

Appendix A: Test Results of Classic Bluetooth

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Appendix A.1: Test Results of 20dB Bandwidth

Test Result

TestMode	Antenna	Channel	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	1.017	2401.499	2402.516	---	PASS
		2441	0.966	2440.550	2441.516	---	PASS
		2480	1.020	2479.496	2480.516	---	PASS
3DH5	Ant1	2402	1.269	2401.376	2402.645	---	PASS
		2441	1.302	2440.370	2441.672	---	PASS
		2480	1.260	2479.379	2480.639	---	PASS

Test Graphs





3DH5 Ant1_2402



3DH5 Ant1_2441



3DH5 Ant1_2480

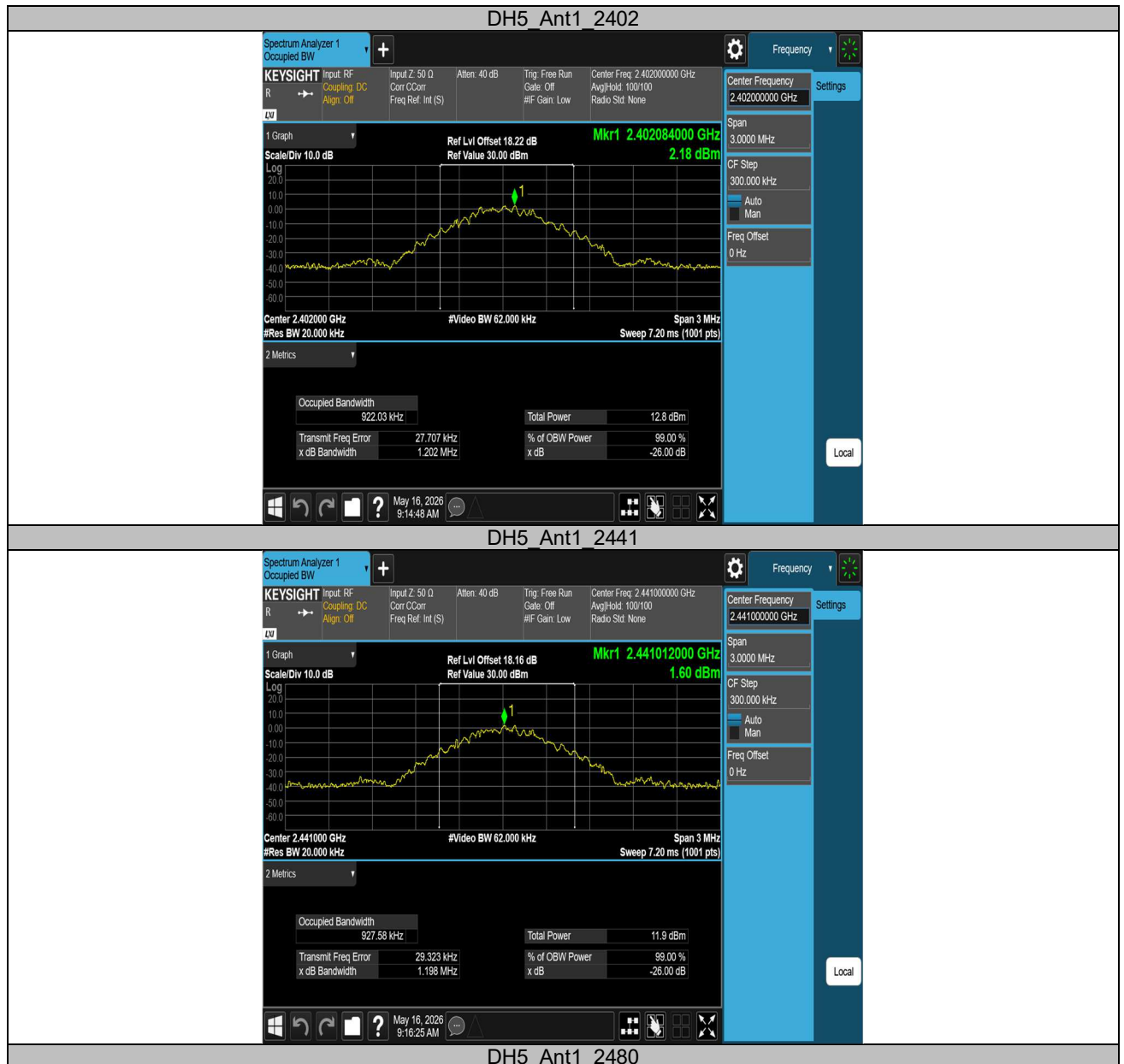


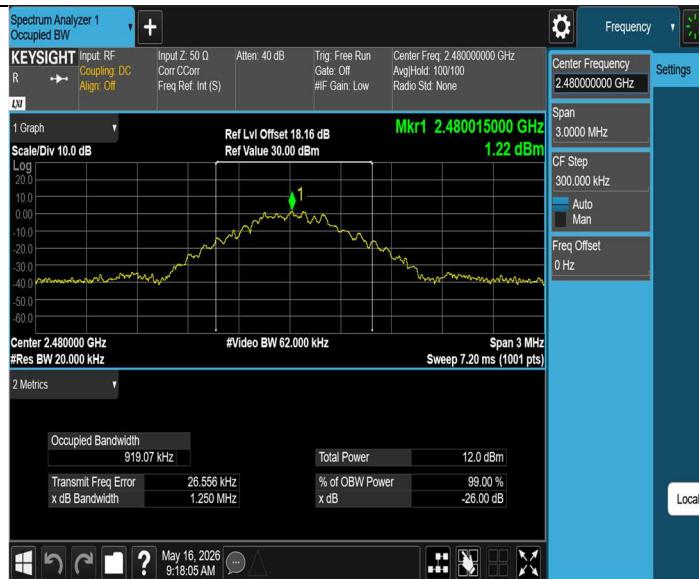
Appendix A.2: Test Results of 99% Bandwidth

Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.92203	2401.5667	2402.4887	---	PASS
		2441	0.92758	2440.5655	2441.4931	---	PASS
		2480	0.91907	2479.5670	2480.4861	---	PASS
3DH5	Ant1	2402	1.1777	2401.4283	2402.6060	---	PASS
		2441	1.1800	2440.4287	2441.6087	---	PASS
		2480	1.1836	2479.4284	2480.6120	---	PASS

Test Graphs





3DH5 Ant1 2402



3DH5 Ant1 2441



3DH5 Ant1 2480



Appendix A.3: Test Results of Carrier Frequency Separation

Test Result

TestMode	Antenna	Channel	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.1	≥ 1.020	PASS
3DH5	Ant1	Hop	0.982	≥ 0.868	PASS

