

Appendix A: Test Results of Bluetooth BR & EDR

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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	0.798	2401.601	2402.399	---	PASS
		2441	0.801	2440.598	2441.399	---	PASS
		2480	0.804	2479.595	2480.399	---	PASS
3DH5	Ant1	2402	1.287	2401.346	2402.633	---	PASS
		2441	1.332	2440.328	2441.660	---	PASS
		2480	1.299	2479.346	2480.645	---	PASS

Test Graphs





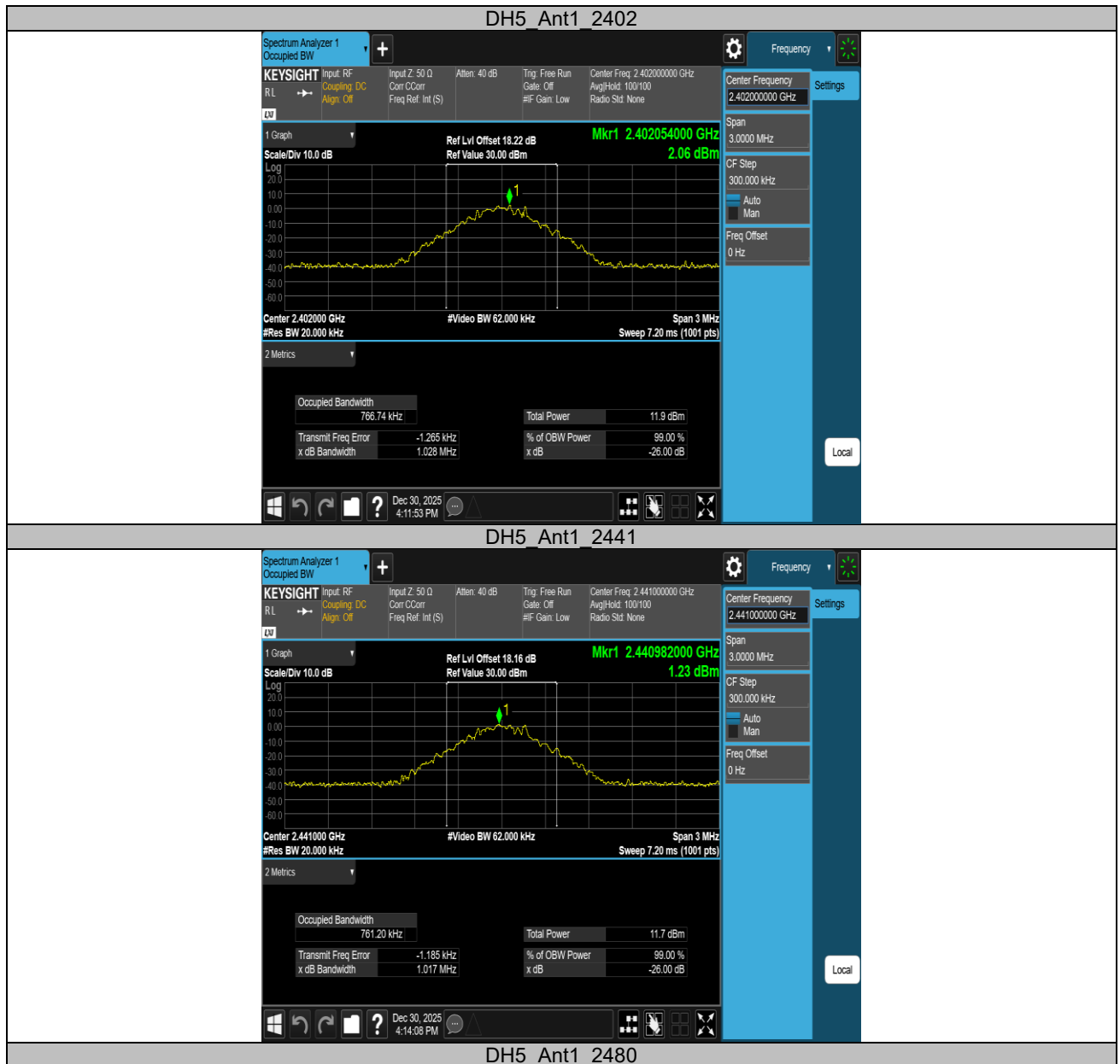


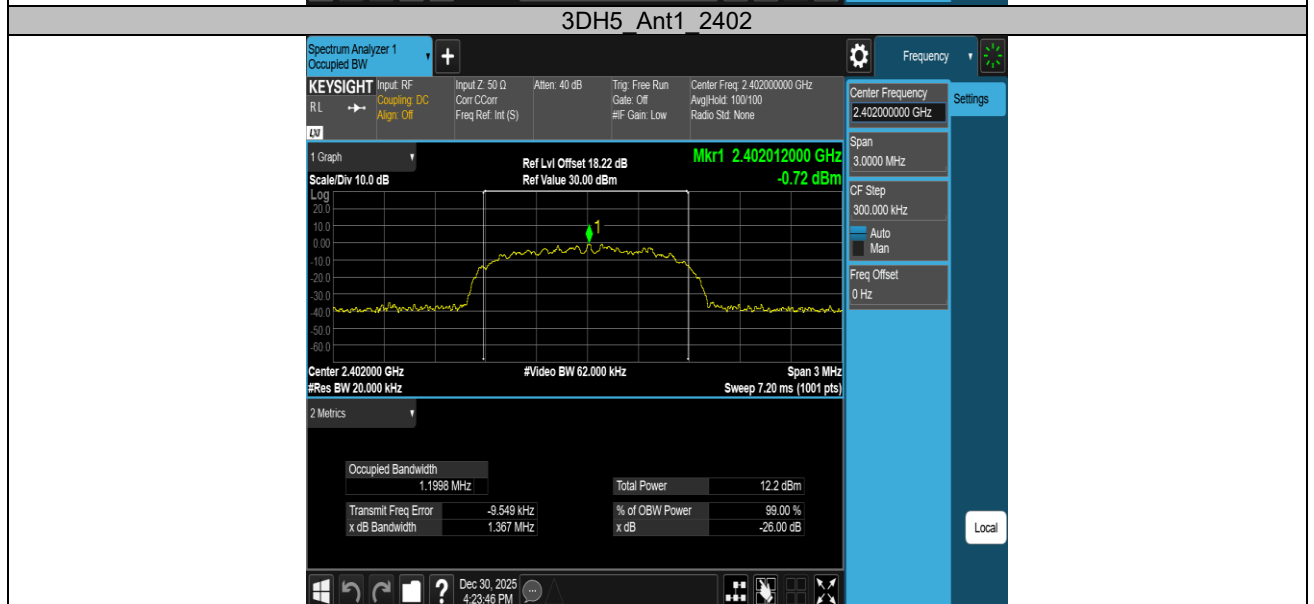
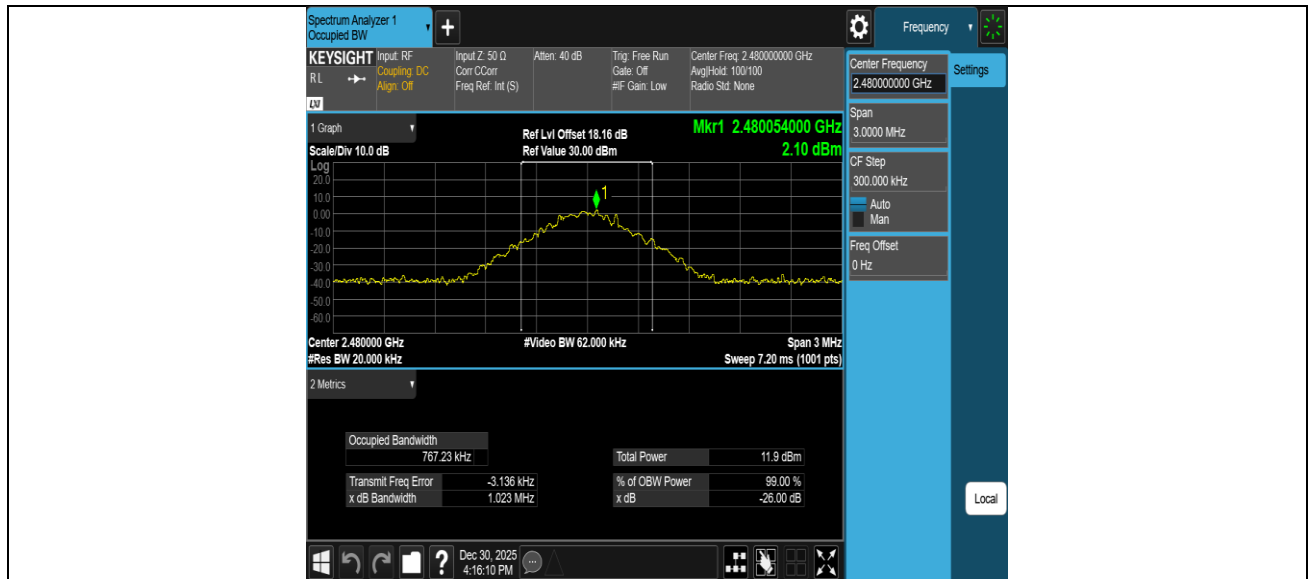
Appendix A.2: Test Results of 99% Bandwidth

