

Appendix: Bluetooth Classic

Contents

Appendix A: 20dB Emission Bandwidth.....3

 Test Result.....3

 Test Graphs.....4

Appendix B: Occupied Channel Bandwidth.....7

 Test Result.....7

 Test Graphs.....8

Appendix C: Maximum conducted output power.....11

 Test Result.....11

 Test Graphs.....12

Appendix D: Carrier frequency separation.....15

 Test Result.....15

 Test Graphs.....16

Appendix E: Time of occupancy.....19

 Test Result.....19

 Test Graphs.....20

Appendix F: Number of hopping channels.....26

 Test Result.....26

 Test Graphs.....27

Appendix G: Band edge measurements.....28

 Test Result.....28

 Test Graphs.....29

Appendix H: Conducted Spurious Emission.....33

 Test Result.....33

 Test Graphs.....34

Appendix I: Duty Cycle.....43

 Test Result.....43

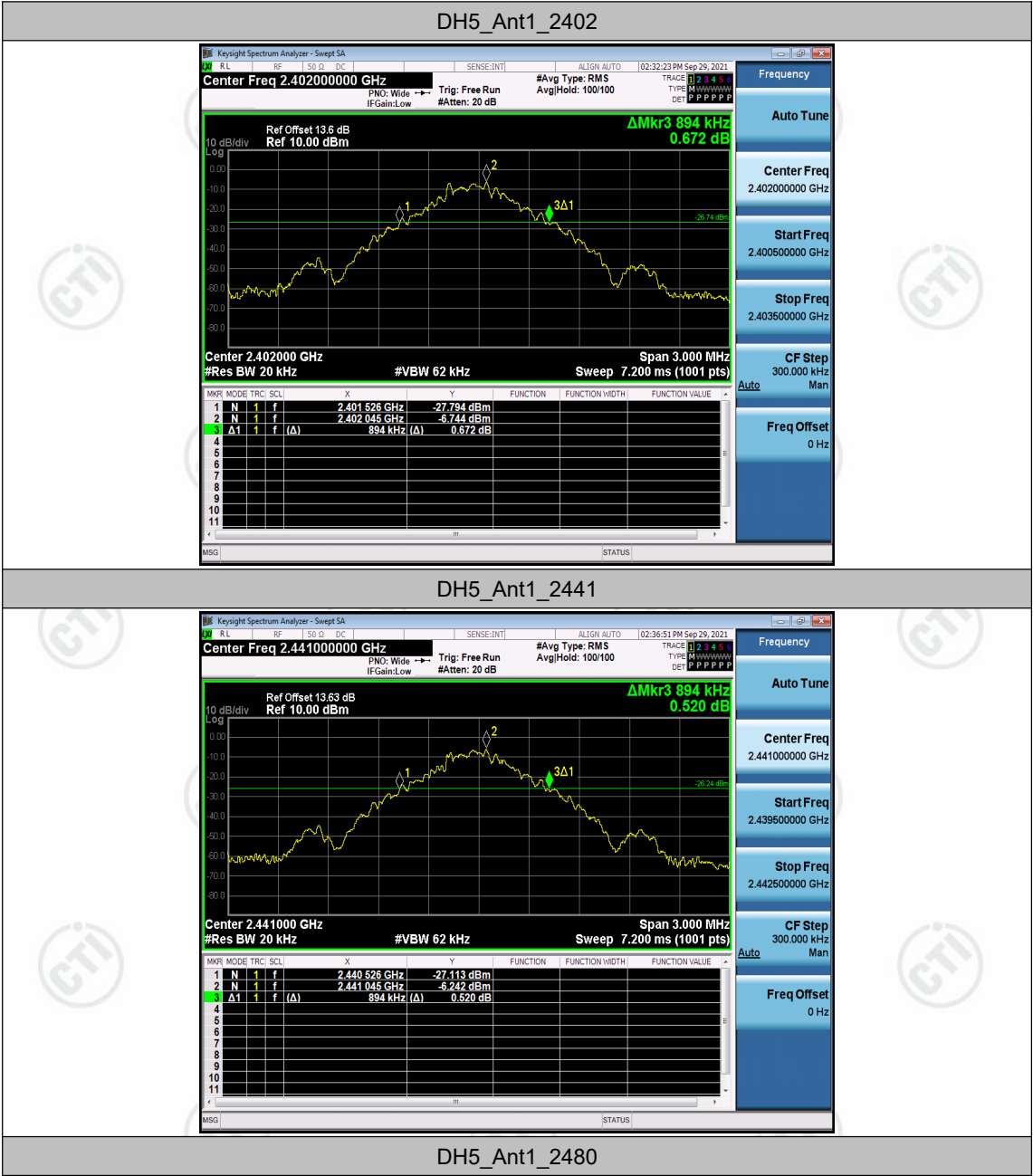
 Test Graphs.....44

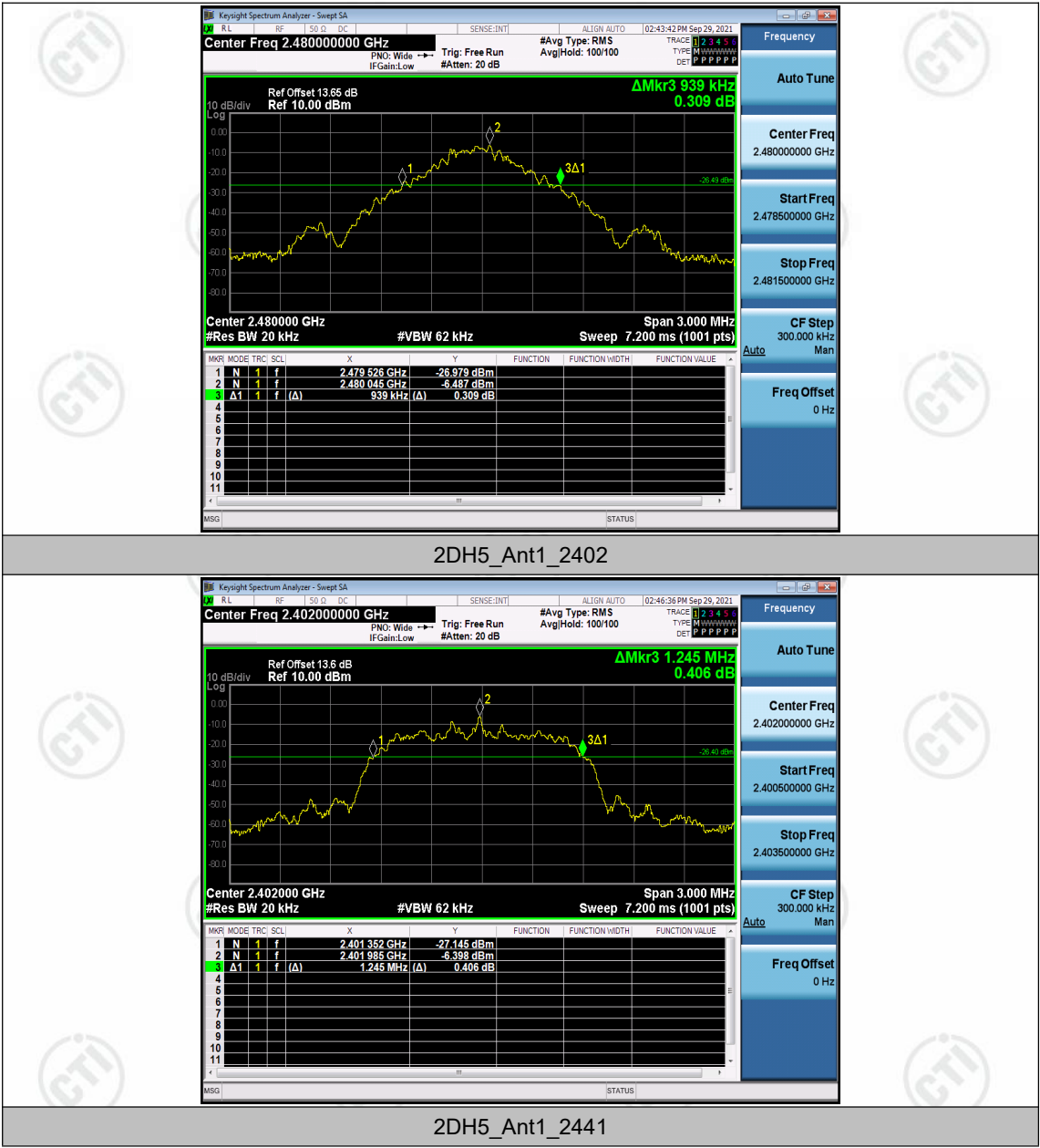
Appendix A: 20dBEmission Bandwidth

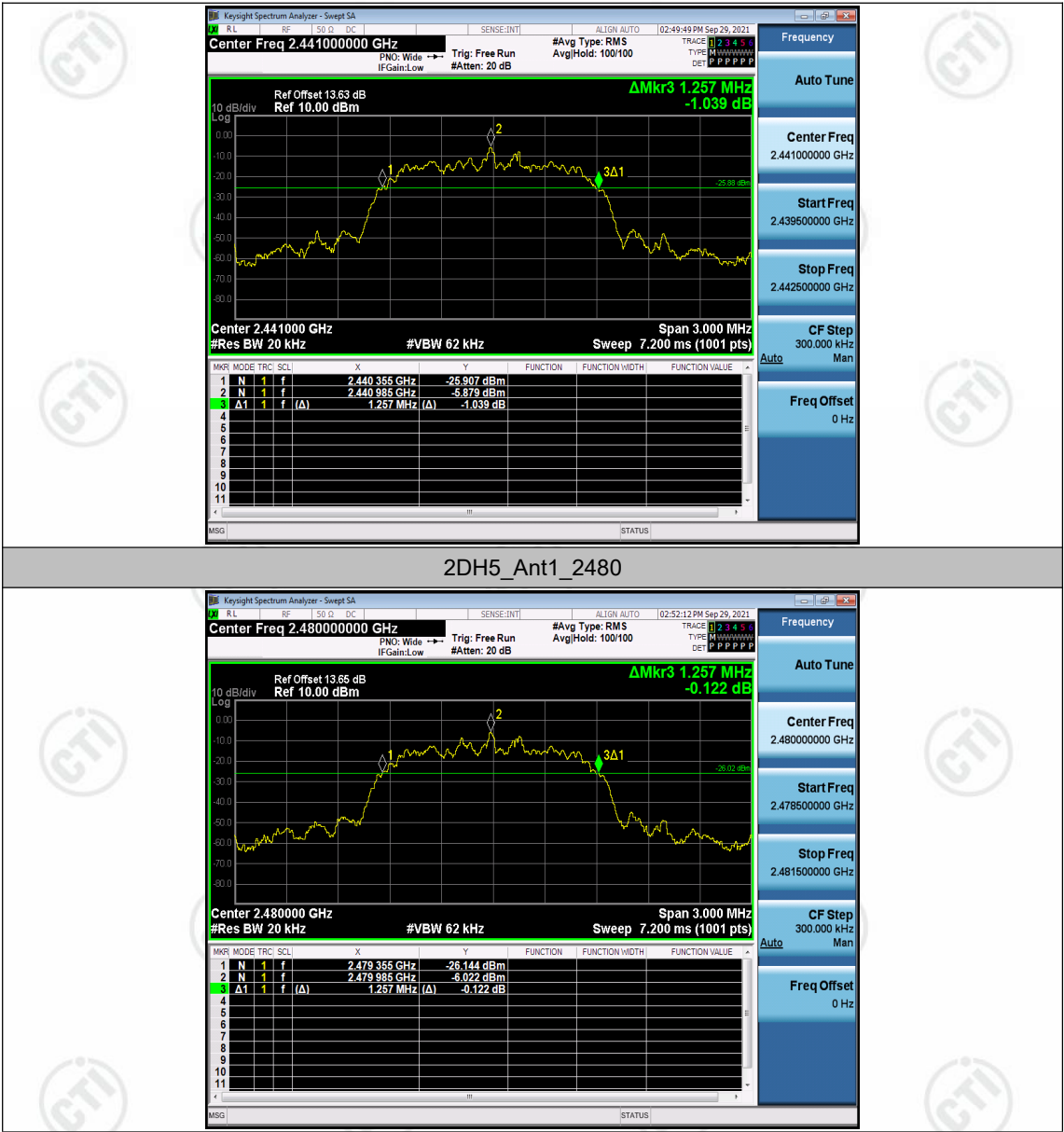
Test Result

TestMode	Antenna	Channel	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.894	2401.526	2402.420	---	PASS
		2441	0.894	2440.526	2441.420	---	PASS
		2480	0.939	2479.526	2480.465	---	PASS
2DH5	Ant1	2402	1.245	2401.352	2402.597	---	PASS
		2441	1.257	2440.355	2441.612	---	PASS
		2480	1.257	2479.355	2480.612	---	PASS

