

Appendix Test Data

Report No.:	1812C60365712501-01	Test Sample No.:	1-2-2
Start Test Date:	2026-6-30	Finish Test Date:	2026-7-6
Test Engineer:	Huisen Guan	Auditor:	Justin Feng
Temperature:	26.5°C	Relative Humidity:	48%
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	0.936	2401.565	2402.501	---	---
DH5	Ant1	2441	0.945	2440.550	2441.495	---	---
DH5	Ant1	2480	0.951	2479.550	2480.501	---	---
2DH5	Ant1	2402	1.293	2401.376	2402.669	---	---
2DH5	Ant1	2441	1.290	2440.379	2441.669	---	---
2DH5	Ant1	2480	1.299	2479.373	2480.672	---	---
3DH5	Ant1	2402	1.284	2401.364	2402.648	---	---
3DH5	Ant1	2441	1.314	2440.361	2441.675	---	---
3DH5	Ant1	2480	1.299	2479.361	2480.660	---	---

Test Graphs



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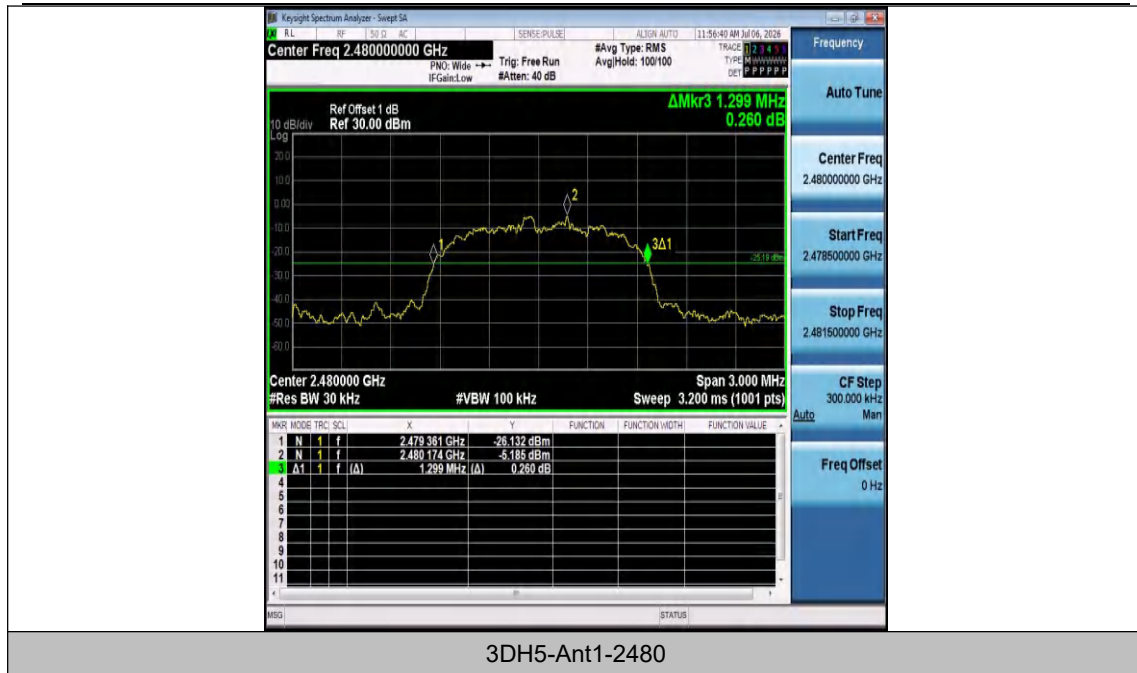
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Appendix B: 99% Occupied Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.82156	2401.6023	2402.4238	---	---
DH5	Ant1	2441	0.81442	2440.6093	2441.4238	---	---
DH5	Ant1	2480	0.85038	2479.5908	2480.4412	---	---
2DH5	Ant1	2402	1.1634	2401.4316	2402.5950	---	---
2DH5	Ant1	2441	1.1680	2440.4268	2441.5948	---	---
2DH5	Ant1	2480	1.1750	2479.4252	2480.6002	---	---
3DH5	Ant1	2402	1.1773	2401.4300	2402.6073	---	---
3DH5	Ant1	2441	1.1614	2440.4385	2441.5999	---	---
3DH5	Ant1	2480	1.1613	2479.4356	2480.5969	---	---

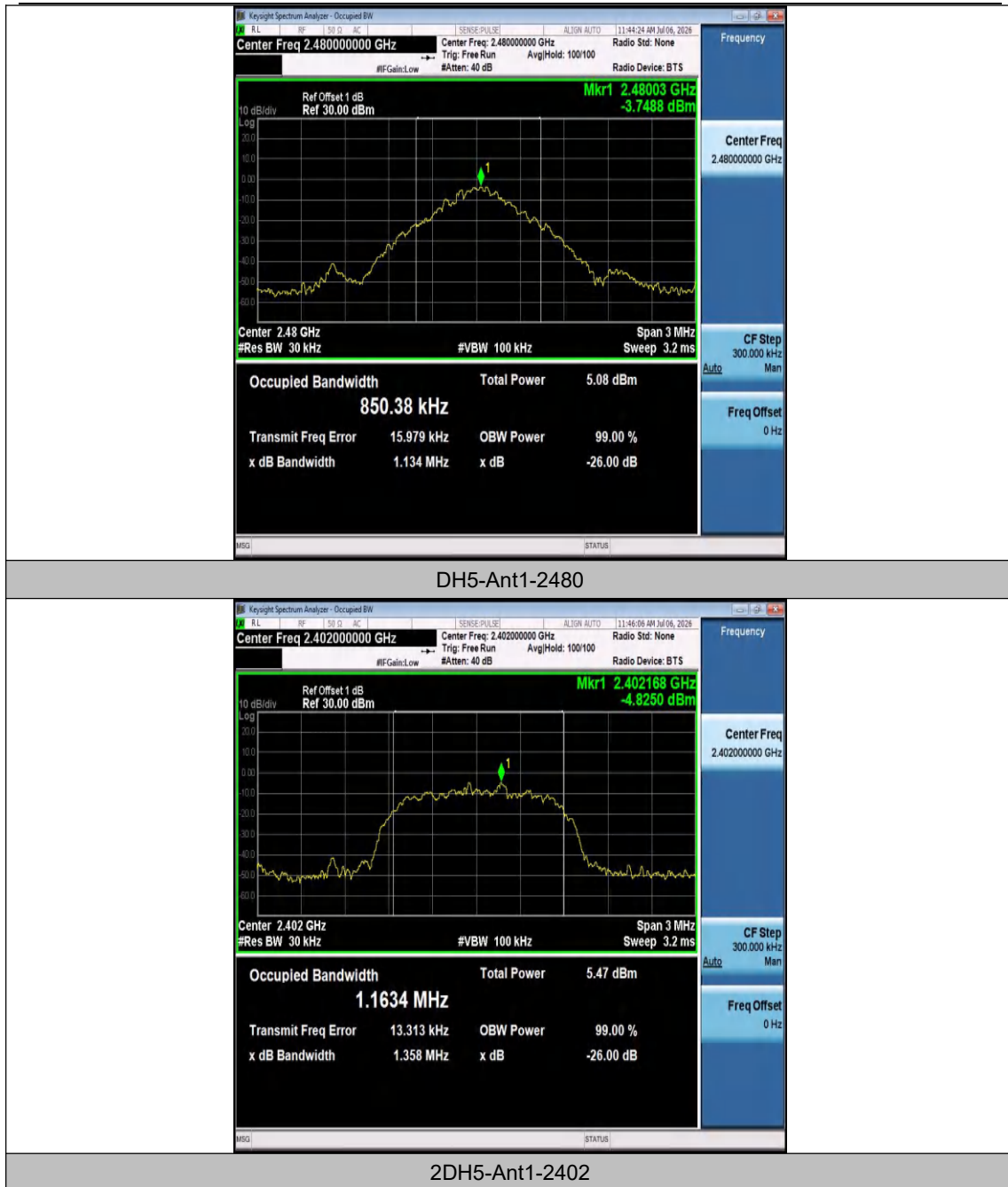
Test Graphs

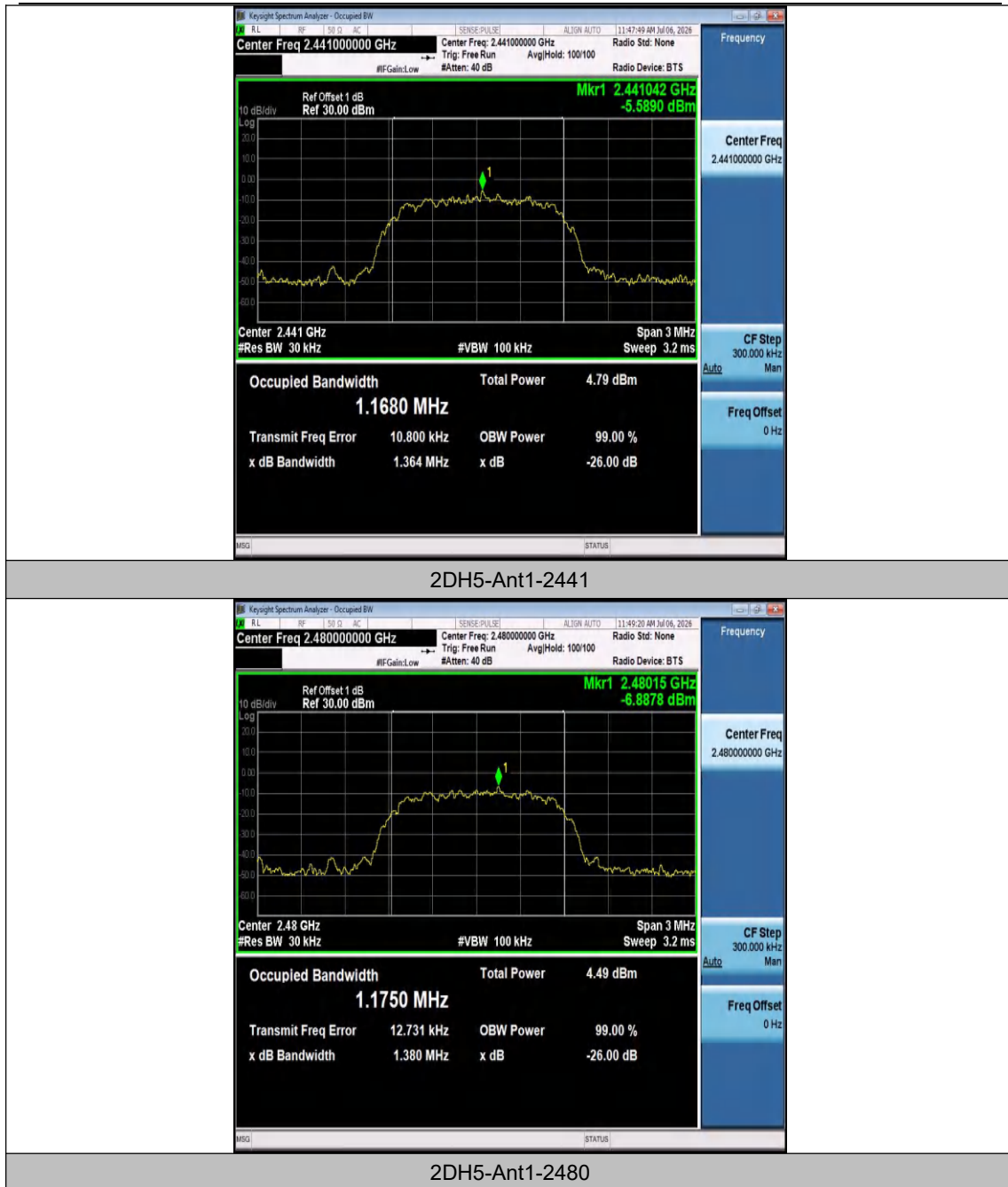


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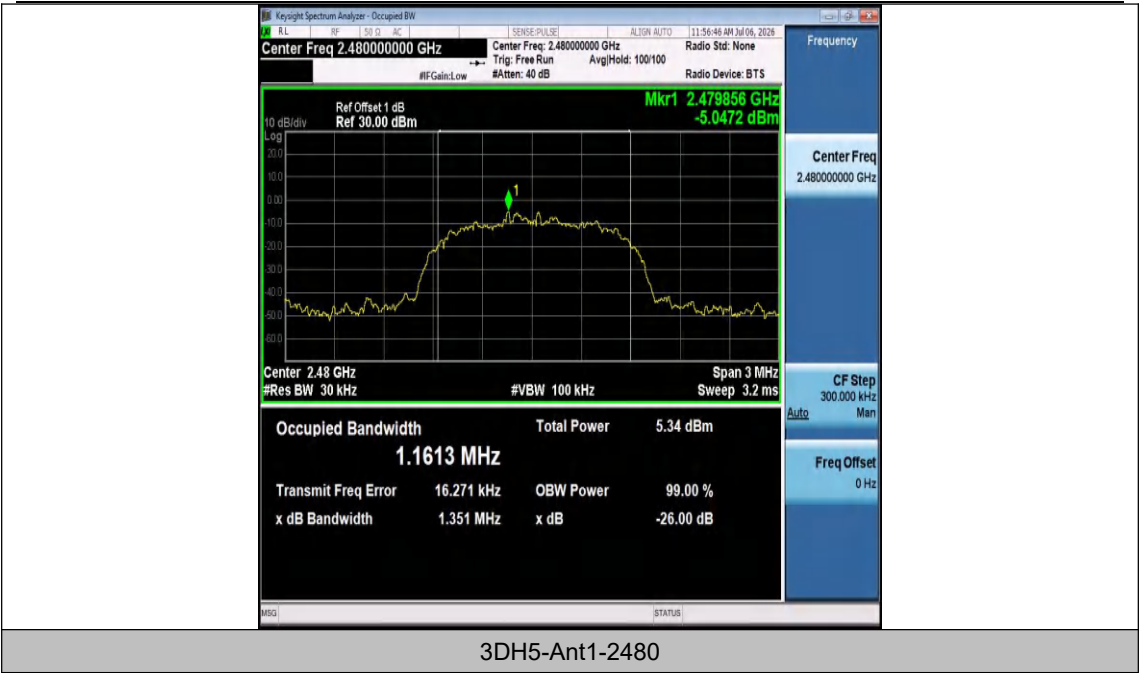
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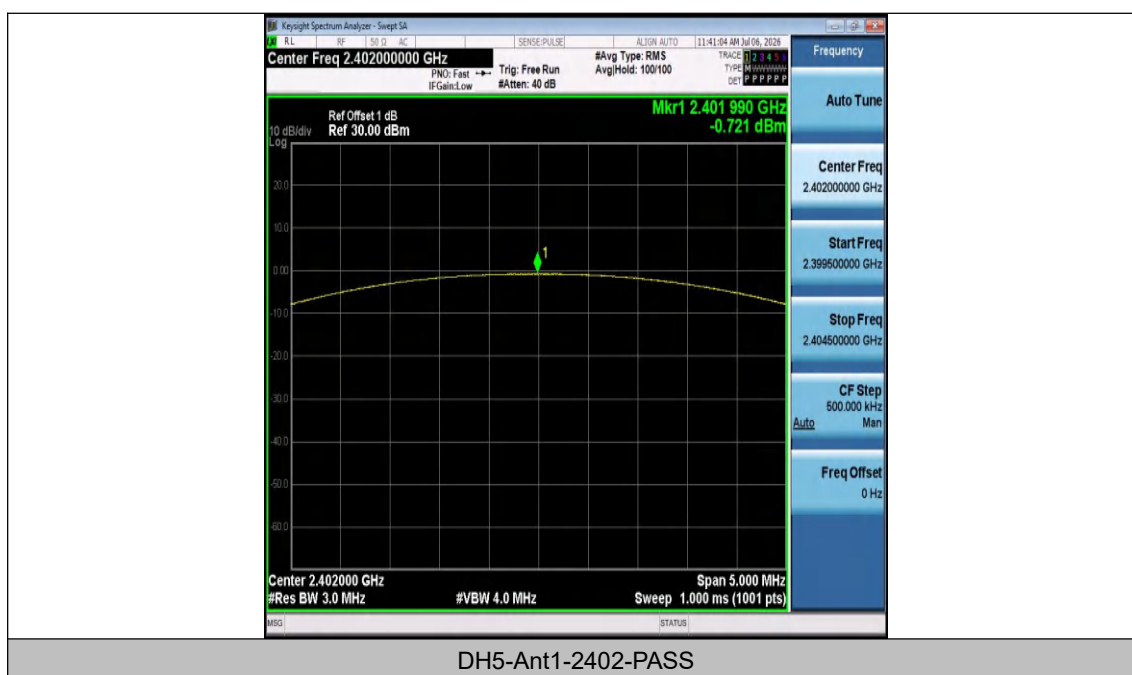
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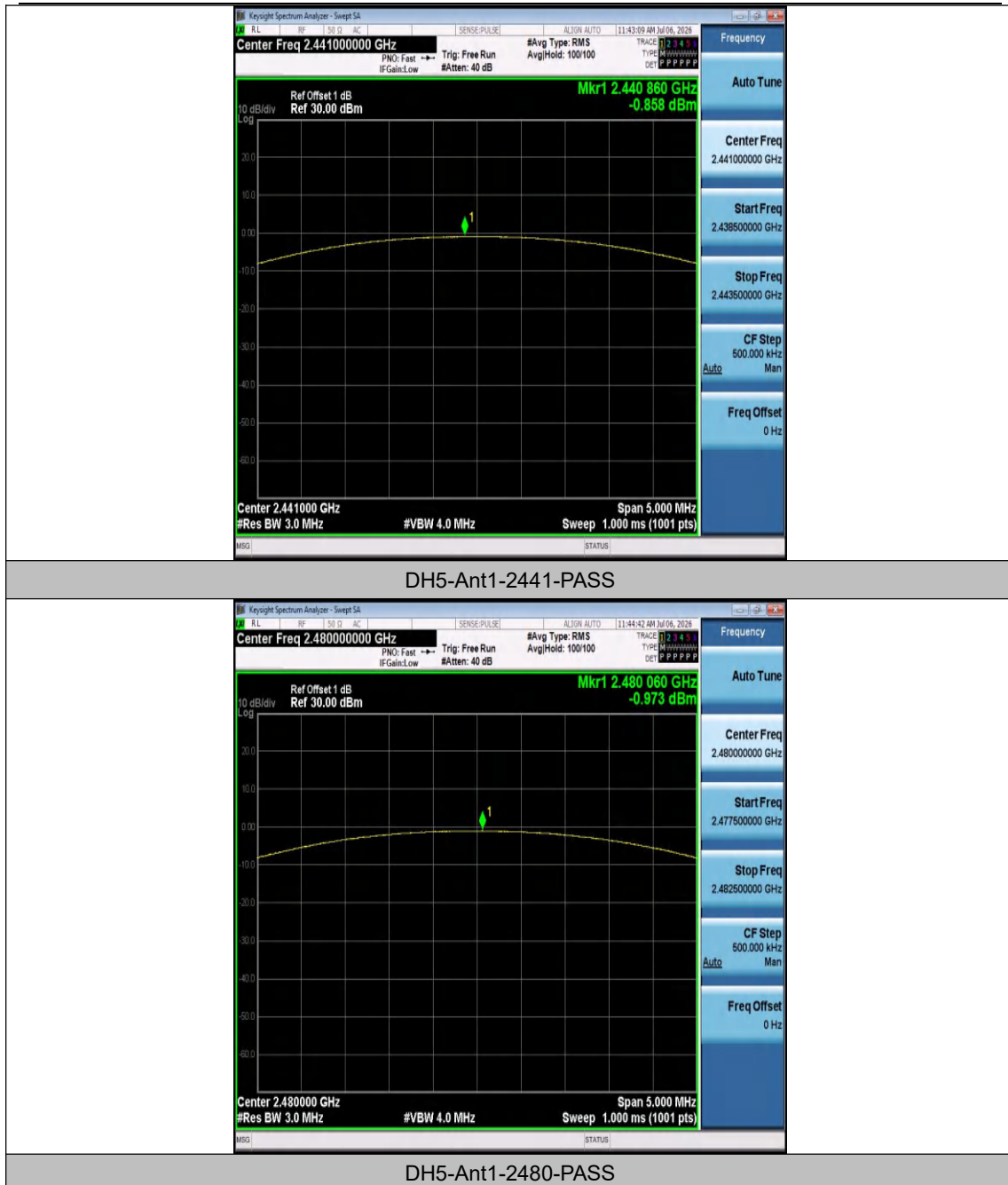
Appendix C: Maximum Conducted Output Power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	-0.72	≤20.97	PASS
DH5	Ant1	2441	-0.86	≤20.97	PASS
DH5	Ant1	2480	-0.97	≤20.97	PASS
2DH5	Ant1	2402	1.44	≤20.97	PASS
2DH5	Ant1	2441	1.29	≤20.97	PASS
2DH5	Ant1	2480	1.22	≤20.97	PASS
3DH5	Ant1	2402	1.99	≤20.97	PASS
3DH5	Ant1	2441	1.91	≤20.97	PASS
3DH5	Ant1	2480	1.65	≤20.97	PASS

