Appendix Test Data for SRD (Conducted Measurement)

Product Name: Wireless Mouse

Trade Mark: SENTRY

Test Model: KX700

FCC ID: 2AT3W-SYKX700M

Environmental Conditions

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

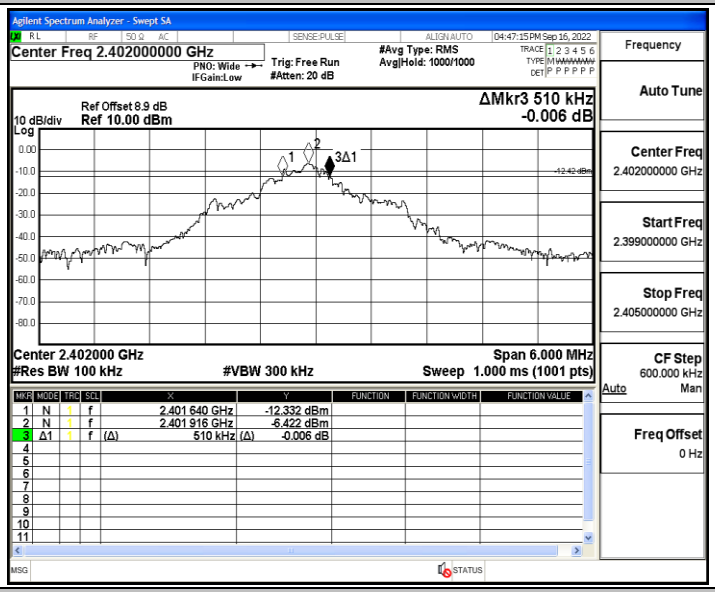
Appendix A: DTS Bandwidth

Test Result

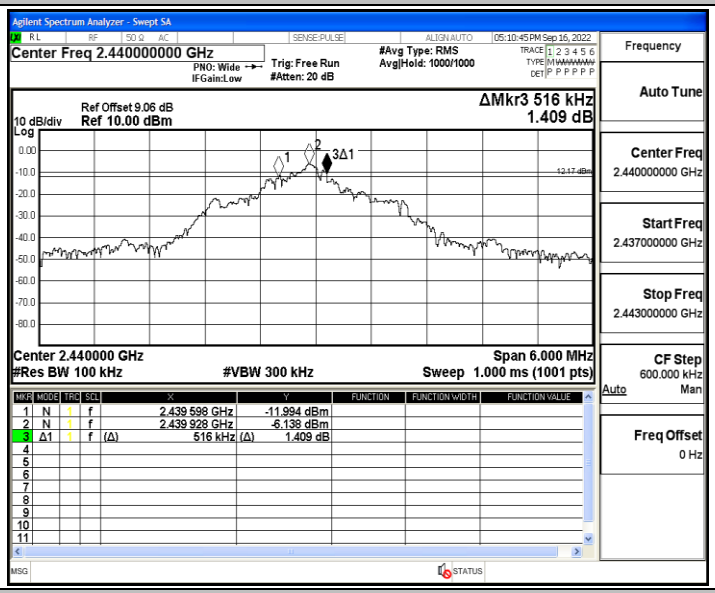
TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
SRD	Ant1	2402	0.510	2401.640	2402.150	0.5	PASS
		2440	0.516	2439.598	2440.114	0.5	PASS
		2480	0.642	2479.514	2480.156	0.5	PASS

