

Appendix: Bluetooth Classic

Contents

AppendixA: 20dB Emission Bandwidth.....3

 Test Result.....3

 Test Graphs.....4

AppendixB: Occupied Channel Bandwidth.....7

 Test Result.....7

 Test Graphs.....8

AppendixC: Maximum conducted output power.....11

 Test Result.....11

 Test Graphs.....12

AppendixD: Carrier frequency separation.....15

 Test Result.....15

 Test Graphs.....16

AppendixE: Time of occupancy.....19

 Test Result.....19

 Test Graphs.....20

AppendixF: Number of hopping channels.....26

 Test Result.....26

 Test Graphs.....27

AppendixG:Band edge measurements.....28

 Test Result.....28

 Test Graphs.....29

AppendixH:Conducted Spurious Emission.....33

 Test Result.....33

 Test Graphs.....34

AppendixI: Duty Cycle.....43

 Test Result.....43

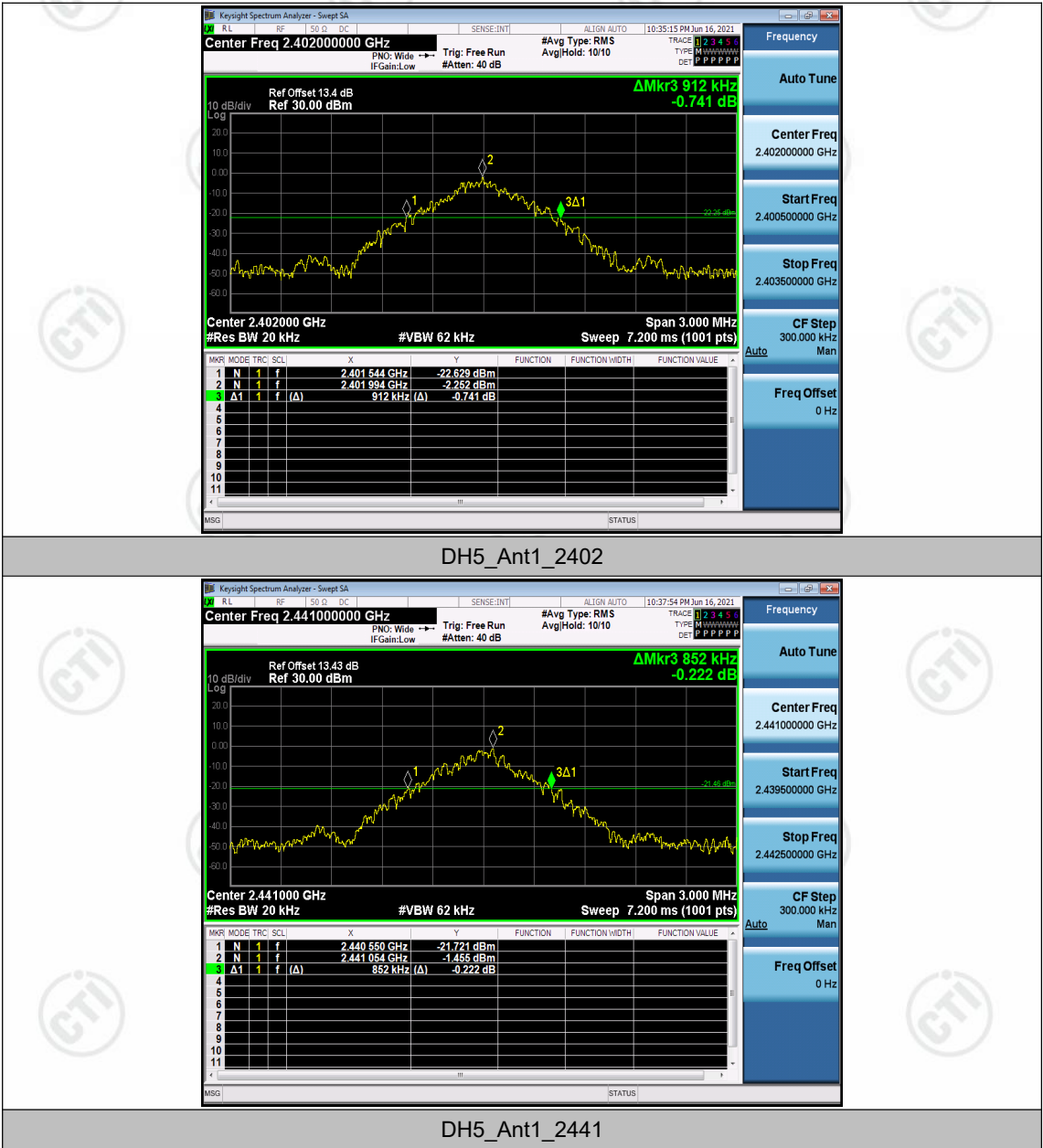
 Test Graphs.....44

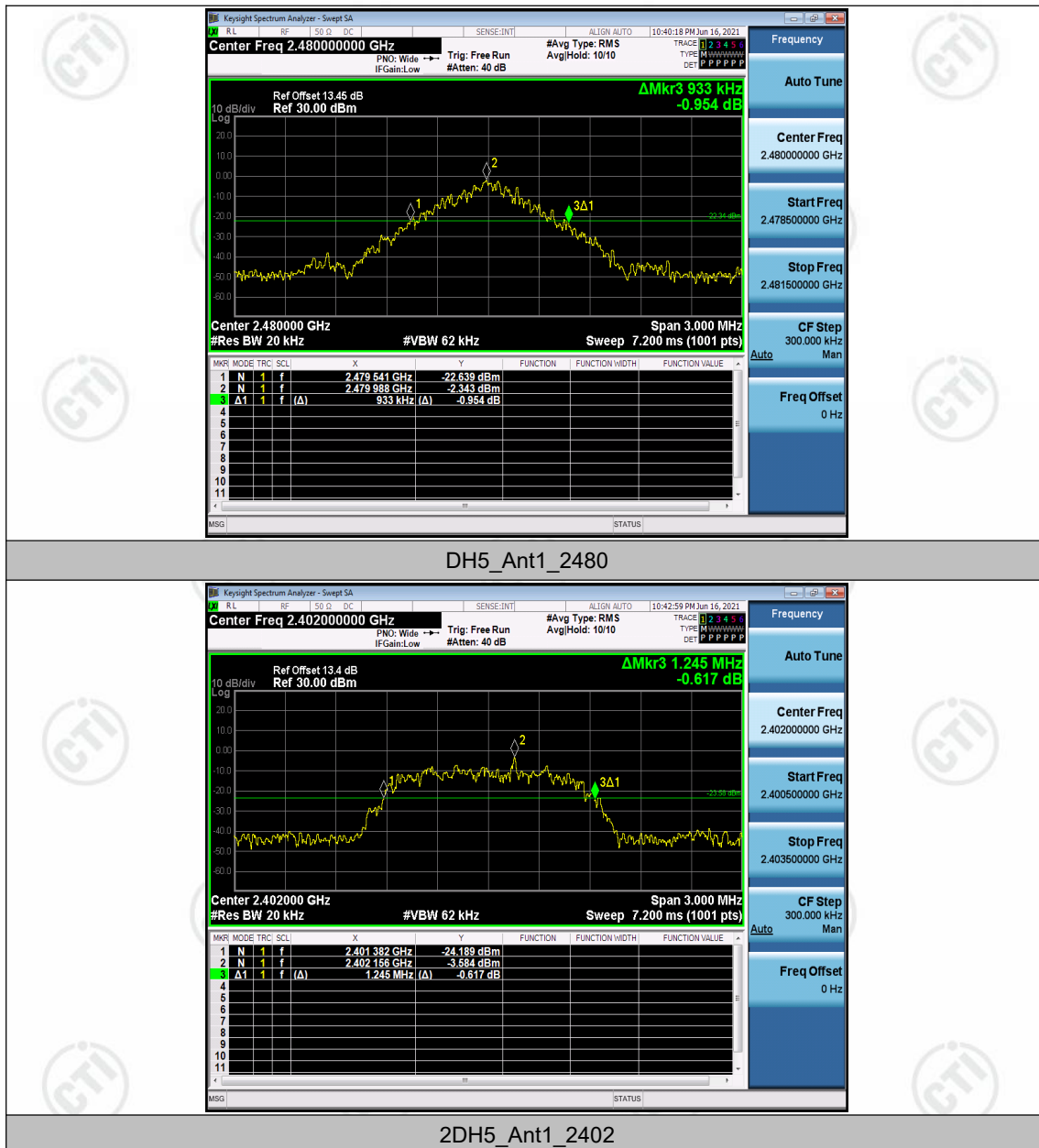
AppendixA: 20dB Emission Bandwidth

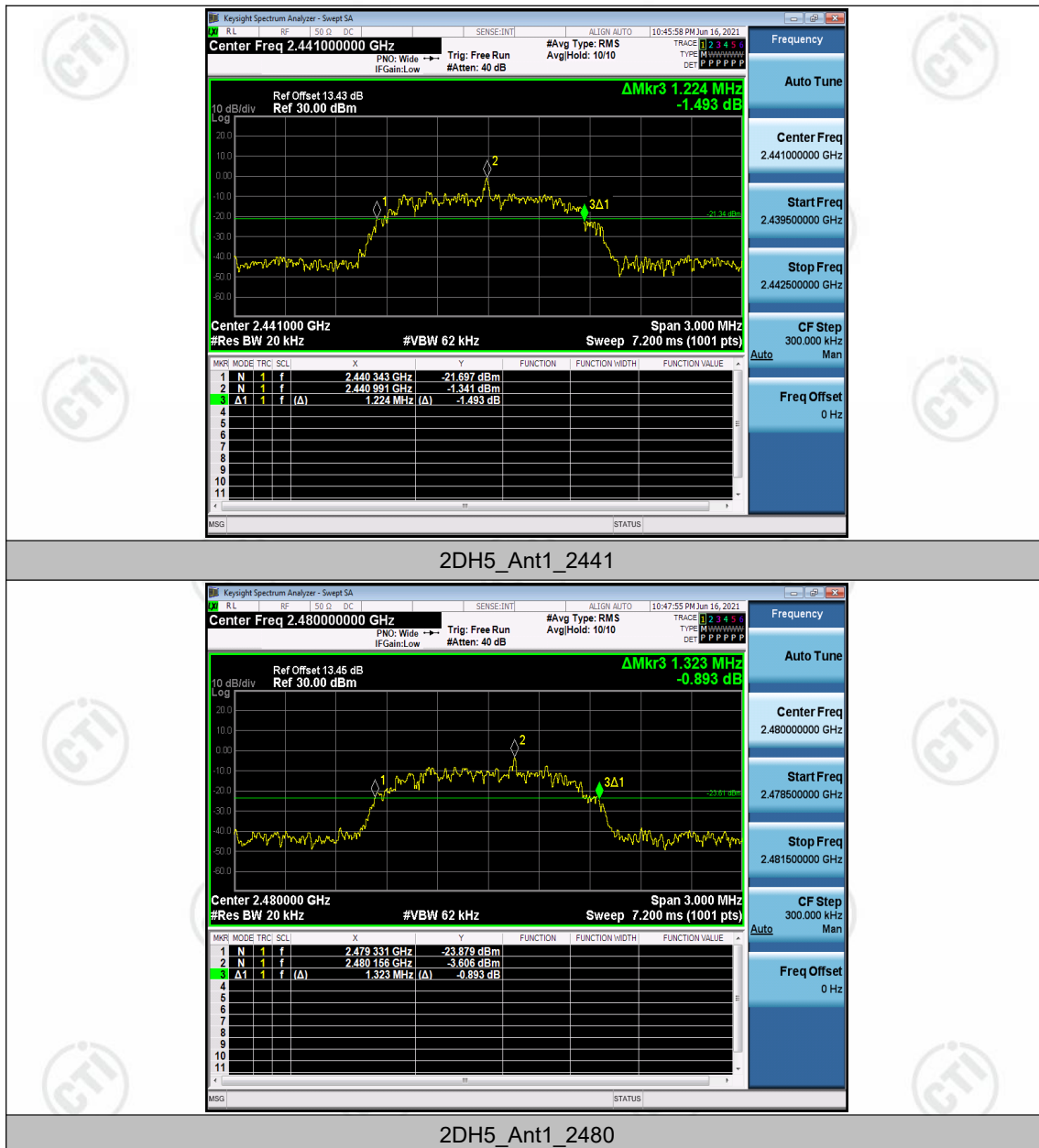
Test Result

TestMode	Antenna	Channel	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.912	2401.544	2402.456	---	PASS
		2441	0.852	2440.550	2441.402	---	PASS
		2480	0.933	2479.541	2480.474	---	PASS
2DH5	Ant1	2402	1.245	2401.382	2402.627	---	PASS
		2441	1.224	2440.343	2441.567	---	PASS
		2480	1.323	2479.331	2480.654	---	PASS

