

TEST REPORT

Report No.: MTi250319007-0104E1



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Appendix C: Carrier frequency separation

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [MHz]	Limit [MHz]	Verdict
DH5	Ant1	Hop	0.992	≥ 0.843	PASS
2DH5	Ant1	Hop	1.002	≥ 0.882	PASS
3DH5	Ant1	Hop	1.004	≥ 0.888	PASS

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Test Graphs





3DH5_Ant1_Hop

Agilent Spectrum Analyzer - Swept SA

ALB: AUTO SENSE: INT SOURCE: OFF ALB: AUTO [02:29:11 PM Aug 25, 2025]

Center Freq 2.441500000 GHz #Avg Type: RMS TRACE B1 Z 1 4.3
PKO: Wide IF Gain: Low Trig: Free Run TYPE D EEEEEEEEEE
#Atten: 40 dB DET P P P P P

Ref Offset 8.04 dB ΔMKr2 1.004 MHz
Ref 30.00 dBm -0.82 dB

10 dB/div Log

Start 2.440500 GHz Stop 2.442500 GHz
#Res BW 30 kHz #BW 100 kHz Sweep 2.133 ms (1001 pts)

Auto Tune

Center Freq
2.441500000 GHz

Start Freq
2.440500000 GHz

Stop Freq
2.442500000 GHz

CF Step
200.000 kHz Man

Auto

Freq Offset
0 Hz

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Appendix D: Time of occupancy

Test Result

Test Mode	Antenna	Frequency [MHz]	BurstWidth [ms]	Hops in 31.6s [Num]	Result [s]	Limit [s]	Verdict
DH1	Ant1	Hop	0.376	158	0.059	≤0.4	PASS
DH3	Ant1	Hop	1.633	158	0.258	≤0.4	PASS
DH5	Ant1	Hop	2.880	66	0.19	≤0.4	PASS
2DH1	Ant1	Hop	0.384	154	0.059	≤0.4	PASS
2DH3	Ant1	Hop	1.637	157	0.257	≤0.4	PASS
2DH5	Ant1	Hop	2.884	86	0.248	≤0.4	PASS
3DH1	Ant1	Hop	0.385	161	0.062	≤0.4	PASS
3DH3	Ant1	Hop	1.634	152	0.248	≤0.4	PASS
3DH5	Ant1	Hop	2.887	75	0.217	≤0.4	PASS

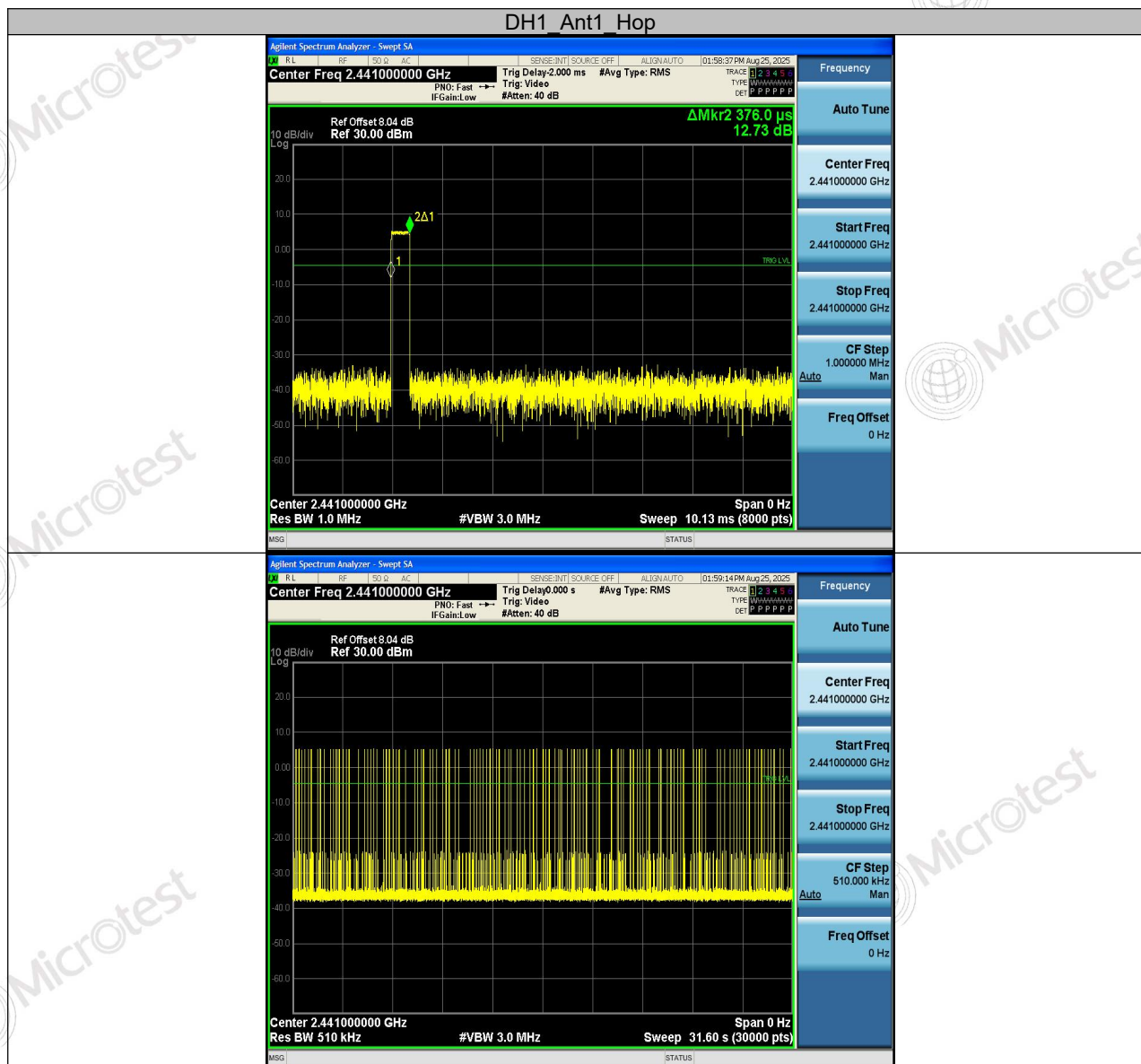
Notes:

1. Period time = $0.4s * 79 = 31.6s$
2. Result (Time of occupancy) = BurstWidth[ms] * Hops in 31.6s [Num]

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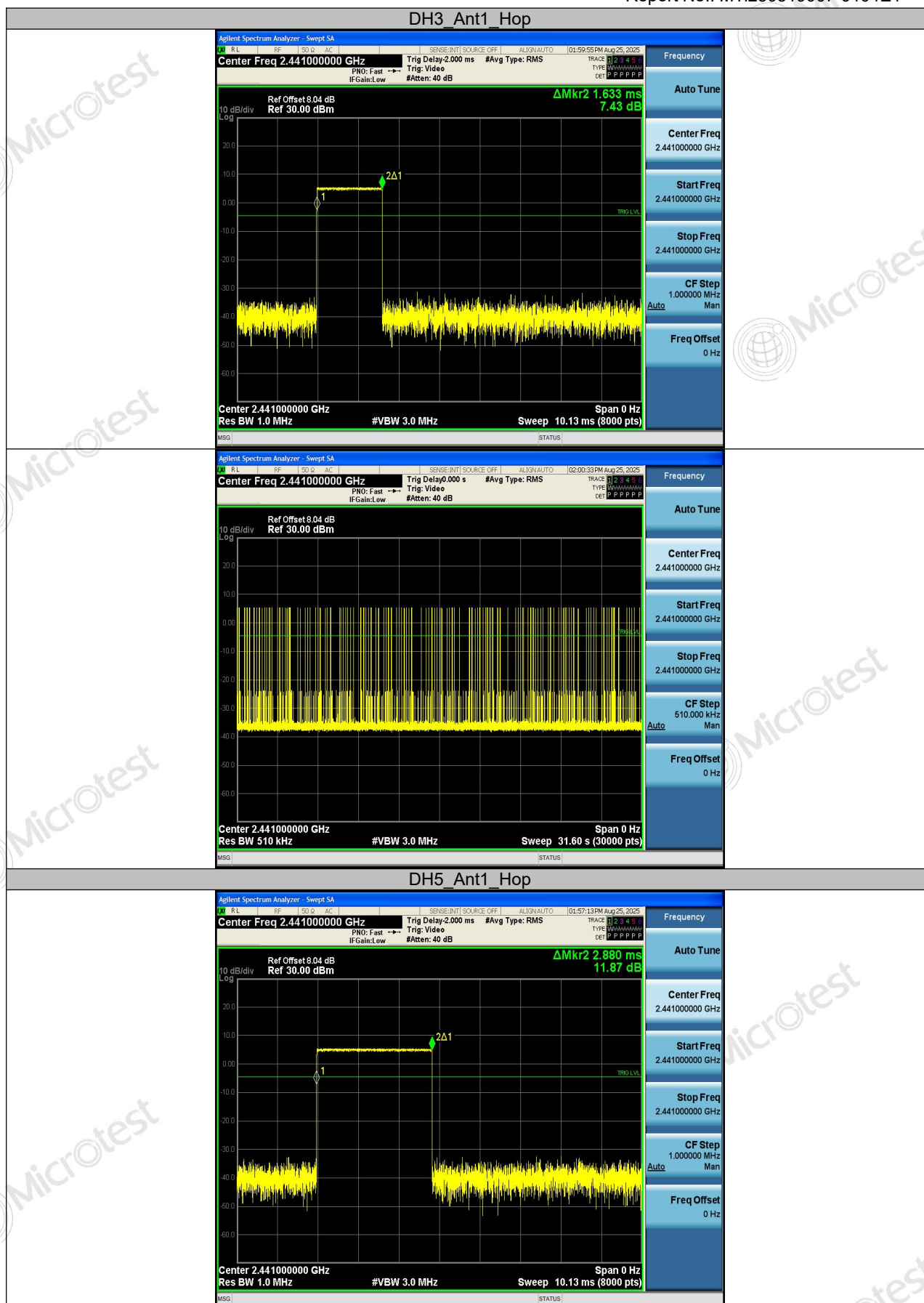
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