Appendix Test Data for SRD (Conducted Measurement)

Product Name: Wireless Keyboard

Trade Mark: SENTRY

Test Model: KX700

FCC ID: 2AT3W-SYKX700K

Environmental Conditions

Temperature:	23.7℃
Relative Humidity:	56%
ATM Pressure:	100.0 kPa
Test Engineer:	Anna Hu
Supervised by:	Hugo Chen
NOTE	N/A

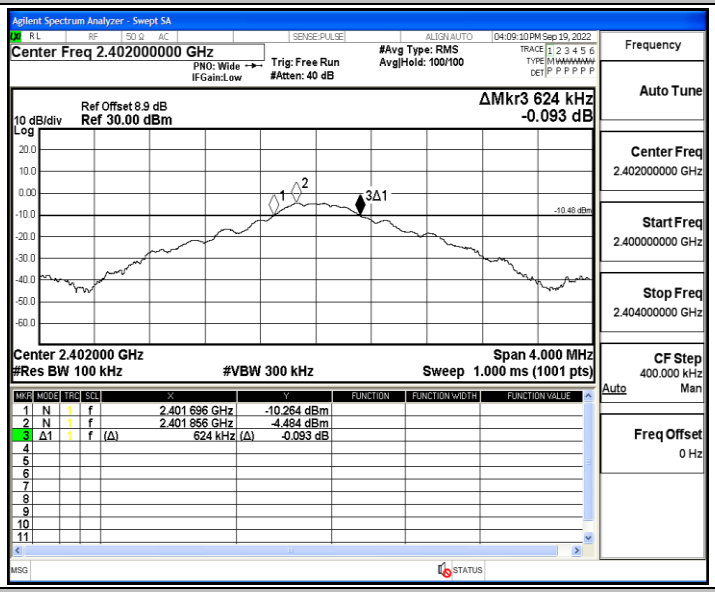
Appendix A: DTS Bandwidth

Test Result

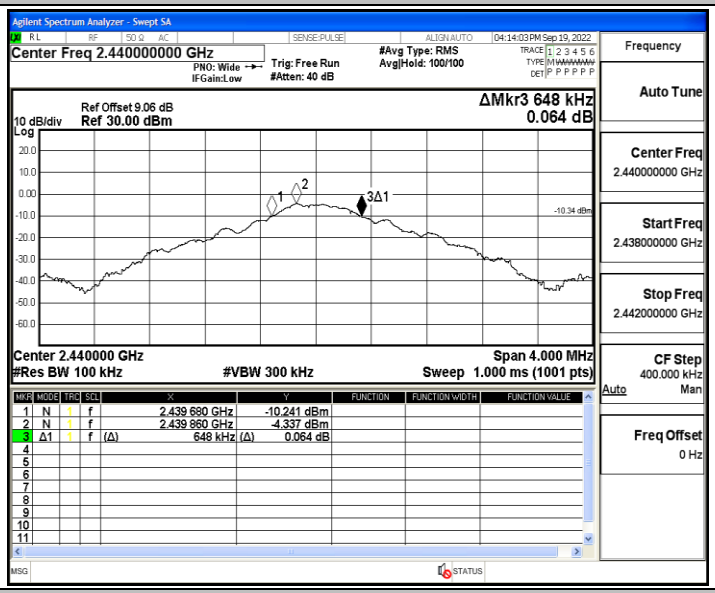
TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
SRD	Ant1	2402	0.624	2401.696	2402.320	0.5	PASS
		2440	0.648	2439.680	2440.328	0.5	PASS
		2480	0.680	2479.676	2480.356	0.5	PASS

