

Appendix Test Data

Report No.:	1819C500294125	Test Sample No.:	1-2-2
Start Test Date:	2025.04.07	Finish Test Date:	2025.04.24
Test Engineer:	<i>Alex Peng</i>	Auditor:	<i>Justin Feng</i>
Temperature:	22.4°C	Relative Humidity:	43%
Pressure:	101kPa		

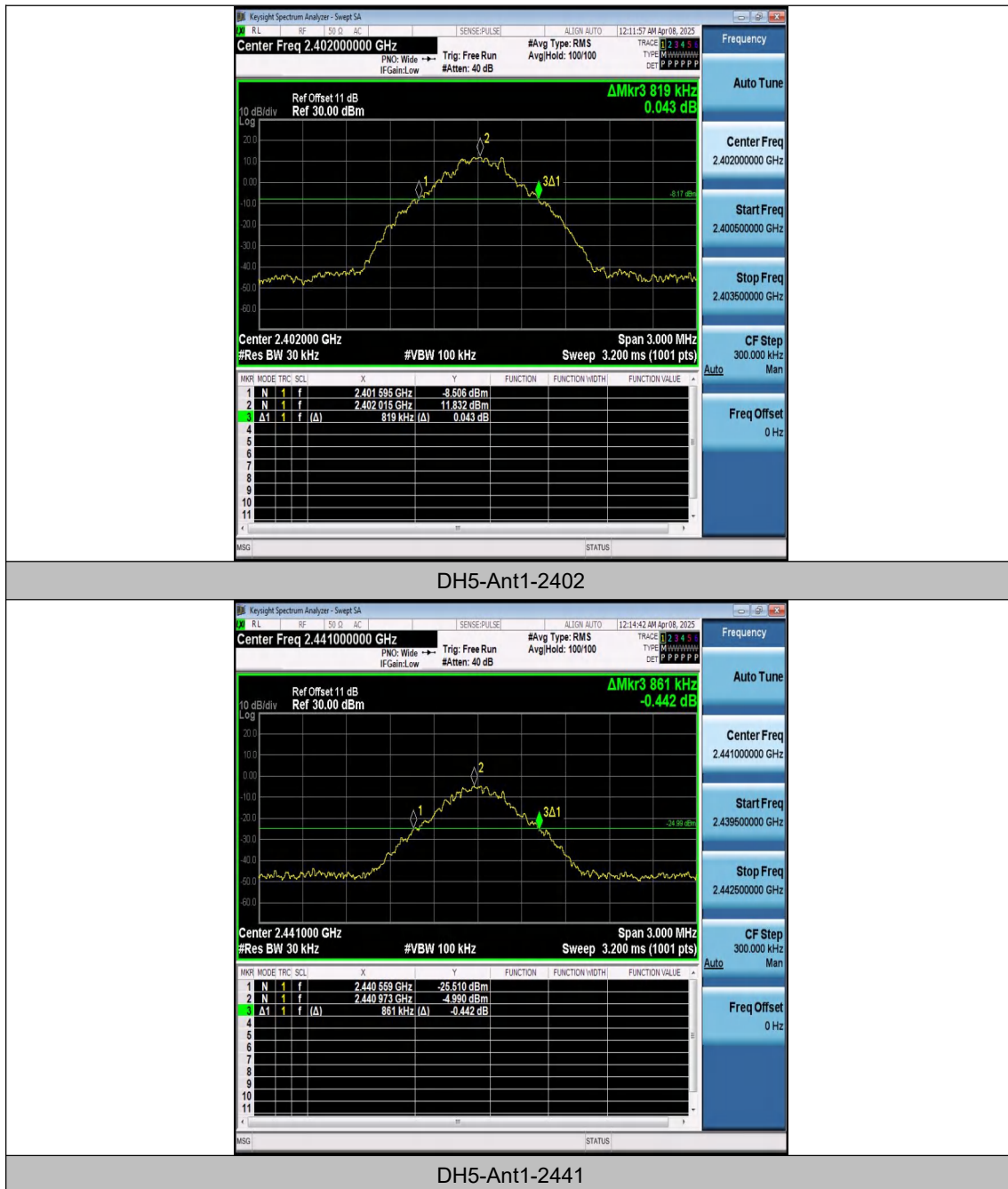
Appendix A: 20dB Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.819	2401.595	2402.414	---	---
DH5	Ant1	2441	0.861	2440.559	2441.420	---	---
DH5	Ant1	2480	0.849	2479.568	2480.417	---	---
2DH5	Ant1	2402	1.284	2401.364	2402.648	---	---
2DH5	Ant1	2441	1.248	2440.379	2441.627	---	---
2DH5	Ant1	2480	1.296	2479.358	2480.654	---	---
3DH5	Ant1	2402	1.269	2401.358	2402.627	---	---
3DH5	Ant1	2441	1.284	2440.355	2441.639	---	---
3DH5	Ant1	2480	1.296	2479.352	2480.648	---	---