Test Graphs





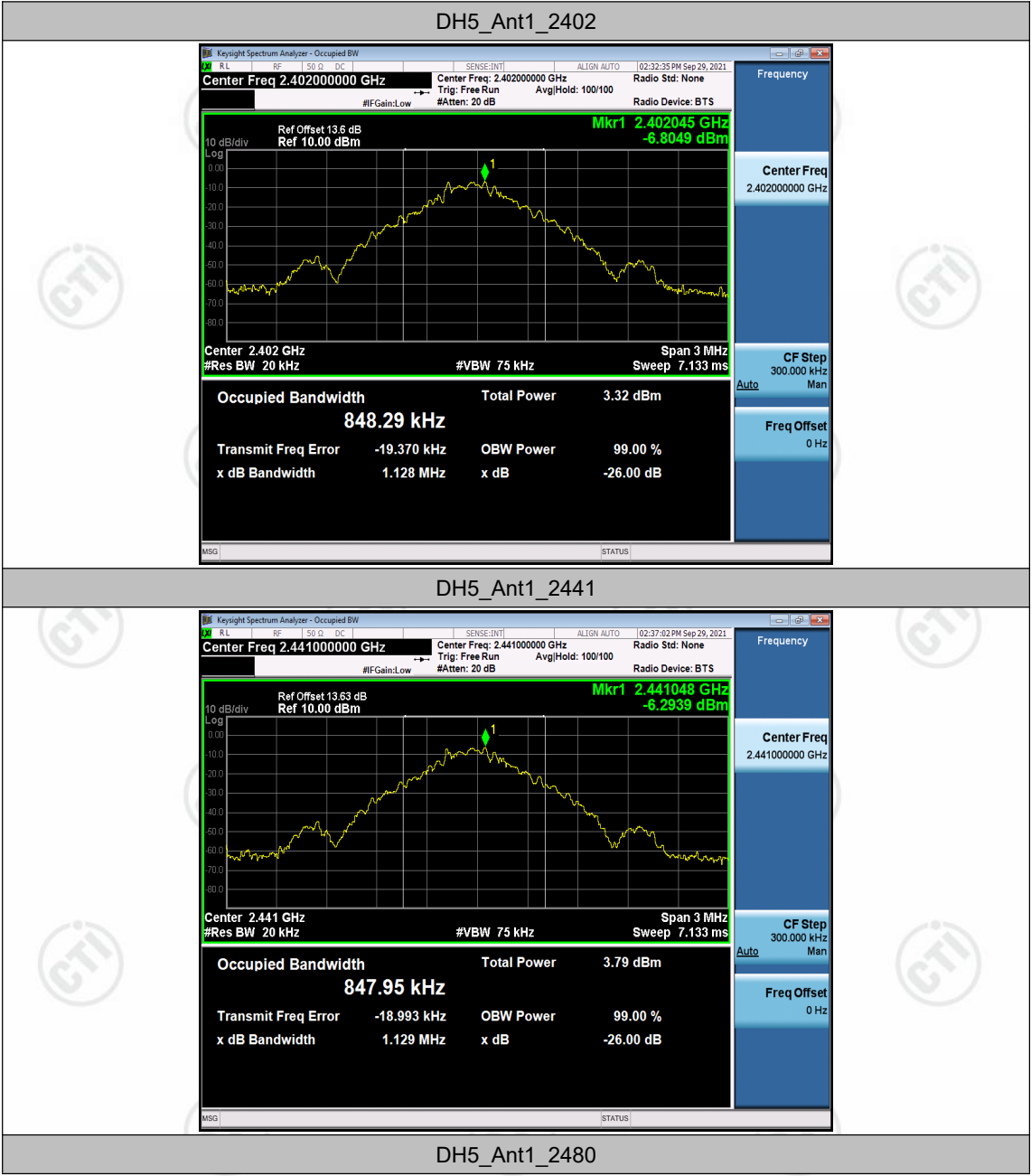


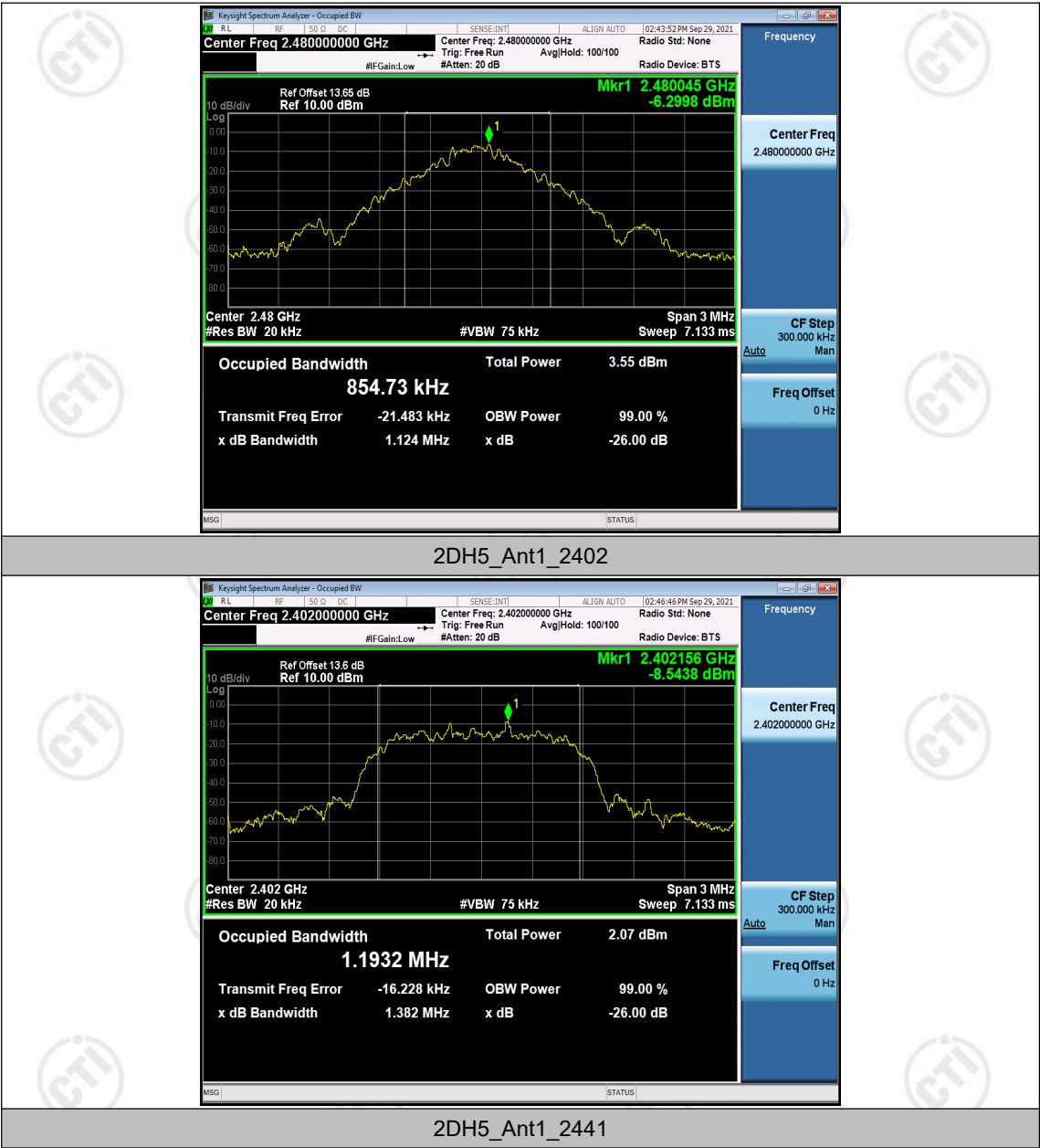
Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.84829	2401.556	2402.405	---	PASS
		2441	0.84795	2440.557	2441.405	---	PASS
		2480	0.85473	2479.551	2480.406	---	PASS
2DH5	Ant1	2402	1.1932	2401.387	2402.580	---	PASS
		2441	1.1997	2440.384	2441.584	---	PASS
		2480	1.1769	2479.393	2480.570	---	PASS