Test Graphs

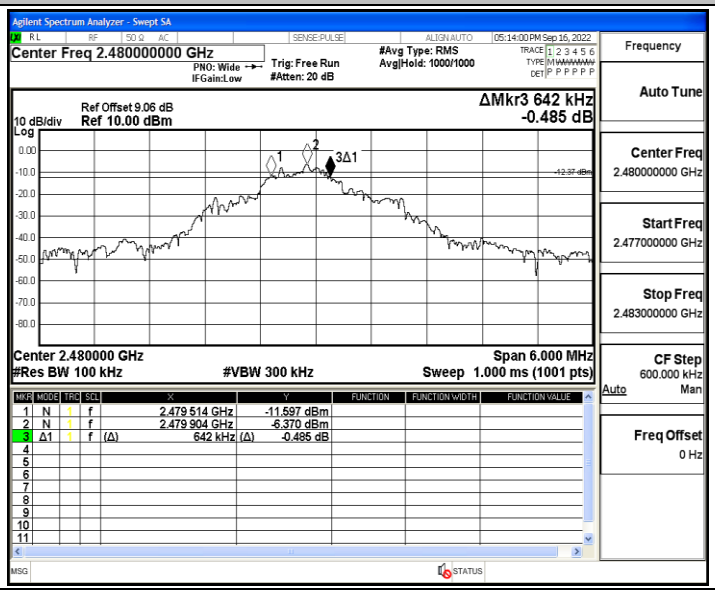
SRD_Ant1_2402



SRD_Ant1_2440



SRD_Ant1_2480



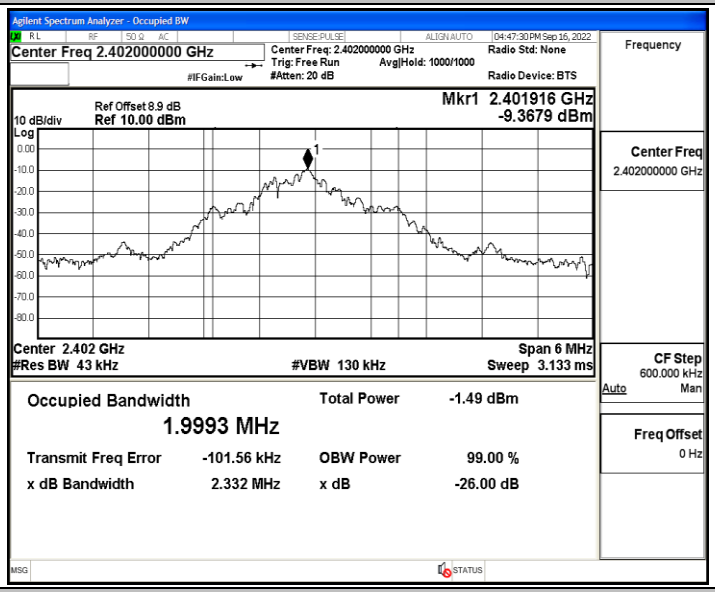
Appendix B: Occupied Channel Bandwidth

Test Result

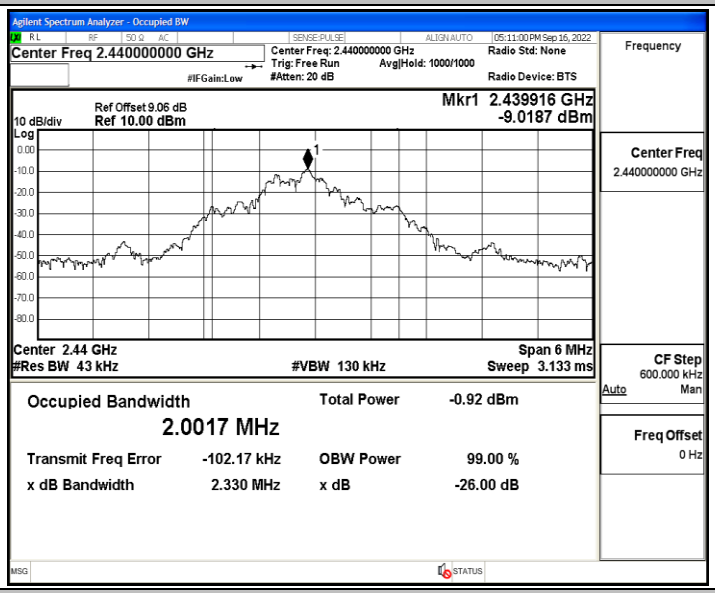
TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
SRD	Ant1	2402	1.9993	2400.899	2402.898	---	---
		2440	2.0017	2438.897	2440.899	---	---
		2480	2.0149	2478.884	2480.898	---	---

