

RF Test Data for SRD (Conducted Measurement)

Product Name: Wireless Vertical Ergonomic Mouse

Trade Mark: N/A

Test Model: IWG-SGM01

FCC ID: 2A5DLSG00003

Environmental Conditions

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

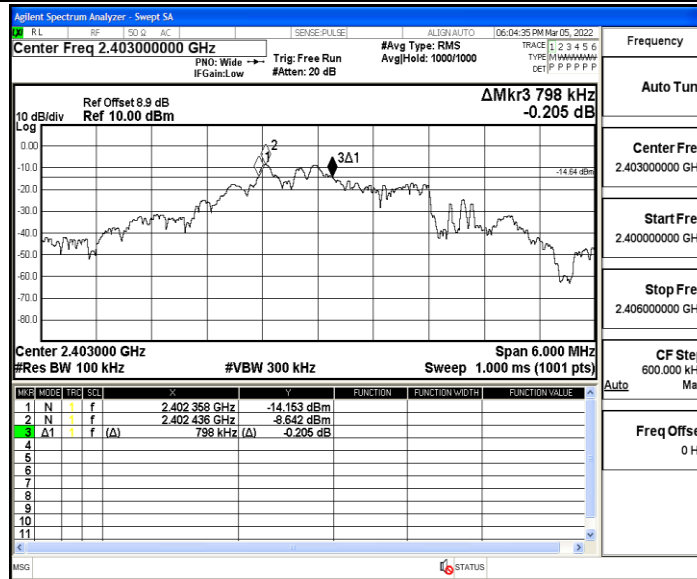
Appendix A: DTS Bandwidth

Test Result

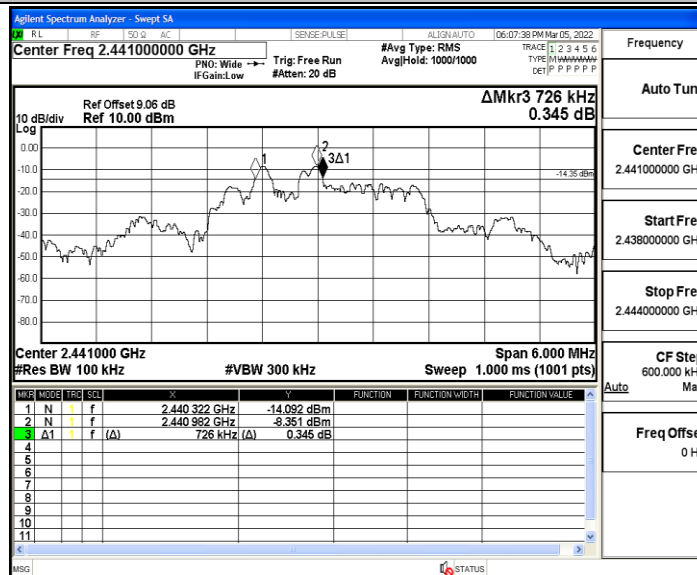
TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
SRD	Ant1	2403	0.798	2402.358	2403.156	0.5	PASS
		2441	0.726	2440.322	2441.048	0.5	PASS
		2480	0.798	2479.304	2480.102	0.5	PASS

