

RF Test Data for SRD (Conducted Measurement)

Product Name: 2.4G Wireless Keyboard

Trade Mark: N/A

Test Model: ISJ-WJK70FGT

FCC ID: 2A5DLWJ00007

Environmental Conditions

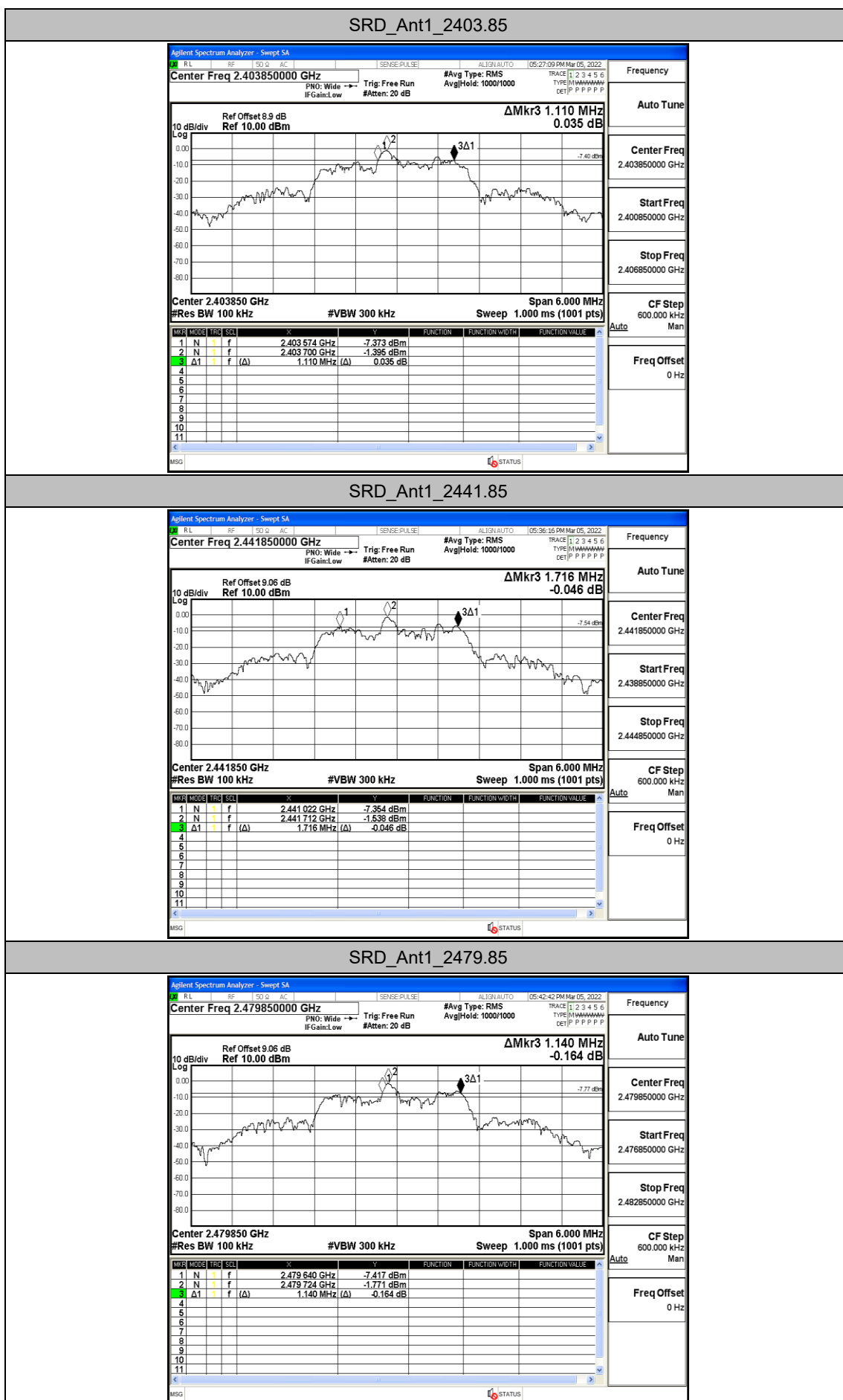
Temperature:	22.8℃
Relative Humidity:	58%
ATM Pressure:	100.0 kPa
Test Engineer:	Anna Hu
Supervised by:	Hugo Chen
NOTE	N/A

Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
SRD	Ant1	2403.85	1.110	2403.574	2404.684	0.5	PASS
		2441.85	1.716	2441.022	2442.738	0.5	PASS
		2479.85	1.140	2479.640	2480.780	0.5	PASS

Test Graphs

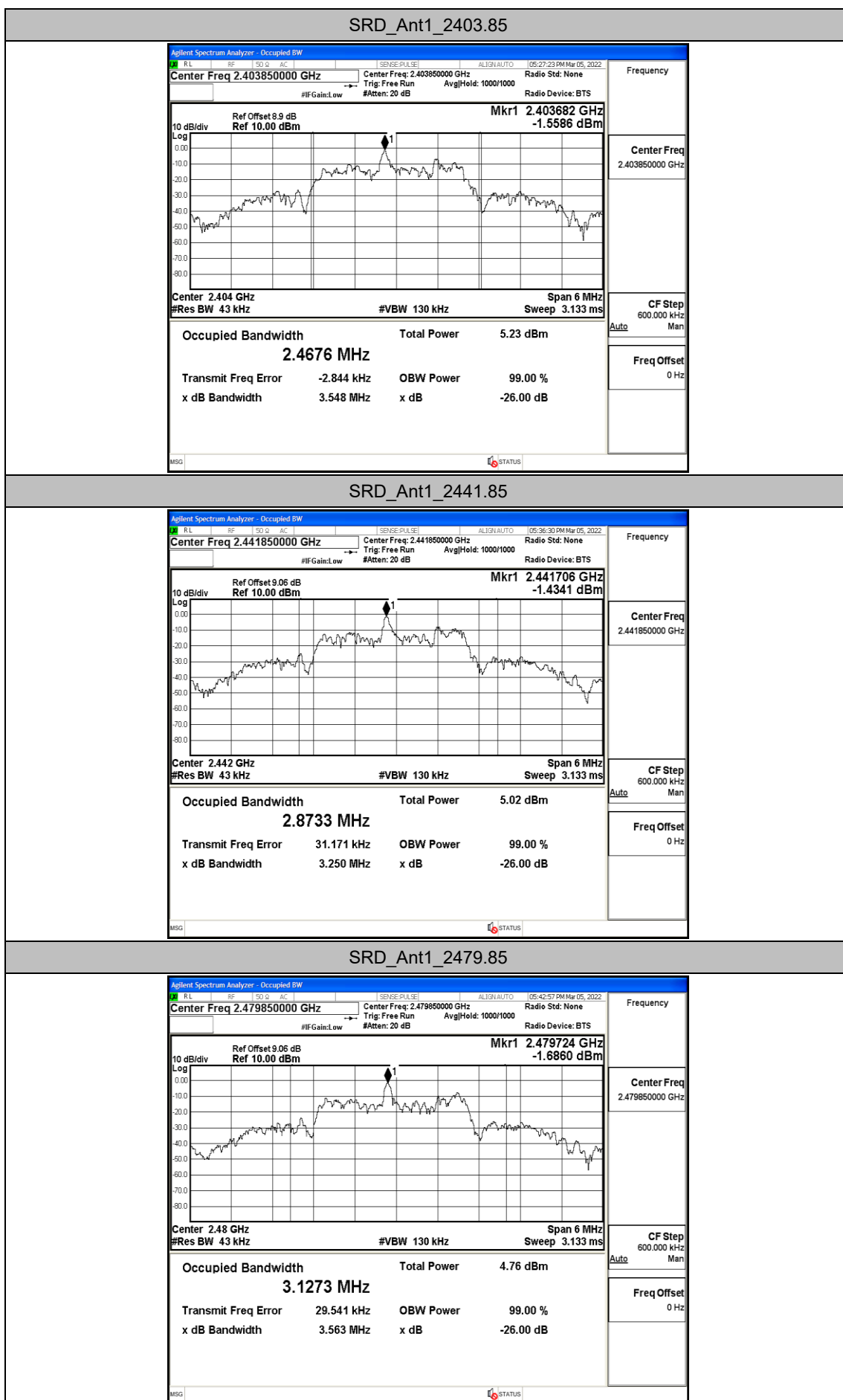


Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
SRD	Ant1	2403.85	2.4676	2402.613	2405.081	---	---
		2441.85	2.8733	2440.445	2443.318	---	---
		2479.85	3.1273	2478.316	2481.443	---	---