Test Graphs

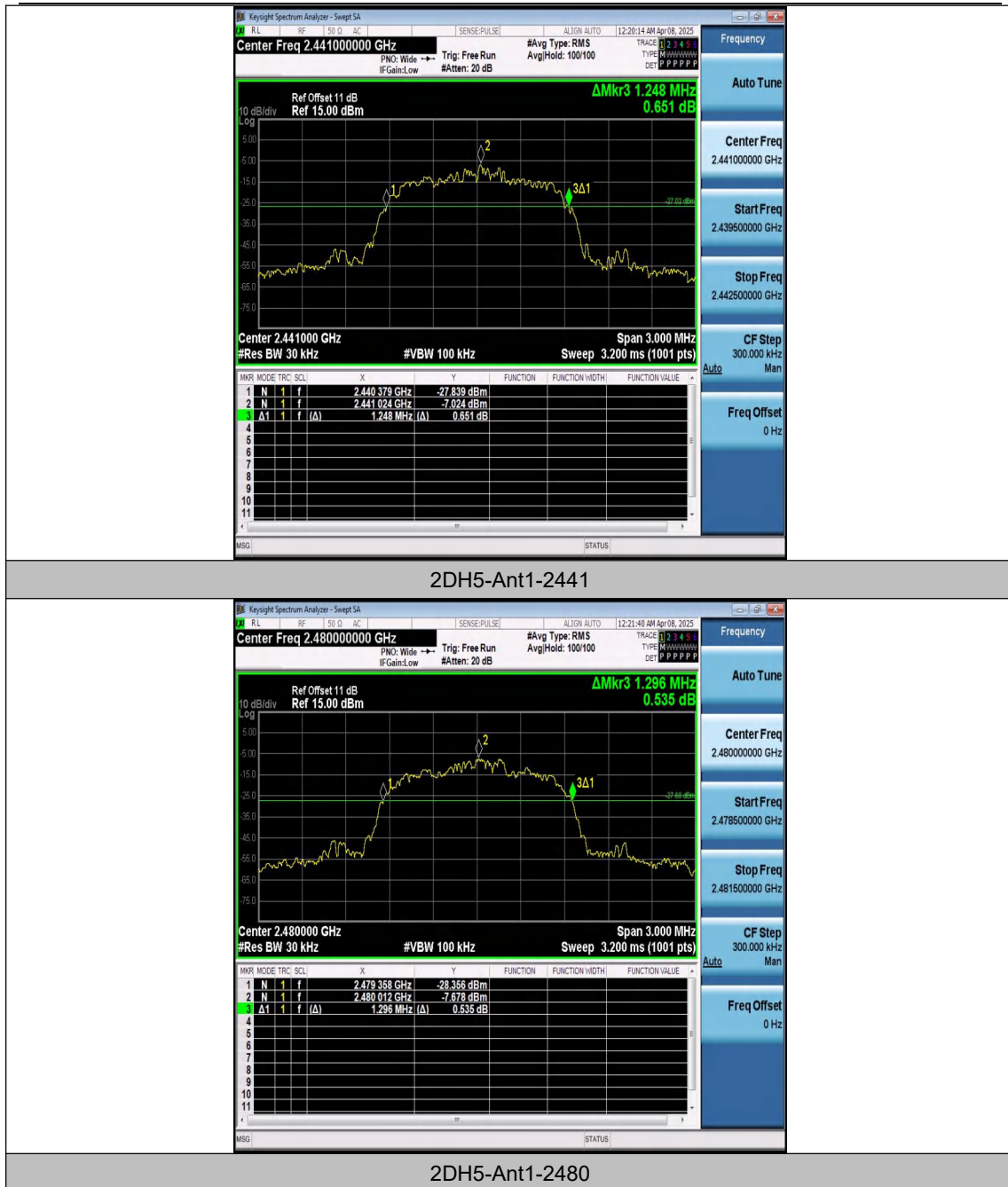




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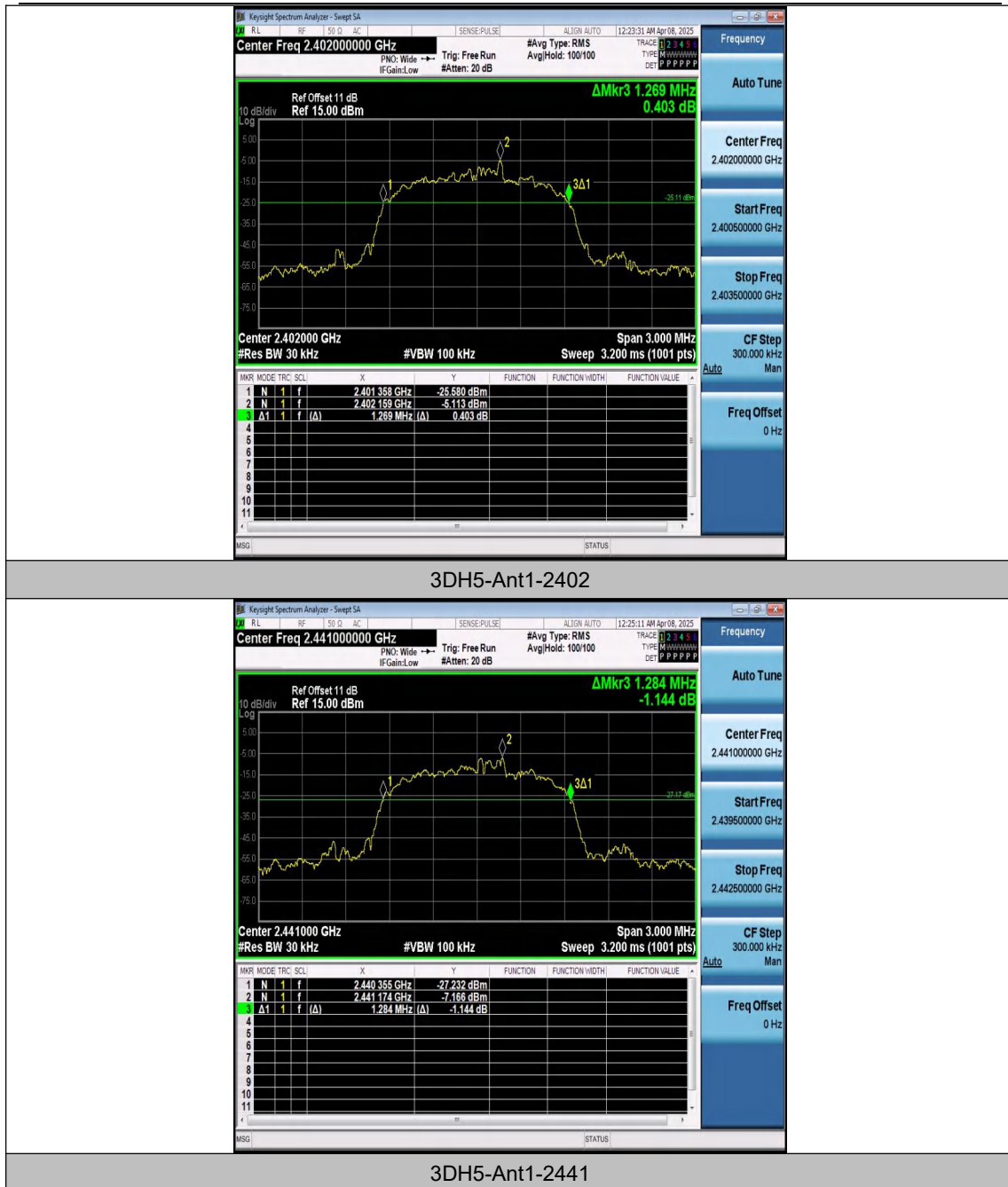
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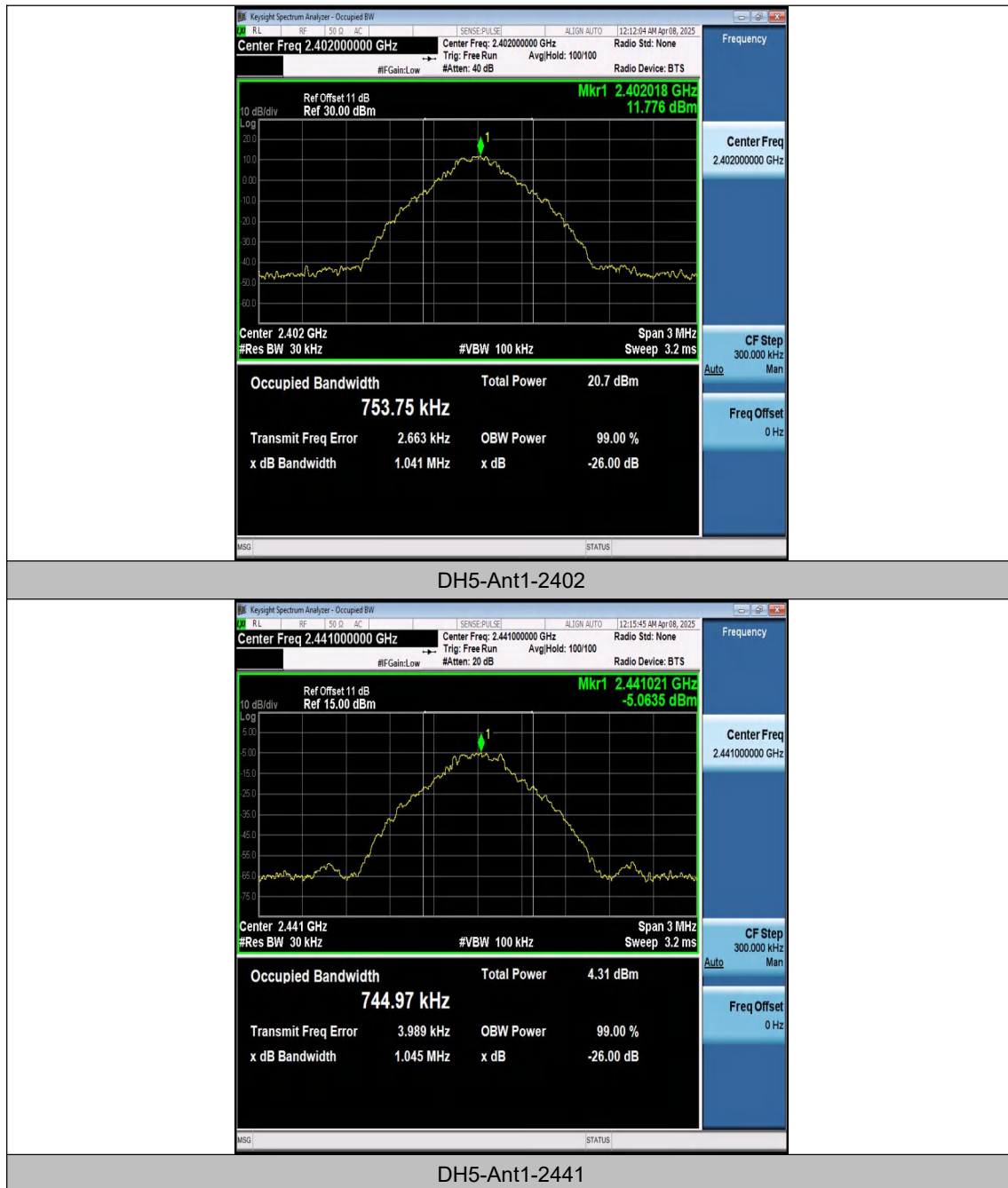
Appendix B: 99% Occupied Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.75375	2401.6258	2402.3795	---	---
DH5	Ant1	2441	0.74497	2440.6315	2441.3765	---	---
DH5	Ant1	2480	0.76580	2479.6206	2480.3864	---	---
2DH5	Ant1	2402	1.1631	2401.4164	2402.5795	---	---
2DH5	Ant1	2441	1.1616	2440.4168	2441.5784	---	---
2DH5	Ant1	2480	1.1590	2479.4157	2480.5747	---	---
3DH5	Ant1	2402	1.1727	2401.4141	2402.5868	---	---
3DH5	Ant1	2441	1.1638	2440.4191	2441.5829	---	---
3DH5	Ant1	2480	1.1635	2479.4230	2480.5865	---	---