Test Graphs

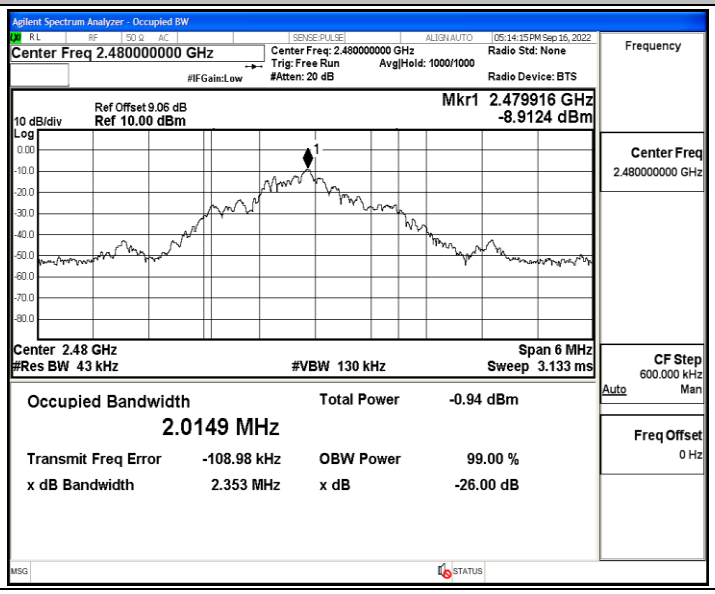
SRD_Ant1_2402



SRD_Ant1_2440



SRD_Ant1_2480



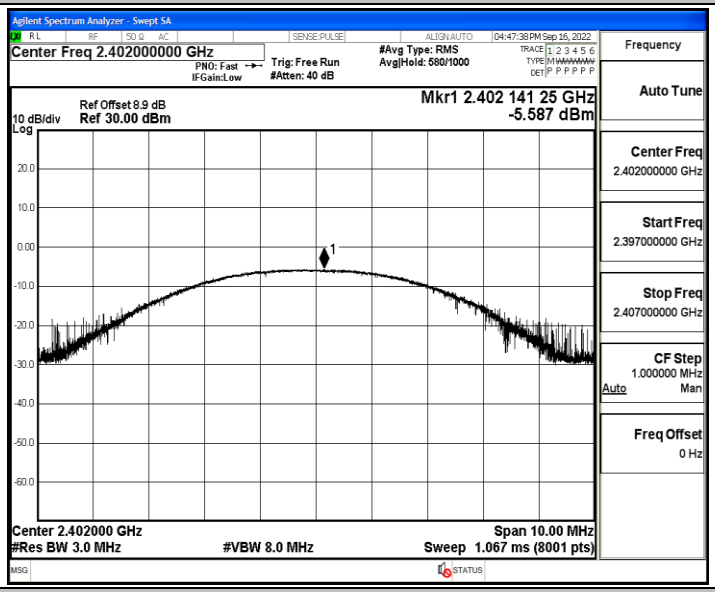
Appendix C: Maximum Peak conducted output power

Test Result

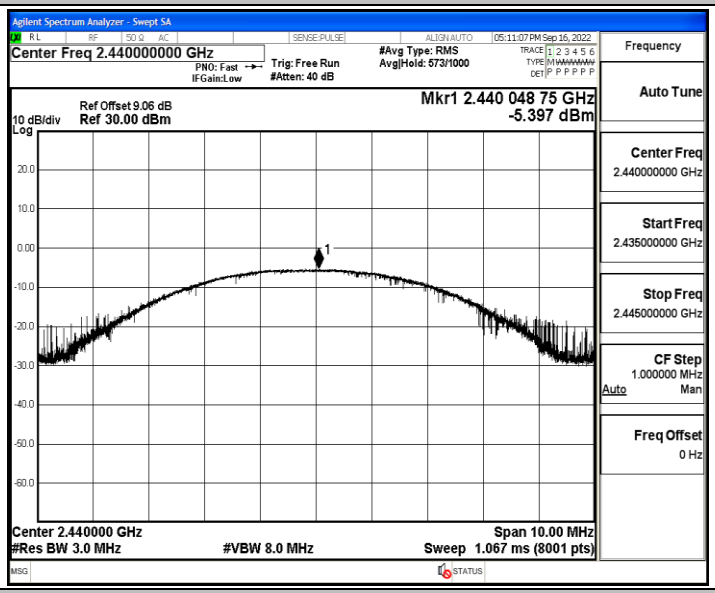
TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
SRD	Ant1	2402	-5.59	≤30	PASS
		2440	-5.4	≤30	PASS
		2480	-5.26	≤30	PASS

Test Graphs

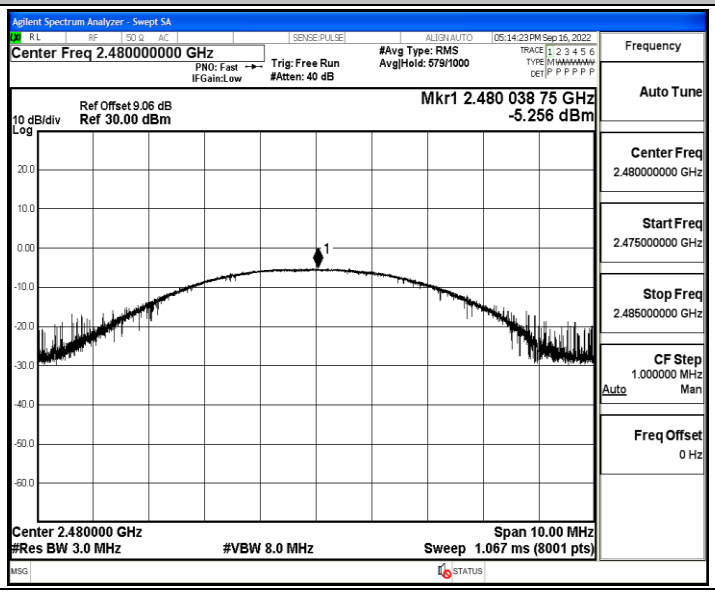
SRD_Ant1_2402



SRD_Ant1_2440



SRD_Ant1_2480



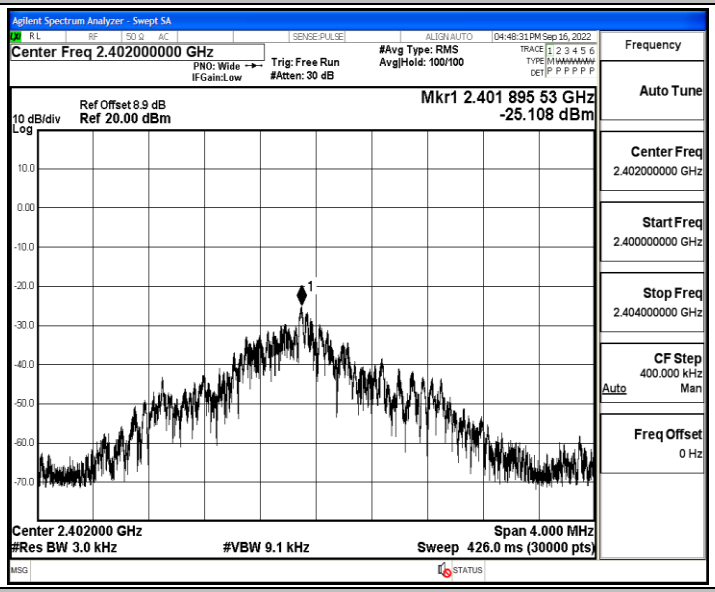
Appendix D: Maximum power spectral density