Test Graphs

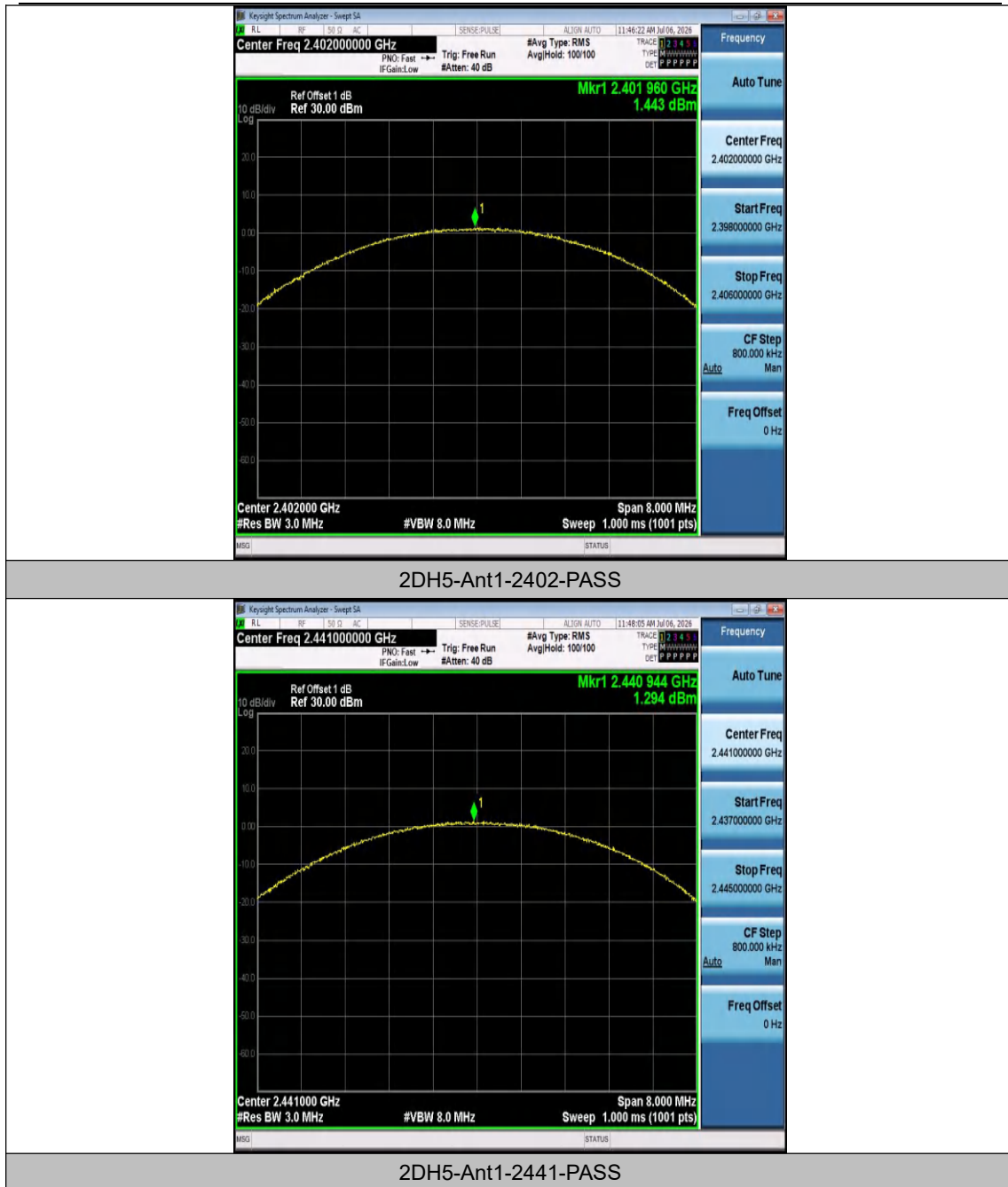




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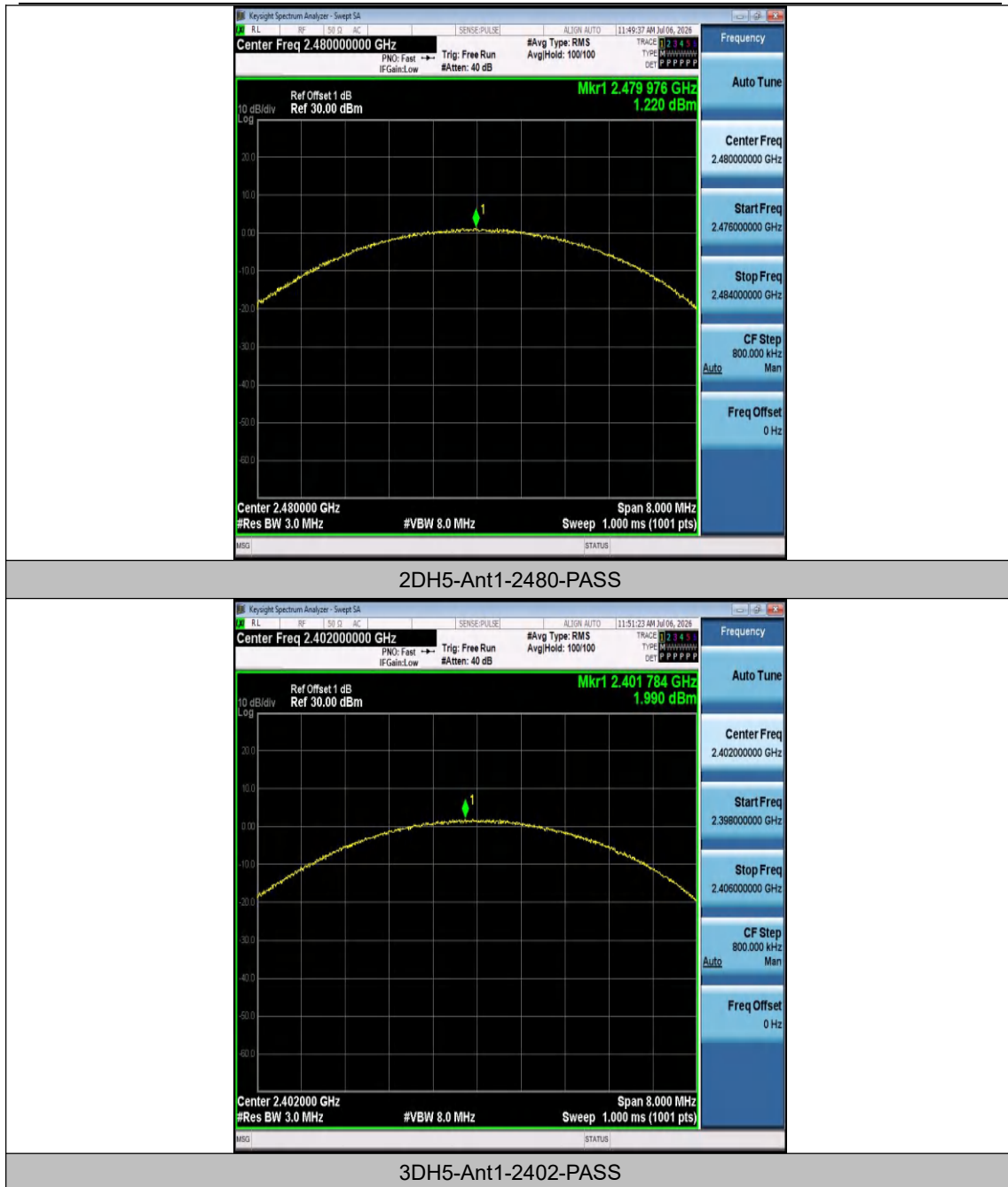
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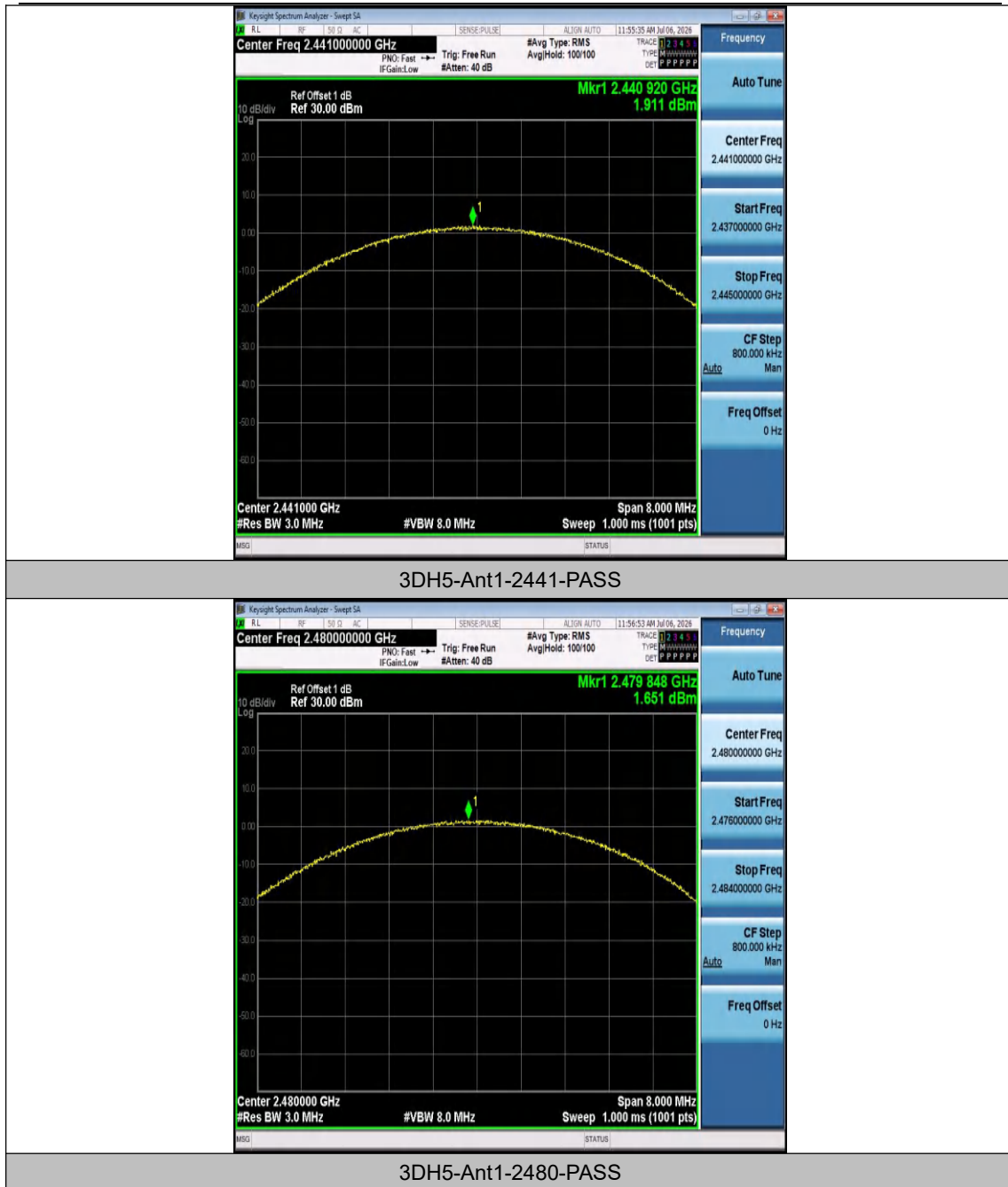
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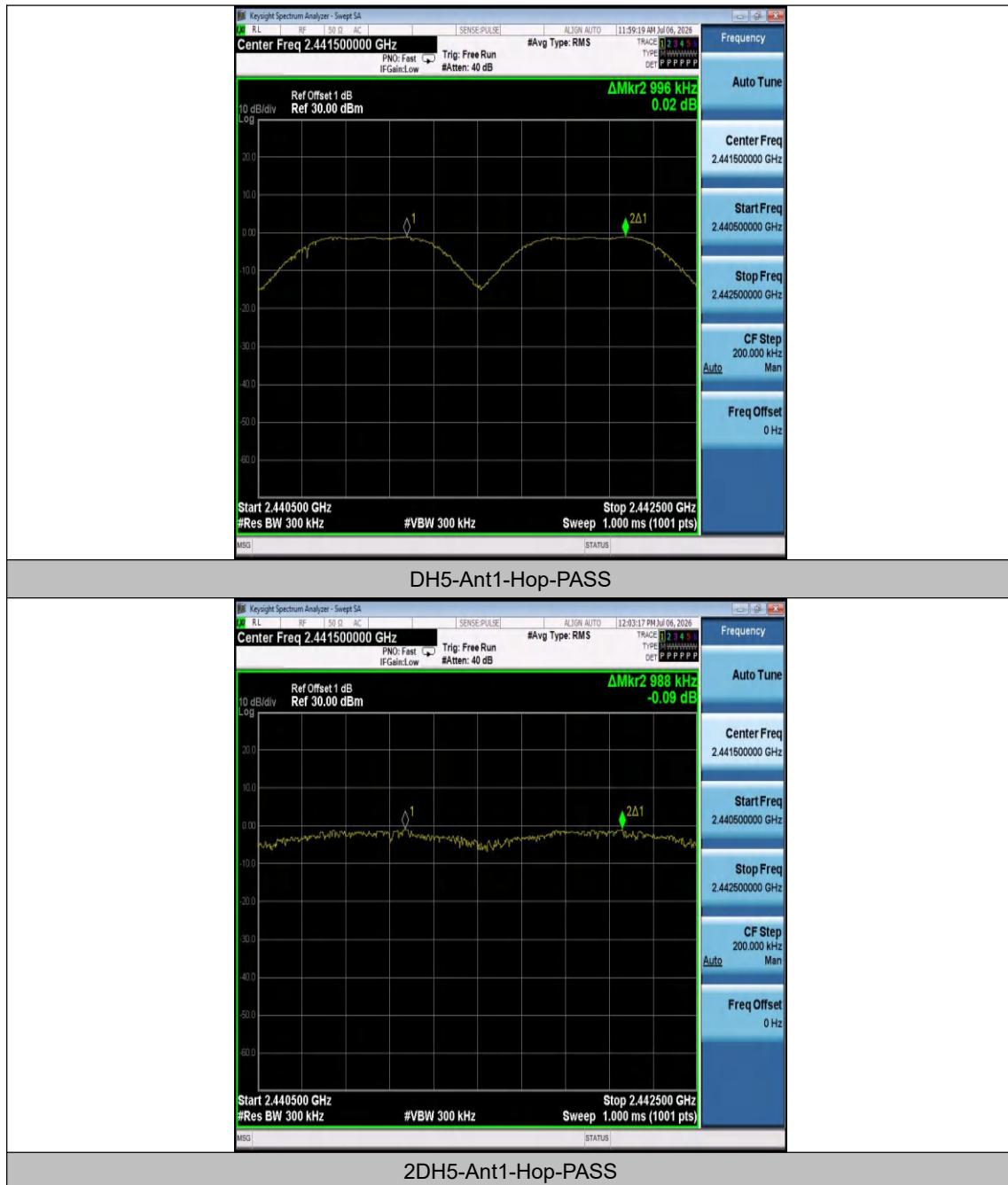
Appendix D: Carrier frequency separation

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	0.996	≥ 0.634	PASS
2DH5	Ant1	Hop	0.988	≥ 0.866	PASS
3DH5	Ant1	Hop	1.01	≥ 0.876	PASS

Note: For conducted power less than 0.125 W(20.97 dBm), the limit can be set using hopping channel carrier frequencies that are separated by 25 kHz or two thirds of the 20 dB bandwidth of the hopping channel, whichever is greater.