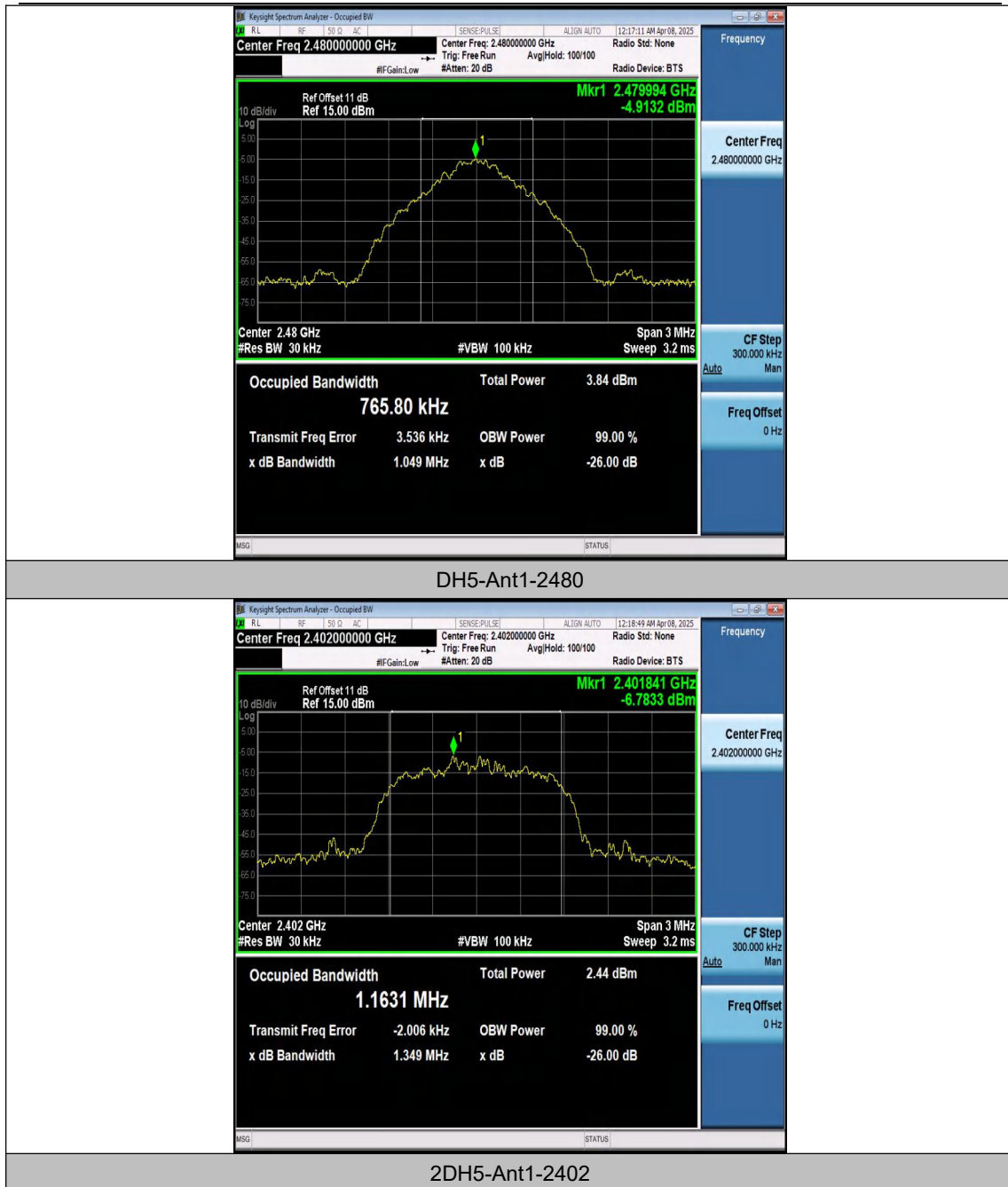
Test Graphs



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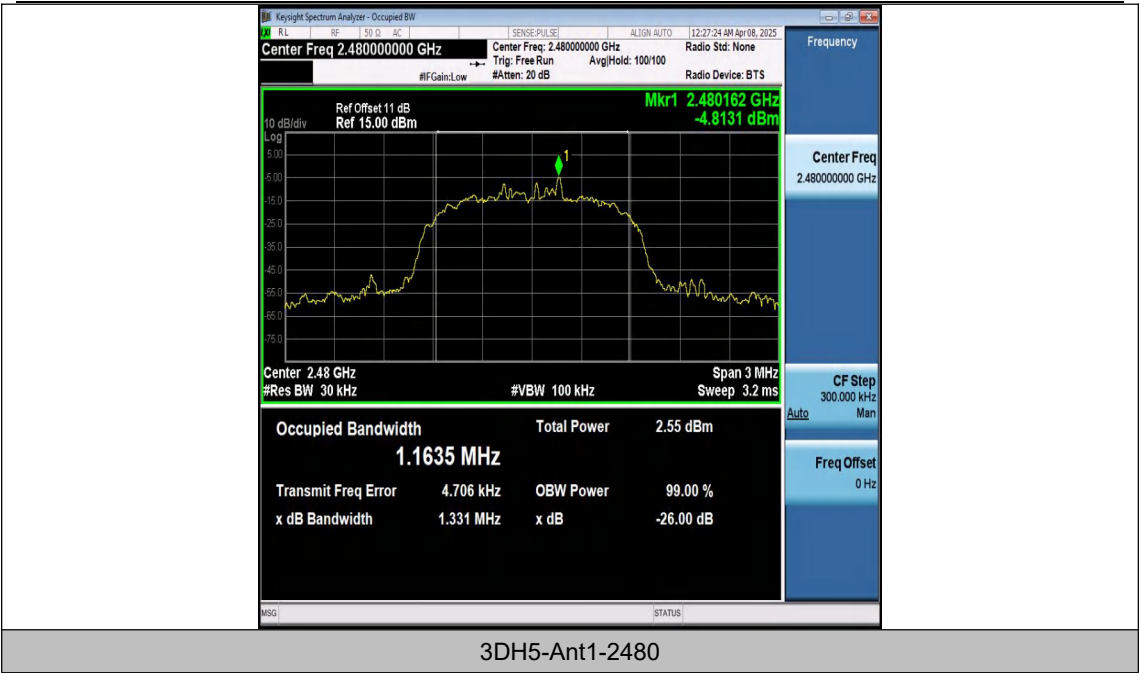
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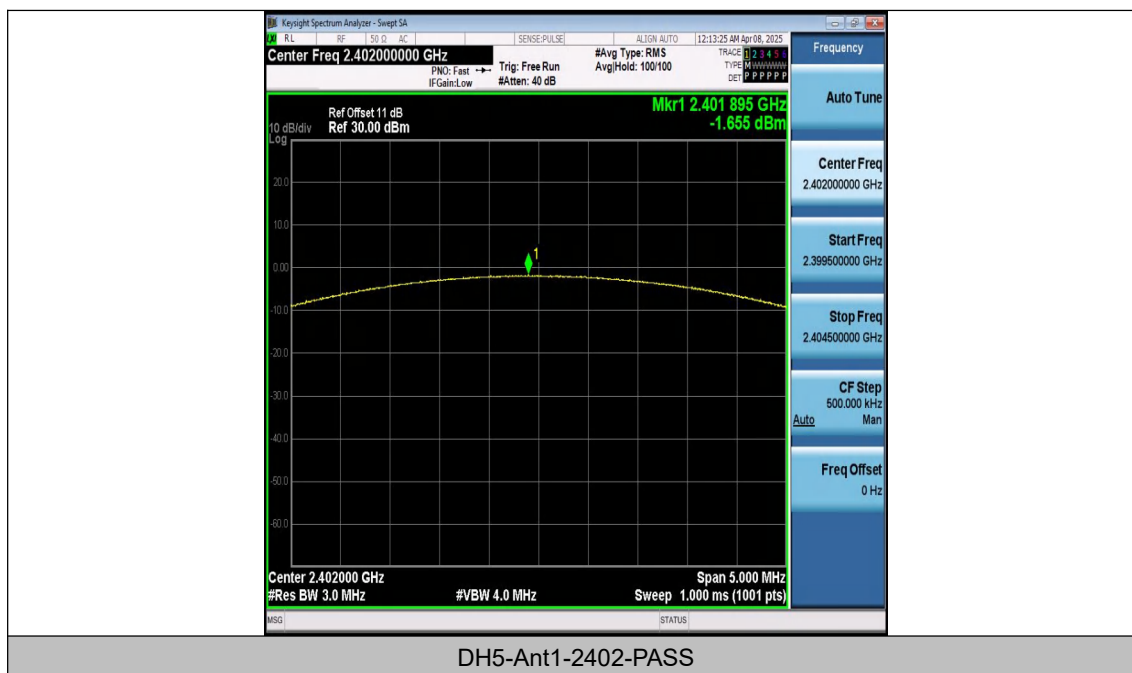
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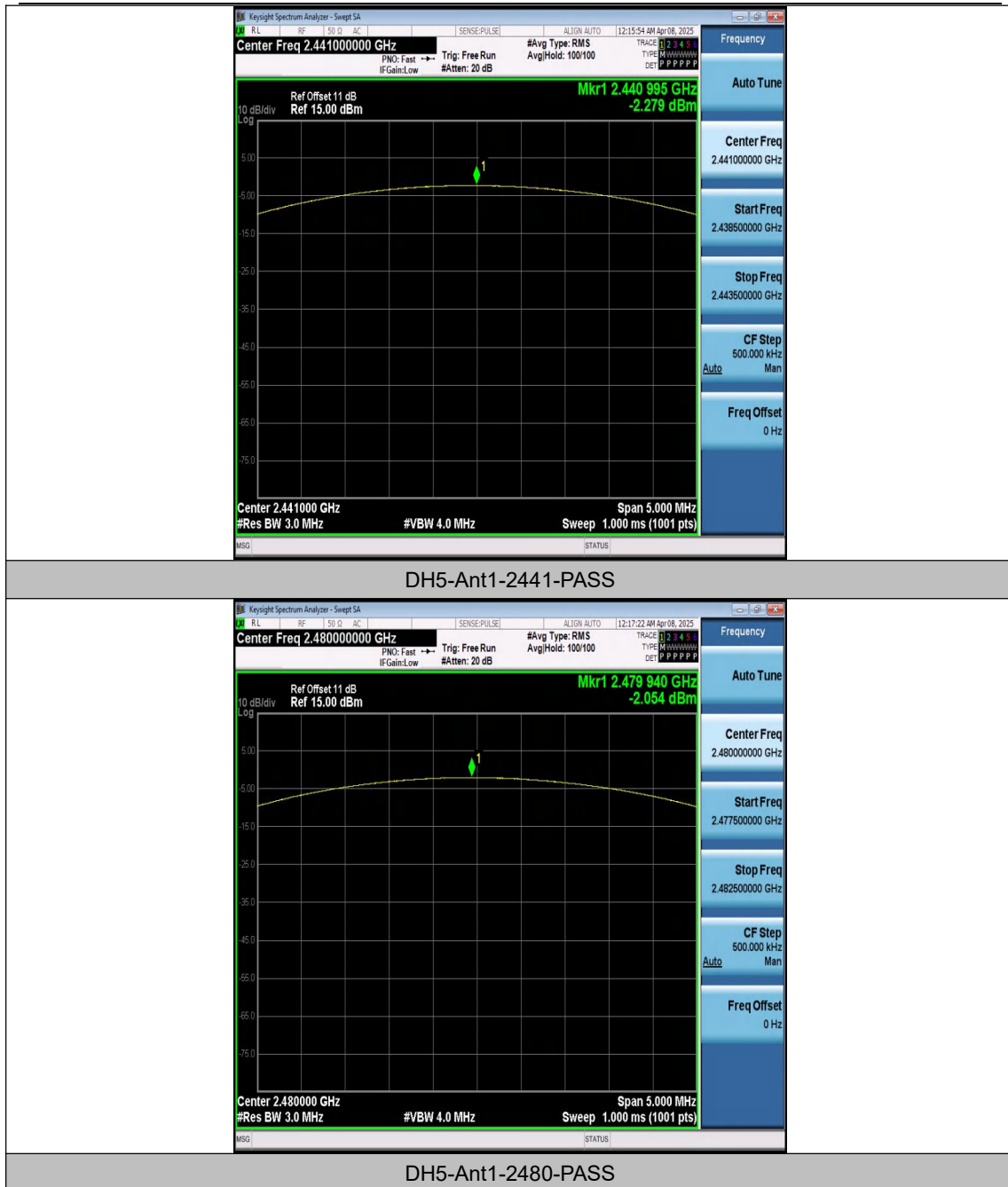
Appendix C: Maximum Conducted Output Power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	-1.66	≤20.97	PASS
DH5	Ant1	2441	-2.28	≤20.97	PASS
DH5	Ant1	2480	-2.05	≤20.97	PASS
2DH5	Ant1	2402	-2.15	≤20.97	PASS
2DH5	Ant1	2441	-2.23	≤20.97	PASS
2DH5	Ant1	2480	-1.98	≤20.97	PASS
3DH5	Ant1	2402	-2.41	≤20.97	PASS
3DH5	Ant1	2441	-2.51	≤20.97	PASS
3DH5	Ant1	2480	-2.20	≤20.97	PASS