Test Graphs



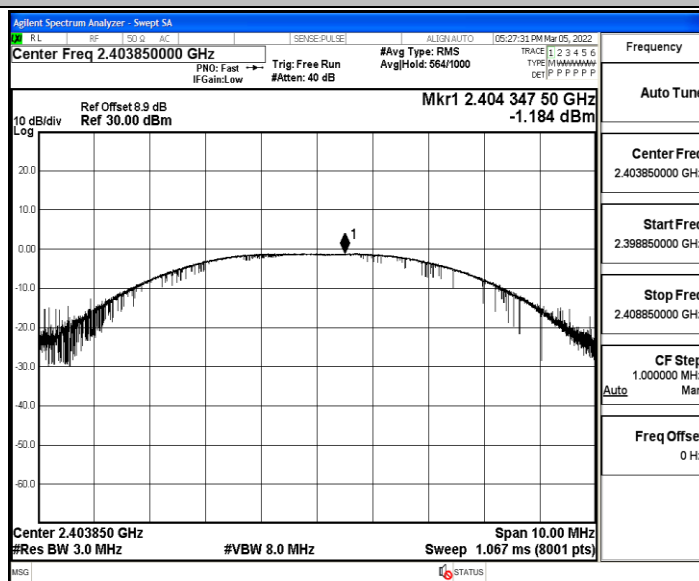
Appendix C: Maximum conducted output power

Test Result

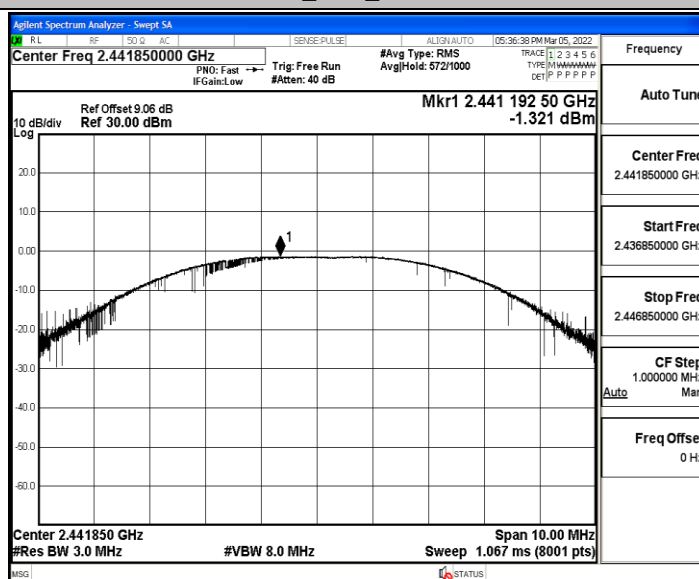
TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
SRD	Ant1	2403.85	-1.18	≤30	PASS
		2441.85	-1.32	≤30	PASS
		2479.85	-1.49	≤30	PASS