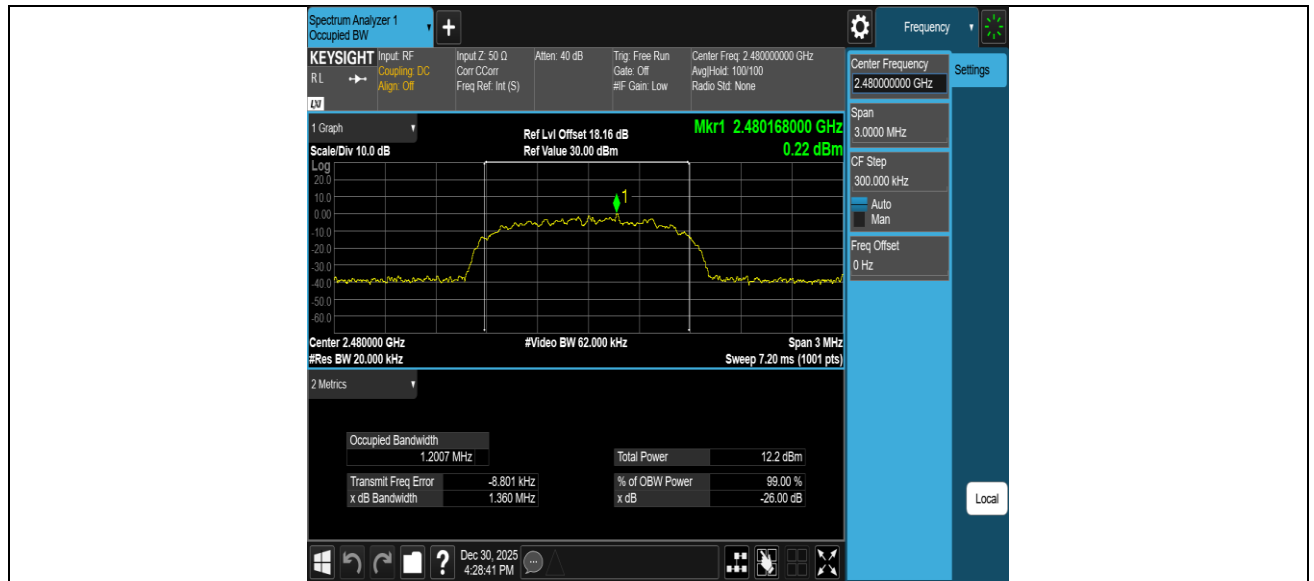
Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.76674	2401.6154	2402.3821	---	PASS
		2441	0.76120	2440.6182	2441.3794	---	PASS
		2480	0.76723	2479.6132	2480.3805	---	PASS
3DH5	Ant1	2402	1.1998	2401.3906	2402.5904	---	PASS
		2441	1.1971	2440.3917	2441.5888	---	PASS
		2480	1.2007	2479.3909	2480.5916	---	PASS

Test Graphs







Appendix A.3: Test Results of Carrier Frequency Separation

Test Result

TestMode	Antenna	Channel	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.002	≥ 0.804	PASS
3DH5	Ant1	Hop	0.962	≥ 0.888	PASS