Test Graphs





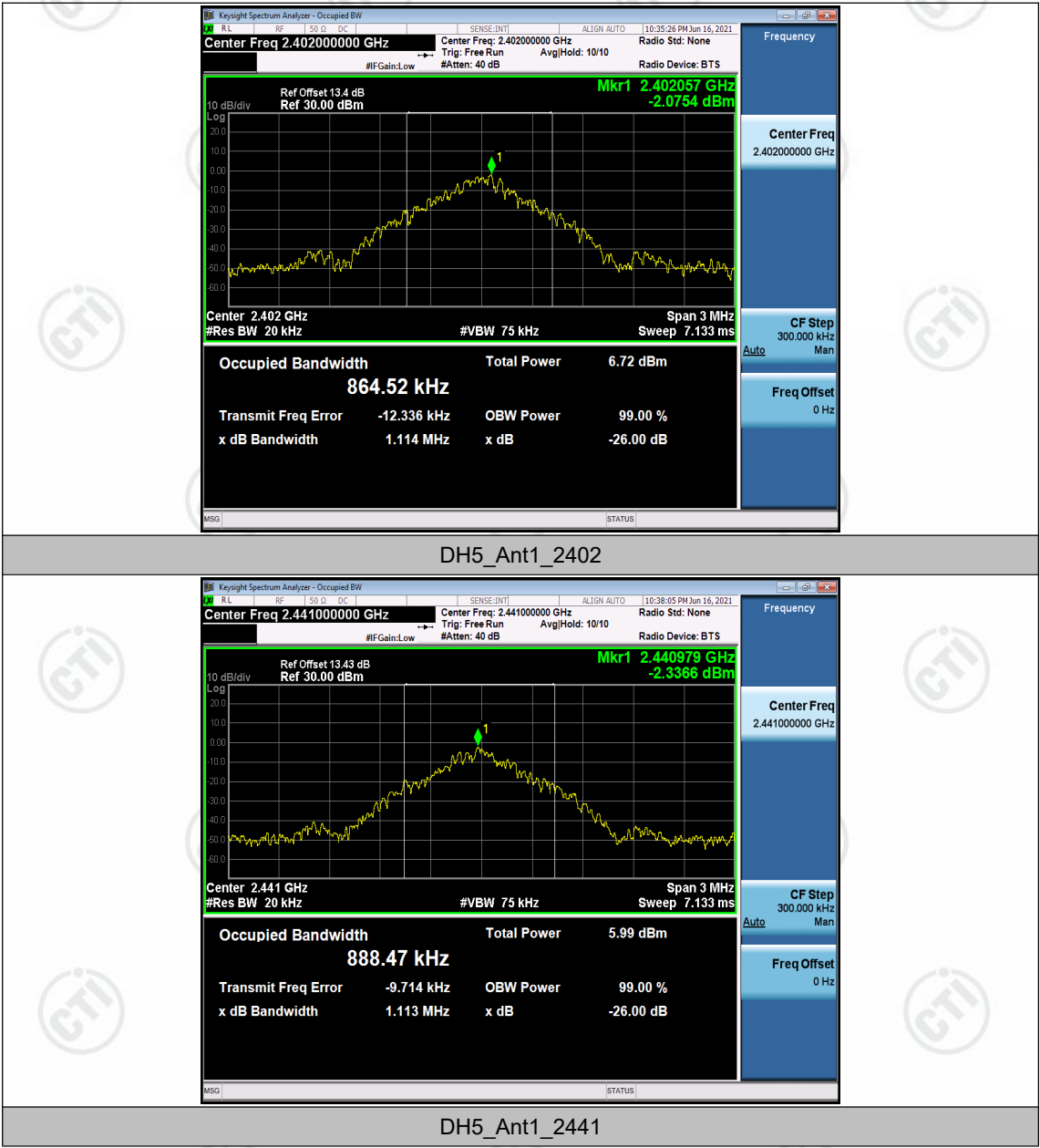


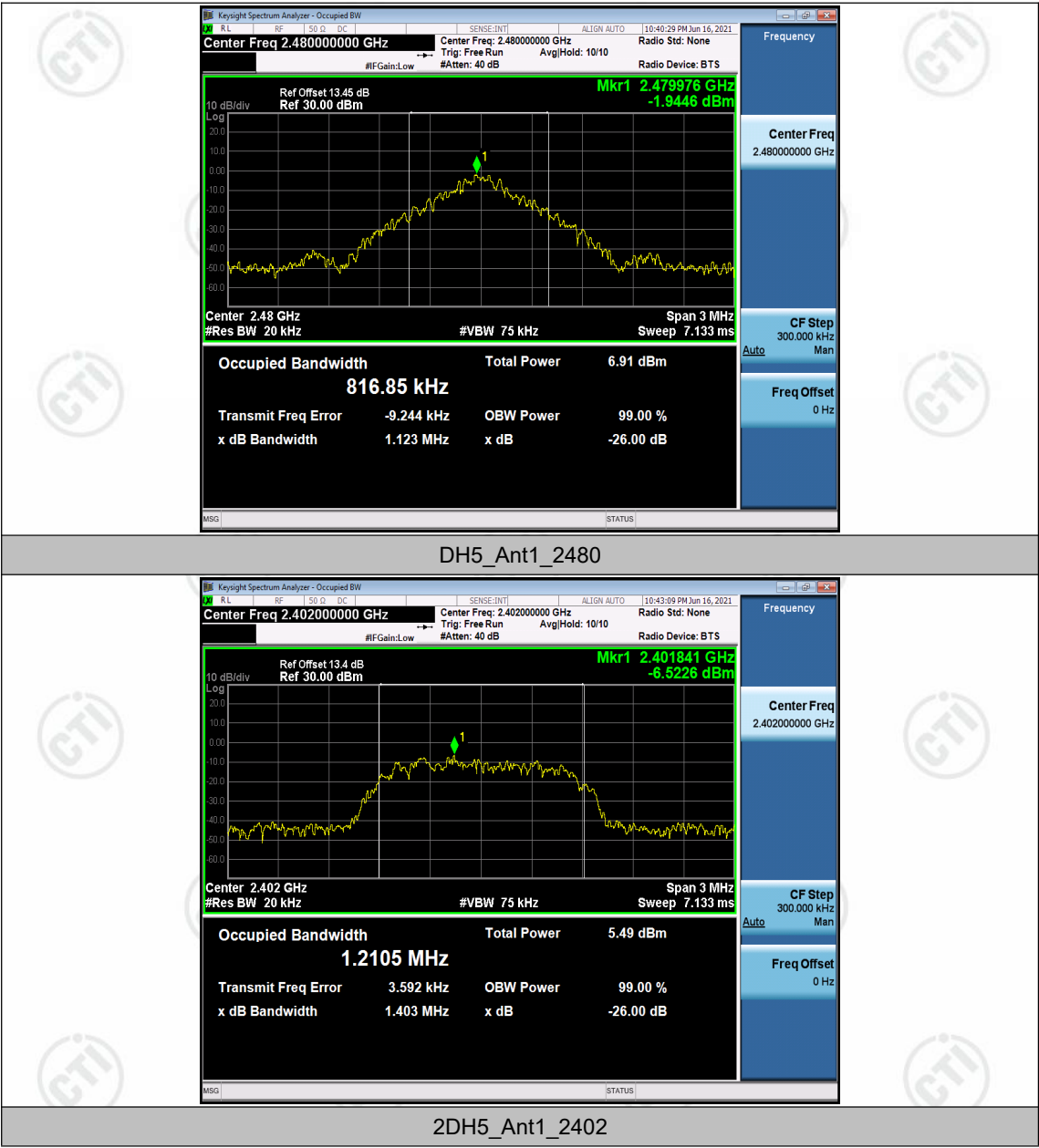
AppendixB: Occupied Channel Bandwidth

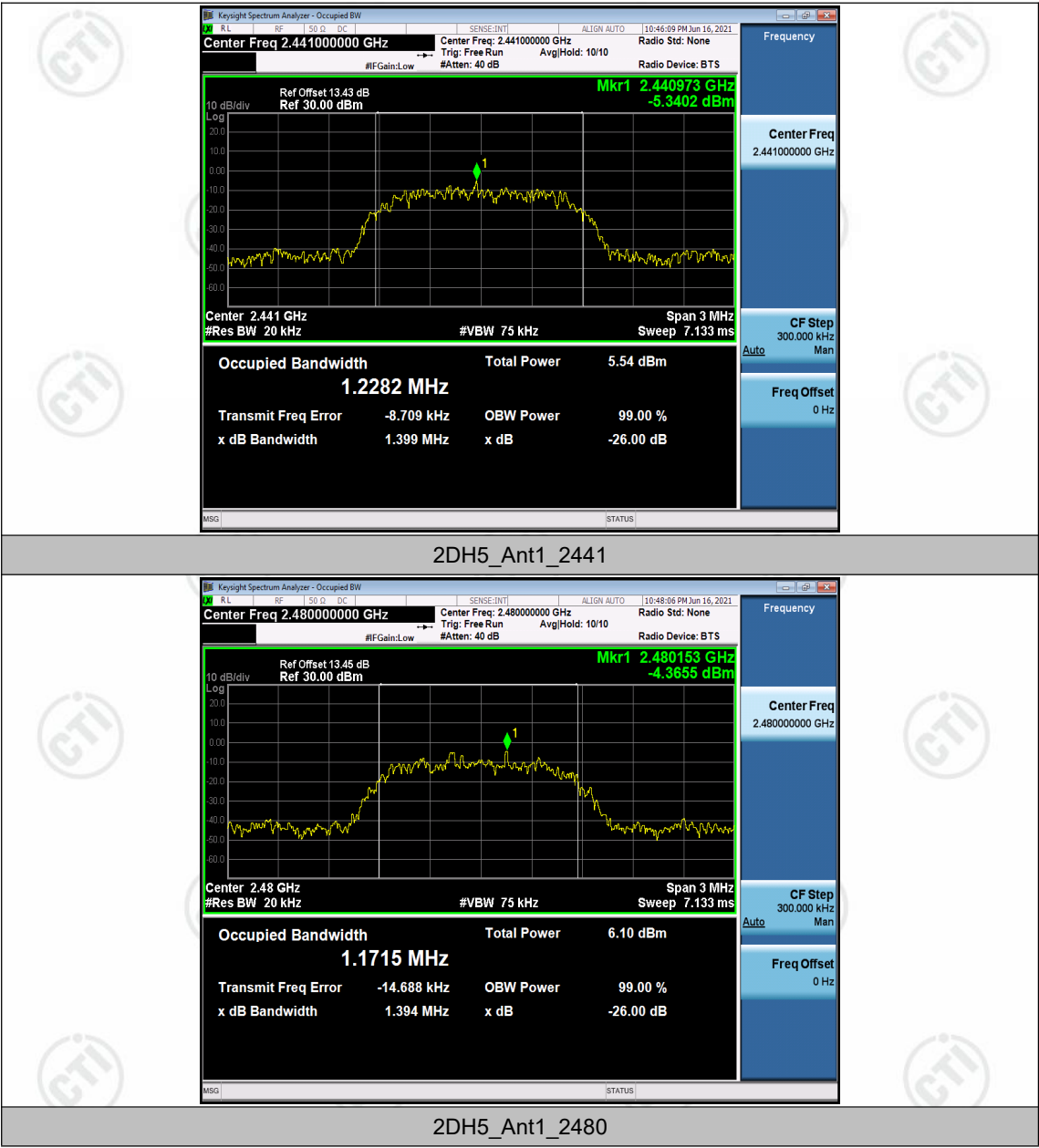
Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.86452	2401.555	2402.420	---	PASS
		2441	0.88847	2440.546	2441.435	---	PASS
		2480	0.81685	2479.582	2480.399	---	PASS
2DH5	Ant1	2402	1.2105	2401.398	2402.609	---	PASS
		2441	1.2282	2440.377	2441.605	---	PASS
		2480	1.1715	2479.400	2480.571	---	PASS