Test Graphs

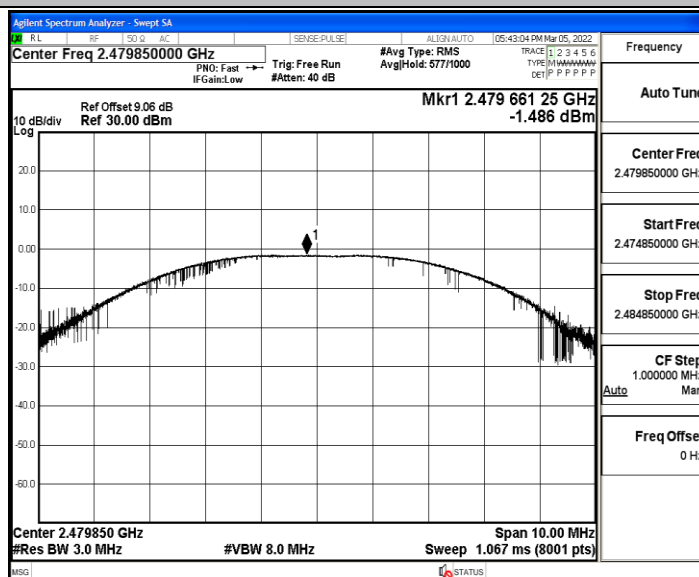
SRD_Ant1_2403.85



SRD_Ant1_2441.85



SRD_Ant1_2479.85



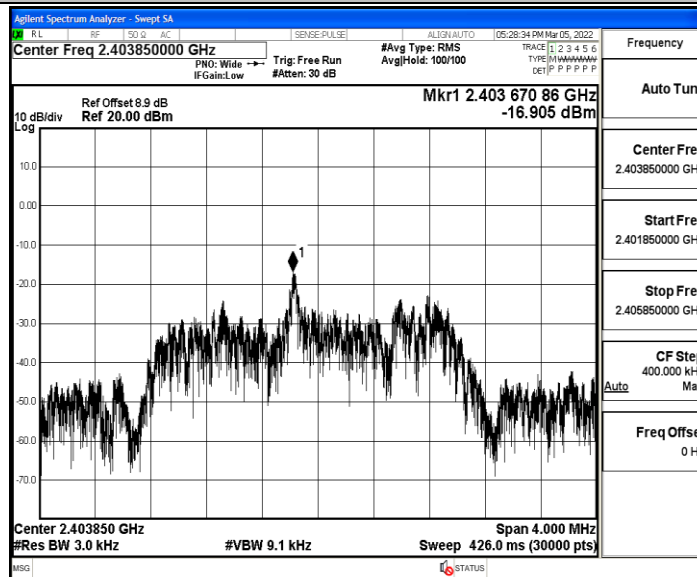
Appendix D: Maximum power spectral density

Test Result

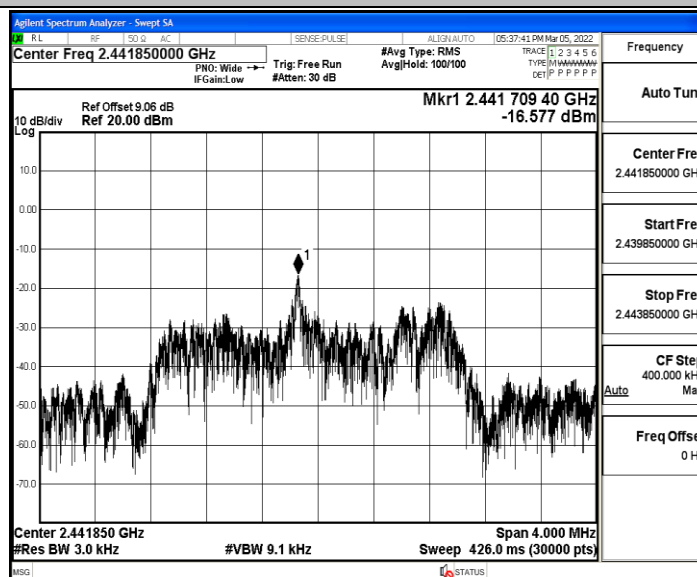
TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
SRD	Ant1	2403.85	-16.91	≤8.00	PASS
		2441.85	-16.58	≤8.00	PASS
		2479.85	-15.84	≤8.00	PASS