Test Graphs

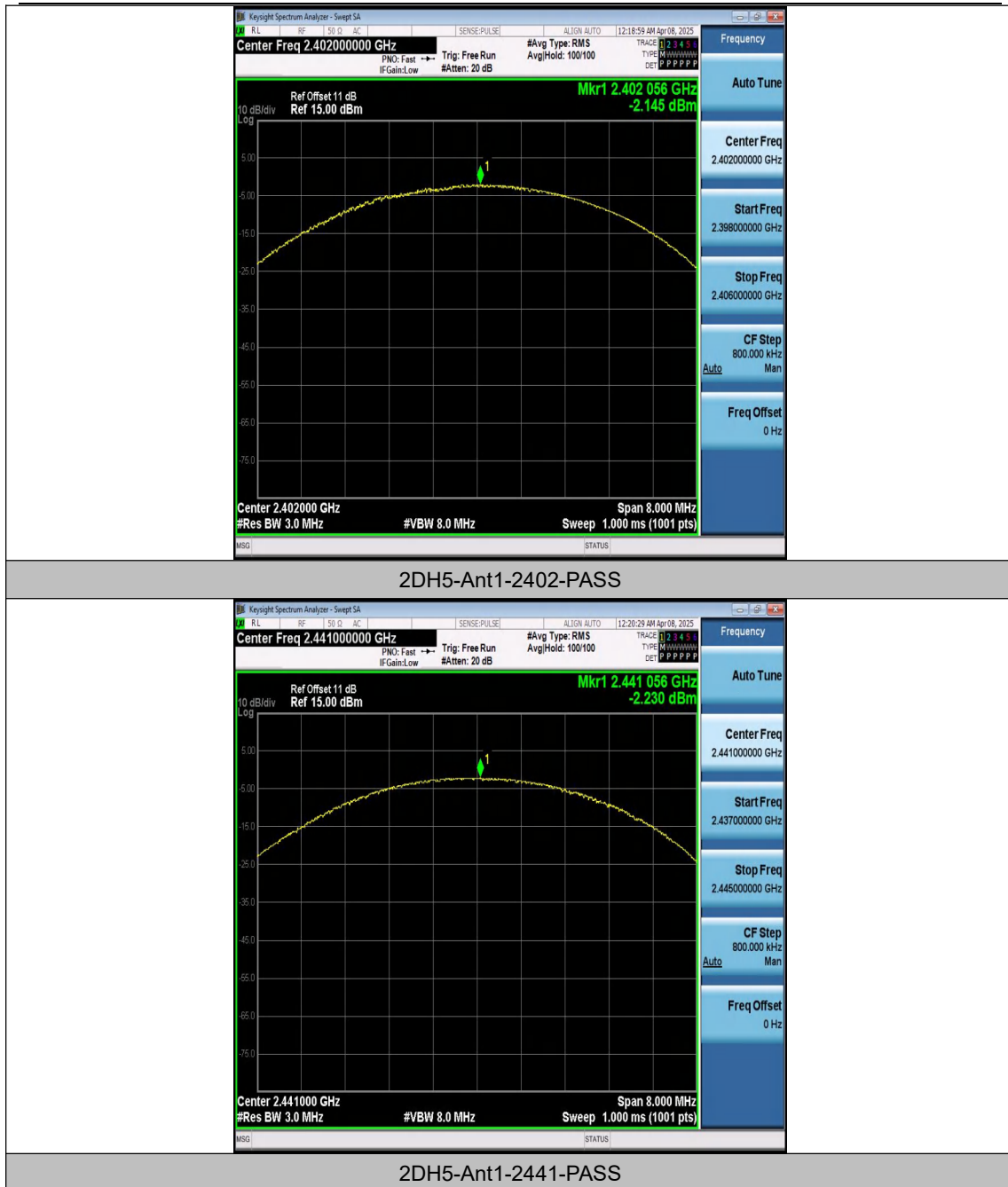




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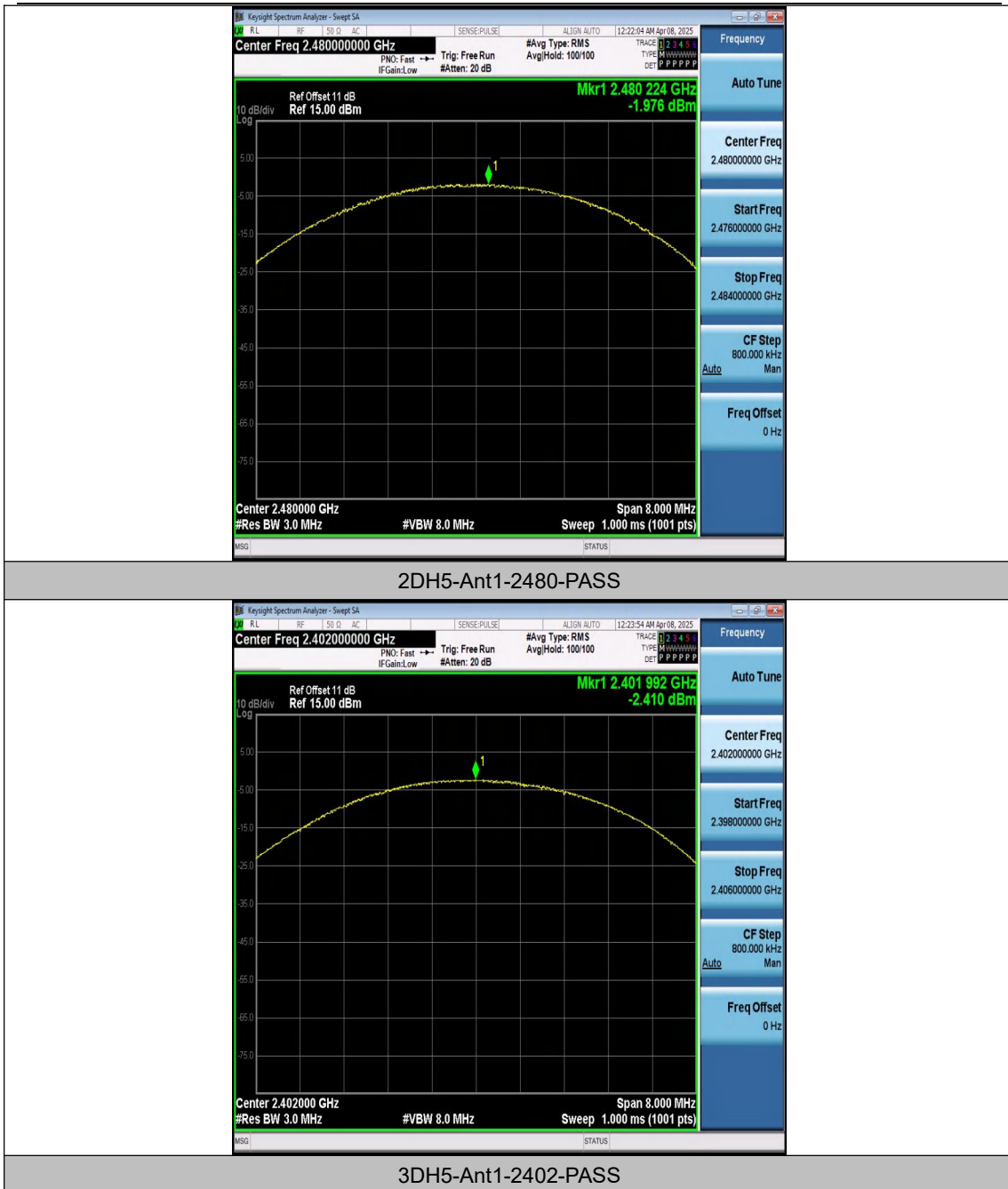
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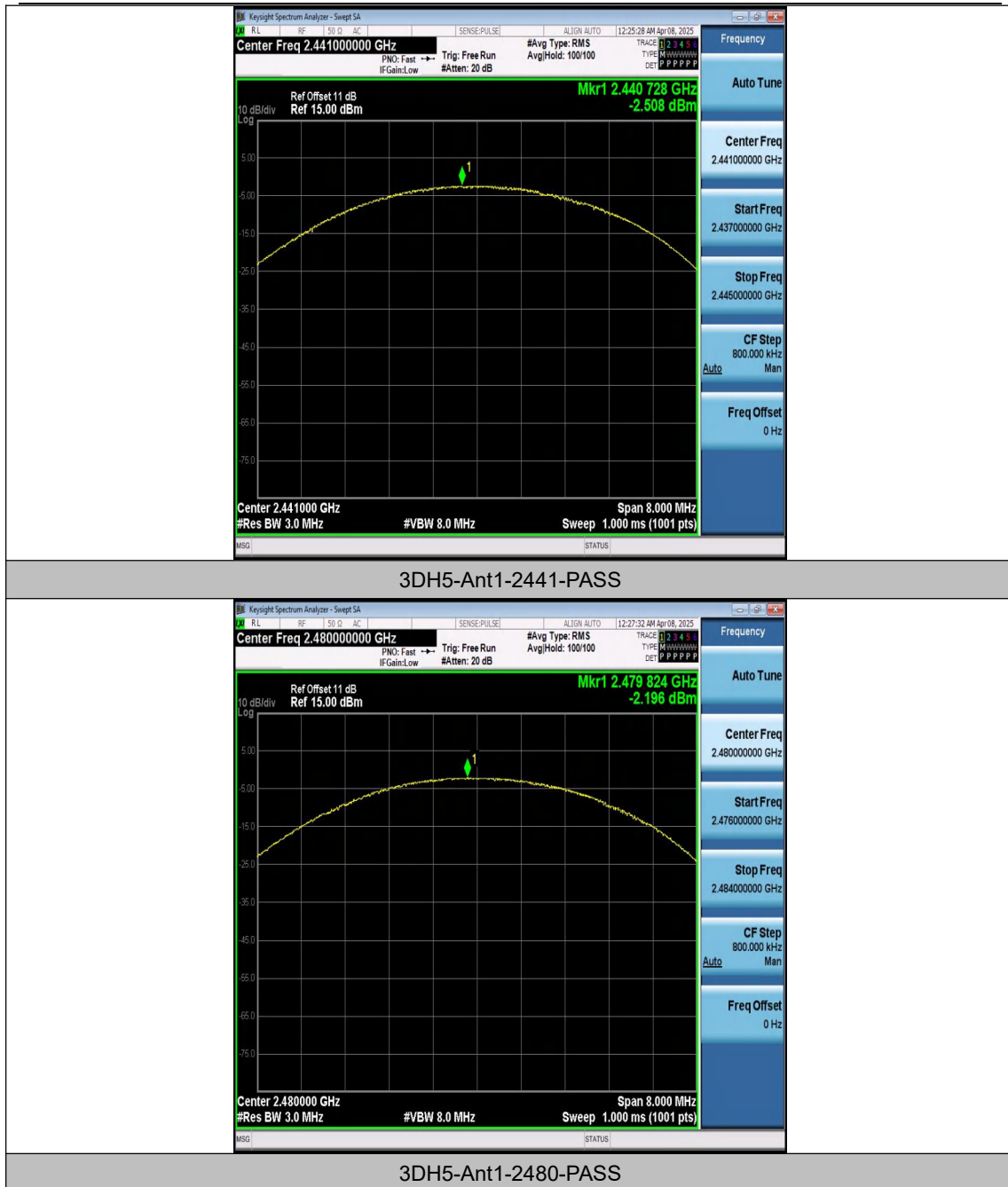
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Appendix D: Carrier frequency separation

