

Appendix Test Data

Report No.:	1812C40077712501	Test Sample No.:	1-2-2
Start Test Date:	2024.12.04	Finish Test Date:	2024.12.04
Test Engineer:	<i>Joker Huang</i>	Auditor:	<i>Justin Feng</i>
Temperature:	24.9°C	Relative Humidity:	56%
Pressure:	101kPa		

Appendix A: 20dB Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.945	2401.538	2402.483	---	---
DH5	Ant1	2441	0.939	2440.535	2441.474	---	---
DH5	Ant1	2480	0.951	2479.532	2480.483	---	---
2DH5	Ant1	2402	1.347	2401.325	2402.672	---	---
2DH5	Ant1	2441	1.365	2440.313	2441.678	---	---
2DH5	Ant1	2480	1.362	2479.316	2480.678	---	---
3DH5	Ant1	2402	1.341	2401.322	2402.663	---	---
3DH5	Ant1	2441	1.350	2440.319	2441.669	---	---
3DH5	Ant1	2480	1.347	2479.319	2480.666	---	---



Test Graphs



DH5-Ant1-2402



DH5-Ant1-2441



DH5-Ant1-2480

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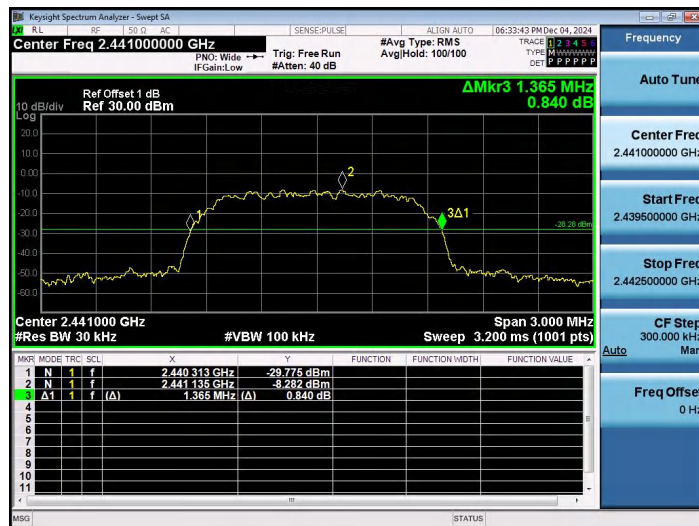
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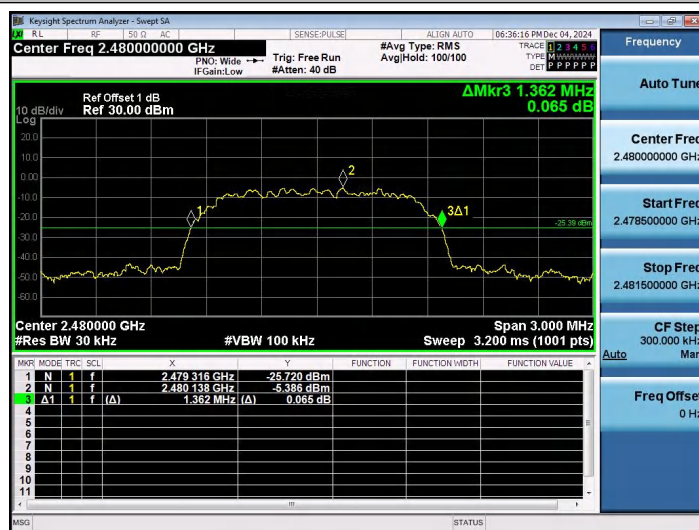




2DH5-Ant1-2402

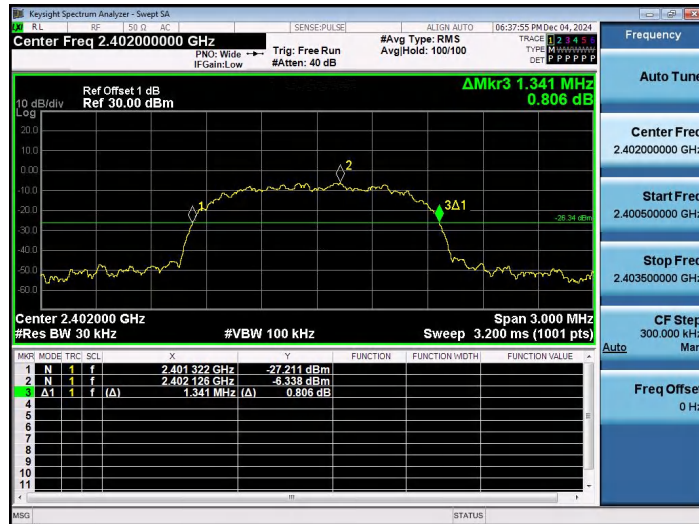


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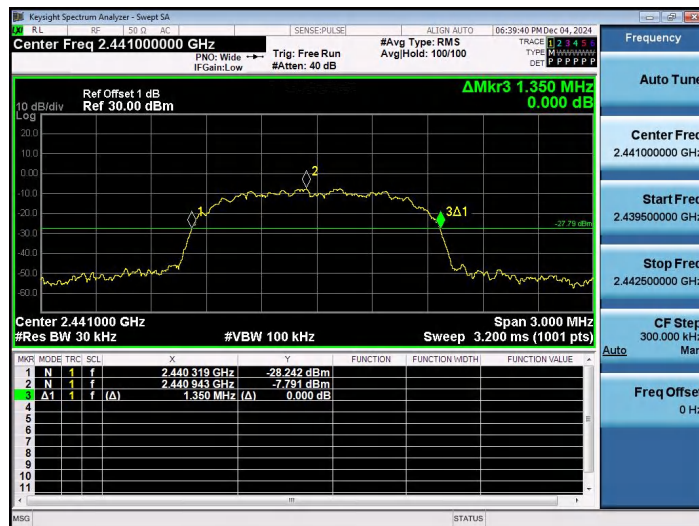