Test Graphs

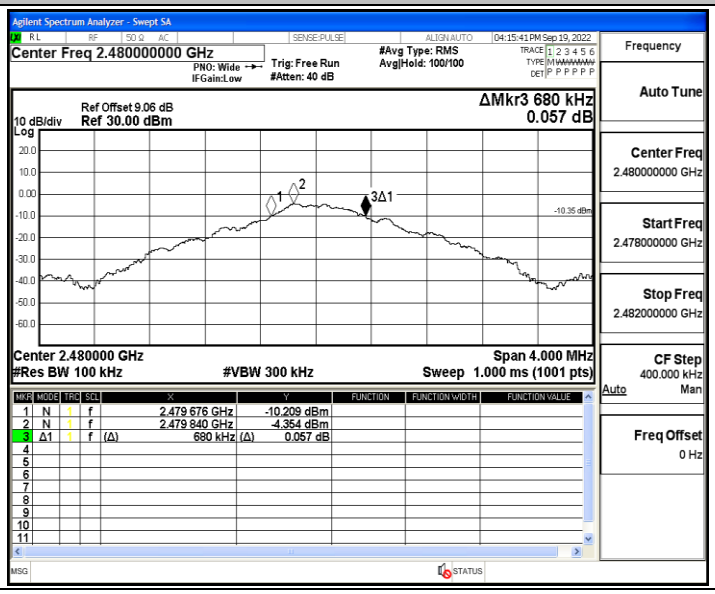
SRD_Ant1_2402



SRD_Ant1_2440



SRD_Ant1_2480



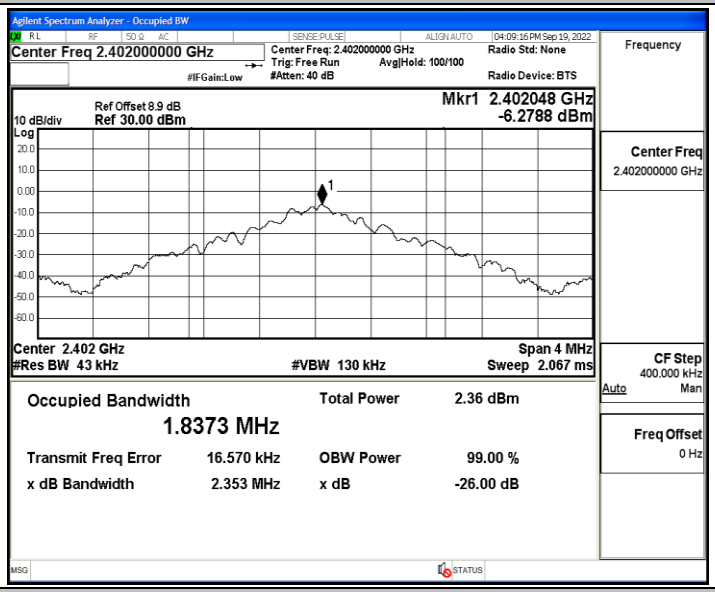
Appendix B: Occupied Channel Bandwidth

Test Result

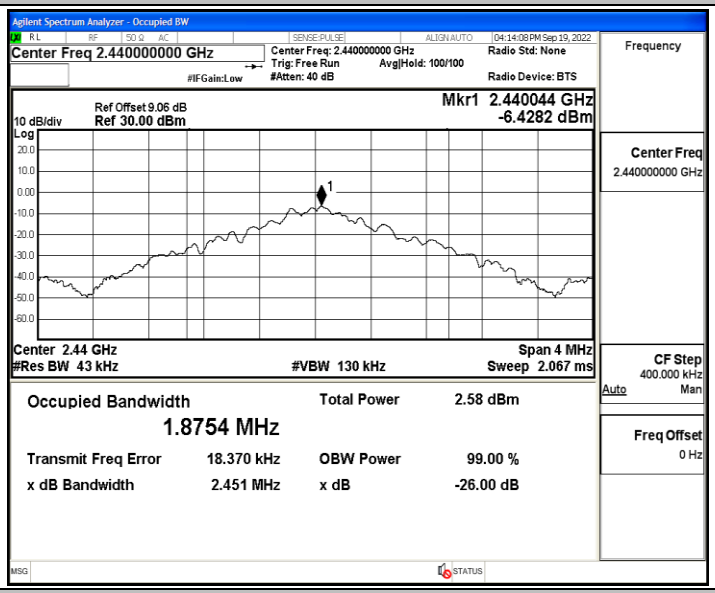
TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
SRD	Ant1	2402	1.8373	2401.0979	2402.9352	---	---
		2440	1.8754	2439.0807	2440.9561	---	---
		2480	1.8740	2479.0859	2480.9599	---	---

