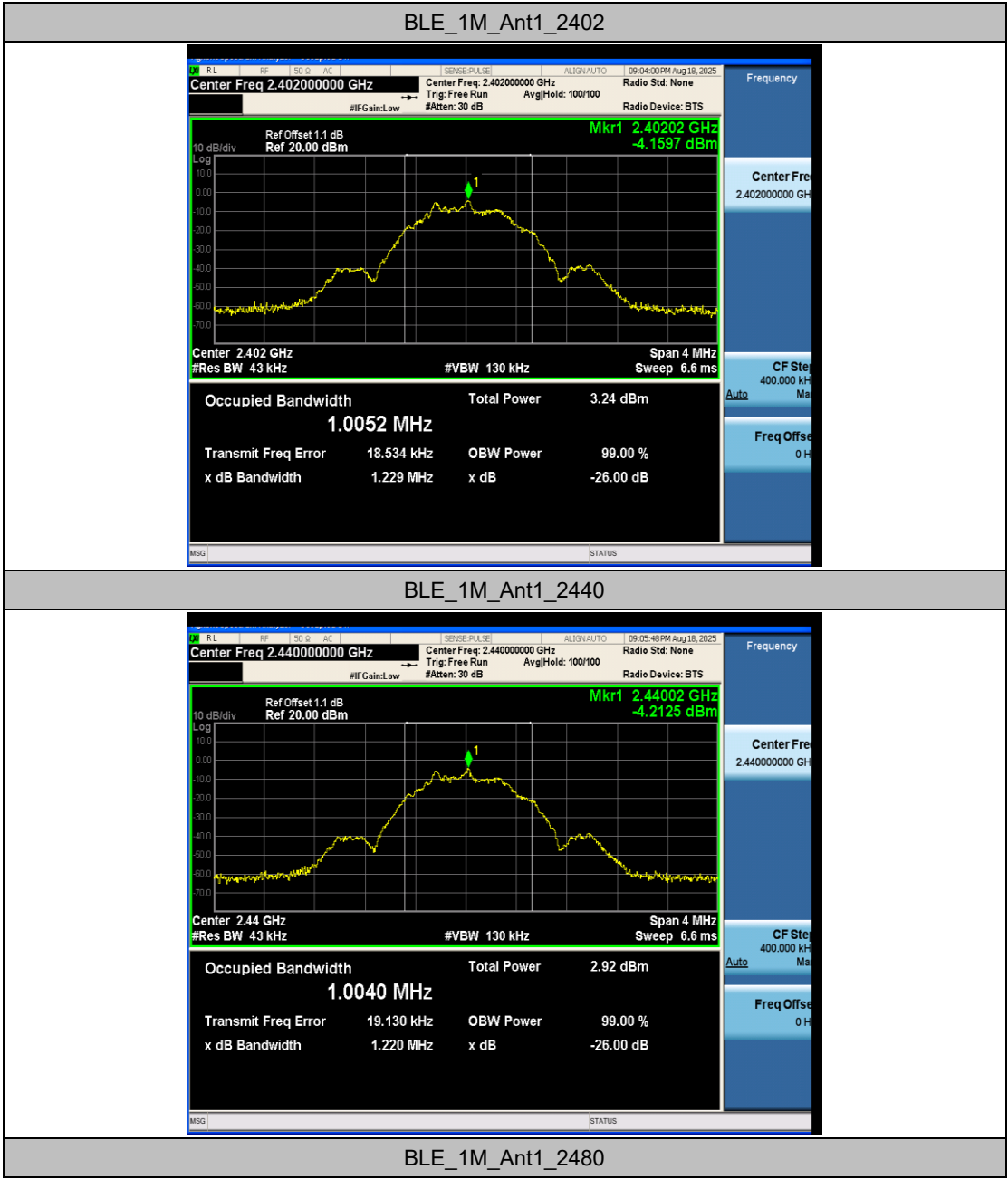


Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0052	2401.5159	2402.5211	---	---
		2440	1.0040	2439.5171	2440.5211	---	---
		2480	1.0065	2479.5154	2480.5219	---	---

Test Graphs





Appendix C: Maximum conducted output power

Test Result Peak

TestMode	Antenna	Freq(MHz)	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	-2.90	≤30	PASS
		2440	-3.16	≤30	PASS
		2480	-3.09	≤30	PASS