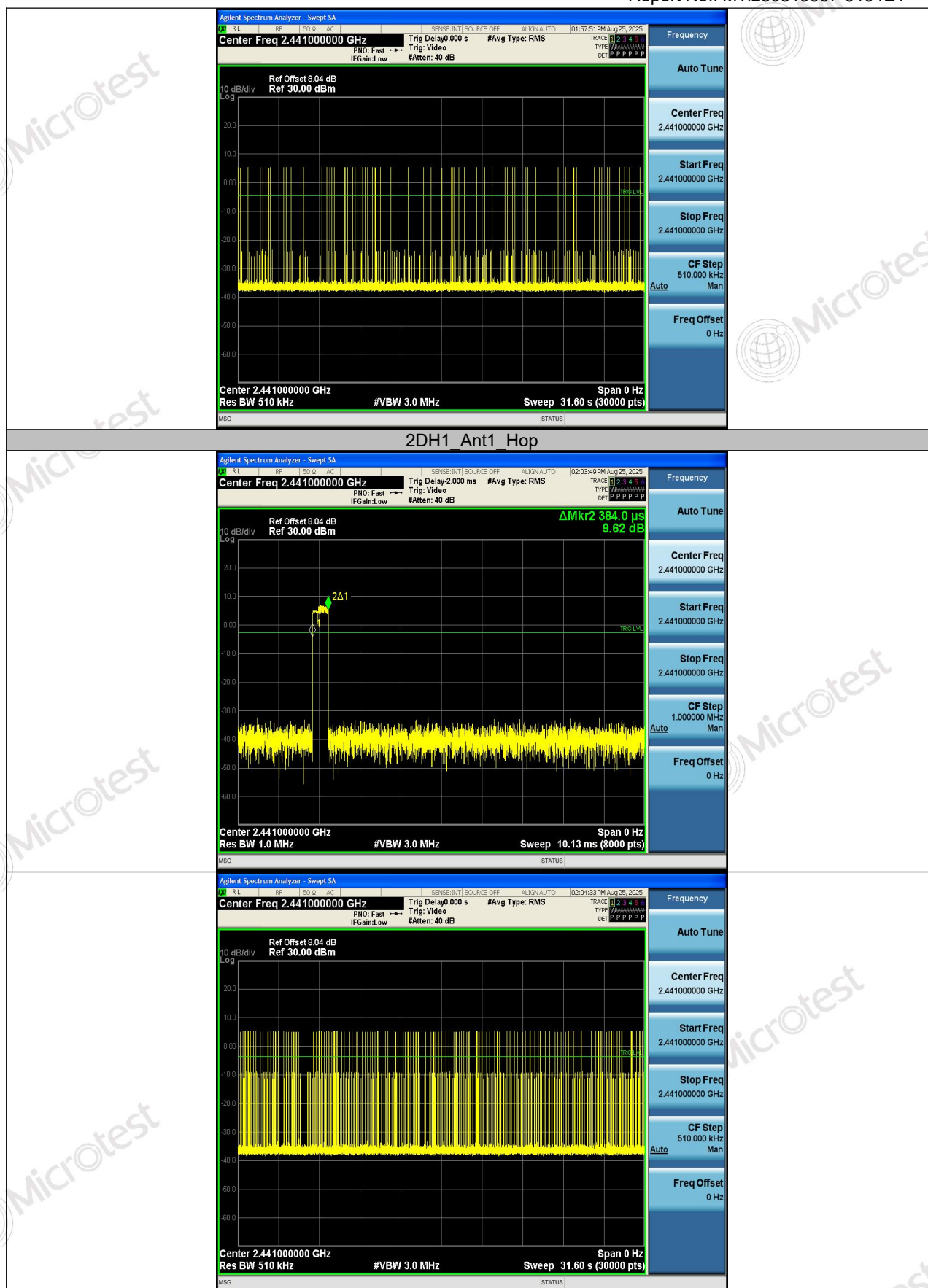
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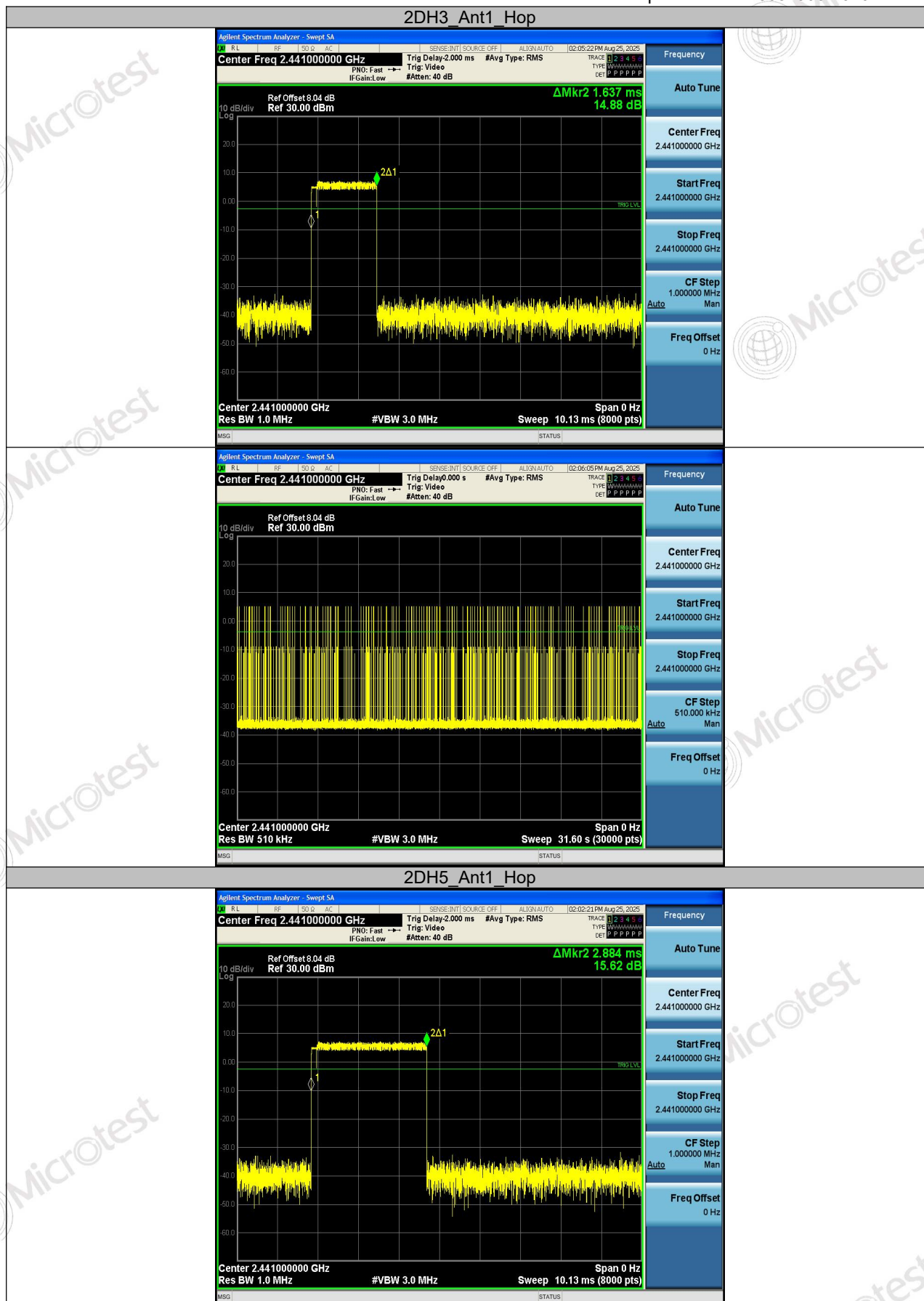
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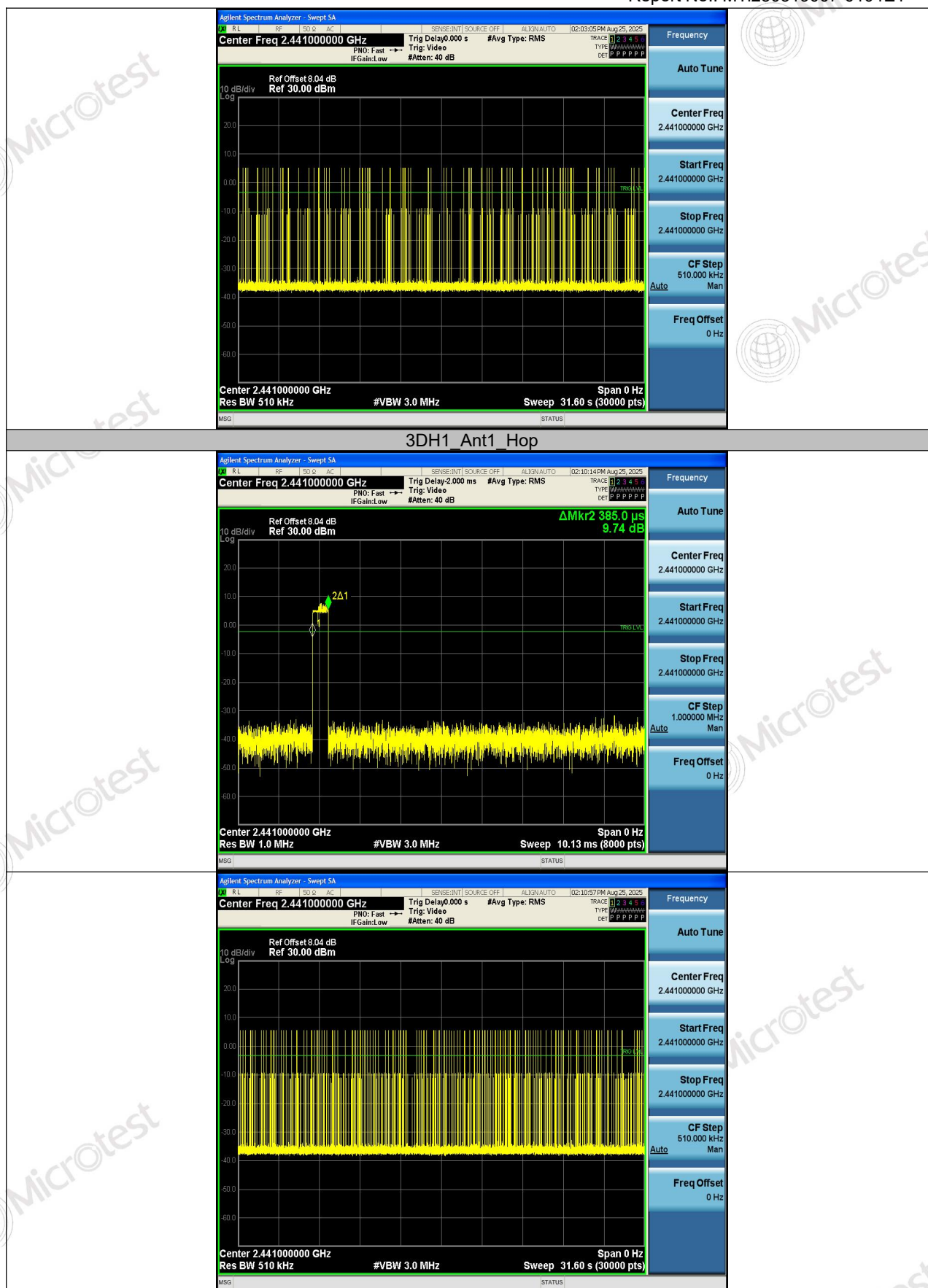