Test Graphs

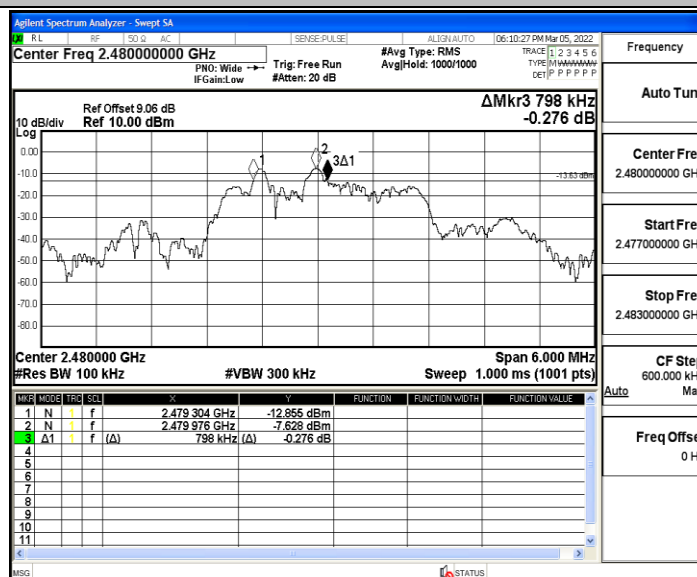
SRD_Ant1_2403



SRD_Ant1_2441



SRD_Ant1_2480

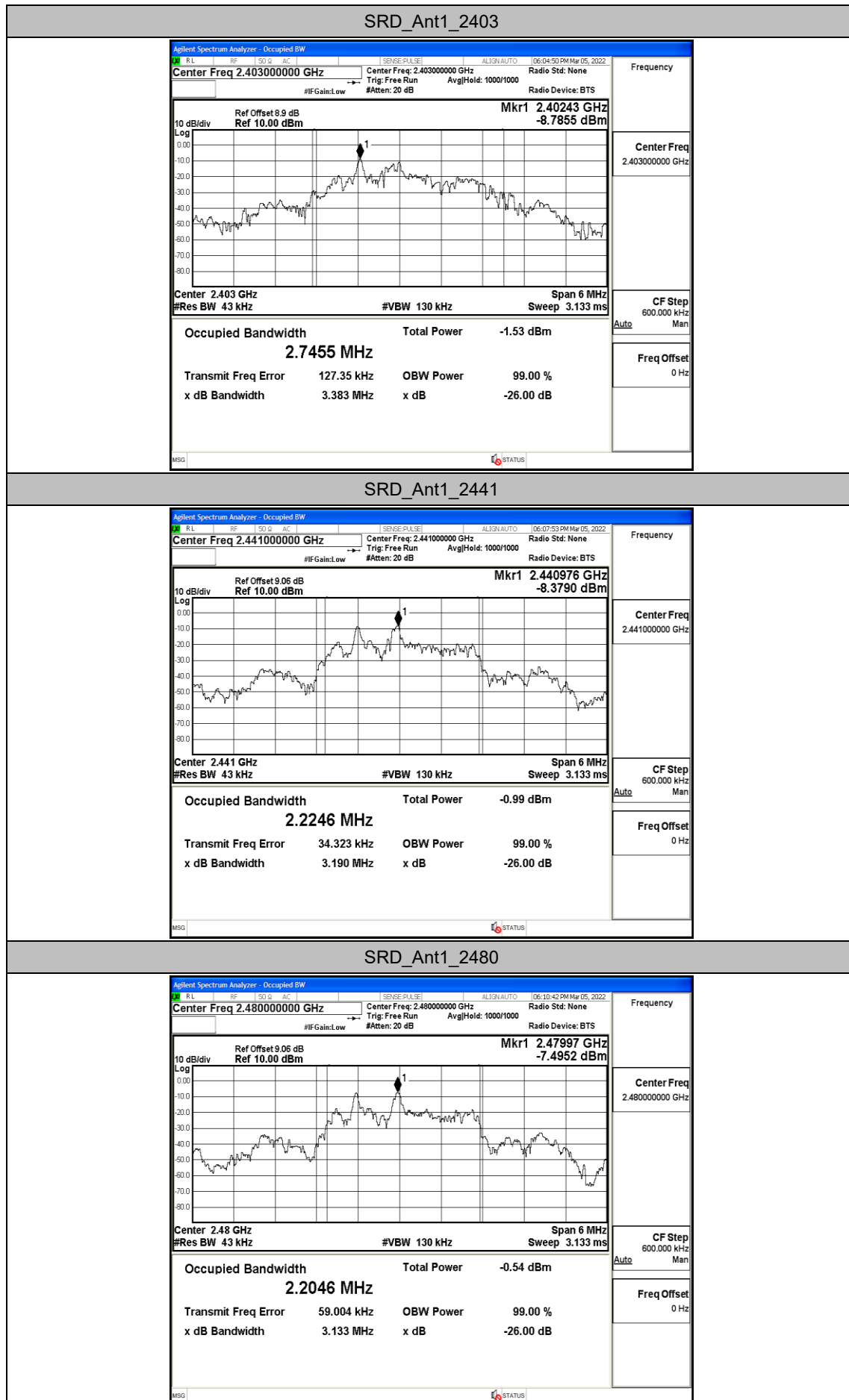


Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
SRD	Ant1	2403	2.7455	2401.755	2404.500	---	---
		2441	2.2246	2439.922	2442.147	---	---
		2480	2.2046	2478.957	2481.161	---	---