Test Result

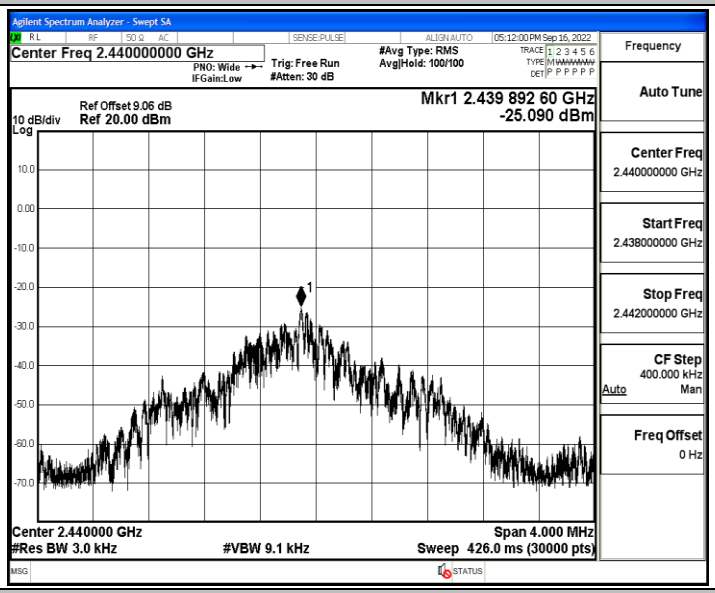
TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
SRD	Ant1	2402	-25.11	≤8.00	PASS
		2440	-25.09	≤8.00	PASS
		2480	-25.37	≤8.00	PASS

