

Appendix A.1: 20dB Emission Bandwidth**Test Result**

Test Mode	Antenna	Freq (MHz)	20dB EBW [MHz]	FL [MHz]	FH [MHz]	Limit [MHz]	Verdict
DH5	Ant1	2402	0.951	2401.580	2402.531	---	---
		2441	0.954	2440.586	2441.540	---	---
		2480	0.954	2479.589	2480.543	---	---
2DH5	Ant1	2402	1.284	2401.415	2402.699	---	---
		2441	1.311	2440.394	2441.705	---	---
		2480	1.332	2479.382	2480.714	---	---
3DH5	Ant1	2402	1.302	2401.394	2402.696	---	---
		2441	1.290	2440.412	2441.702	---	---
		2480	1.302	2479.400	2480.702	---	---

Test Graphs









Appendix A.2: Occupied Channel Bandwidth**Test Result**

Test Mode	Antenna	Freq (MHz)	OCB [MHz]	FL [MHz]	FH [MHz]	Limit [MHz]	Verdict
DH5	Ant1	2402	0.86309	2401.6146	2402.4777	---	---
		2441	0.88260	2440.6150	2441.4976	---	---
		2480	0.88557	2479.6104	2480.4960	---	---
2DH5	Ant1	2402	1.1855	2401.4576	2402.6431	---	---
		2441	1.1891	2440.4579	2441.6470	---	---
		2480	1.1901	2479.4587	2480.6488	---	---
3DH5	Ant1	2402	1.1967	2401.4521	2402.6488	---	---
		2441	1.2000	2440.4501	2441.6501	---	---
		2480	1.1927	2479.4515	2480.6442	---	---

Test Graphs









Appendix A.3: Maximum Conducted Output Power**Test Result – Peak Power**

Test Mode	Antenna	Freq (MHz)	Conducted Peak Power [dBm]	Conducted Limit [dBm]	Verdict
DH5	Ant1	2402	-1.47	≤20.97	PASS
		2441	-1.24	≤20.97	PASS
		2480	-1.04	≤20.97	PASS
2DH5	Ant1	2402	-0.74	≤20.97	PASS
		2441	-0.52	≤20.97	PASS
		2480	-0.36	≤20.97	PASS
3DH5	Ant1	2402	-0.44	≤20.97	PASS
		2441	-0.23	≤20.97	PASS
		2480	0.01	≤20.97	PASS

