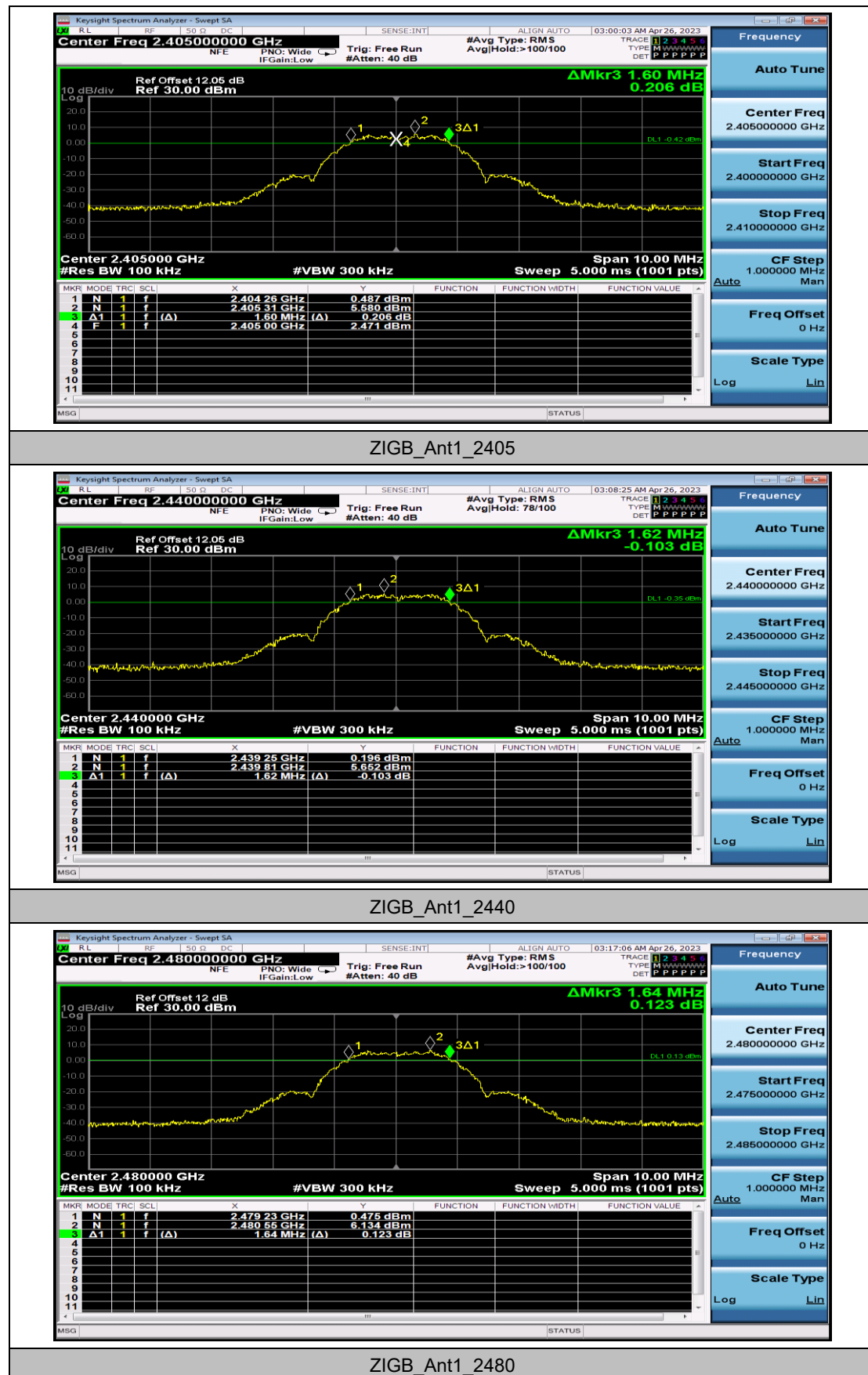


Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
ZIGB	Ant1	2405	1.600	2404.260	2405.860	0.5	PASS
		2440	1.620	2439.250	2440.870	0.5	PASS
		2480	1.640	2479.230	2480.870	0.5	PASS