Test Graphs





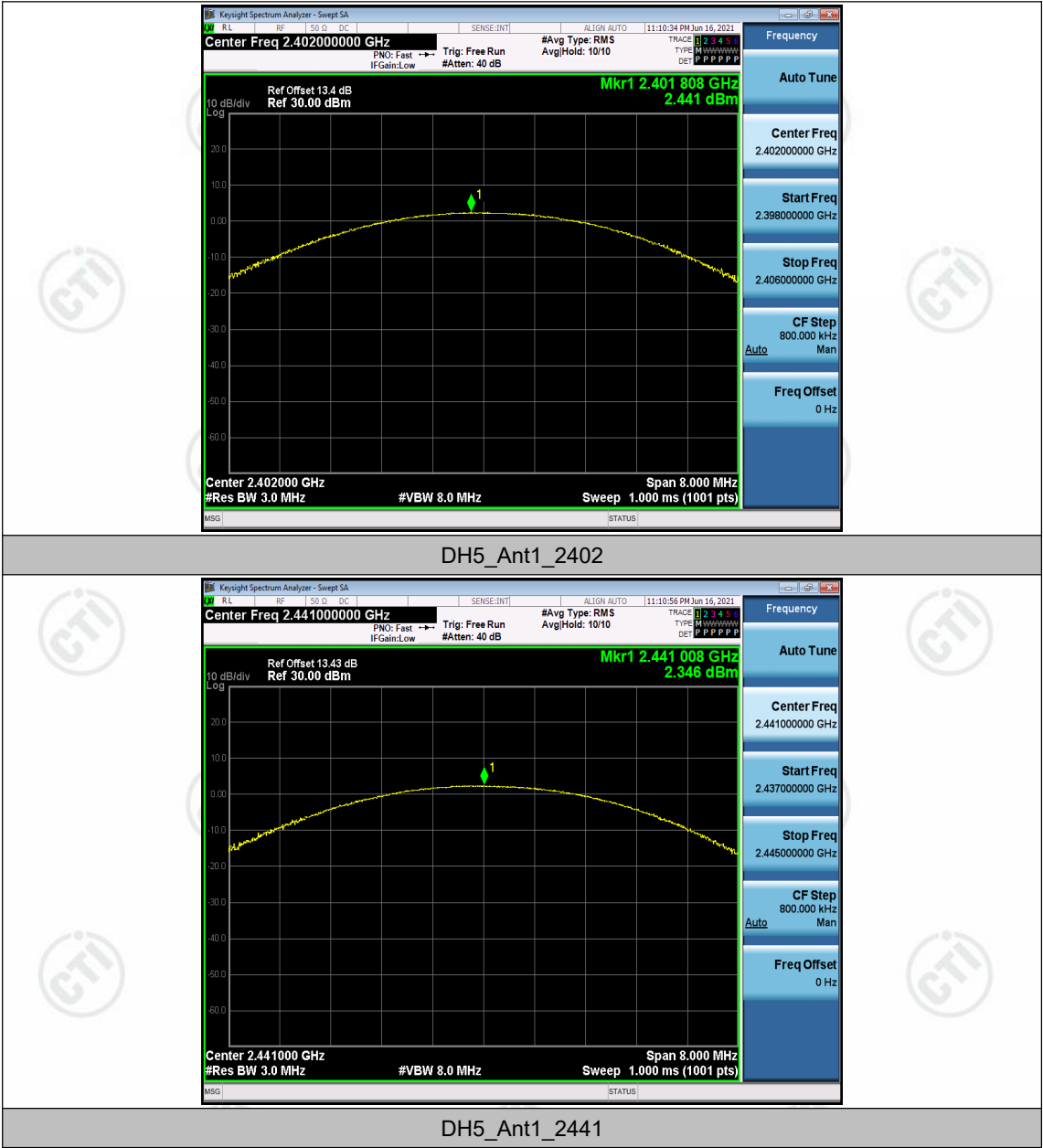


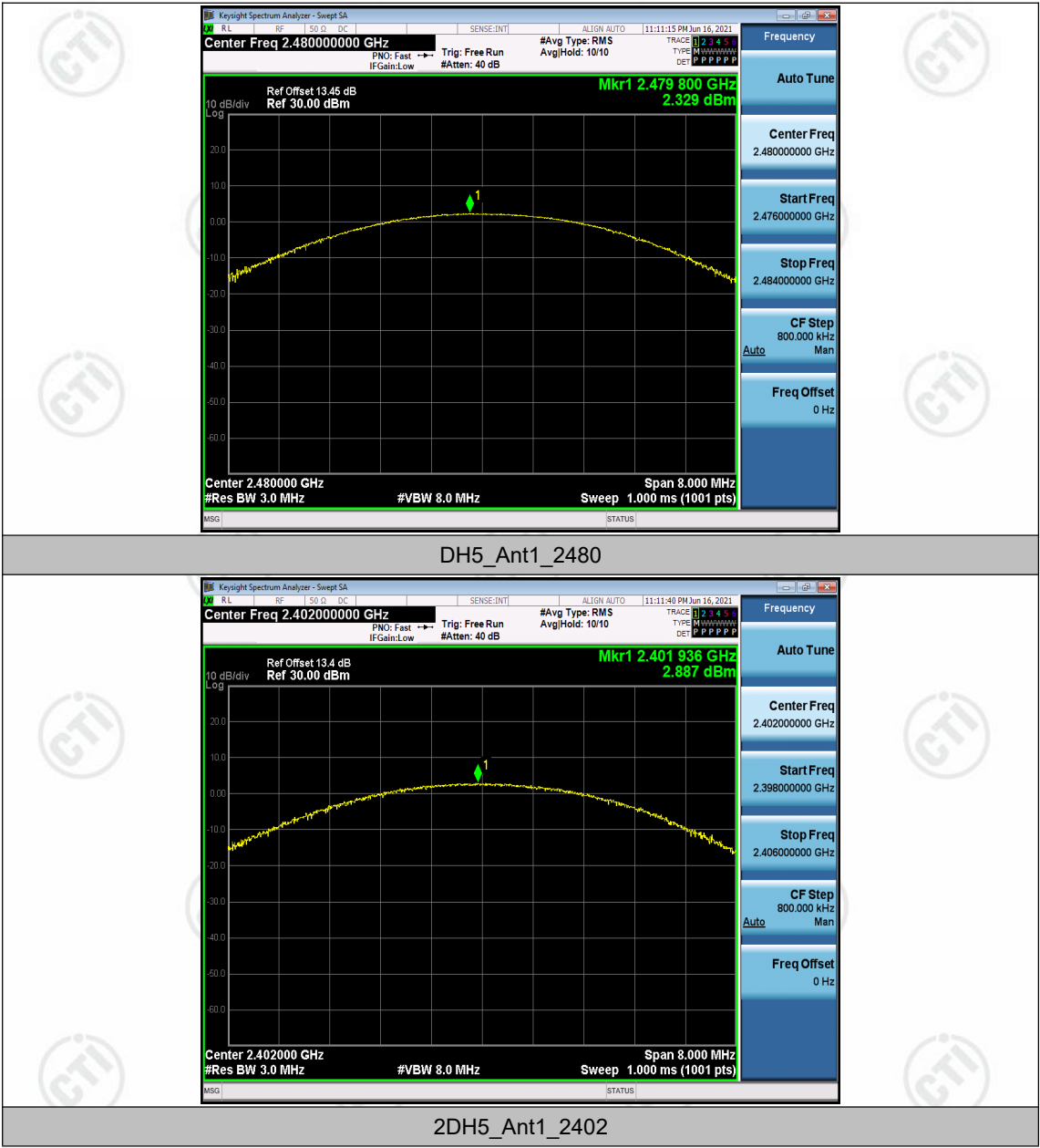
AppendixC: Maximum conducted output power