Test Graphs

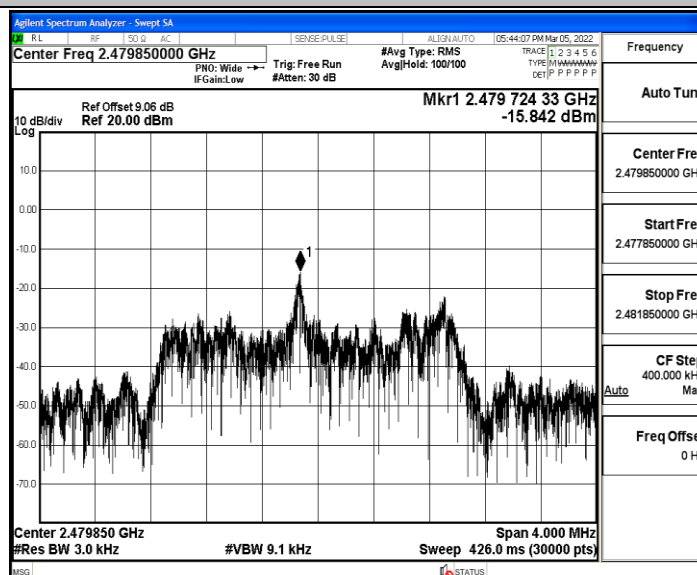
SRD_Ant1_2403.85



SRD_Ant1_2441.85



SRD_Ant1_2479.85

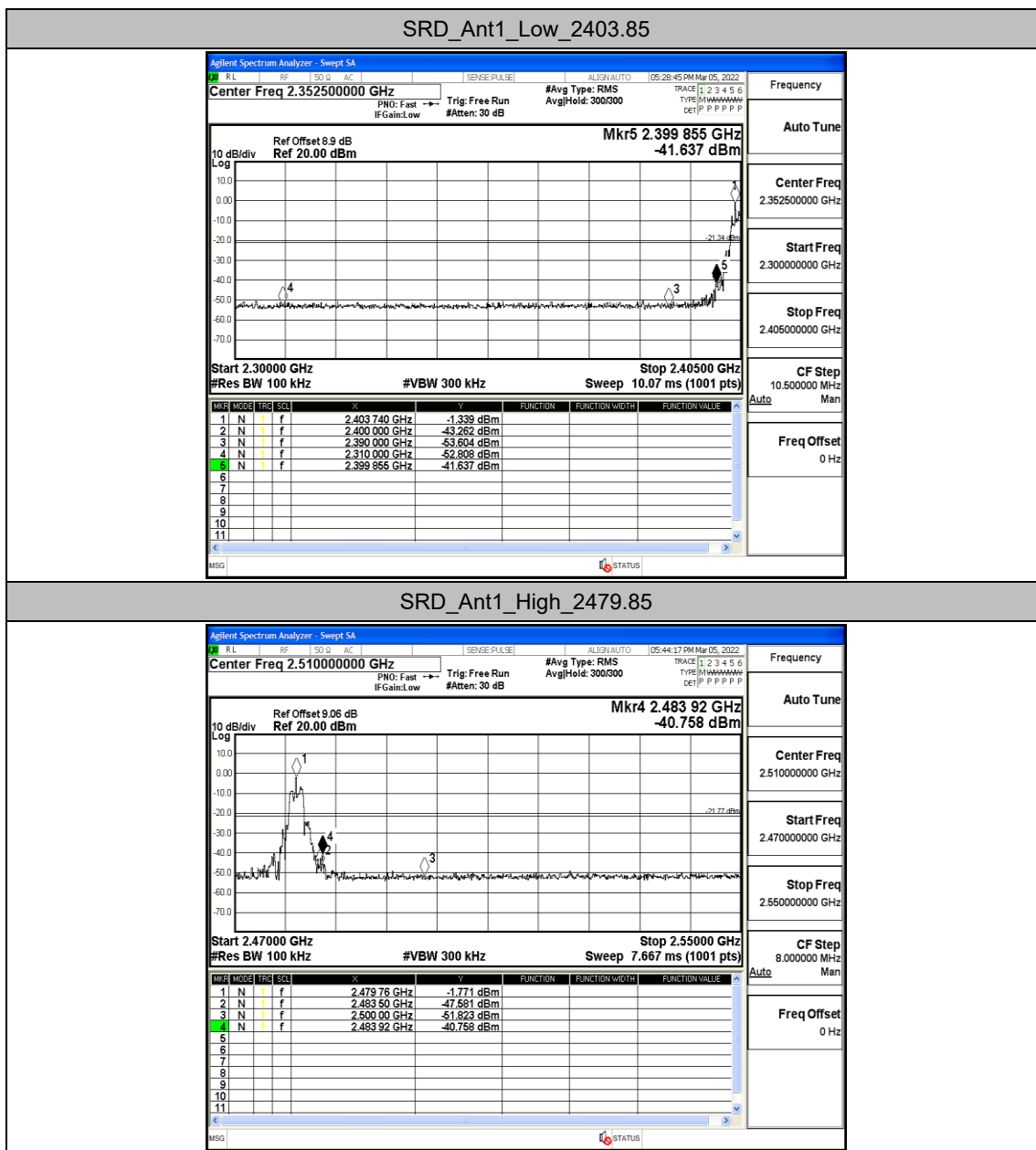


Appendix E: Band edge measurements

Test Result

TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
SRD	Ant1	Low	2403.85	-1.34	-41.64	≤-21.34	PASS
		High	2479.85	-1.77	-40.76	≤-21.77	PASS