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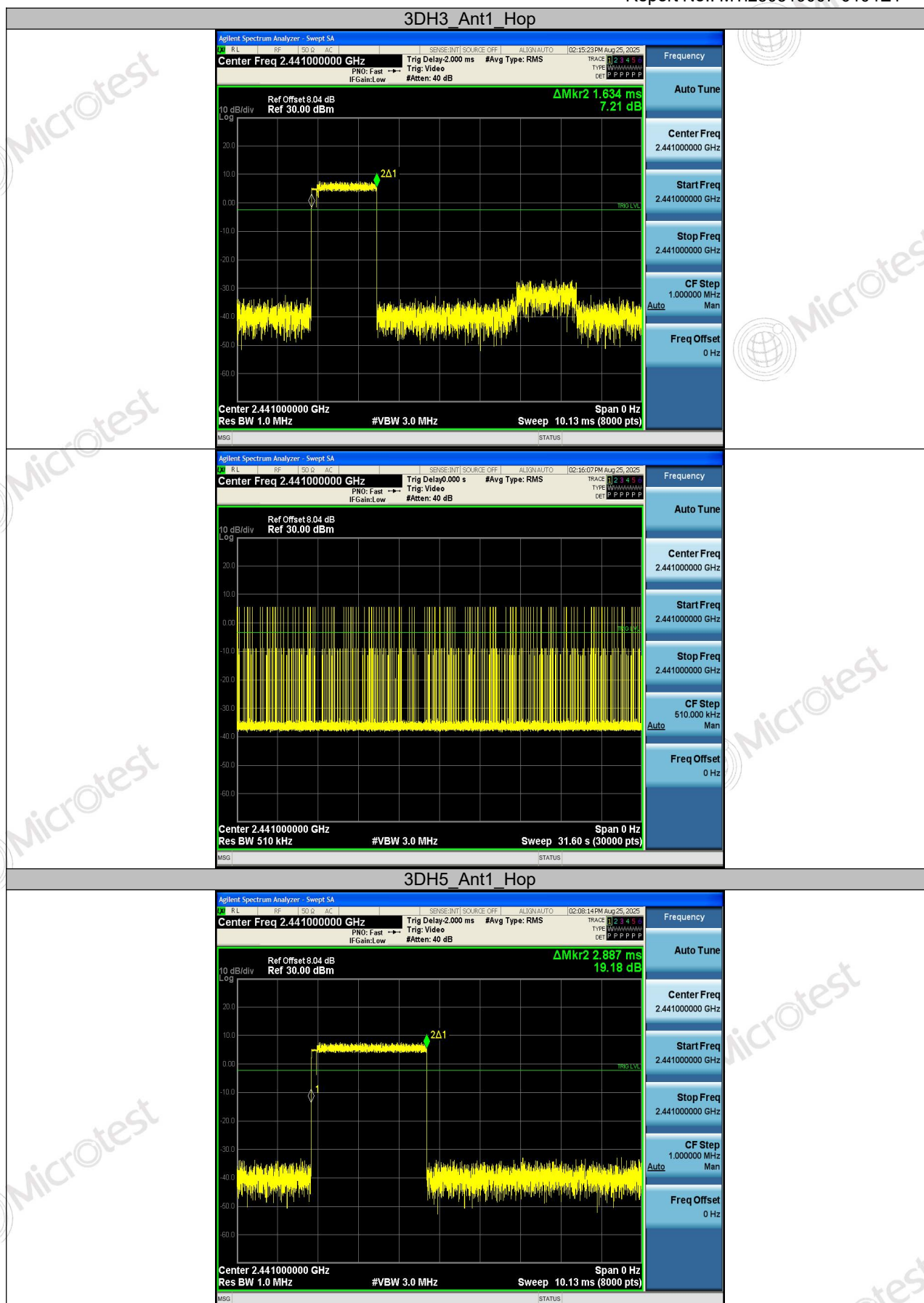
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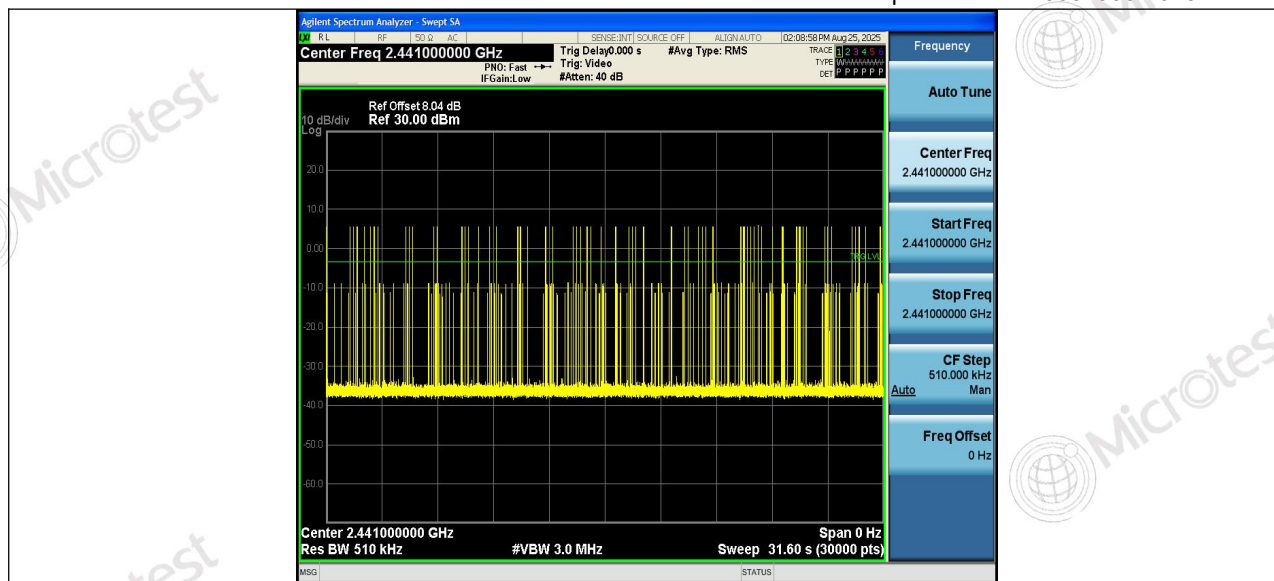
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Appendix E: Number of hopping channels