Test Graphs – Peak Power



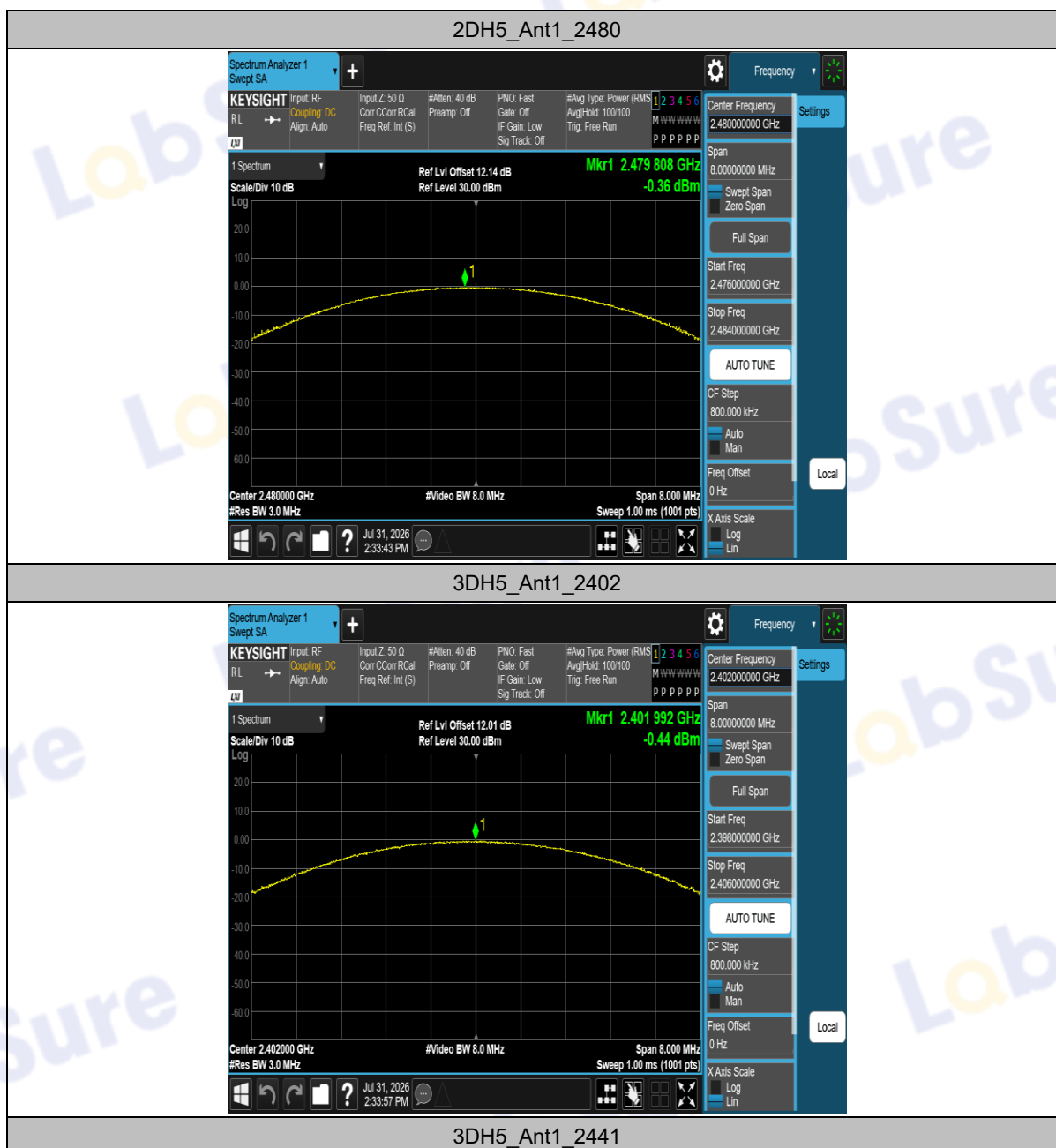


2DH5_Ant1_2402



2DH5_Ant1_2441





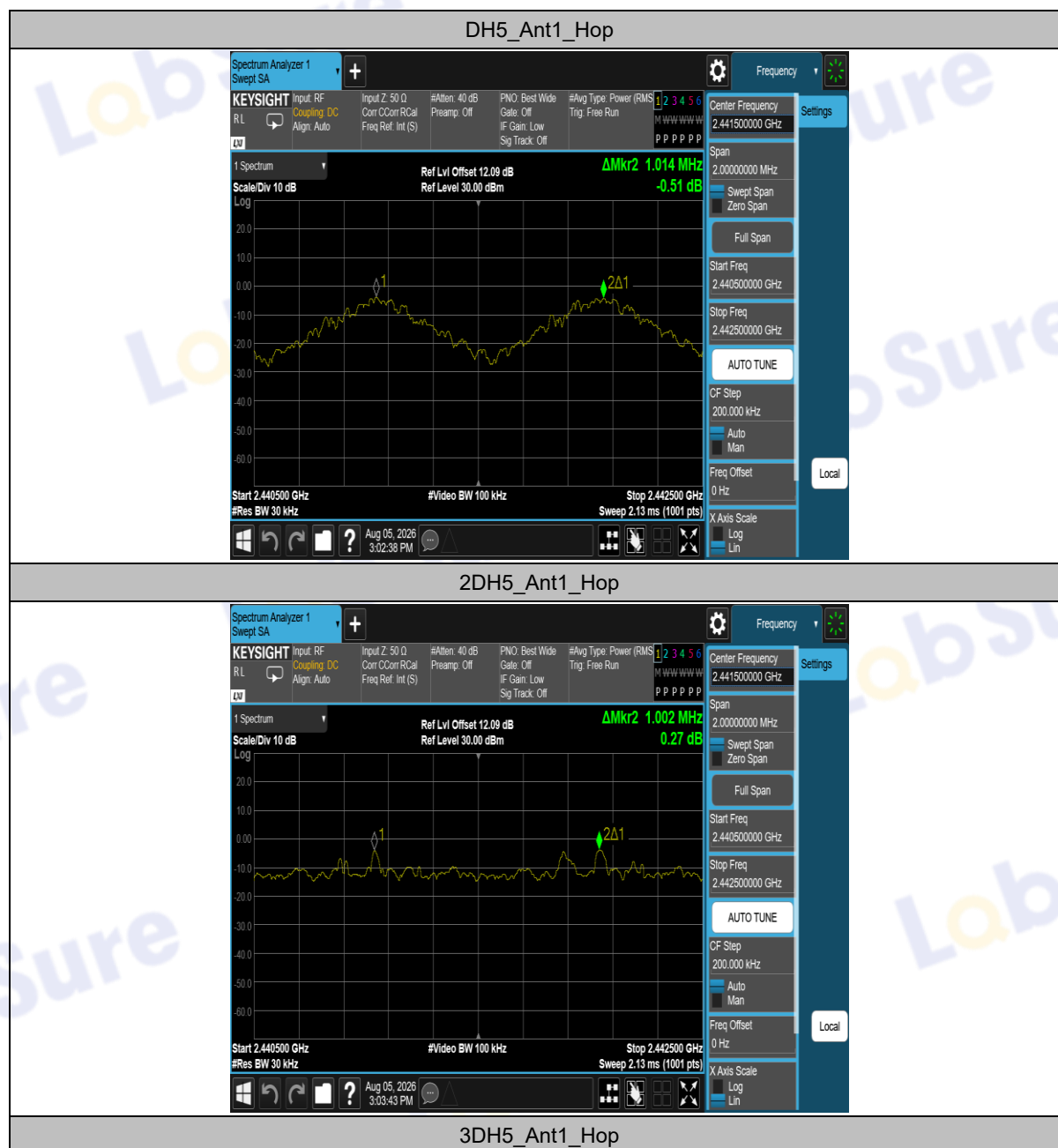


Appendix A.4: Carrier Frequency Separation

Test Result

Test Mode	Antenna	Freq (MHz)	Result [MHz]	Limit [MHz]	Verdict
DH5	Ant1	Hop	1.014	≥ 0.634	PASS
2DH5	Ant1	Hop	1.002	≥ 0.888	PASS
3DH5	Ant1	Hop	0.988	≥ 0.868	PASS