Test Graphs



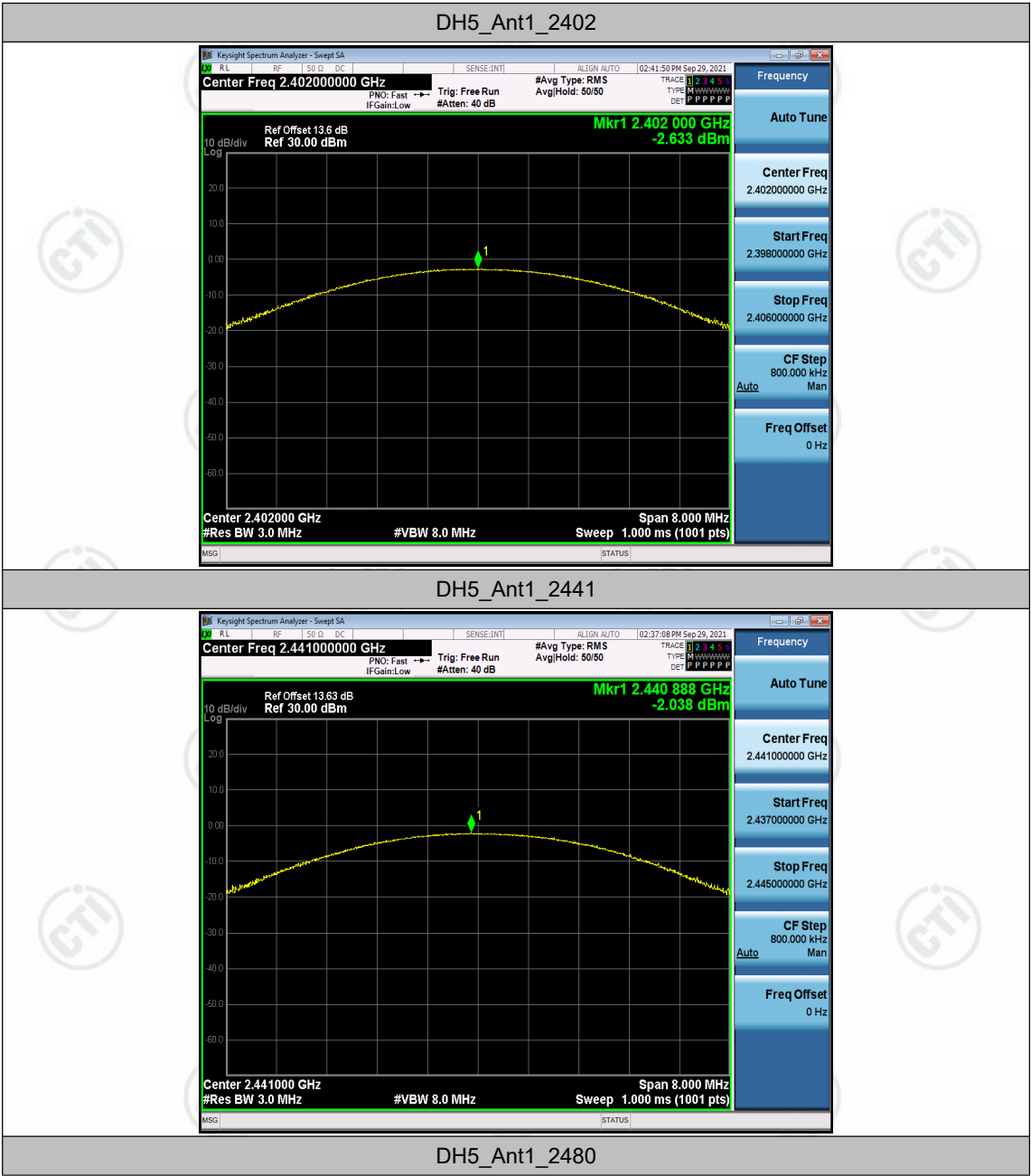


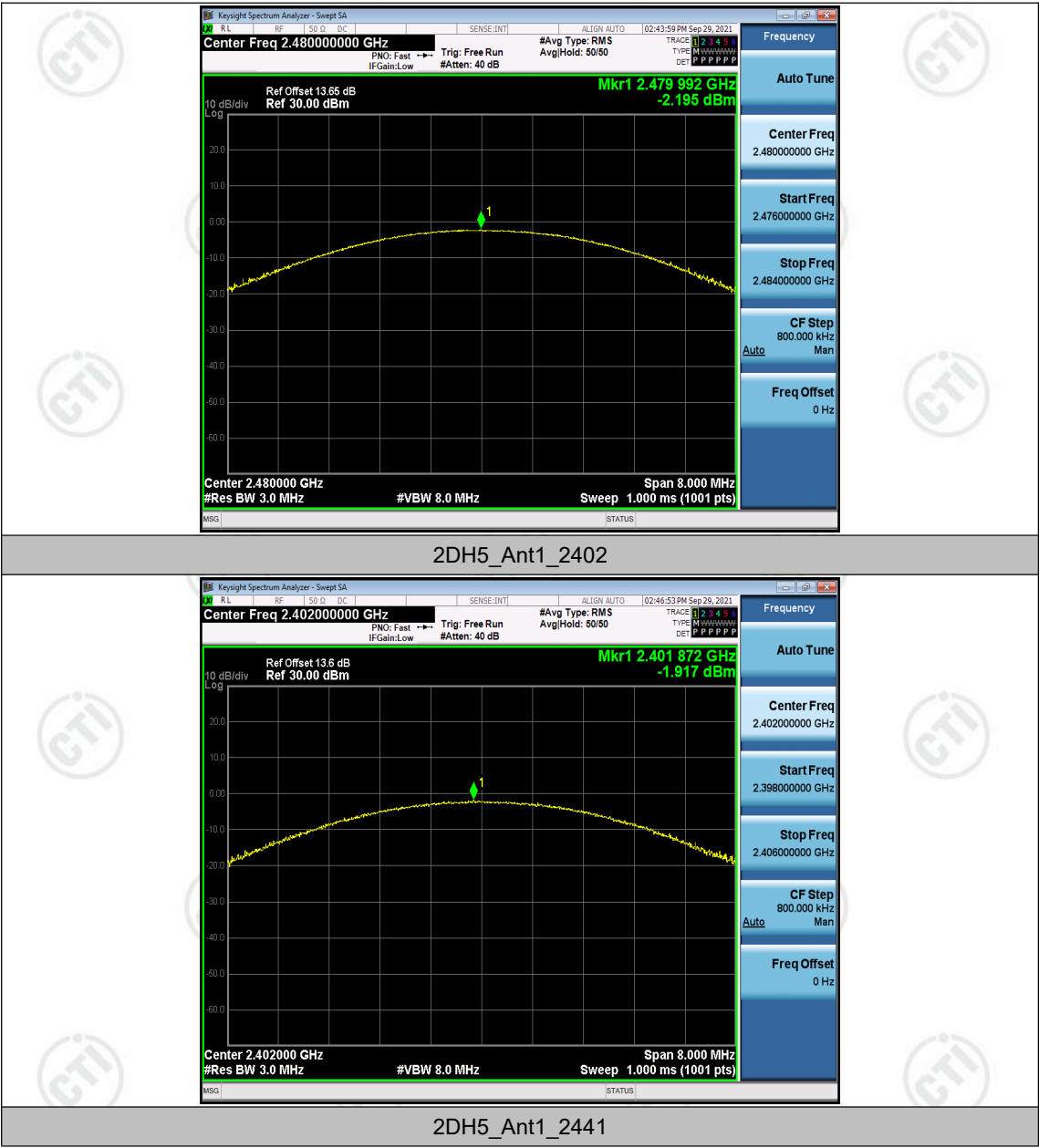
Appendix C: Maximum conducted output power