Test Graphs

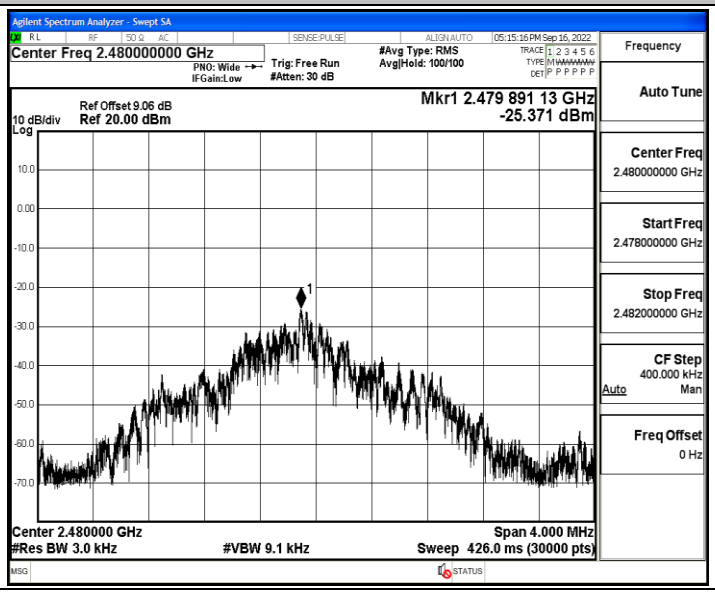
SRD_Ant1_2402



SRD_Ant1_2440



SRD_Ant1_2480



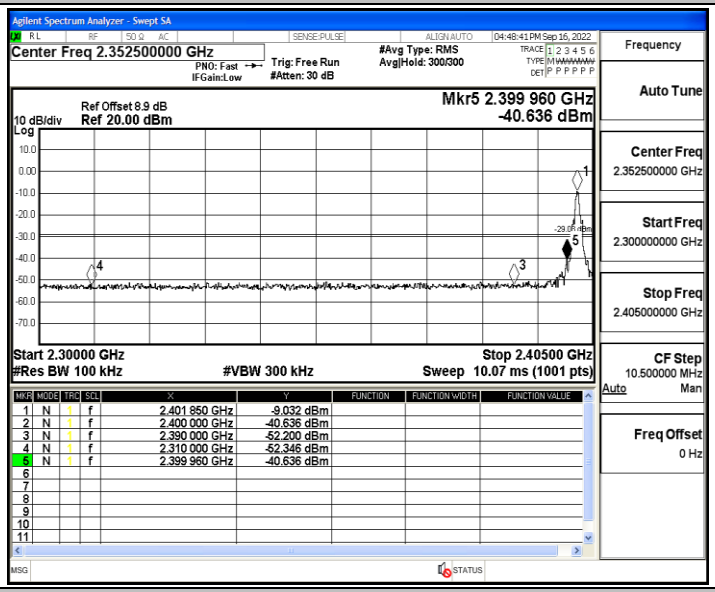
Appendix E: Band edge measurements

Test Result

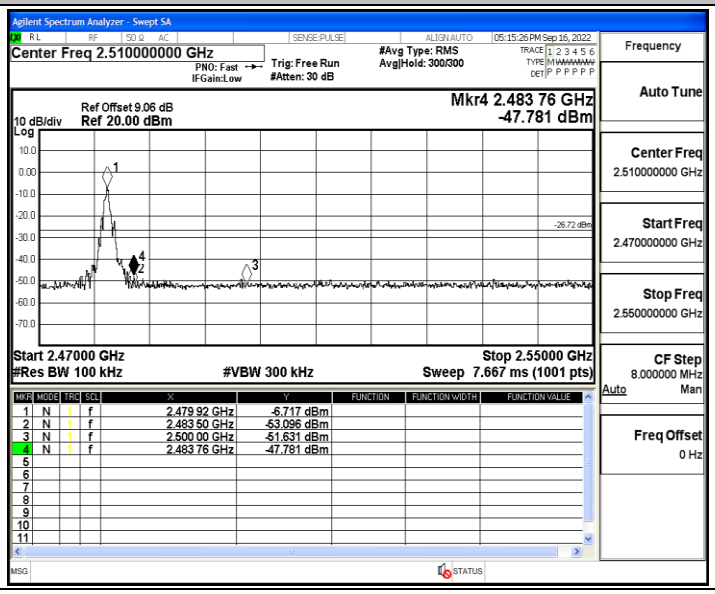
TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
SRD	Ant1	Low	2402	-9.03	-40.64	≤-29.03	PASS
		High	2480	-6.72	-47.78	≤-26.72	PASS

Test Graphs

SRD_Ant1_Low_2402



SRD_Ant1_High_2480



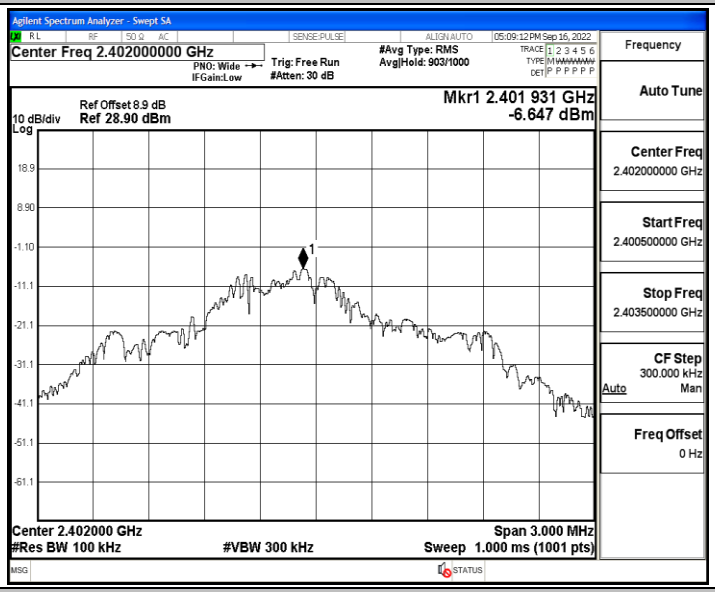
Appendix F: Conducted Spurious Emission

Test Result

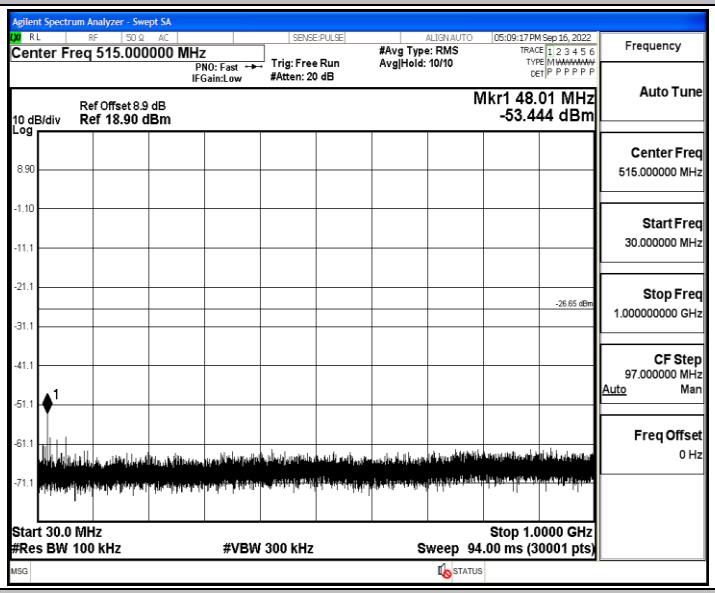
TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
SRD	Ant1	2402	Reference	-6.65	-6.65	---	PASS
			30~1000	-6.65	-53.44	≤-26.65	PASS
			1000~26500	-6.65	-50.88	≤-26.65	PASS
		2440	Reference	-6.39	-6.39	---	PASS
			30~1000	-6.39	-53.61	≤-26.39	PASS
			1000~26500	-6.39	-48.36	≤-26.39	PASS
		2480	Reference	-6.25	-6.25	---	PASS
			30~1000	-6.25	-52.93	≤-26.25	PASS
			1000~26500	-6.25	-47.73	≤-26.25	PASS