Test Graphs



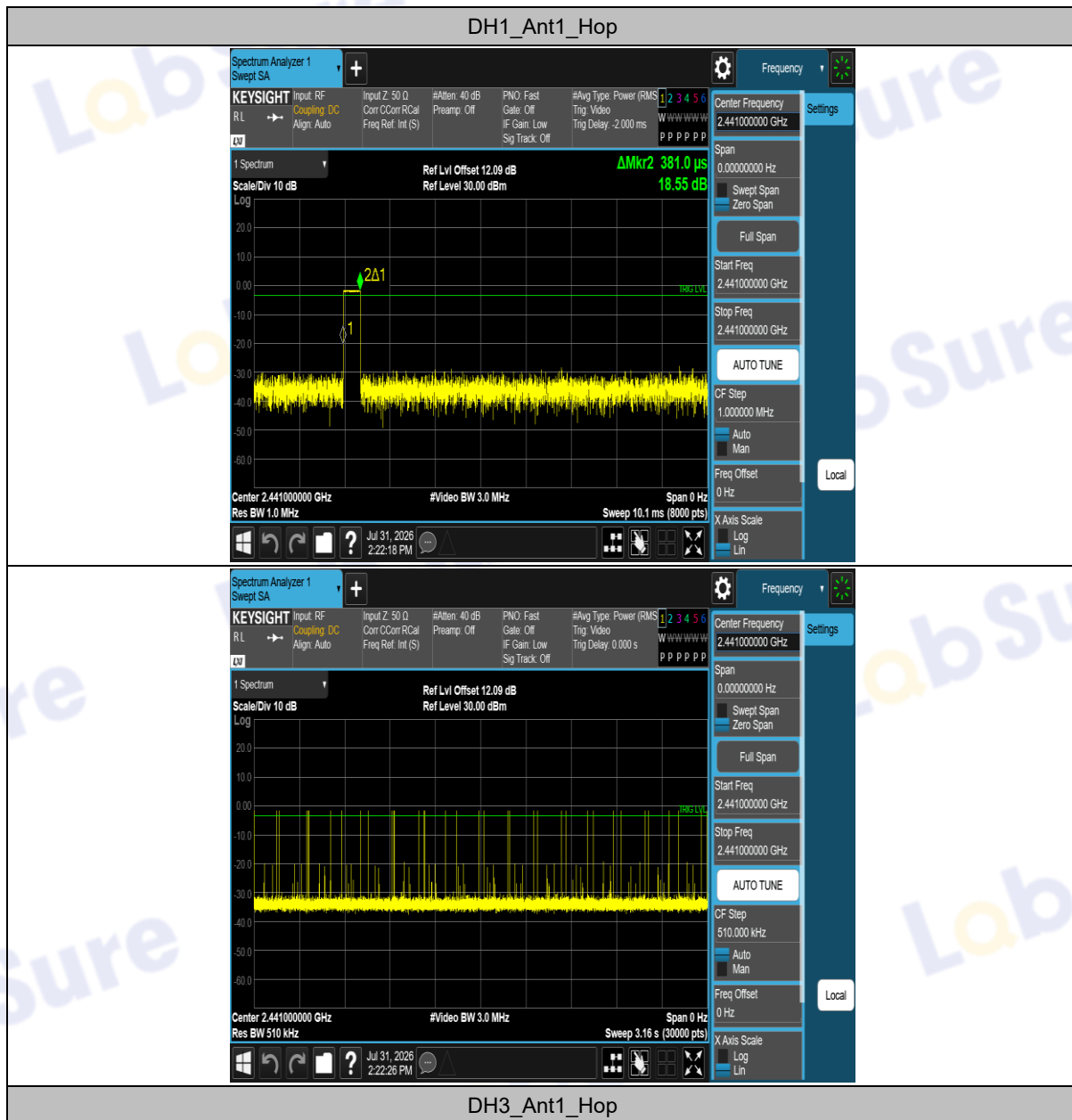


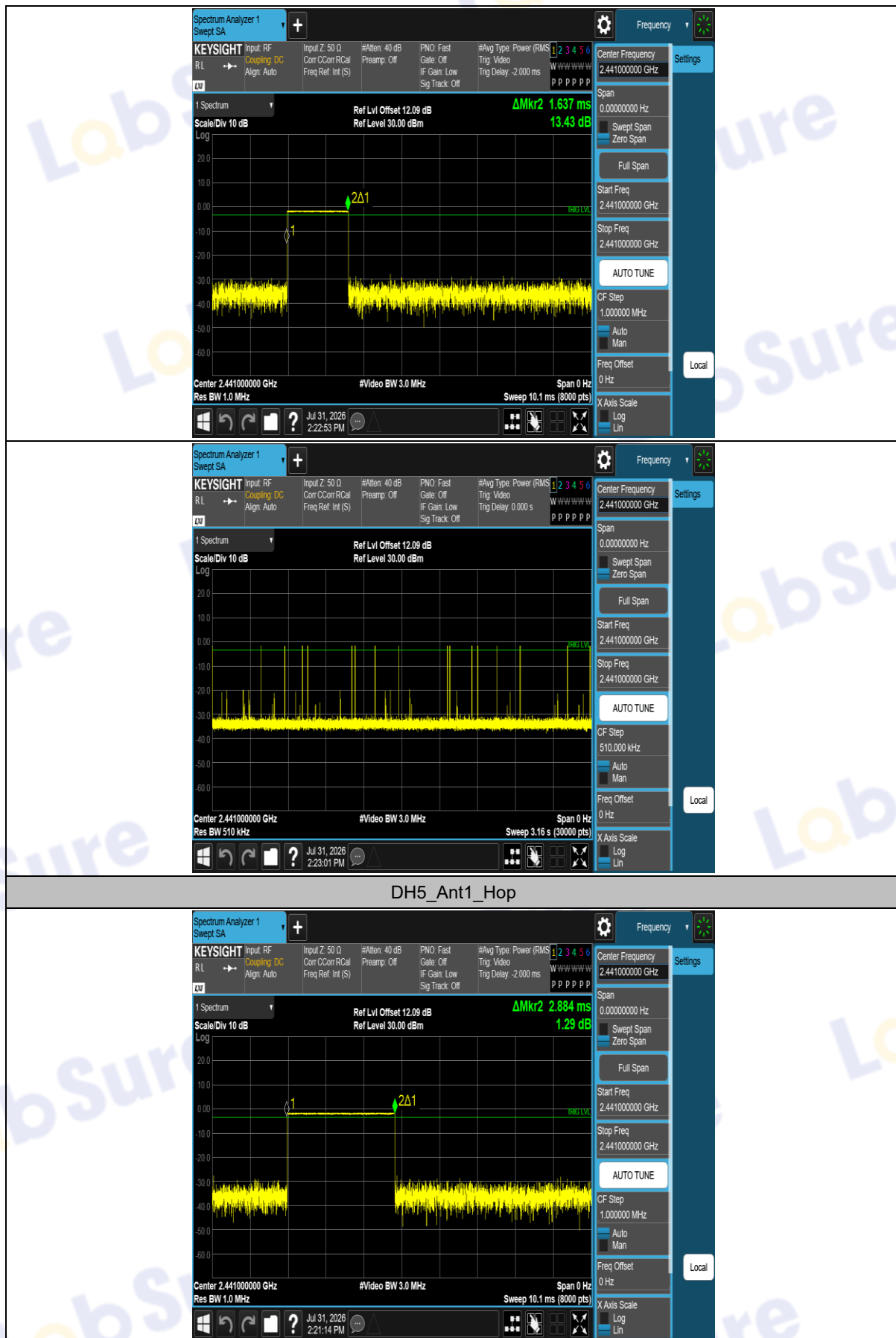
Appendix A.5: Time of Occupancy

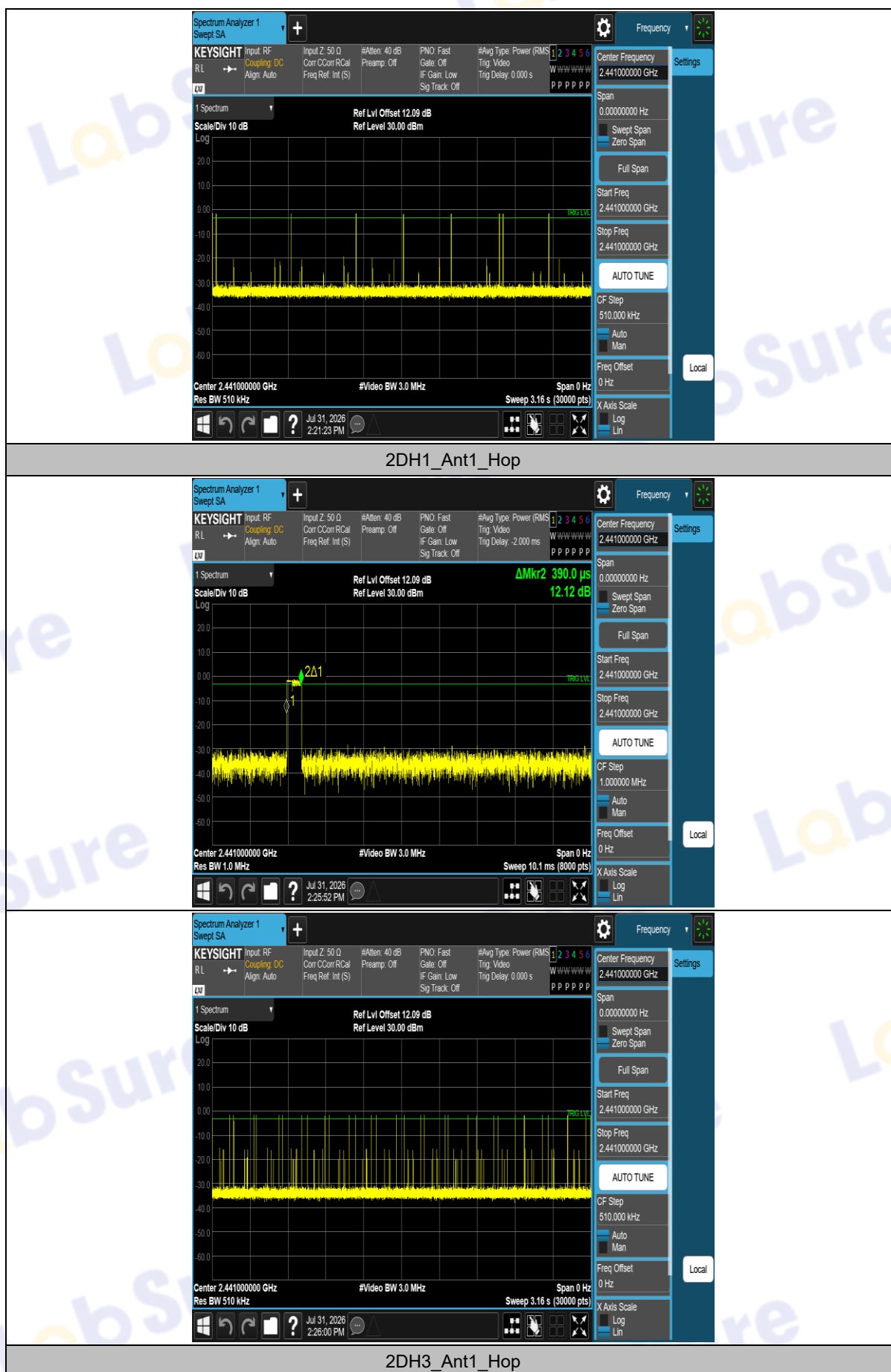
Test Result

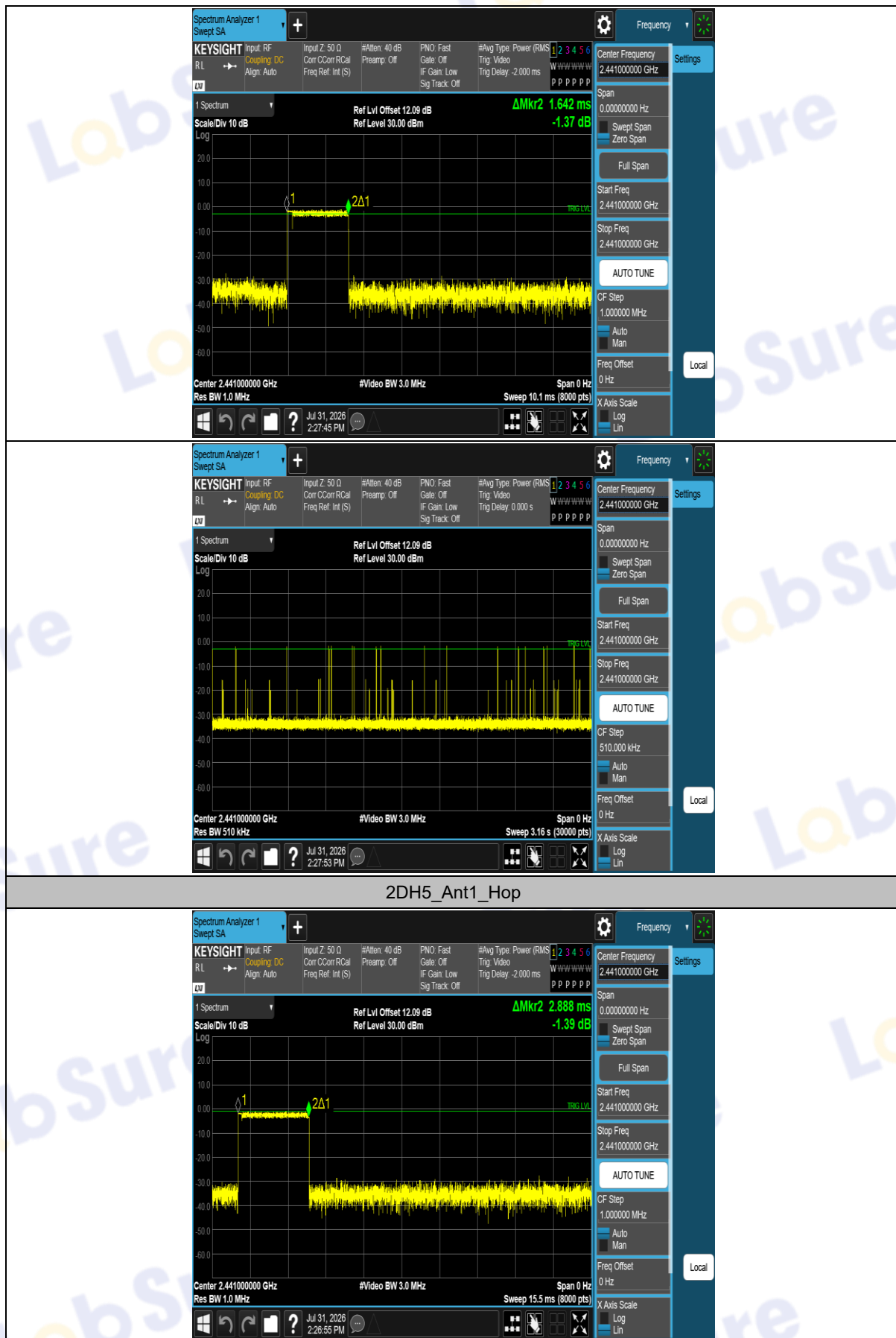
Test Mode	Antenna	Freq (MHz)	BurstWidth [ms]	TotalHops [Num]	Result [s]	Limit [s]	Verdict
DH1	Ant1	Hop	0.381	330	0.126	≤0.4	PASS
DH3	Ant1	Hop	1.637	170	0.278	≤0.4	PASS
DH5	Ant1	Hop	2.884	90	0.26	≤0.4	PASS
2DH1	Ant1	Hop	0.390	330	0.129	≤0.4	PASS
2DH3	Ant1	Hop	1.642	190	0.312	≤0.4	PASS
2DH5	Ant1	Hop	2.888	130	0.375	≤0.4	PASS
3DH1	Ant1	Hop	0.390	330	0.129	≤0.4	PASS
3DH3	Ant1	Hop	1.640	160	0.262	≤0.4	PASS
3DH5	Ant1	Hop	2.892	90	0.26	≤0.4	PASS