Test Graphs

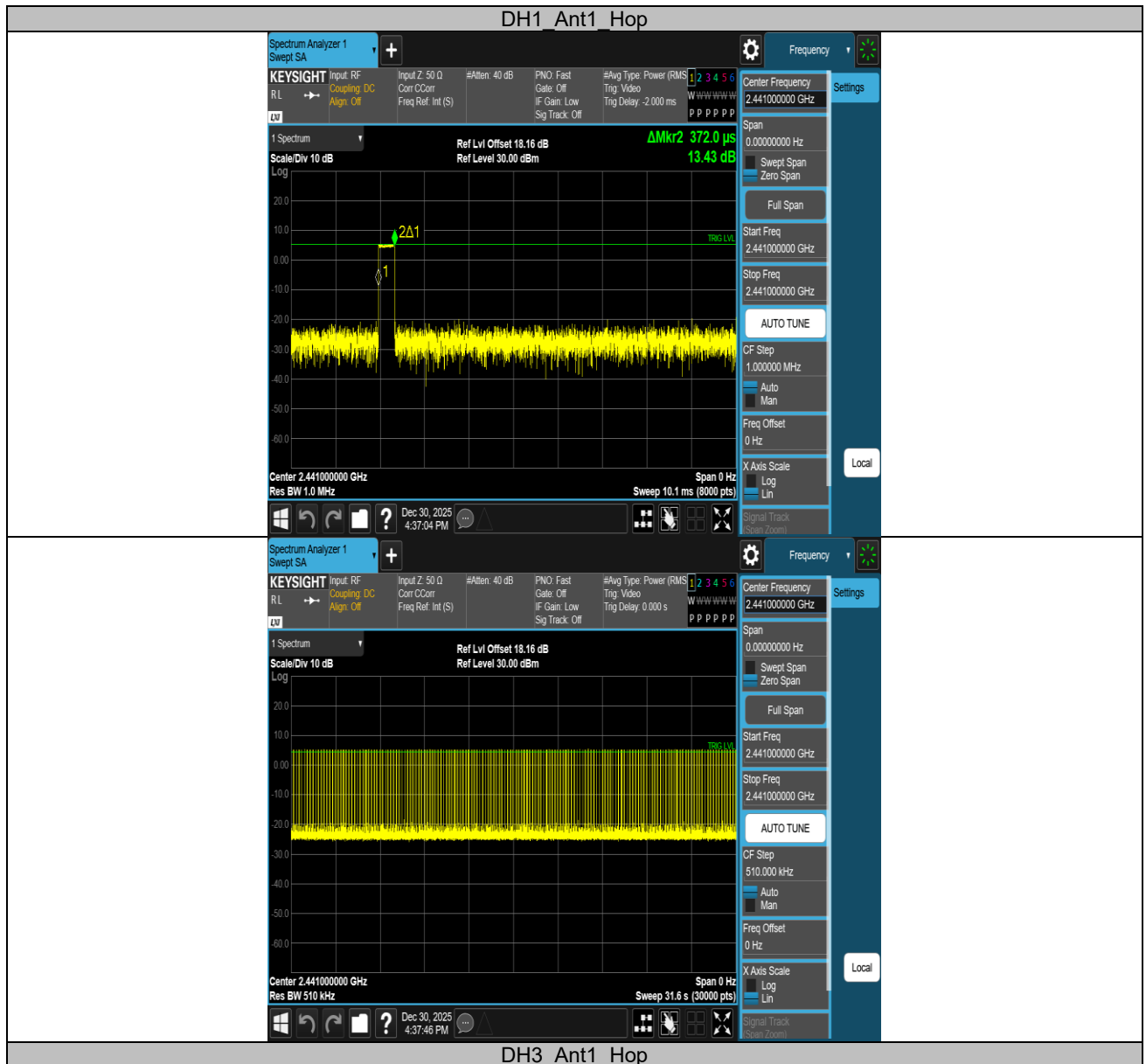


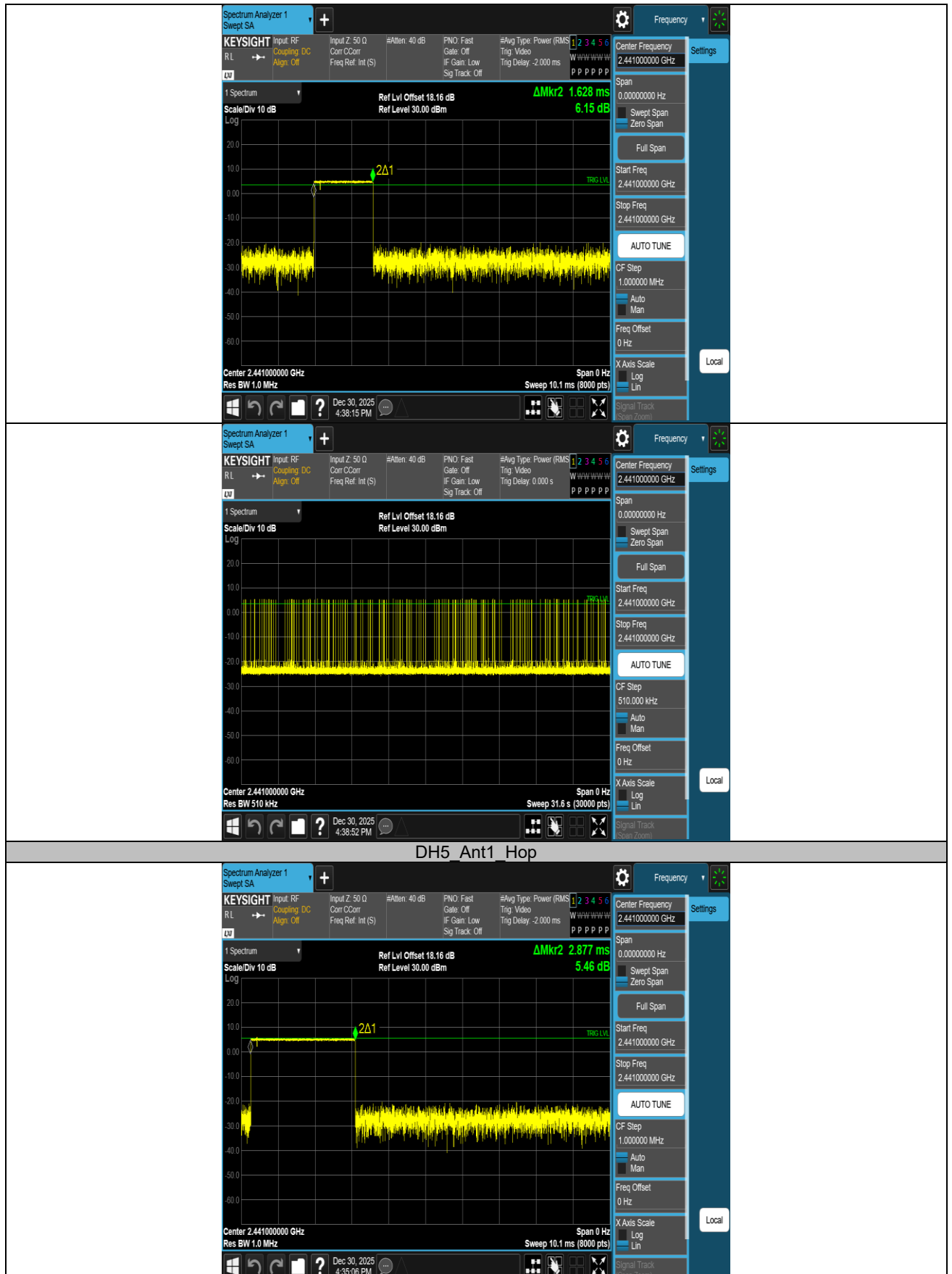
Appendix A.4: Test Results of Time of Occupancy