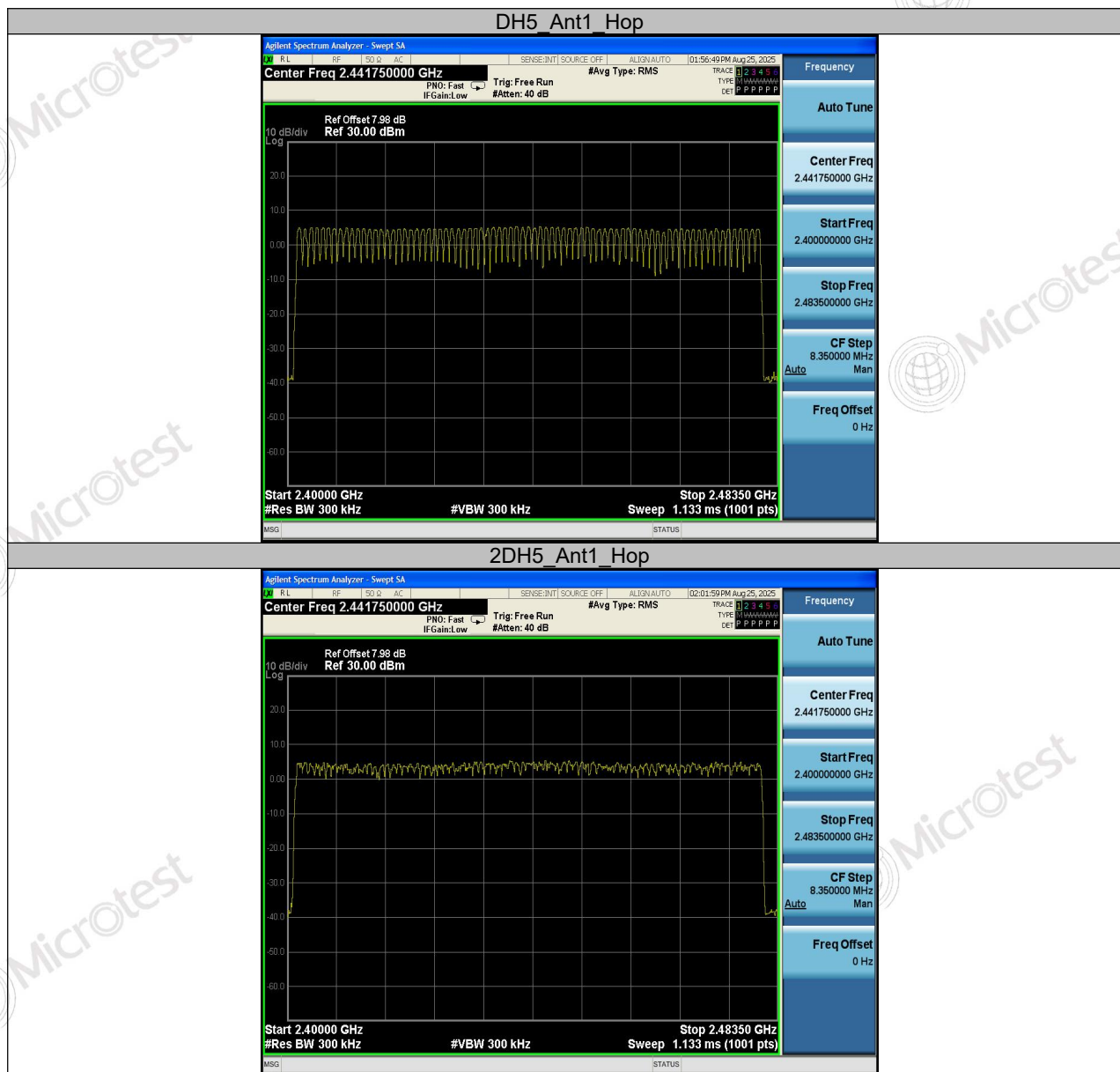
Test Result

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

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