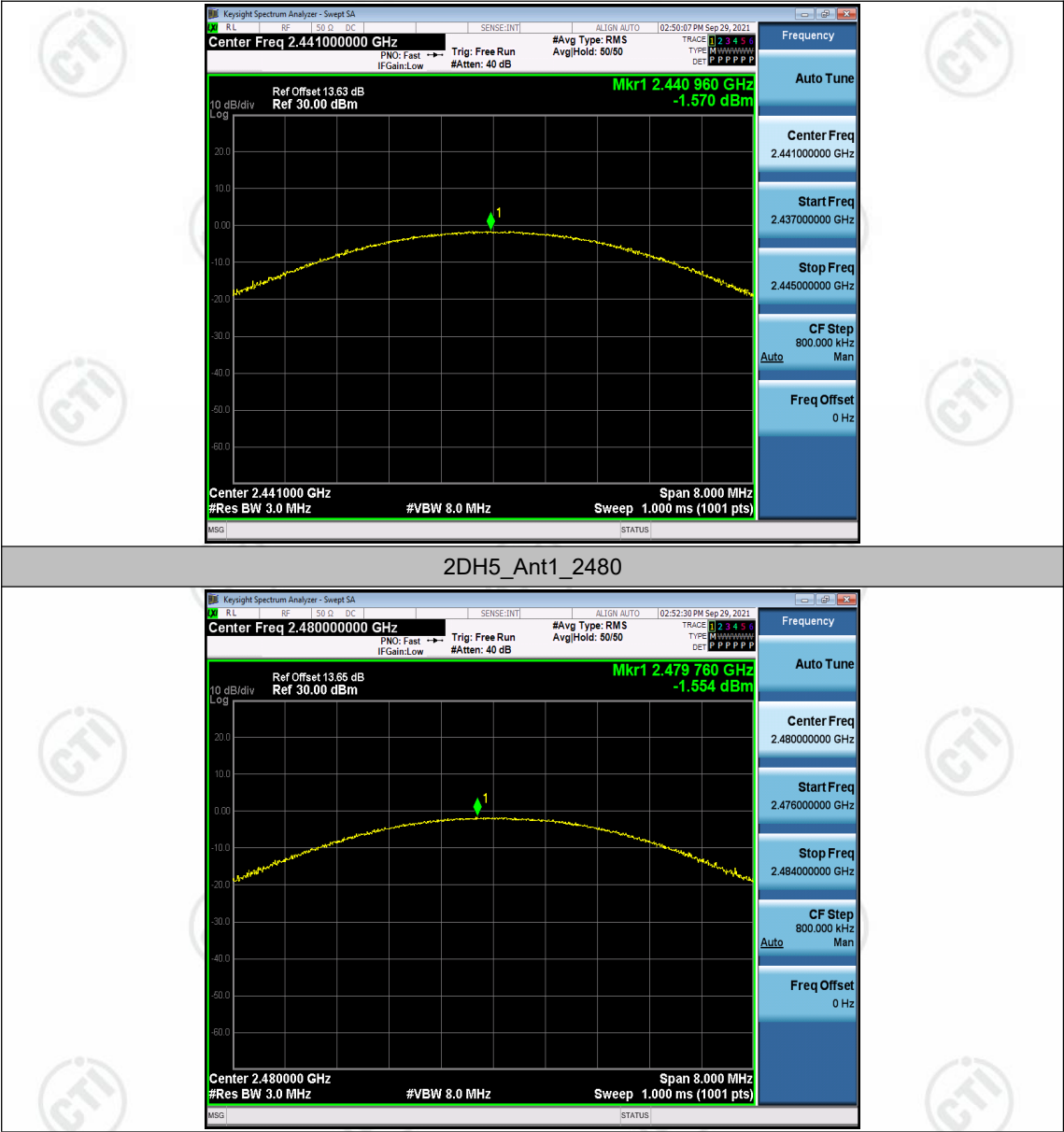
Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
DH5	Ant1	2402	-2.63	<=20.97	PASS
		2441	-2.04	<=20.97	PASS
		2480	-2.19	<=20.97	PASS
2DH5	Ant1	2402	-1.92	<=20.97	PASS
		2441	-1.57	<=20.97	PASS
		2480	-1.55	<=20.97	PASS

