

RF Test Data for SRD (Conducted Measurement)

Product Name: Wireless Mouse

Trade Mark: ABLENET

Test Model: 10090401

FCC ID: MN310090401

Environmental Conditions

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

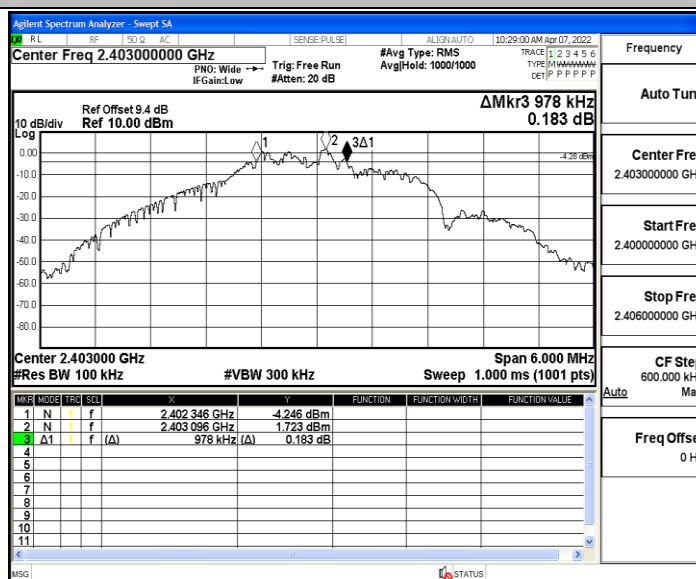
Appendix A: DTS Bandwidth

Test Result

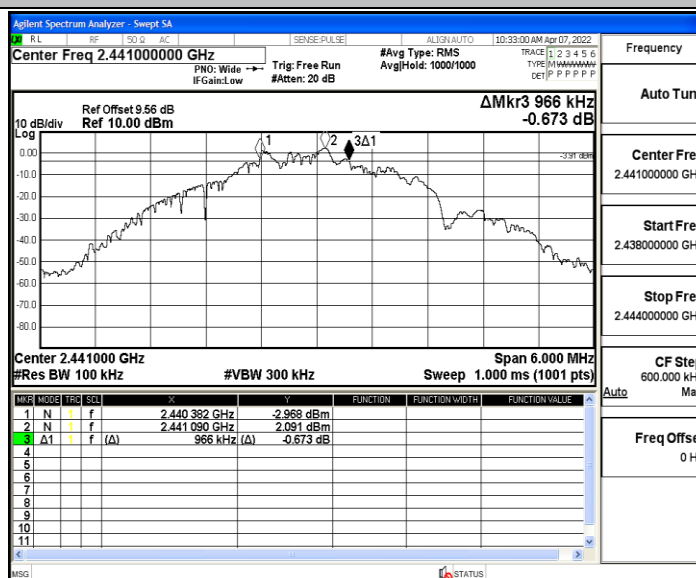
TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
SRD	Ant1	2403	0.978	2402.346	2403.324	0.5	PASS
		2441	0.966	2440.382	2441.348	0.5	PASS
		2480	1.110	2479.238	2480.348	0.5	PASS