Test Graphs

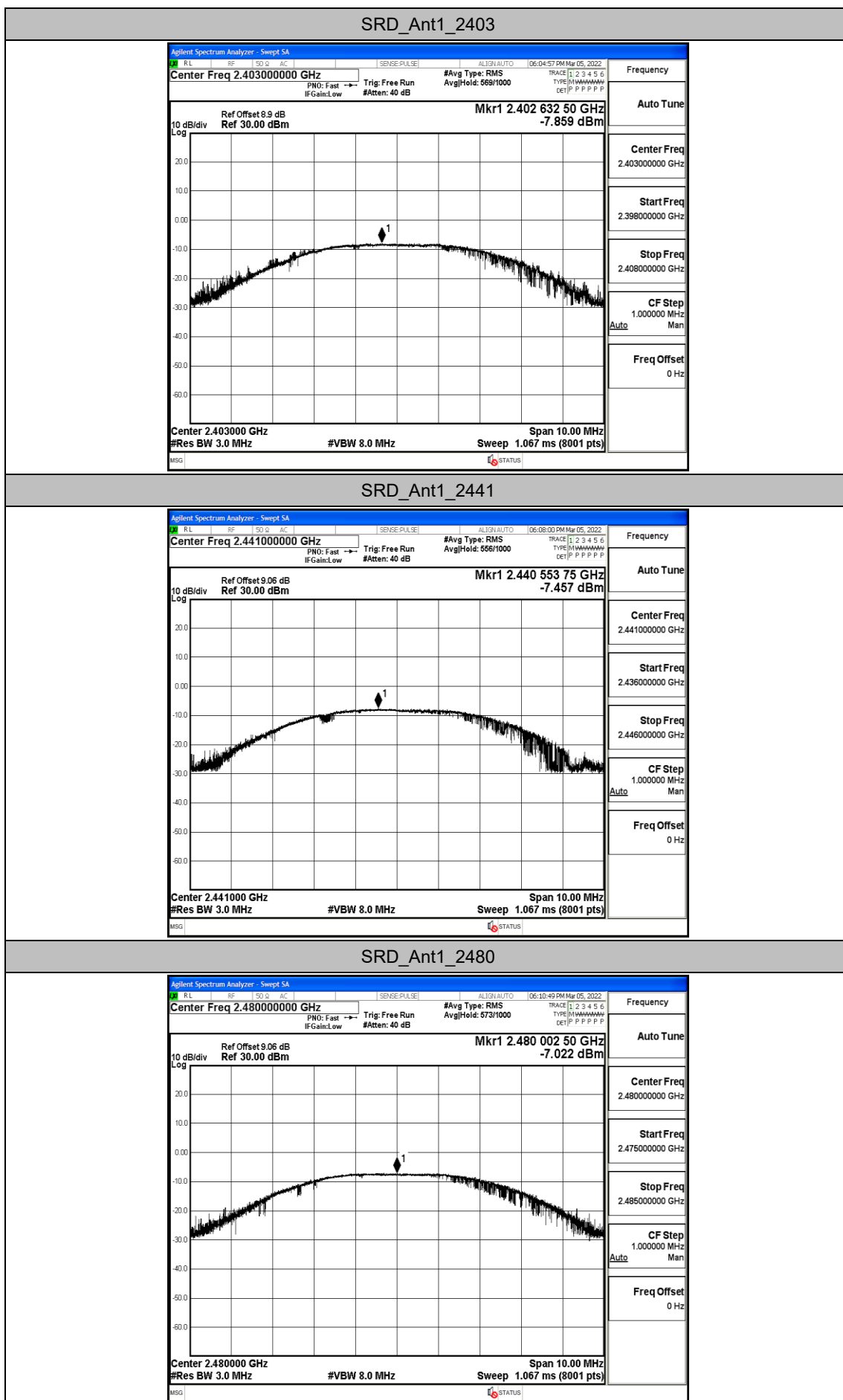


Appendix C: Maximum conducted output power

Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
SRD	Ant1	2403	-7.86	≤30	PASS
		2441	-7.46	≤30	PASS
		2480	-7.02	≤30	PASS