Test Graphs

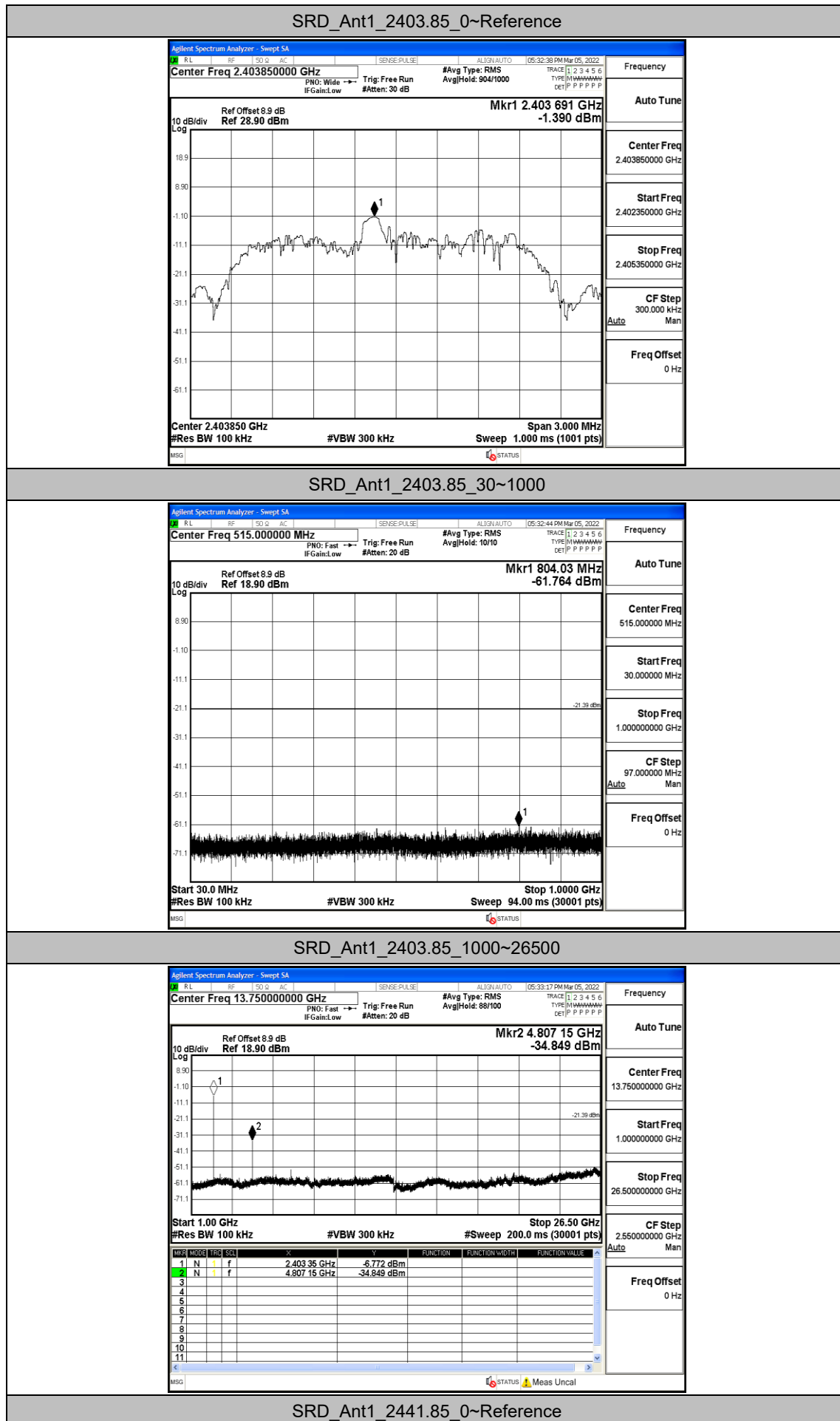


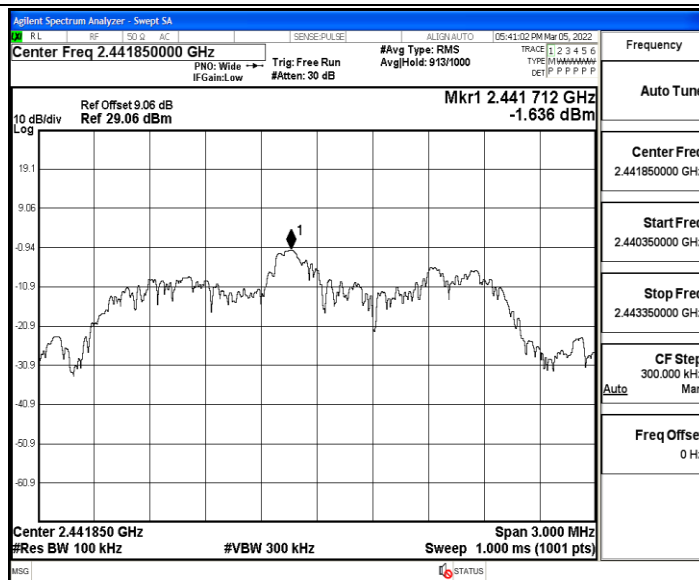
Appendix F: Conducted Spurious Emission

Test Result

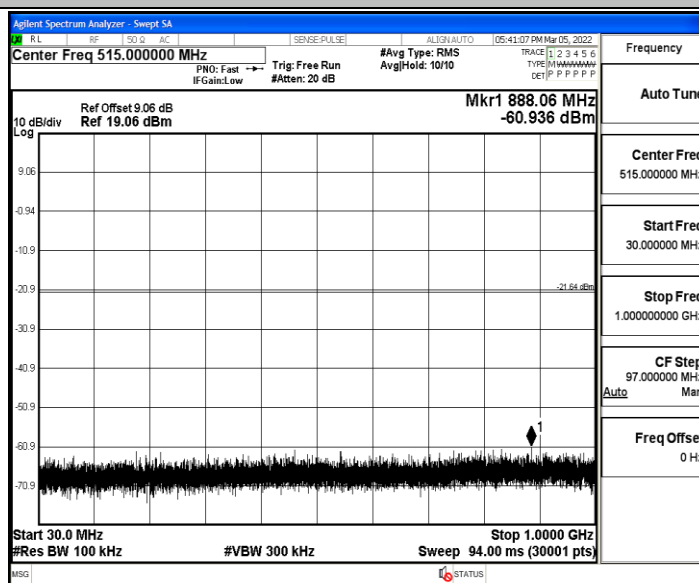
TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
SRD	Ant1	2403.85	Reference	-1.39	-1.39	---	PASS
			30~1000	-1.39	-61.76	≤-21.39	PASS
			1000~26500	-1.39	-34.85	≤-21.39	PASS
		2441.85	Reference	-1.64	-1.64	---	PASS
			30~1000	-1.64	-60.94	≤-21.64	PASS
			1000~26500	-1.64	-34.63	≤-21.64	PASS
		2479.85	Reference	-1.81	-1.81	---	PASS
			30~1000	-1.81	-61.47	≤-21.81	PASS
			1000~26500	-1.81	-37.24	≤-21.81	PASS

