

Appendix Test Data for SRD (Conducted Measurement)

Product Name: Mechanical keyboard



Test Model: RT100

FCC ID: 2A5D2-RT100

Environmental Conditions

Temperature:	22.7℃
Relative Humidity:	56%
ATM Pressure:	100.0 kPa
Test Engineer:	Anna Hu
Supervised by:	Hugo Chen
NOTE	N/A

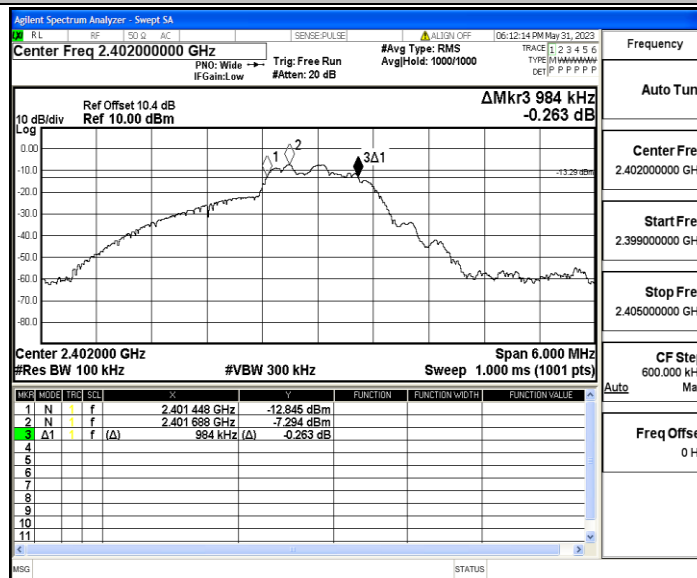
Appendix A: DTS Bandwidth

Test Result

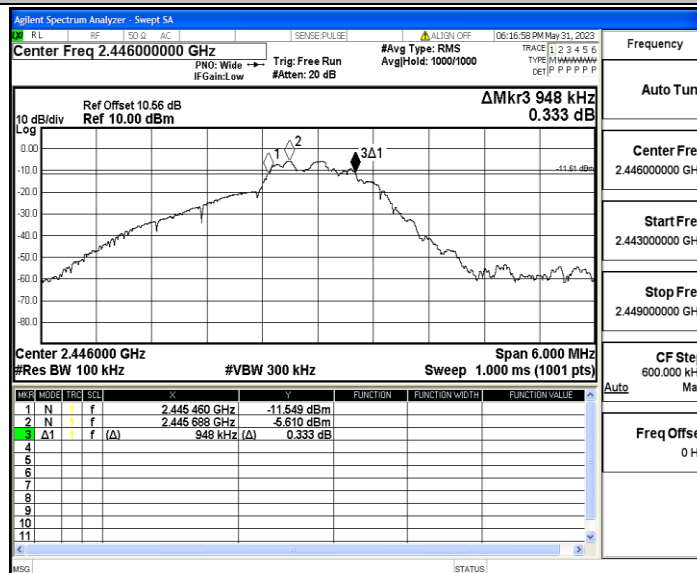
TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
SRD	Ant1	2402	0.984	2401.448	2402.432	0.5	PASS
		2446	0.948	2445.460	2446.408	0.5	PASS
		2479	0.948	2478.484	2479.432	0.5	PASS