2DH5-Ant1-2480

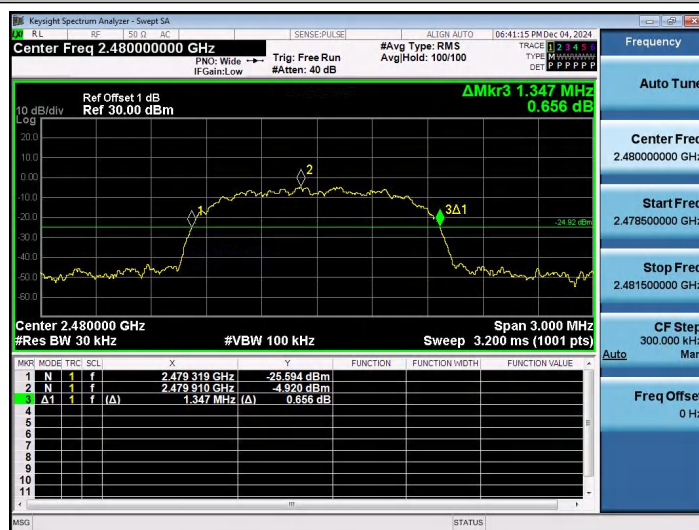




3DH5-Ant1-2402



3DH5-Ant1-2441



3DH5-Ant1-2480



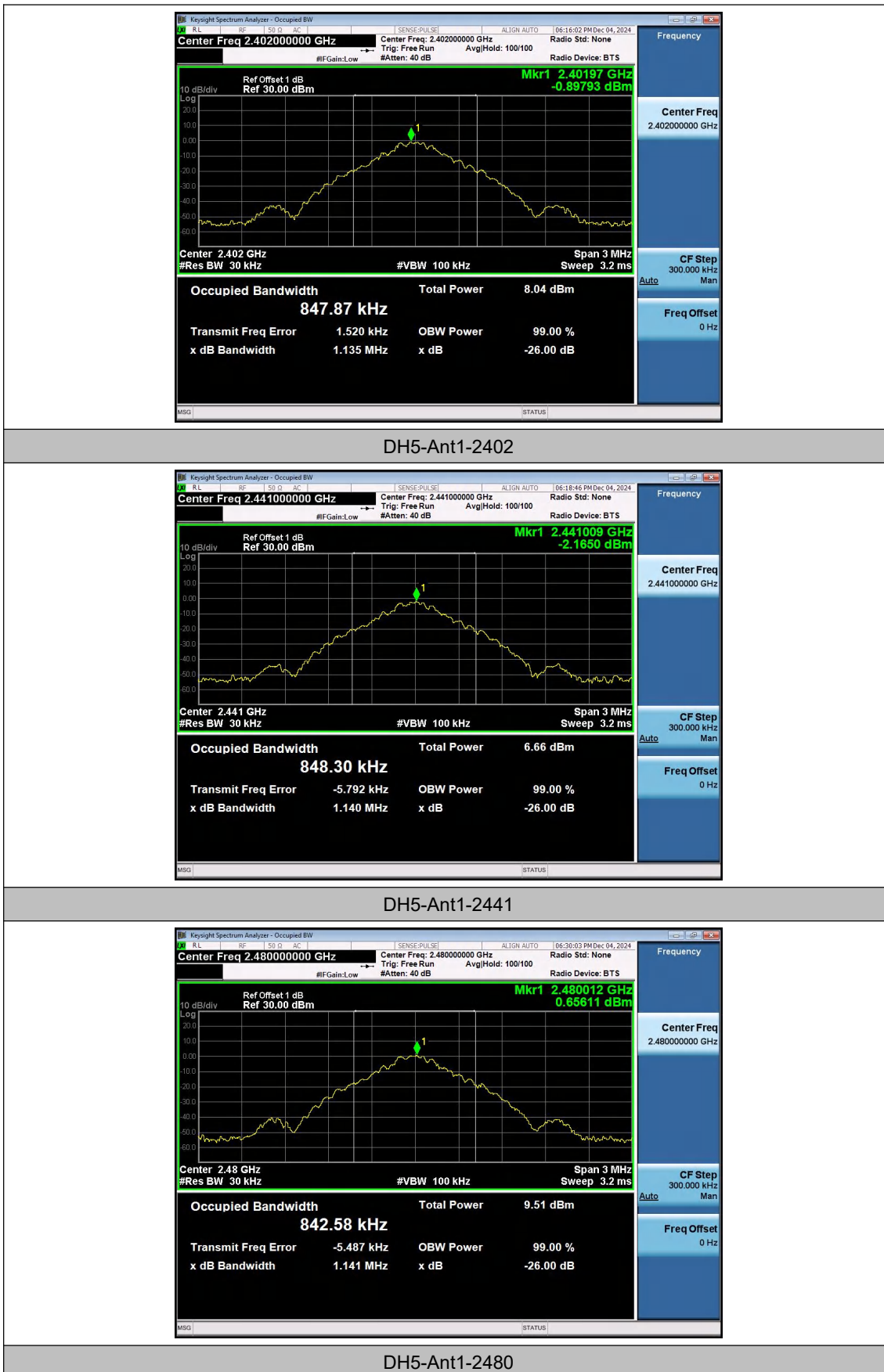
Appendix B: 99% Occupied Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.84787	2401.5776	2402.4255	---	---
DH5	Ant1	2441	0.84830	2440.5701	2441.4184	---	---
DH5	Ant1	2480	0.84258	2479.5732	2480.4158	---	---
2DH5	Ant1	2402	1.1932	2401.4001	2402.5933	---	---
2DH5	Ant1	2441	1.1936	2440.3968	2441.5904	---	---
2DH5	Ant1	2480	1.1918	2479.3983	2480.5901	---	---
3DH5	Ant1	2402	1.1974	2401.3998	2402.5972	---	---
3DH5	Ant1	2441	1.2020	2440.3925	2441.5945	---	---
3DH5	Ant1	2480	1.2001	2479.3911	2480.5912	---	---



Test Graphs



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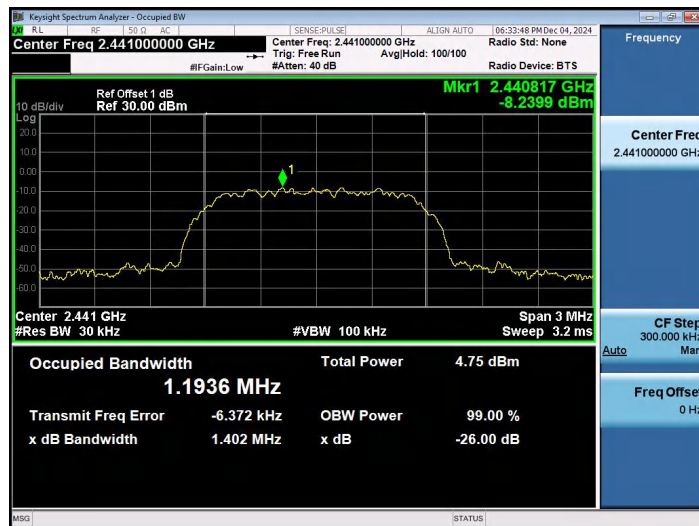
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2DH5-Ant1-2402