Test Graphs

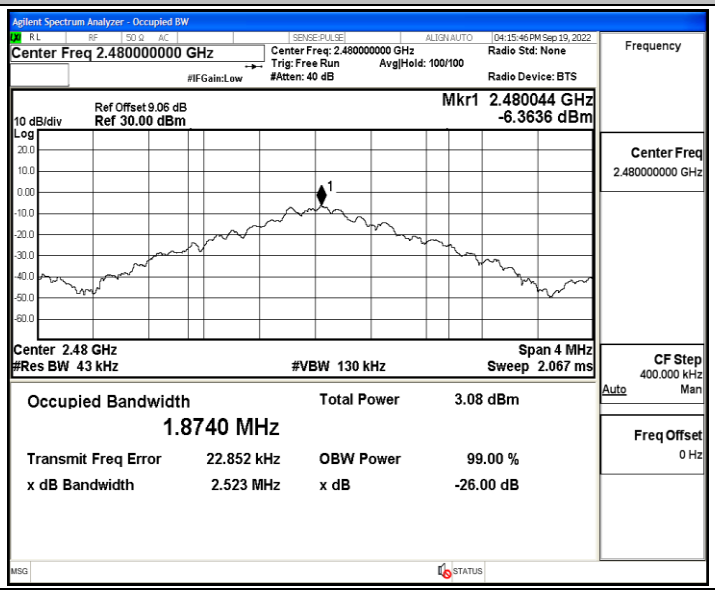
SRD_Ant1_2402



SRD_Ant1_2440



SRD_Ant1_2480



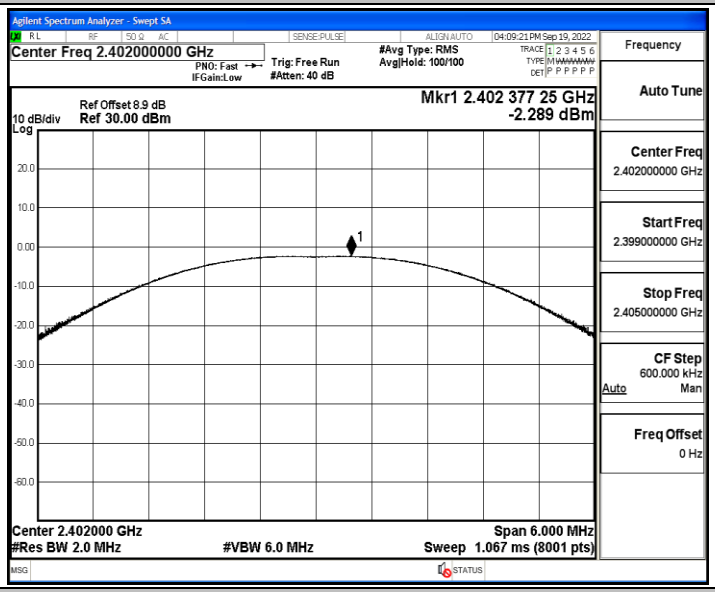
Appendix C: Maximum Peak conducted output power

Test Result

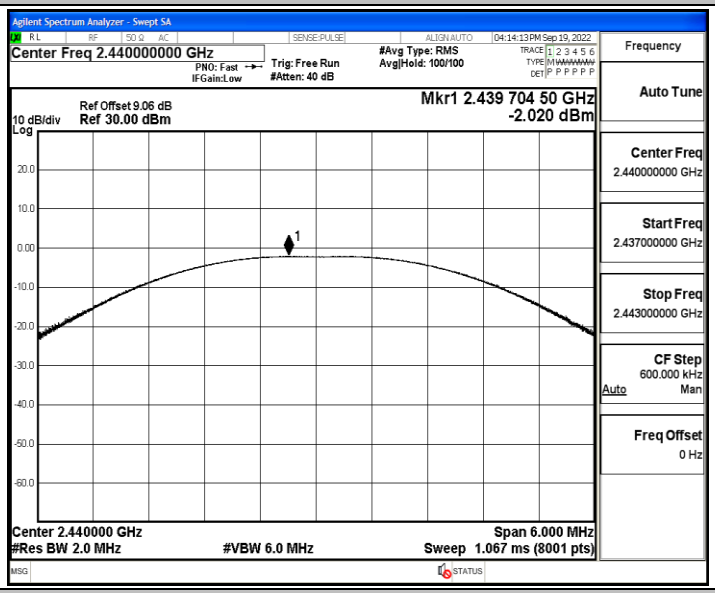
TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
SRD	Ant1	2402	-2.29	≤30	PASS
		2440	-2.02	≤30	PASS
		2480	-2.26	≤30	PASS

Test Graphs

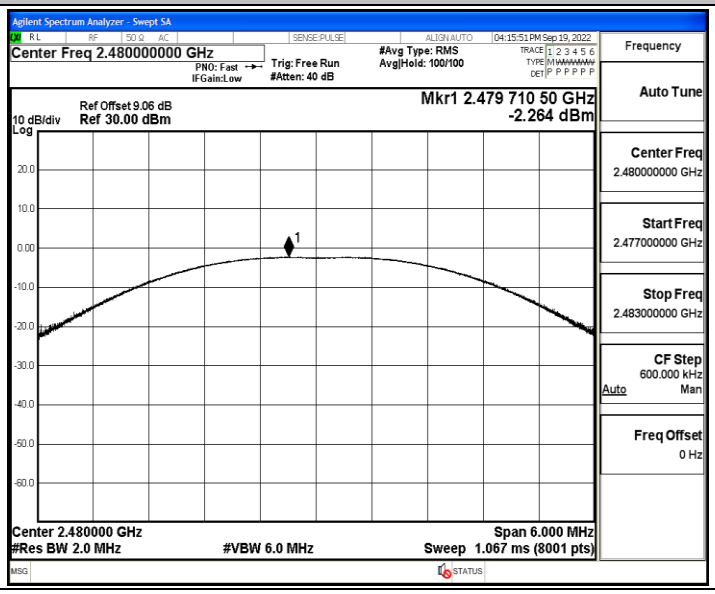
SRD_Ant1_2402



SRD_Ant1_2440



SRD_Ant1_2480



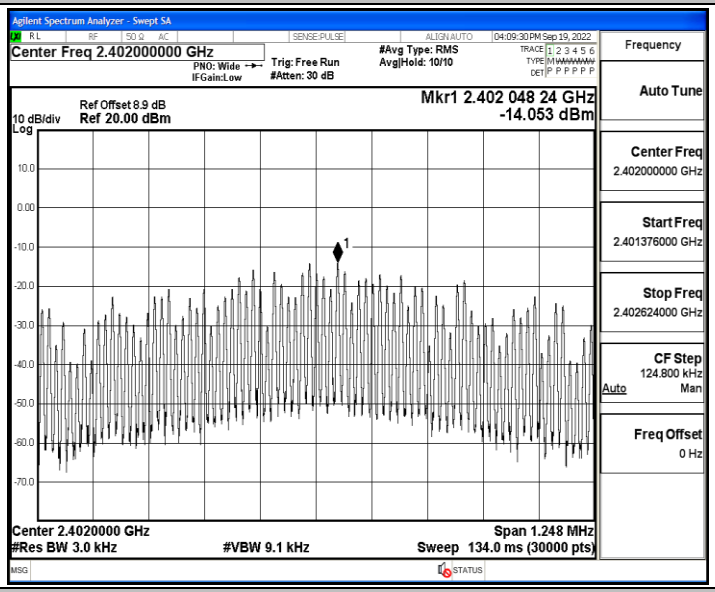
Appendix D: Maximum power spectral density

