

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	0.807	2401.562	2402.369	---	PASS
		2441	0.804	2440.562	2441.366	---	PASS
		2480	0.804	2479.562	2480.366	---	PASS
3DH5	Ant1	2402	1.287	2401.316	2402.603	---	PASS
		2441	1.254	2440.328	2441.582	---	PASS
		2480	1.284	2479.313	2480.597	---	PASS

Test Graphs





3DH5 Ant1_2402



3DH5 Ant1_2441



3DH5 Ant1_2480



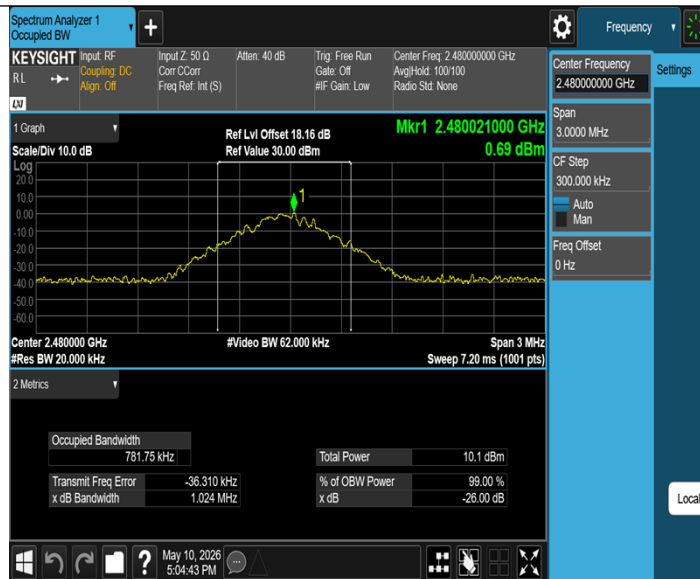
Appendix A.2: Test Results of 99% Bandwidth

Test Result

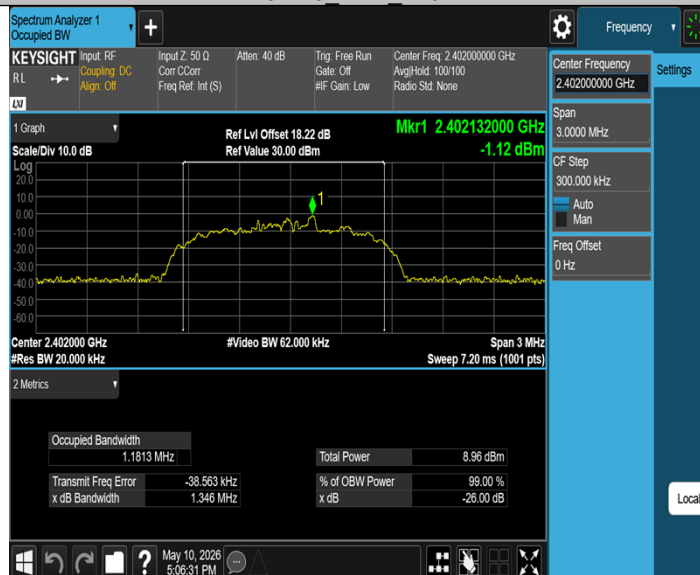
TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.77671	2401.5779	2402.3546	---	PASS
		2441	0.77076	2440.5816	2441.3524	---	PASS
		2480	0.78175	2479.5728	2480.3546	---	PASS
3DH5	Ant1	2402	1.1813	2401.3708	2402.5521	---	PASS
		2441	1.1809	2440.3709	2441.5518	---	PASS
		2480	1.1941	2479.3603	2480.5544	---	PASS