Test Graphs

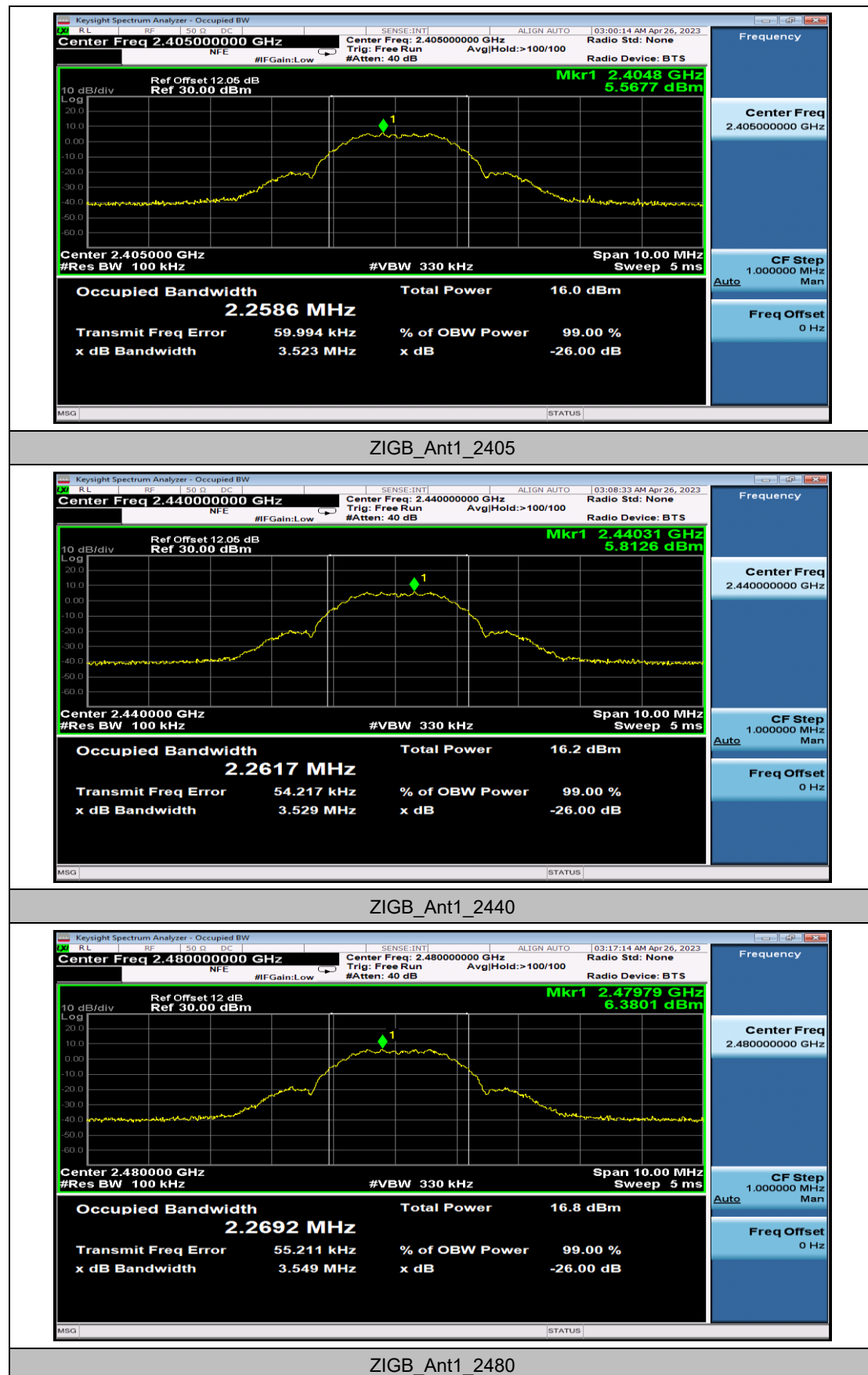


Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
ZIGB	Ant1	2405	2.2617	2403.930	2406.191	---	---
		2440	2.2622	2438.922	2441.184	---	---
		2480	2.2710	2478.920	2481.191	---	---