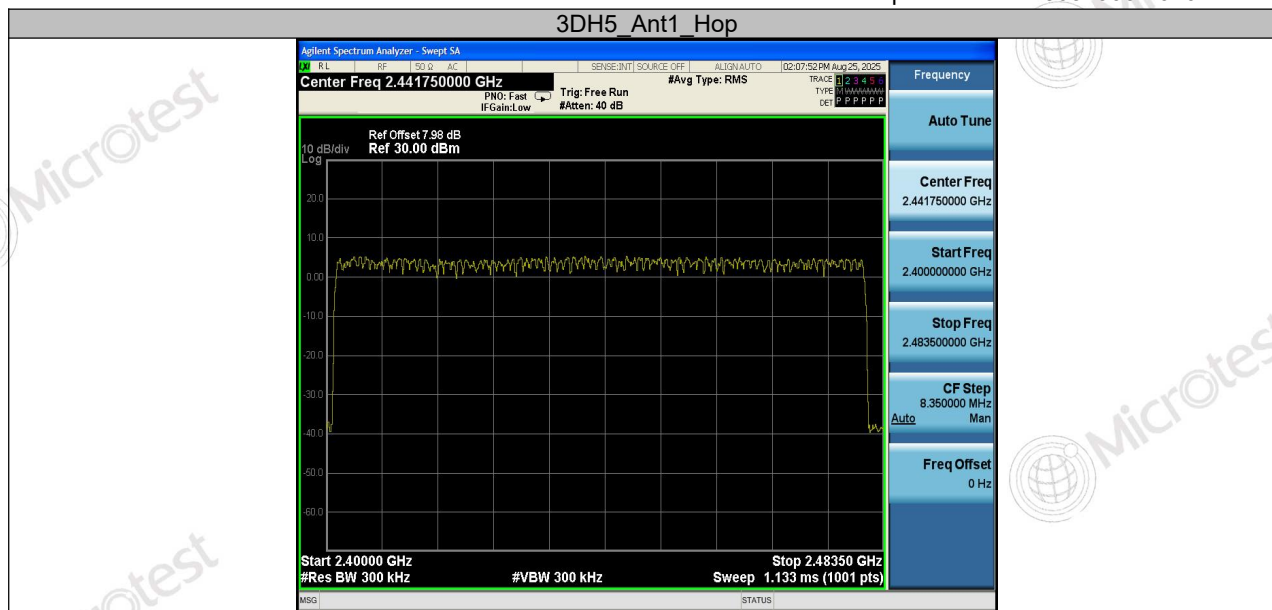
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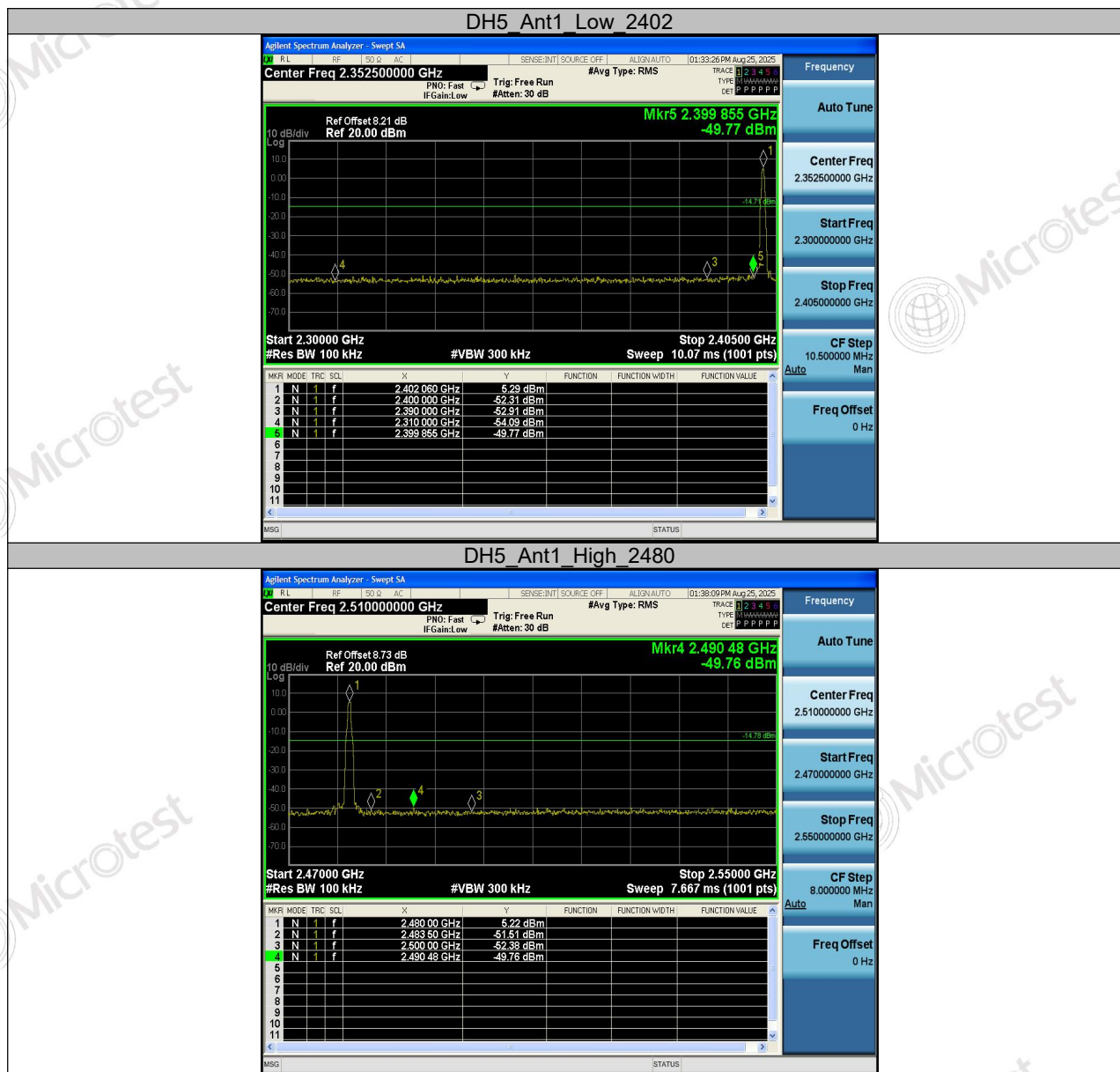