Test Result

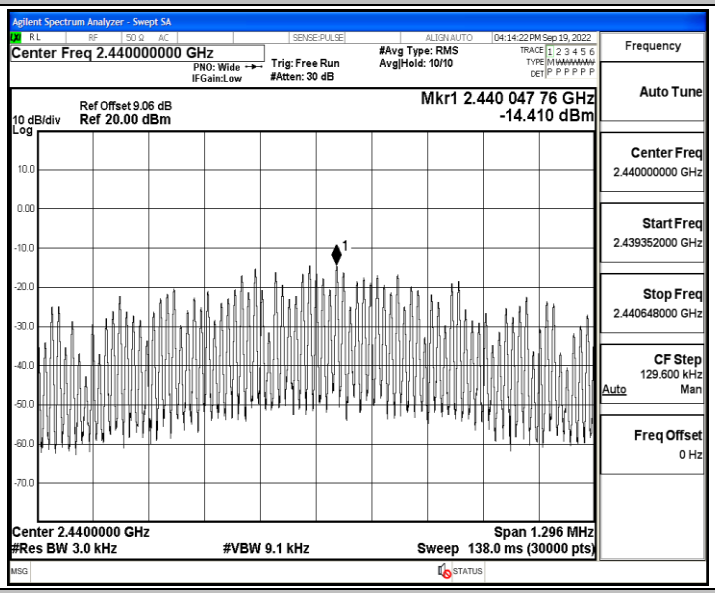
TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
SRD	Ant1	2402	-14.05	≤8.00	PASS
		2440	-14.41	≤8.00	PASS
		2480	-14.88	≤8.00	PASS