Test Graphs

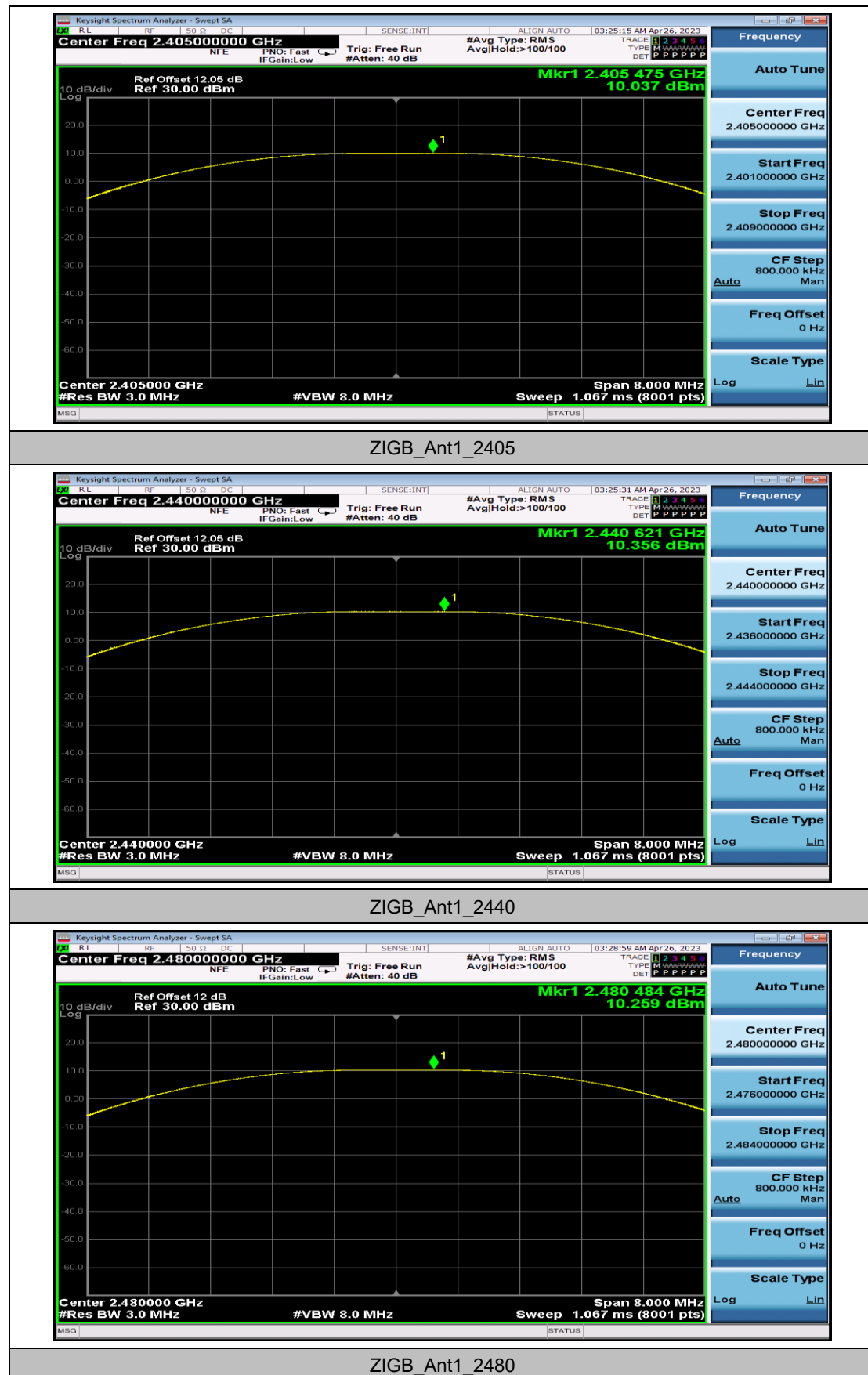


Appendix C: Maximum conducted output power

Test Result

TestMode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	EIRP[dBm]	EIRP Limit[dBm]	Verdict
ZIGBEE	Ant1	2405	10.04	≤30	12.04	≤36	PASS
		2440	10.36	≤30	12.36	≤36	PASS
		2480	10.26	≤30	12.26	≤36	PASS