Test Graphs



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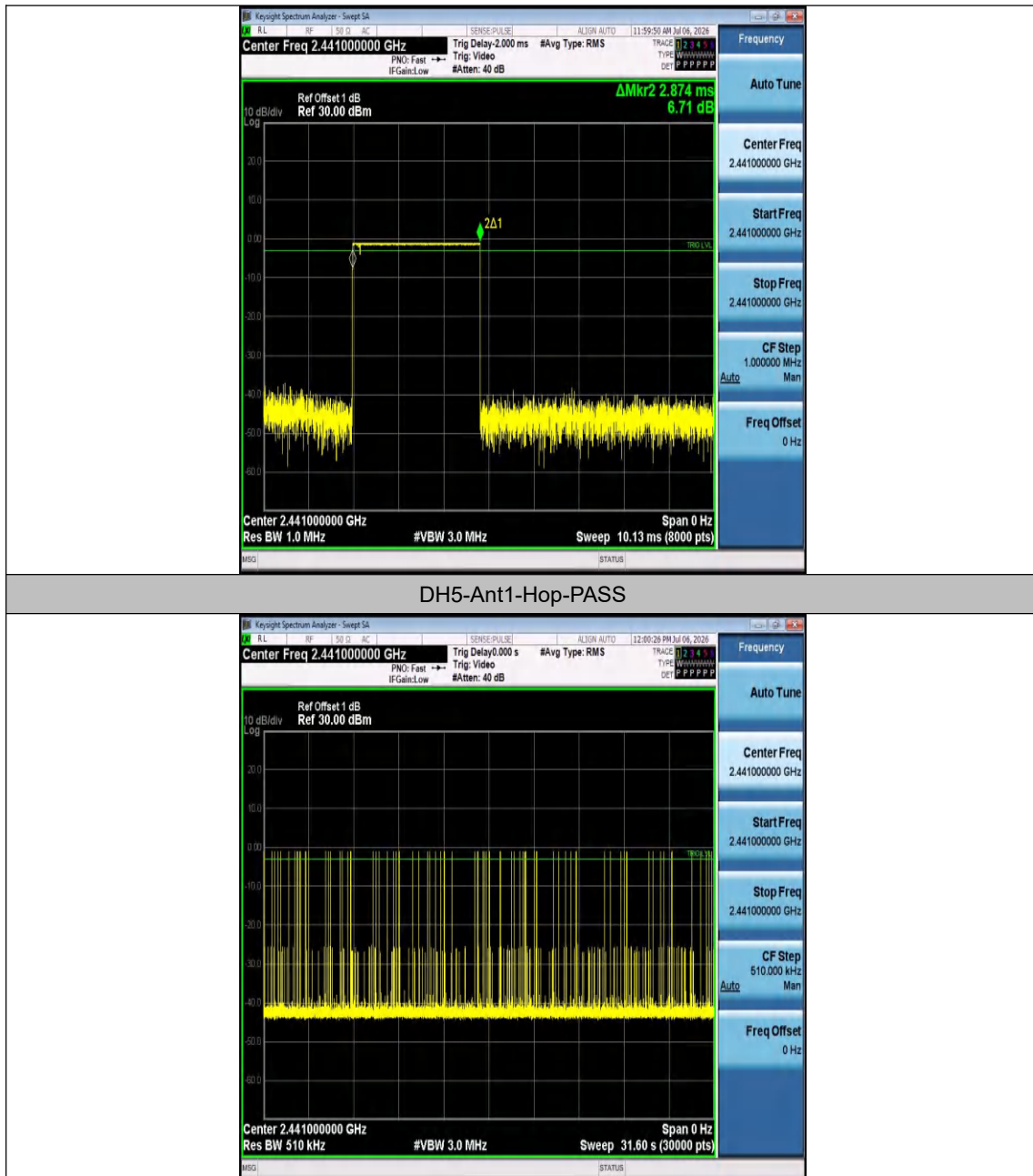
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Appendix E: Dwell Time

Test Result

Test Mode	Antenna	Frequency [MHz]	Burst Width [ms]	Total Hops [Num]	Result [s]	Limit [s]	Verdict
DH5	Ant1	Hop	2.874	77	0.221	≤0.4	PASS
2DH5	Ant1	Hop	2.879	88	0.253	≤0.4	PASS
3DH5	Ant1	Hop	2.882	72	0.208	≤0.4	PASS

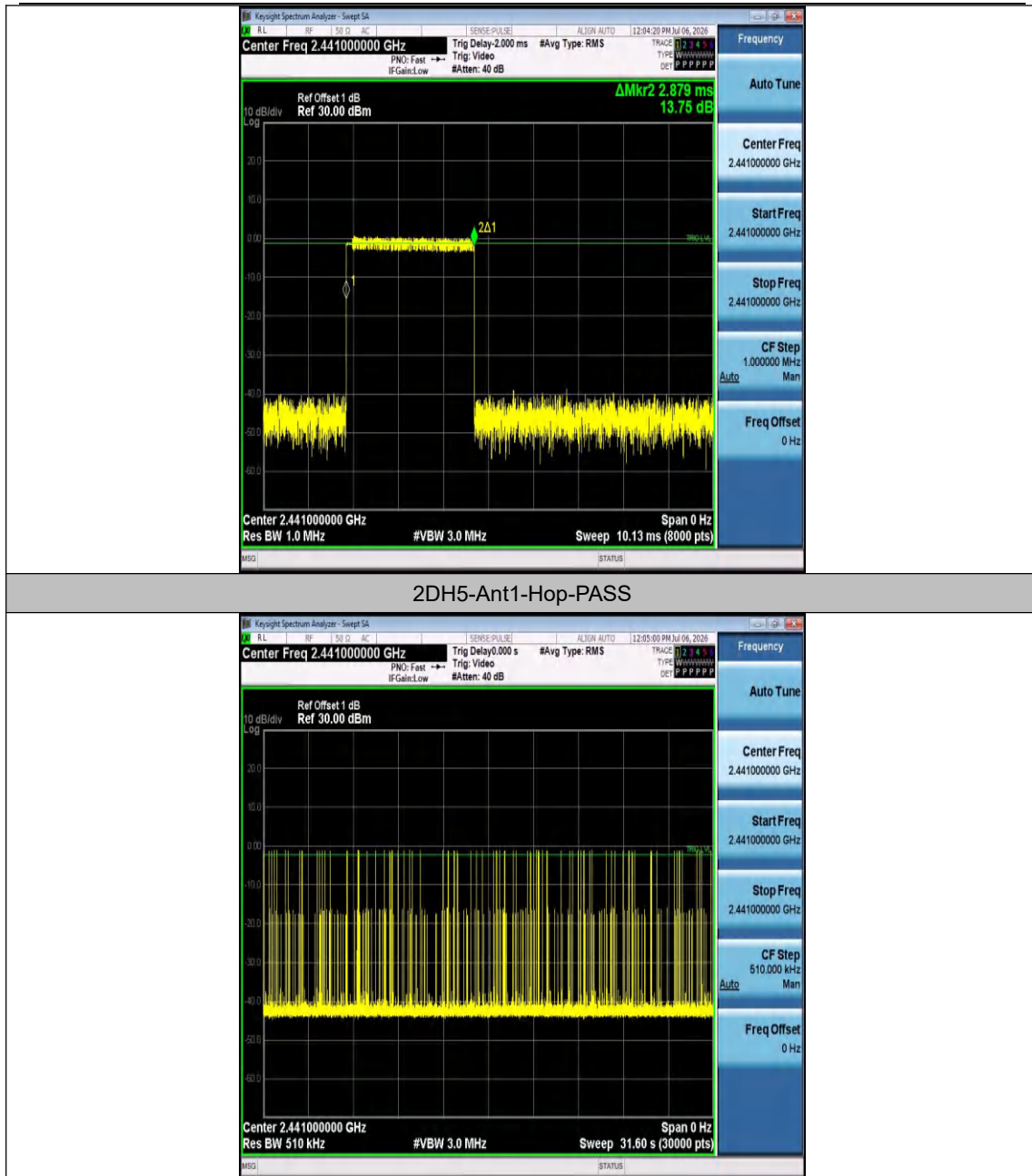
Test Graphs



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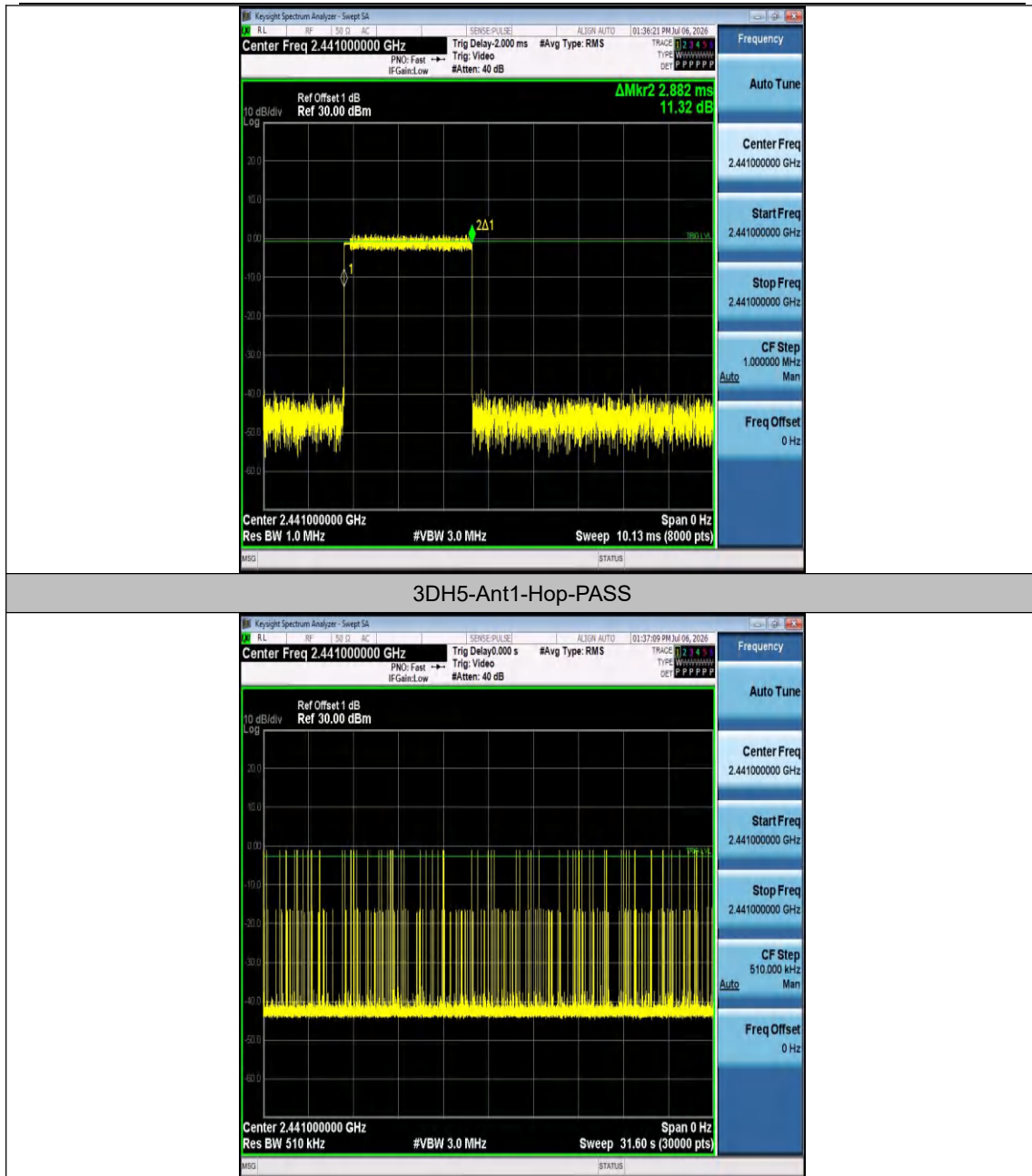
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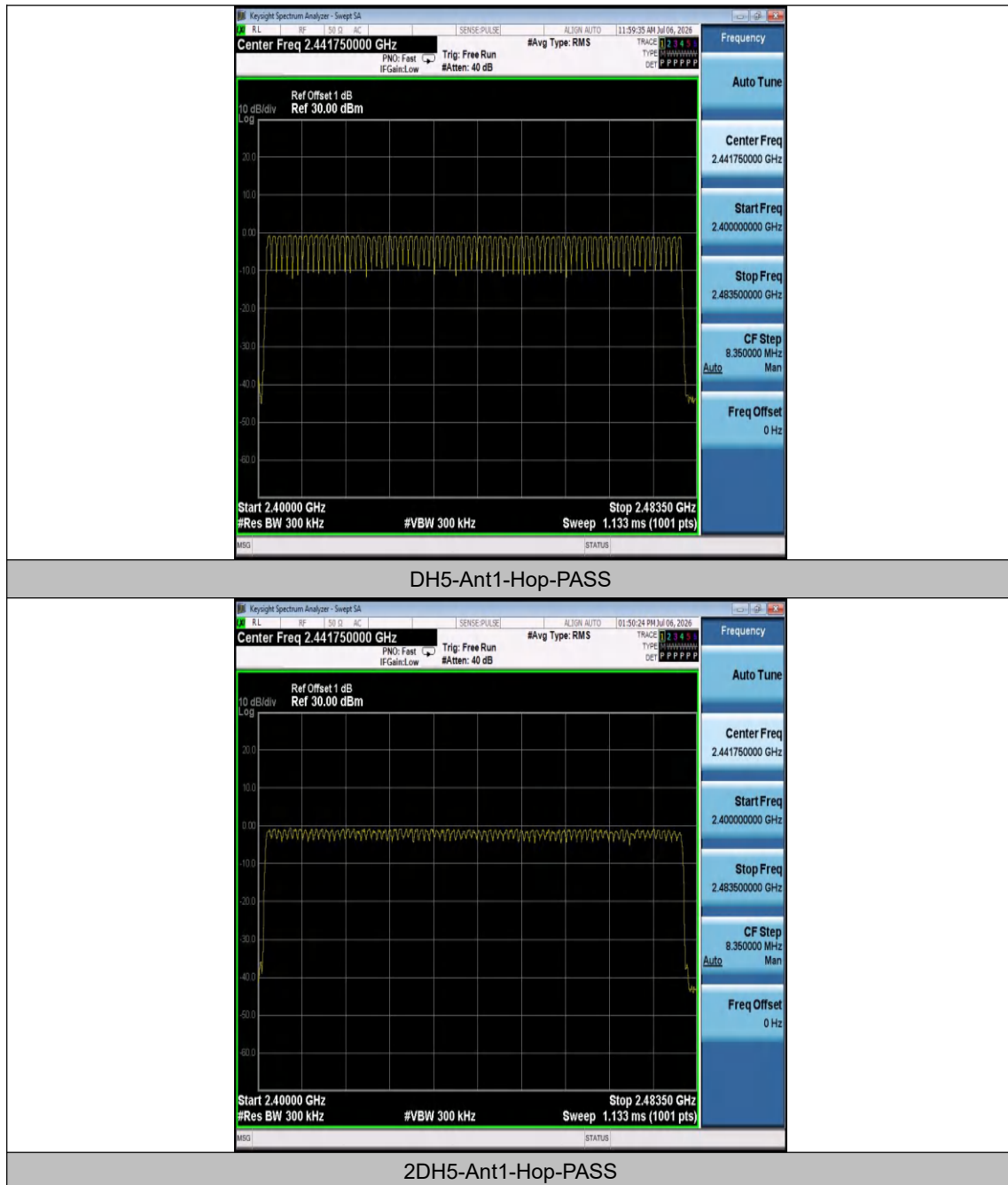
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Appendix F: Number of Hopping Channel