Test Graphs

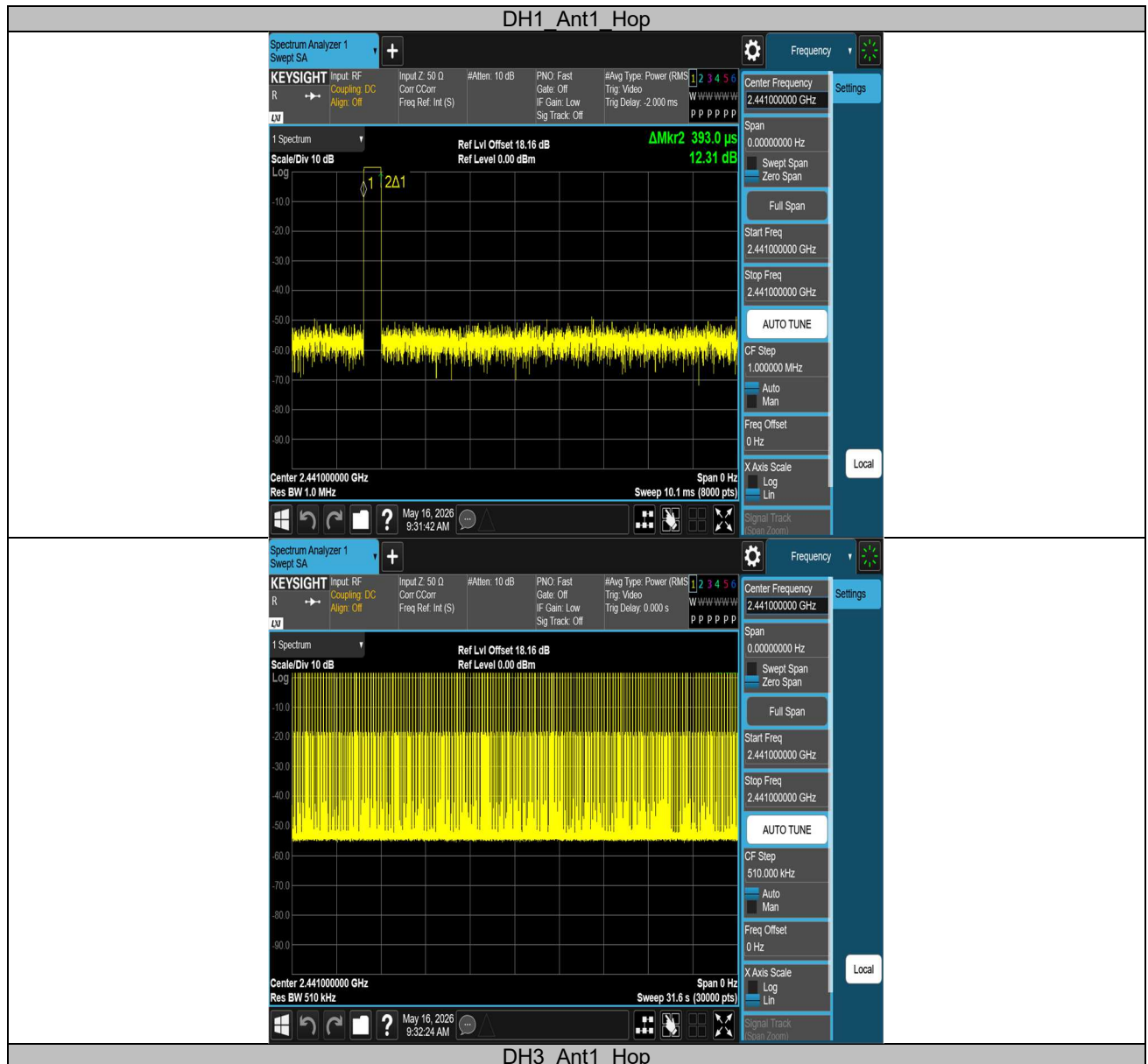


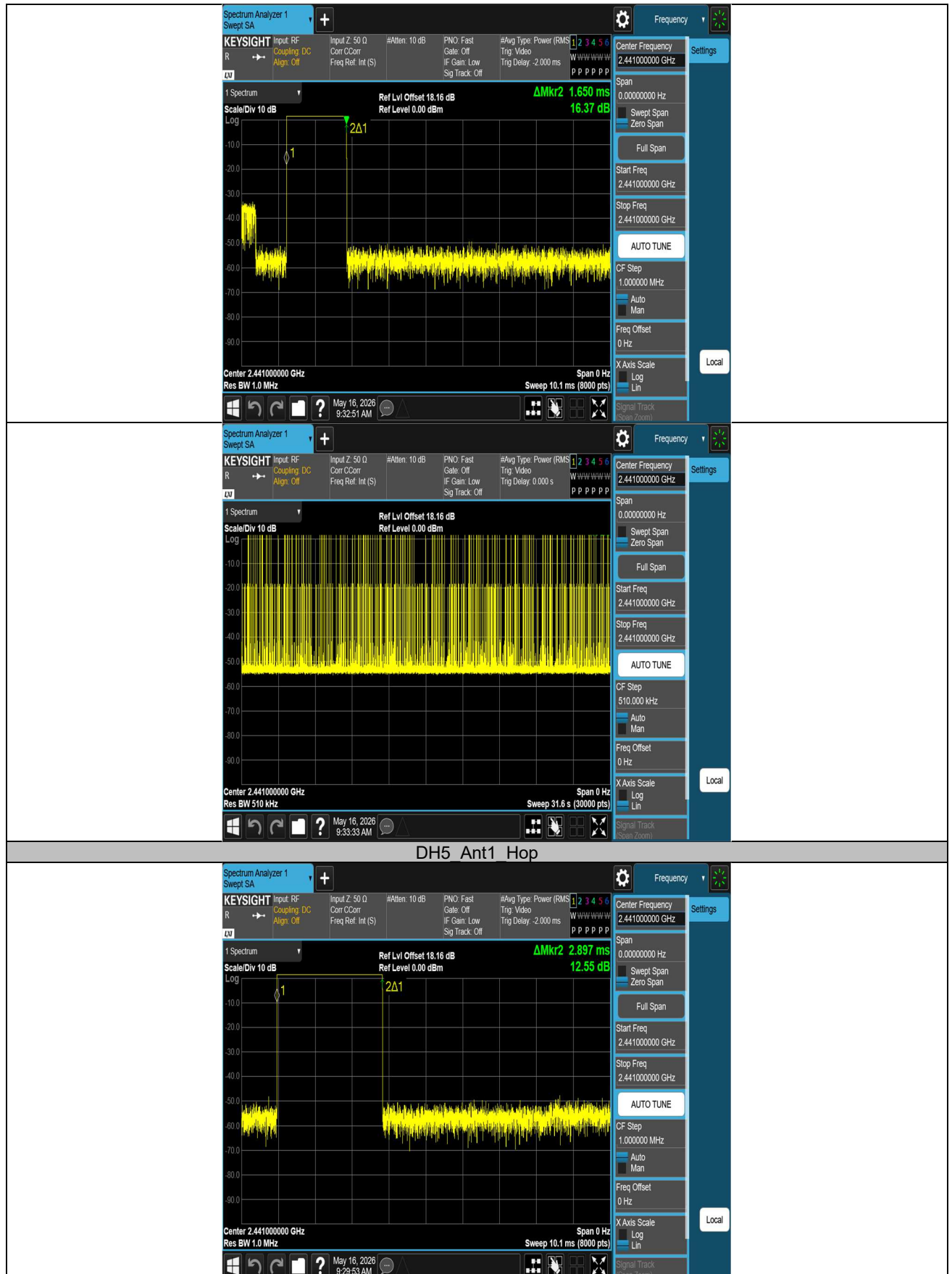
Appendix A.4: Test Results of Time of Occupancy

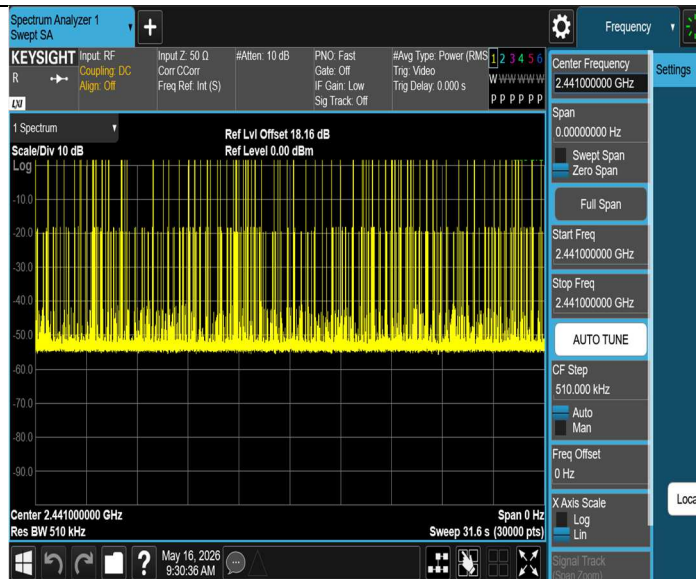
Test Result

TestMode	Antenna	Channel	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.393	319	0.125	≤0.4	PASS
DH3	Ant1	Hop	1.650	155	0.256	≤0.4	PASS
DH5	Ant1	Hop	2.897	104	0.301	≤0.4	PASS
3DH1	Ant1	Hop	0.403	319	0.129	≤0.4	PASS
3DH3	Ant1	Hop	1.653	159	0.263	≤0.4	PASS
3DH5	Ant1	Hop	2.904	111	0.322	≤0.4	PASS