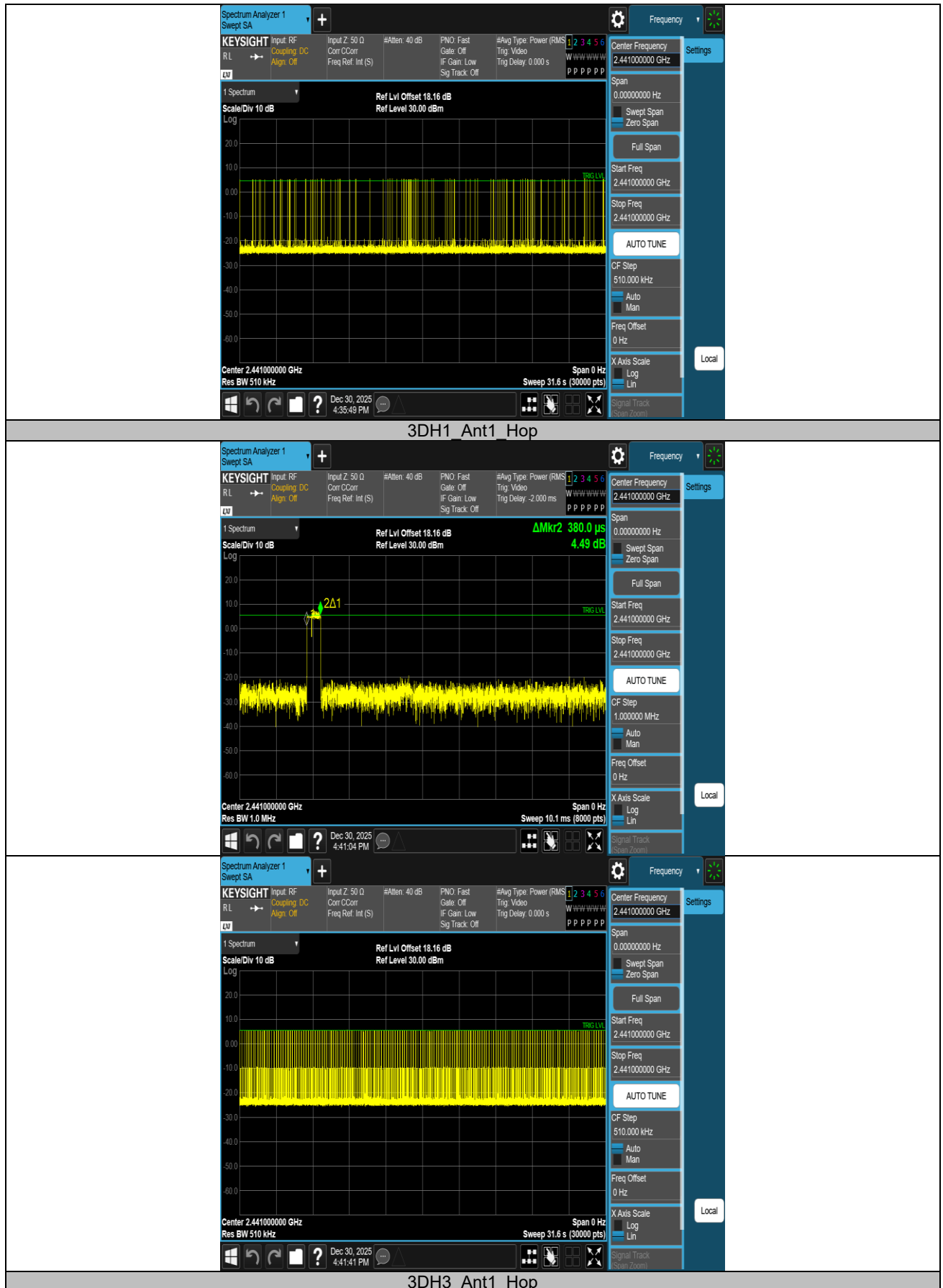
Test Result

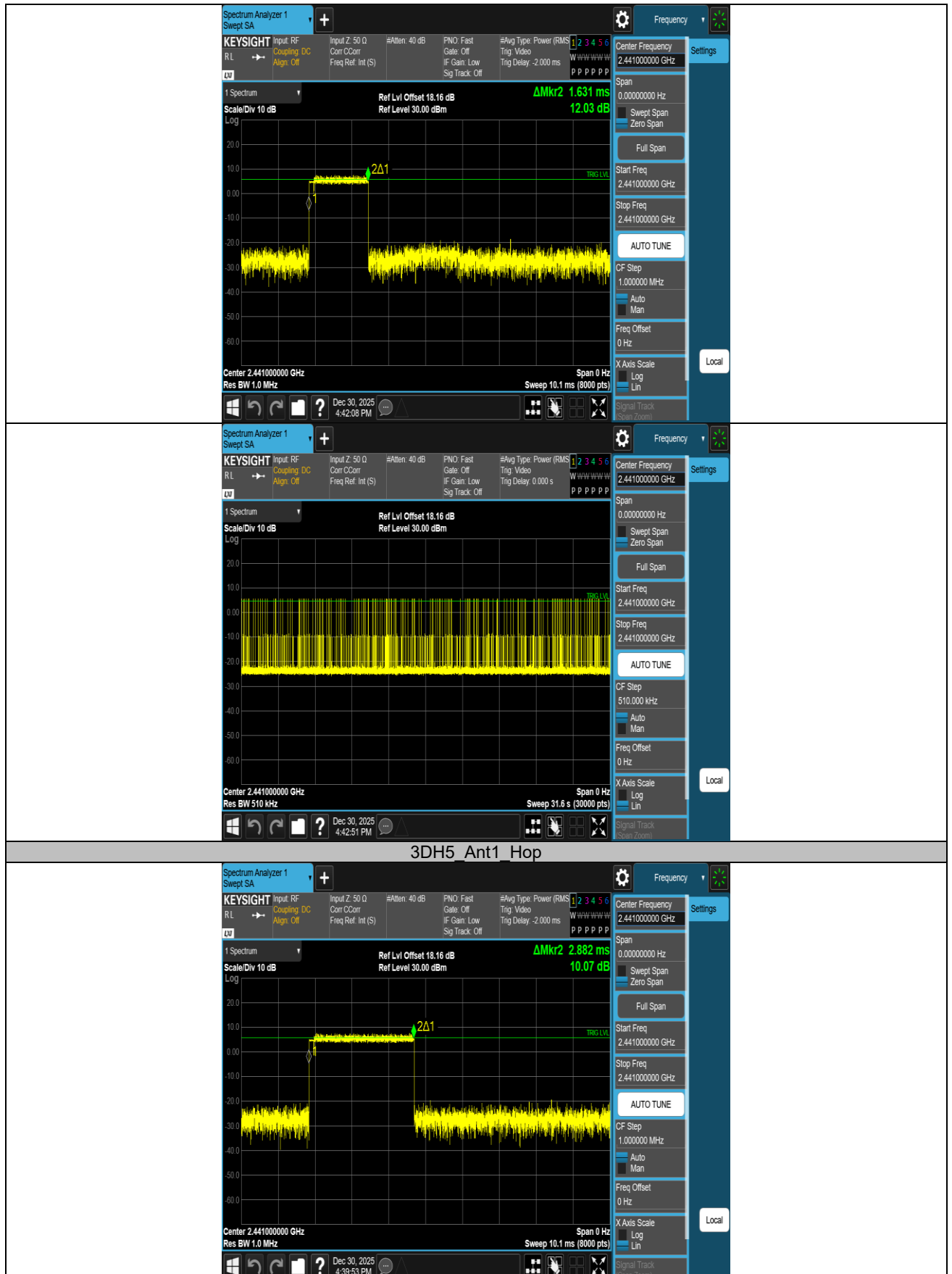
TestMode	Antenna	Channel	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.372	315	0.117	≤0.4	PASS
DH3	Ant1	Hop	1.628	157	0.256	≤0.4	PASS
DH5	Ant1	Hop	2.877	105	0.302	≤0.4	PASS
3DH1	Ant1	Hop	0.380	314	0.119	≤0.4	PASS
3DH3	Ant1	Hop	1.631	162	0.264	≤0.4	PASS
3DH5	Ant1	Hop	2.882	113	0.326	≤0.4	PASS