Test Graphs

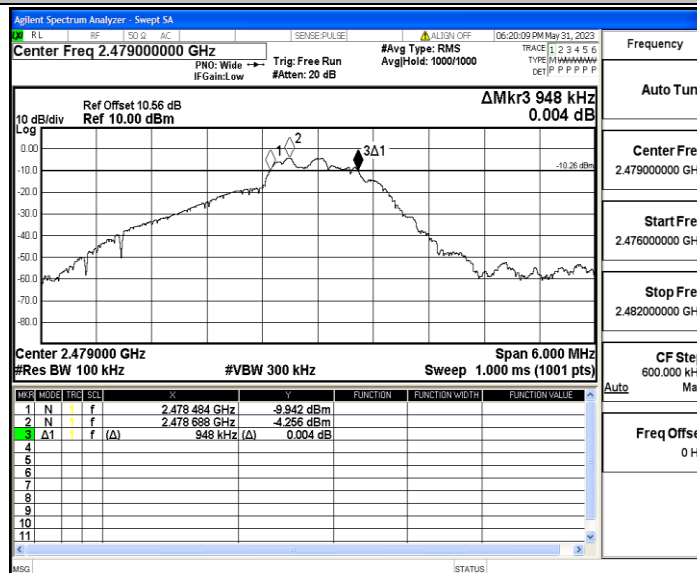
SRD_Ant1_2402



SRD_Ant1_2446



SRD_Ant1_2479

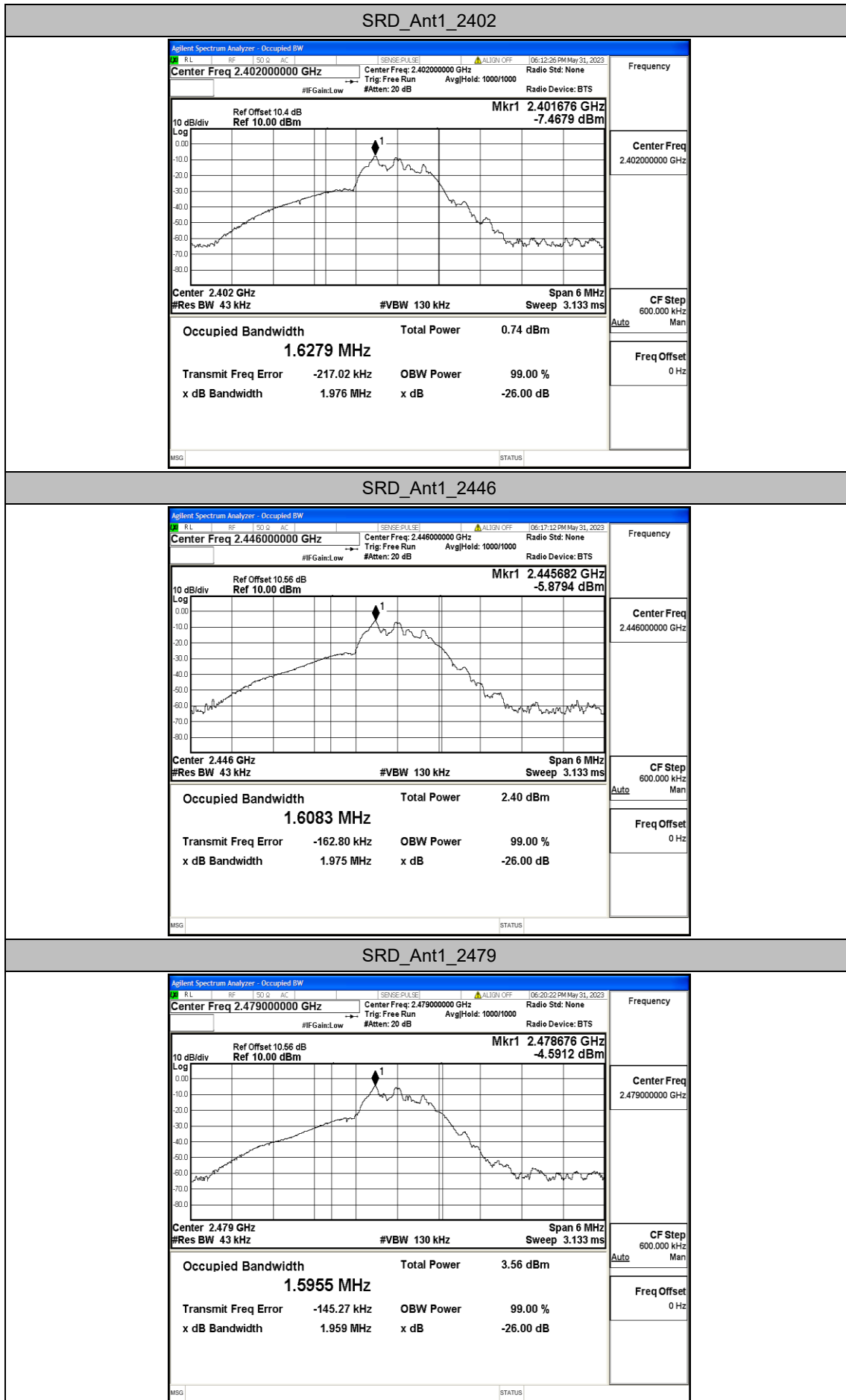


Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
SRD	Ant1	2402	1.6279	2400.9690	2402.5969	---	---
		2446	1.6083	2445.0331	2446.6414	---	---
		2479	1.5955	2478.0570	2479.6525	---	---