Test Graphs

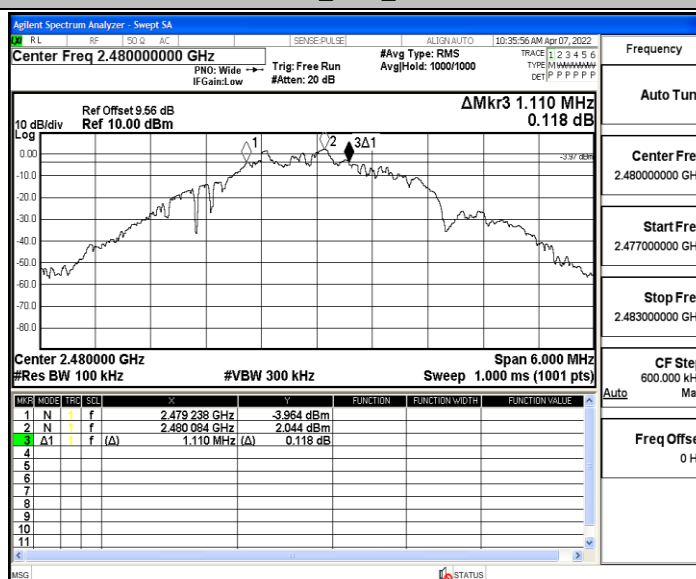
SRD_Ant1_2403



SRD_Ant1_2441



SRD_Ant1_2480

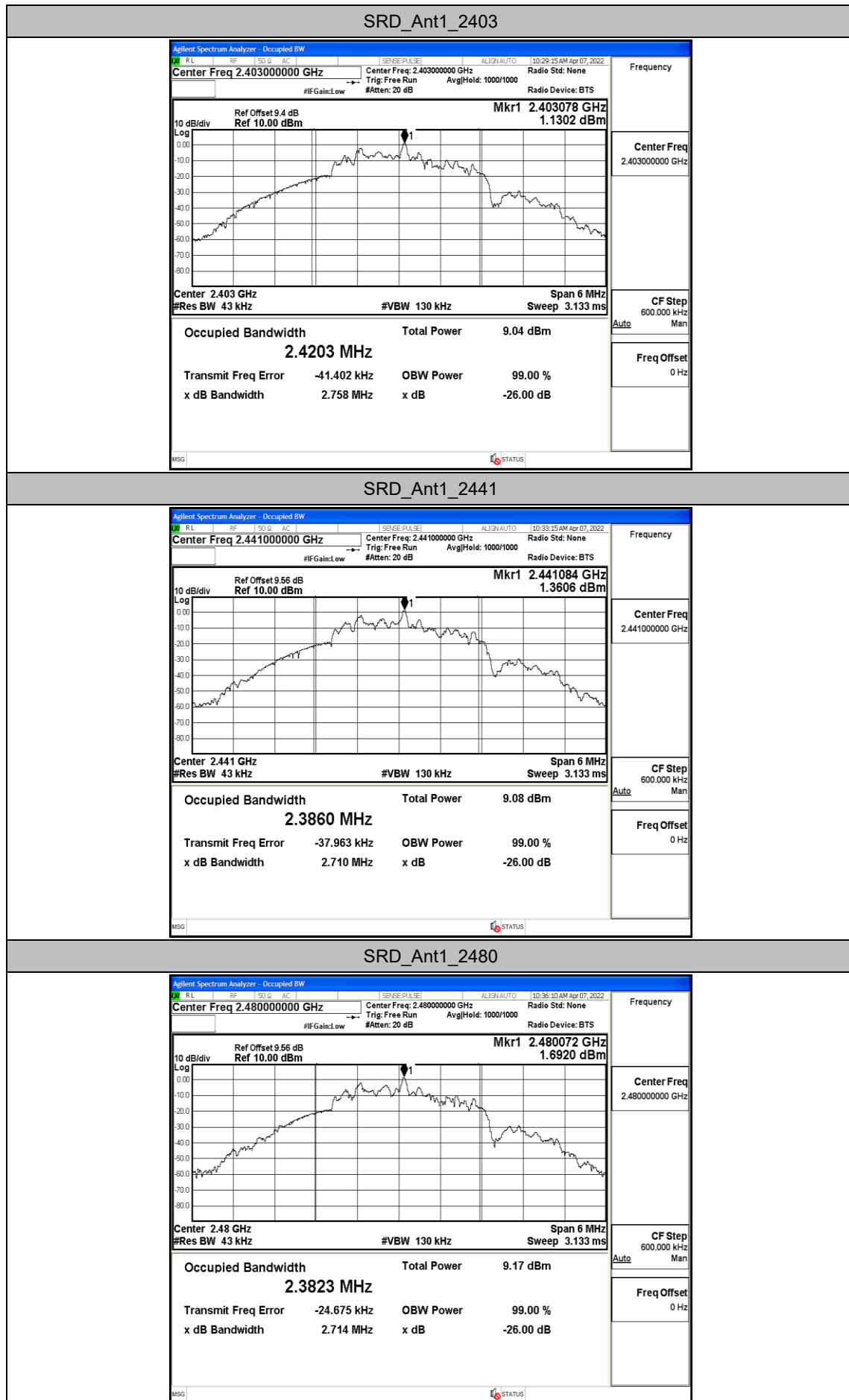


Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
SRD	Ant1	2403	2.4203	2401.748	2404.169	---	---
		2441	2.3860	2439.769	2442.155	---	---
		2480	2.3823	2478.784	2481.166	---	---