2DH5-Ant1-2441

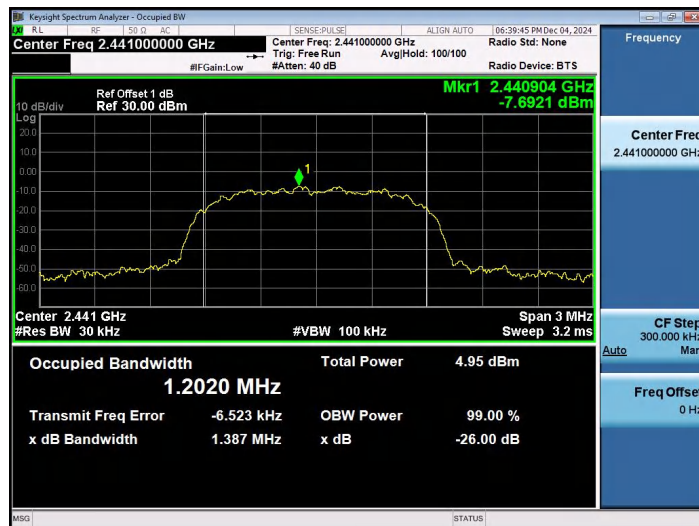


2DH5-Ant1-2480

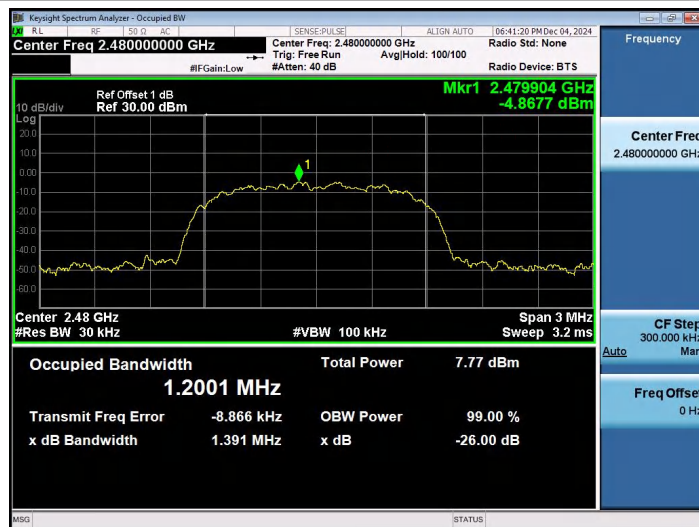




3DH5-Ant1-2402



3DH5-Ant1-2441



3DH5-Ant1-2480



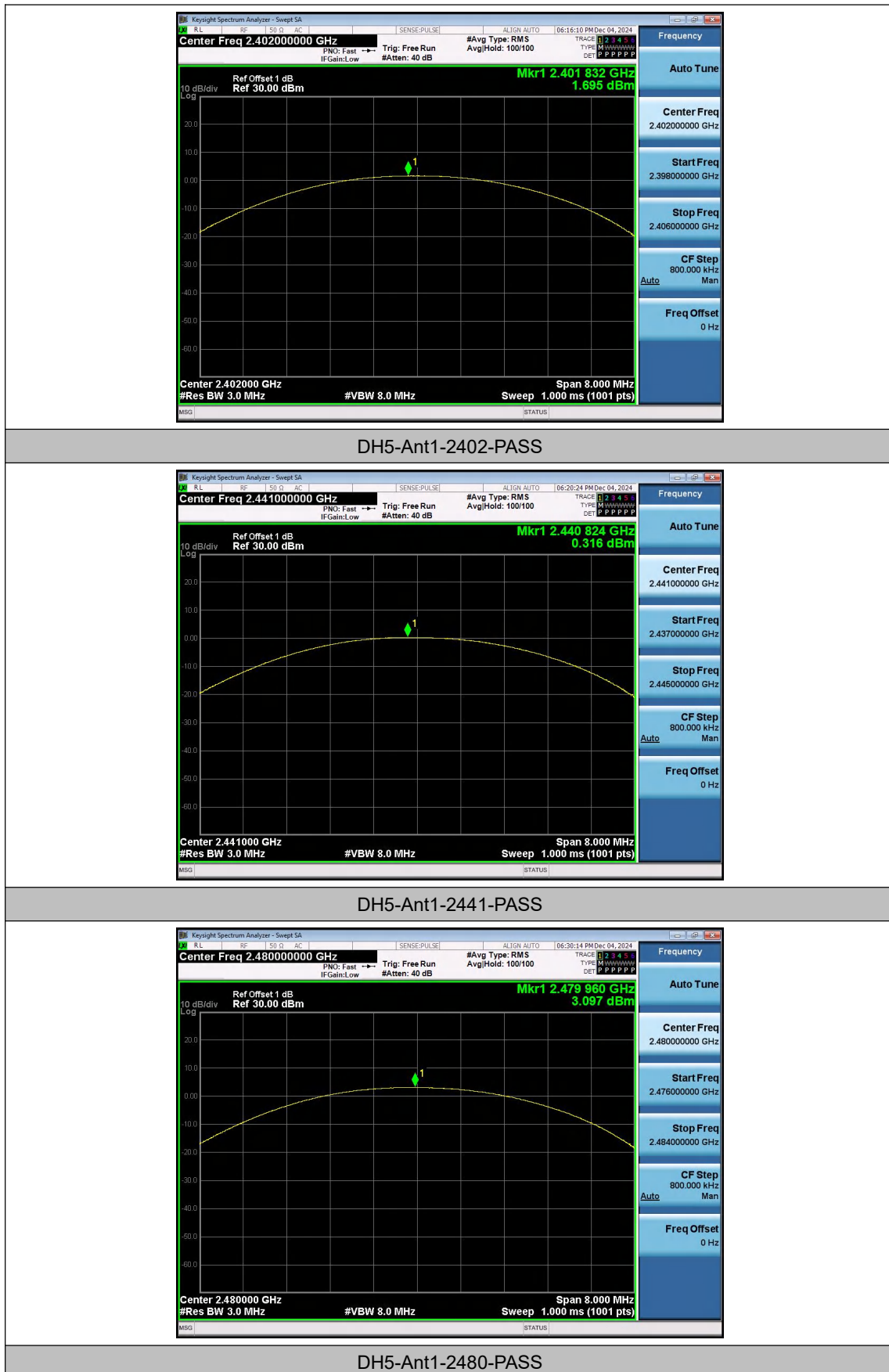
Appendix C: Maximum Conducted Output Power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	1.70	≤20.97	PASS
DH5	Ant1	2441	0.32	≤20.97	PASS
DH5	Ant1	2480	3.10	≤20.97	PASS
2DH5	Ant1	2402	2.17	≤20.97	PASS
2DH5	Ant1	2441	0.84	≤20.97	PASS
2DH5	Ant1	2480	3.49	≤20.97	PASS
3DH5	Ant1	2402	2.42	≤20.97	PASS
3DH5	Ant1	2441	1.19	≤20.97	PASS
3DH5	Ant1	2480	3.91	≤20.97	PASS