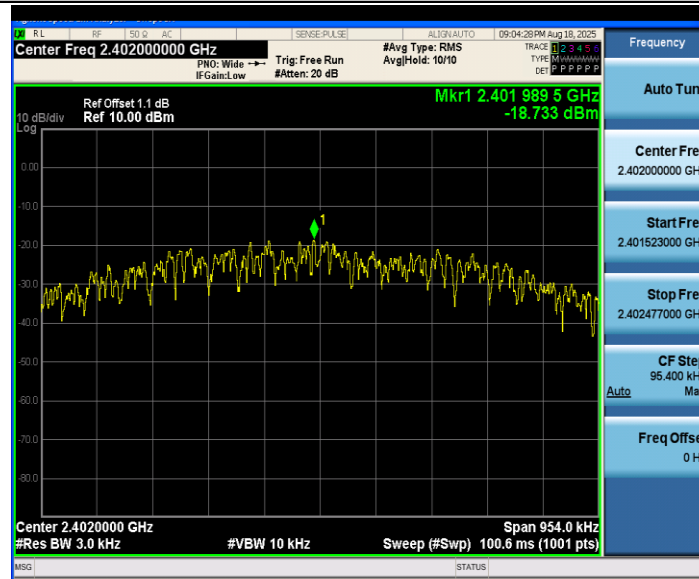
Appendix D: Maximum power spectral density

Test Result

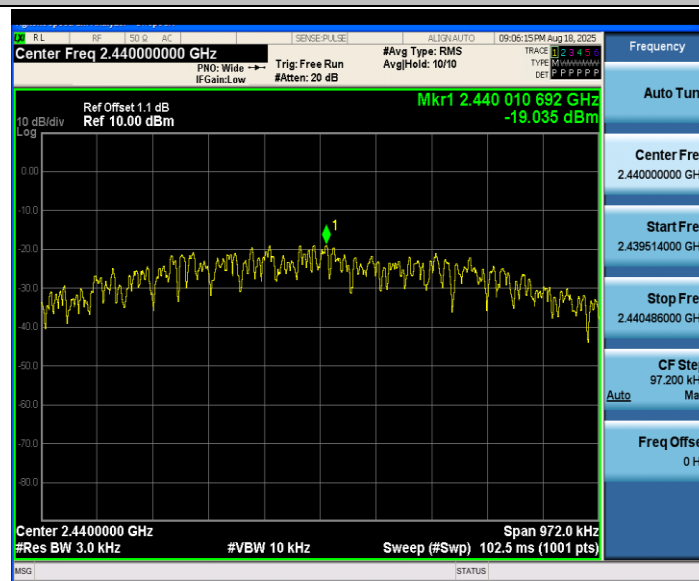
TestMode	Antenna	Freq(MHz)	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-18.73	≤8.00	PASS
		2440	-19.04	≤8.00	PASS
		2480	-19.09	≤8.00	PASS

