

Case No. : <u>GTS20231129005-1-7</u>	
Ambient Condition: <u>23</u> °C, <u>48</u> %RH	
According Standard: ■Part15C	
Test Date: <u>2024.1.8</u>	Test Engineer: <u>Evan ouyang</u>

Appendix A.1: 20dB Emission Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	20dB EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH1	Ant1	2402	1.023	2401.508	2402.531	---	---
		2441	1.023	2440.508	2441.531	---	---
		2480	0.993	2479.523	2480.516	---	---

Test Graphs

DH1_Ant1_2402



DH1_Ant1_2441



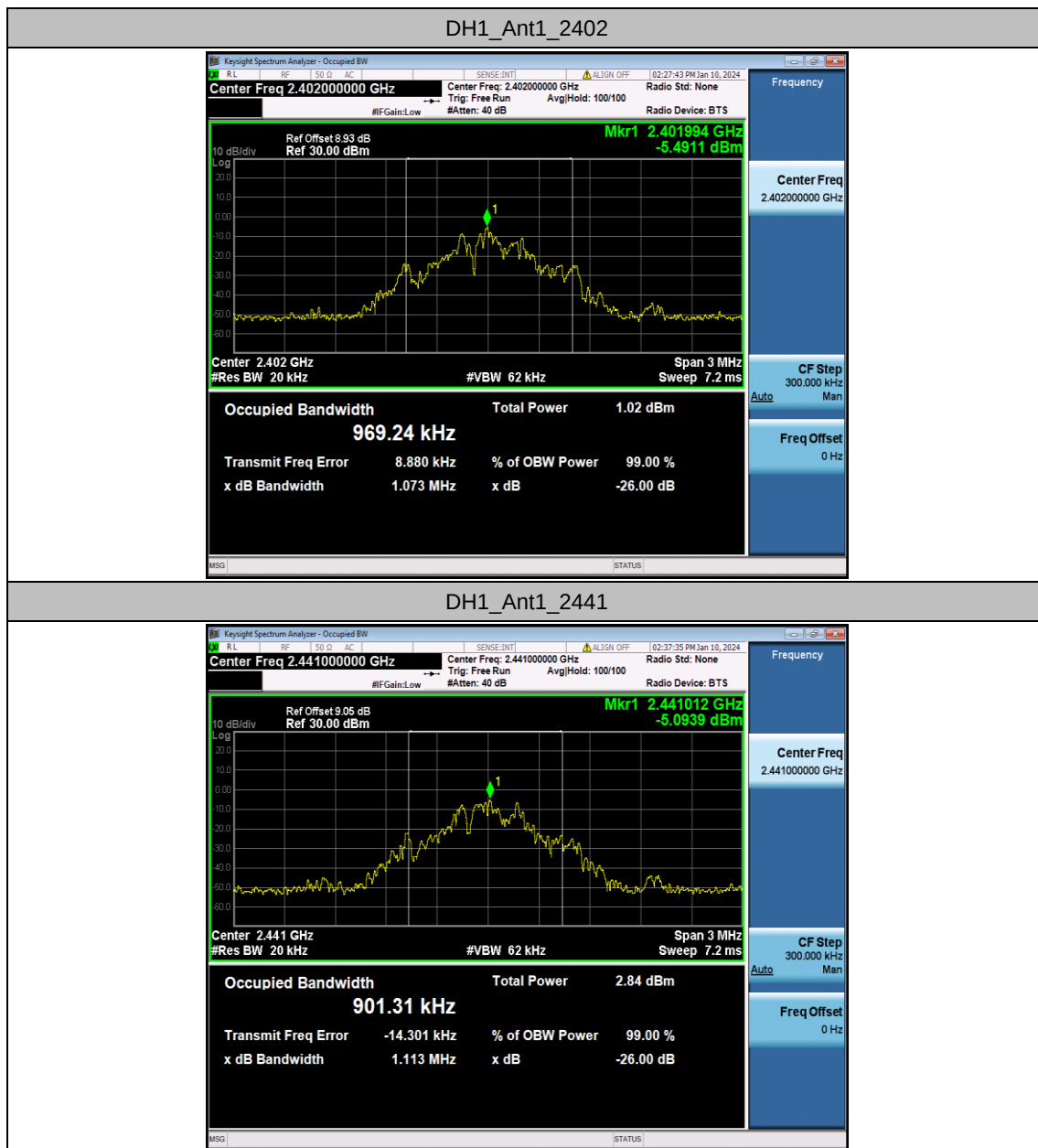


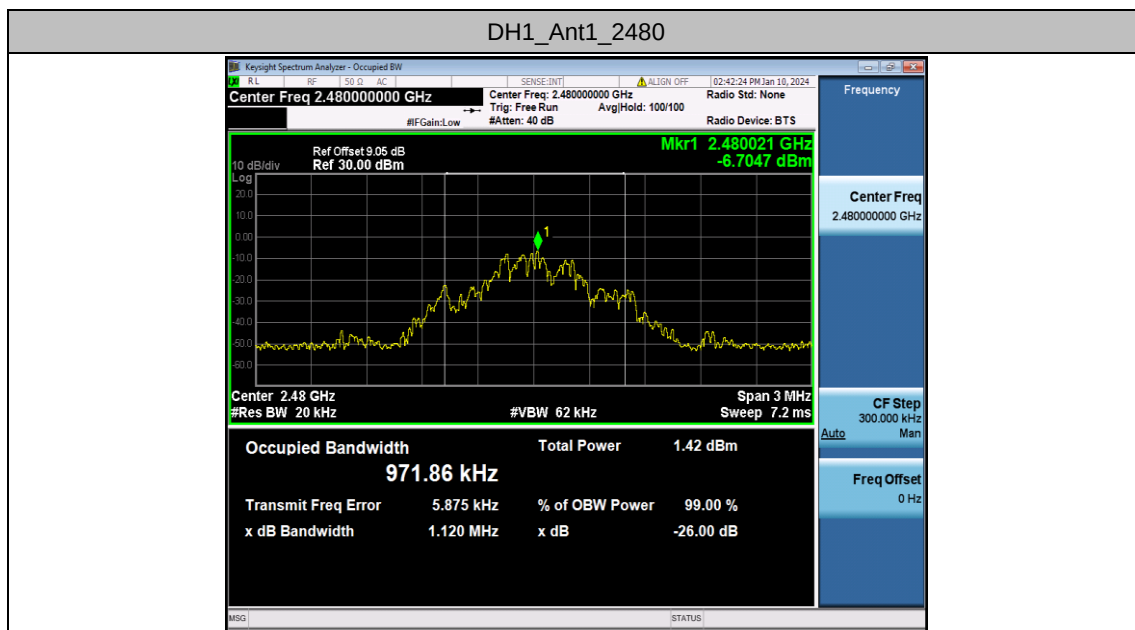
Appendix A.2: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH1	Ant1	2402	0.96924	2401.5243	2402.4935	---	---
		2441	0.90131	2440.5350	2441.4364	---	---
		2480	0.97186	2479.5199	2480.4918	---	---

Test Graphs





Appendix A.3: Maximum conducted output power

Test Result

Test Mode	Antenna	Freq(MHz)	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH1	Ant1	2402	-3.27	≤20.97	PASS
		2441	-1.98	≤20.97	PASS
		2480	-2.60	≤20.97	PASS

Appendix A.4: Carrier frequency separation

Test Result

TestMode	Antenna	Freq(MHz)	Result[MHz]	Limit[MHz]	Verdict
DH1	Ant1	Hop_2402	0.83	≥ 0.682	PASS
		Hop_2441	1.18	≥ 0.682	PASS
		Hop_2480	1.176	≥ 0.682	PASS