Test Graphs



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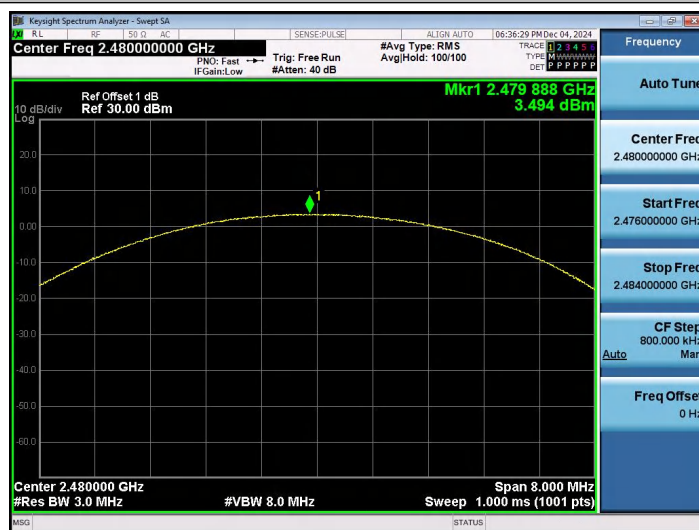




2DH5-Ant1-2402-PASS



2DH5-Ant1-2441-PASS



2DH5-Ant1-2480-PASS

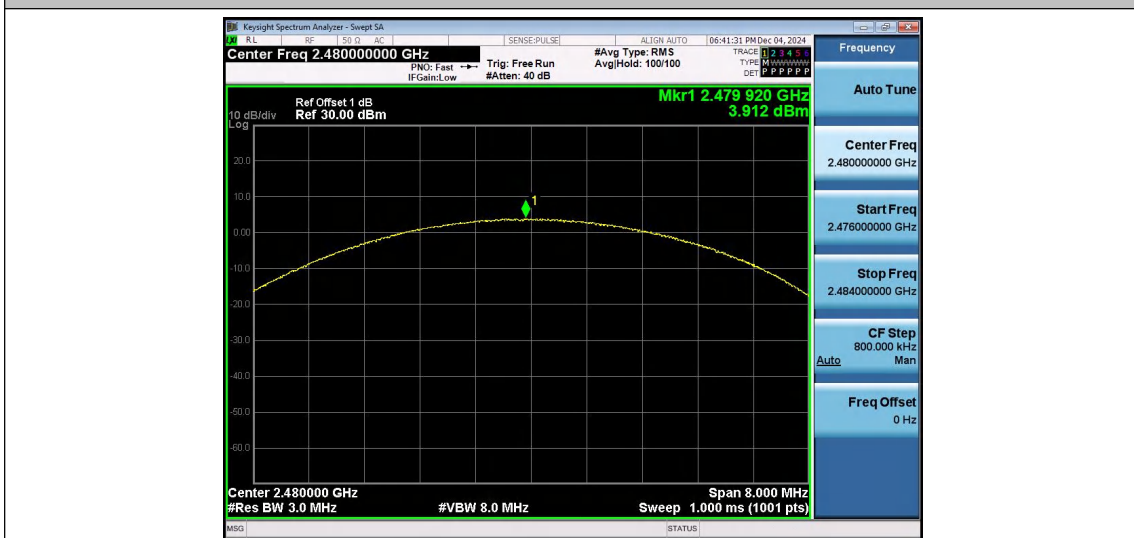




3DH5-Ant1-2402-PASS



3DH5-Ant1-2441-PASS



3DH5-Ant1-2480-PASS



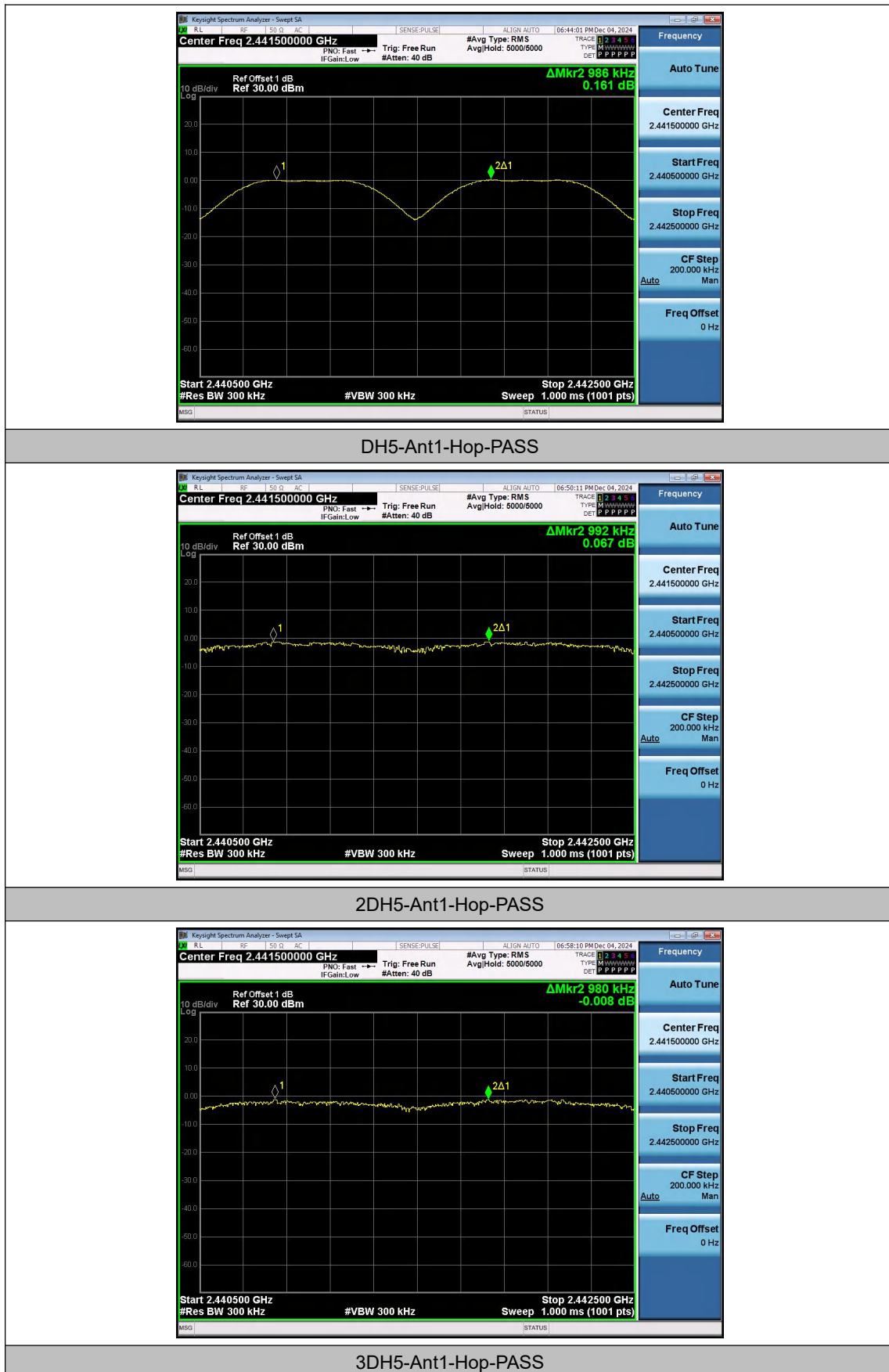
Appendix D: Carrier frequency separation