Test Graphs





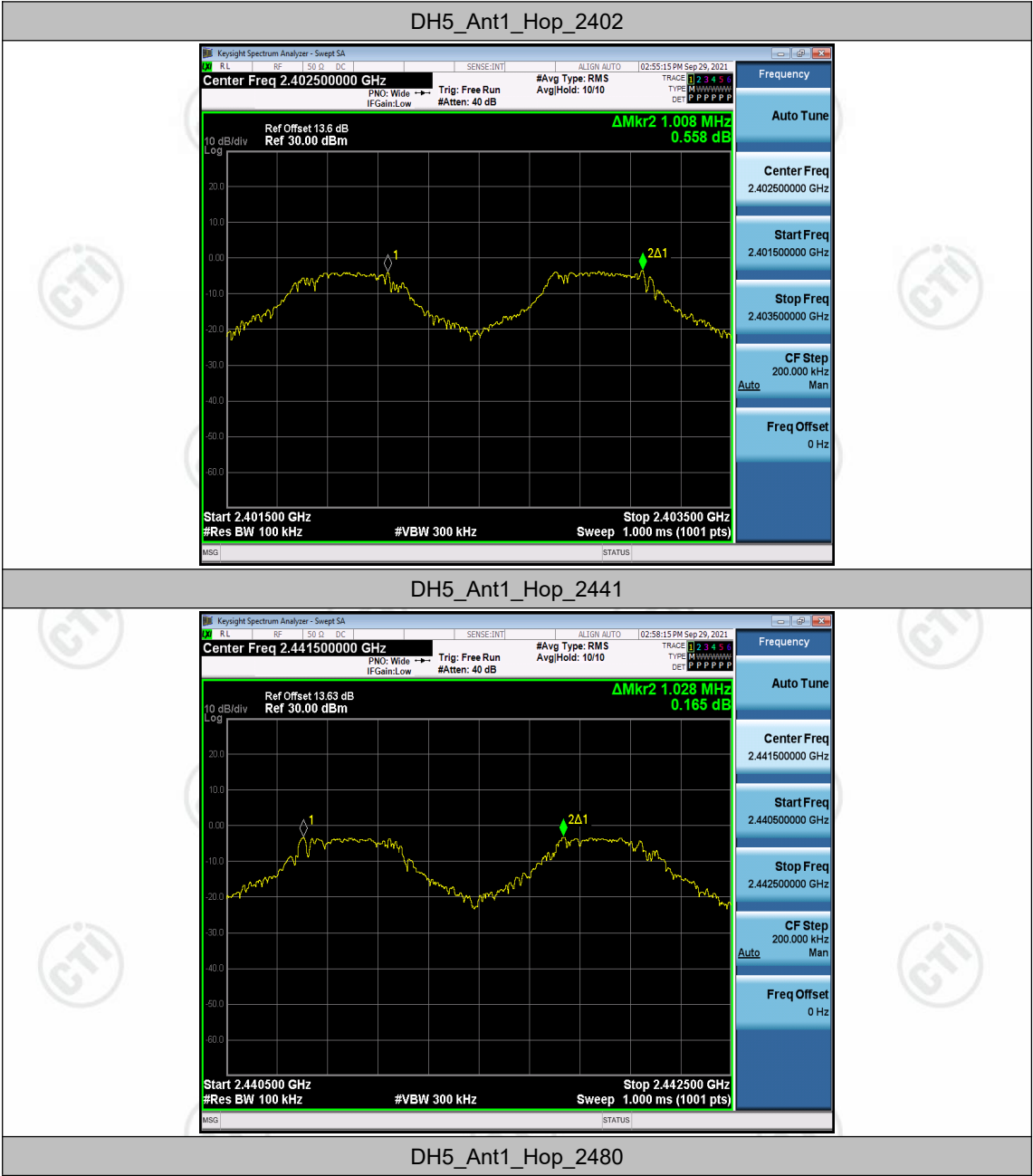


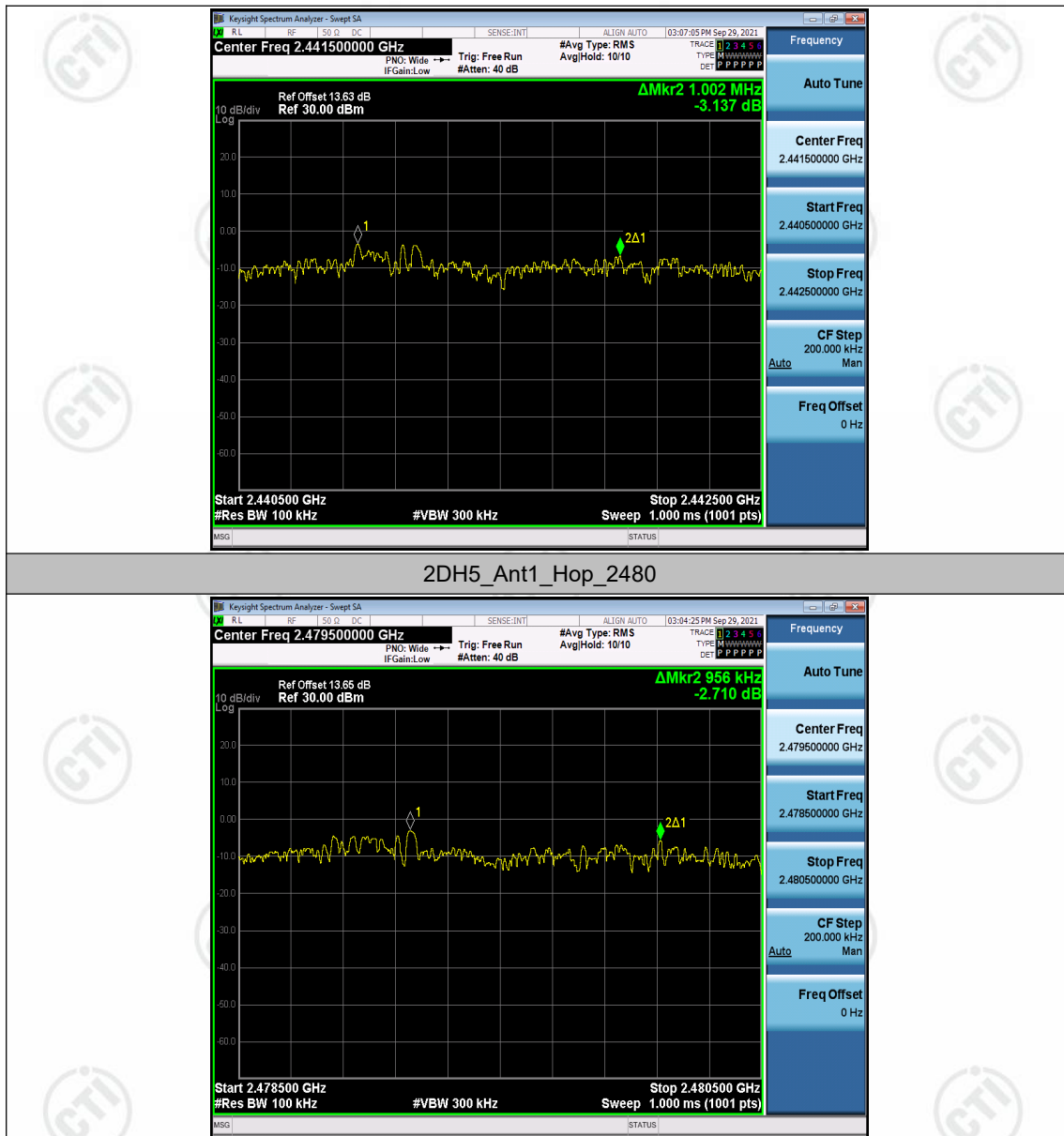
Appendix D: Carrier frequency separation

Test Result

TestMode	Antenna	Channel	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop_2402	1.008	>=0.939	PASS
		Hop_2441	1.028	>=0.939	PASS
		Hop_2480	0.964	>=0.939	PASS
2DH5	Ant1	Hop_2402	1.198	>=0.838	PASS
		Hop_2441	1.002	>=0.838	PASS
		Hop_2480	0.956	>=0.838	PASS