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	0.992	≥0.861	PASS
2DH5	Ant1	Hop	0.996	≥0.864	PASS
3DH5	Ant1	Hop	1	≥0.864	PASS

Test Graphs



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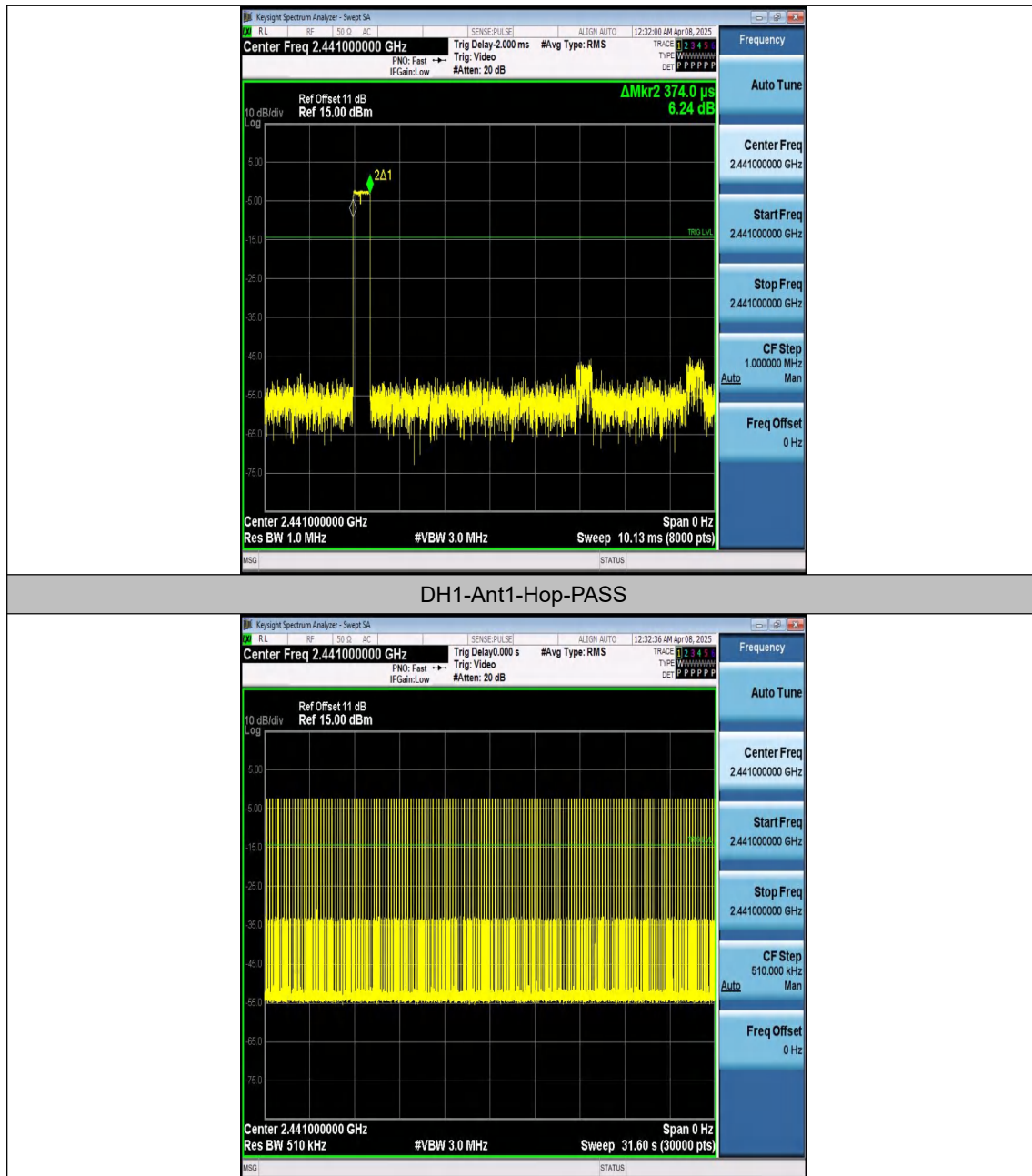
Appendix E: Dwell Time

Test Result

Test Mode	Antenna	Frequency [MHz]	Burst Width [ms]	Total Hops [Num]	Result [s]	Limit [s]	Verdict
DH1	Ant1	Hop	0.374	312	0.117	≤0.4	PASS
DH3	Ant1	Hop	1.630	160	0.261	≤0.4	PASS
DH5	Ant1	Hop	2.878	97	0.279	≤0.4	PASS
2DH1	Ant1	Hop	0.381	314	0.12	≤0.4	PASS
2DH3	Ant1	Hop	1.634	158	0.258	≤0.4	PASS
2DH5	Ant1	Hop	2.882	109	0.314	≤0.4	PASS
3DH1	Ant1	Hop	0.381	317	0.121	≤0.4	PASS
3DH3	Ant1	Hop	1.633	158	0.258	≤0.4	PASS
3DH5	Ant1	Hop	2.884	110	0.317	≤0.4	PASS



