

Appendix Test Data for SRD (Conducted Measurement)

Product Name: Wireless USB Dongle

Trade Mark: /

Test Model: UD17

FCC ID: 2BH5Z-UD17

Environmental Conditions

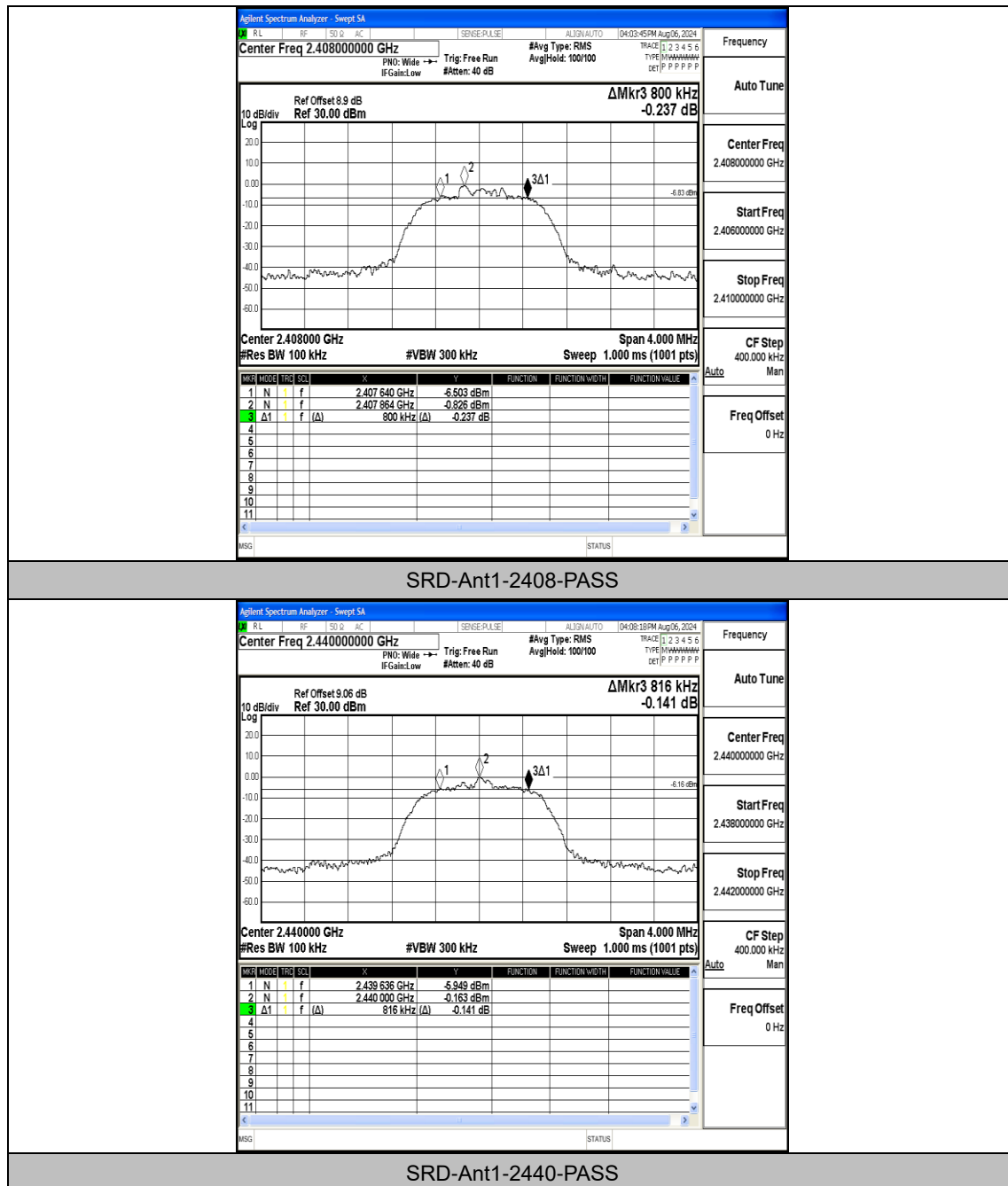
Temperature:	23.8℃
Relative Humidity:	58%
ATM Pressure:	100.0 kPa
Test Engineer:	Allen Lai
Supervised by:	Hugo Chen
NOTE	N/A

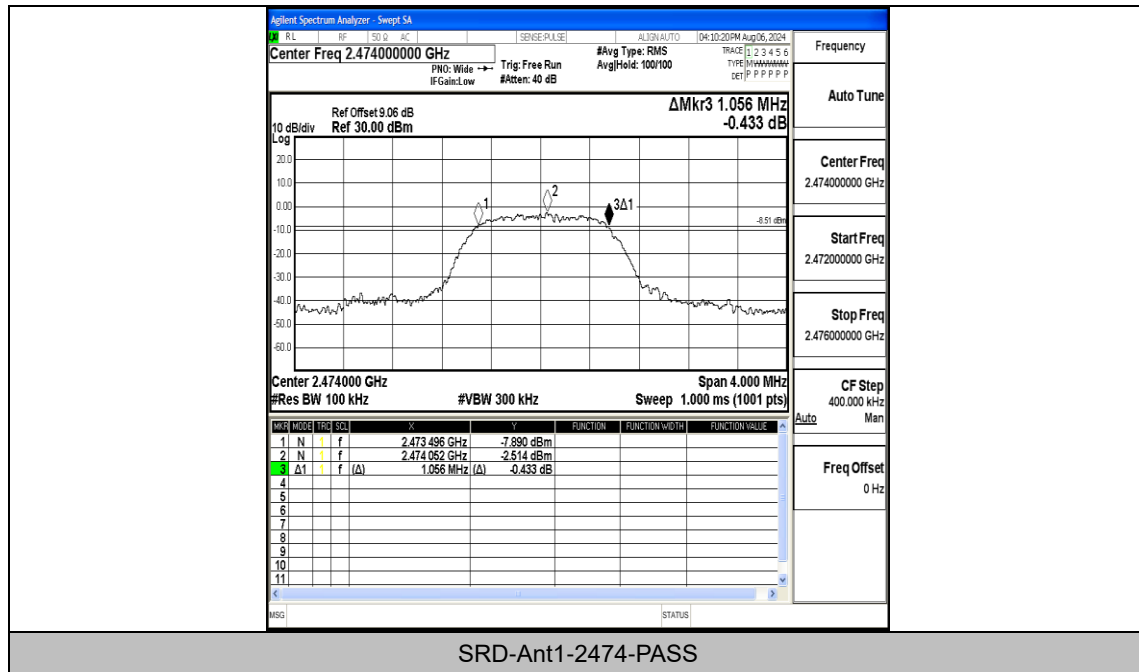
Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
SRD	Ant1	2408	0.800	2407.640	2408.440	0.5	PASS
SRD	Ant1	2440	0.816	2439.636	2440.452	0.5	PASS
SRD	Ant1	2474	1.056	2473.496	2474.552	0.5	PASS