Test Graphs



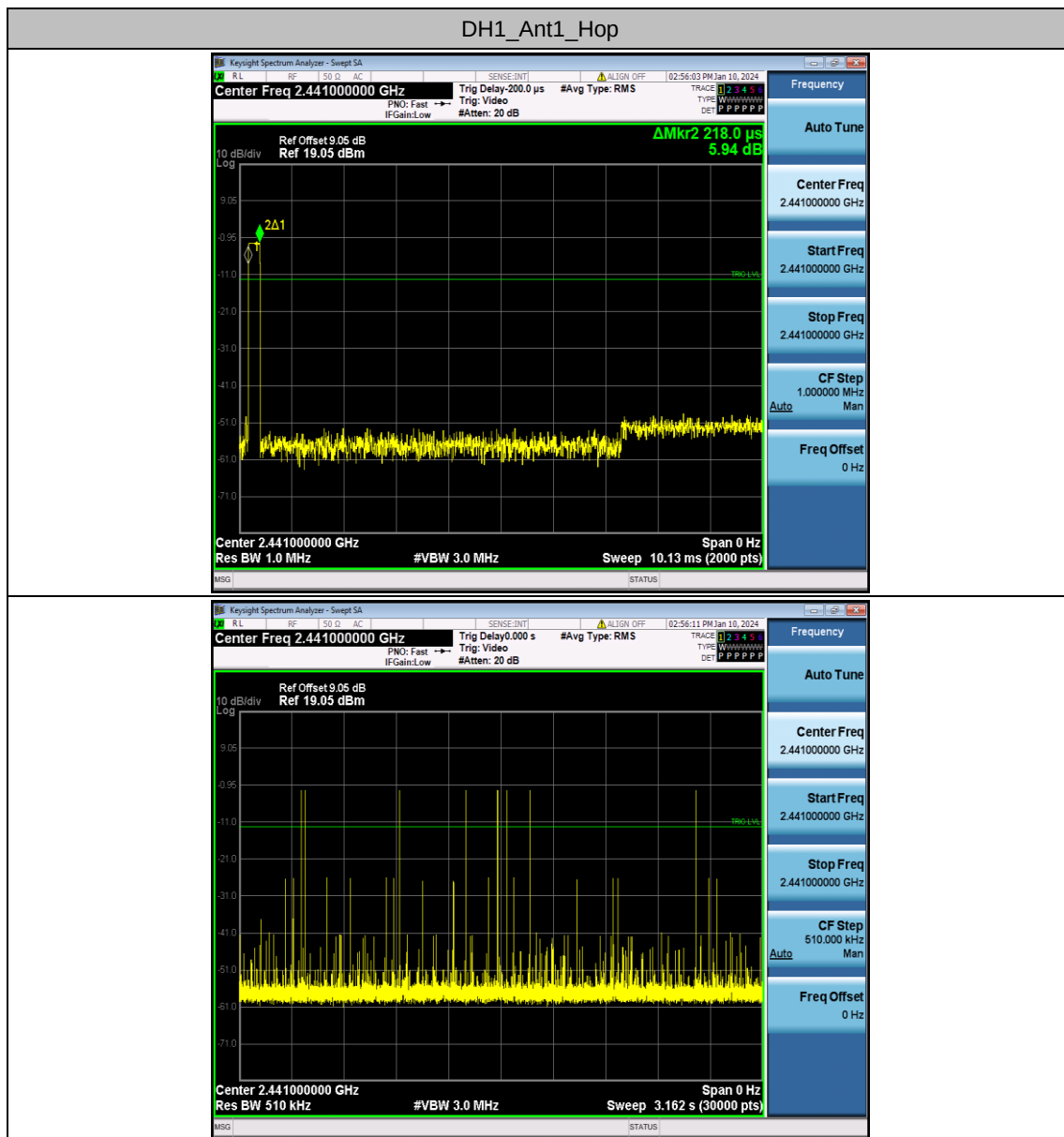


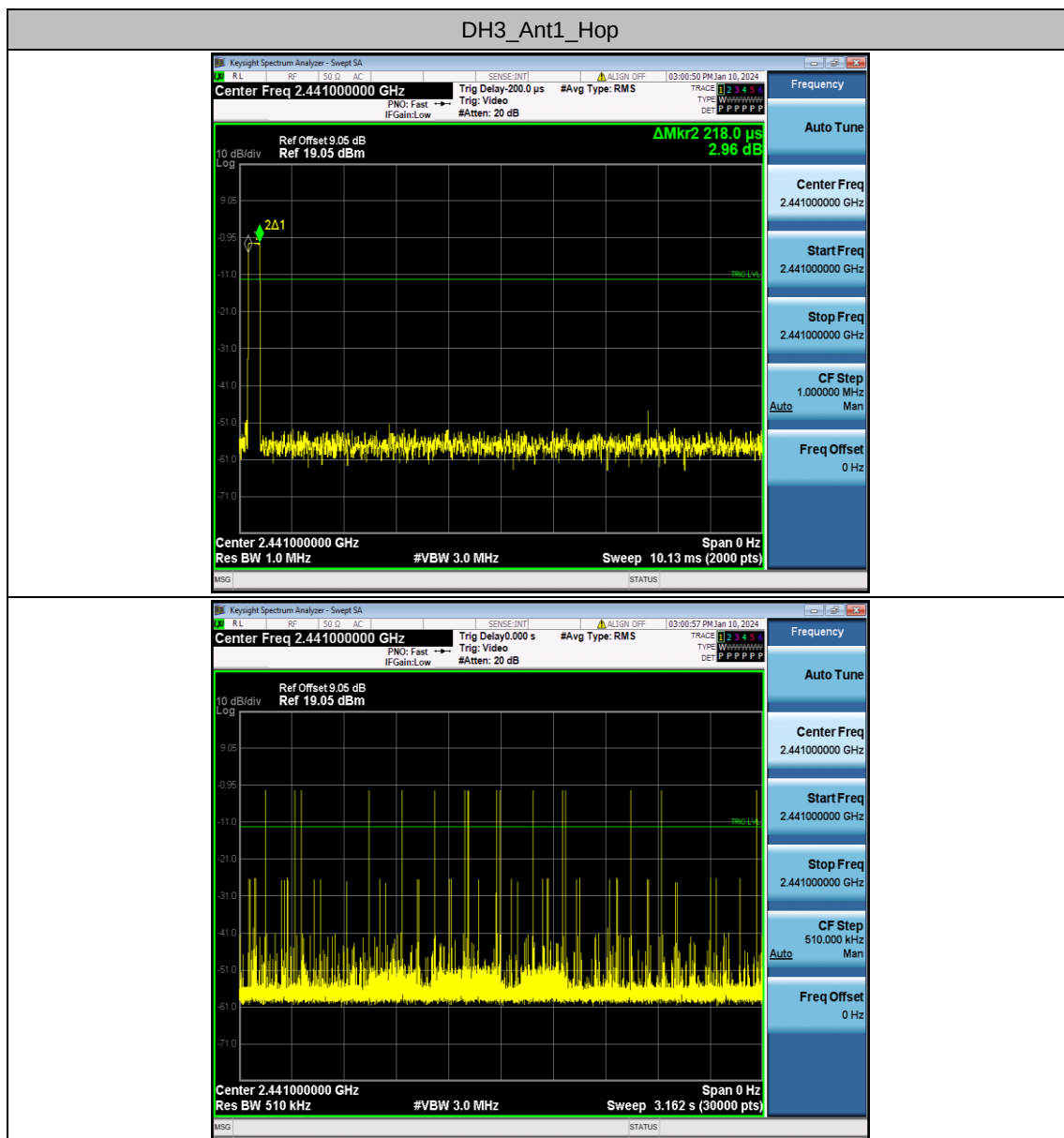
Appendix A.5: Time of occupancy