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	0.986	≥0.634	PASS
2DH5	Ant1	Hop	0.992	≥0.910	PASS
3DH5	Ant1	Hop	0.98	≥0.900	PASS



Test Graphs



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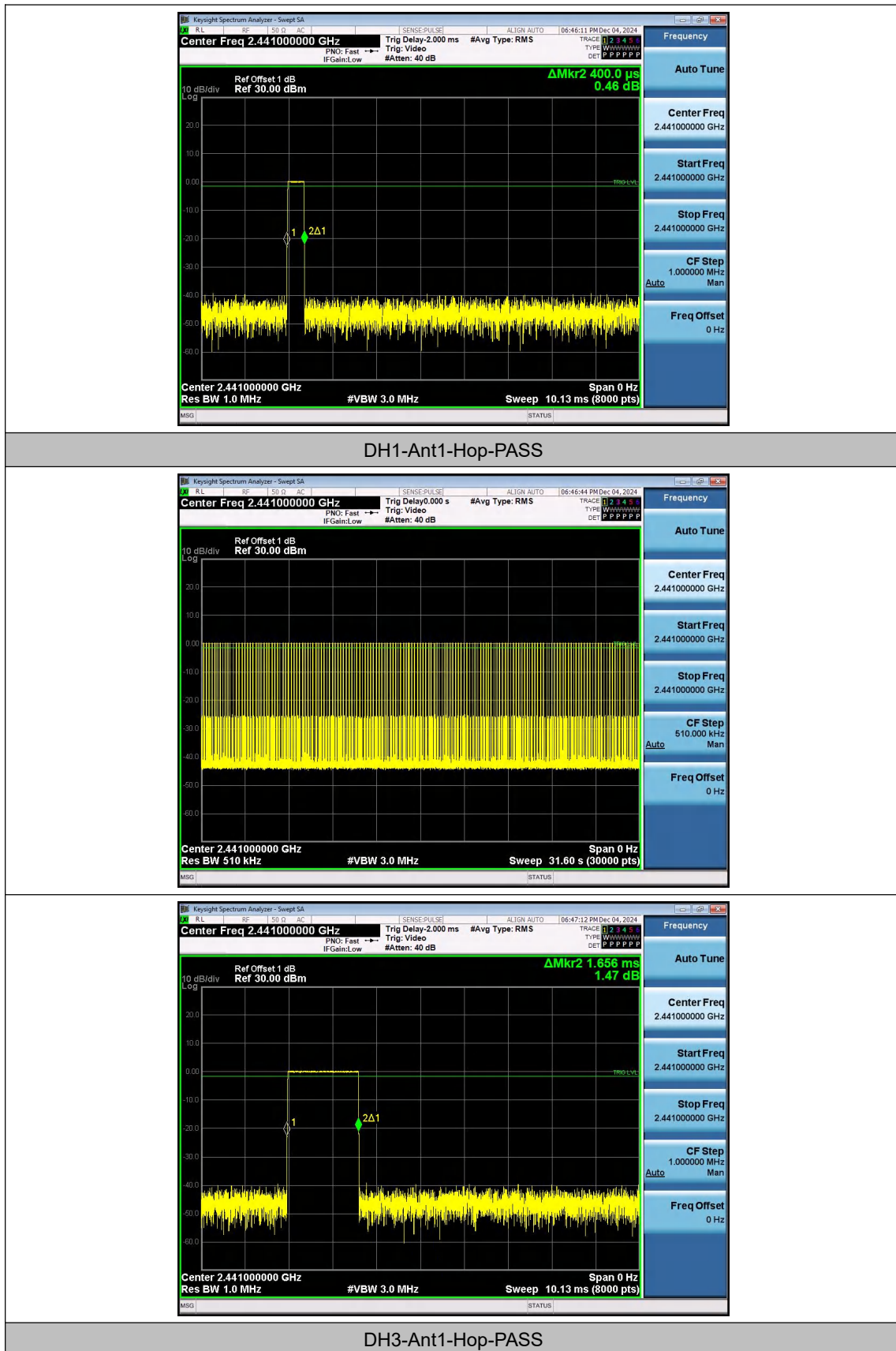
Appendix E: Dwell Time

Test Result

Test Mode	Antenna	Frequency [MHz]	Burst Width [ms]	Total Hops [Num]	Result [s]	Limit [s]	Verdict
DH1	Ant1	Hop	0.400	304	0.122	≤0.4	PASS
DH3	Ant1	Hop	1.656	151	0.25	≤0.4	PASS
DH5	Ant1	Hop	2.903	97	0.282	≤0.4	PASS
2DH1	Ant1	Hop	0.405	307	0.124	≤0.4	PASS
2DH3	Ant1	Hop	1.657	151	0.25	≤0.4	PASS
2DH5	Ant1	Hop	2.904	107	0.311	≤0.4	PASS
3DH1	Ant1	Hop	0.404	310	0.125	≤0.4	PASS
3DH3	Ant1	Hop	1.657	161	0.267	≤0.4	PASS
3DH5	Ant1	Hop	2.907	95	0.276	≤0.4	PASS