Test Graphs

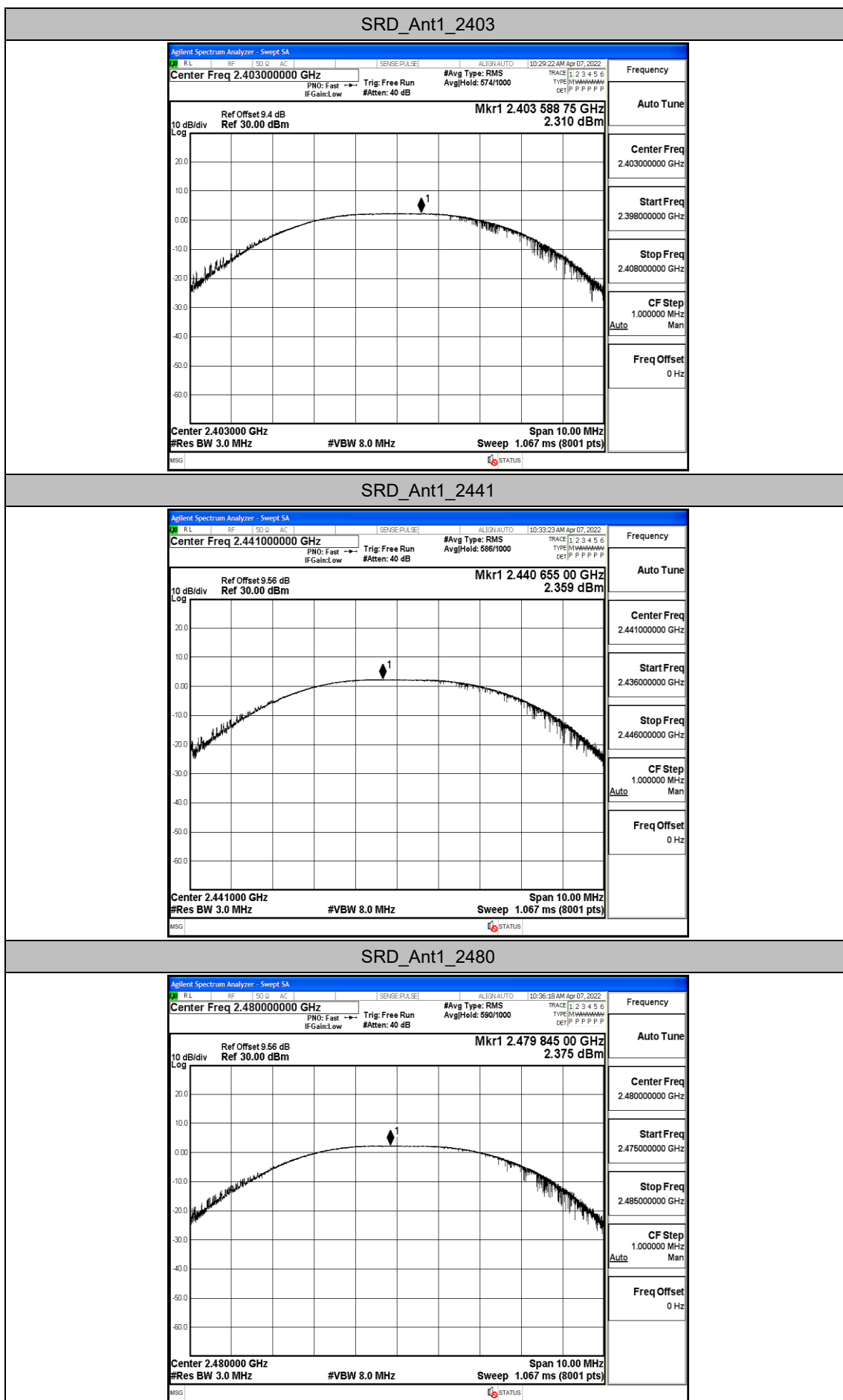


Appendix C: Maximum conducted output power

Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
SRD	Ant1	2403	2.31	≤30	PASS
		2441	2.36	≤30	PASS
		2480	2.38	≤30	PASS