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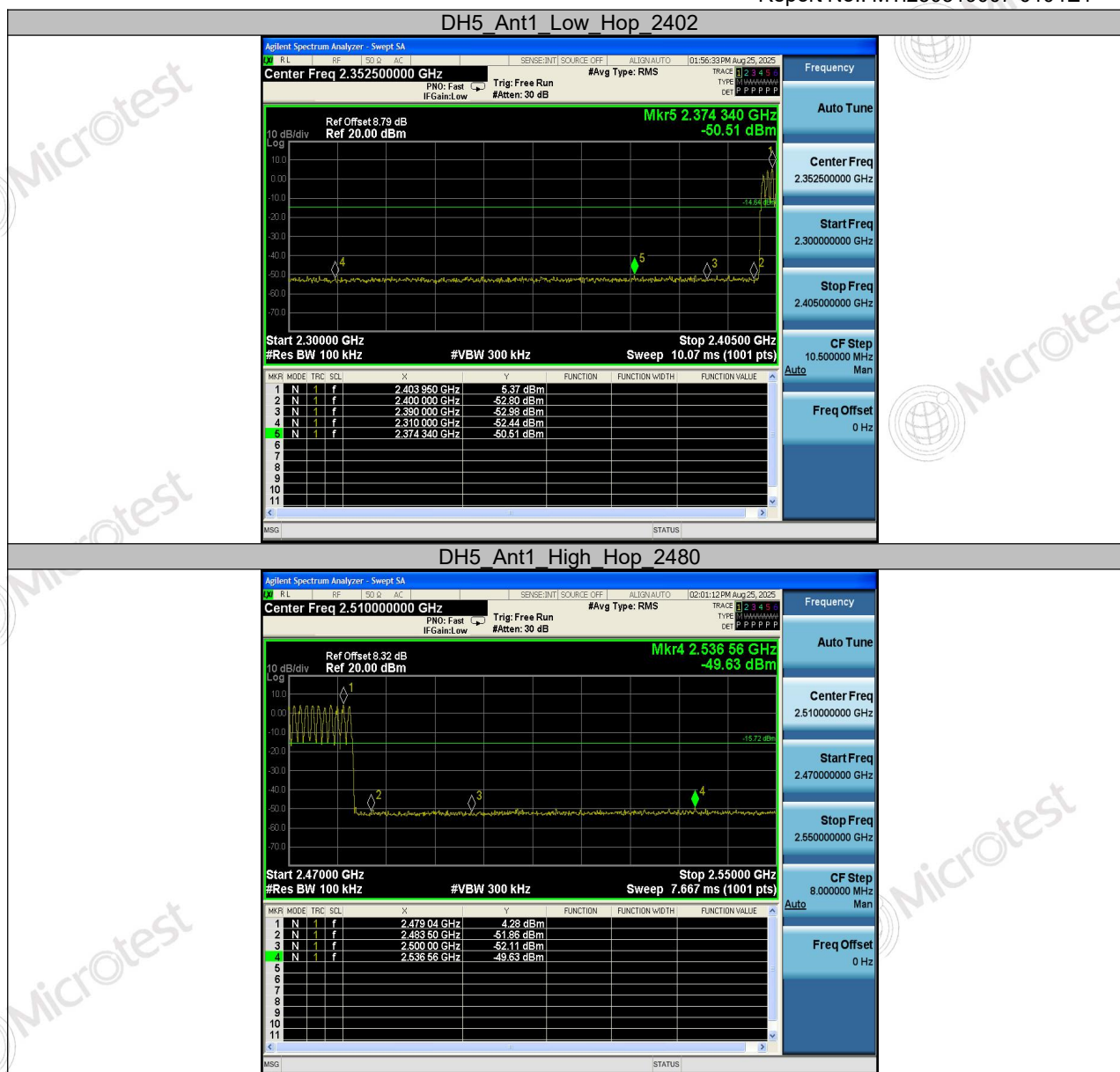
Appendix F: Band edge measurements