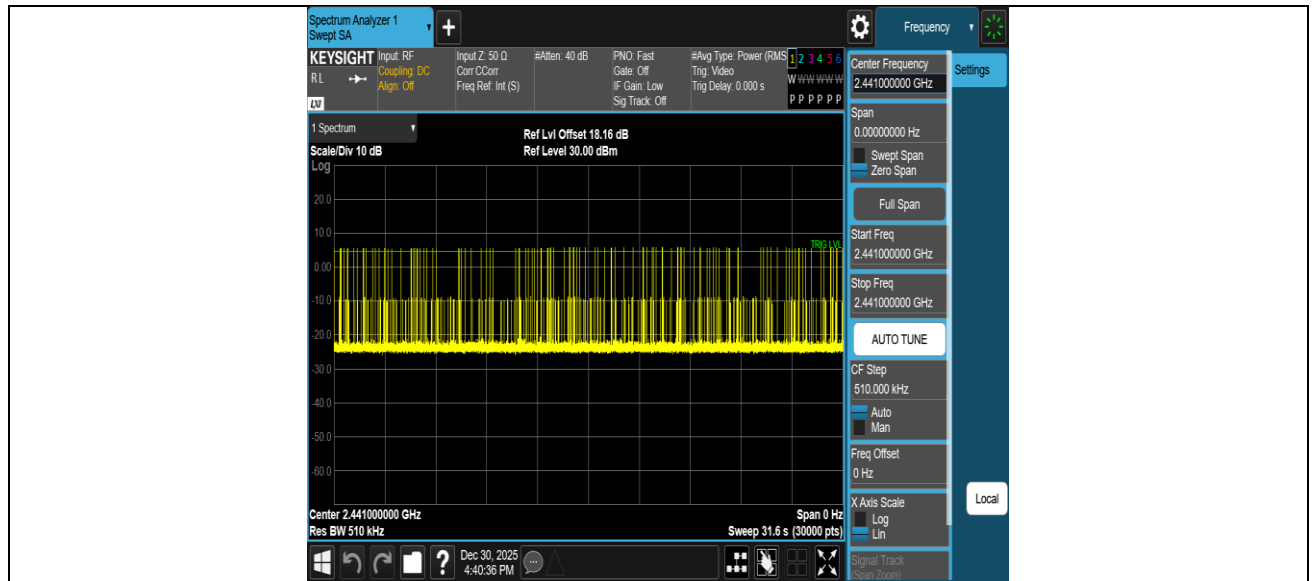
Test Graphs









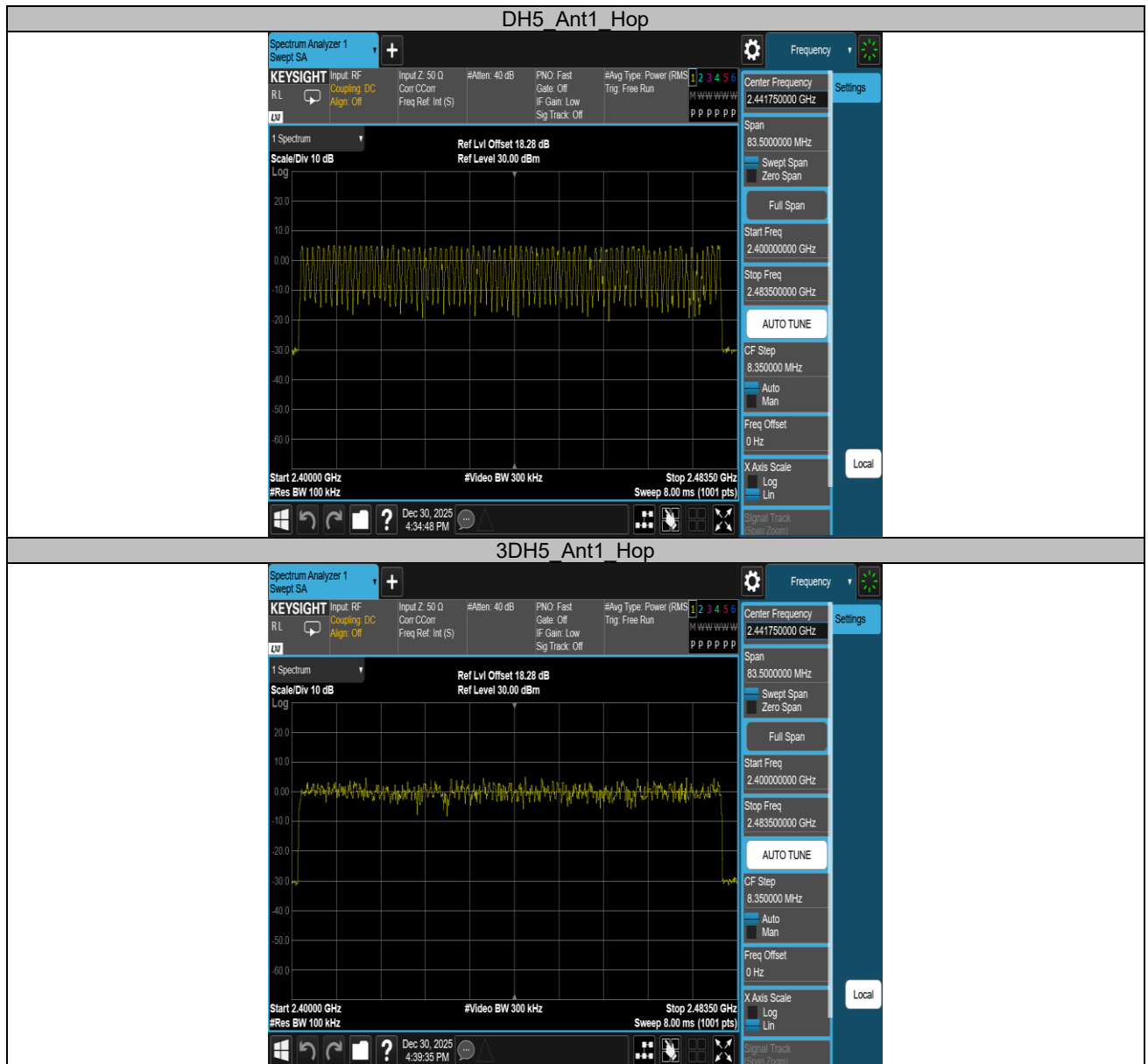


Appendix A.5: Test Results of Number of Hopping Frequency

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	5.26	-41.61	≤-14.74	PASS
		High	2480	5.10	-41.65	≤-14.90	PASS
3DH5	Ant1	Low	2402	5.32	-42.88	≤-14.68	PASS
		High	2480	4.81	-42.23	≤-15.19	PASS
DH5	Ant1	Hopping	2402	5.44	-43.37	≤-14.56	PASS
		Hopping	2480	4.71	-43.03	≤-15.29	PASS
3DH5	Ant1	Hopping	2402	3.02	-42.67	≤-16.98	PASS
		Hopping	2480	2.19	-40.45	≤-17.81	PASS