Test Graphs



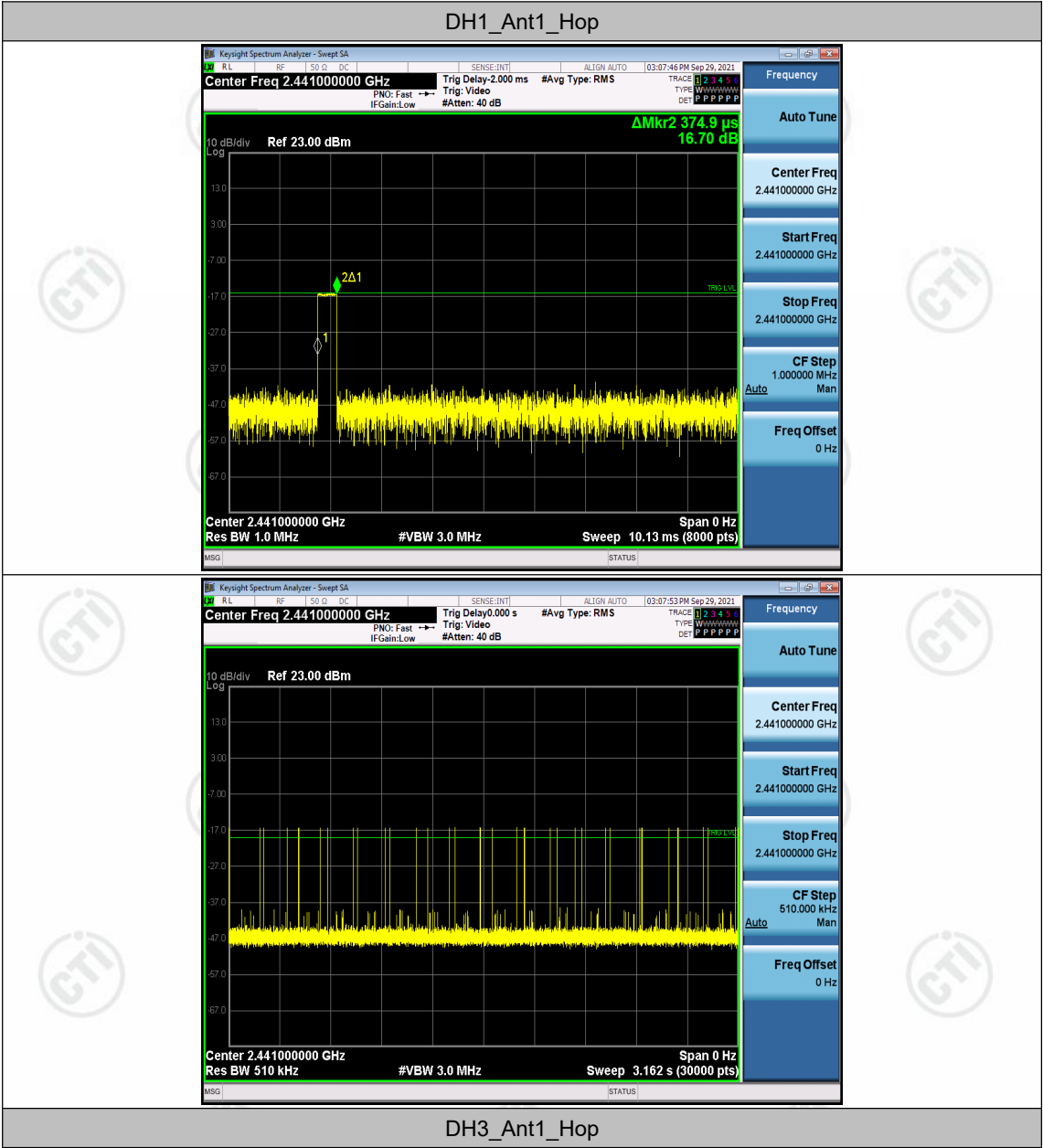


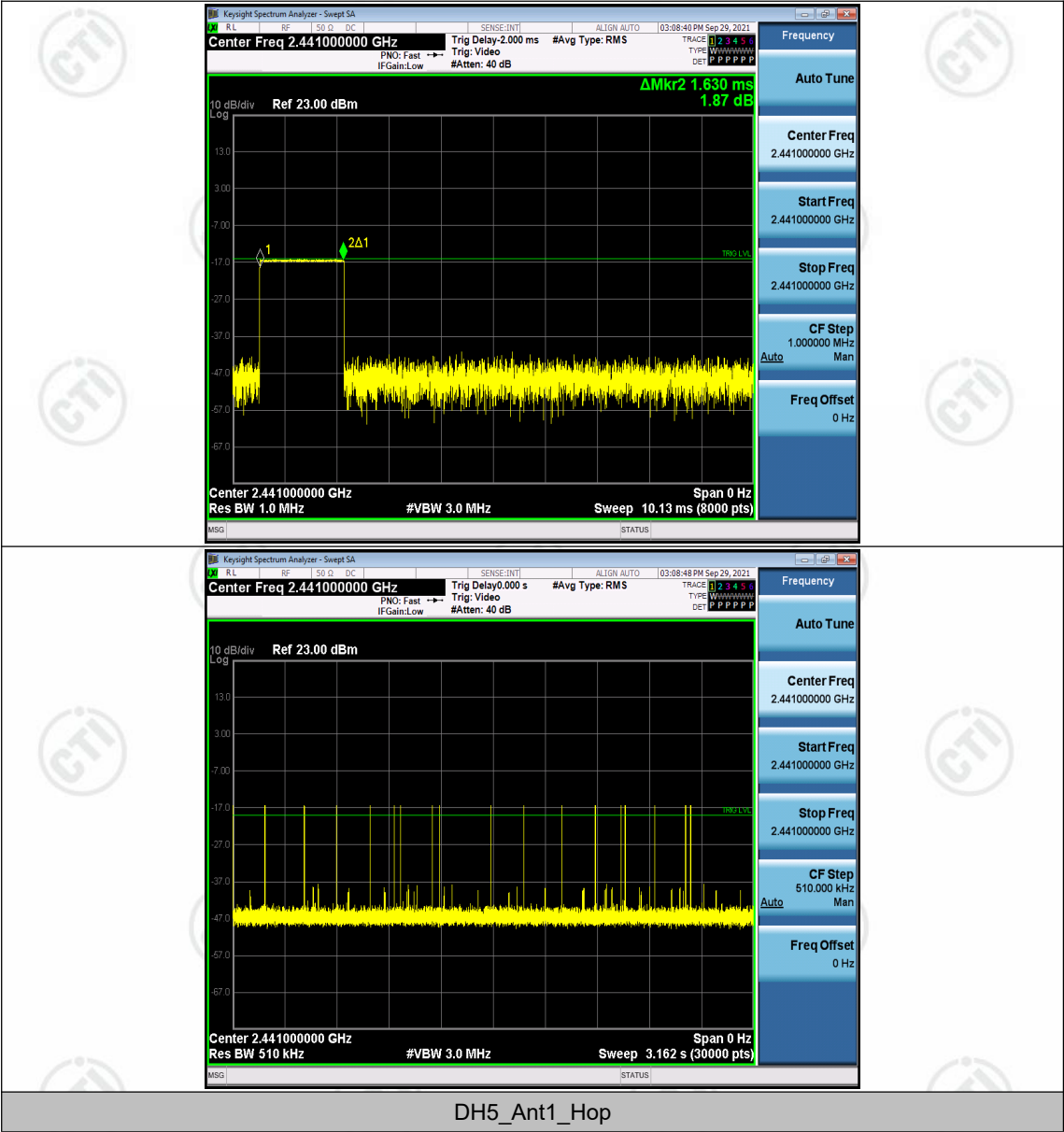
Appendix E: Time of occupancy

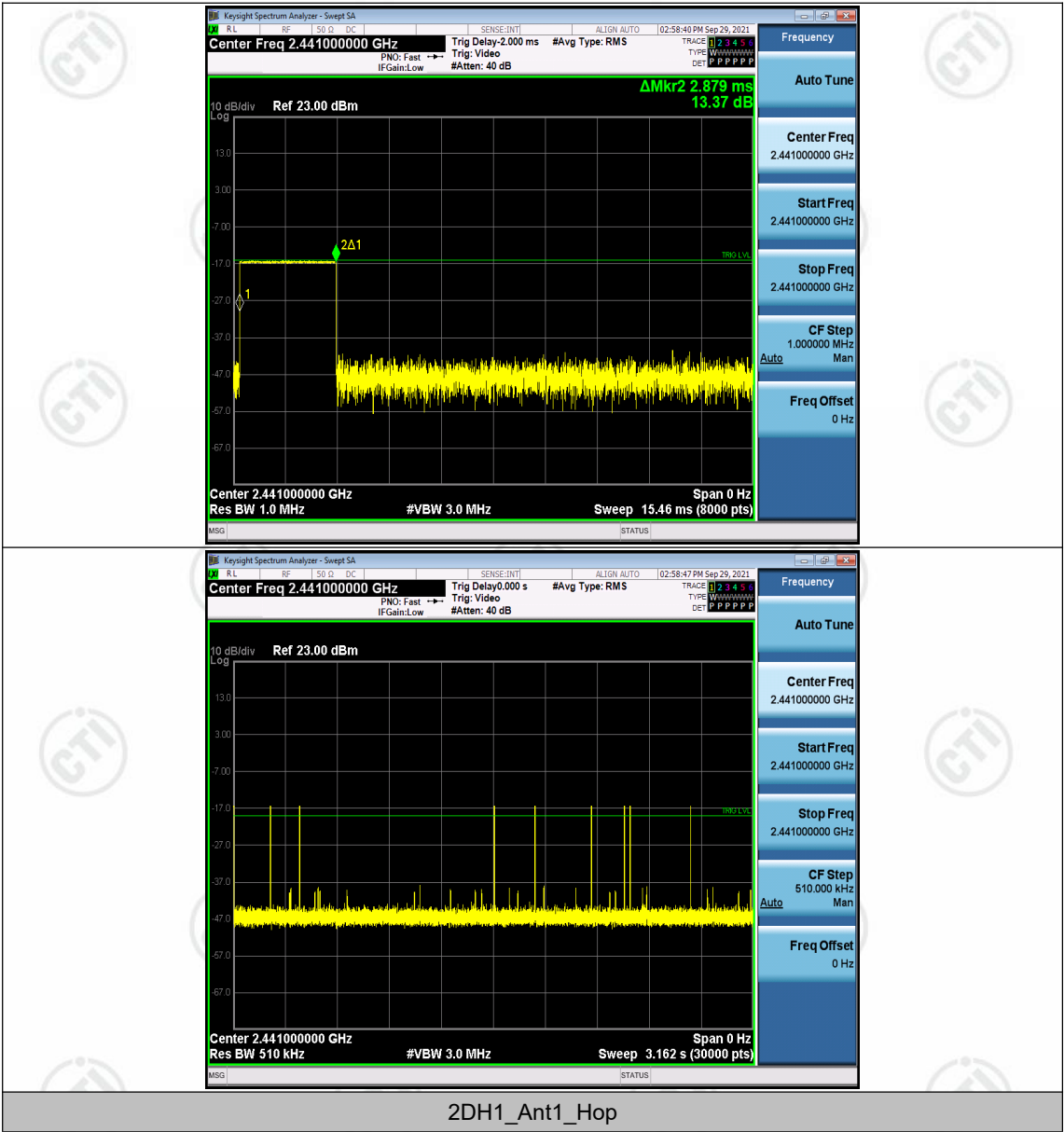
Test Result

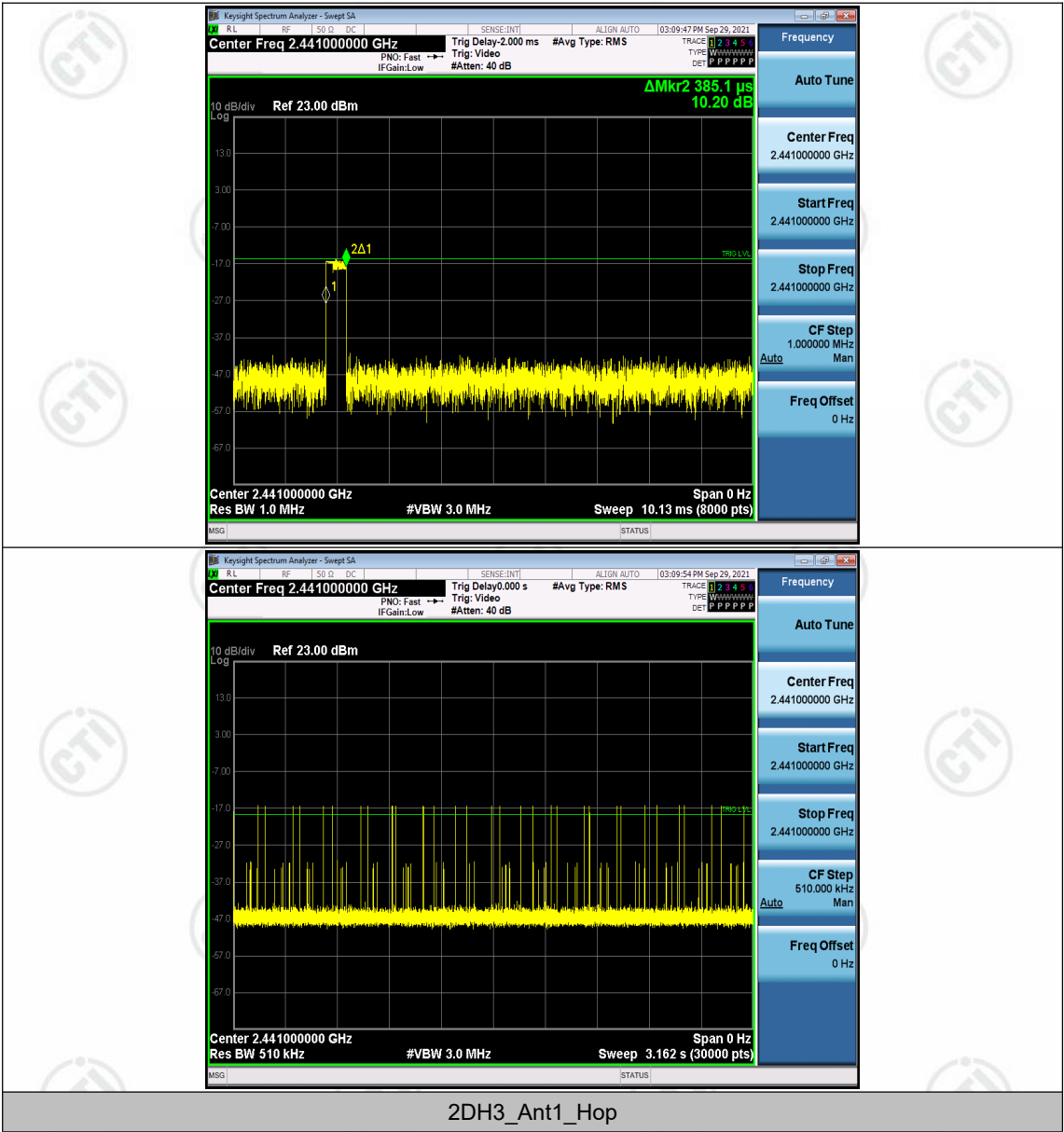
TestMode	Antenna	Channel	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.37	330	0.124	<=0.4	PASS
DH3	Ant1	Hop	1.63	180	0.293	<=0.4	PASS
DH5	Ant1	Hop	2.88	90	0.259	<=0.4	PASS
2DH1	Ant1	Hop	0.39	320	0.123	<=0.4	PASS
2DH3	Ant1	Hop	1.64	170	0.278	<=0.4	PASS
2DH5	Ant1	Hop	2.89	110	0.317	<=0.4	PASS

Test Graphs









2DH3_Ant1_Hop