Test Graphs

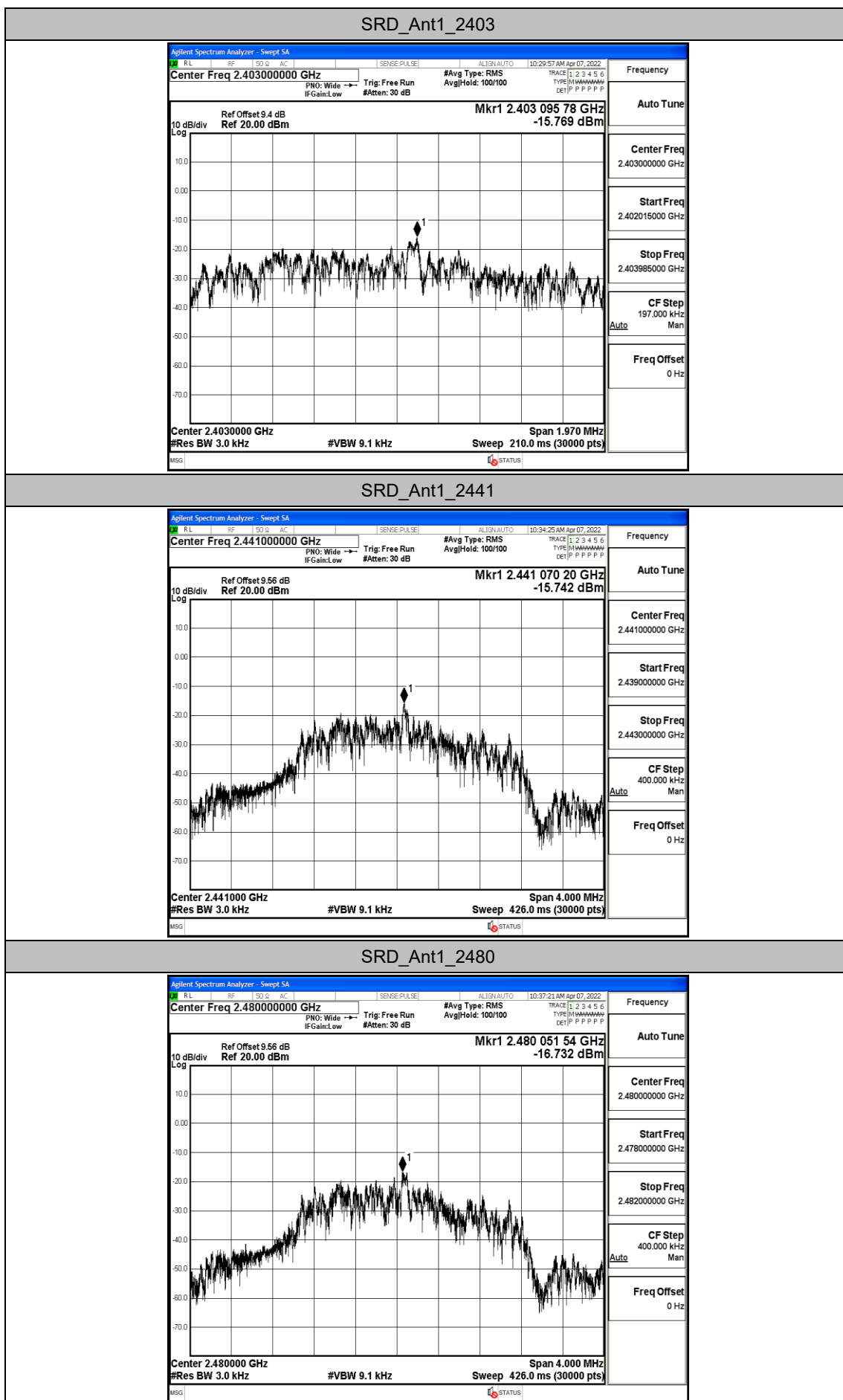


Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
SRD	Ant1	2403	-15.77	≤8.00	PASS
		2441	-15.74	≤8.00	PASS
		2480	-16.73	≤8.00	PASS