Test Graphs

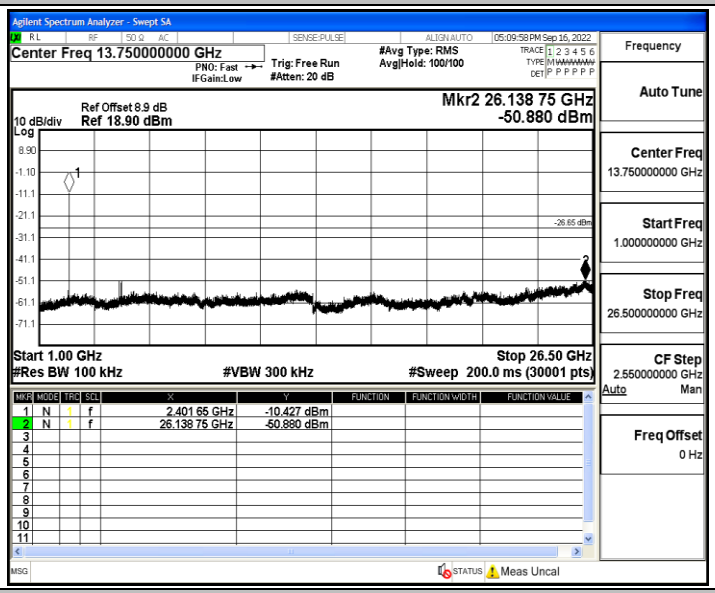
SRD_Ant1_2402_0~Reference



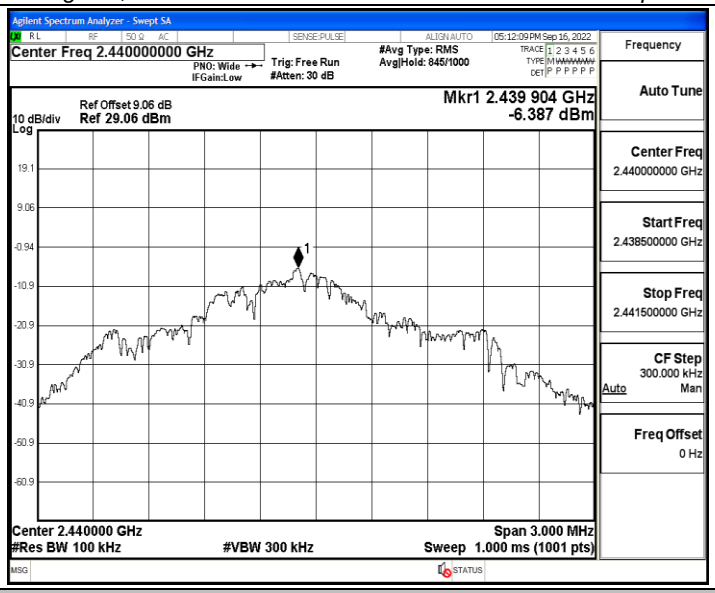
SRD_Ant1_2402_30~1000



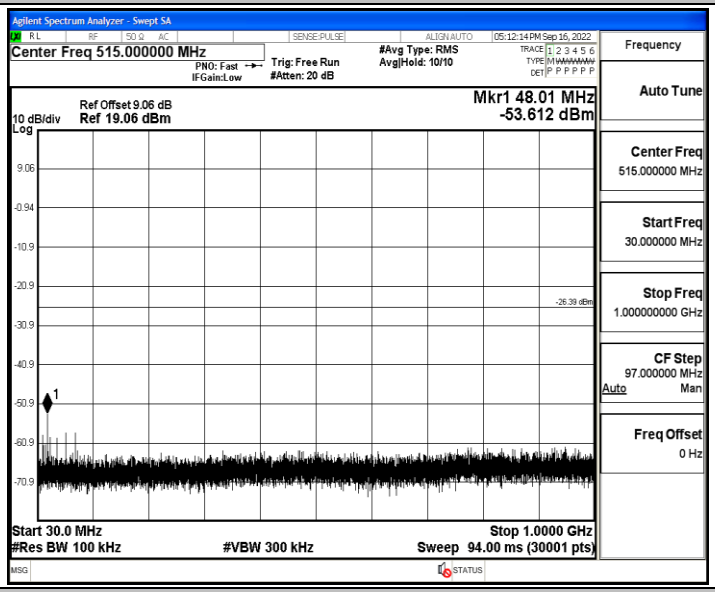
SRD_Ant1_2402_1000~26500



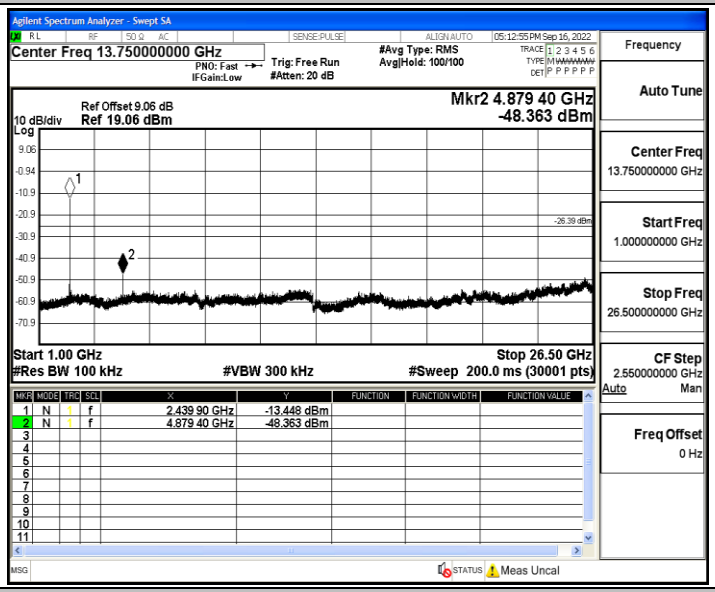
SRD_Ant1_2440_0~Reference