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

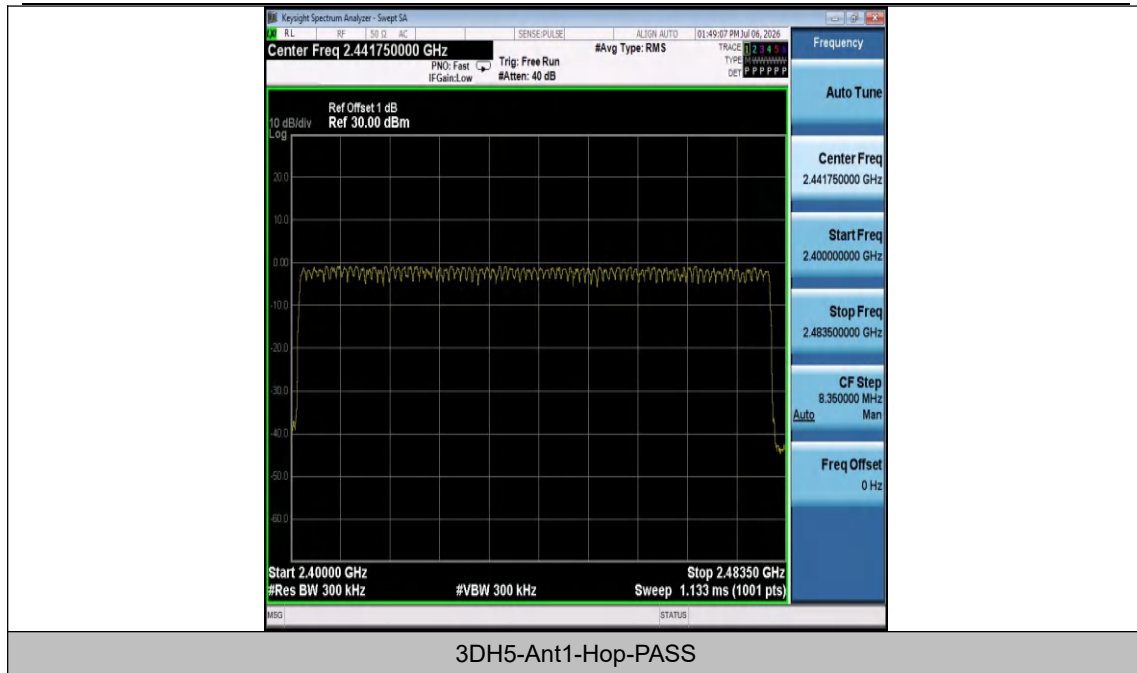
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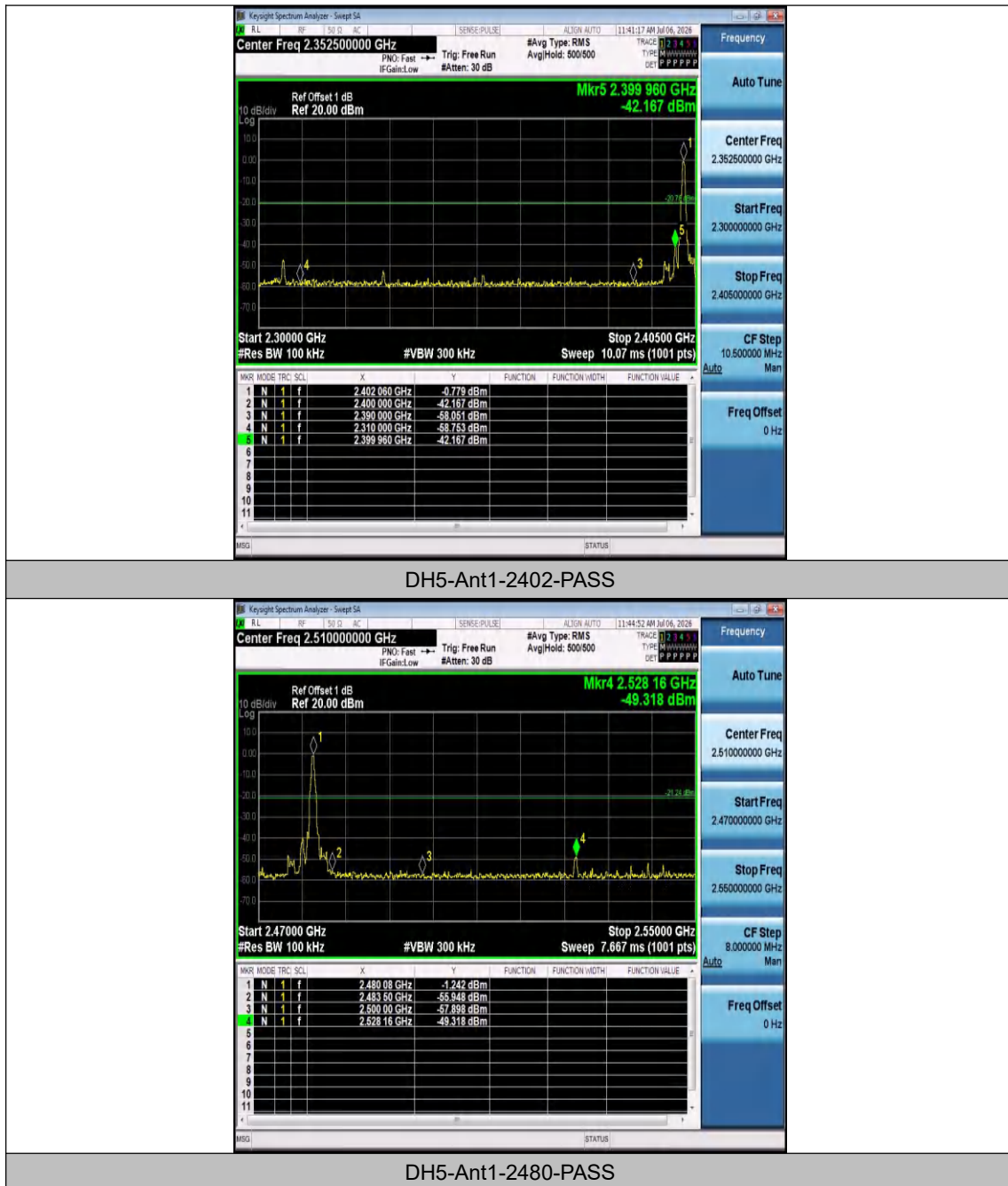
Appendix G: Conducted Band edge

Test Result

Test Mode	Antenna	Ch. Name	Frequency [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-0.78	-42.17	≤-20.78	PASS
DH5	Ant1	High	2480	-1.24	-49.32	≤-21.24	PASS
DH5	Ant1	Low	Hop_2402	-1.64	-43.29	≤-21.64	PASS
DH5	Ant1	High	Hop_2480	-1.14	-42.67	≤-21.14	PASS
2DH5	Ant1	Low	2402	-0.87	-42.35	≤-20.87	PASS
2DH5	Ant1	High	2480	-1.13	-49.76	≤-21.13	PASS
2DH5	Ant1	Low	Hop_2402	-3.80	-47.95	≤-23.8	PASS
2DH5	Ant1	High	Hop_2480	-2.01	-43.62	≤-22.01	PASS
3DH5	Ant1	Low	2402	-0.78	-44.9	≤-20.78	PASS
3DH5	Ant1	High	2480	-1.35	-49.51	≤-21.35	PASS
3DH5	Ant1	Low	Hop_2402	-3.23	-46.75	≤-23.23	PASS
3DH5	Ant1	High	Hop_2480	-3.82	-43.91	≤-23.82	PASS

Remark:Regarding the spurious emissions from 30MHz to 26.5GHz, the cable loss have been set in the 'offset' of the Spectrum Analyzer during the test.

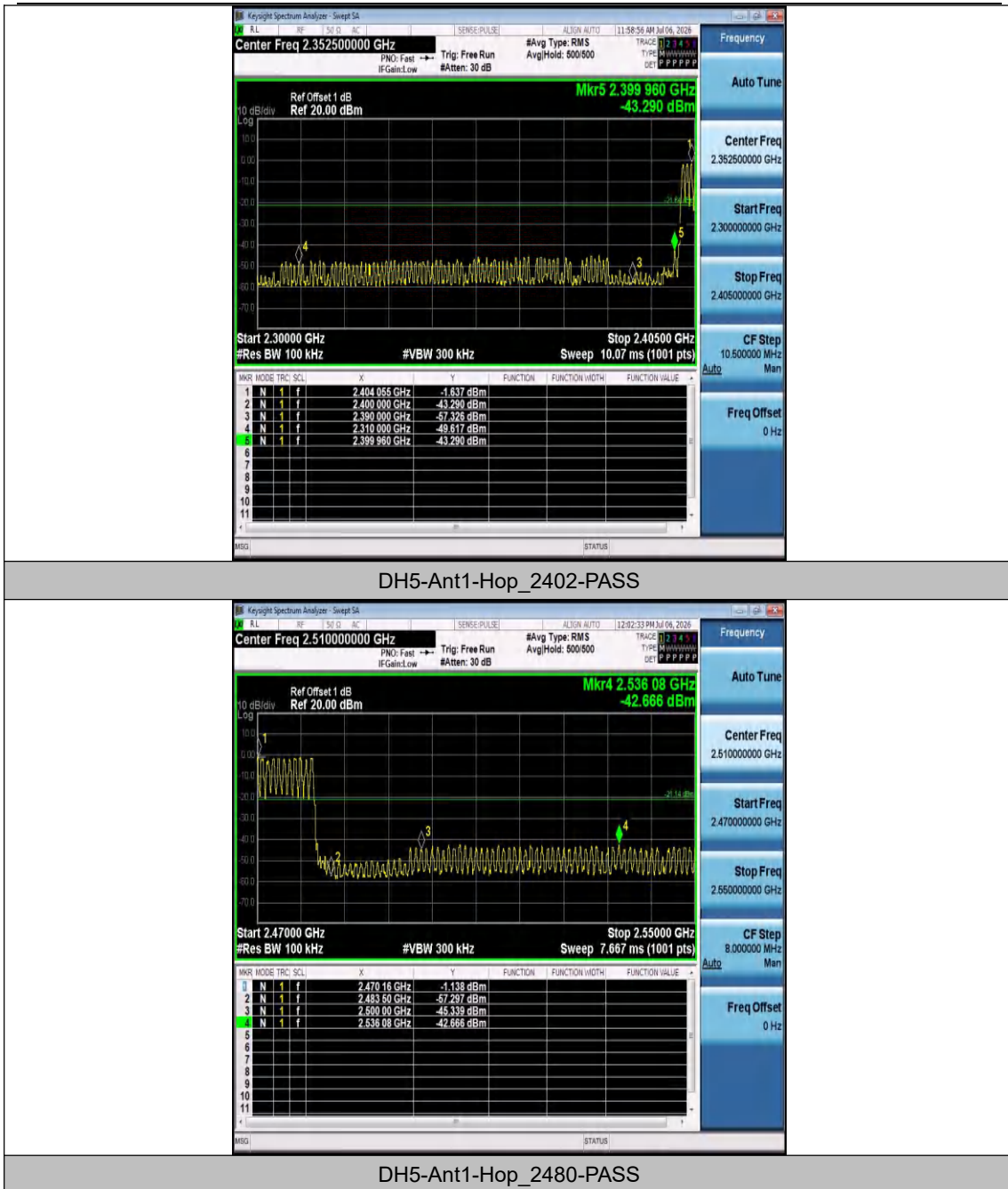
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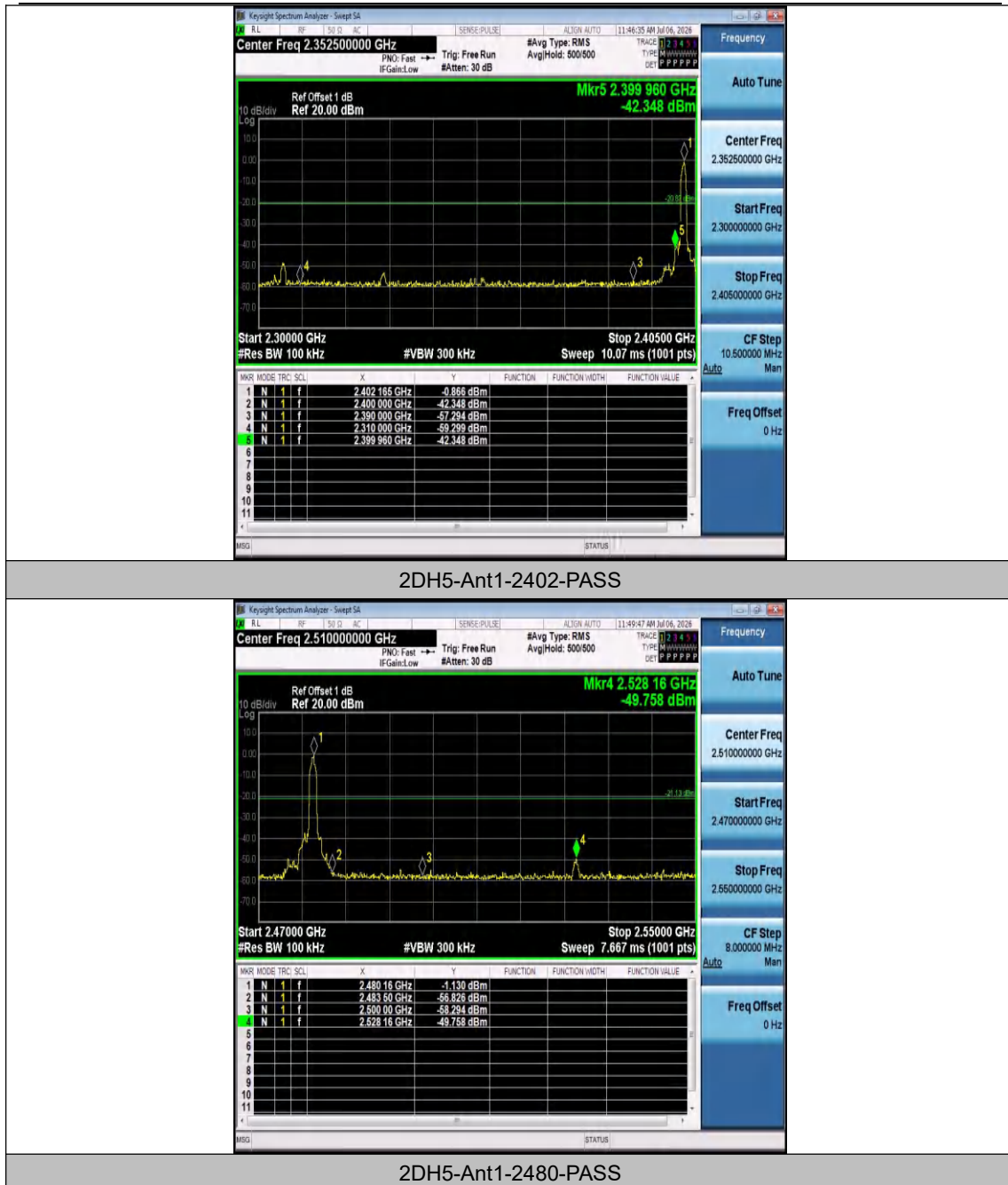