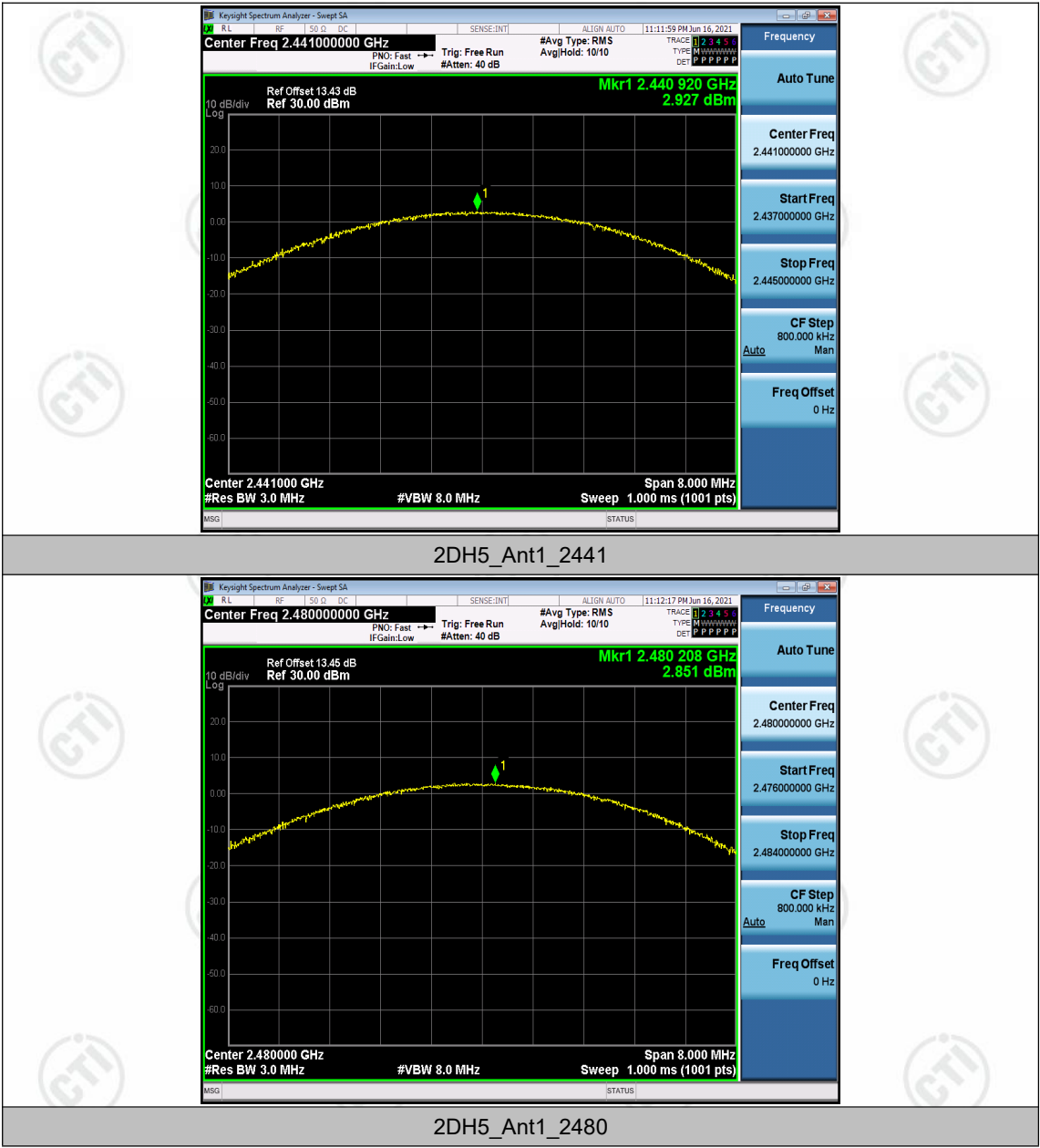
Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
DH5	Ant1	2402	2.44	<=20.97	PASS
		2441	2.35	<=20.97	PASS
		2480	2.33	<=20.97	PASS
2DH5	Ant1	2402	2.89	<=20.97	PASS
		2441	2.93	<=20.97	PASS
		2480	2.85	<=20.97	PASS