Test Graphs

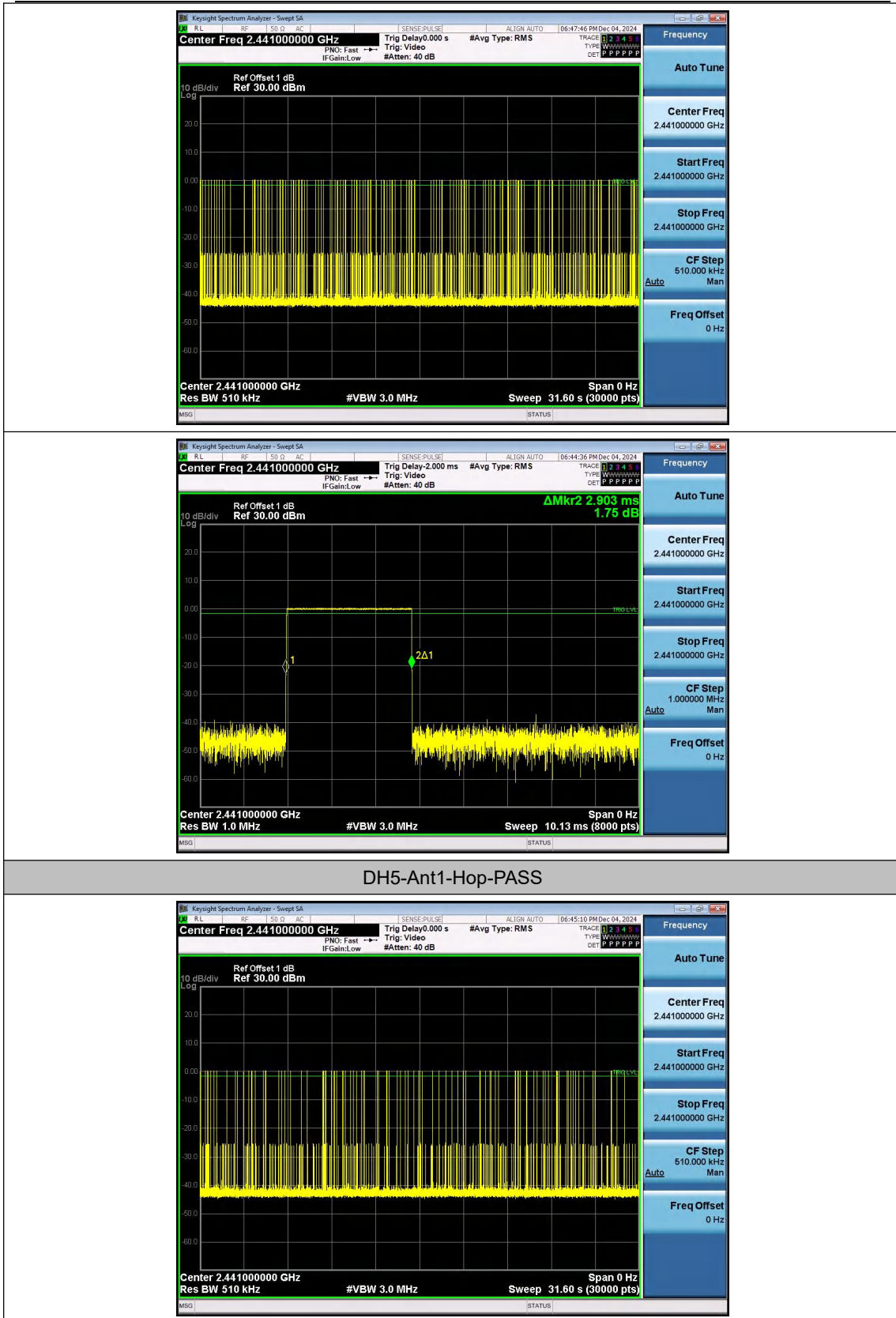


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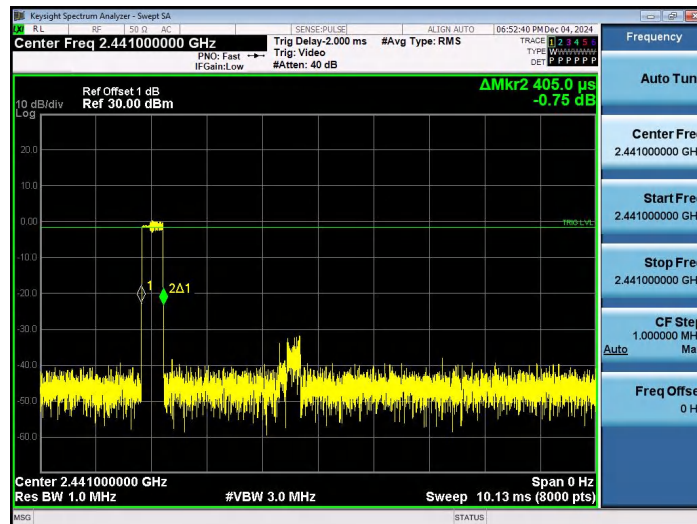
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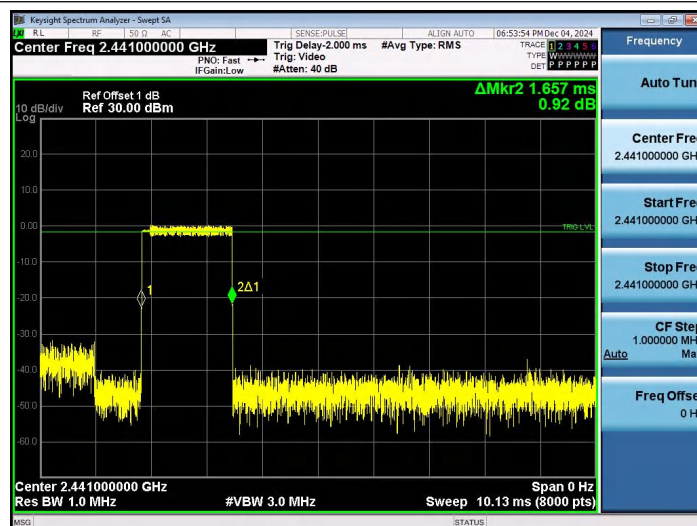
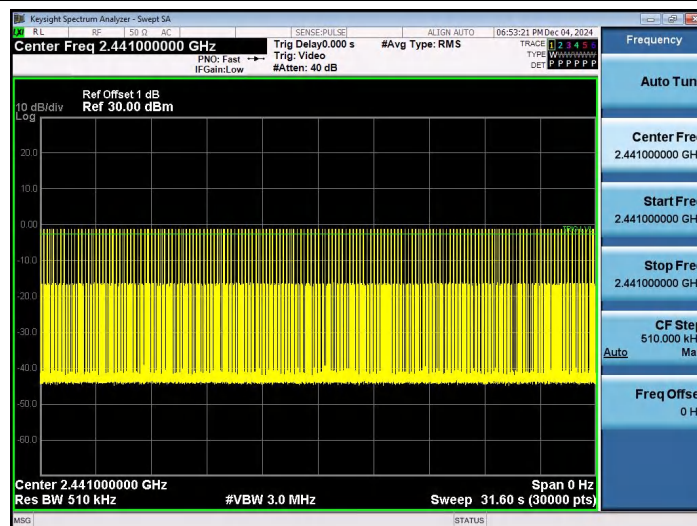