Test Graphs



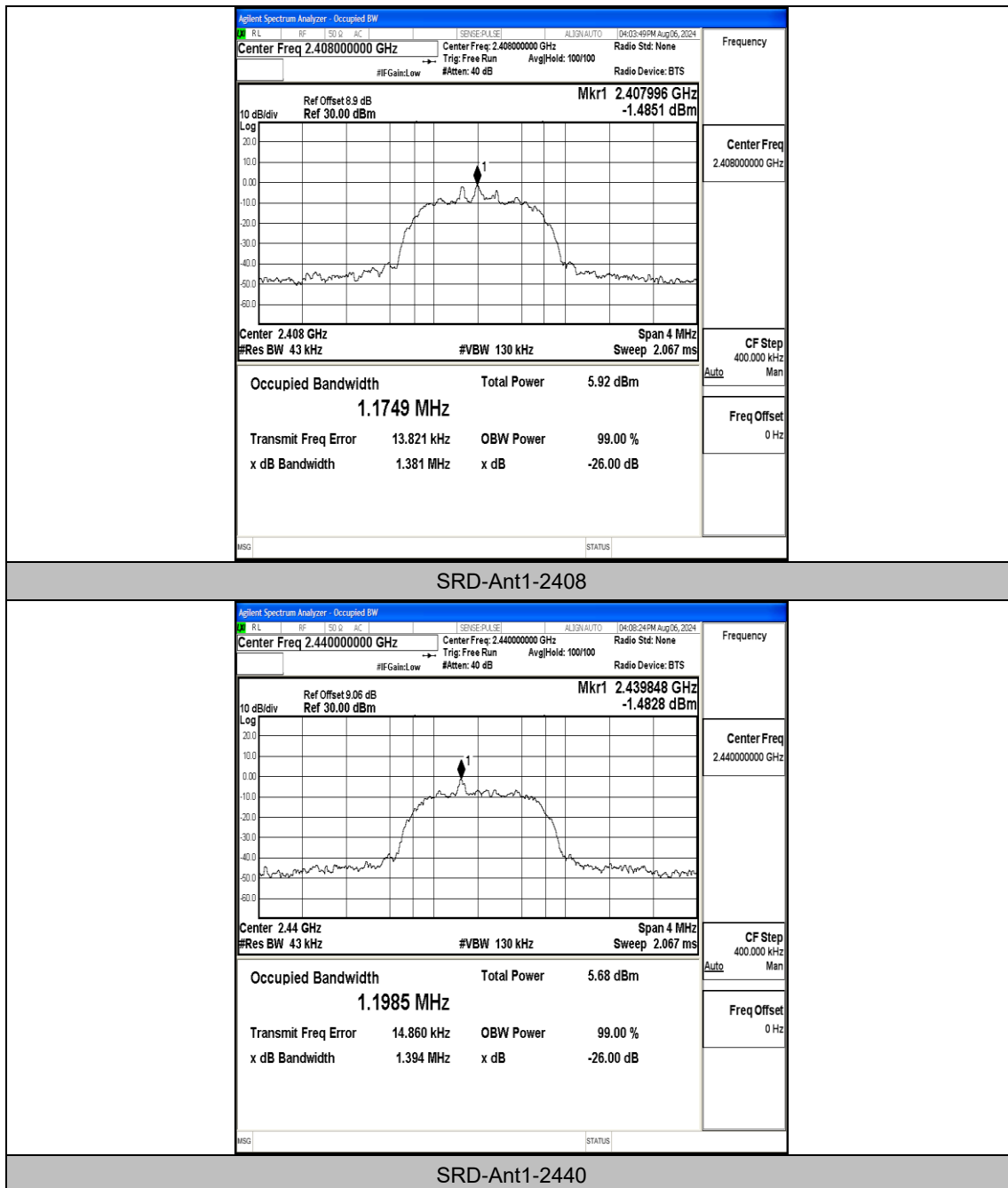


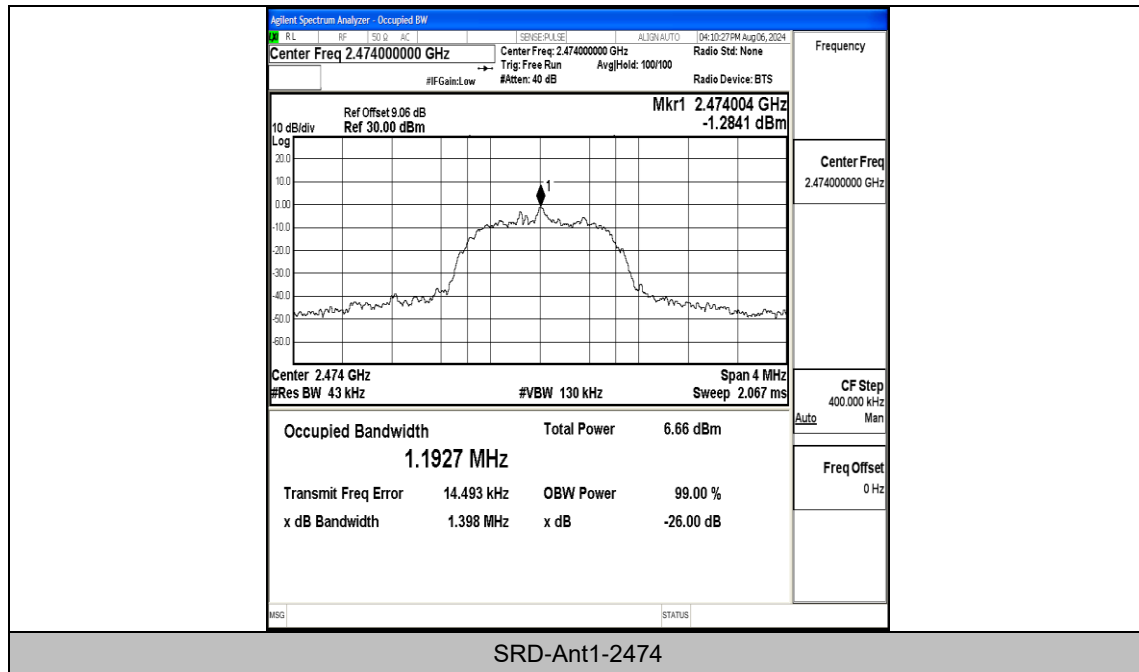
Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
SRD	Ant1	2408	1.1749	2407.4264	2408.6013	---	---
SRD	Ant1	2440	1.1985	2439.4156	2440.6141	---	---
SRD	Ant1	2474	1.1927	2473.4181	2474.6108	---	---