Test Graphs

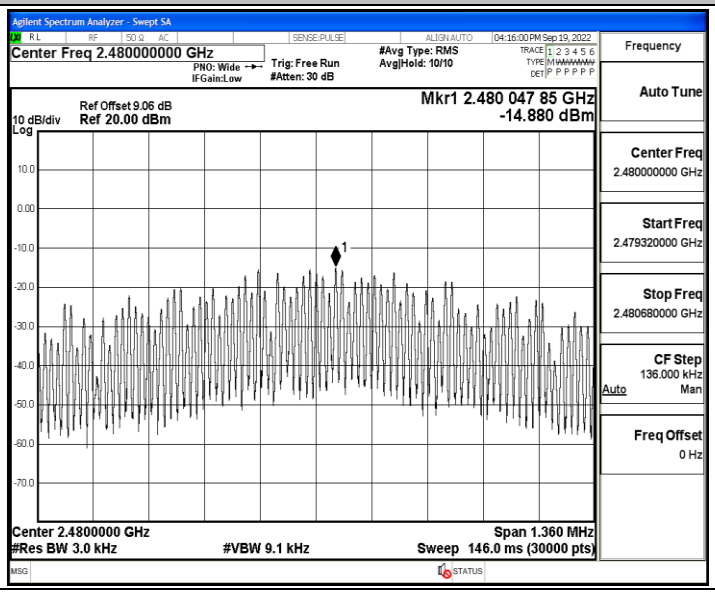
SRD_Ant1_2402



SRD_Ant1_2440



SRD_Ant1_2480



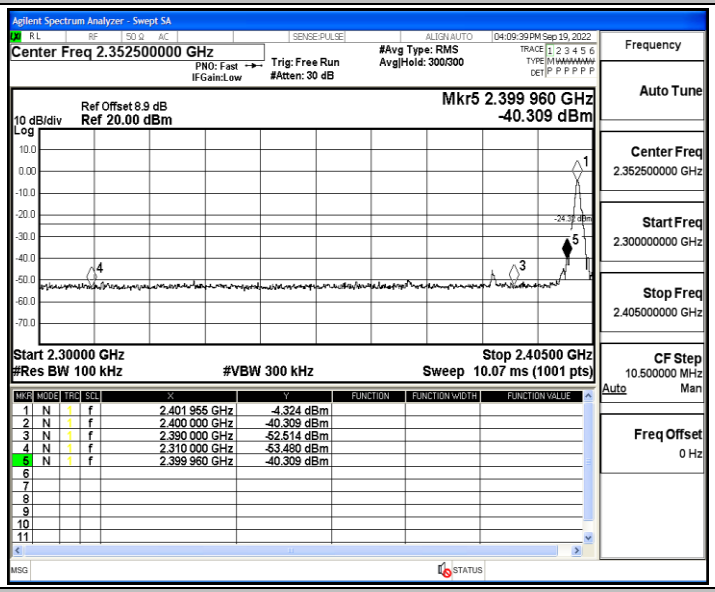
Appendix E: Band edge measurements

Test Result

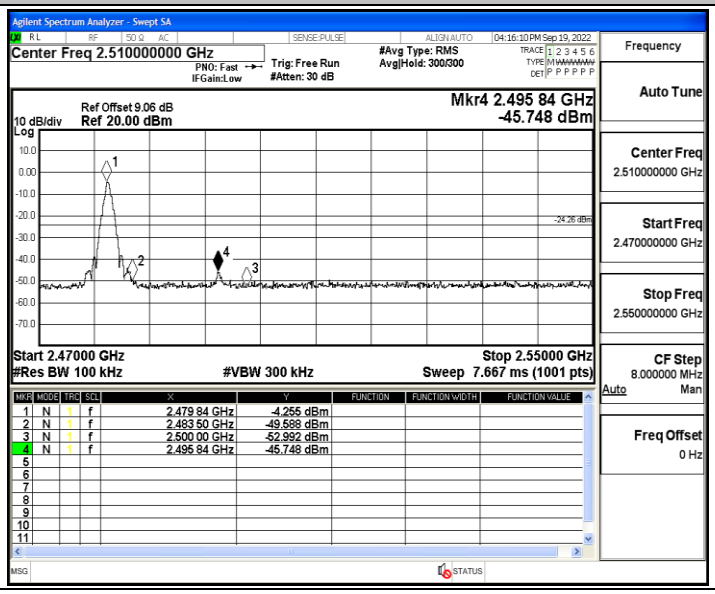
TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
SRD	Ant1	Low	2402	-4.32	-40.31	≤-24.32	PASS
		High	2480	-4.26	-45.75	≤-24.26	PASS

Test Graphs

SRD_Ant1_Low_2402



SRD_Ant1_High_2480



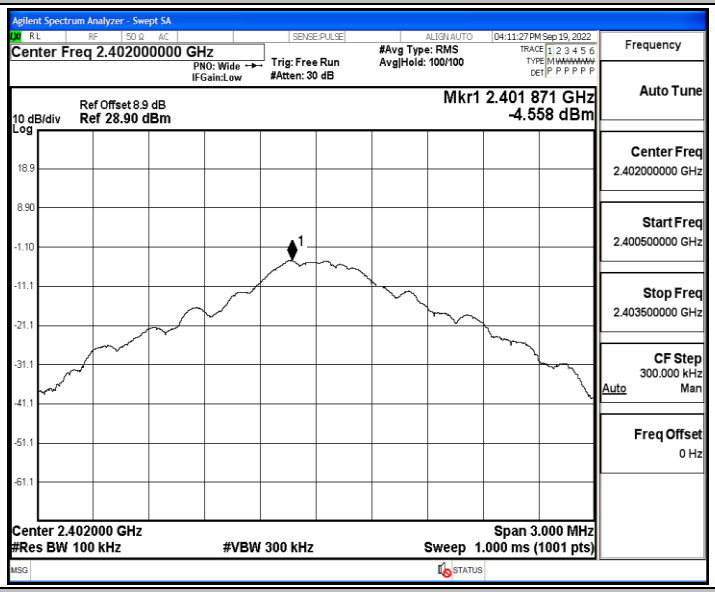
Appendix F: Conducted Spurious Emission

Test Result

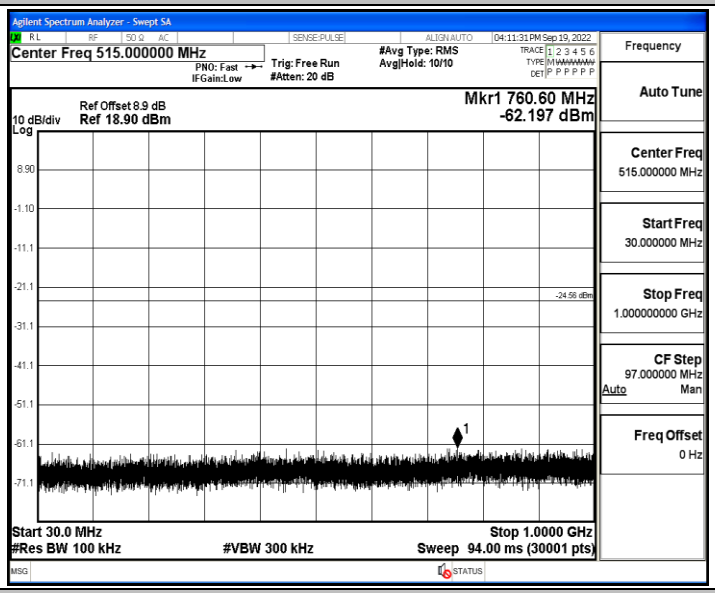
TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
SRD	Ant1	2402	Reference	-4.56	-4.56	---	PASS
			30~1000	-4.56	-62.2	≤-24.56	PASS
			1000~26500	-4.56	-50.52	≤-24.56	PASS
		2440	Reference	-4.31	-4.31	---	PASS
			30~1000	-4.31	-61.14	≤-24.31	PASS
			1000~26500	-4.31	-50.73	≤-24.31	PASS
		2480	Reference	-4.26	-4.26	---	PASS
			30~1000	-4.26	-61.73	≤-24.26	PASS
			1000~26500	-4.26	-51.68	≤-24.26	PASS