Test Graphs



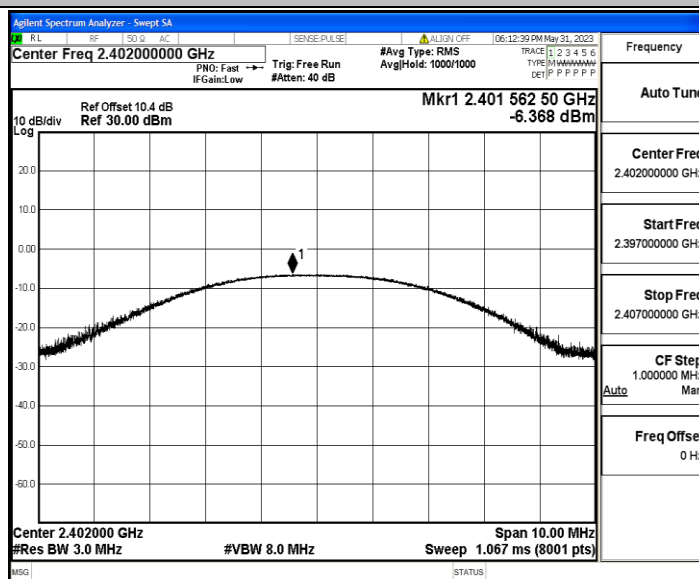
Appendix C: Maximum conducted output power

Test Result

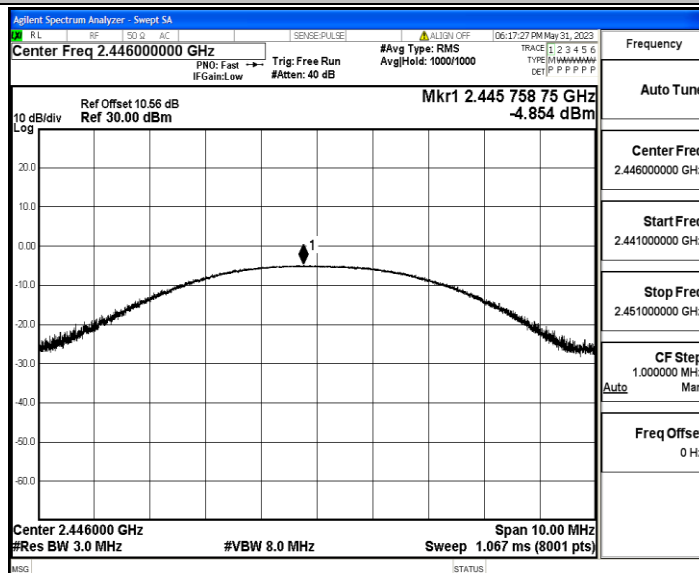
TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
SRD	Ant1	2402	-6.37	≤30	PASS
		2446	-4.85	≤30	PASS
		2479	-3.68	≤30	PASS

Test Graphs

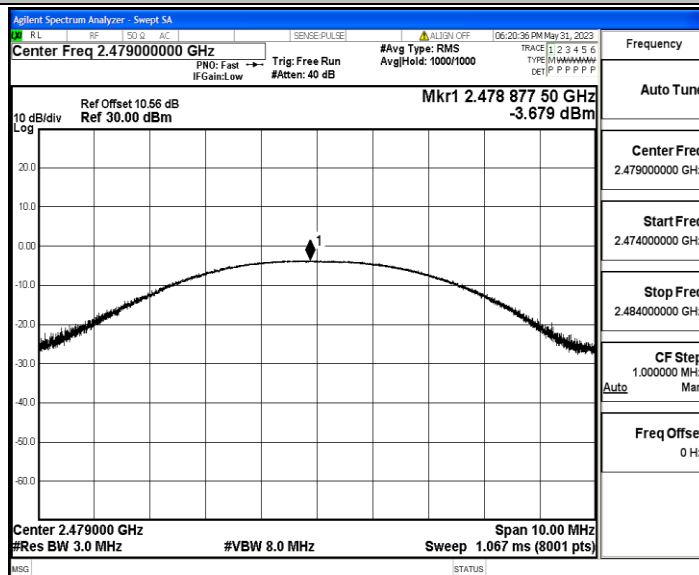
SRD_Ant1_2402



SRD_Ant1_2446



SRD_Ant1_2479



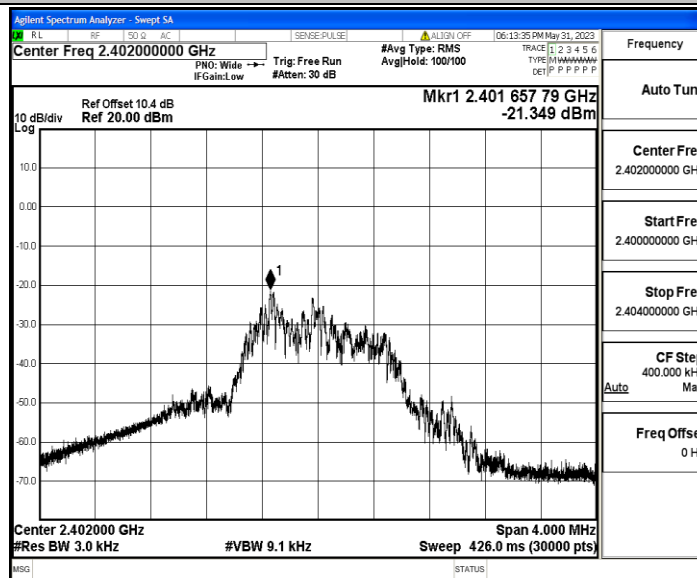
Appendix D: Maximum power spectral density