Test Graphs



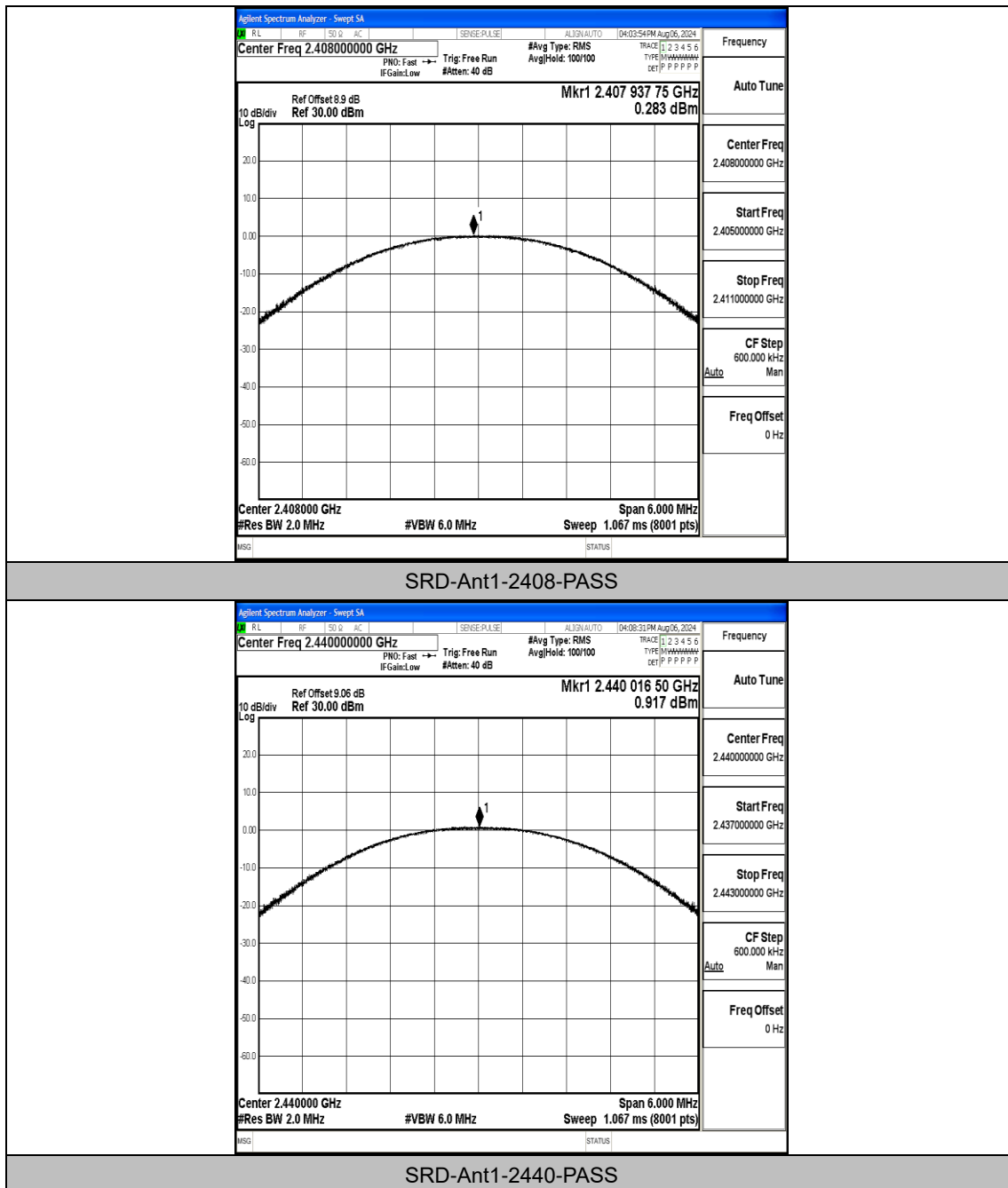


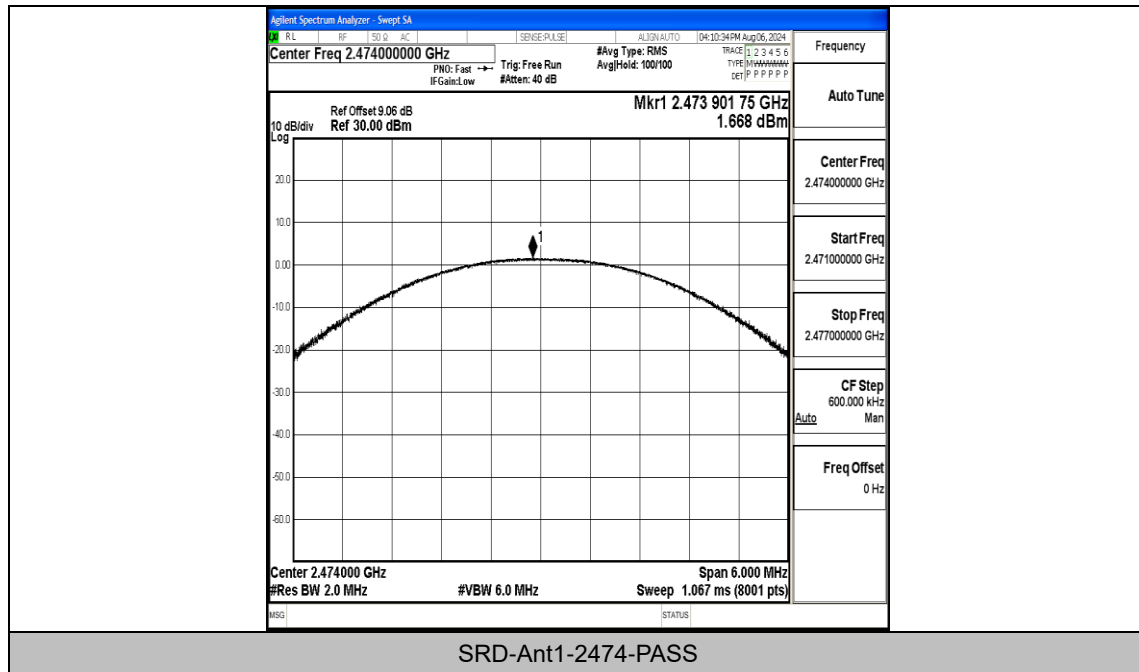
Appendix C: Maximum peak conducted output power