Test Graphs

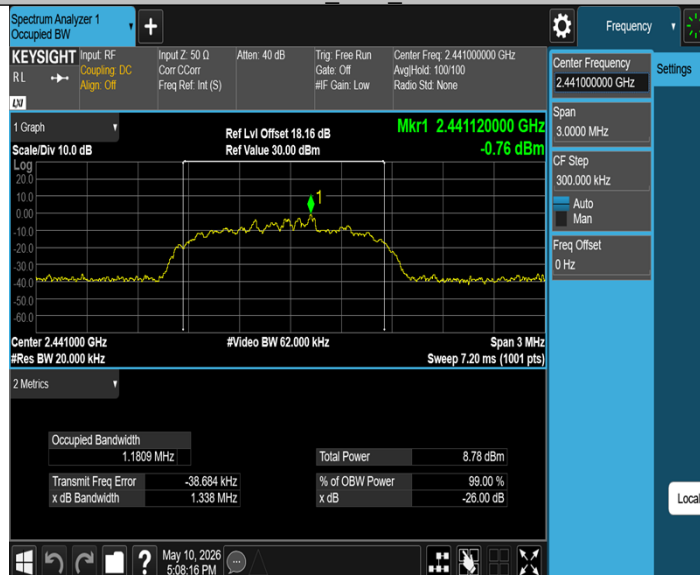




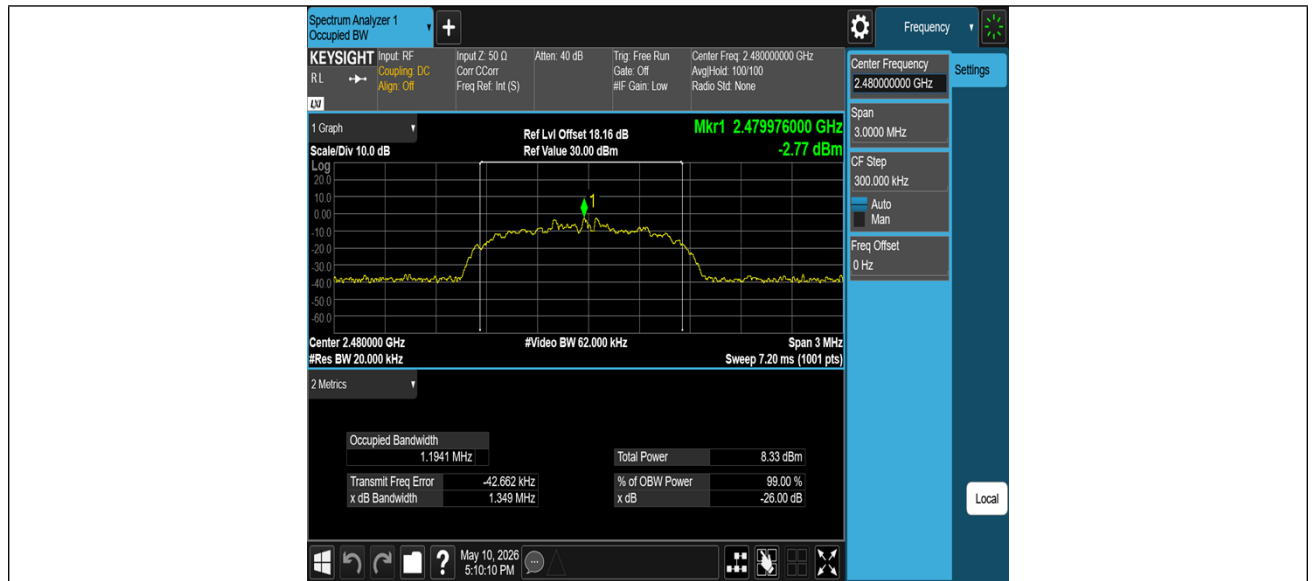
3DH5 Ant1_2402



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	0.946	≥ 0.807	PASS
3DH5	Ant1	Hop	1.036	≥ 0.858	PASS