Test Graphs

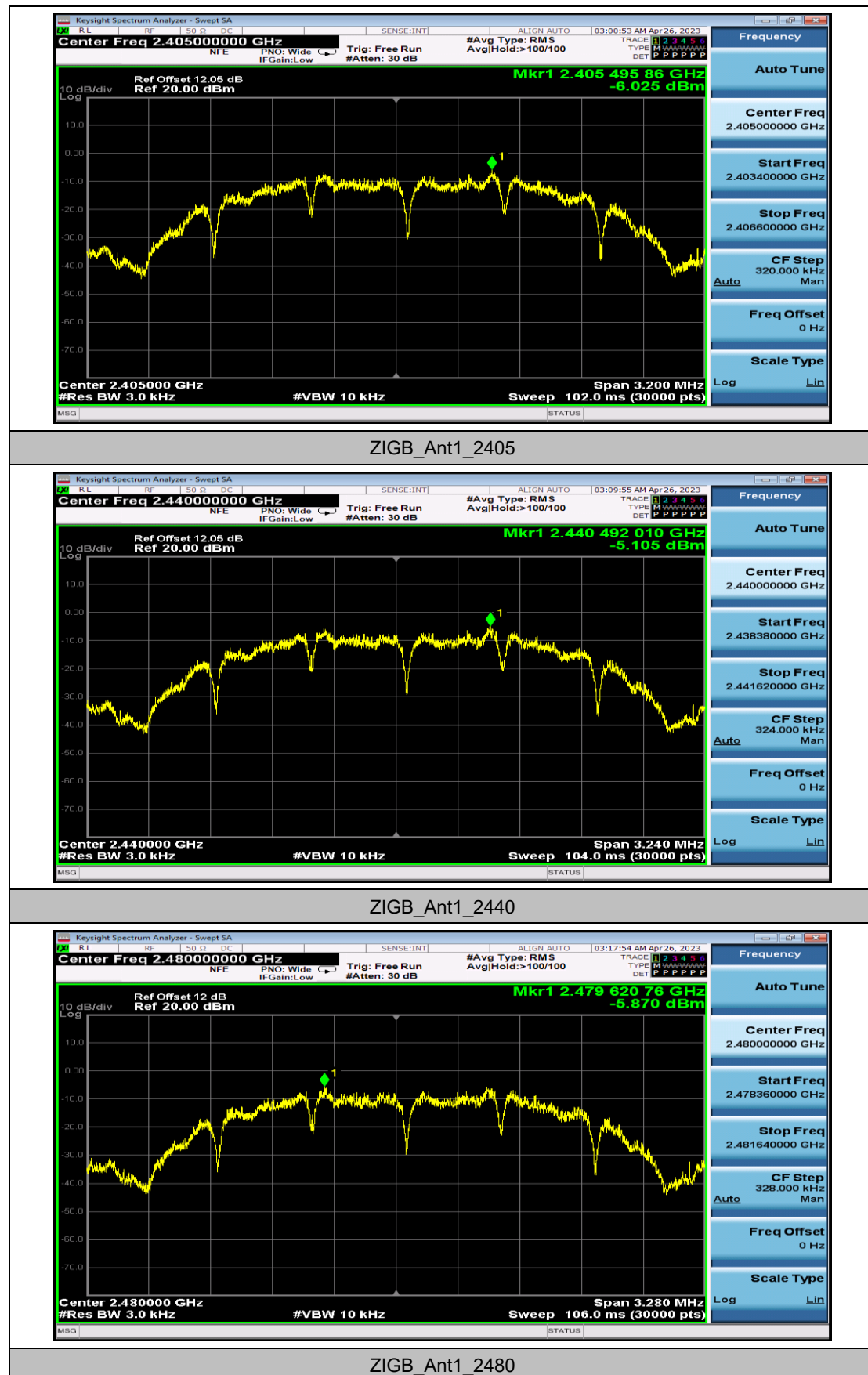


Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Freq(MHz)	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
ZIGB	Ant1	2405	-6.03	≤8.00	PASS
		2440	-5.11	≤8.00	PASS
		2480	-5.87	≤8.00	PASS