Test Graphs

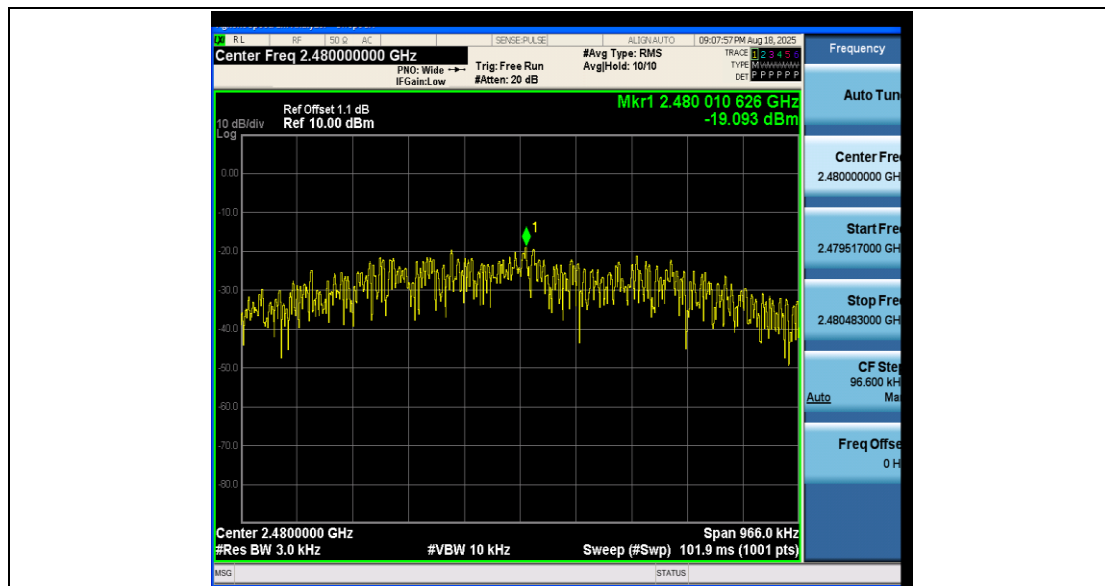
BLE_1M_Ant1_2402



BLE_1M_Ant1_2440



BLE_1M_Ant1_2480



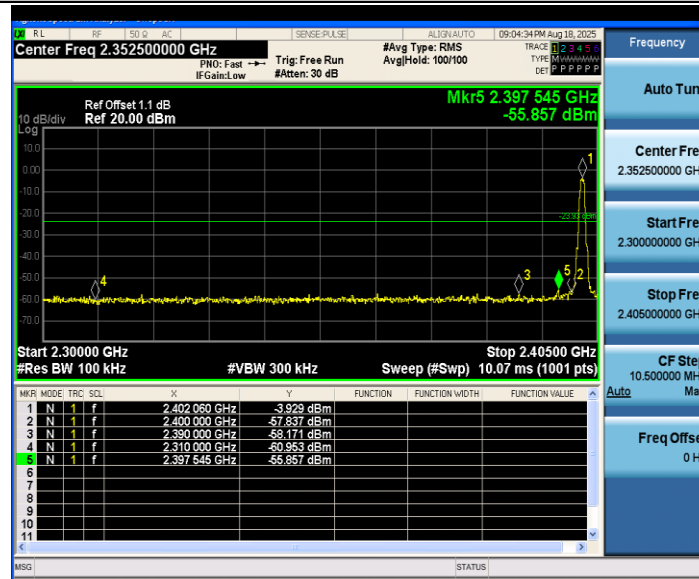
Appendix E: Band edge measurements

Test Result

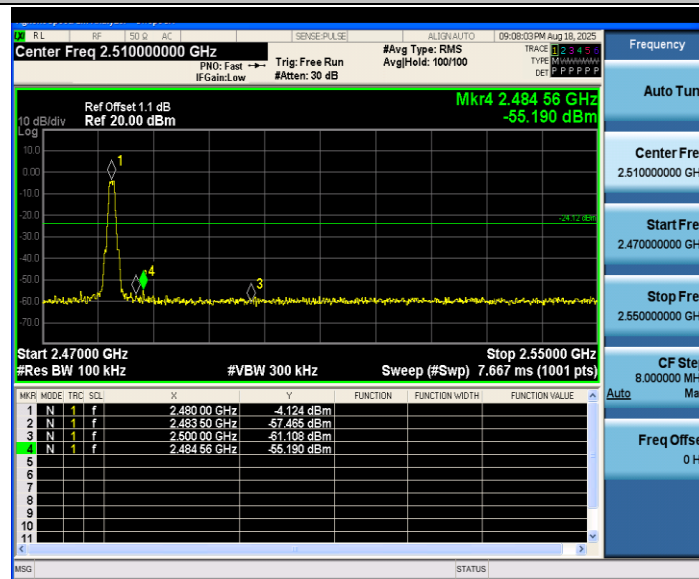
TestMod e	Antenn a	ChNam e	Freq(MHz)	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdic t
BLE_1M	Ant1	Low	2402	-3.93	-55.86	≤-23.93	PASS
		High	2480	-4.12	-55.19	≤-24.12	PASS