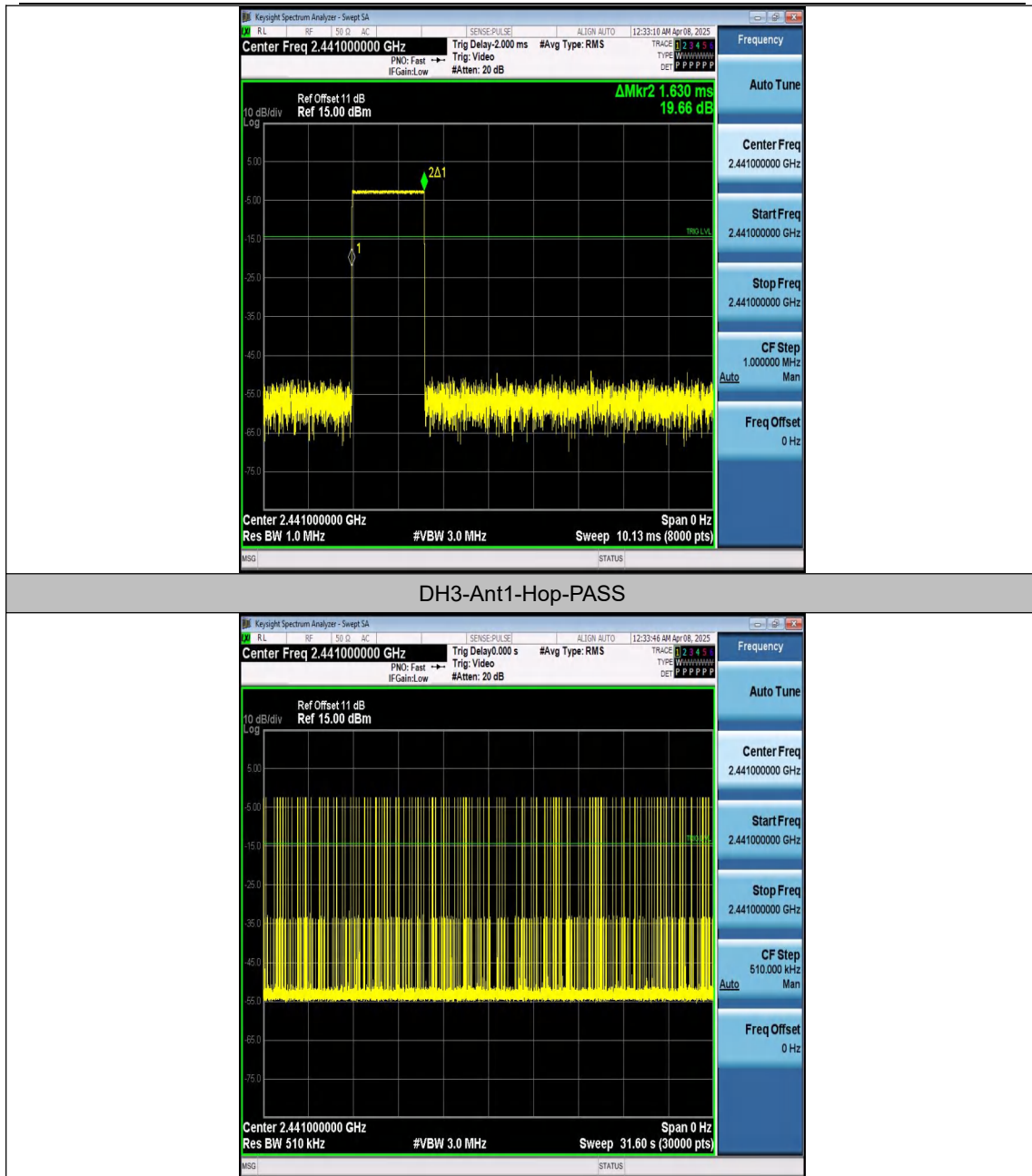
Test Graphs



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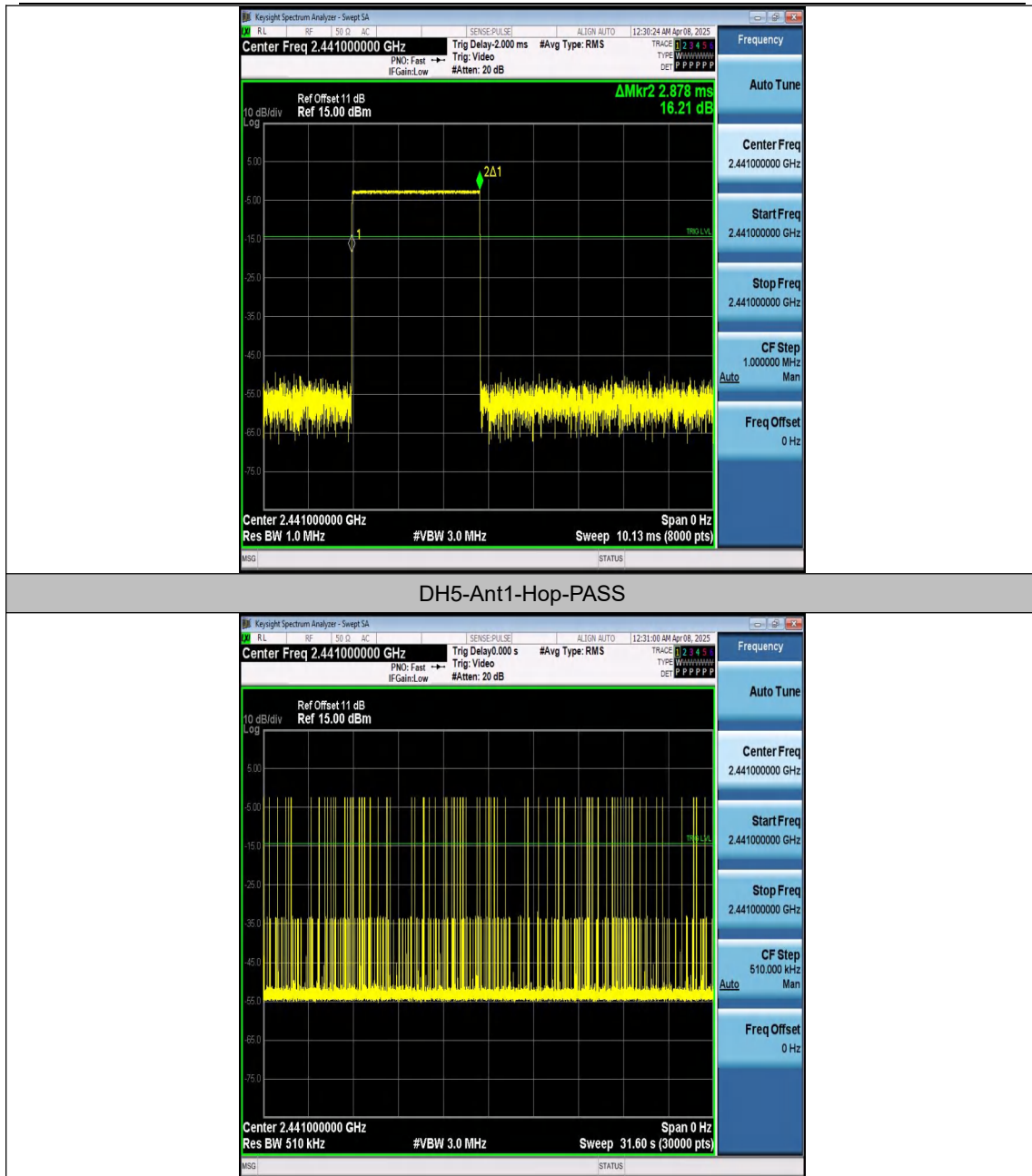
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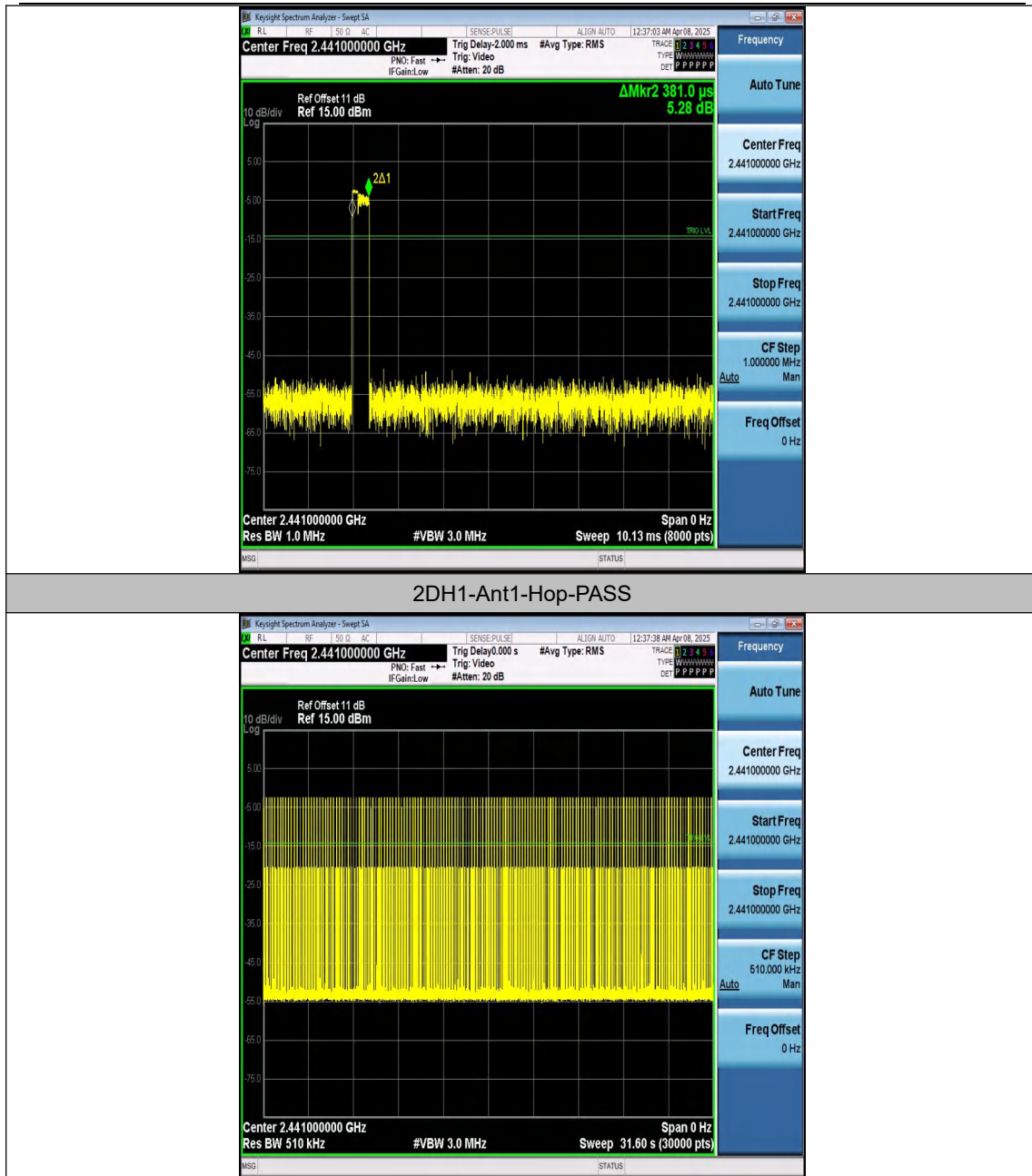
DH5-Ant1-Hop-PASS