Test Graphs

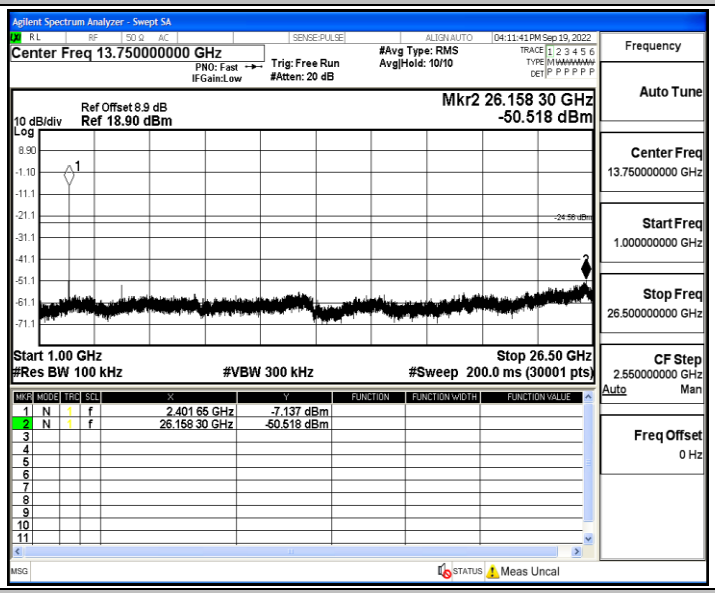
SRD_Ant1_2402_0~Reference



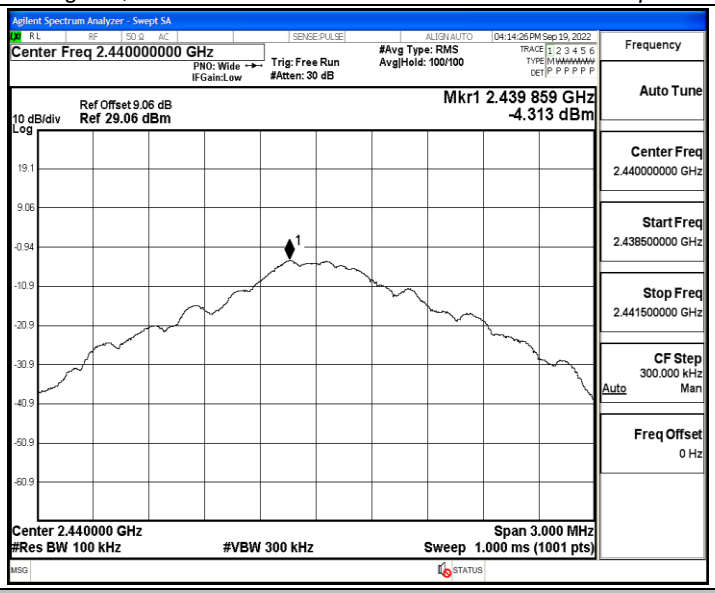
SRD_Ant1_2402_30~1000



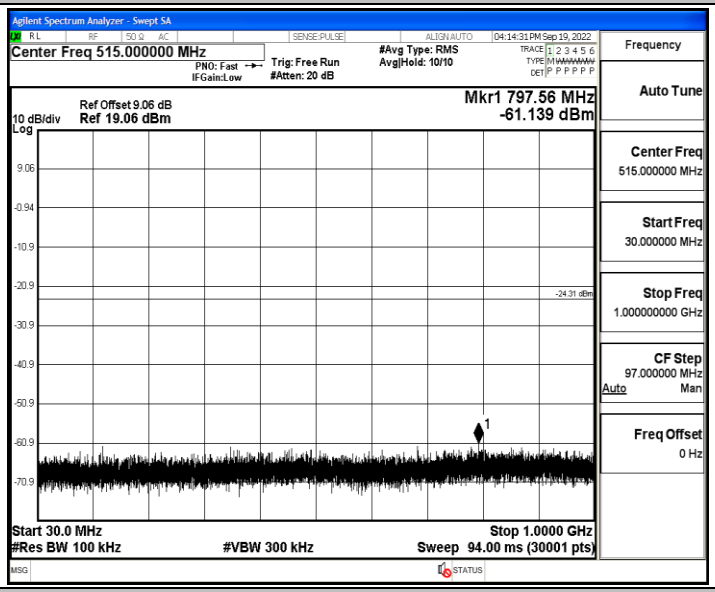
SRD_Ant1_2402_1000~26500



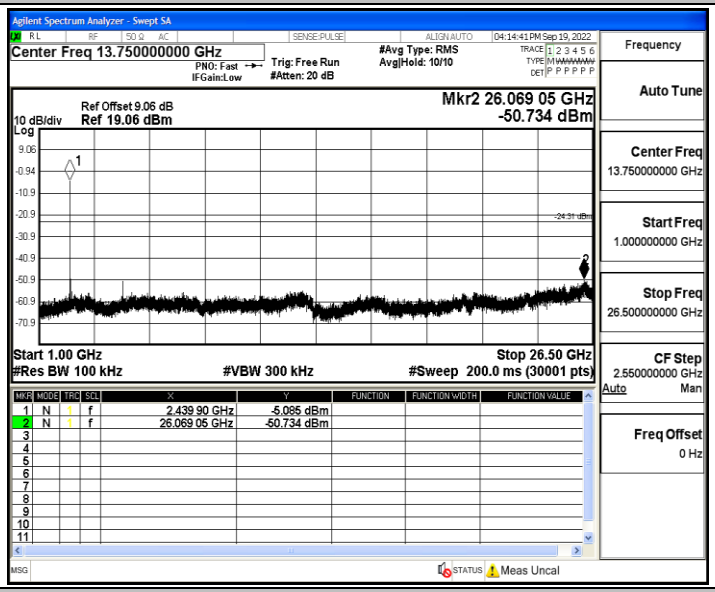
SRD_Ant1_2440_0~Reference



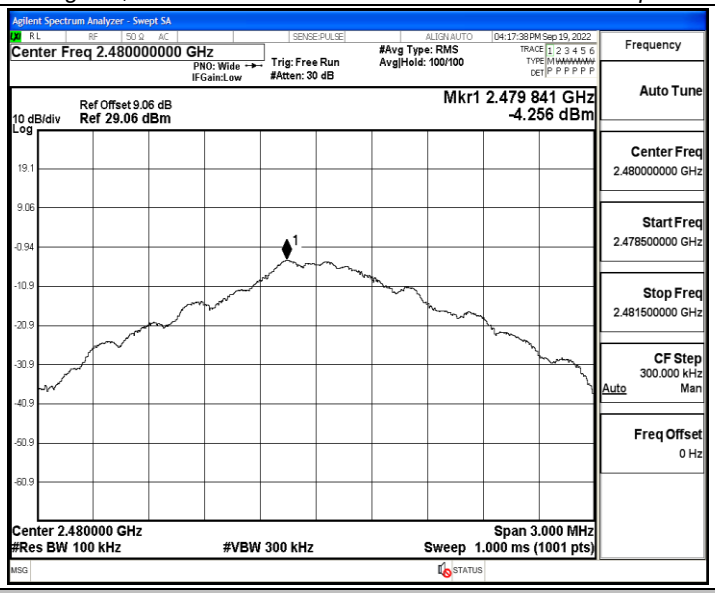