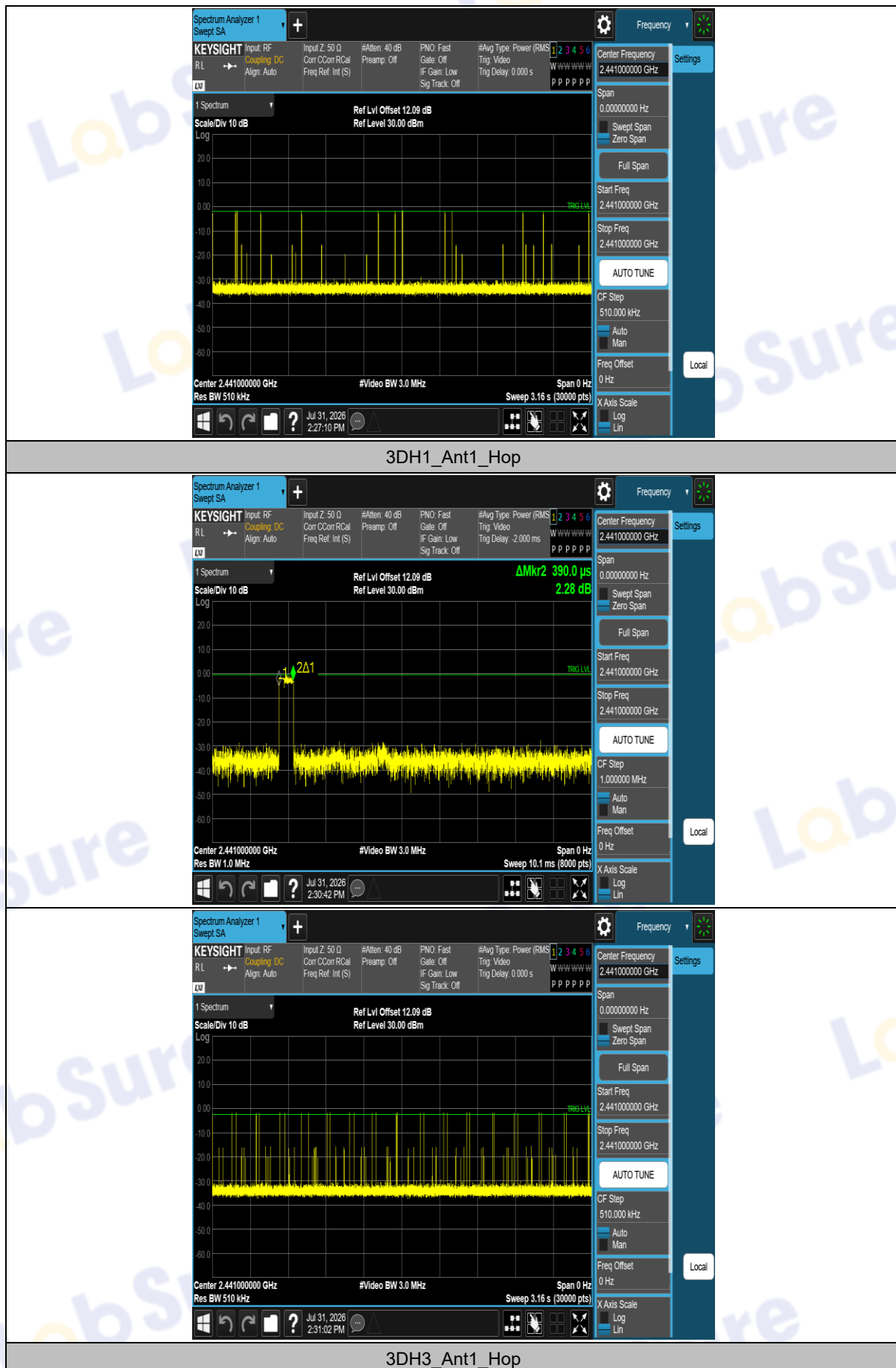
Test Graphs

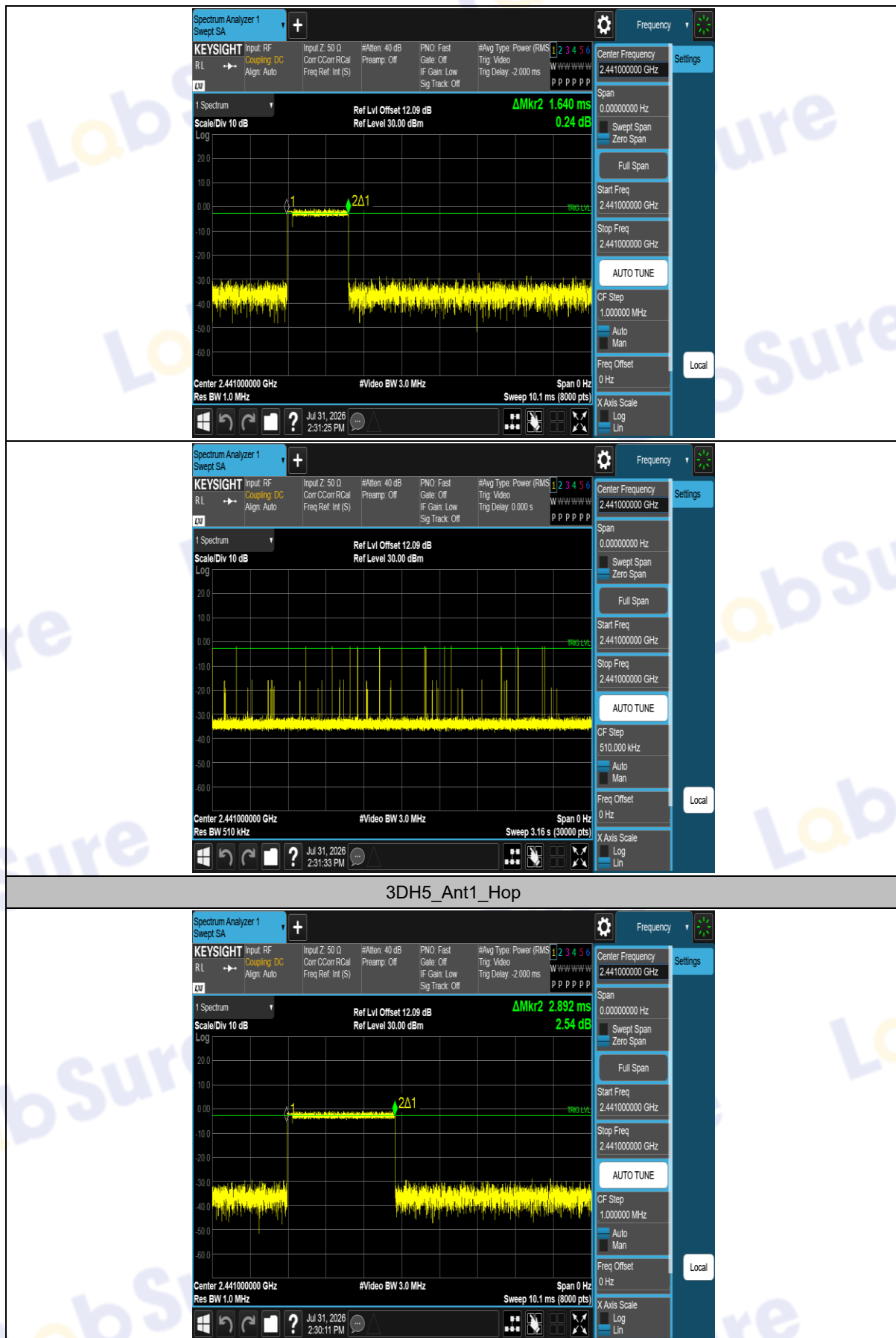


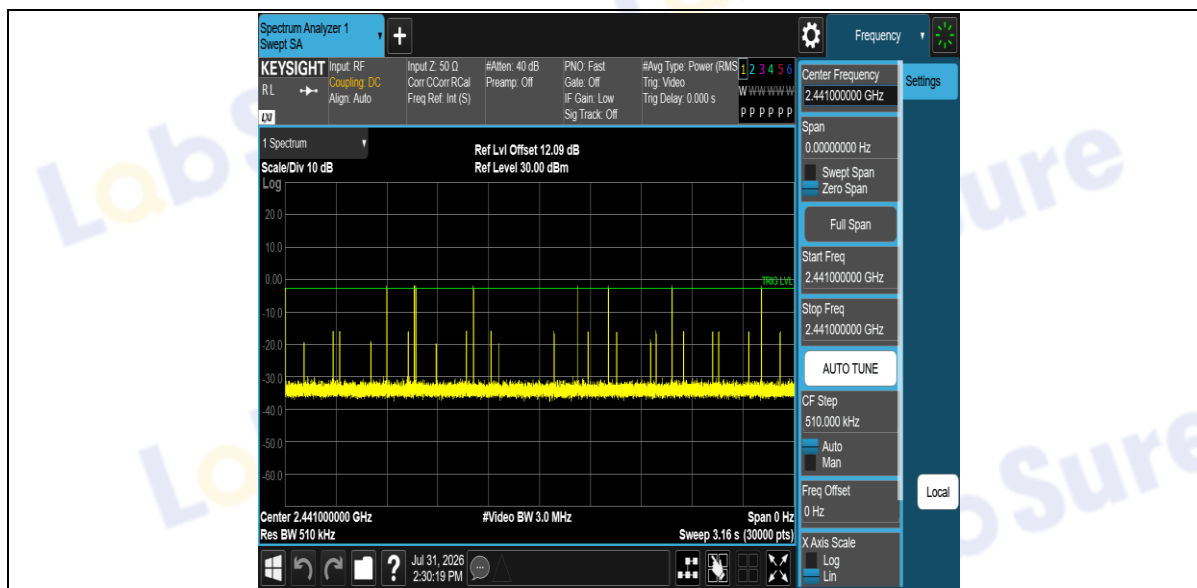










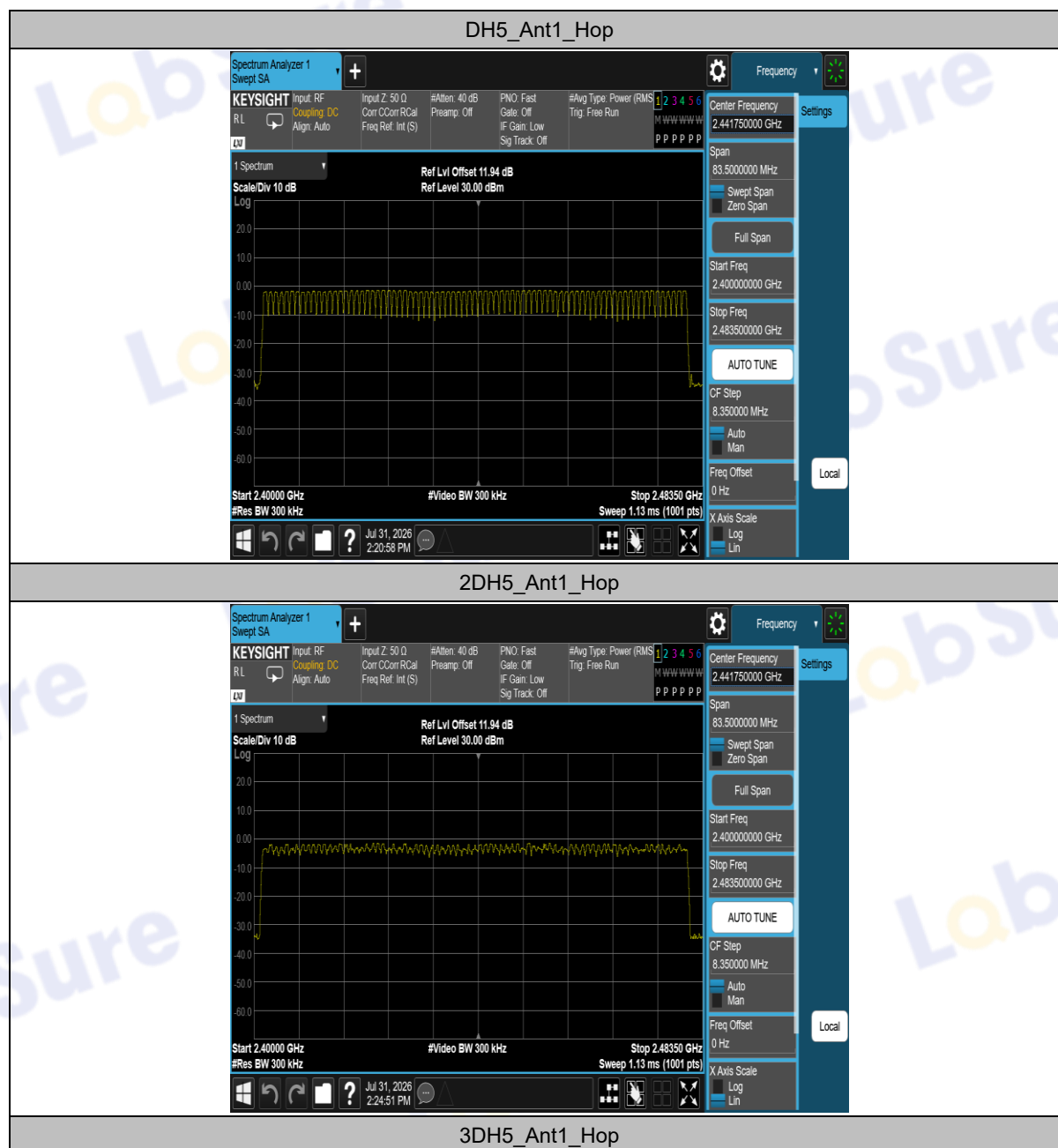


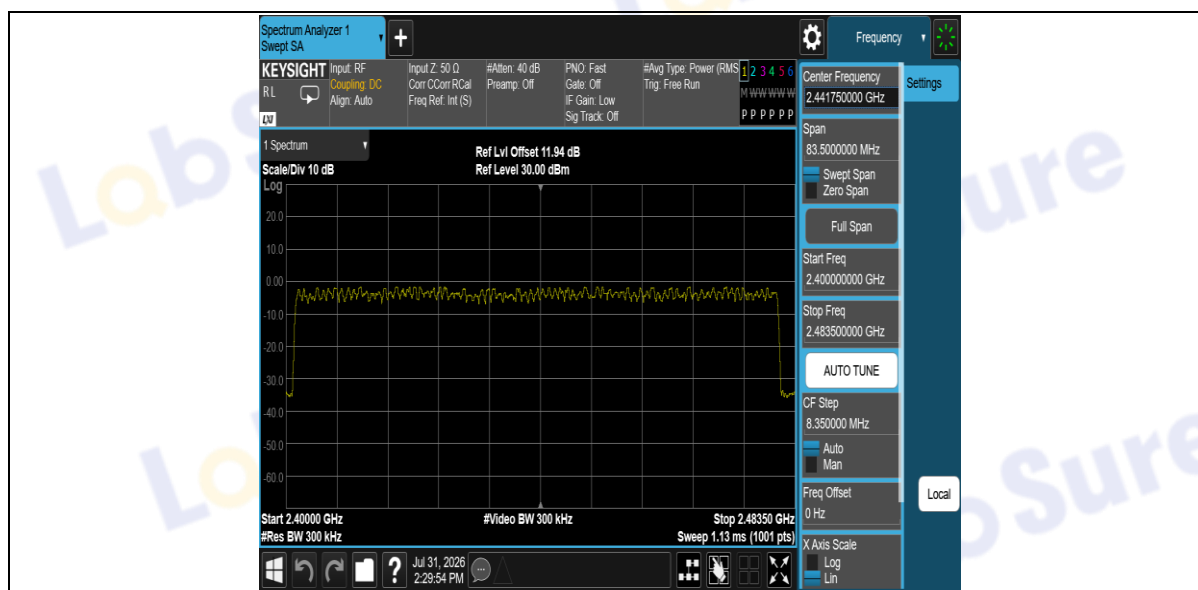
Appendix A.6: Number of Hopping Channels

Test Result

Test Mode	Antenna	Freq (MHz)	Result [Num]	Limit [Num]	Verdict
DH5	Ant1	Hop	79	≥15	PASS
2DH5	Ant1	Hop	79	≥15	PASS
3DH5	Ant1	Hop	79	≥15	PASS

Test Graphs





Appendix A.7: Reference Level Measurement

Test Result

Test Mode	Antenna	Freq (MHz)	Max.Point [MHz]	Result [dBm]
DH5	Ant1	2402	2402.07	-2.58
		2441	2441.11	-2.43
		2480	2480.10	-2.15