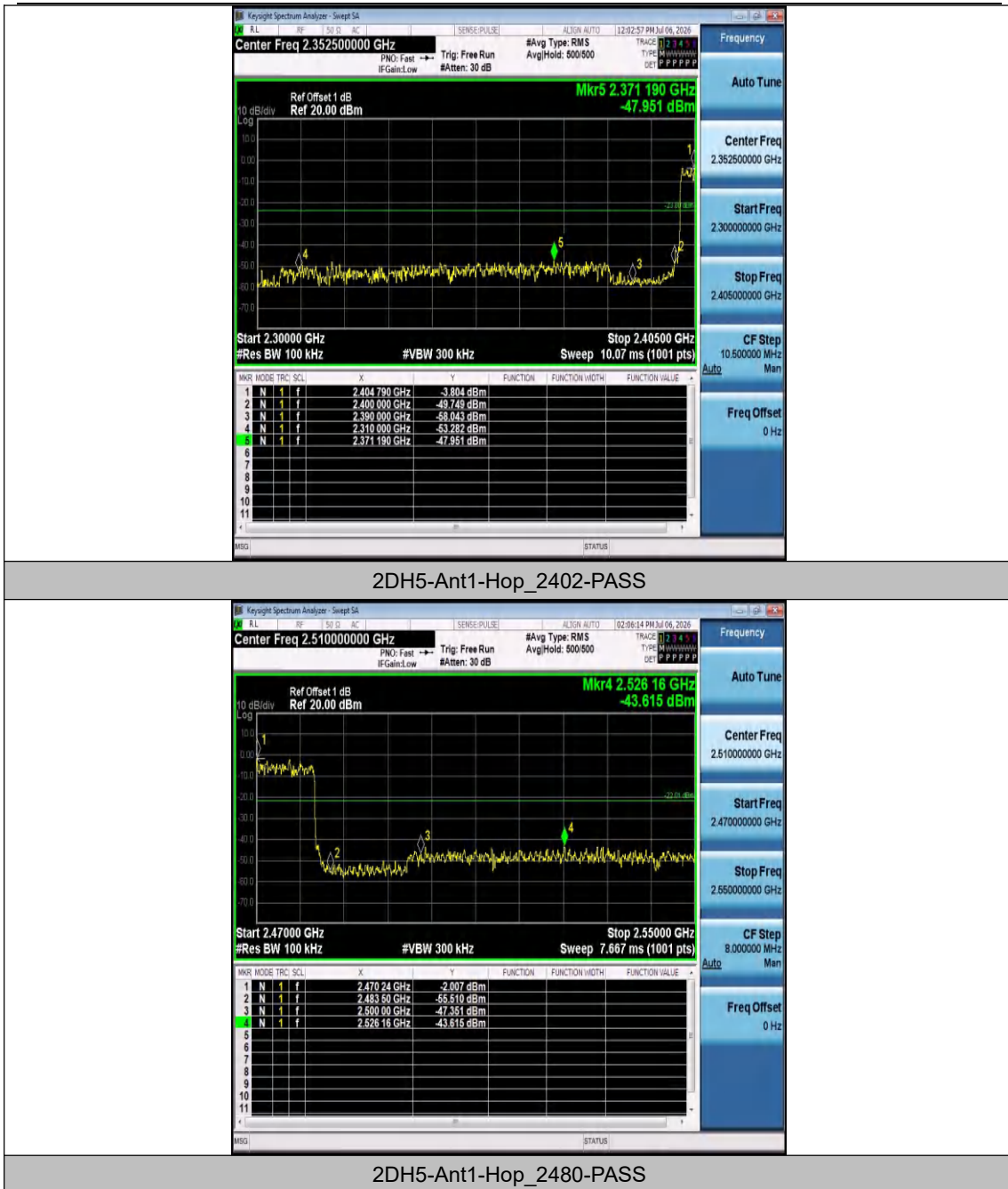
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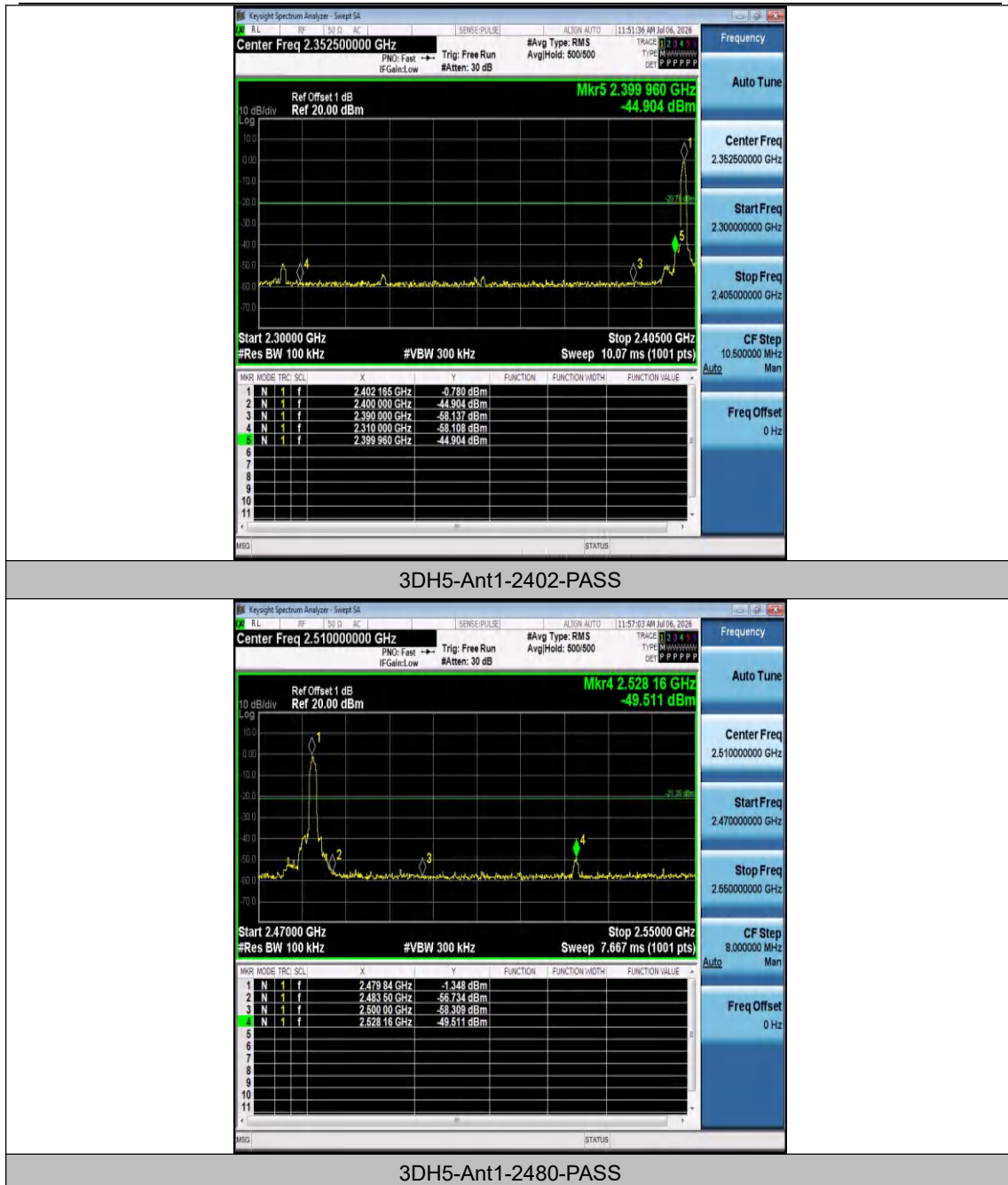
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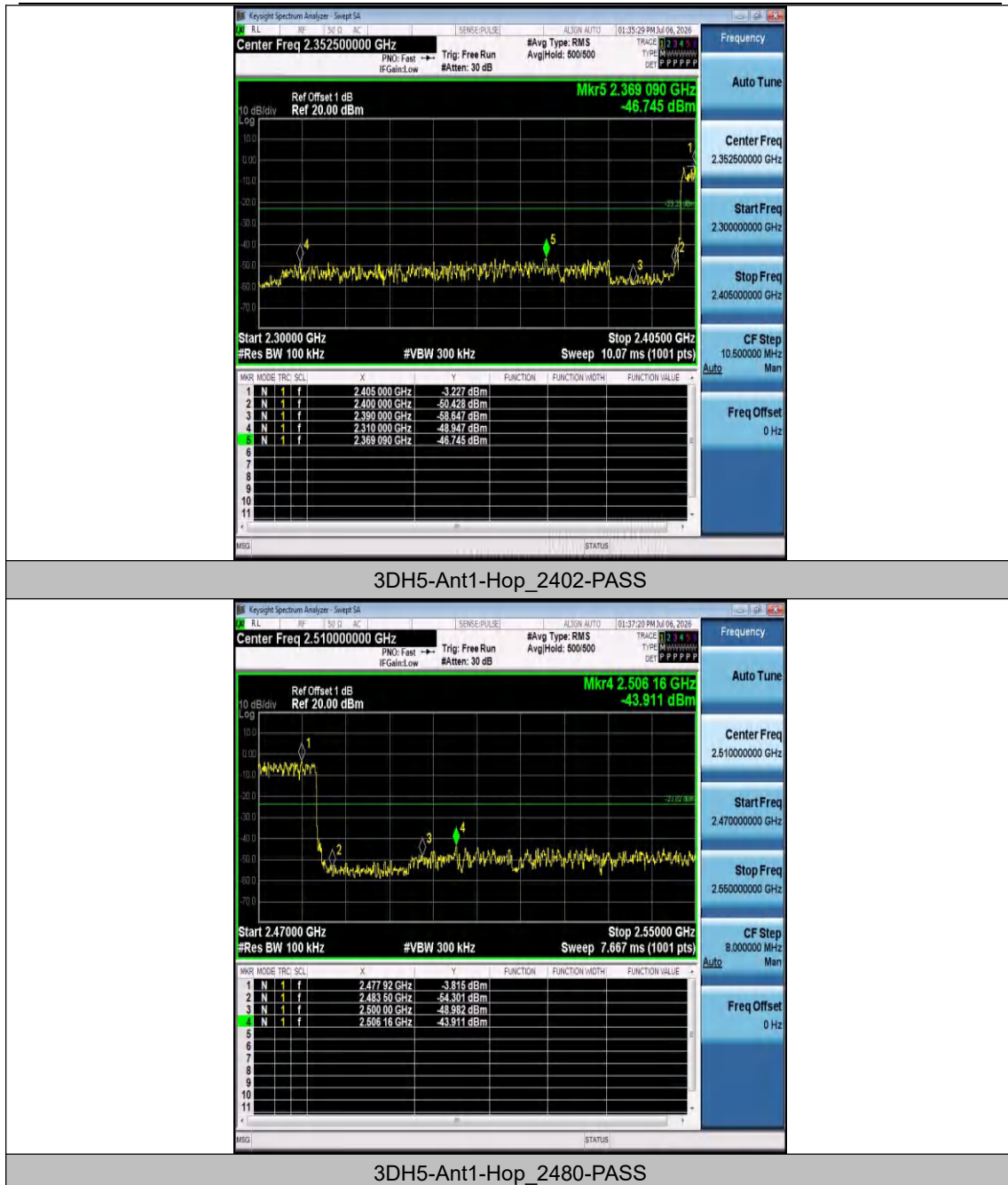
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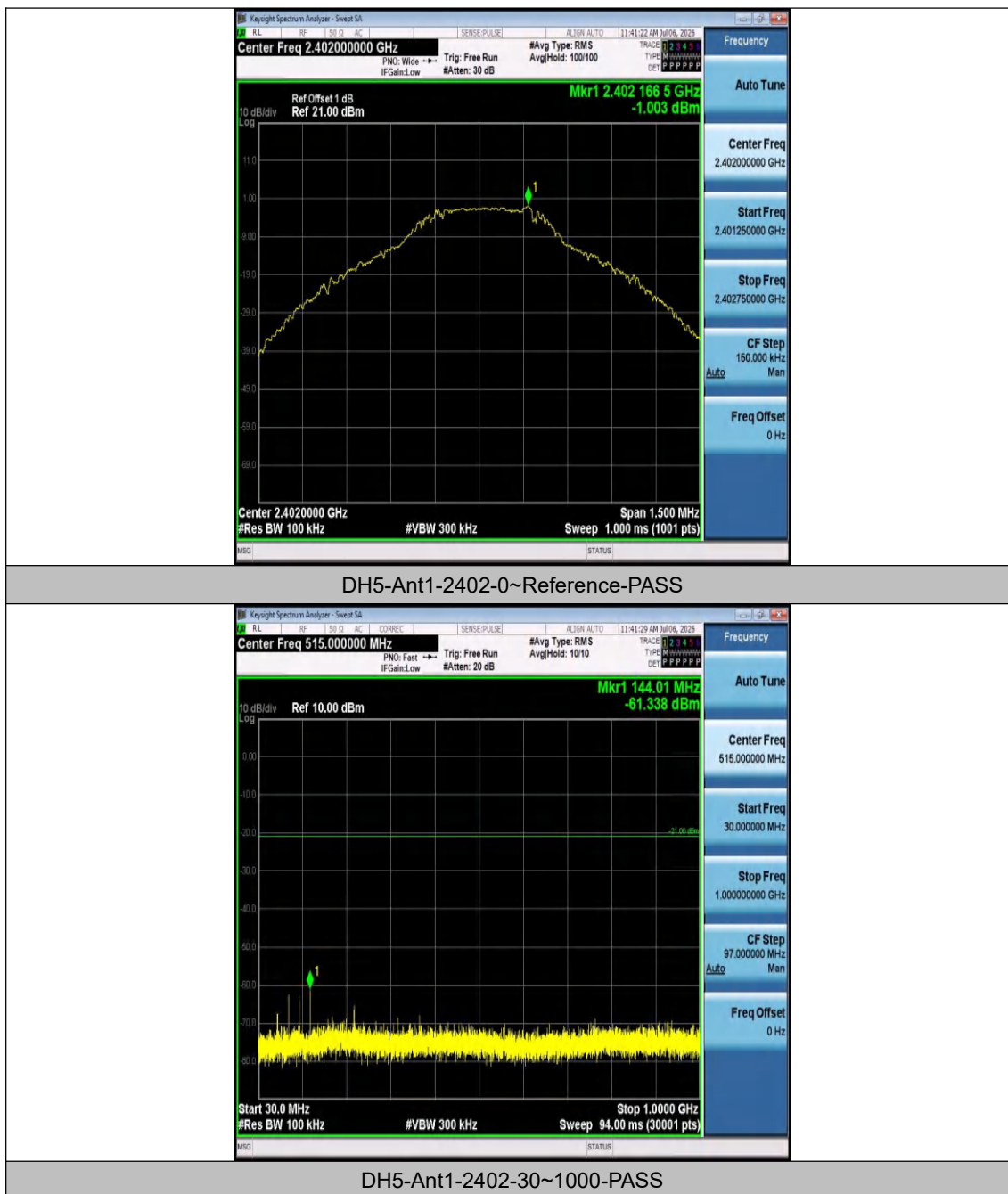
Appendix H: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency[MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	0~Reference	-1.00	-1.00	---	PASS
DH5	Ant1	2402	30~1000	-1.00	-61.34	≤-21	PASS
DH5	Ant1	2402	1000~26500	-1.00	-35.25	≤-21	PASS
DH5	Ant1	2441	0~Reference	-1.29	-1.29	---	PASS
DH5	Ant1	2441	30~1000	-1.29	-62.63	≤-21.29	PASS
DH5	Ant1	2441	1000~26500	-1.29	-35.36	≤-21.29	PASS
DH5	Ant1	2480	0~Reference	-1.68	-1.68	---	PASS
DH5	Ant1	2480	30~1000	-1.68	-62.25	≤-21.68	PASS
DH5	Ant1	2480	1000~26500	-1.68	-35.26	≤-21.68	PASS
2DH5	Ant1	2402	0~Reference	-0.84	-0.84	---	PASS
2DH5	Ant1	2402	30~1000	-0.84	-62.37	≤-20.84	PASS
2DH5	Ant1	2402	1000~26500	-0.84	-35.66	≤-20.84	PASS
2DH5	Ant1	2441	0~Reference	-1.85	-1.85	---	PASS
2DH5	Ant1	2441	30~1000	-1.85	-61.63	≤-21.85	PASS
2DH5	Ant1	2441	1000~26500	-1.85	-36	≤-21.85	PASS
2DH5	Ant1	2480	0~Reference	-1.84	-1.84	---	PASS
2DH5	Ant1	2480	30~1000	-1.84	-61.51	≤-21.84	PASS
2DH5	Ant1	2480	1000~26500	-1.84	-35.88	≤-21.84	PASS
3DH5	Ant1	2402	0~Reference	-1.15	-1.15	---	PASS
3DH5	Ant1	2402	30~1000	-1.15	-61.87	≤-21.15	PASS
3DH5	Ant1	2402	1000~26500	-1.15	-35.6	≤-21.15	PASS
3DH5	Ant1	2441	0~Reference	-1.03	-1.03	---	PASS
3DH5	Ant1	2441	30~1000	-1.03	-62.42	≤-21.03	PASS
3DH5	Ant1	2441	1000~26500	-1.03	-36.15	≤-21.03	PASS
3DH5	Ant1	2480	0~Reference	-1.17	-1.17	---	PASS
3DH5	Ant1	2480	30~1000	-1.17	-61.61	≤-21.17	PASS
3DH5	Ant1	2480	1000~26500	-1.17	-35.18	≤-21.17	PASS

Remark:Regarding the spurious emissions from 30MHz to 26.5GHz, the cable loss have been set in the 'Input Correction' of the Spectrum Analyzer during the test.