Test Graphs





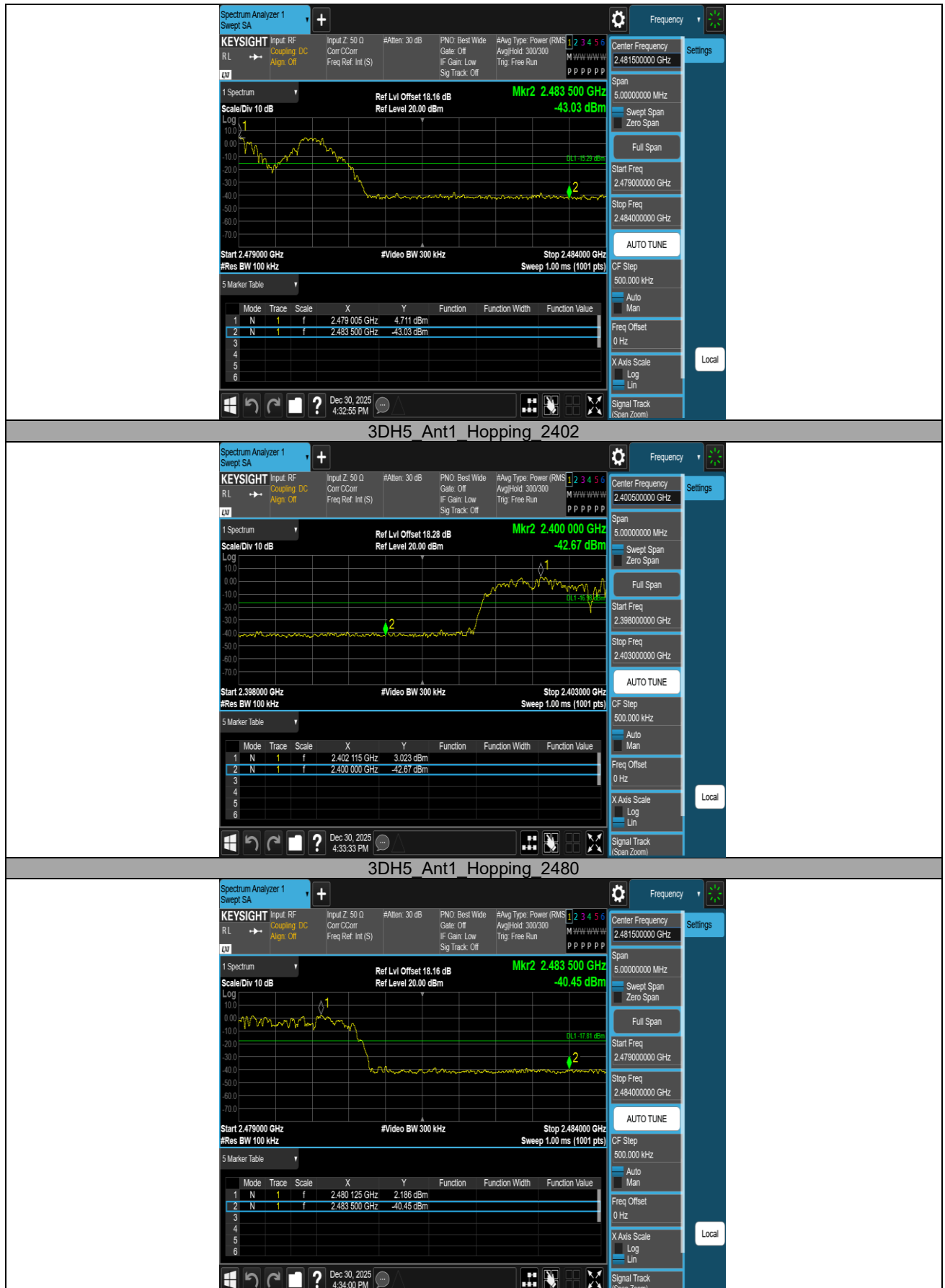
3DH5 Ant1 High 2480



DH5 Ant1 Hopping 2402



DH5_Ant1_Hopping_2480