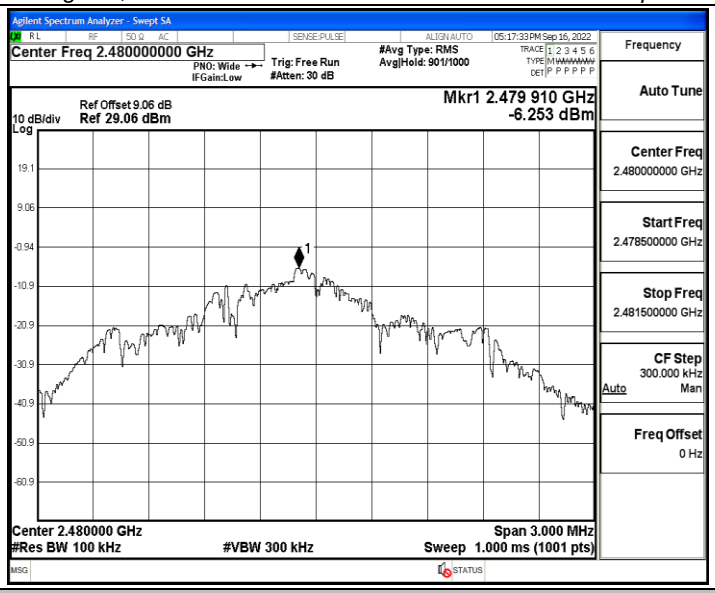
SRD_Ant1_2440_30~1000



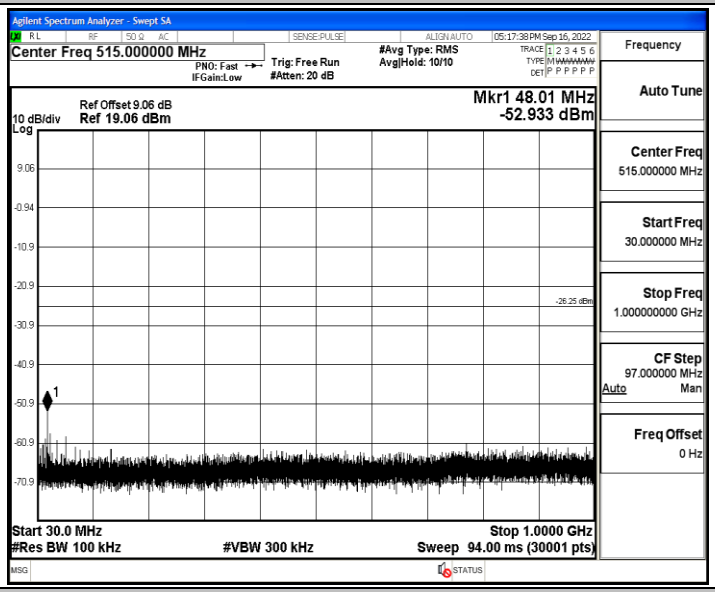
SRD_Ant1_2440_1000~26500



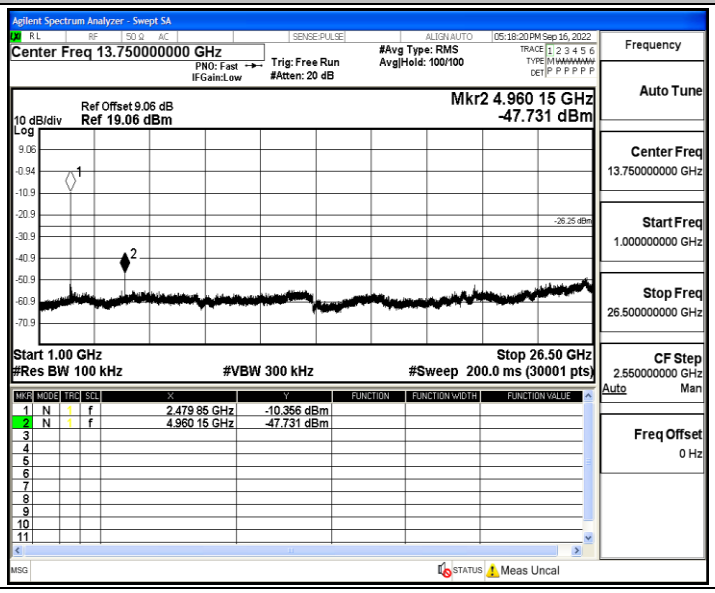
SRD_Ant1_2480_0~Reference



SRD_Ant1_2480_30~1000



SRD_Ant1_2480_1000~26500



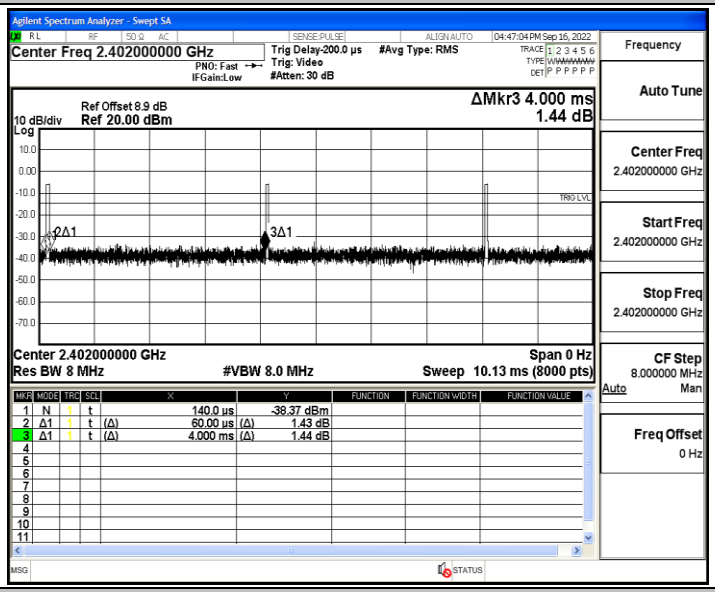
Appendix G: Duty Cycle