Test Result Peak

TestMode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
SRD	Ant1	2408	0.28	≤30	PASS
SRD	Ant1	2440	0.92	≤30	PASS
SRD	Ant1	2474	1.67	≤30	PASS

Test Graphs Peak



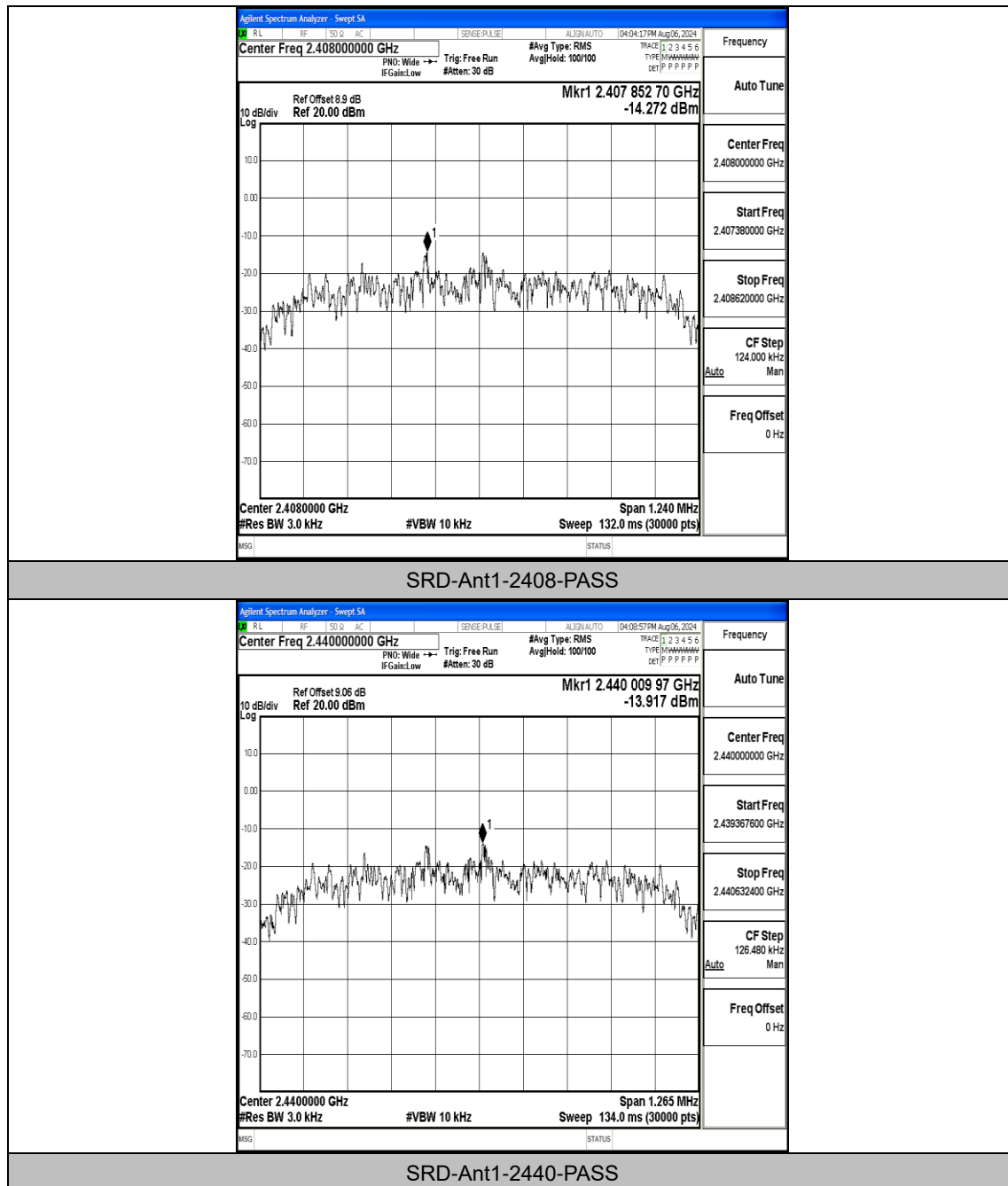


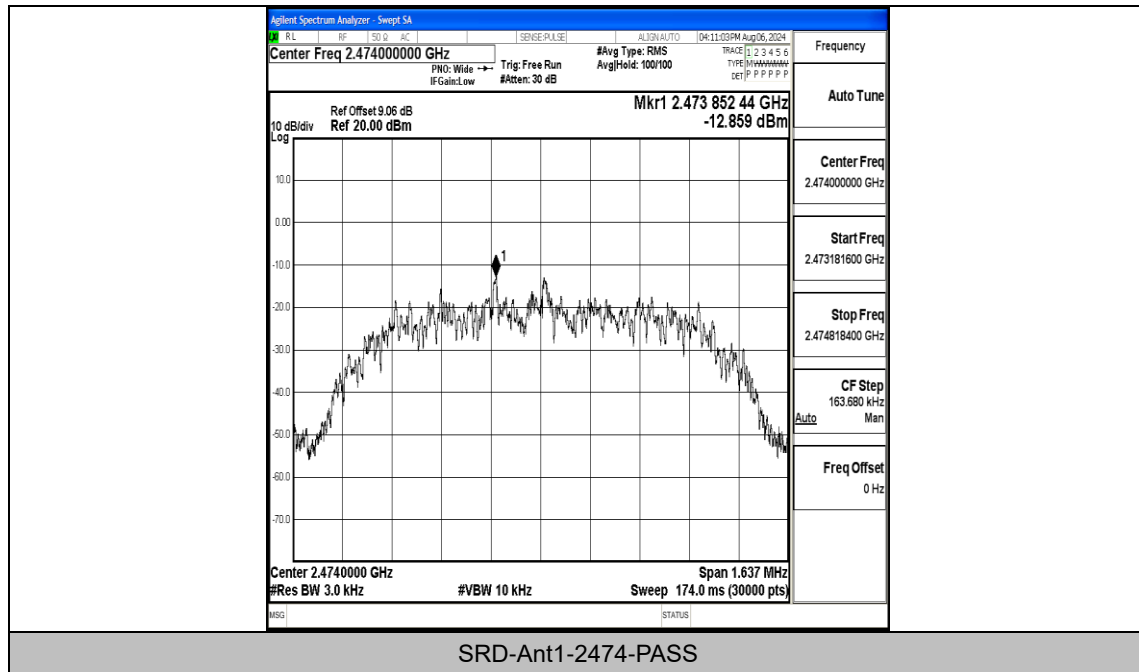
Appendix D: Maximum peak power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
SRD	Ant1	2408	-14.27	≤8.00	PASS
SRD	Ant1	2440	-13.92	≤8.00	PASS
SRD	Ant1	2474	-12.86	≤8.00	PASS