Test Graphs





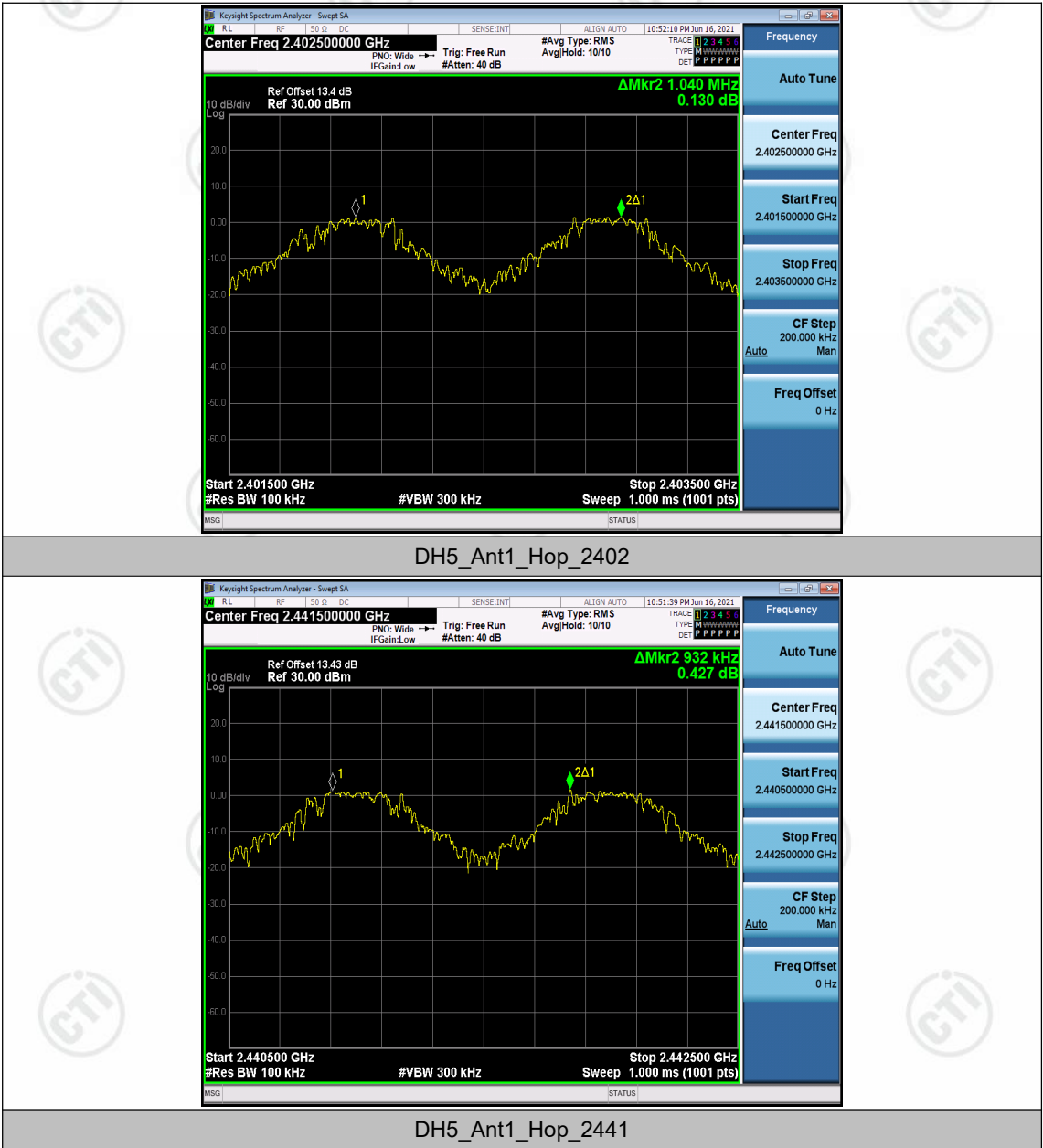


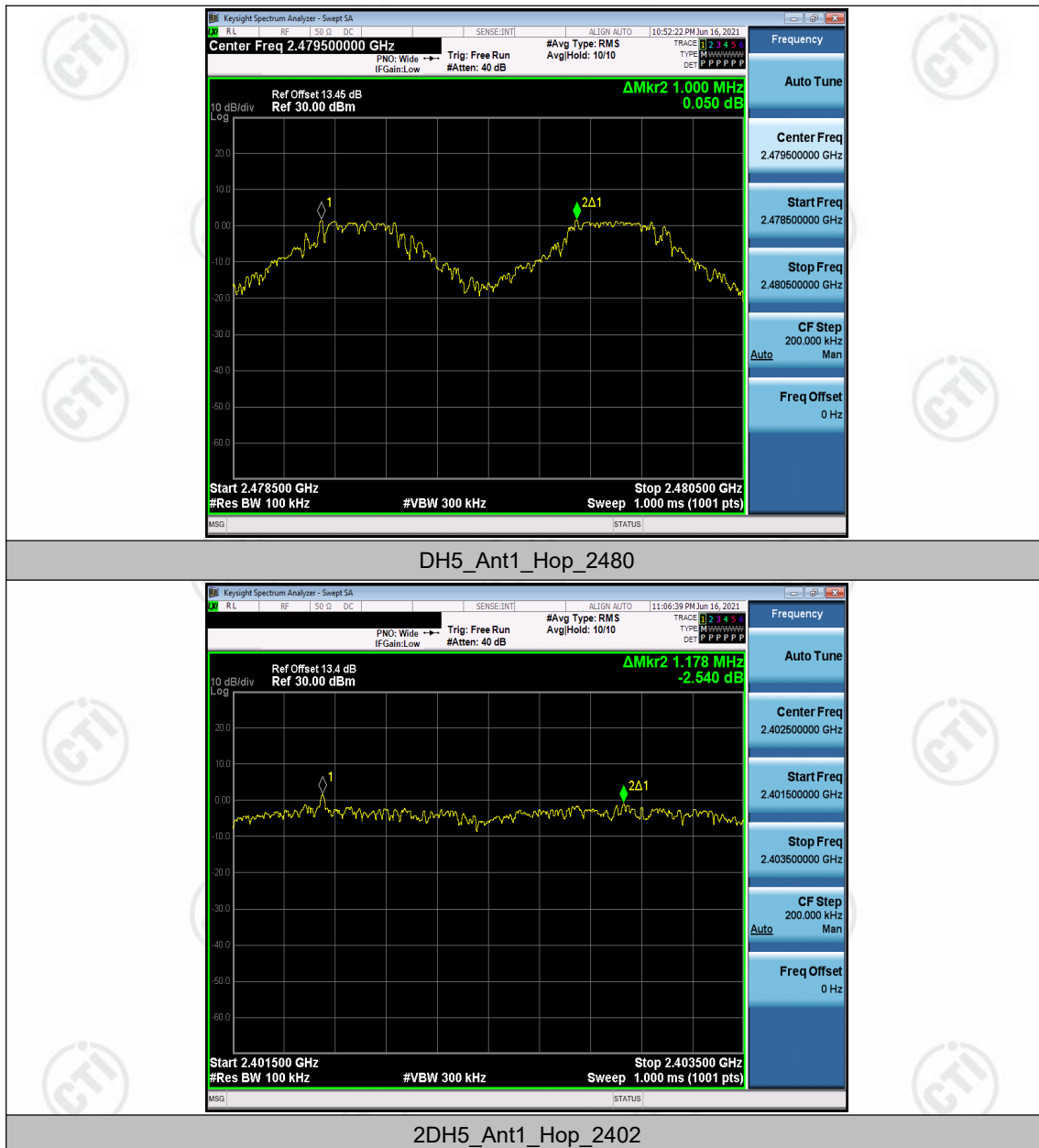
AppendixD: Carrier frequency separation

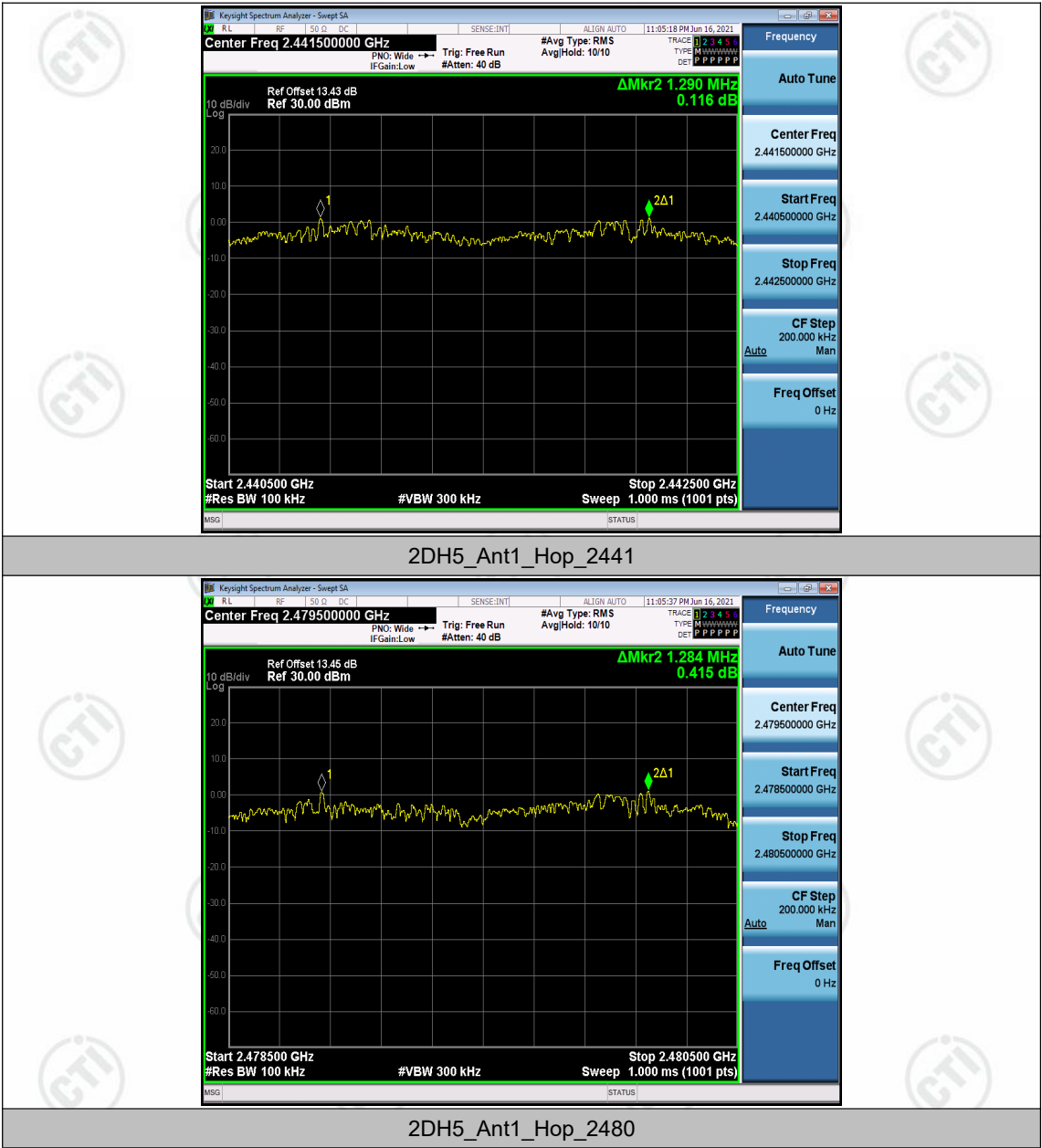
Test Result

TestMode	Antenna	Channel	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop_2402	1.04	>=0.933	PASS
		Hop_2441	0.932	>=0.622	PASS
		Hop_2480	1	>=0.933	PASS
2DH5	Ant1	Hop_2402	1.178	>=0.882	PASS
		Hop_2441	1.29	>=0.882	PASS
		Hop_2480	1.284	>=0.882	PASS

Test Graphs







AppendixE: Time of occupancy

Test Result

TestMode	Antenna	Channel	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.37	320	0.12	<=0.4	PASS
DH3	Ant1	Hop	1.63	130	0.212	<=0.4	PASS
DH5	Ant1	Hop	2.88	120	0.345	<=0.4	PASS
2DH1	Ant1	Hop	0.38	330	0.127	<=0.4	PASS
2DH3	Ant1	Hop	1.64	200	0.327	<=0.4	PASS
2DH5	Ant1	Hop	2.88	80	0.231	<=0.4	PASS

Test Graphs