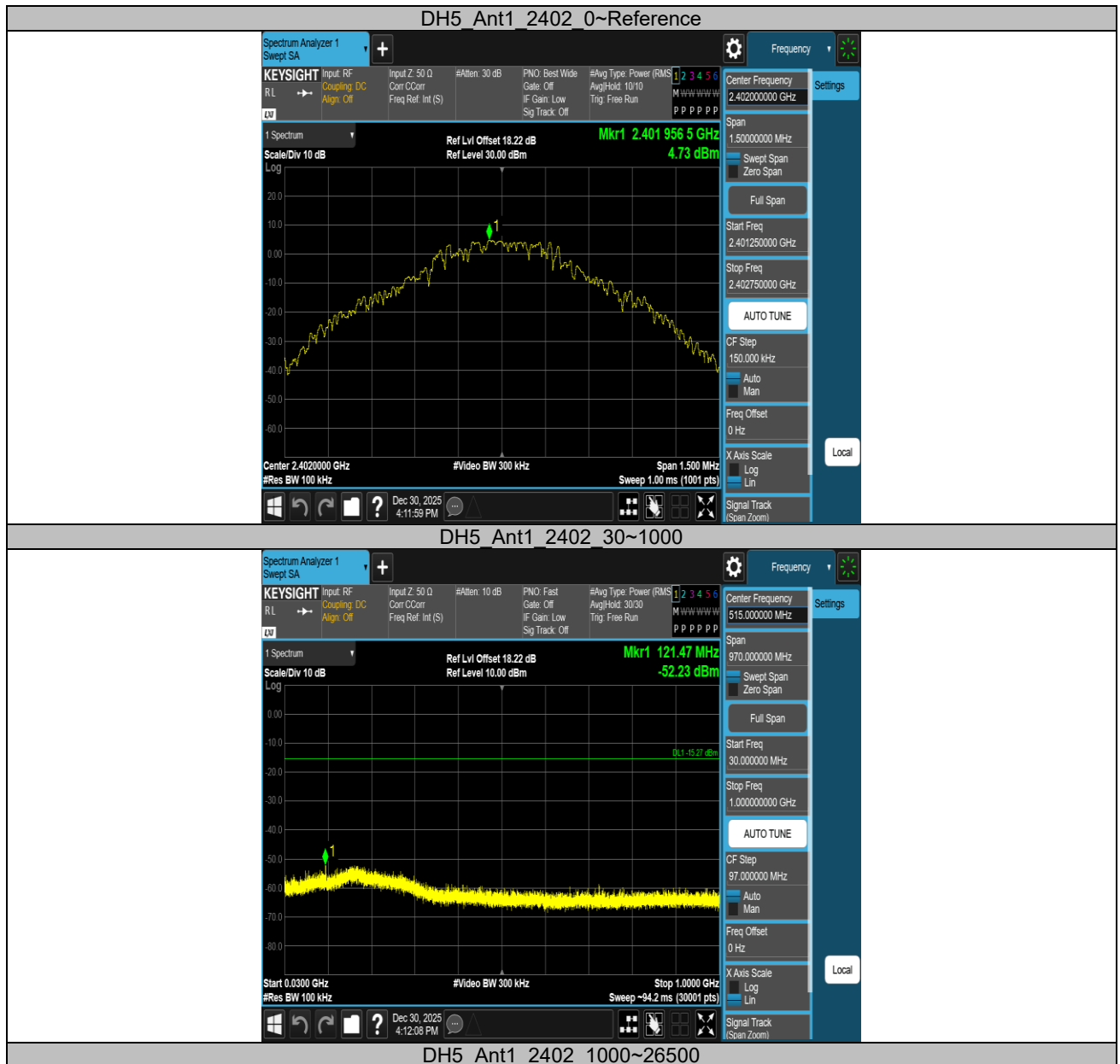


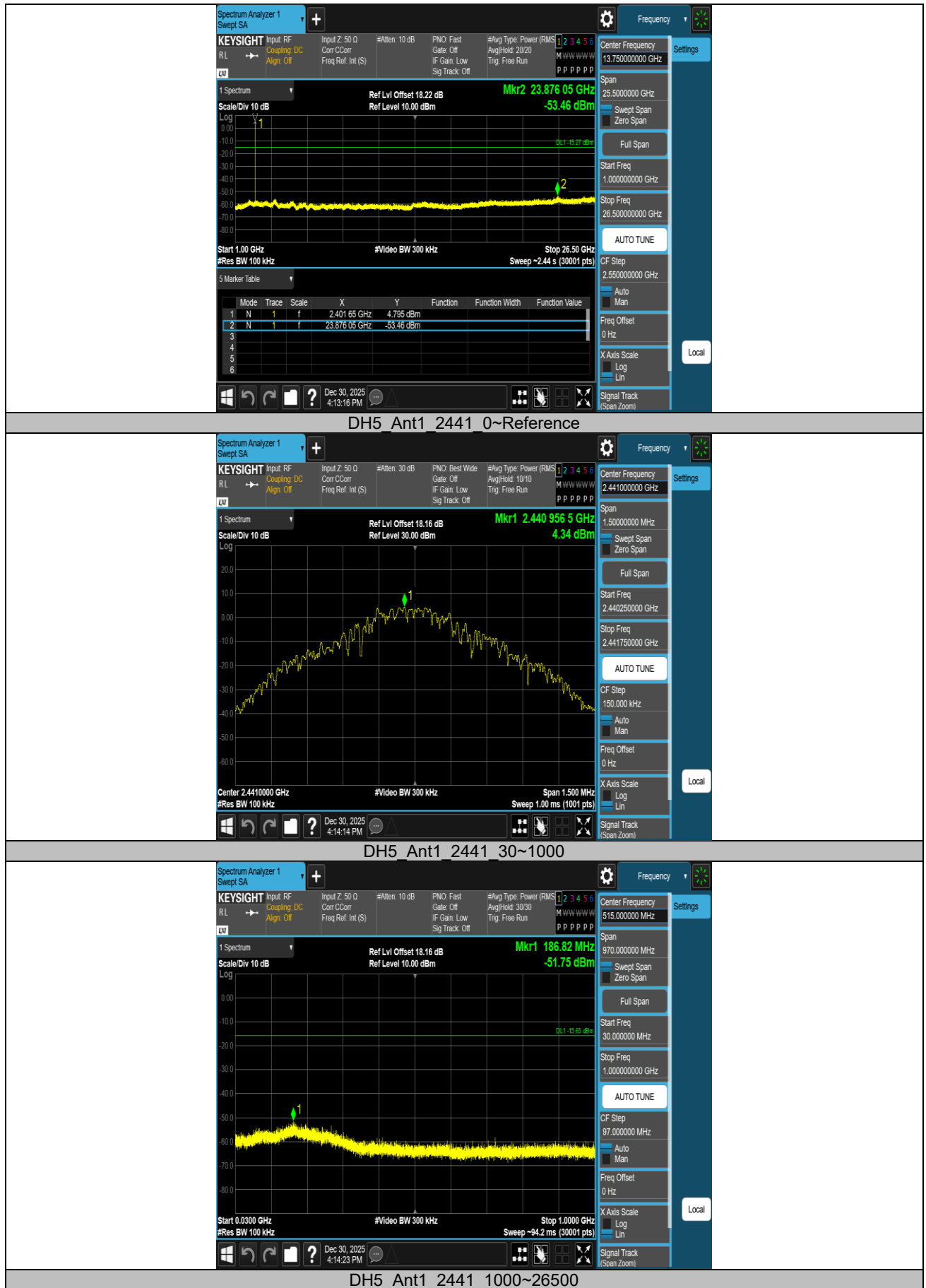
Appendix A.7: Test Results of Conducted Spurious Emission