Test Graphs

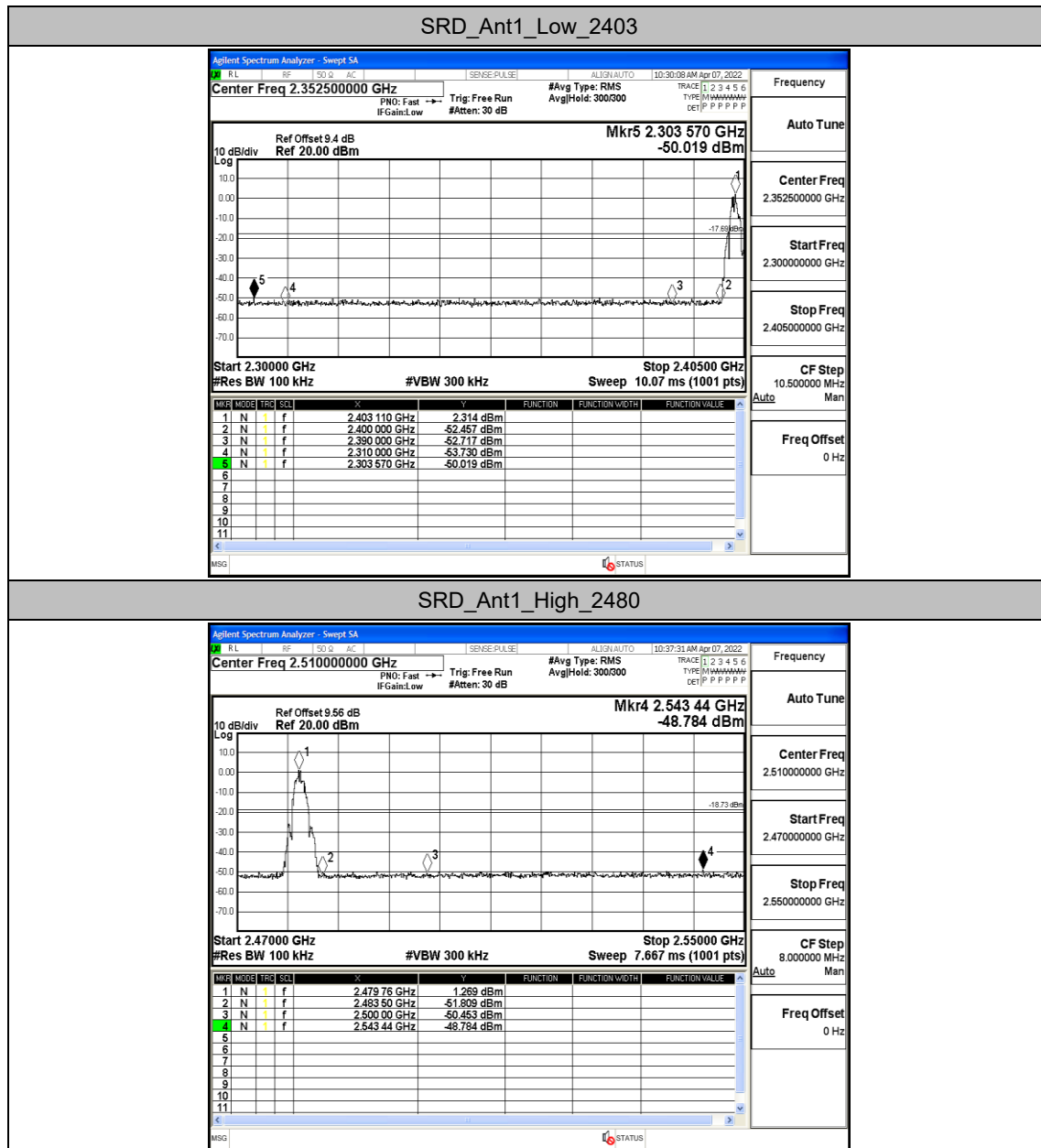


Appendix E: Band edge measurements

Test Result

TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
SRD	Ant1	Low	2403	2.31	-50.02	≤-17.69	PASS
		High	2480	1.27	-48.78	≤-18.73	PASS