Test Graphs

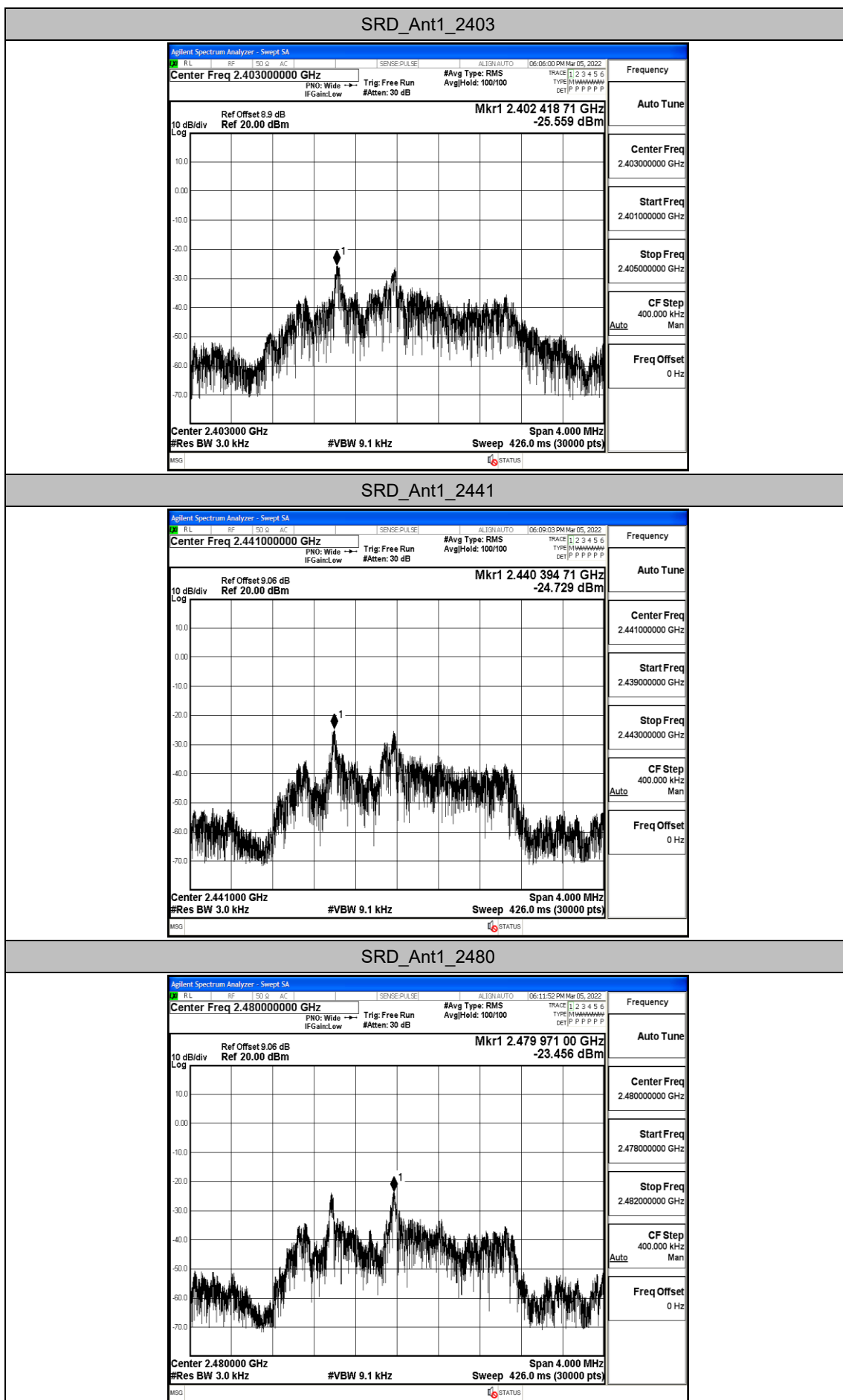


Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
SRD	Ant1	2403	-25.56	≤8.00	PASS
		2441	-24.73	≤8.00	PASS
		2480	-23.46	≤8.00	PASS