Test Result

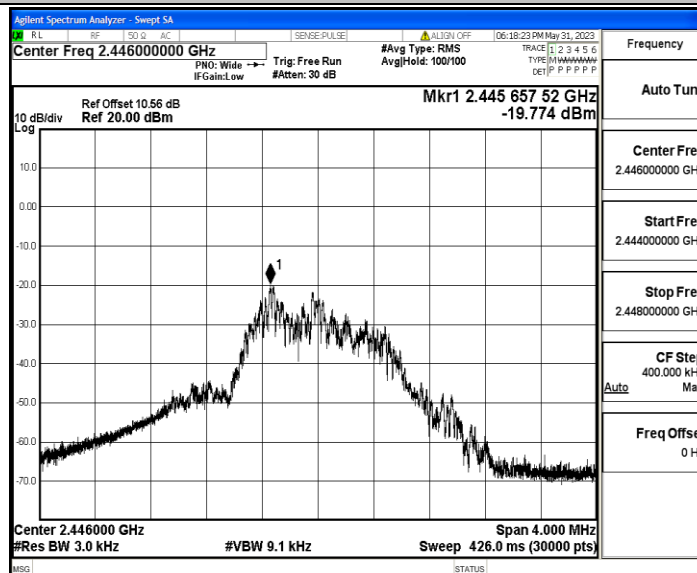
TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
SRD	Ant1	2402	-21.35	≤8.00	PASS
		2446	-19.77	≤8.00	PASS
		2479	-18.55	≤8.00	PASS