Test Graphs

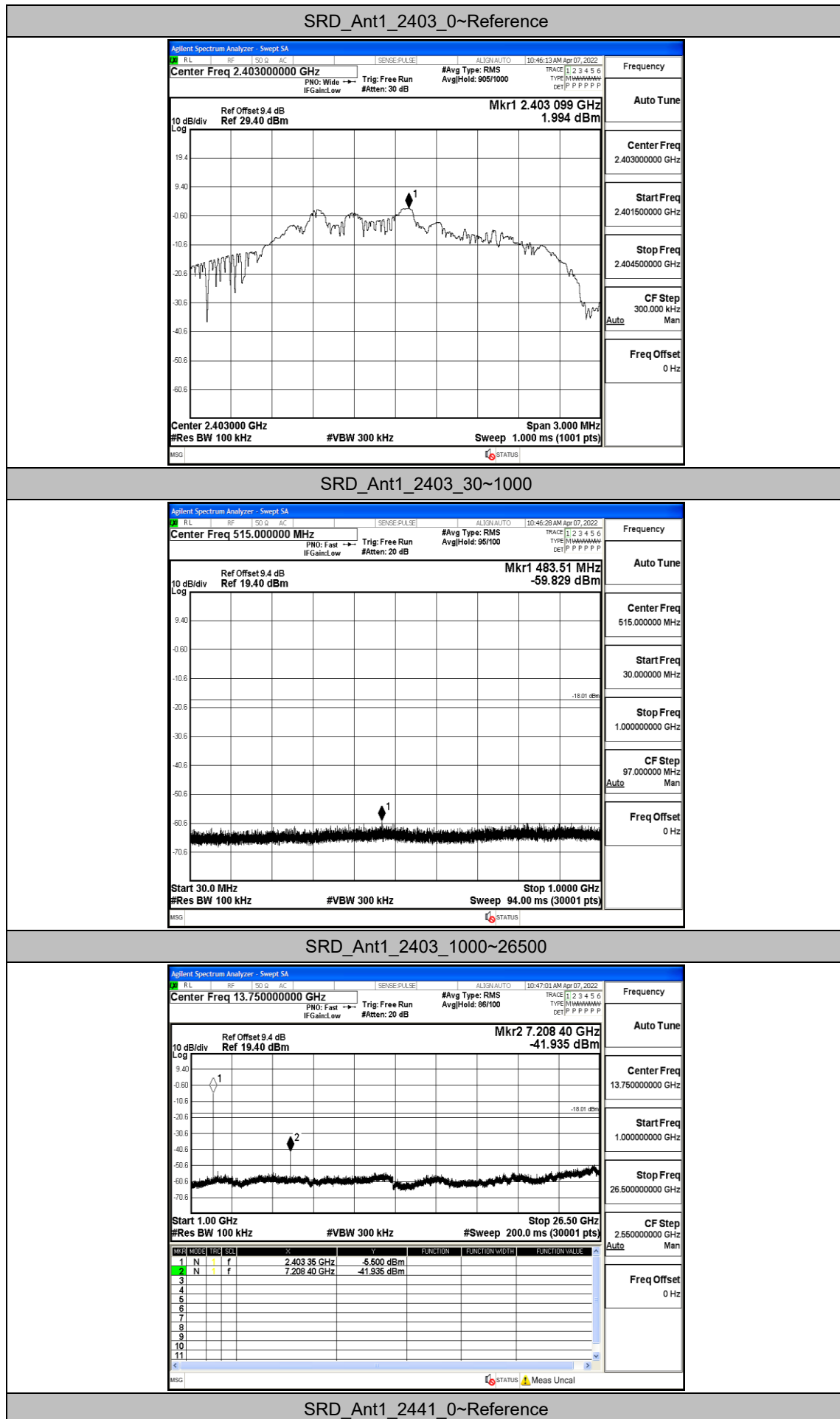


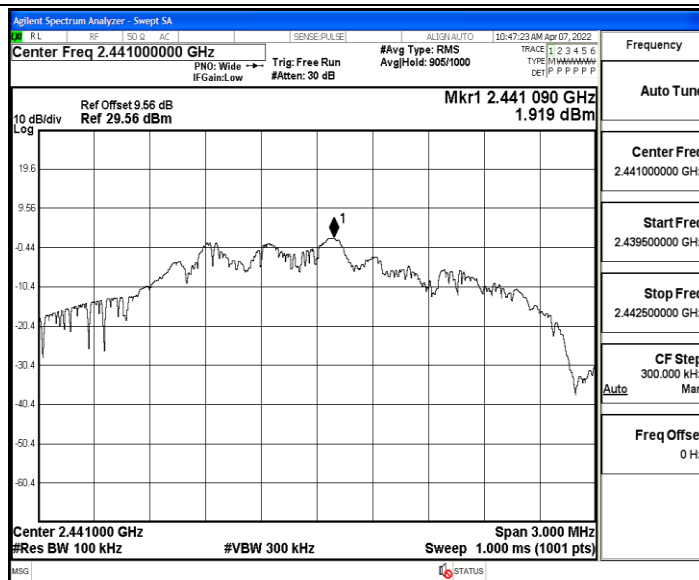
Appendix F: Conducted Spurious Emission

Test Result

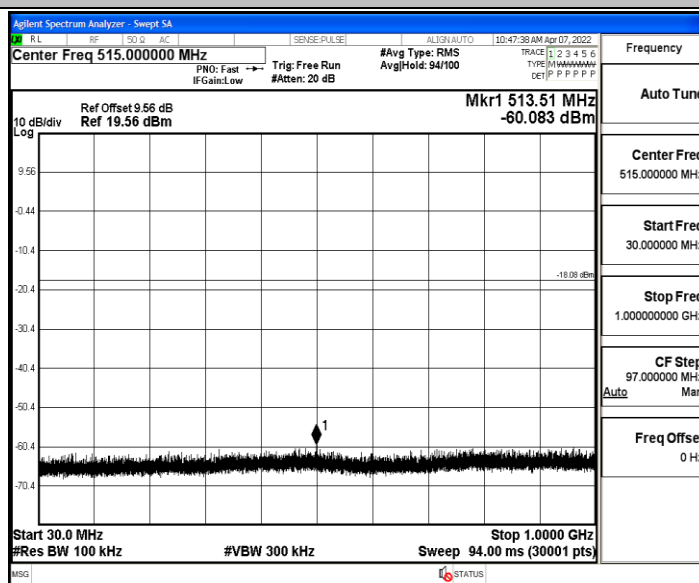
TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
SRD	Ant1	2403	Reference	1.99	1.99	---	PASS
			30~1000	1.99	-59.83	≤-18.01	PASS
			1000~26500	1.99	-41.94	≤-18.01	PASS
		2441	Reference	1.92	1.92	---	PASS
			30~1000	1.92	-60.08	≤-18.08	PASS
			1000~26500	1.92	-49.8	≤-18.08	PASS
		2480	Reference	2.05	2.05	---	PASS
			30~1000	2.05	-60.37	≤-17.95	PASS
			1000~26500	2.05	-45.87	≤-17.95	PASS