Test Graphs

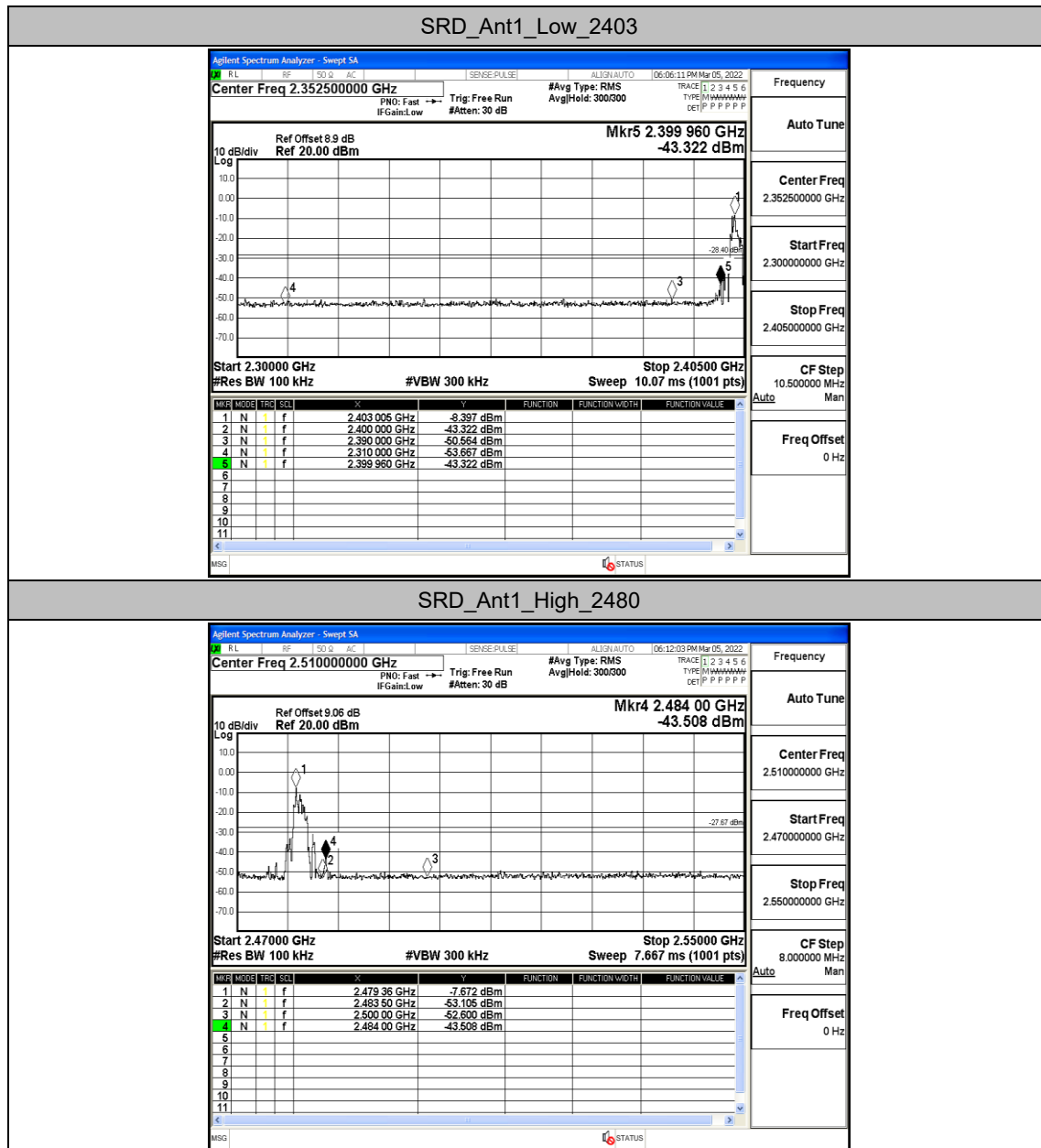


Appendix E: Band edge measurements

Test Result

TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
SRD	Ant1	Low	2403	-8.40	-43.32	≤-28.4	PASS
		High	2480	-7.67	-43.51	≤-27.67	PASS