SRD_Ant1_2440_30~1000



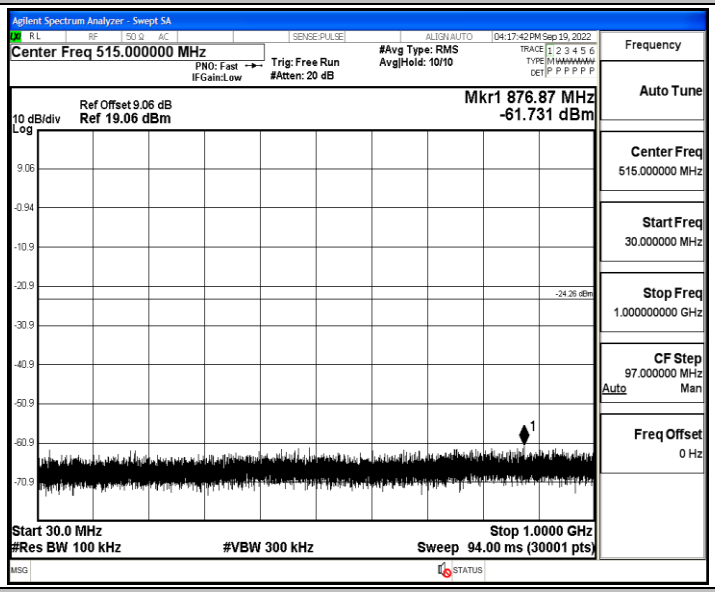
SRD_Ant1_2440_1000~26500



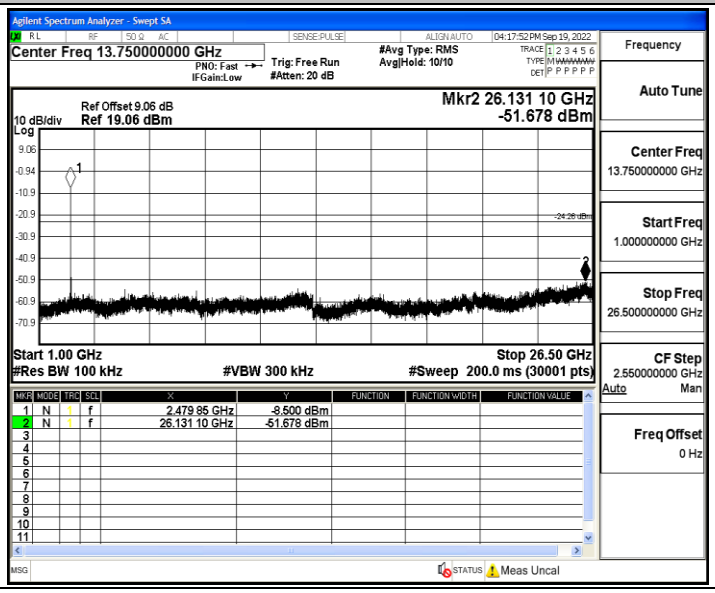
SRD_Ant1_2480_0~Reference



SRD_Ant1_2480_30~1000



SRD_Ant1_2480_1000~26500



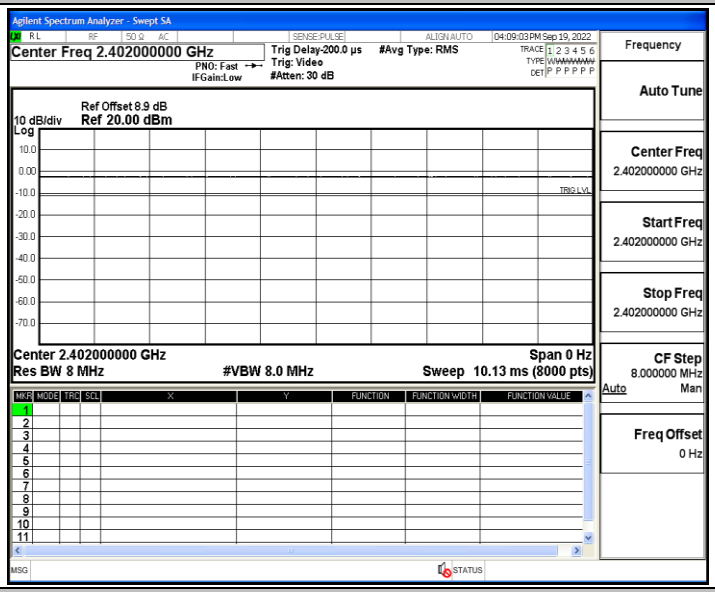
Appendix G: Duty Cycle

Test Result