Test Graphs



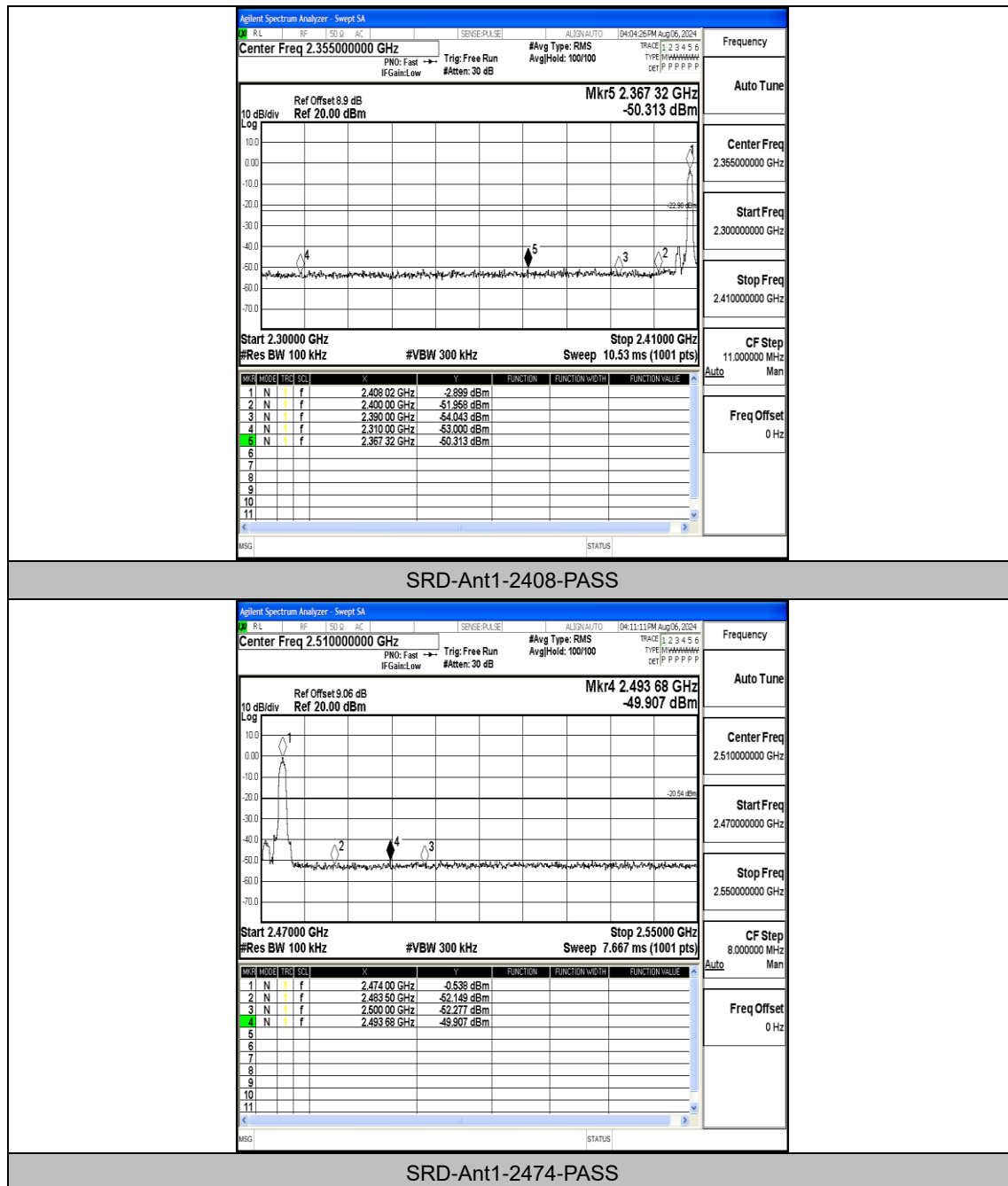


Appendix E: Band edge measurements

Test Result

TestMode	Antenna	Channel	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
SRD	Ant1	Low	2408	-2.90	-50.31	≤-22.9	PASS
SRD	Ant1	High	2474	-0.54	-49.91	≤-20.54	PASS