Test Graphs

BLE_1M_Ant1_Low_2402



BLE_1M_Ant1_High_2480



Appendix F: Conducted Spurious Emission

Test Result

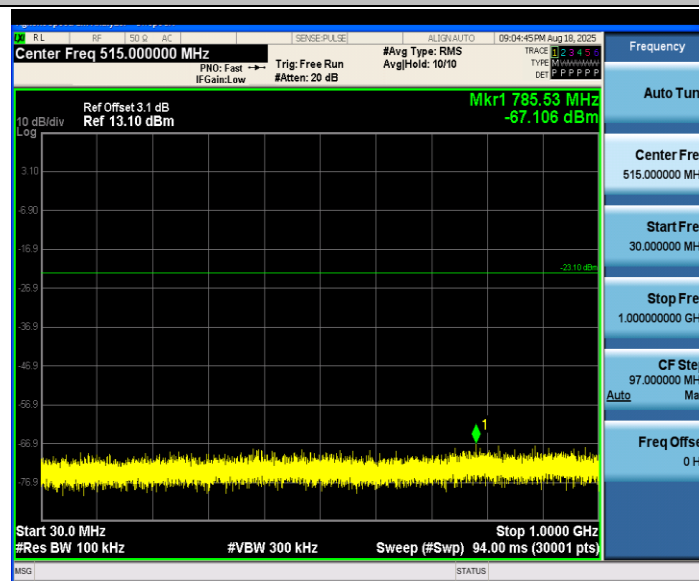
TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	Reference	-3.10	-3.10	---	PASS
			30~1000	-3.10	-67.11	≤-23.1	PASS
			1000~26500	-3.10	-46.25	≤-23.1	PASS
		2440	Reference	-4.04	-4.04	---	PASS
			30~1000	-4.04	-67.54	≤-24.04	PASS
			1000~26500	-4.04	-46.76	≤-24.04	PASS
		2480	Reference	-4.97	-4.97	---	PASS
			30~1000	-4.97	-67.5	≤-24.97	PASS
			1000~26500	-4.97	-49.25	≤-24.97	PASS