Test Graphs

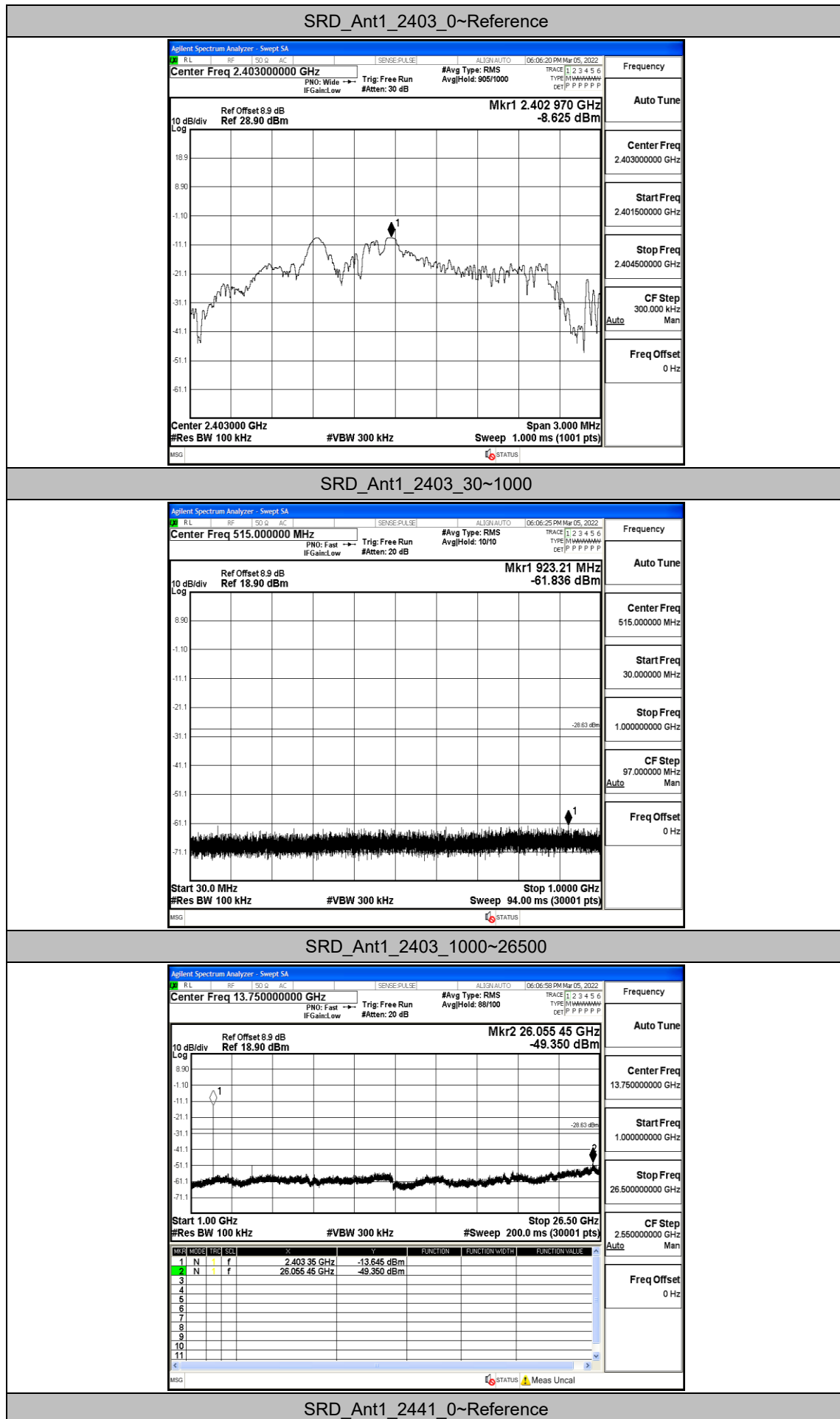


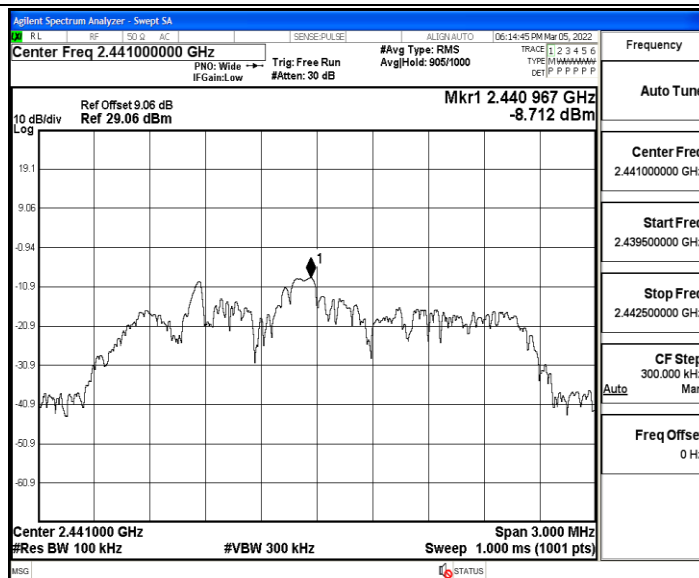
Appendix F: Conducted Spurious Emission

Test Result

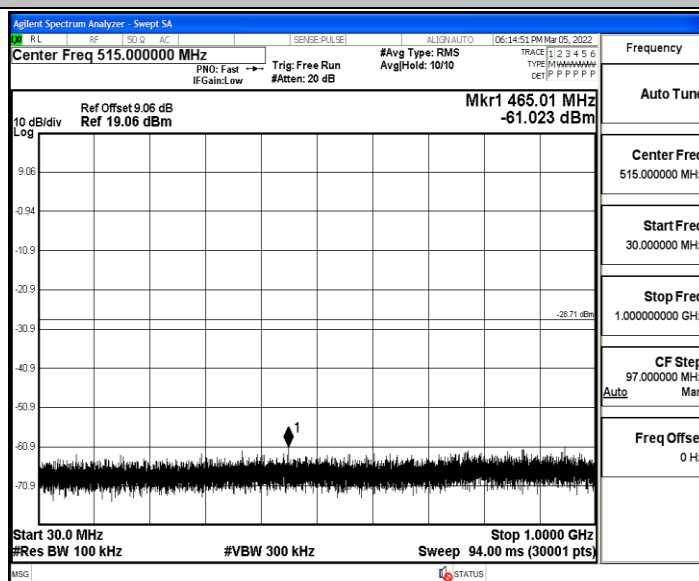
TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
SRD	Ant1	2403	Reference	-8.63	-8.63	---	PASS
			30~1000	-8.63	-61.84	≤-28.63	PASS
			1000~26500	-8.63	-49.35	≤-28.63	PASS
		2441	Reference	-8.71	-8.71	---	PASS
			30~1000	-8.71	-61.02	≤-28.71	PASS
			1000~26500	-8.71	-46.84	≤-28.71	PASS
		2480	Reference	-7.72	-7.72	---	PASS
			30~1000	-7.72	-60.7	≤-27.72	PASS
			1000~26500	-7.72	-50.27	≤-27.72	PASS