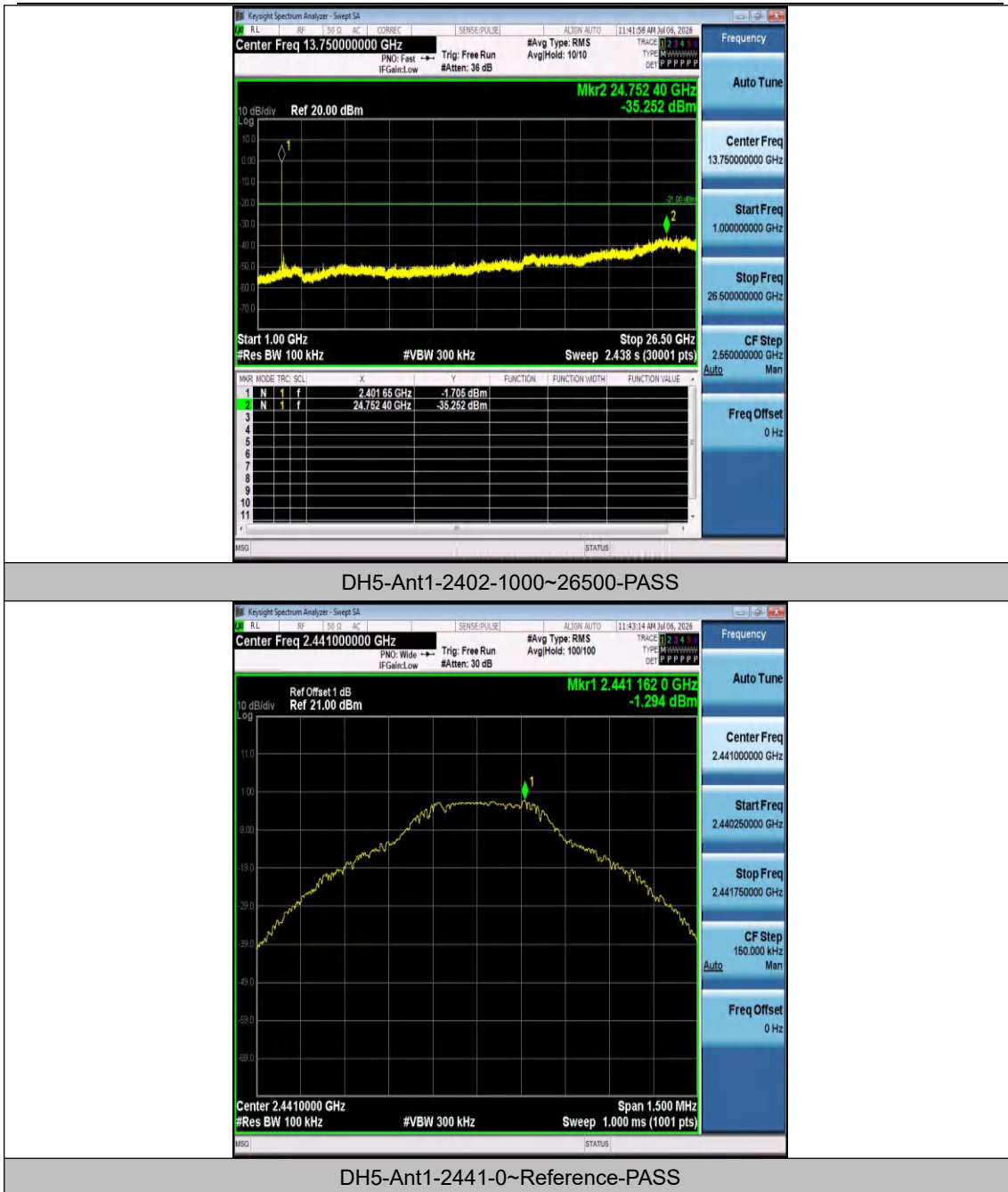
Test Graphs



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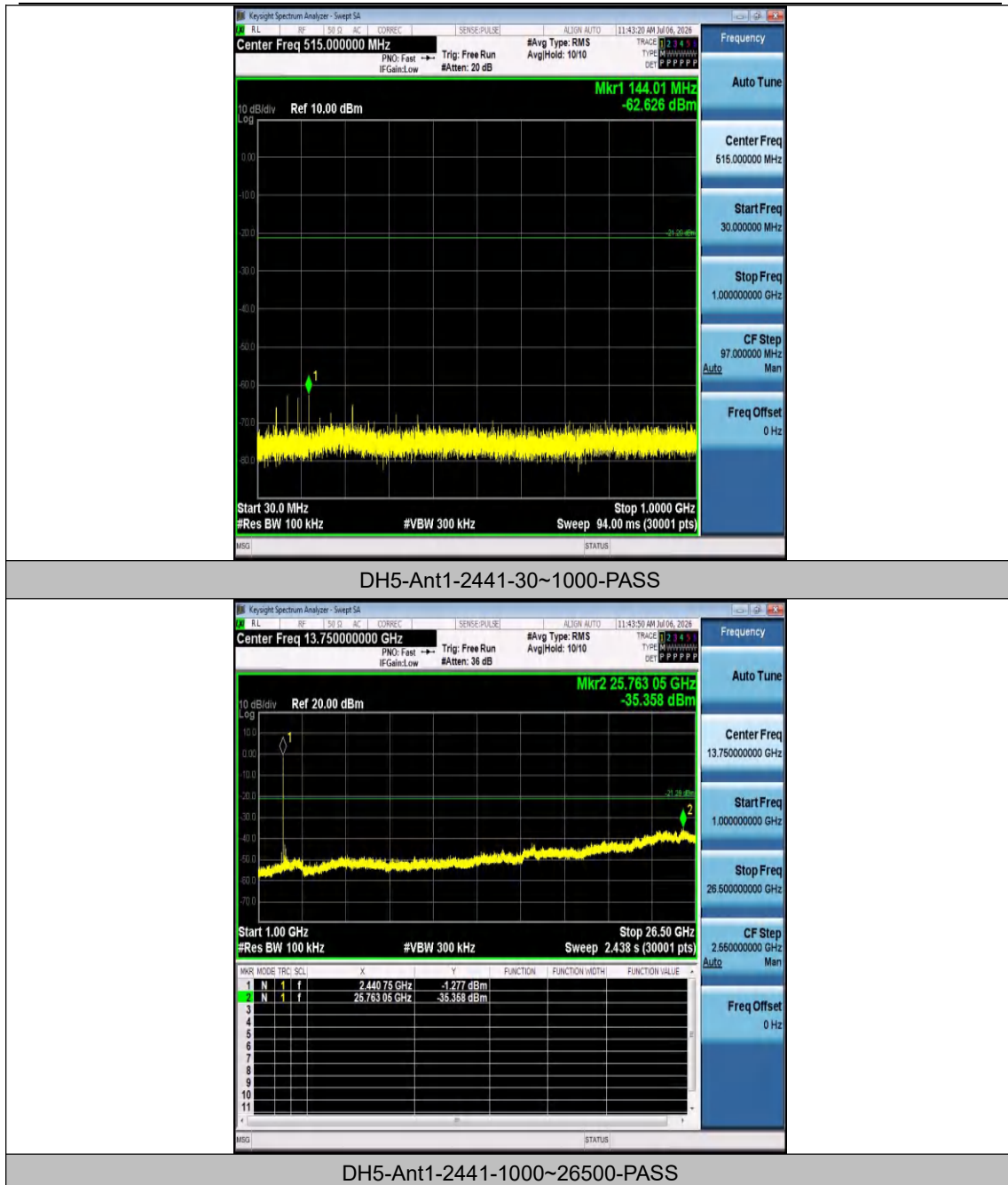
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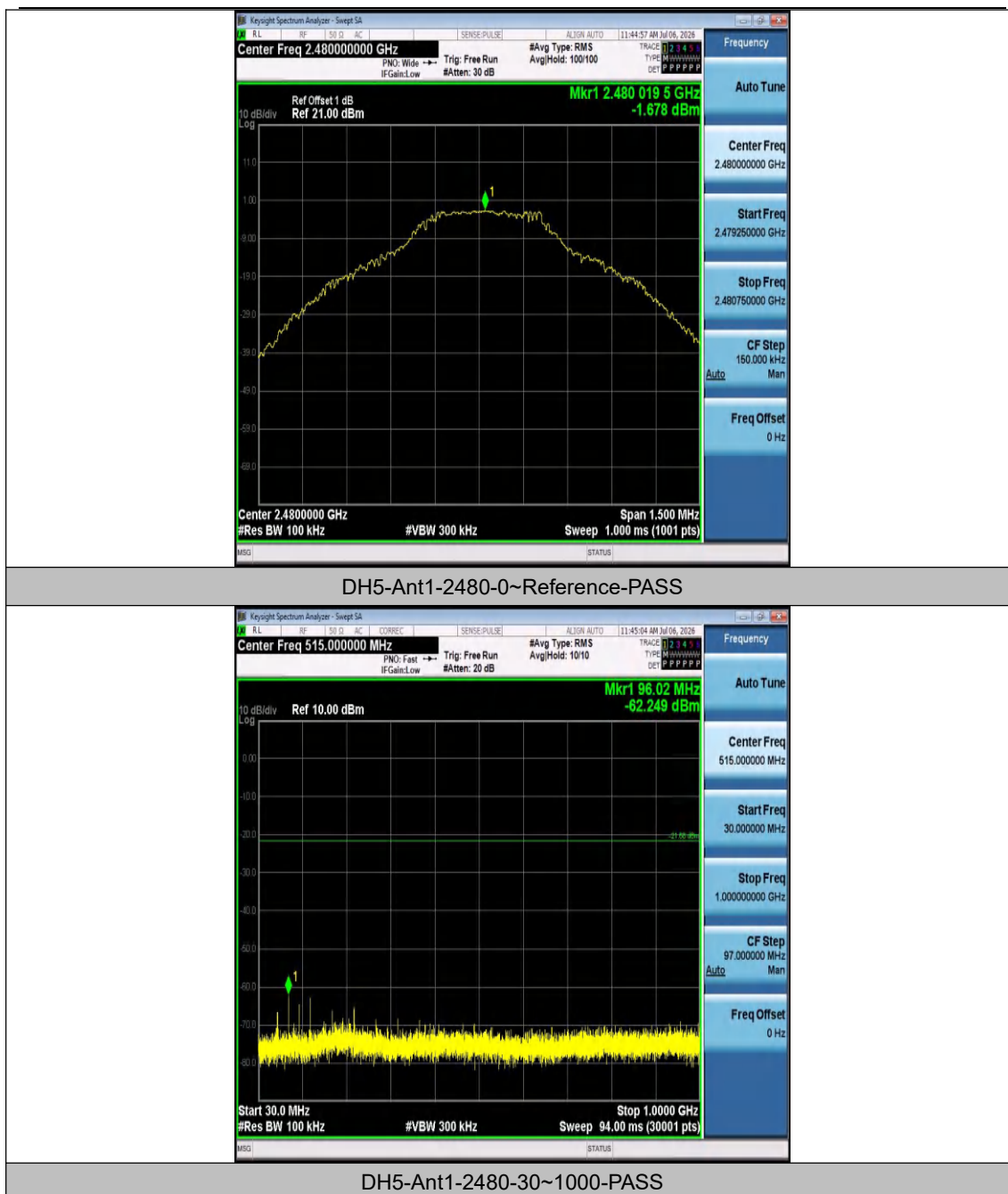
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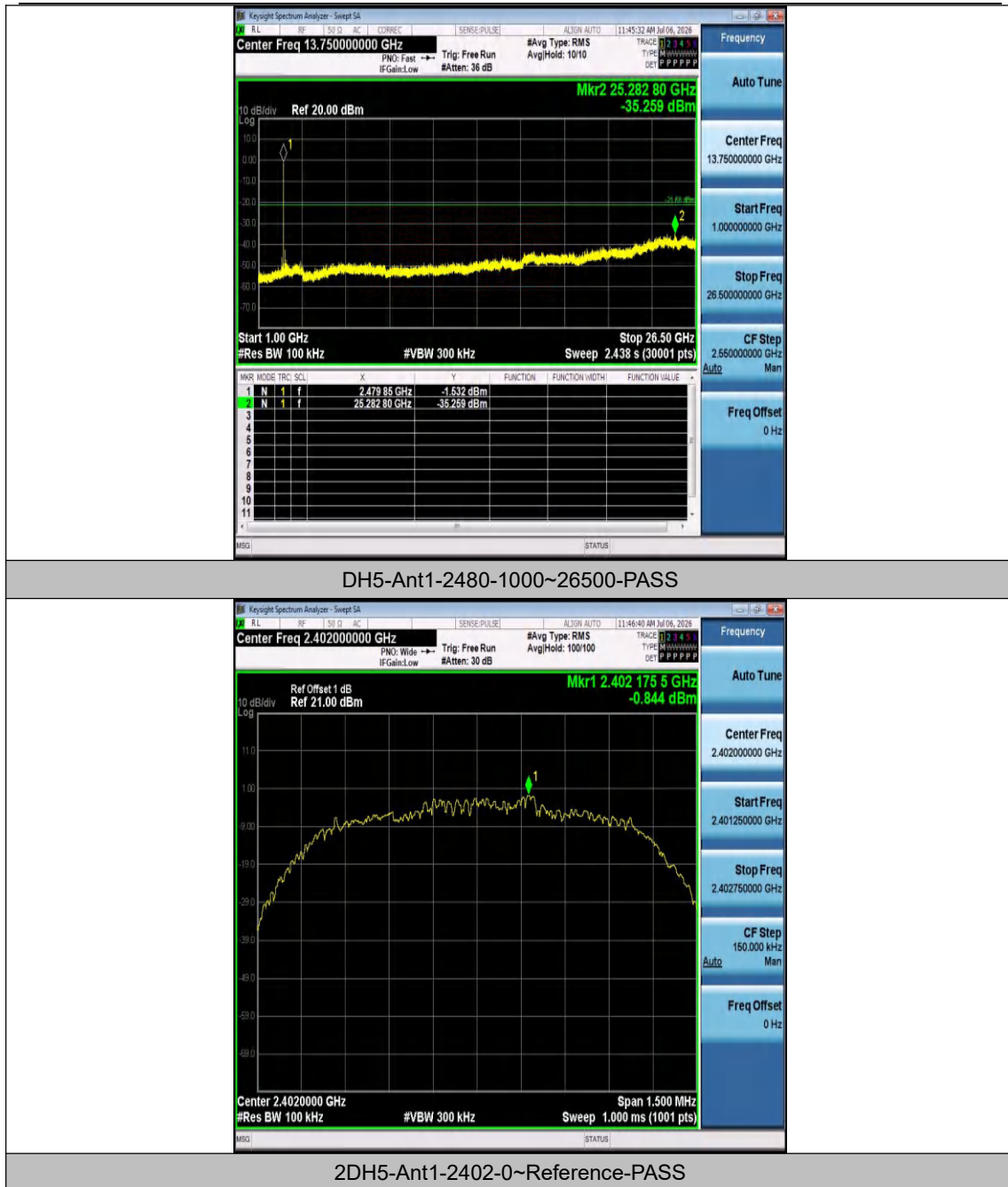
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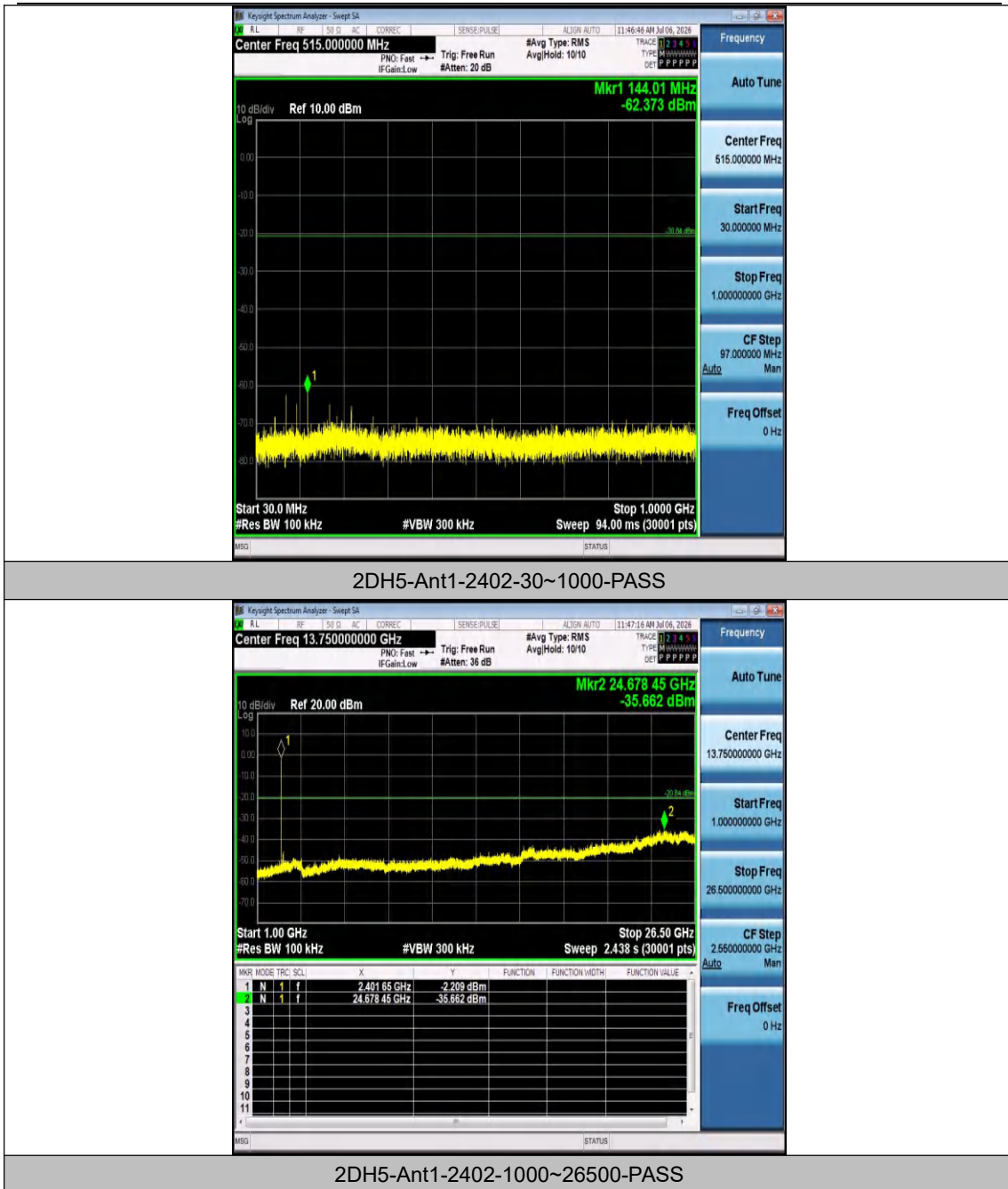
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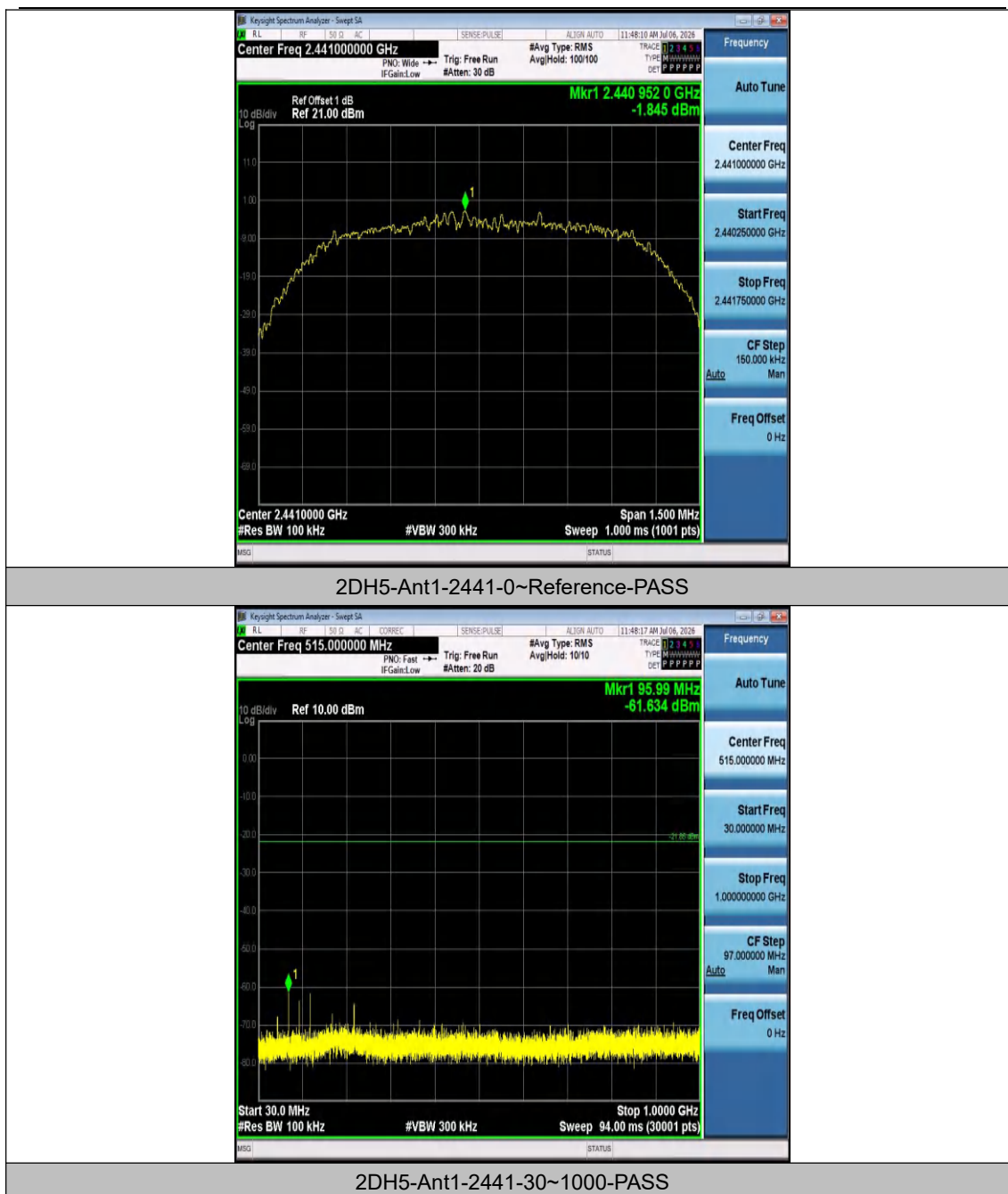