Test Result

TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	Reference	4.73	4.73	---	PASS
			30~1000	4.73	-52.23	≤-15.27	PASS
			1000~26500	4.73	-53.46	≤-15.27	PASS
		2441	Reference	4.35	4.35	---	PASS
			30~1000	4.35	-51.75	≤-15.65	PASS
			1000~26500	4.35	-53.8	≤-15.65	PASS
		2480	Reference	4.82	4.82	---	PASS
			30~1000	4.82	-52.07	≤-15.18	PASS
			1000~26500	4.82	-53.8	≤-15.18	PASS
3DH5	Ant1	2402	Reference	4.58	4.58	---	PASS
			30~1000	4.58	-51.34	≤-15.42	PASS
			1000~26500	4.58	-53.98	≤-15.42	PASS
		2441	Reference	4.61	4.61	---	PASS
			30~1000	4.61	-51.26	≤-15.39	PASS
			1000~26500	4.61	-53.97	≤-15.39	PASS
		2480	Reference	4.53	4.53	---	PASS
			30~1000	4.53	-51.48	≤-15.47	PASS
			1000~26500	4.53	-53.74	≤-15.47	PASS

Test Graphs



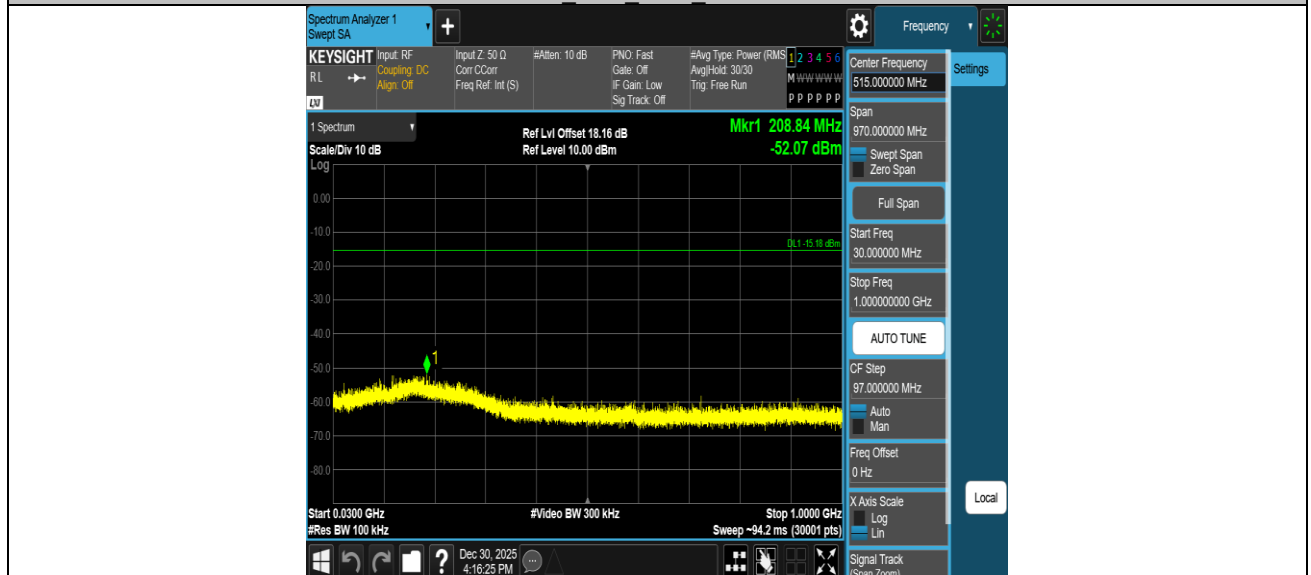




DH5 Ant1 2480 0~Reference



DH5 Ant1 2480 30~1000



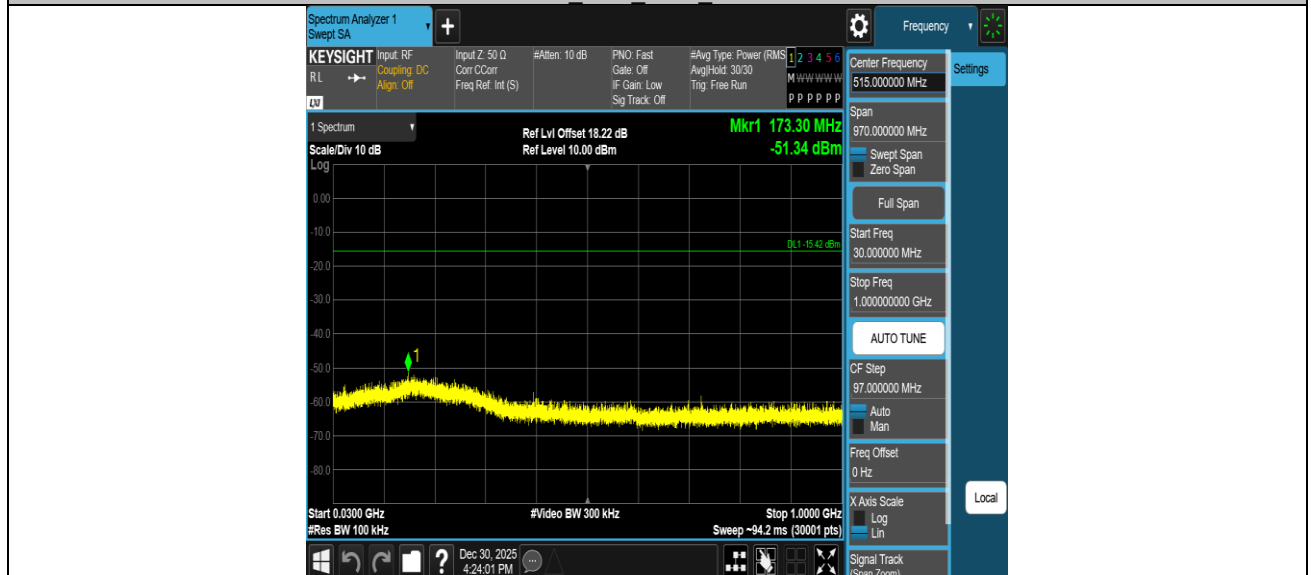
DH5 Ant1 2480 1000~26500



3DH5_Ant1_2402_0~Reference



3DH5_Ant1_2402_30~1000



3DH5_Ant1_2402_1000~26500