Test Graphs

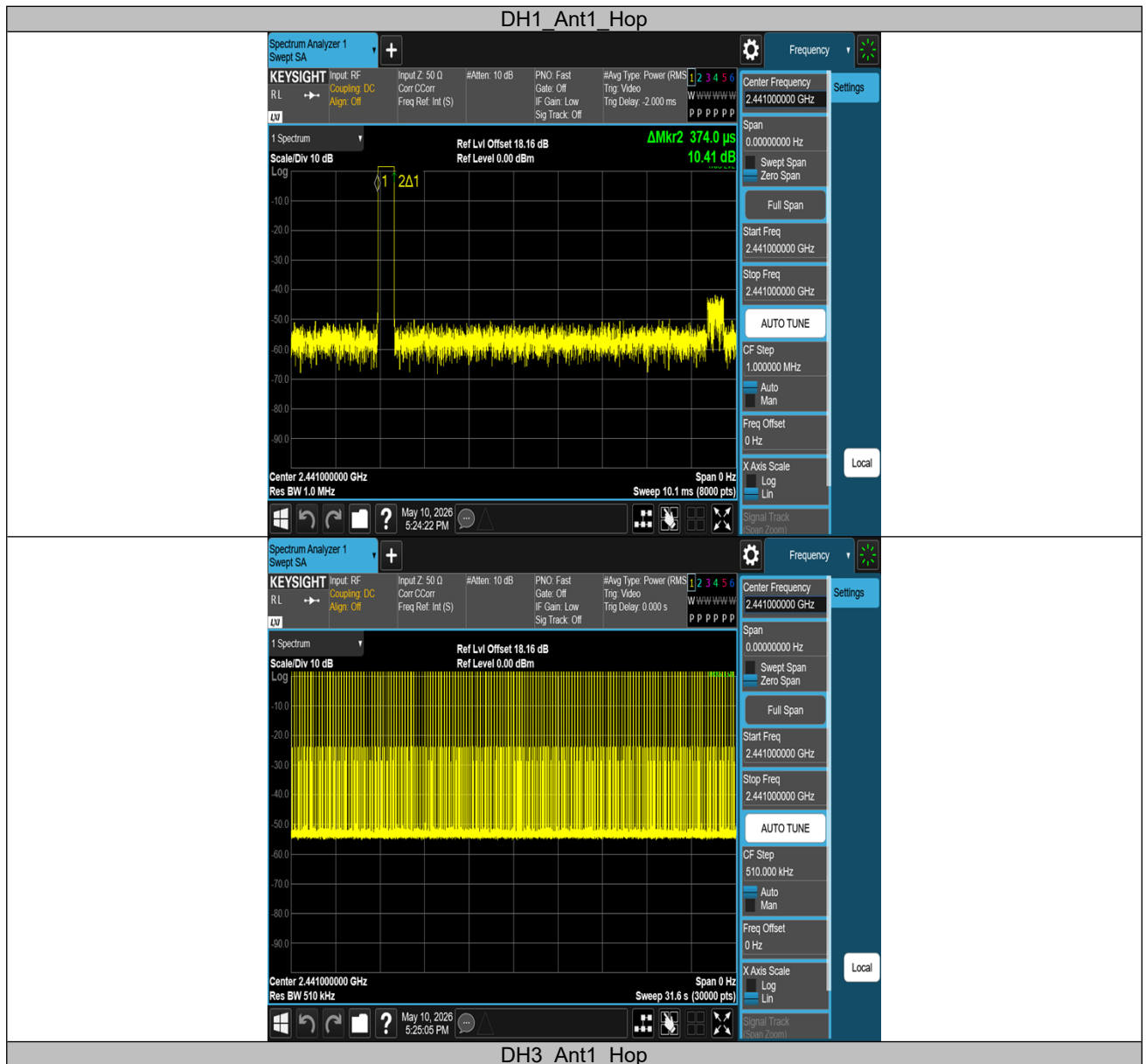


Appendix A.4: Test Results of Time of Occupancy

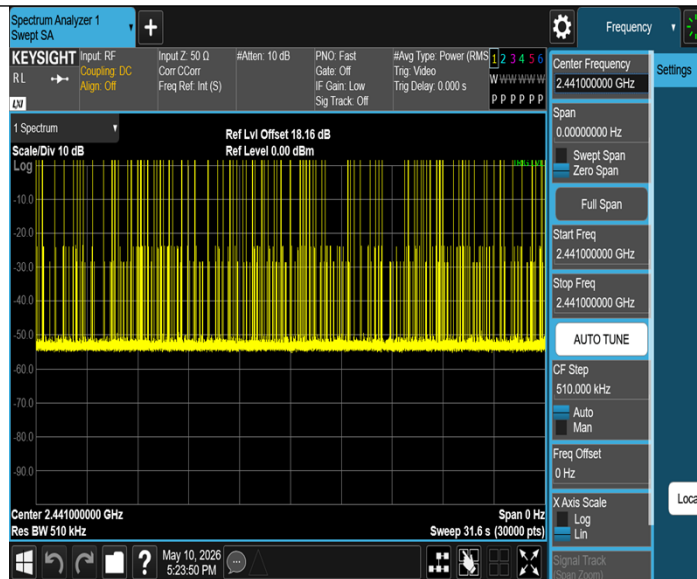
Test Result

TestMode	Antenna	Channel	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.374	312	0.117	≤0.4	PASS
DH3	Ant1	Hop	1.630	157	0.256	≤0.4	PASS
DH5	Ant1	Hop	2.878	111	0.319	≤0.4	PASS
3DH1	Ant1	Hop	0.383	313	0.12	≤0.4	PASS
3DH3	Ant1	Hop	1.633	157	0.256	≤0.4	PASS
3DH5	Ant1	Hop	2.884	112	0.323	≤0.4	PASS

Test Graphs