Test Graphs

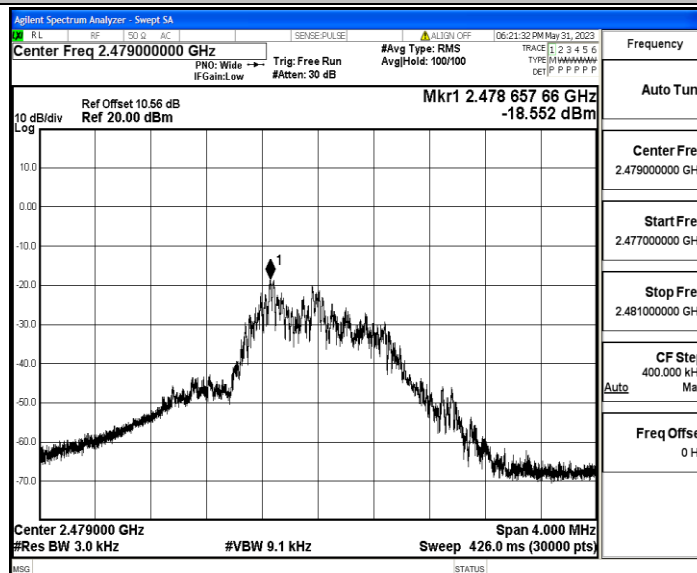
SRD_Ant1_2402



SRD_Ant1_2446



SRD_Ant1_2479

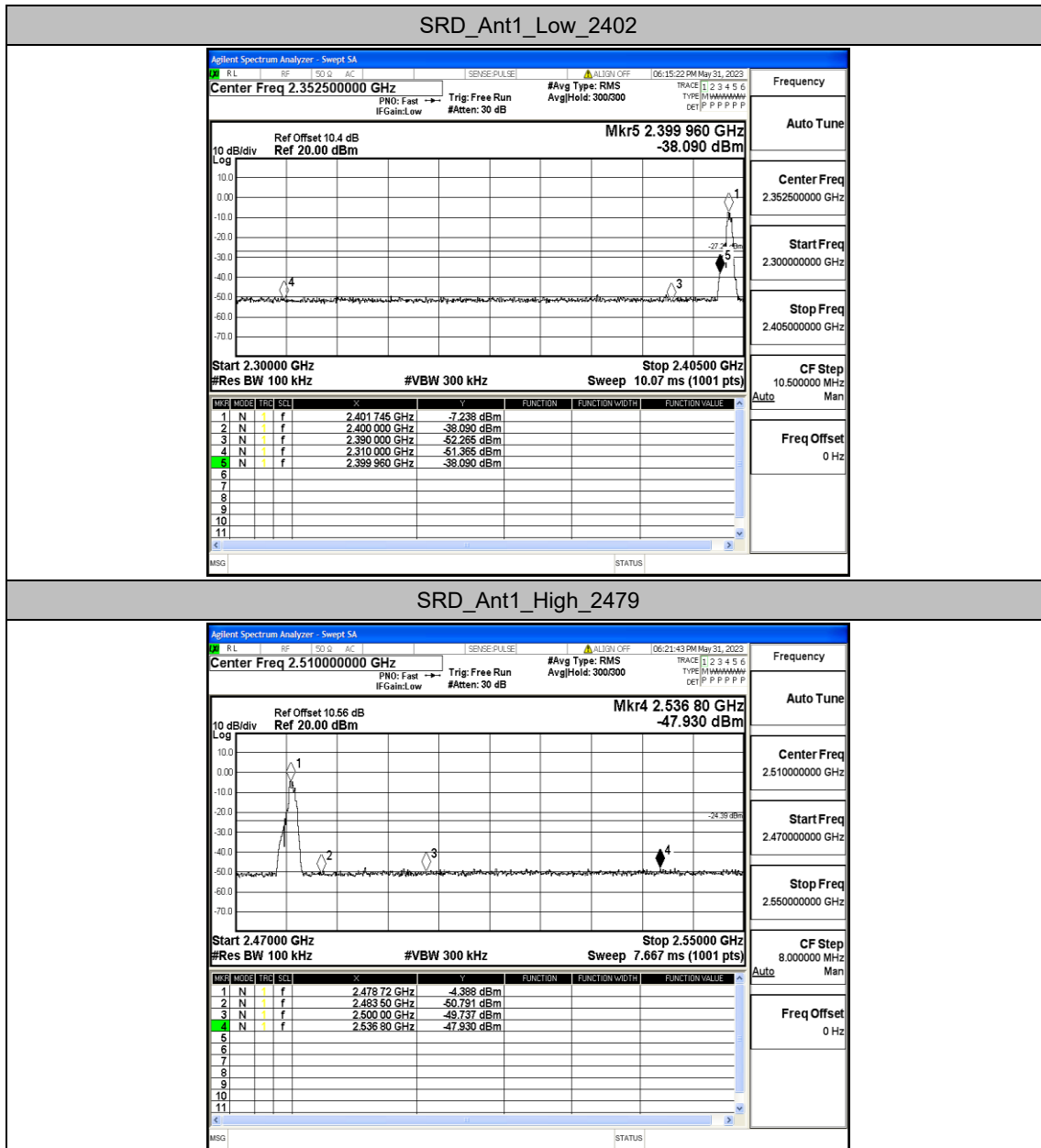


Appendix E: Band edge measurements

Test Result

TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
SRD	Ant1	Low	2402	-7.24	-38.09	≤-27.24	PASS
		High	2479	-4.39	-47.93	≤-24.39	PASS