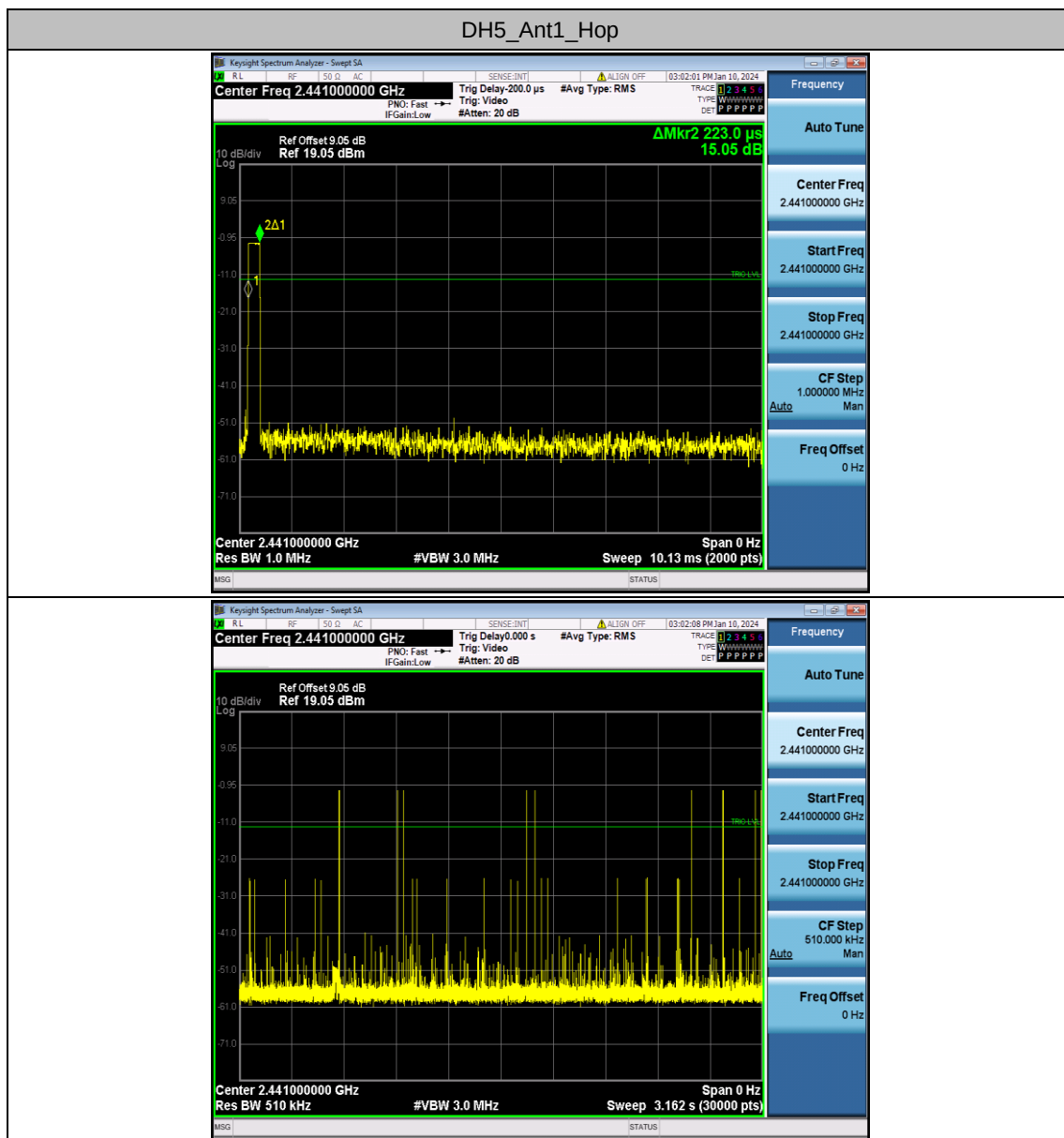
Test Result

TestMode	Antenna	Freq(MHz)	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.218	80	0.017	≤0.4	PASS
DH3	Ant1	Hop	0.218	160	0.035	≤0.4	PASS
DH5	Ant1	Hop	0.223	90	0.02	≤0.4	PASS