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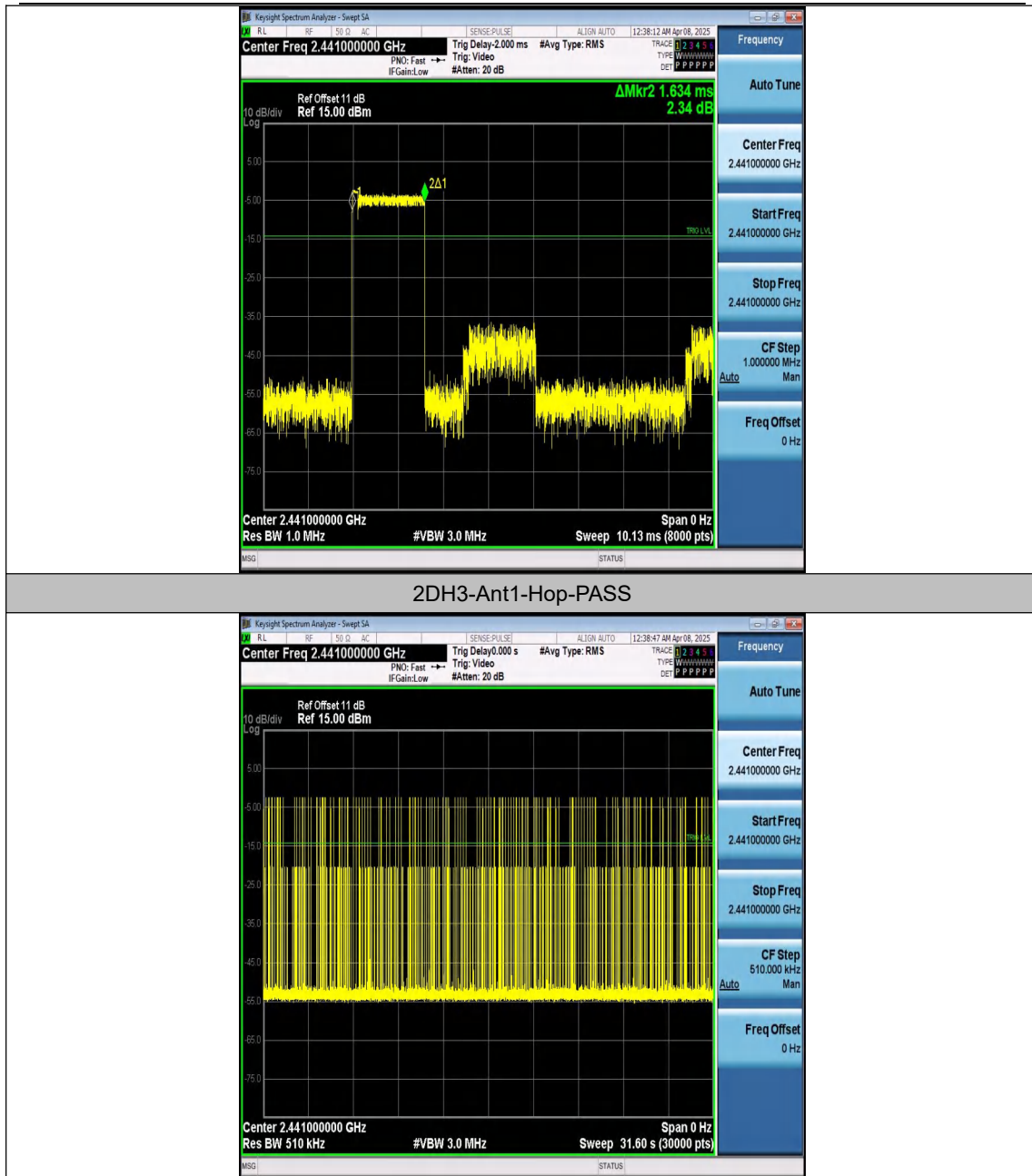
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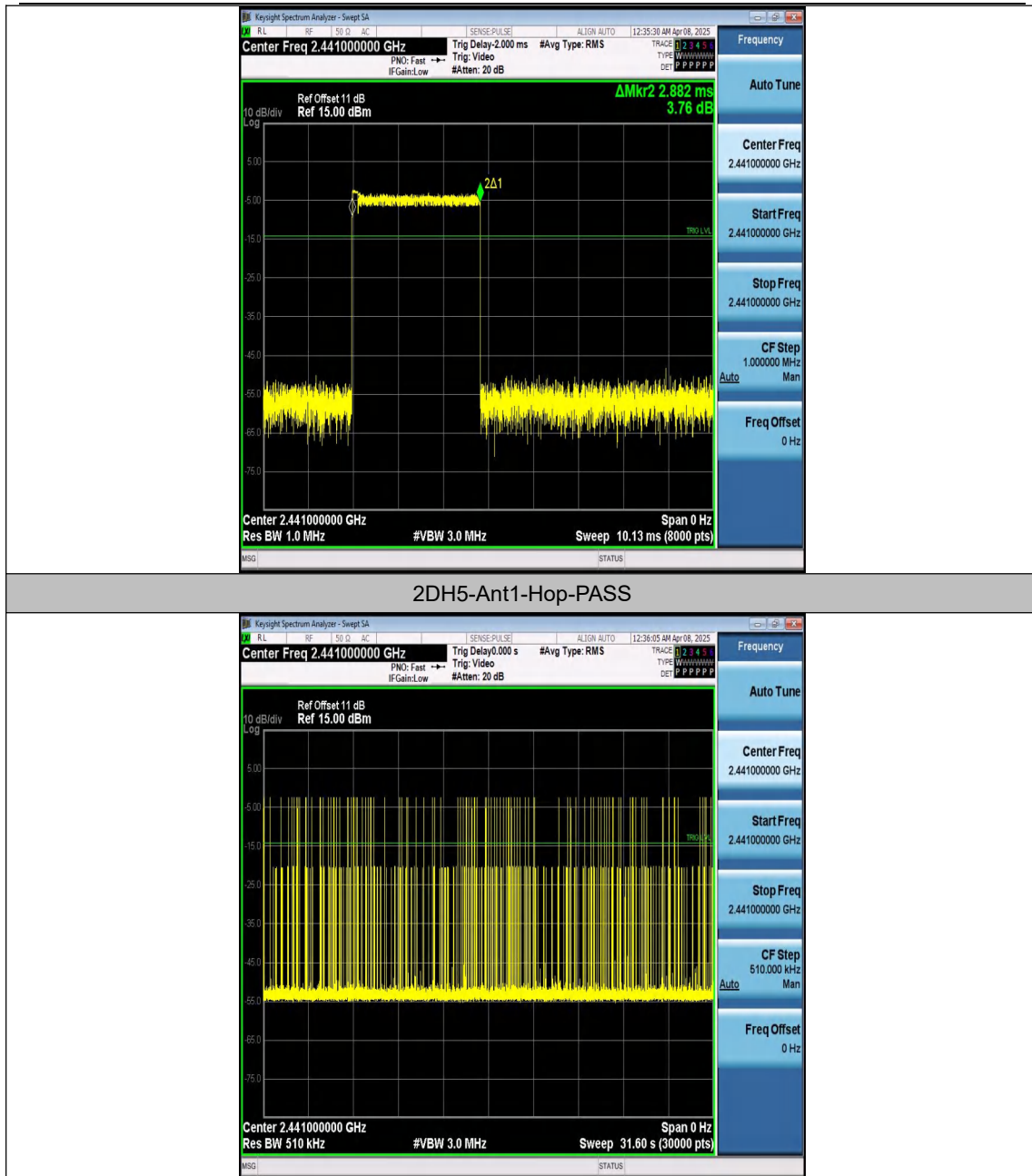
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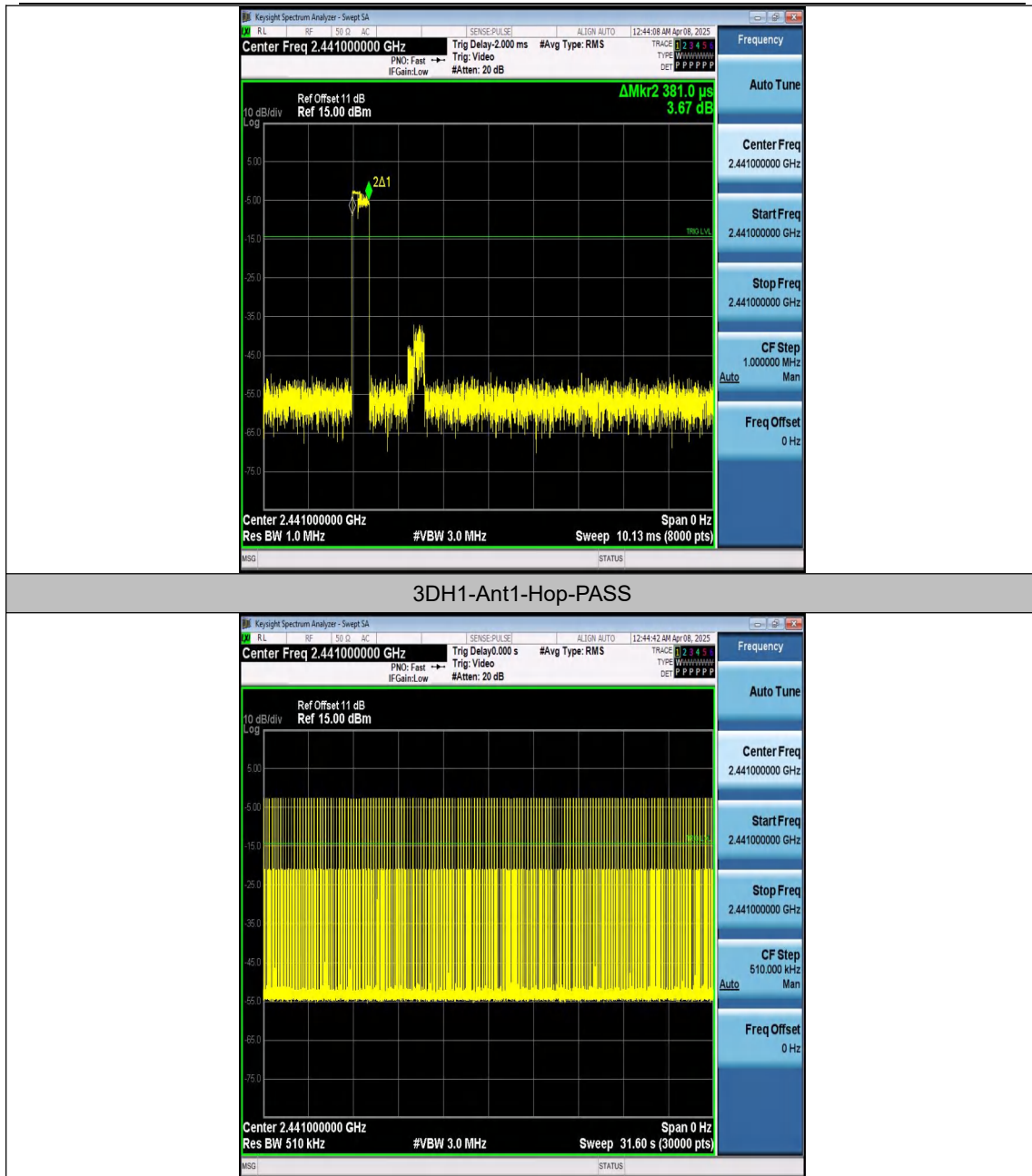