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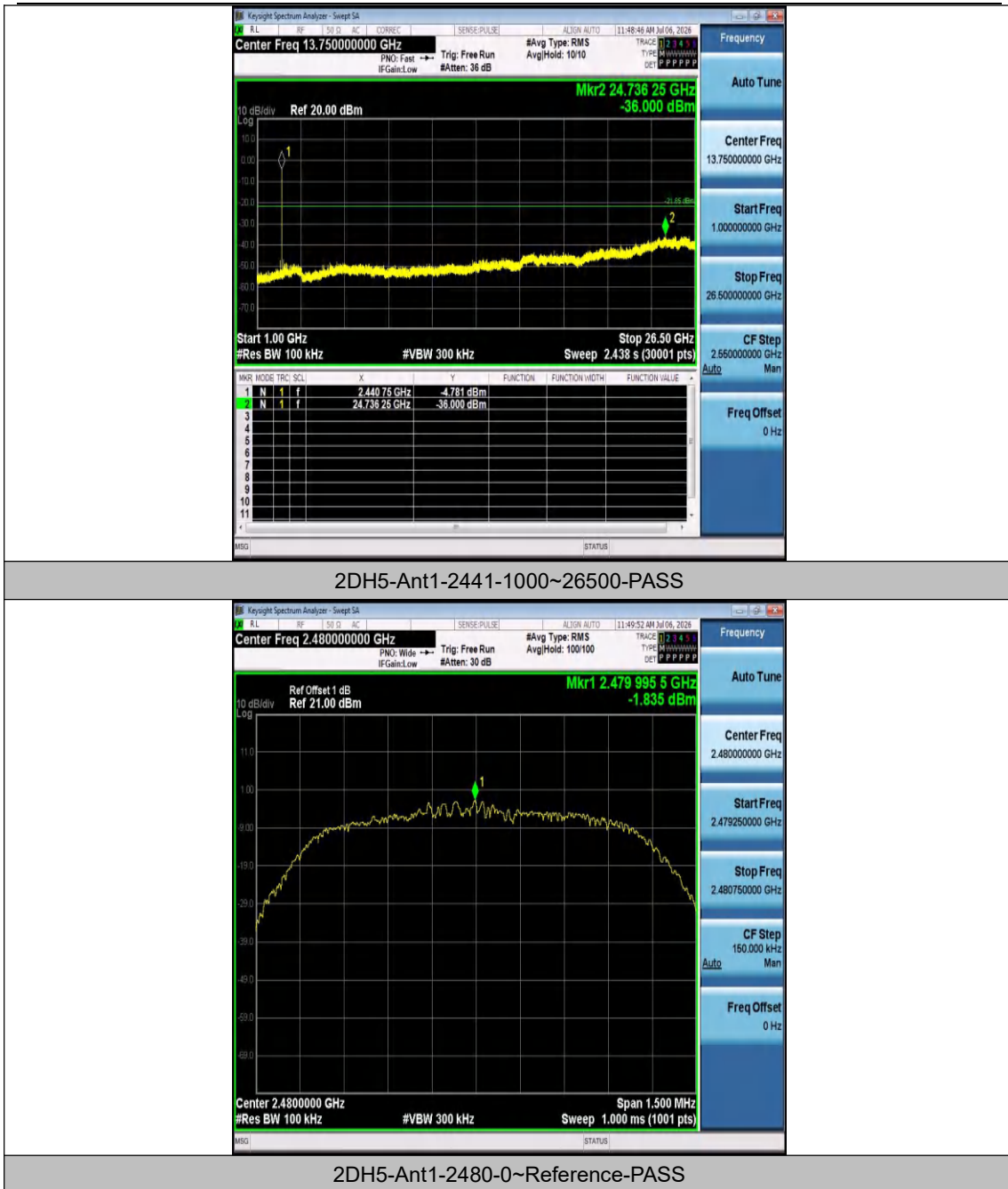




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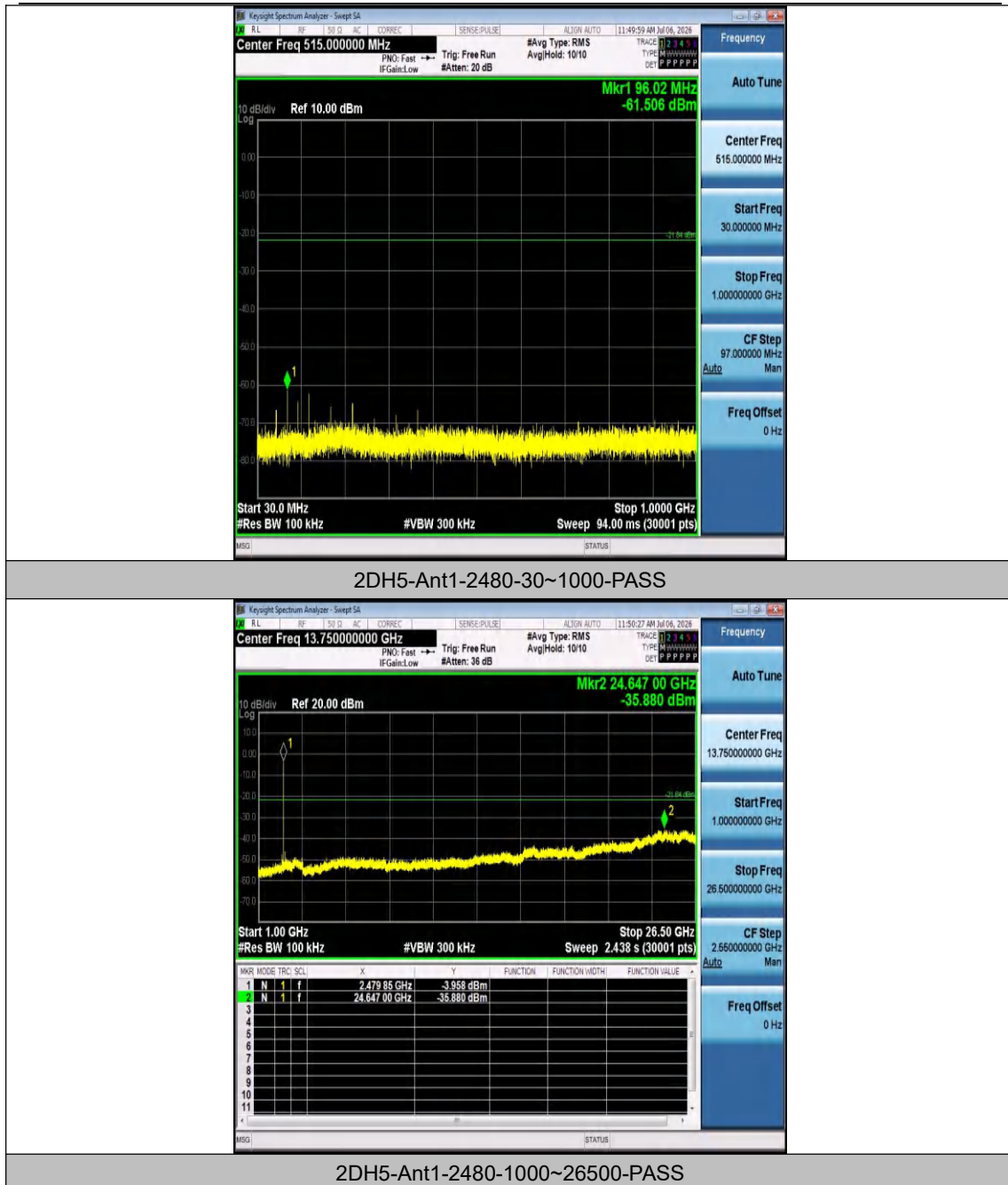
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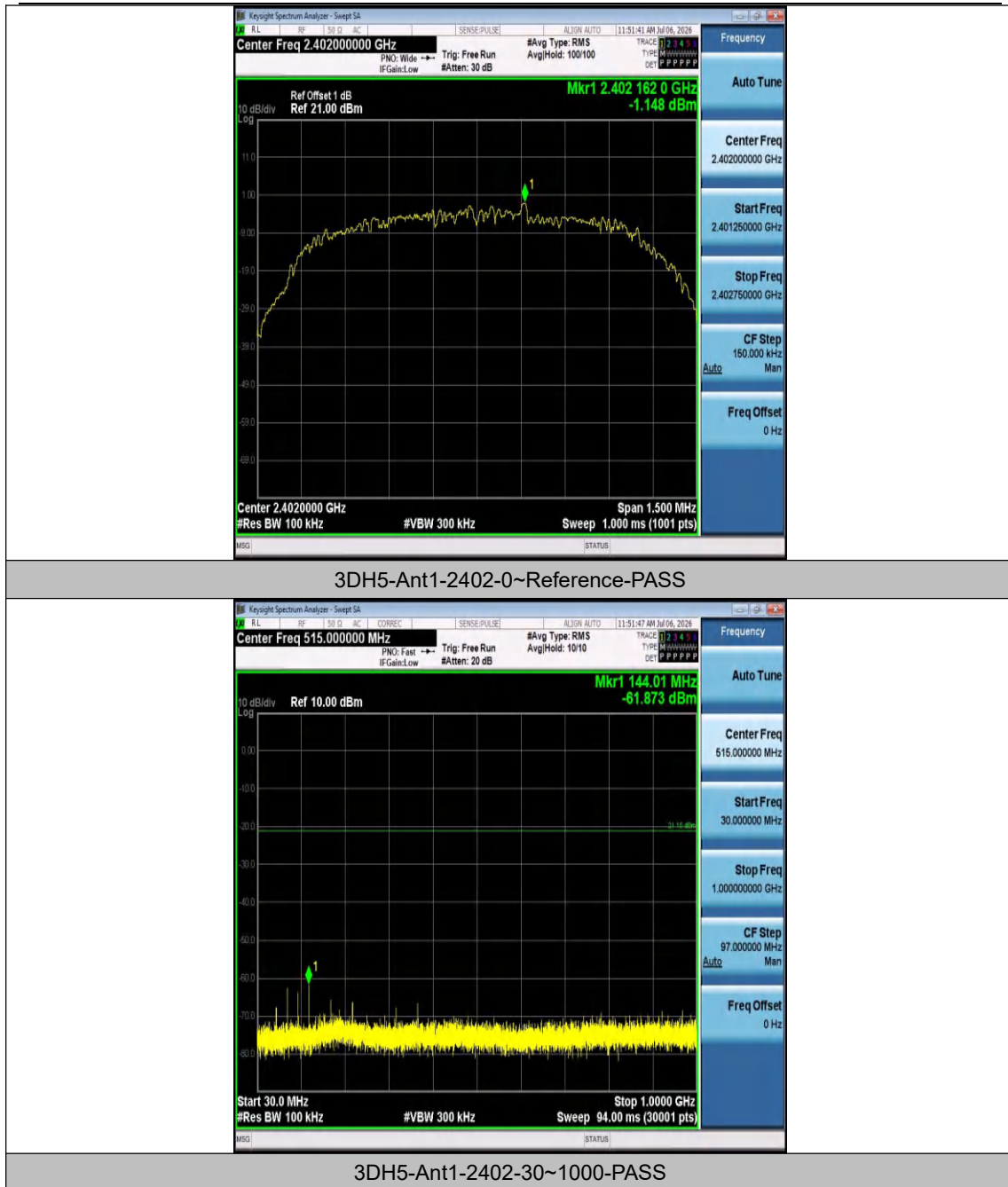