Test Graphs

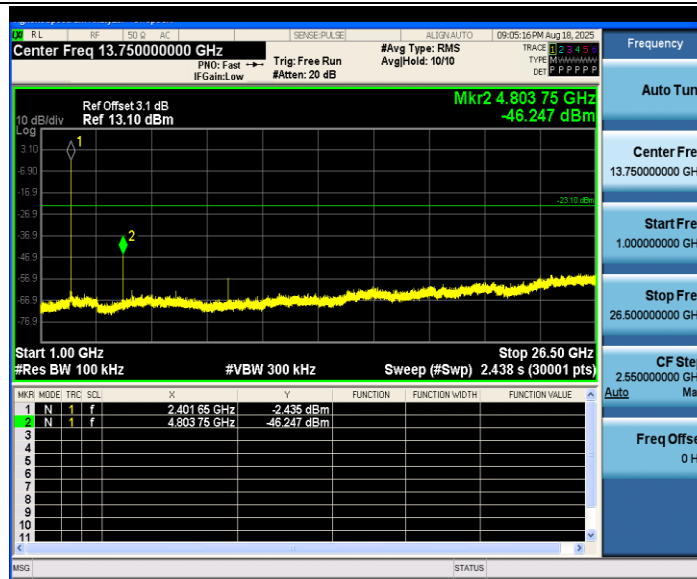
BLE_1M_Ant1_2402_0~Reference



BLE_1M_Ant1_2402_30~1000



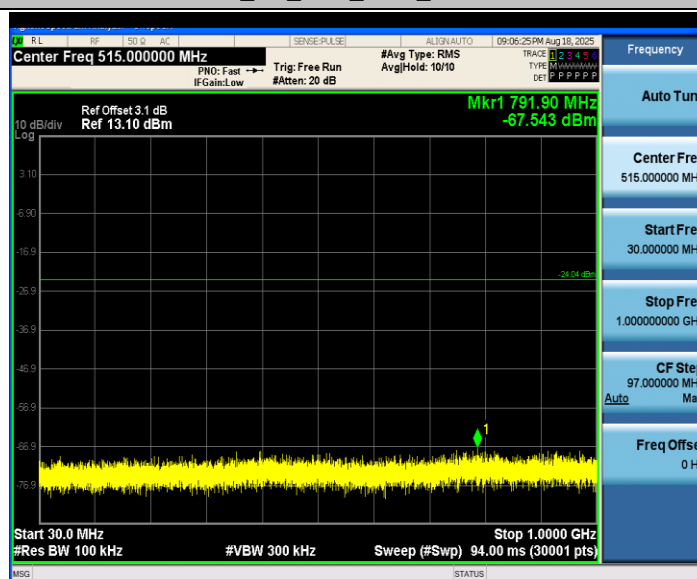
BLE_1M_Ant1_2402_1000~26500



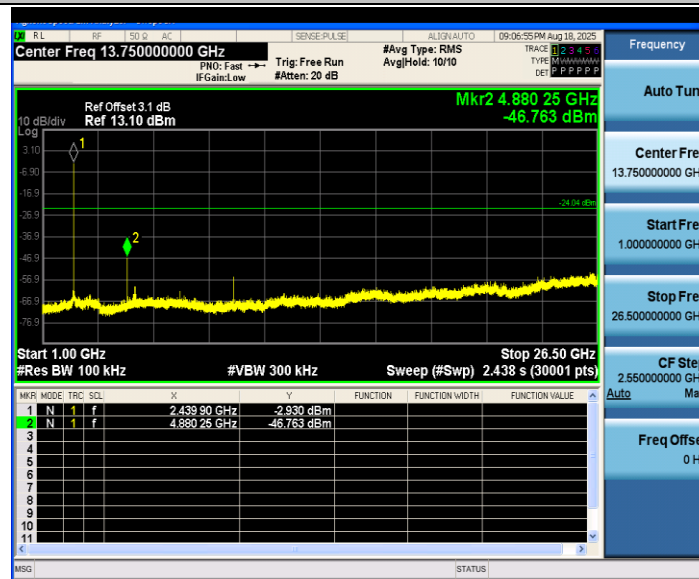
BLE_1M_Ant1_2440_0~Reference



BLE_1M_Ant1_2440_30~1000



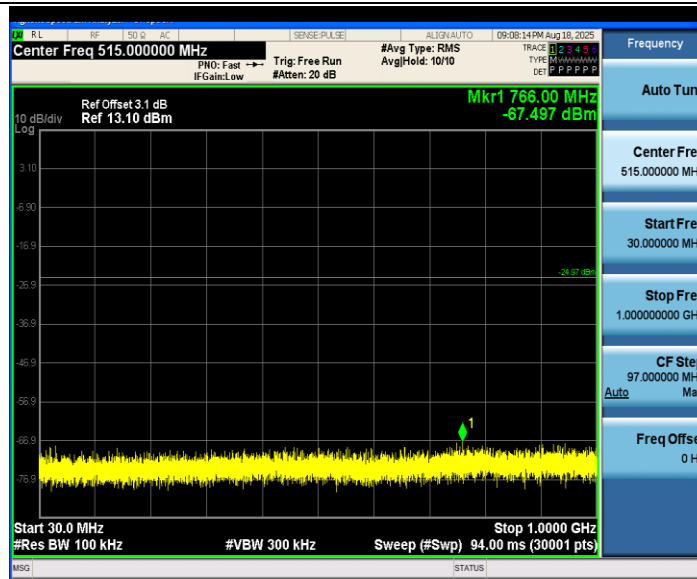
BLE_1M_Ant1_2440_1000~26500



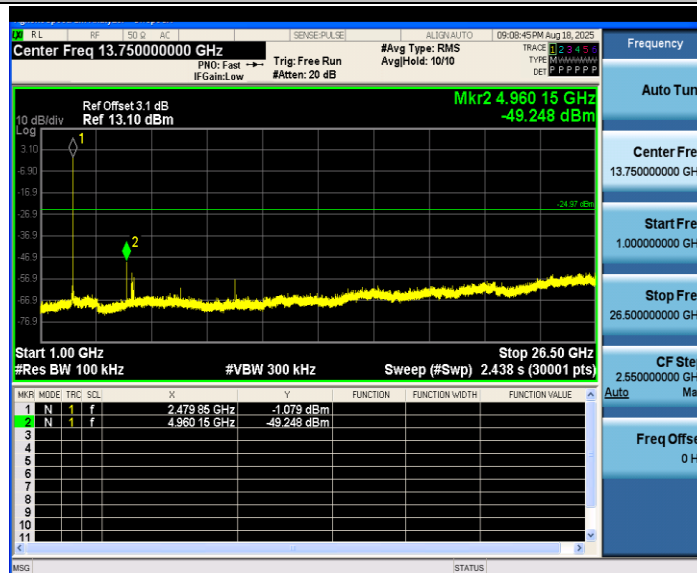
BLE_1M_Ant1_2480_0~Reference



BLE_1M_Ant1_2480_30~1000



BLE_1M_Ant1_2480_1000~26500



Appendix G: Duty Cycle

Test Result

TestMode	Antenna	Freq(MHz)	ON Time [ms]	Period [ms]	X	DC [%]	xFactor	Limit	Verdict
BLE_1M	Ant1	2402	0.41	0.63	0.6508	65.08	1.87	---	---
		2440	0.42	0.63	0.6667	66.67	1.76	---	---
		2480	0.41	0.63	0.6508	65.08	1.87	---	---

Test Graphs