Test Graphs





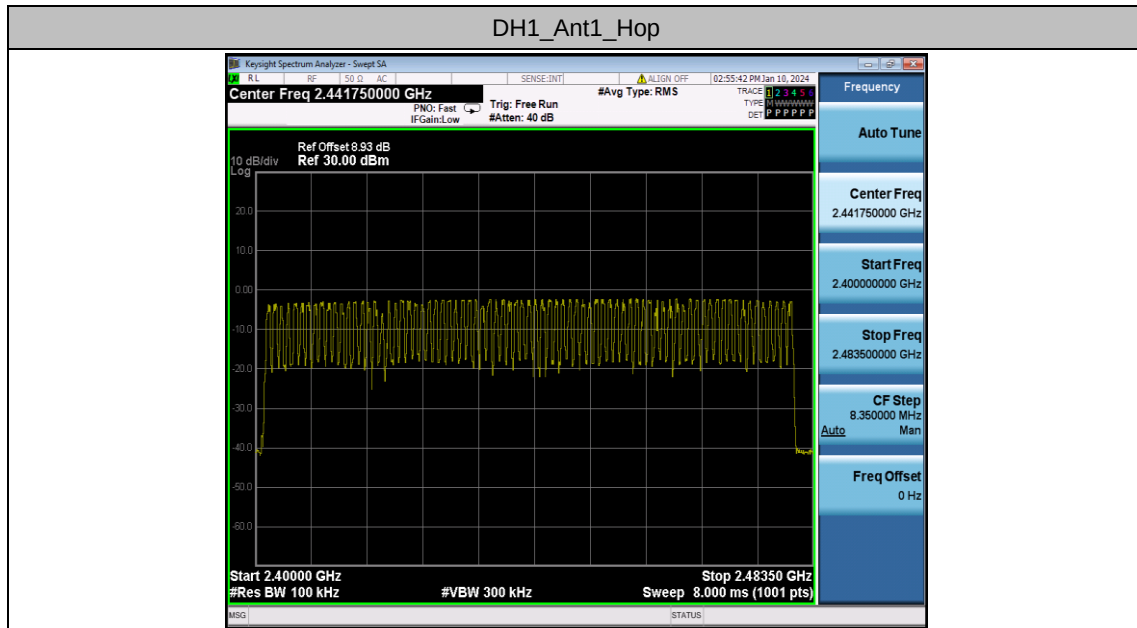


Appendix A.6: Number of hopping channels

Test Result

TestMode	Antenna	Freq(MHz)	Result[Num]	Limit[Num]	Verdict
DH1	Ant1	Hop	79	≥15	PASS