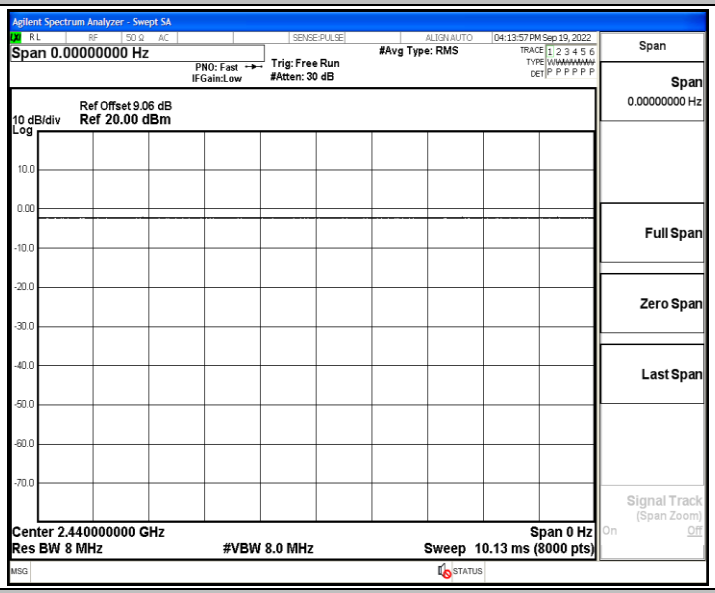
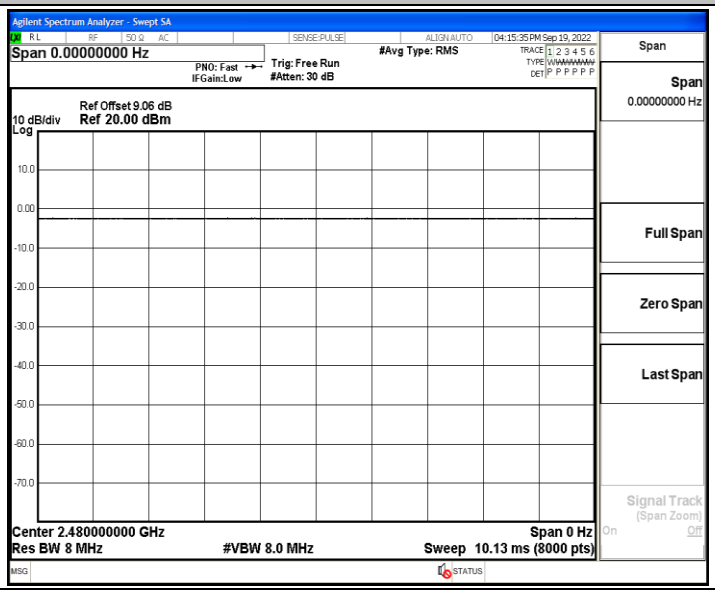
TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	1/T[kHz]
SRD	Ant1	2402	10.00	10.00	100.00	0.10
		2440	10.00	10.00	100.00	0.10
		2480	10.00	10.00	100.00	0.10

Test Graphs

SRD_Ant1_2402



SRD_Ant1_2440



SRD_Ant1_2480