Test Graphs

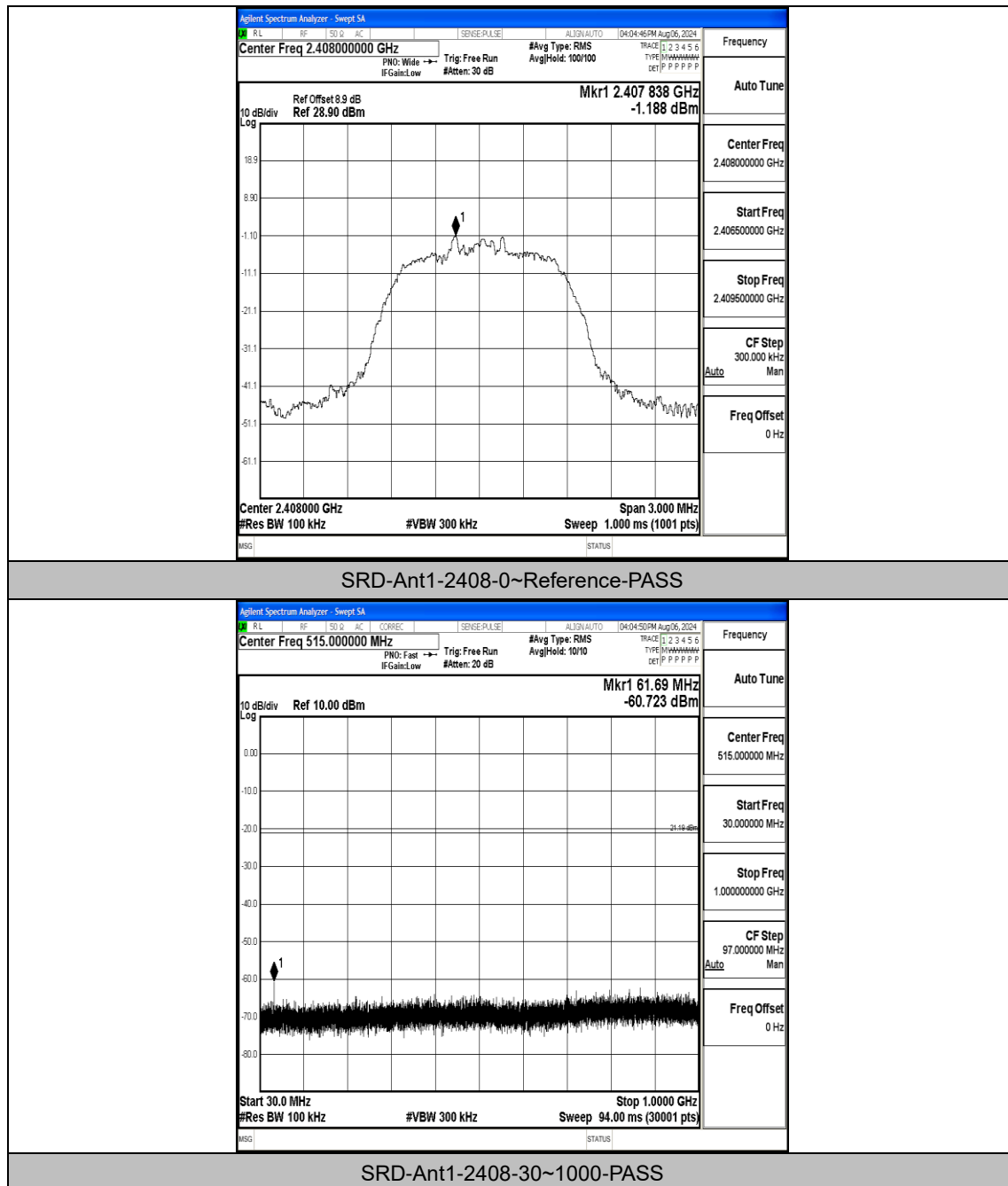


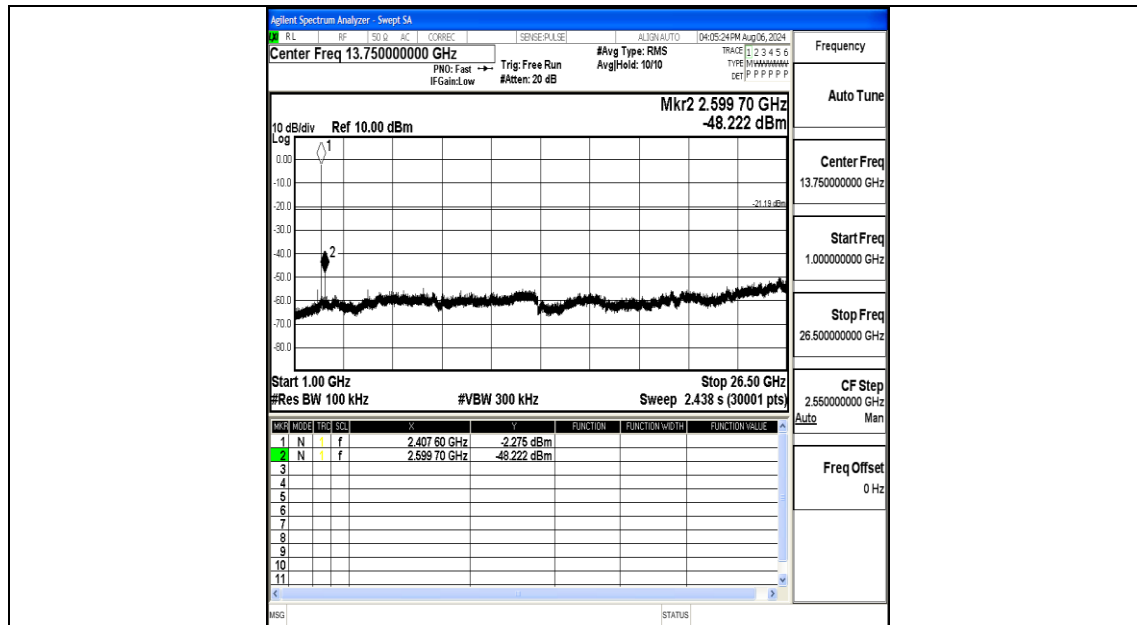
Appendix F: Conducted Spurious Emission

Test Result

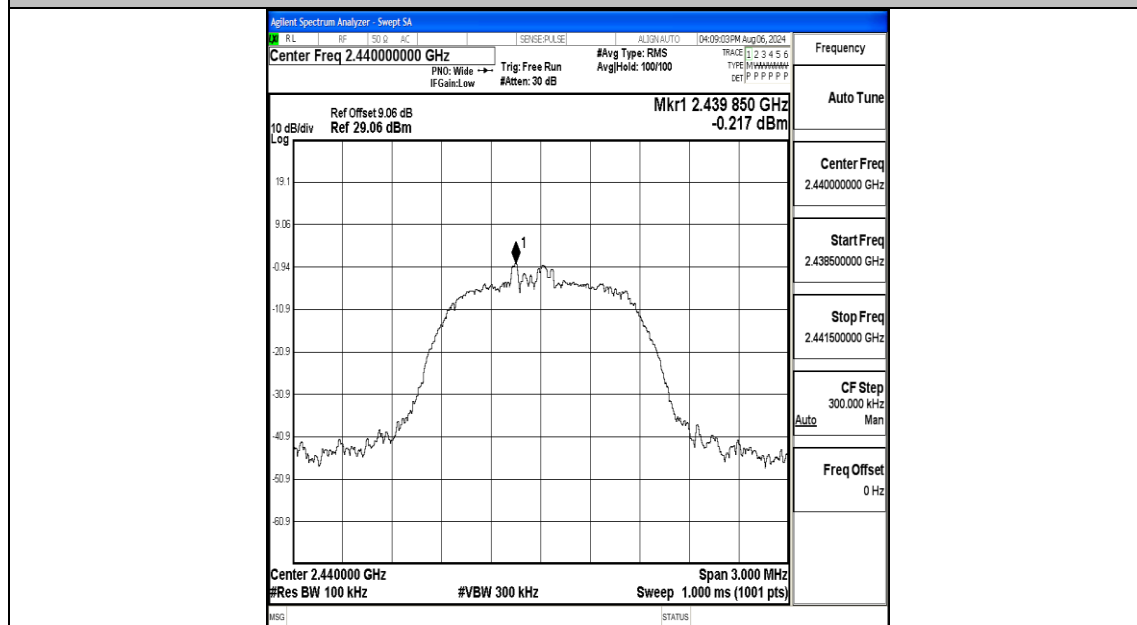
TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
SRD	Ant1	2408	0~Reference	-1.19	-1.19	---	PASS
SRD	Ant1	2408	30~1000	-1.19	-60.72	≤-21.19	PASS
SRD	Ant1	2408	1000~26500	-1.19	-48.22	≤-21.19	PASS
SRD	Ant1	2440	0~Reference	-0.22	-0.22	---	PASS
SRD	Ant1	2440	30~1000	-0.22	-61.98	≤-20.22	PASS
SRD	Ant1	2440	1000~26500	-0.22	-48.74	≤-20.22	PASS
SRD	Ant1	2474	0~Reference	0.74	0.74	---	PASS
SRD	Ant1	2474	30~1000	0.74	-59.93	≤-19.26	PASS
SRD	Ant1	2474	1000~26500	0.74	-48.24	≤-19.26	PASS