Test Graphs

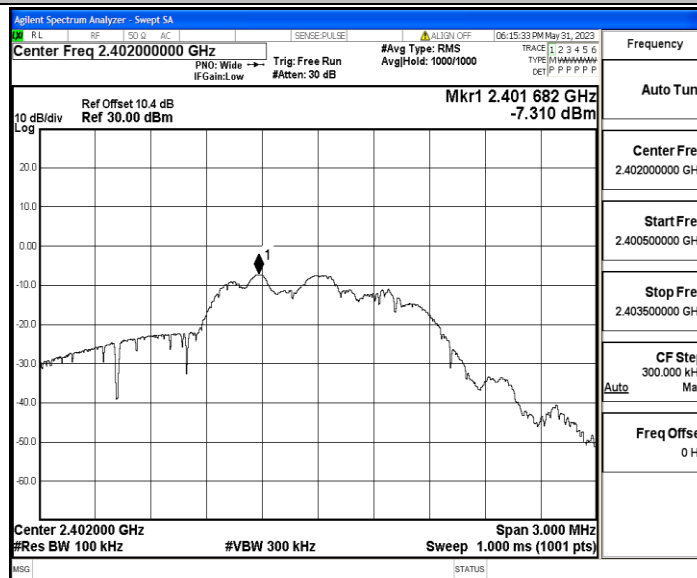


Appendix F: Conducted Spurious Emission**Test Result**

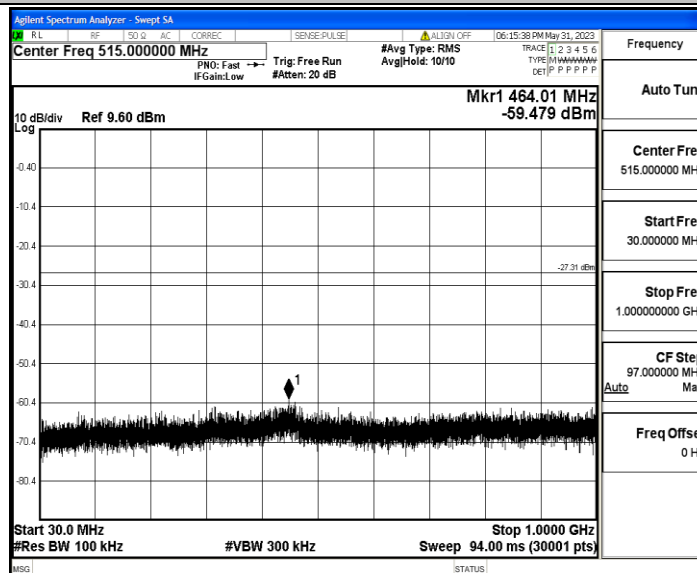
TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
SRD	Ant1	2402	Reference	-7.31	-7.31	---	PASS
			30~1000	-7.31	-59.48	≤ -27.31	PASS
			1000~26500	-7.31	-40.08	≤ -27.31	PASS
		2446	Reference	-5.66	-5.66	---	PASS
			30~1000	-5.66	-59.58	≤ -25.66	PASS
			1000~26500	-5.66	-43.87	≤ -25.66	PASS
		2479	Reference	-4.32	-4.32	---	PASS
			30~1000	-4.32	-59.83	≤ -24.32	PASS
			1000~26500	-4.32	-49.03	≤ -24.32	PASS