Test Graphs

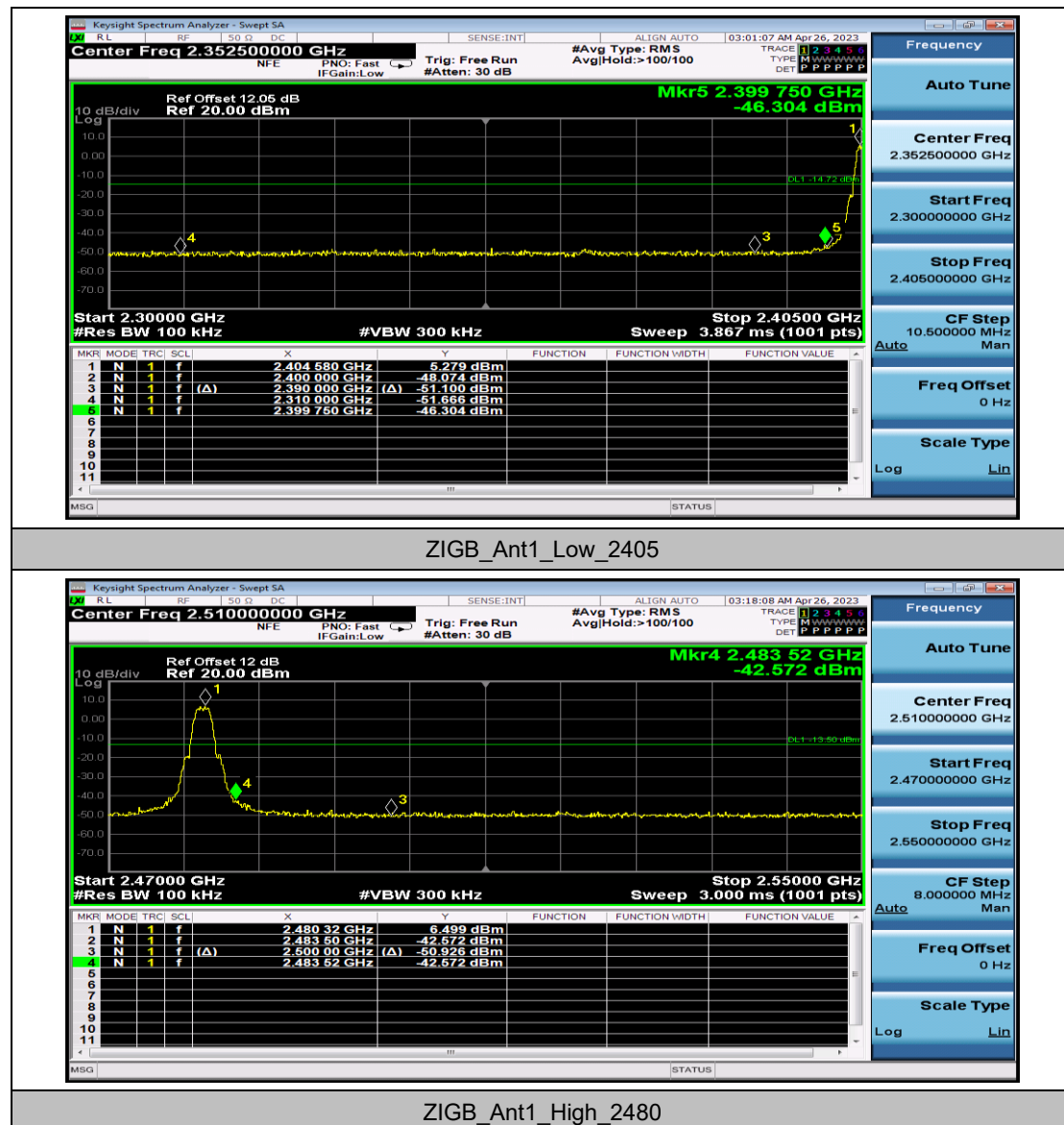


Appendix E: Band edge measurements

Test Result

TestMod e	Antenn a	ChNam e	Freq(MHz)	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdic t
ZIGB	Ant1	Low	2405	5.28	-47.22	≤-14.72	PASS
		High	2480	6.50	-42.57	≤-13.5	PASS