DH5-Ant1-Hop-PASS



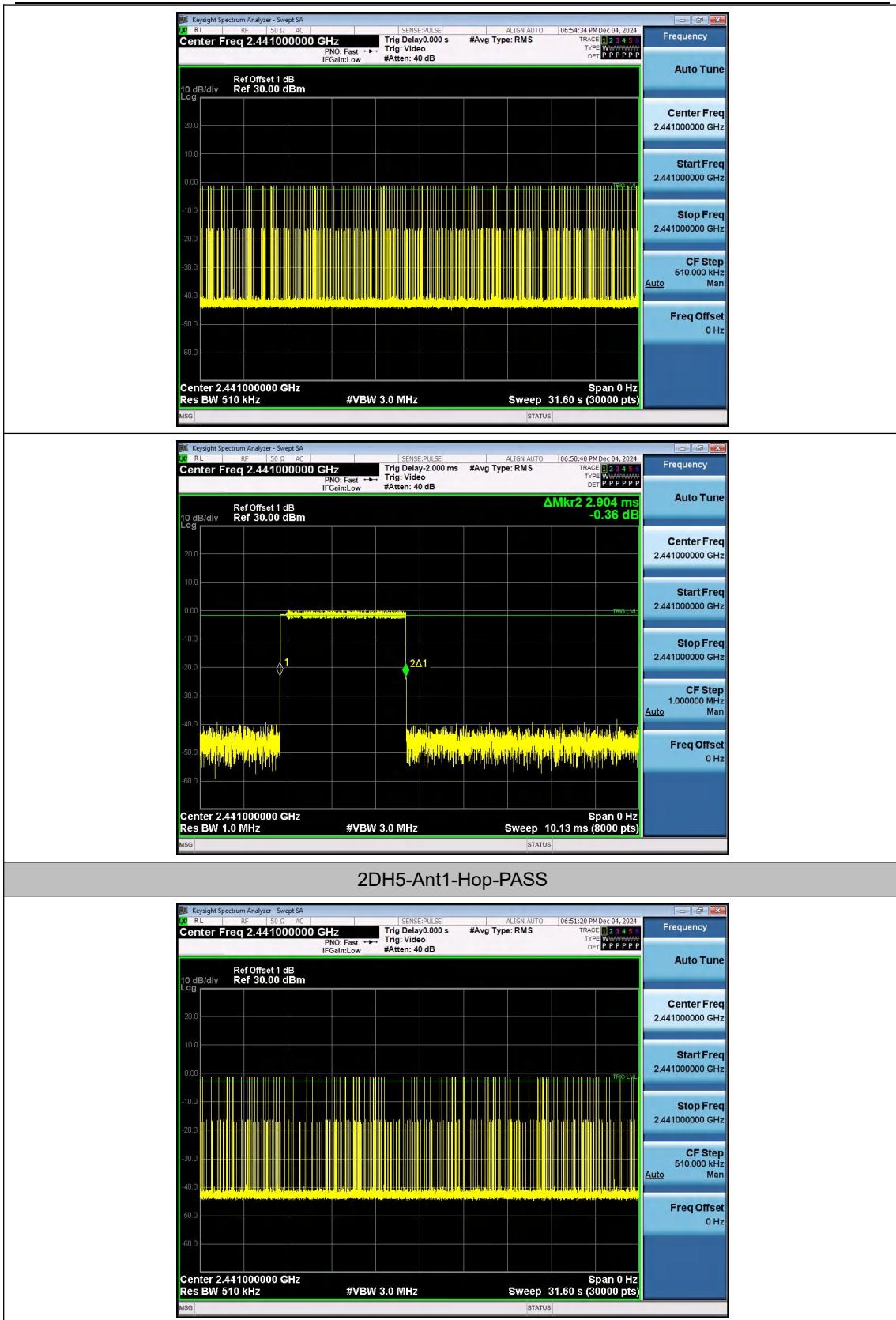


2DH1-Ant1-Hop-PASS



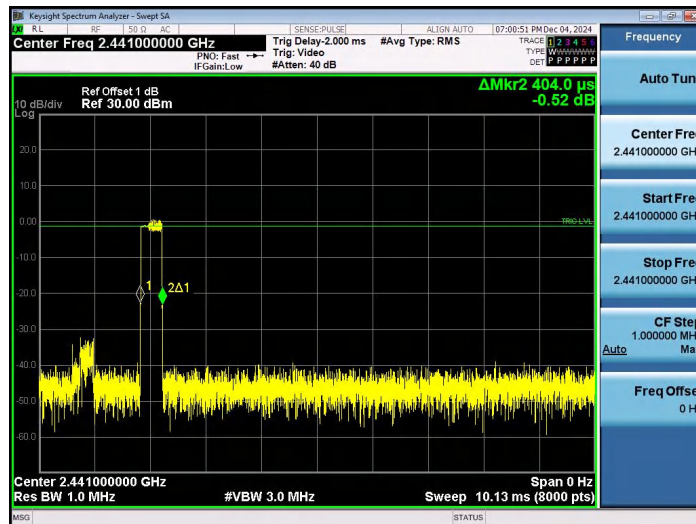
2DH3-Ant1-Hop-PASS



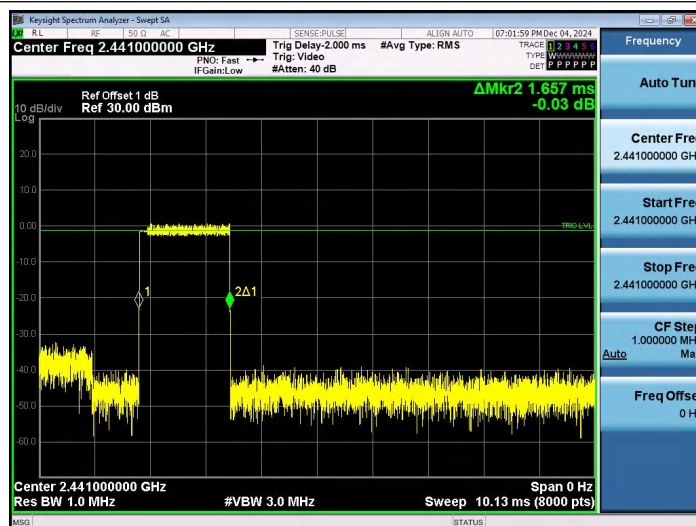
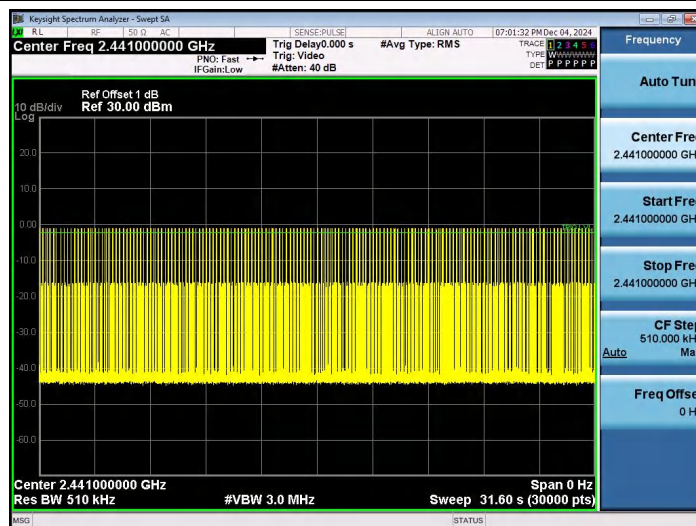


2DH5-Ant1-Hop-PASS