Test Graphs



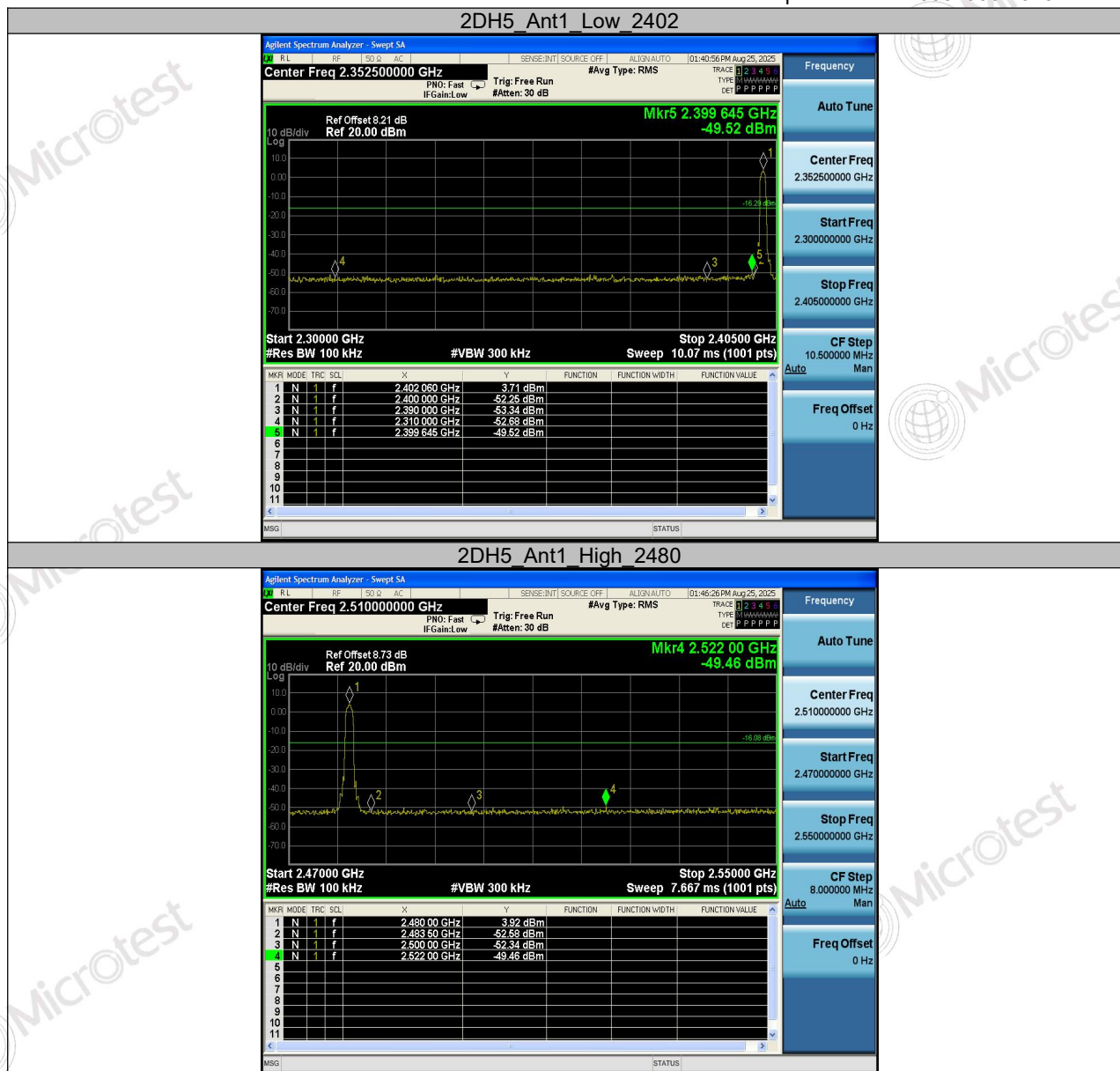
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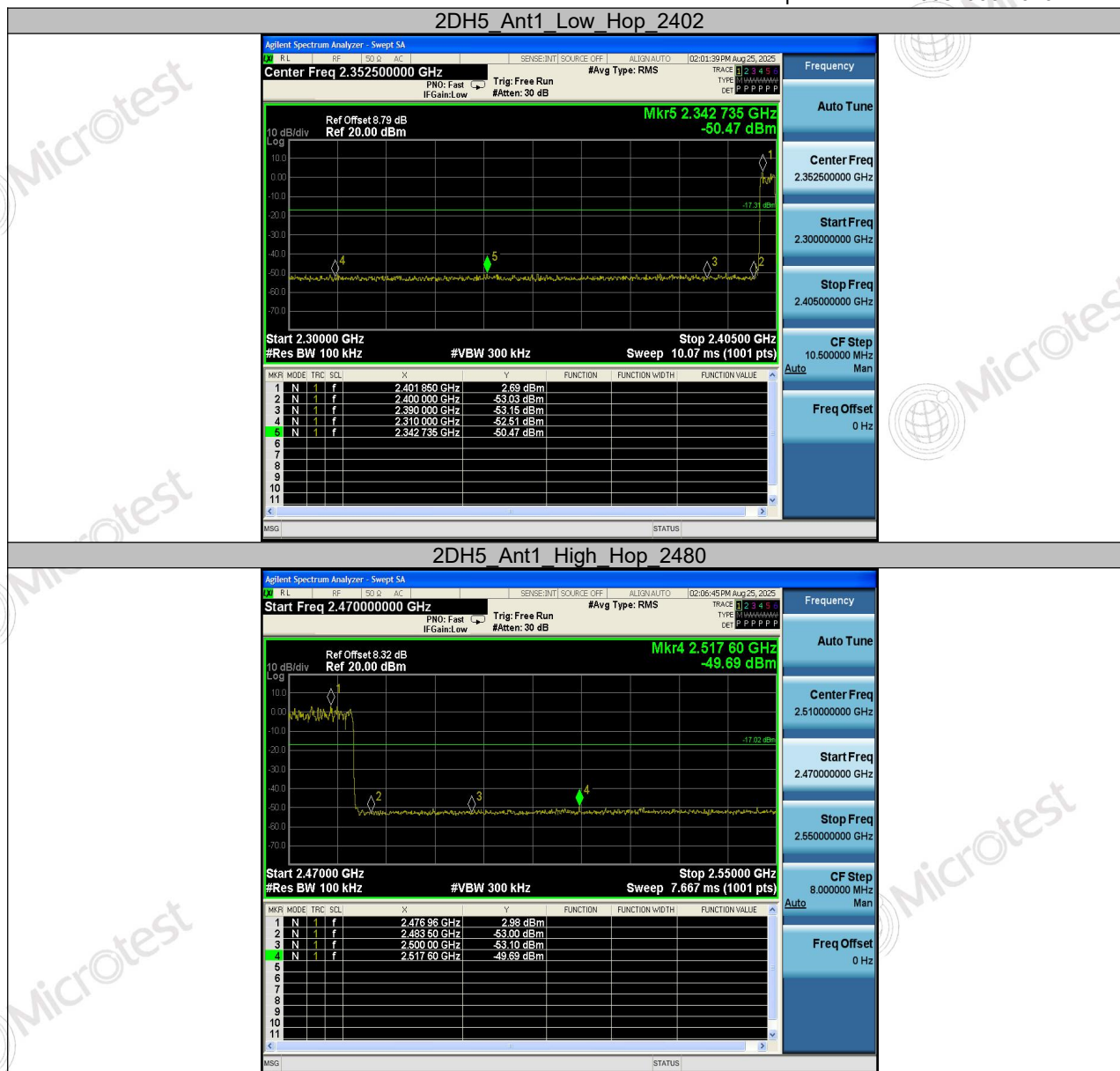
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