Test Graphs

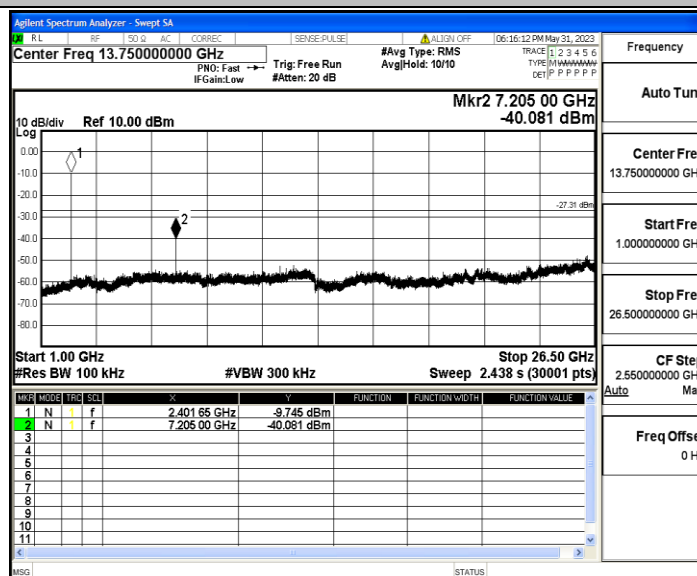
SRD_Ant1_2402_0~Reference



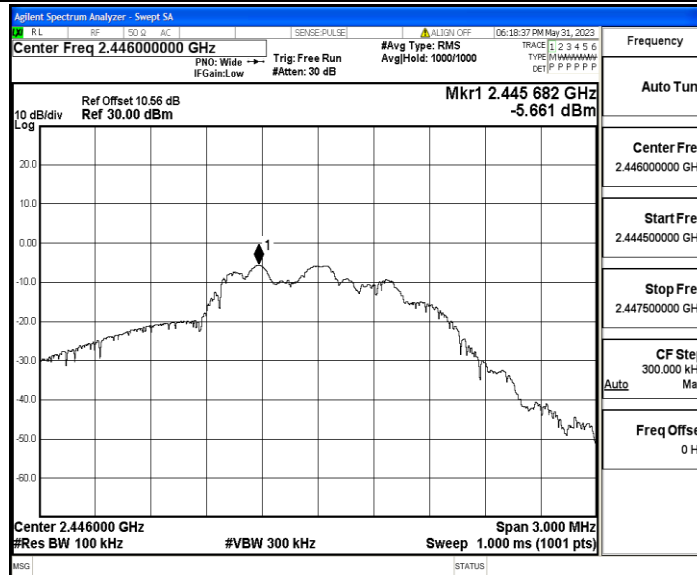
SRD_Ant1_2402_30~1000



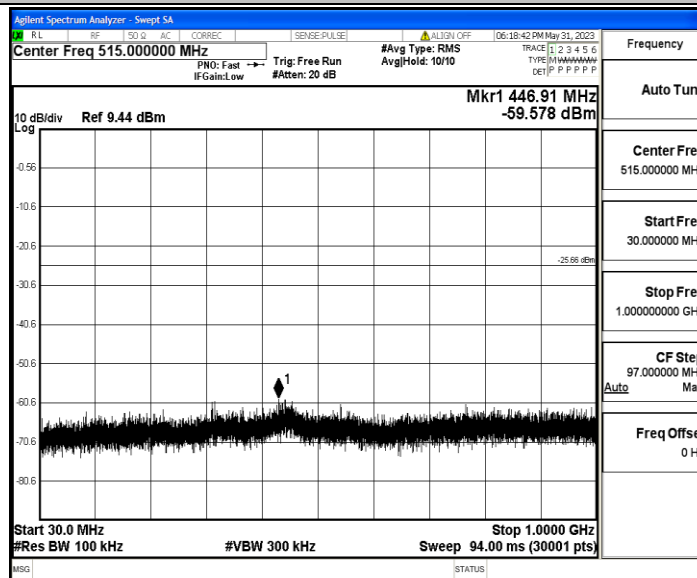
SRD_Ant1_2402_1000~26500



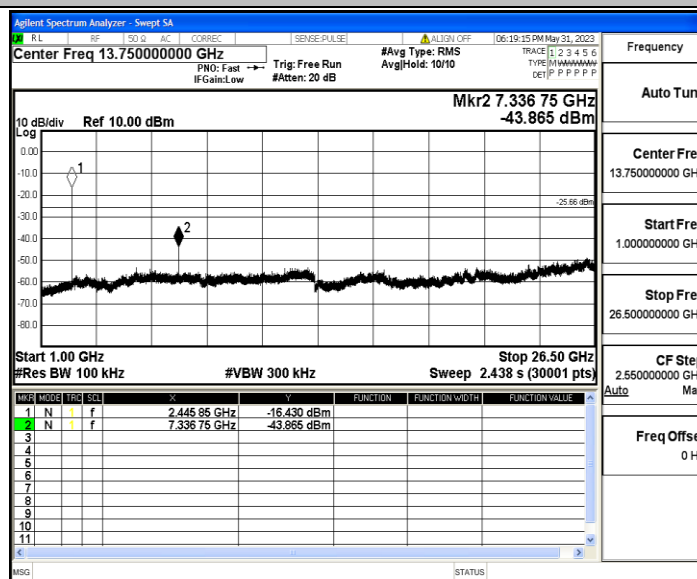
SRD_Ant1_2446_0~Reference



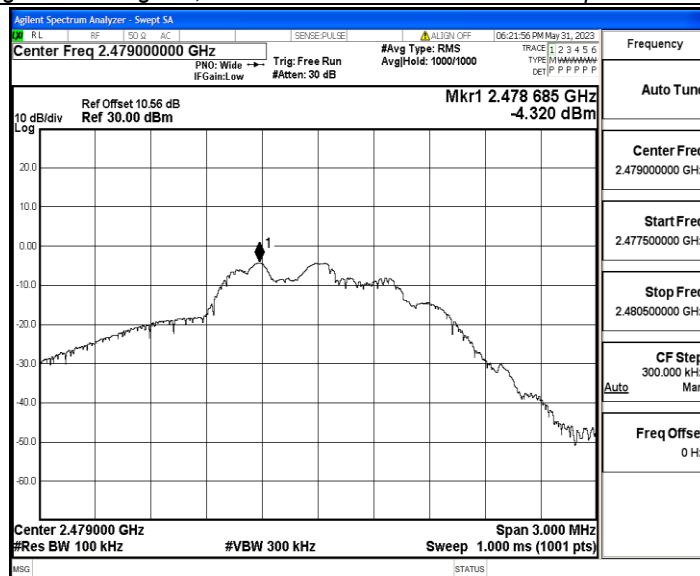
SRD_Ant1_2446_30~1000



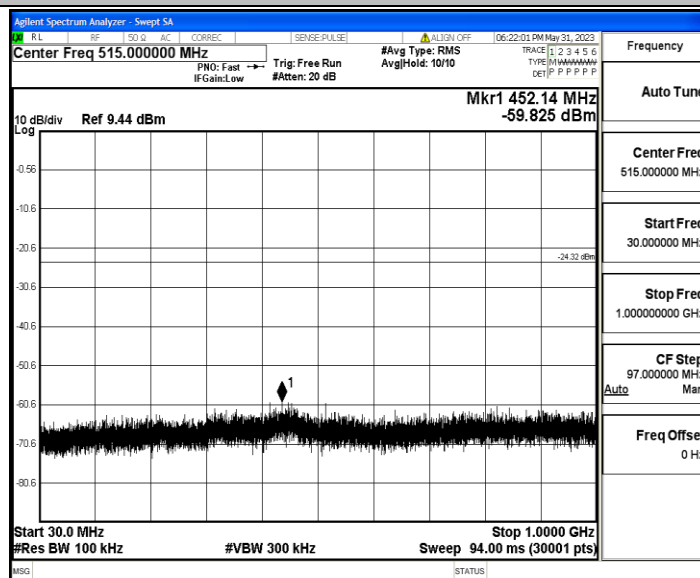
SRD_Ant1_2446_1000~26500