Test Graphs

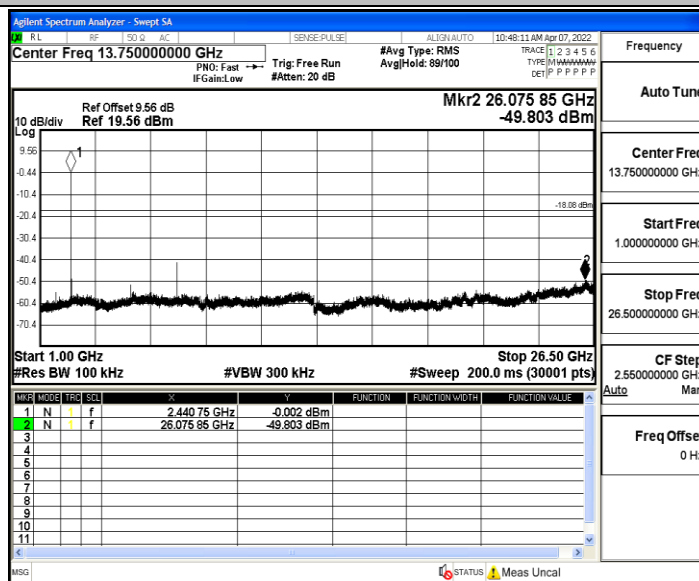




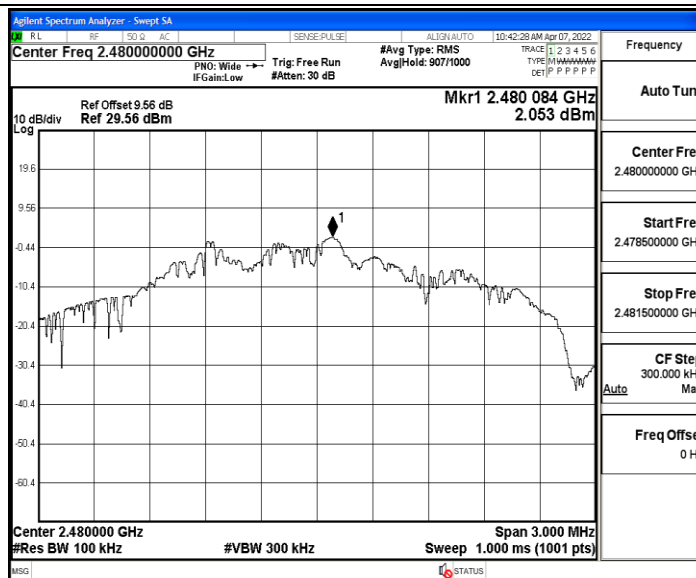
SRD_Ant1_2441_30~1000



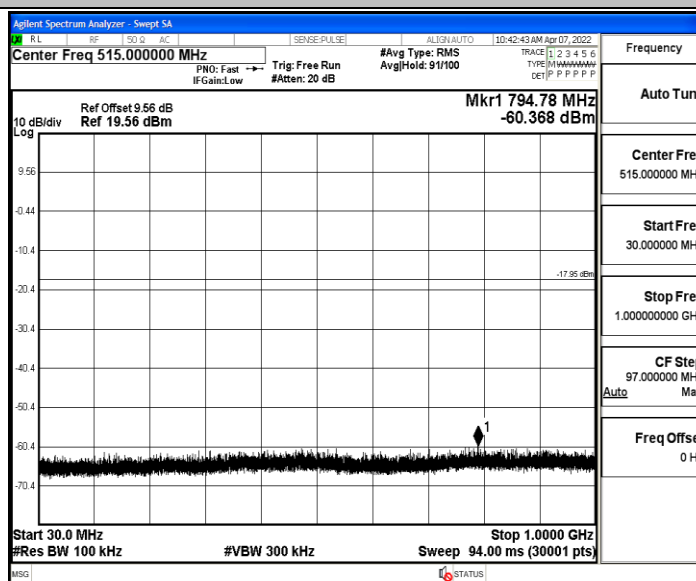
SRD_Ant1_2441_1000~26500



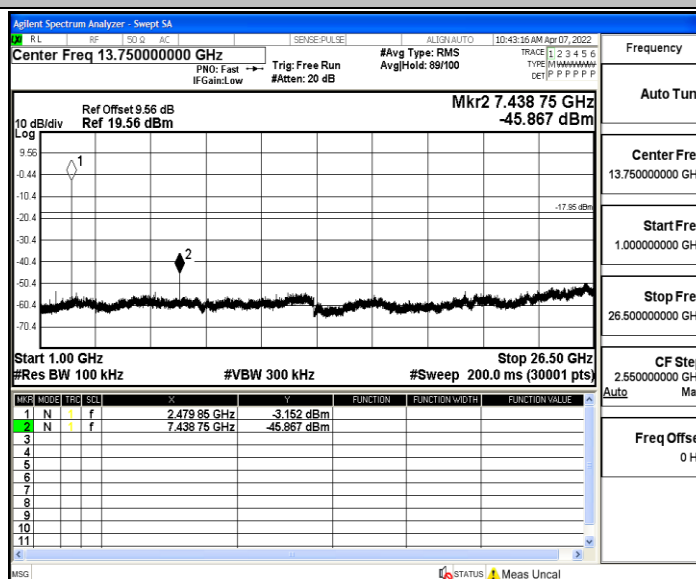
SRD_Ant1_2480_0~Reference



SRD_Ant1_2480_30~1000



SRD_Ant1_2480_1000~26500