Test Graphs

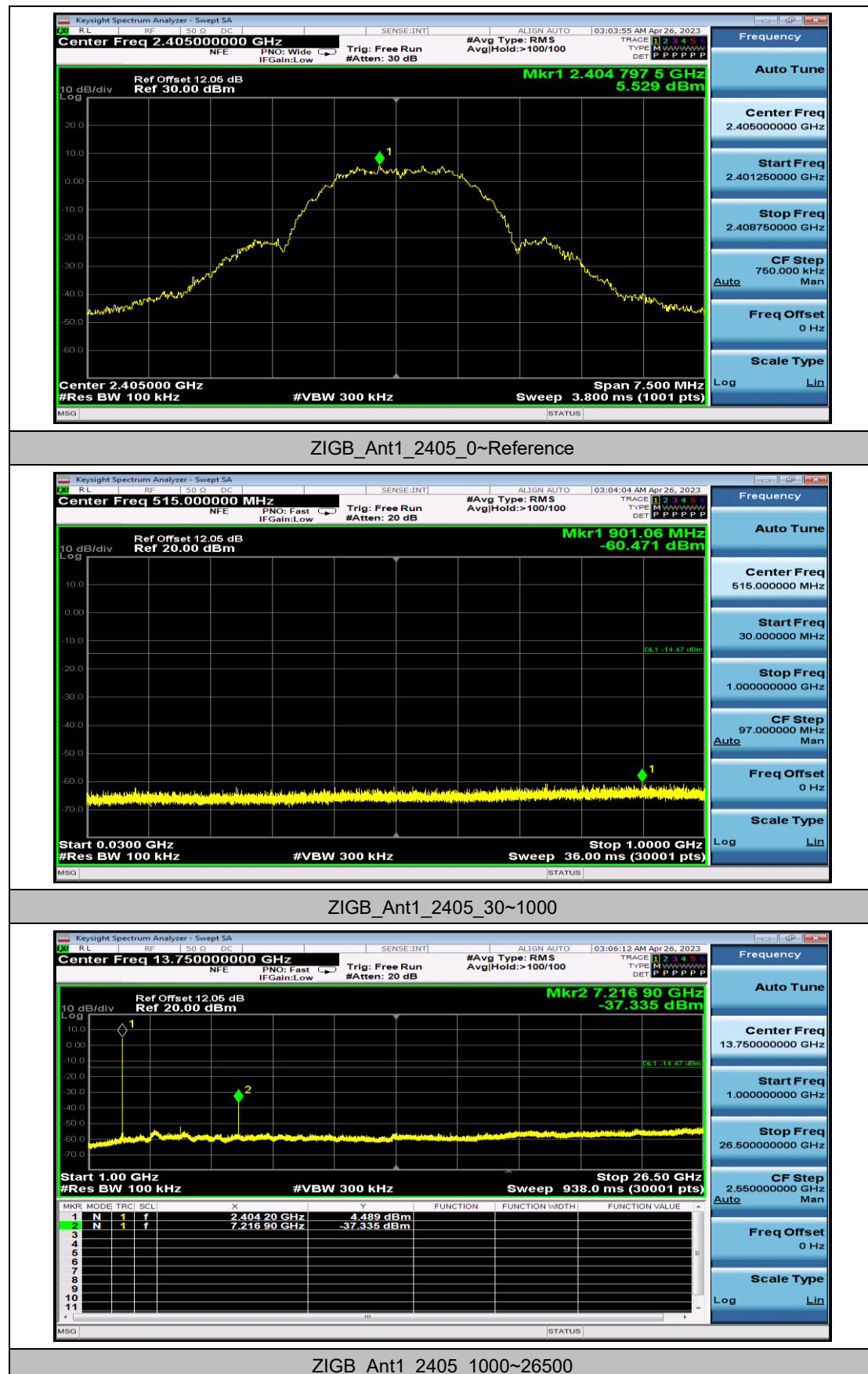


Appendix F: Conducted Spurious Emission

Test Result

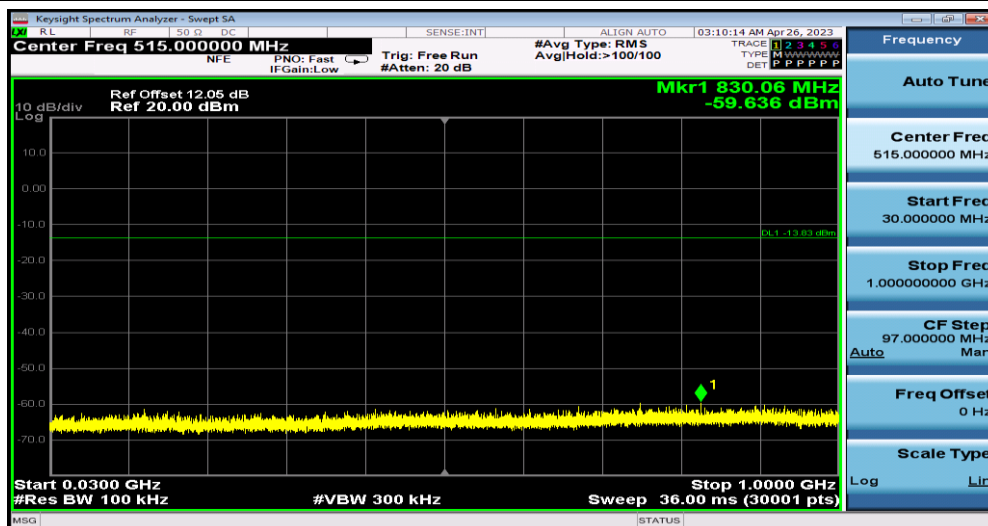
TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
ZIGB	Ant1	2405	Reference	5.53	5.53	---	PASS
			30~1000	5.53	-60.47	≤-14.47	PASS
			1000~26500	5.53	-37.34	≤-14.47	PASS
		2440	Reference	6.17	6.17	---	PASS
			30~1000	6.17	-59.64	≤-13.83	PASS
			1000~26500	6.17	-38.97	≤-13.83	PASS
		2480	Reference	6.44	6.44	---	PASS
			30~1000	6.44	-59.75	≤-13.56	PASS
			1000~26500	6.44	-41.42	≤-13.56	PASS