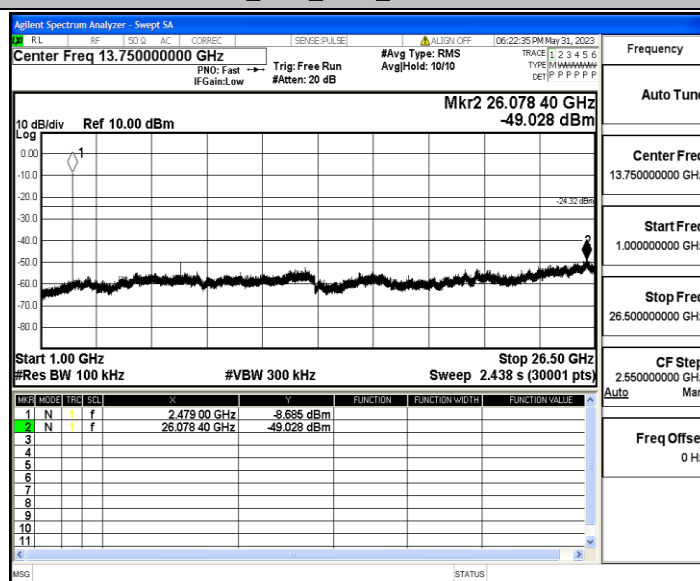
SRD_Ant1_2479_0~Reference



SRD_Ant1_2479_30~1000



SRD_Ant1_2479_1000~26500



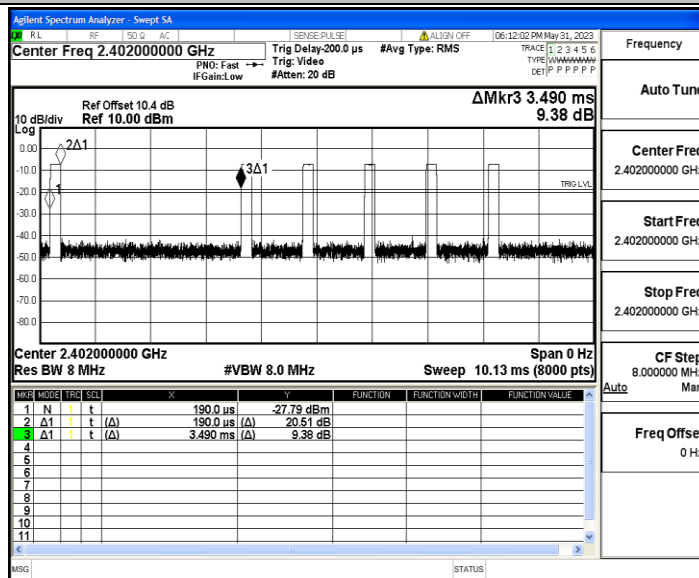
Appendix G: Duty Cycle

Test Result

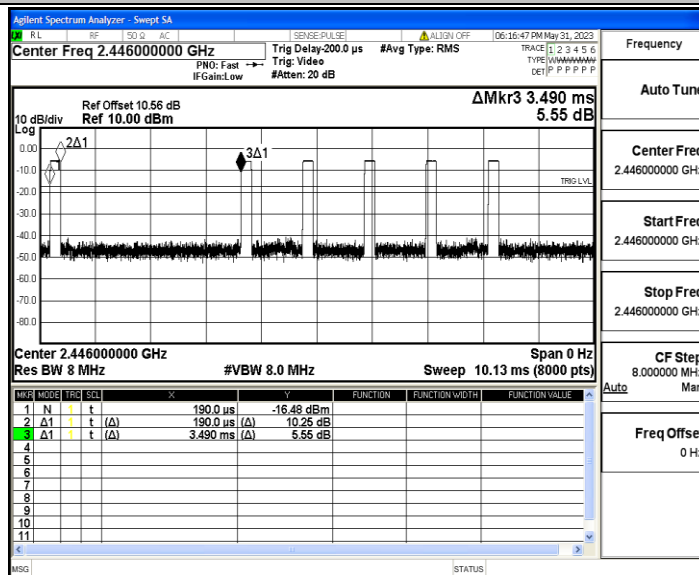
TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	1/T
SRD	Ant1	2402	0.19	3.49	5.44	5.26
		2446	0.19	3.49	5.44	5.26
		2479	0.20	3.49	5.73	5.00

Test Graphs

SRD_Ant1_2402



SRD_Ant1_2446



SRD_Ant1_2479