2DH5	Ant1	2402	2402.23	-2.42
		2441	2440.90	-1.99
		2480	2479.89	-1.59
3DH5	Ant1	2402	2402.21	-2.14
		2441	2441.04	-2.16
		2480	2480.23	-2.05

Figure 10 shows three screenshots of a Keysight Spectrum Analyzer (SA) displaying the spectrum of the DH5_Ant1_2402, DH5_Ant1_2441, and DH5_Ant1_2480. The screenshots are arranged vertically, showing the same interface with different center frequencies and peak markers.

Top Screenshot (DH5_Ant1_2402): The center frequency is 2.402000 GHz. The peak marker Mkr1 is at 2.402069 GHz with a level of -2.58 dBm. The span is 3.000 MHz, and the resolution bandwidth (RBW) is 300 kHz.

Middle Screenshot (DH5_Ant1_2441): The center frequency is 2.441000 GHz. The peak marker Mkr1 is at 2.441111 GHz with a level of -2.43 dBm. The span is 3.000 MHz, and the resolution bandwidth (RBW) is 300 kHz.

Bottom Screenshot (DH5_Ant1_2480): The center frequency is 2.480000 GHz. The peak marker Mkr1 is at 2.480000 GHz with a level of -2.43 dBm. The span is 3.000 MHz, and the resolution bandwidth (RBW) is 300 kHz.

The interface includes various controls such as Input RF, Coupling, DC, Attenuation, PNO, Best Wide, Gate, Off, Avg Type, Power, RMS, and Span. The X-axis scale is set to Log, and the Y-axis scale is set to dBm.