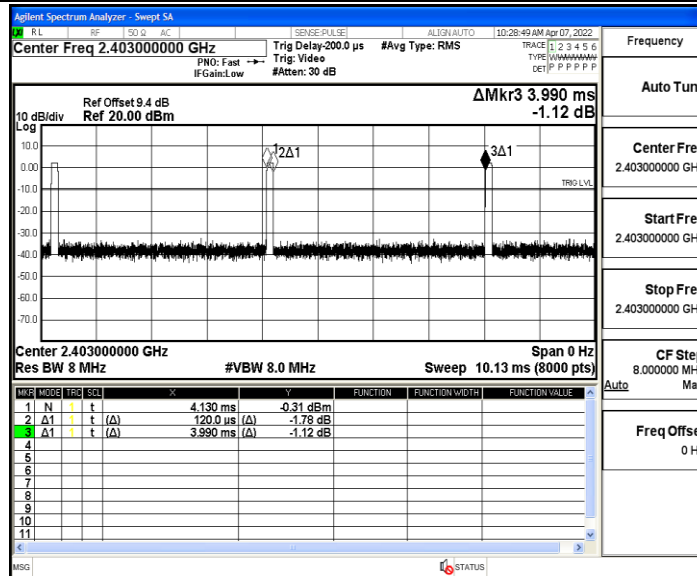
Appendix G: Duty Cycle

Test Result

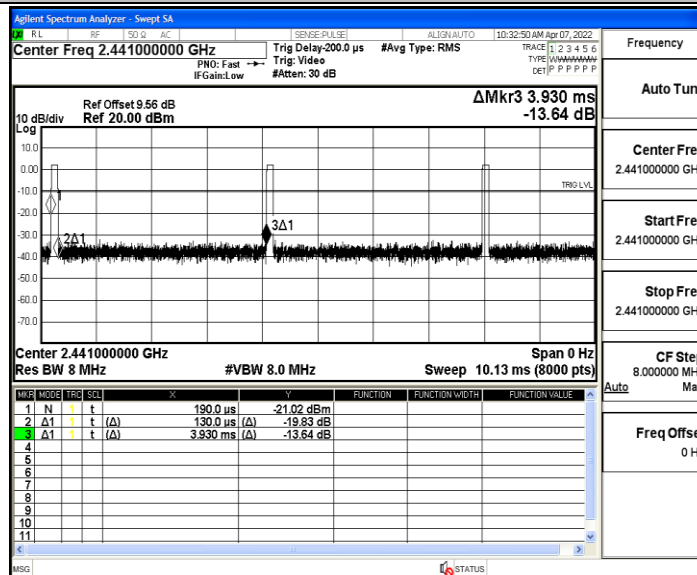
TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	1/T
SRD	Ant1	2403	0.12	3.99	3.01	8.33
		2441	0.13	3.93	3.31	7.69
		2480	0.13	3.94	3.30	7.69

Test Graphs

SRD_Ant1_2403



SRD_Ant1_2441



SRD_Ant1_2480