Test Graphs

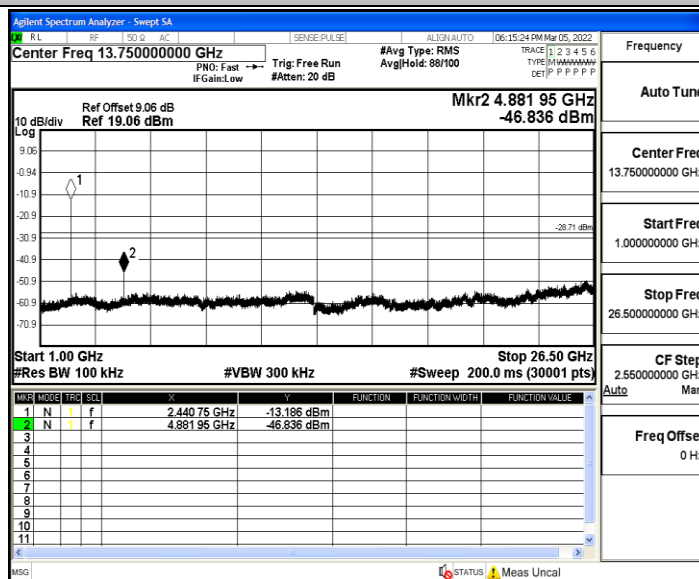




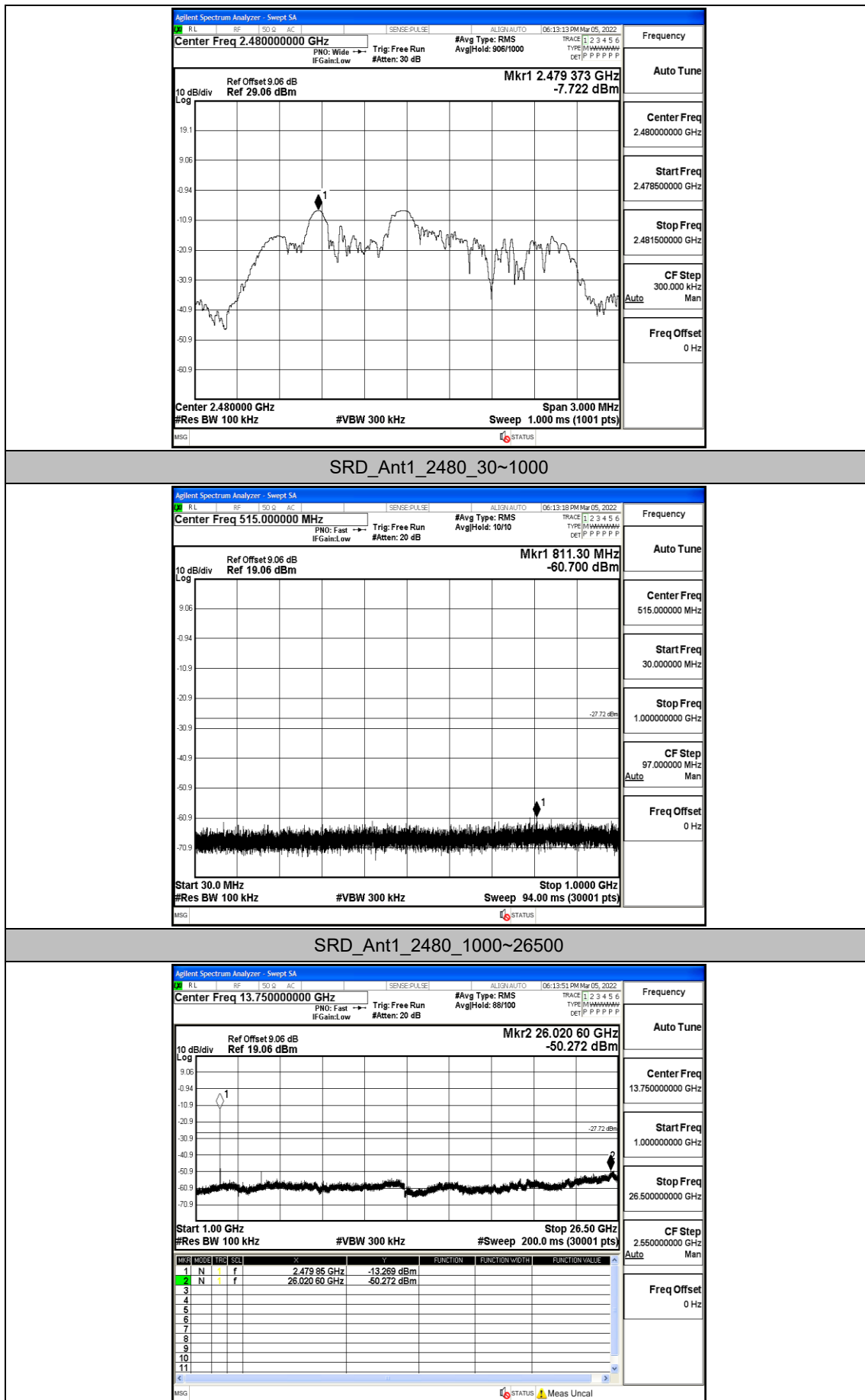
SRD_Ant1_2441_30~1000



SRD_Ant1_2441_1000~26500



SRD_Ant1_2480_0~Reference



Appendix G: Duty Cycle

Test Result

TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	1/T
SRD	Ant1	2403	0.13	7.55	1.72	7.69
		2441	0.13	7.55	1.72	7.69
		2480	0.13	7.55	1.72	7.69

Test Graphs