Test Graphs

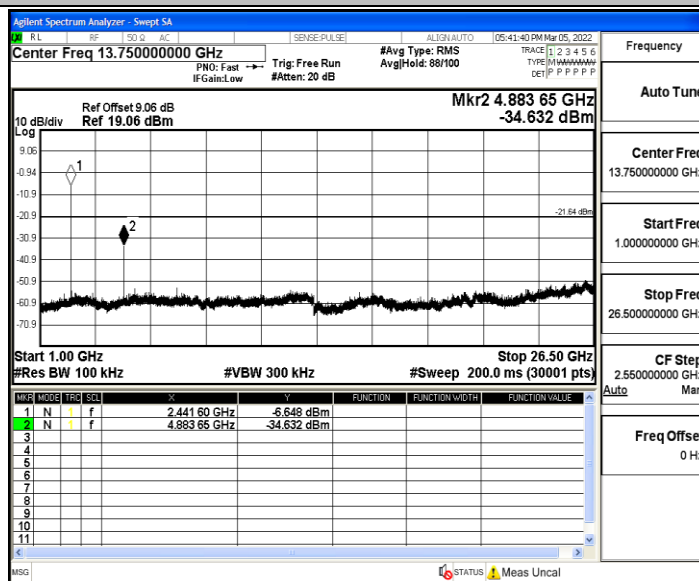




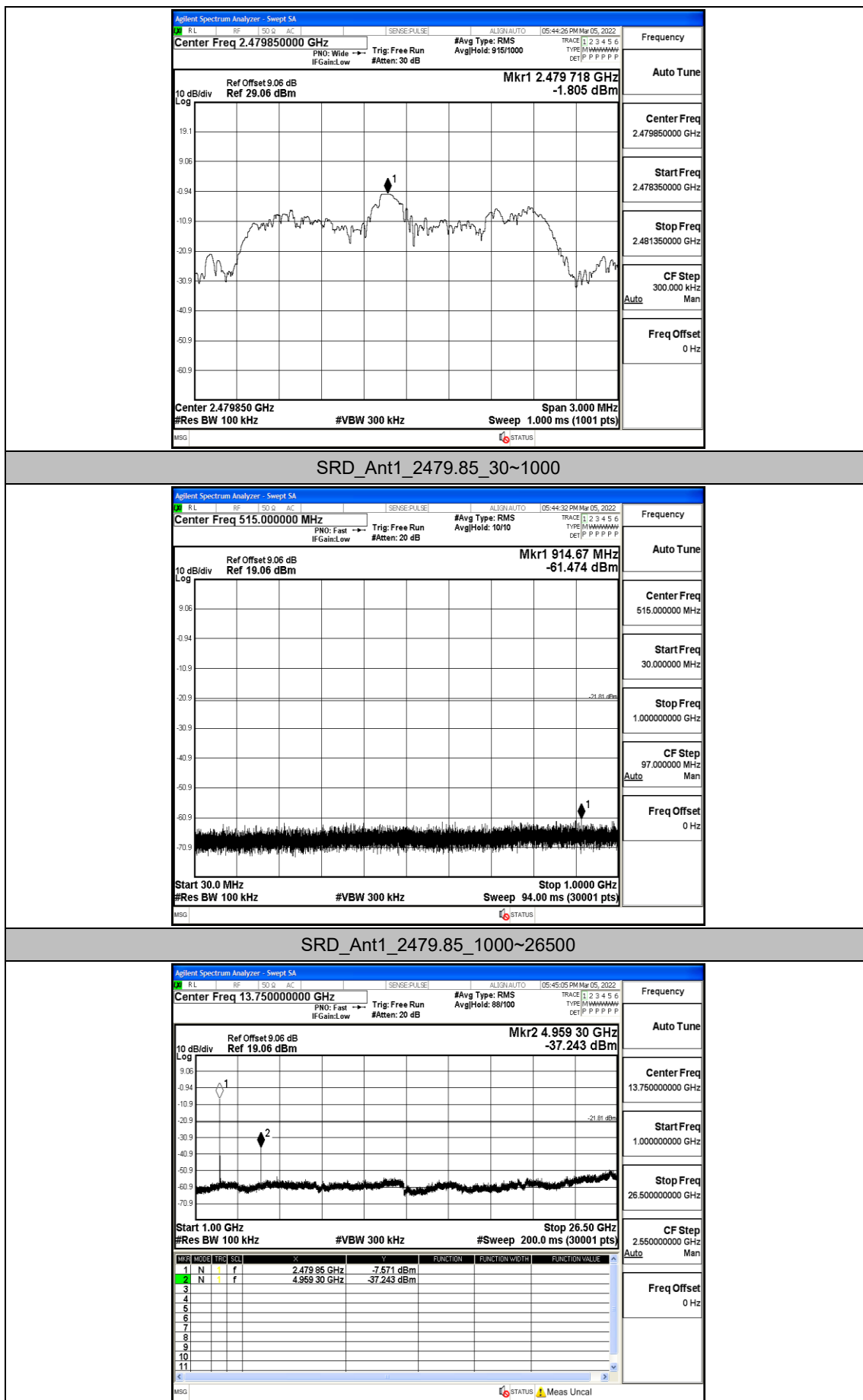
SRD_Ant1_2441.85_30~1000



SRD_Ant1_2441.85_1000~26500



SRD_Ant1_2479.85_0~Reference



Appendix G: Duty Cycle

Test Result

TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	1/T
SRD	Ant1	2403.85	0.12	7.51	1.60	8.33
		2441.85	0.13	7.51	1.73	7.69
		2479.85	0.13	7.52	1.73	7.69

Test Graphs