Test Graphs

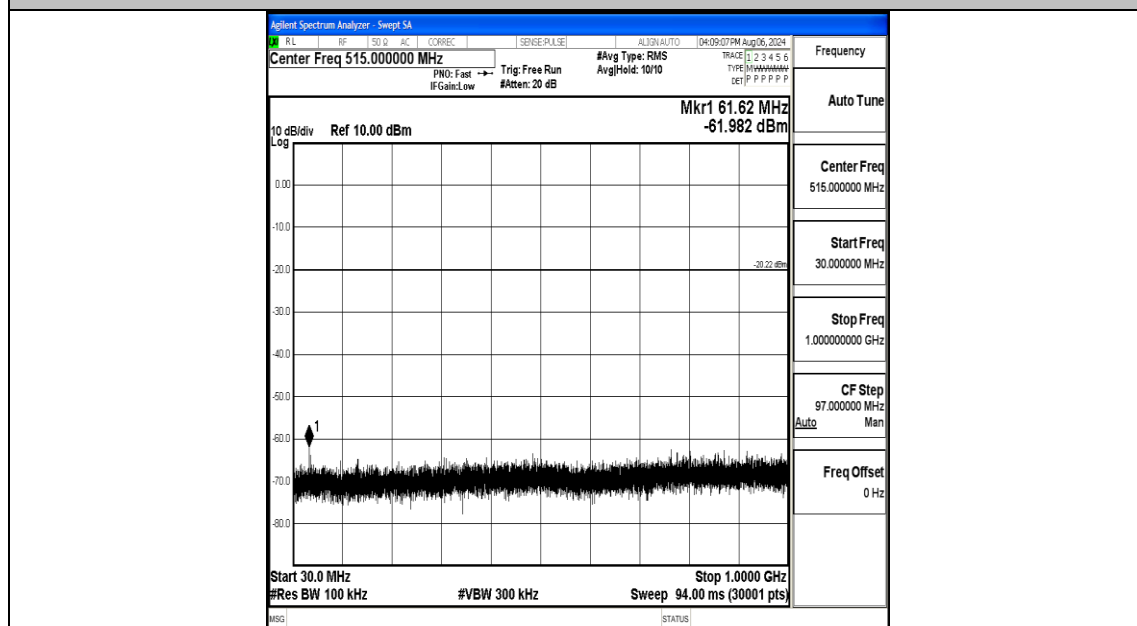




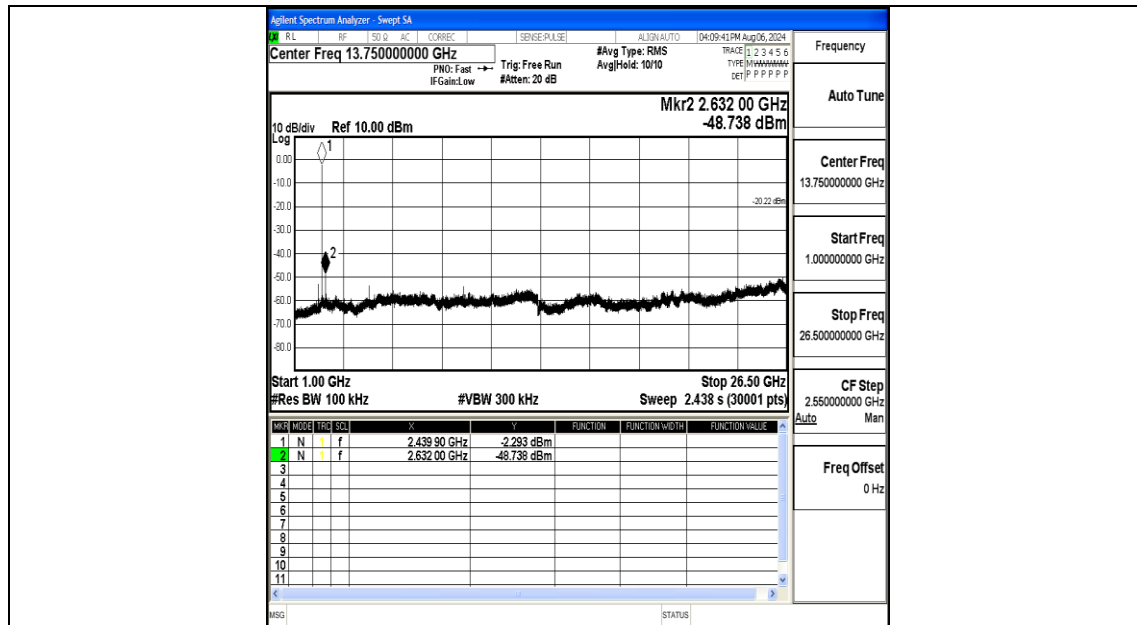
SRD-Ant1-2408-1000~26500-PASS



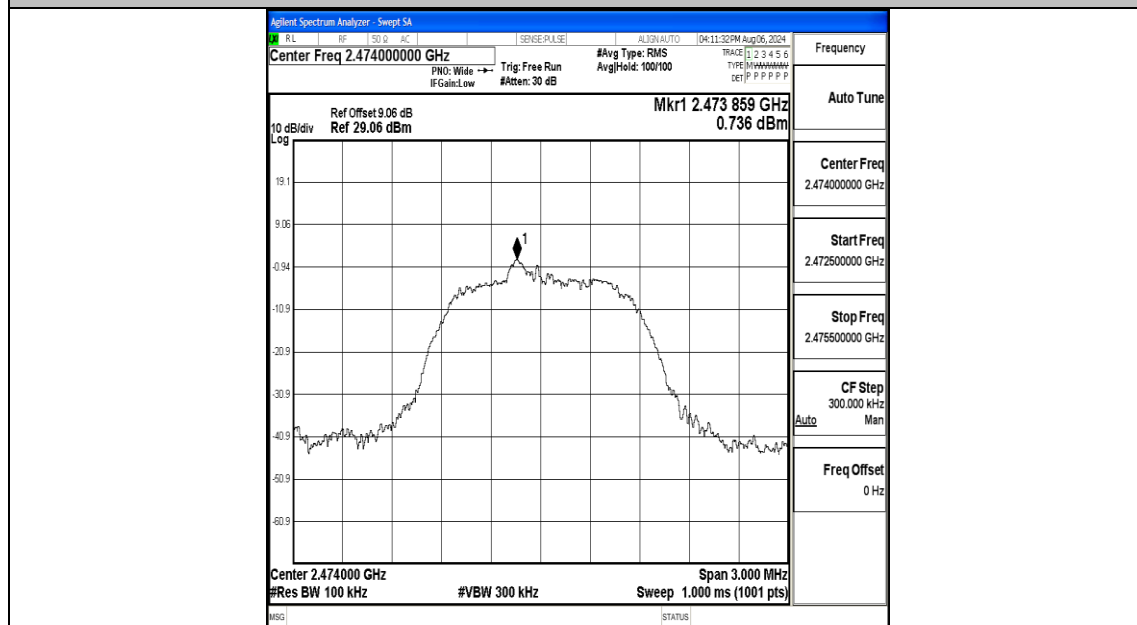
SRD-Ant1-2440-0~Reference-PASS



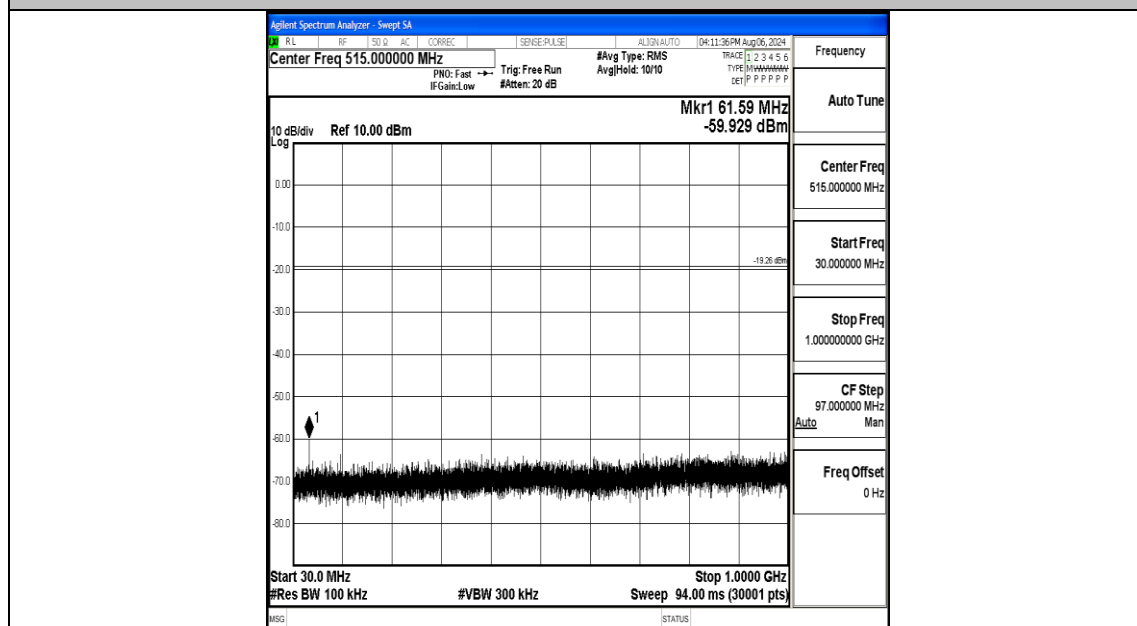
SRD-Ant1-2440-30~1000-PASS



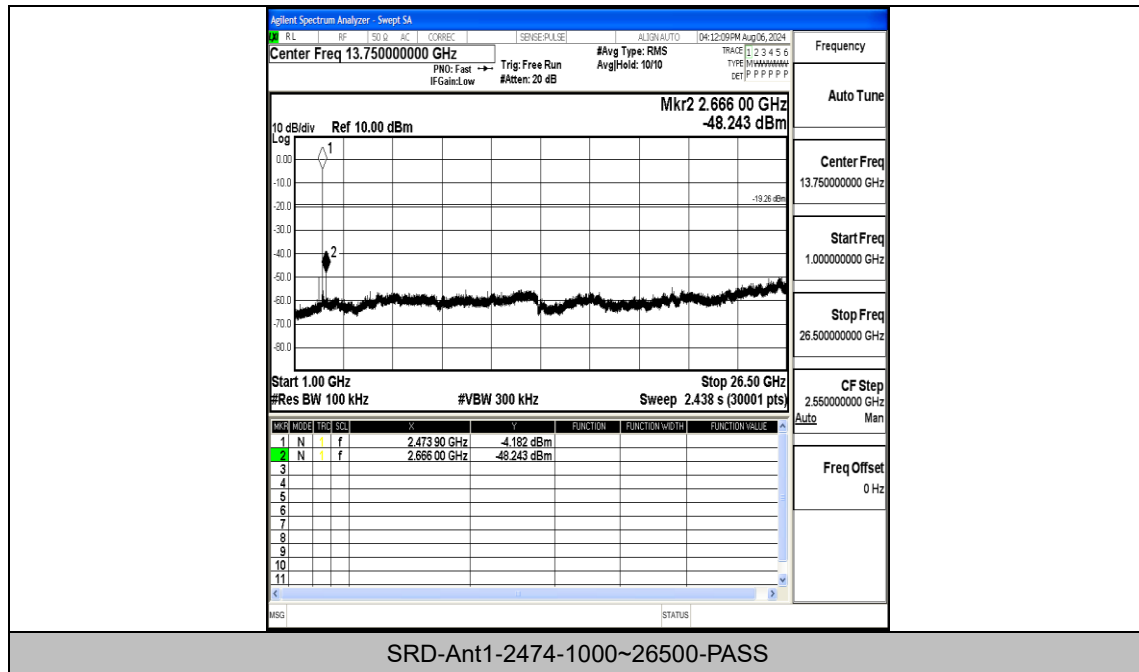
SRD-Ant1-2440-1000~26500-PASS



SRD-Ant1-2474-0~Reference-PASS



SRD-Ant1-2474-30~1000-PASS



Appendix G: Duty Cycle

Test Result

TestMode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
SRD	Ant1	2408	2.90	3.75	77.33	1.12
SRD	Ant1	2440	2.89	3.75	77.07	1.13
SRD	Ant1	2474	2.90	3.75	77.33	1.12

Test Graphs