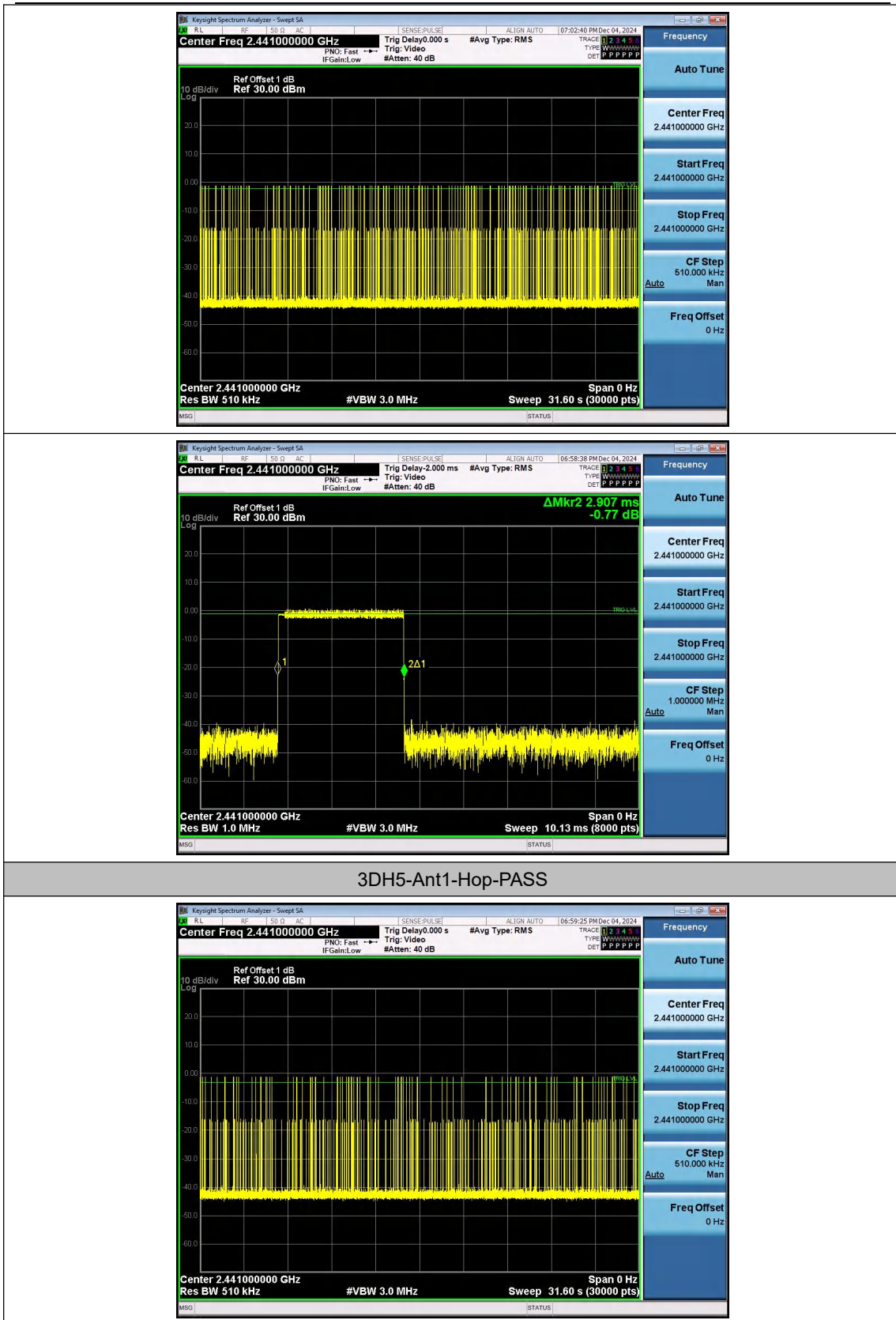


3DH1-Ant1-Hop-PASS



3DH3-Ant1-Hop-PASS





Appendix F: Number of Hopping Channel

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [Num]	Limit [Num]	Verdict
DH5	Ant1	Hop	79	≥15	PASS
2DH5	Ant1	Hop	79	≥15	PASS
3DH5	Ant1	Hop	79	≥15	PASS