Test Graphs







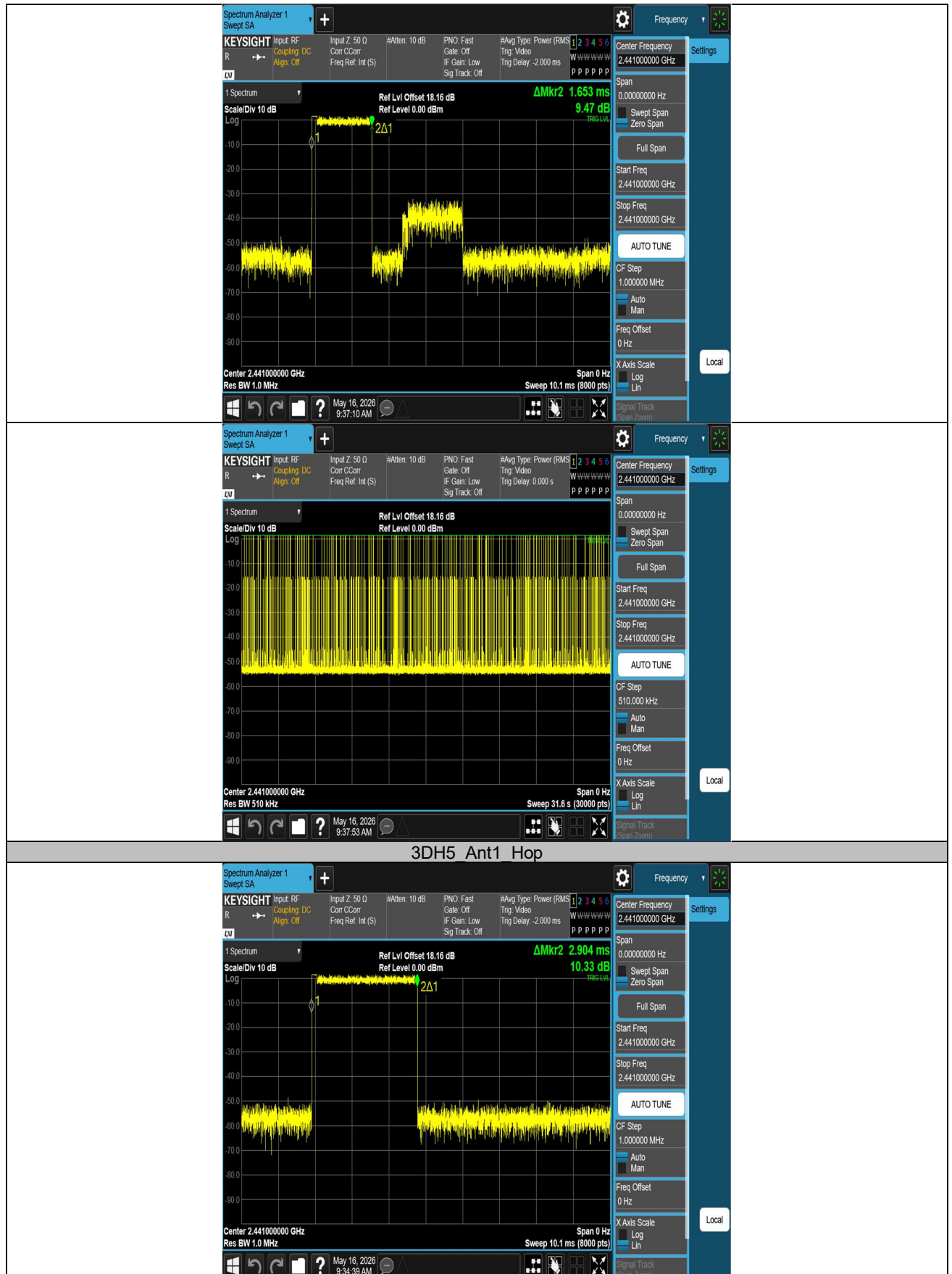
3DH1_Ant1_Hop

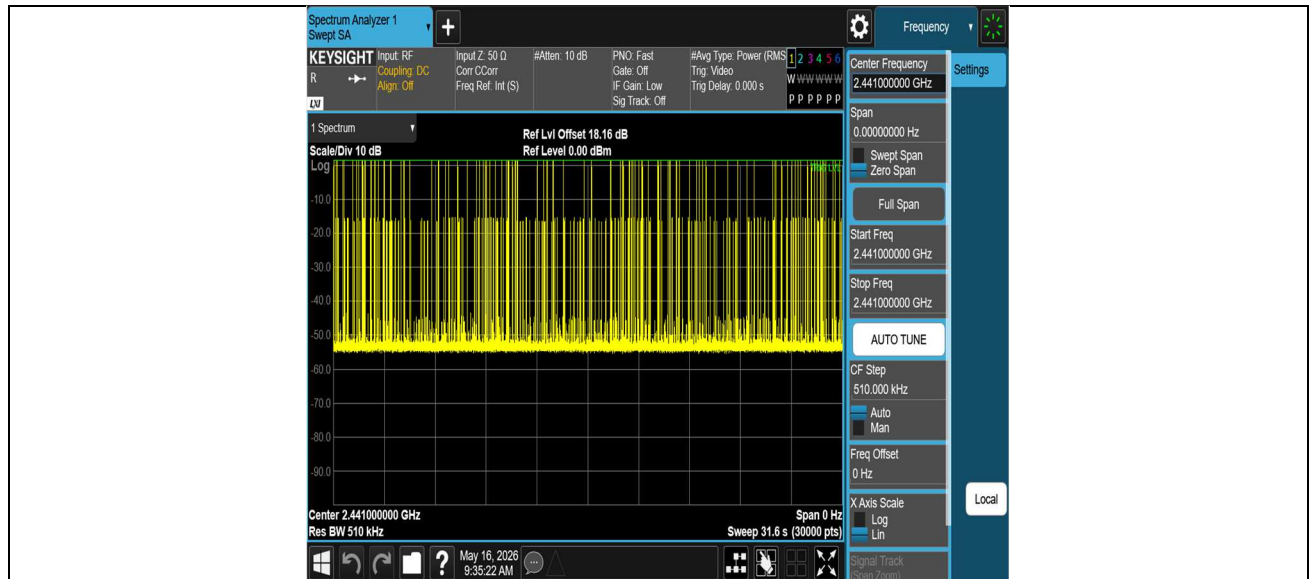


3DH3_Ant1_Hop



3DH3_Ant1_Hop





Appendix A.5: Test Results of Number of Hopping Frequency

Test Result

TestMode	Antenna	Channel	Result[Num]	Limit[Num]	Verdict
DH5	Ant1	Hop	79	≥15	PASS
3DH5	Ant1	Hop	79	≥15	PASS

Test Graphs



Appendix A.6: Test Results of Band Edge Measurements

Test Result

TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	5.76	-41.60	≤-14.24	PASS
		High	2480	5.11	-41.66	≤-14.89	PASS
3DH5	Ant1	Low	2402	2.80	-39.14	≤-17.20	PASS
		High	2480	1.72	-40.90	≤-18.28	PASS
DH5	Ant1	Hopping	2402	5.83	-41.65	≤-14.17	PASS
		Hopping	2480	4.10	-41.43	≤-15.90	PASS
3DH5	Ant1	Hopping	2402	-3.38	-42.03	≤-23.38	PASS
		Hopping	2480	0.20	-41.47	≤-19.80	PASS

Test Graphs





3DH5 Ant1 High 2480



DH5 Ant1 Hopping 2402



DH5 Ant1 Hopping 2480



3DH5_Ant1_Hopping_2402



3DH5_Ant1_Hopping_2480