Test Graphs

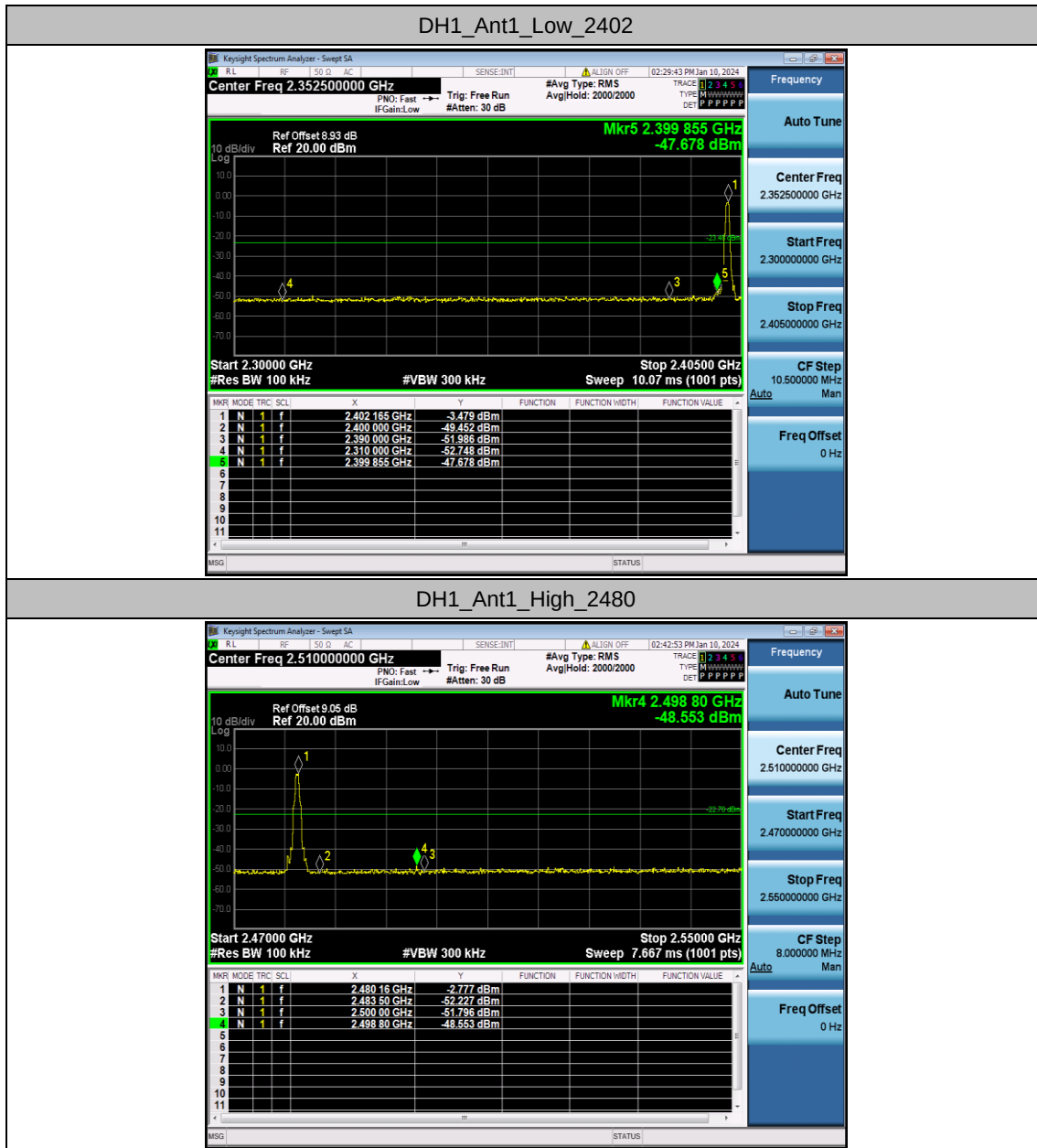


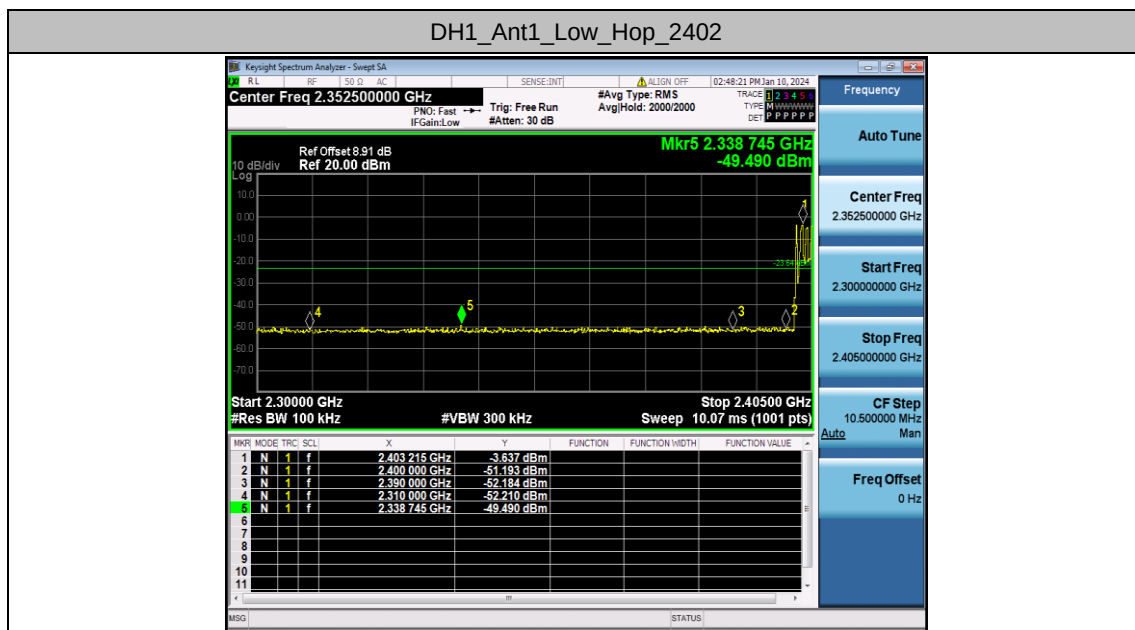
Appendix A.7: Band edge measurements

Test Result

TestMode	Antenna	ChName	Freq(MHz)	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH1	Ant1	Low	2402	-3.48	-47.68	≤-23.48	PASS
		High	2480	-2.78	-48.55	≤-22.78	PASS
		Low	Hop_2402	-3.64	-49.49	≤-23.64	PASS

Test Graphs





Appendix A.8: Conducted Spurious Emission

Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH1	Ant1	2402	Reference	-3.91	-3.91	---	PASS
			30~1000	-3.91	-56.01	$\leq$ -23.91	PASS
			1000~26500	-3.91	-42.85	$\leq$ -23.91	PASS
		2441	Reference	-2.68	-2.68	---	PASS
			30~1000	-2.68	-59.96	$\leq$ -22.68	PASS
			1000~26500	-2.68	-41.11	$\leq$ -22.68	PASS
		2480	Reference	-2.86	-2.86	---	PASS
			30~1000	-2.86	-57.75	$\leq$ -22.86	PASS
			1000~26500	-2.86	-47.08	$\leq$ -22.86	PASS

Test Graphs