Test Graphs

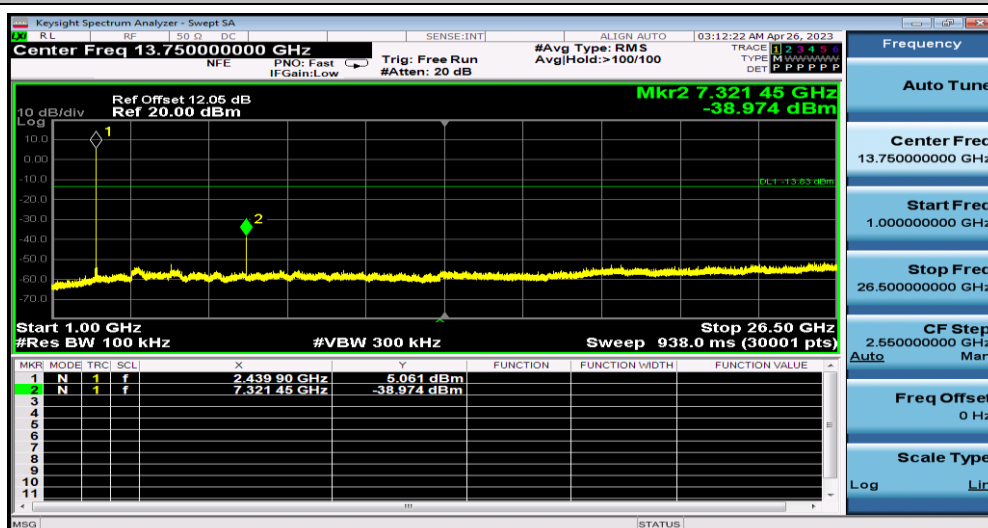




ZIGB_Ant1_2440_0~Reference



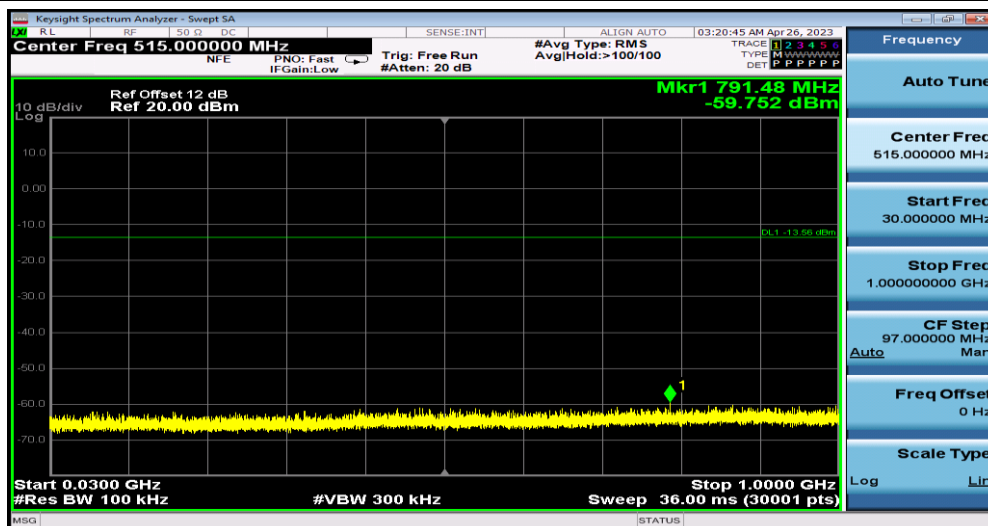
ZIGB_Ant1_2440_30~1000



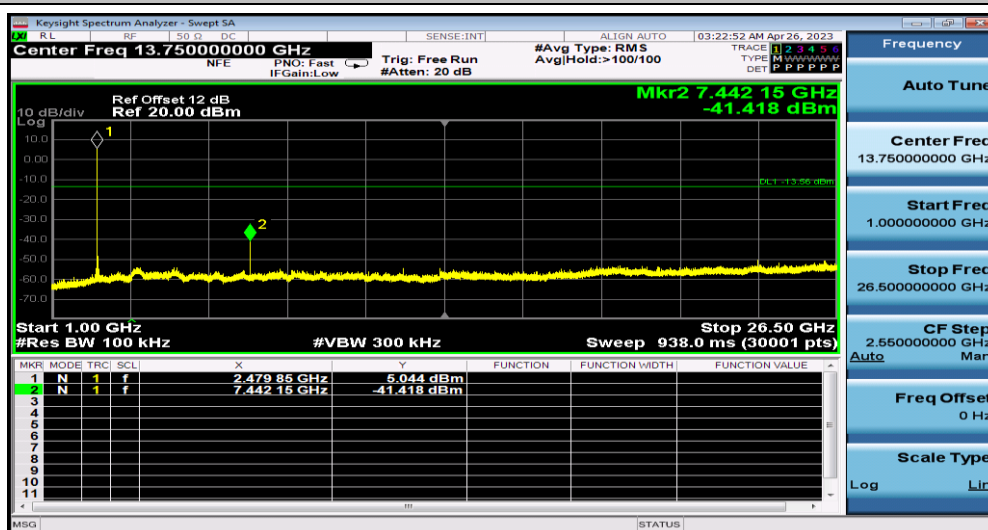
ZIGB_Ant1_2440_1000~26500



ZIGB_Ant1_2480_0~Reference



ZIGB_Ant1_2480_30~1000