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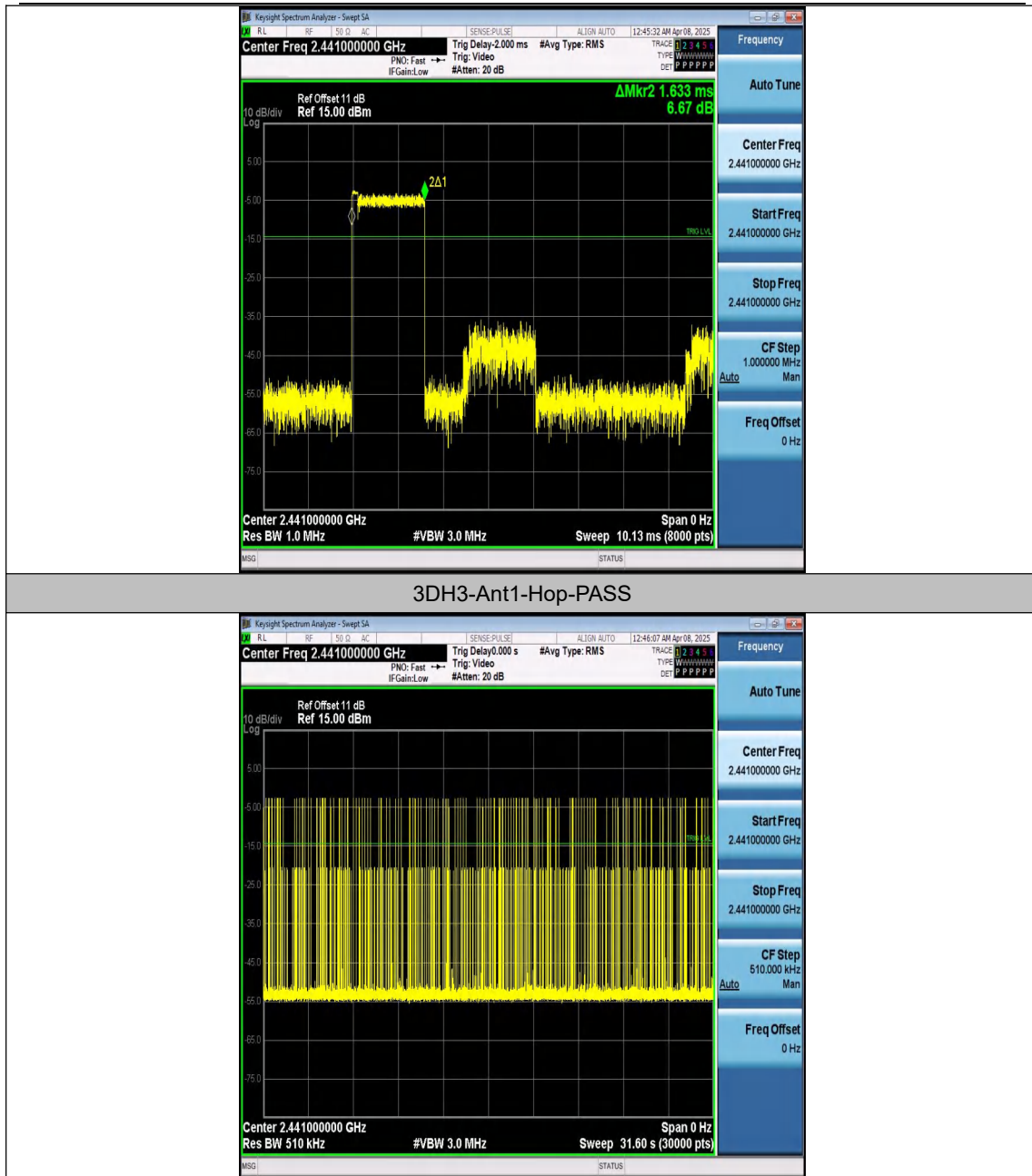
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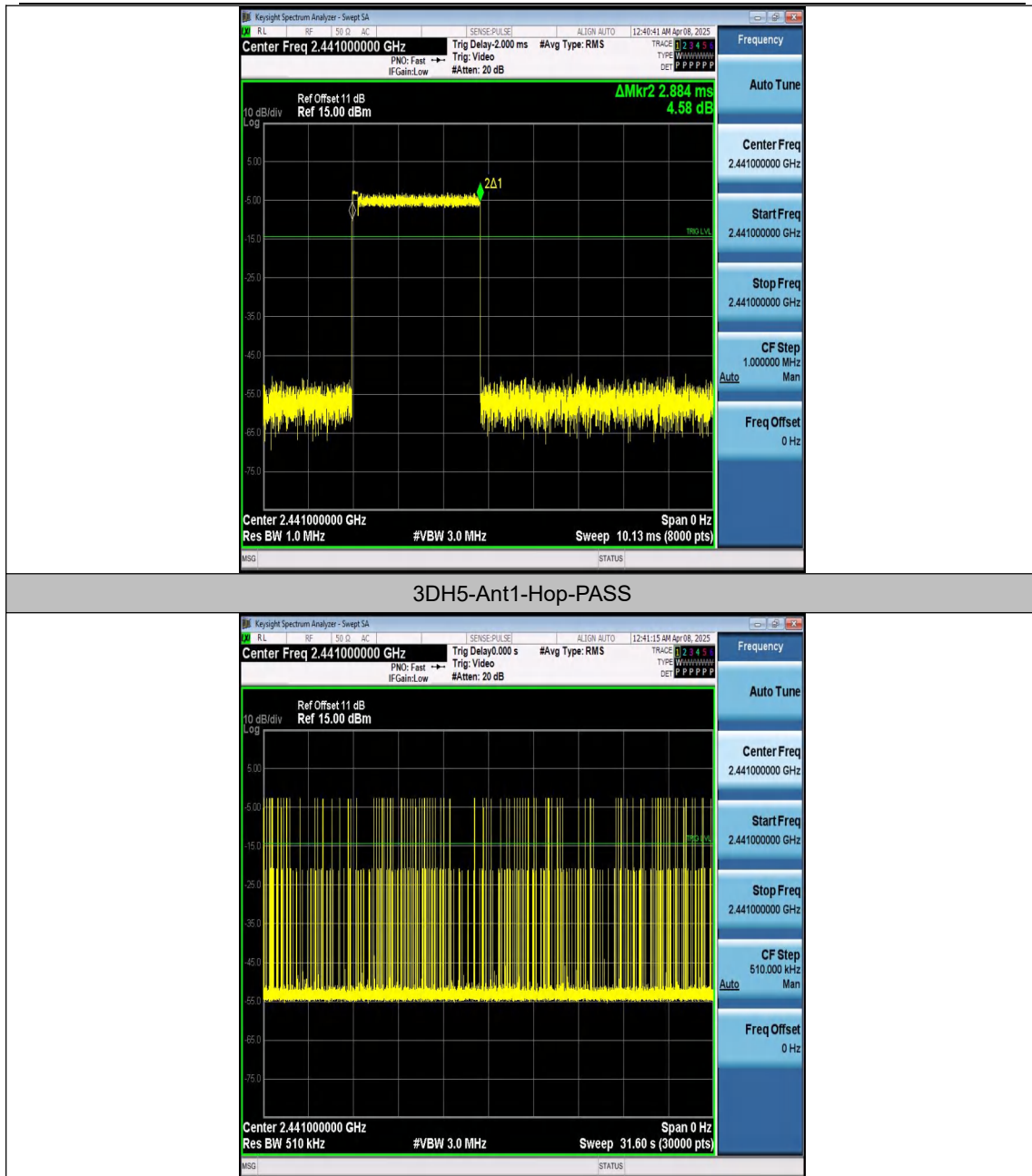
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Appendix F: Number of Hopping Channel

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