Test Result

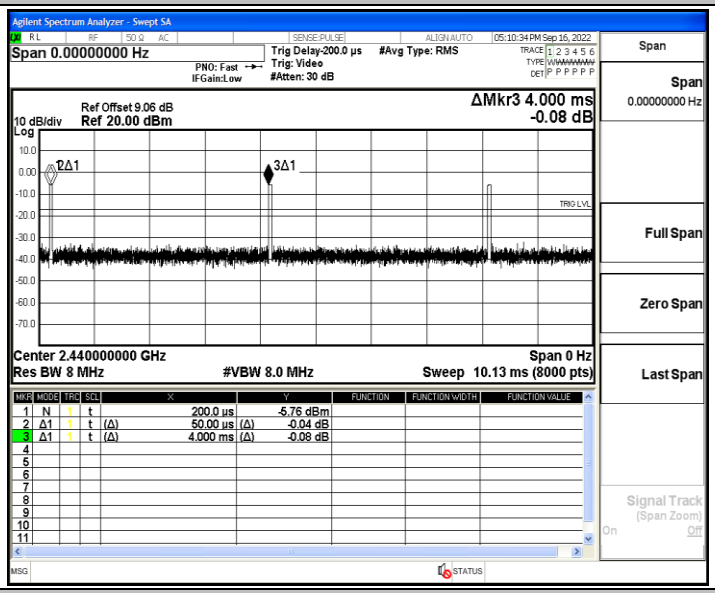
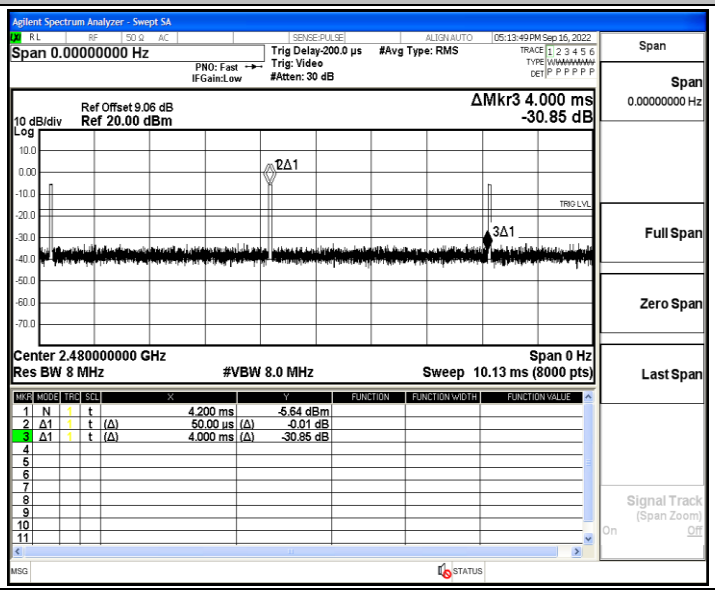
TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	1/T[kHz]
SRD	Ant1	2402	0.06	4.00	1.50	16.67
		2440	0.05	4.00	1.25	20.00
		2480	0.05	4.00	1.25	20.00

Test Graphs

SRD_Ant1_2402



SRD_Ant1_2440



SRD_Ant1_2480