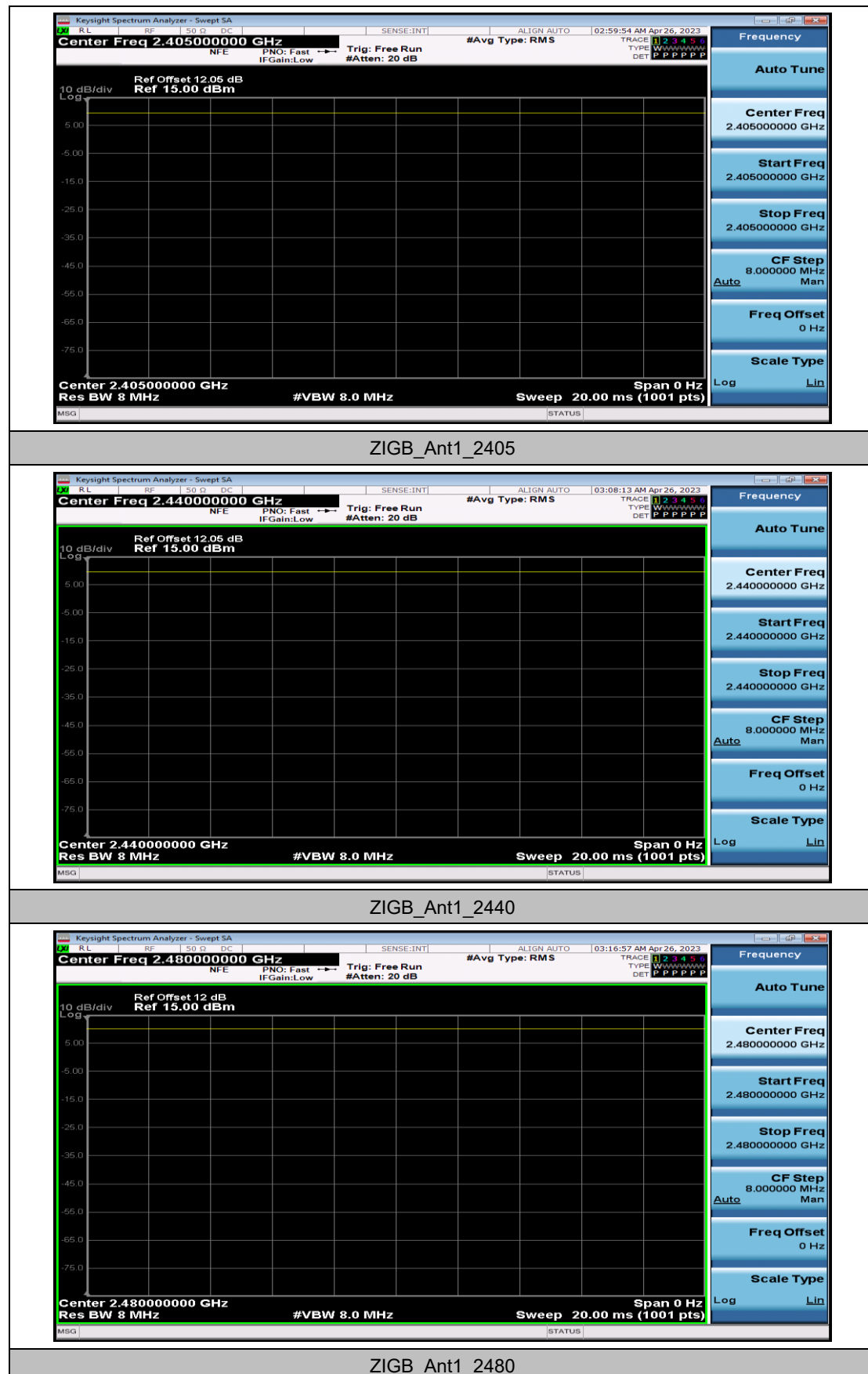
ZIGB_Ant1_2480_1000~26500

Appendix G: Duty Cycle

Test Result

TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
ZIGB	Ant1	2405	0.00	0.00	100	---	---
		2440	0.00	0.00	100	---	---
		2480	0.00	0.00	100	---	---

Test Graphs



FCC ID: DWNIZYMO-LIGHT
IC: 12049A-IZYMOLIG