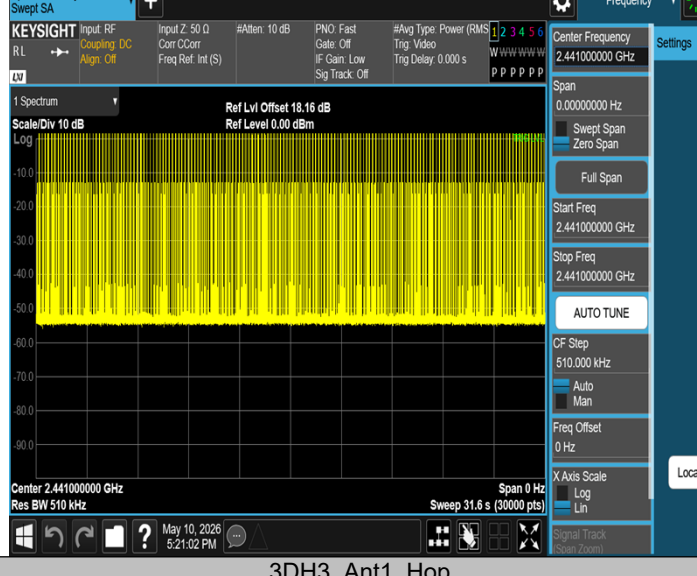




3DH1_Ant1_Hop

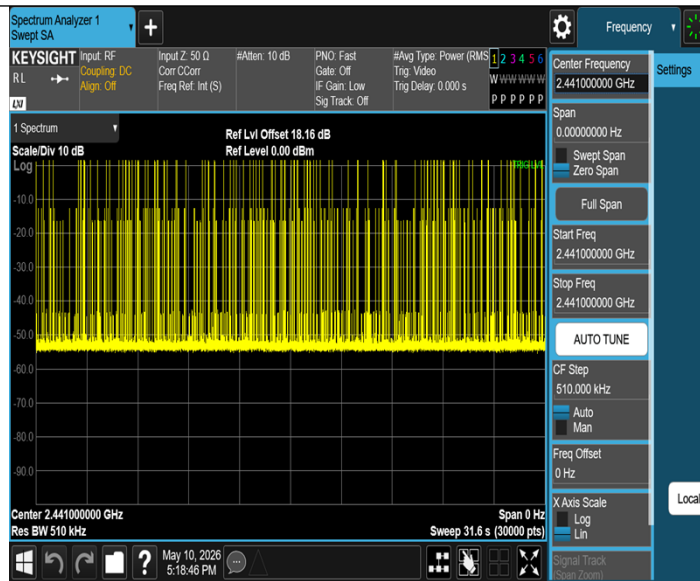


3DH3_Ant1_Hop



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	4.53	-38.68	≤-15.47	PASS
		High	2480	3.86	-39.61	≤-16.14	PASS
3DH5	Ant1	Low	2402	3.26	-40.95	≤-16.74	PASS
		High	2480	2.90	-40.76	≤-17.10	PASS
DH5	Ant1	Hopping	2402	3.59	-41.37	≤-16.41	PASS
		Hopping	2480	3.22	-39.77	≤-16.78	PASS
3DH5	Ant1	Hopping	2402	-2.09	-41.57	≤-22.09	PASS
		Hopping	2480	0.78	-40.69	≤-19.22	PASS