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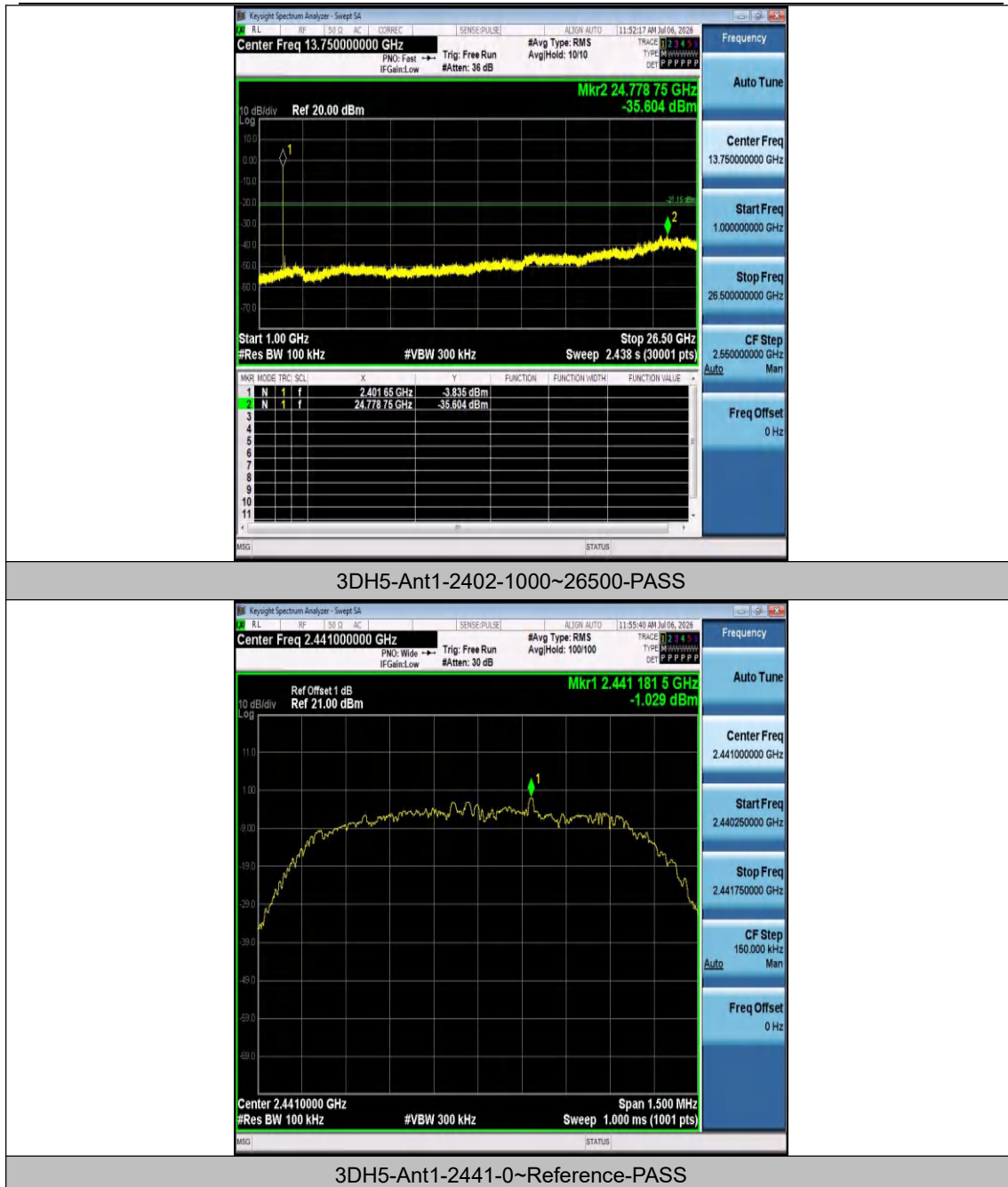


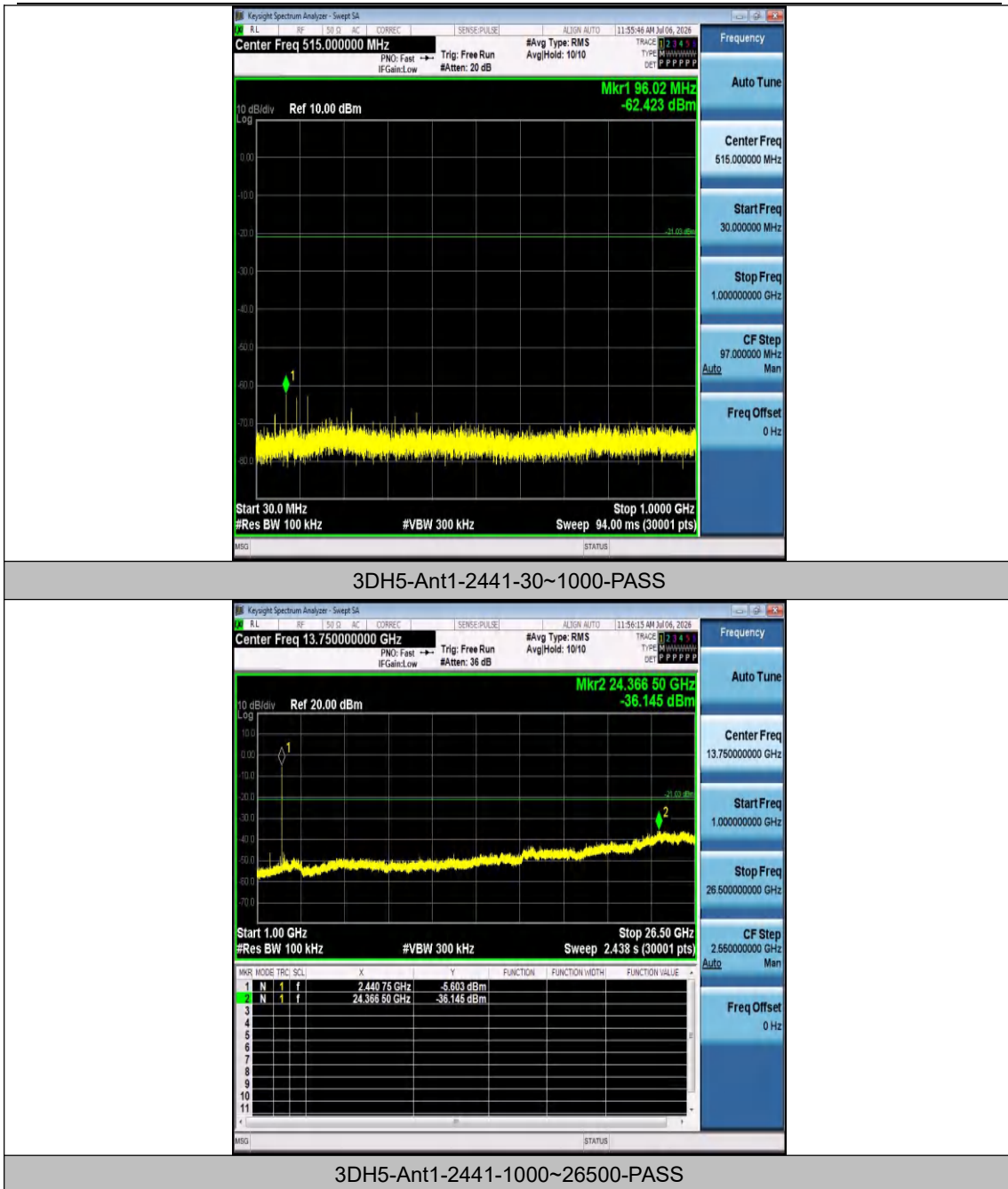


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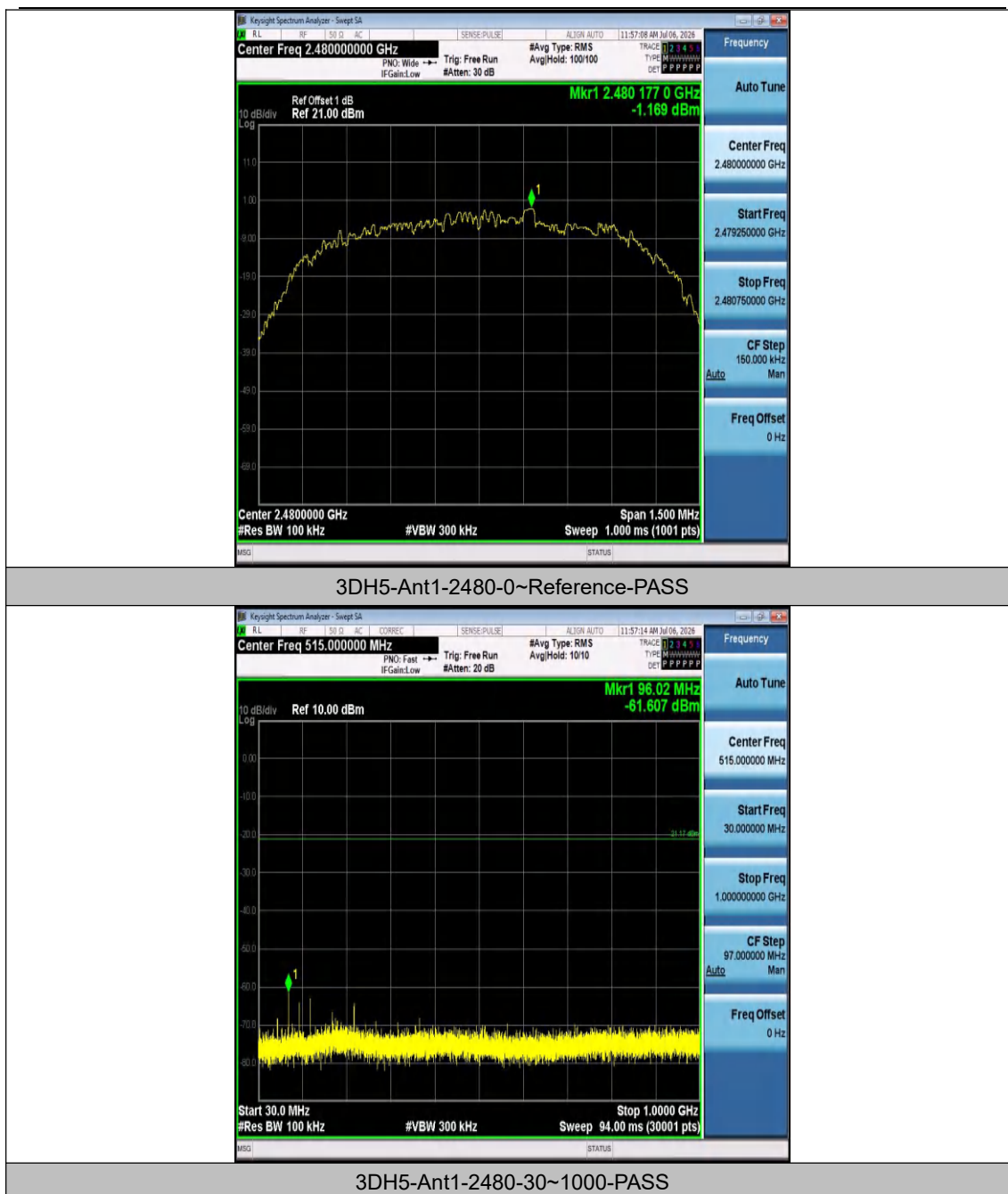




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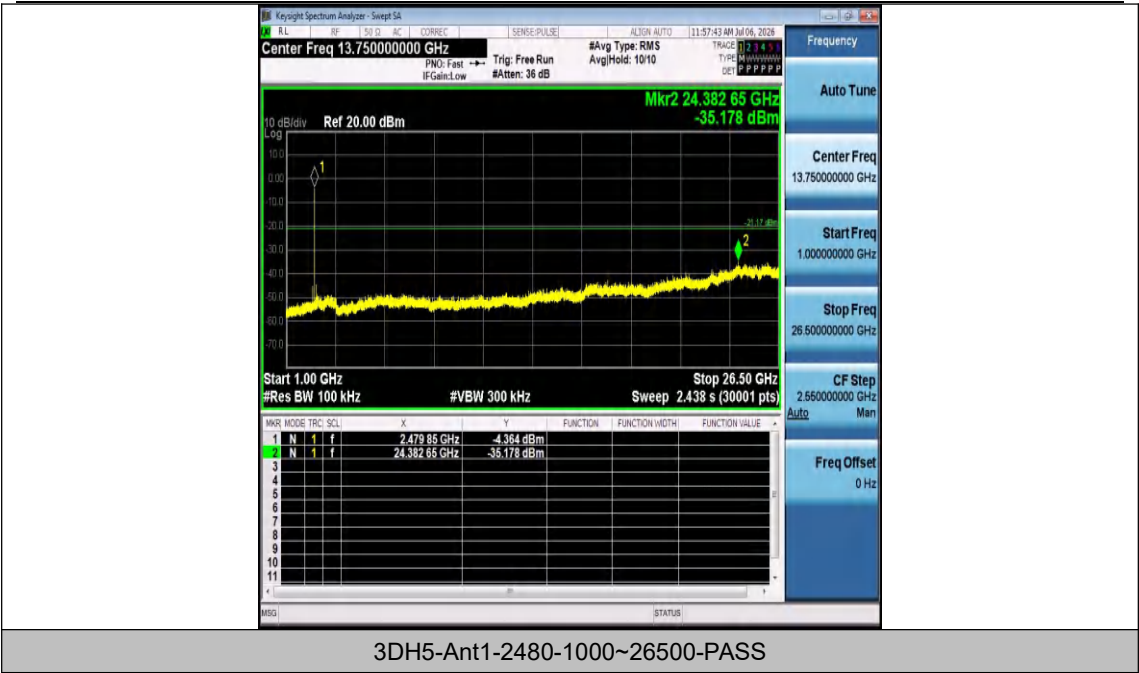
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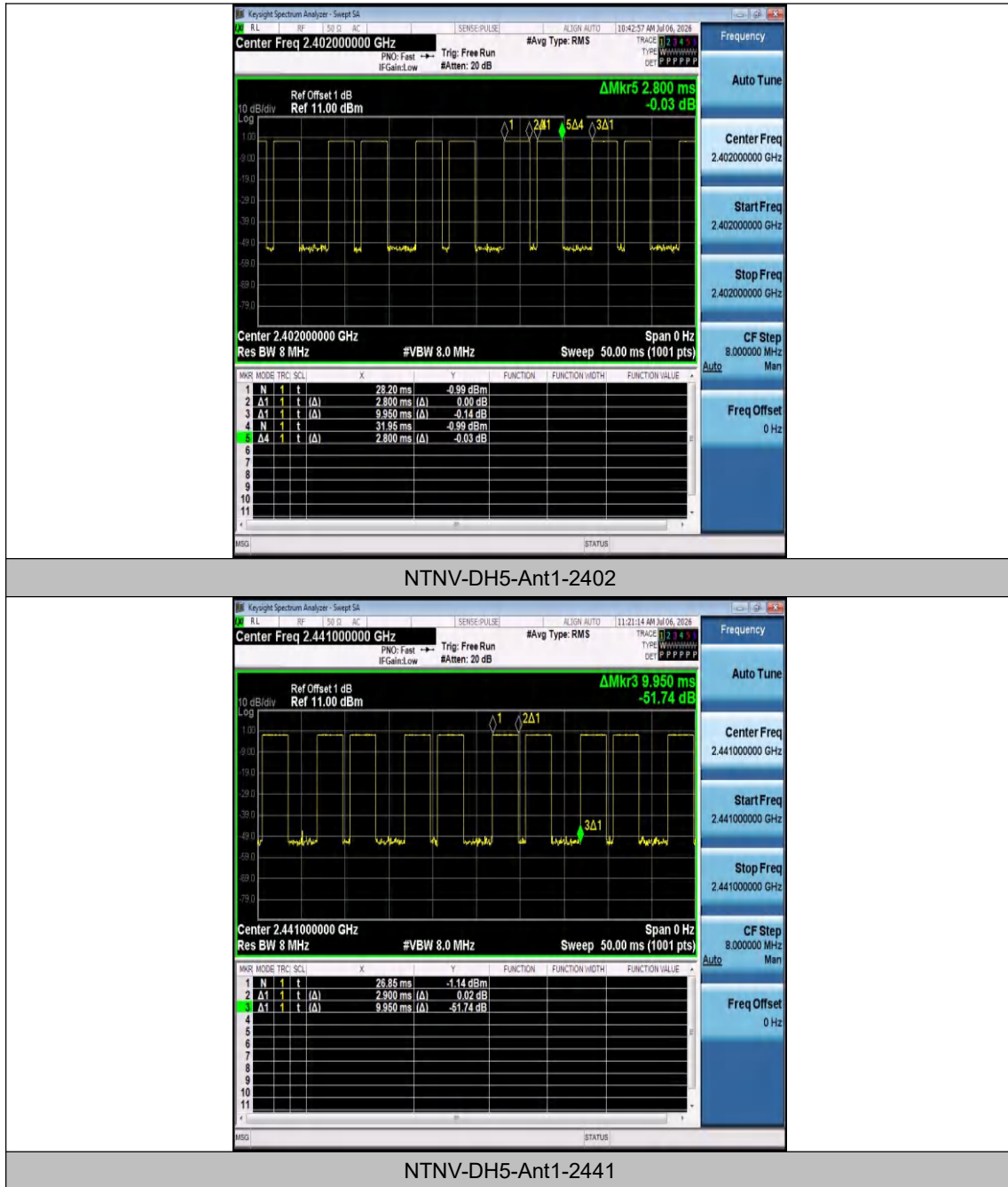
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Appendix I: Duty Cycle

Test Result

Test Mode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
DH5	Ant1	2402	5.60	9.95	56.28	2.50
DH5	Ant1	2441	5.80	9.95	58.29	2.34
DH5	Ant1	2480	5.80	9.95	58.29	2.34
2DH5	Ant1	2402	5.80	9.95	58.29	2.34
2DH5	Ant1	2441	5.80	9.95	58.29	2.34
2DH5	Ant1	2480	5.80	9.95	58.29	2.34
3DH5	Ant1	2402	5.80	10.00	58.00	2.37
3DH5	Ant1	2441	5.80	10.00	58.00	2.37
3DH5	Ant1	2480	5.80	10.00	58.00	2.37

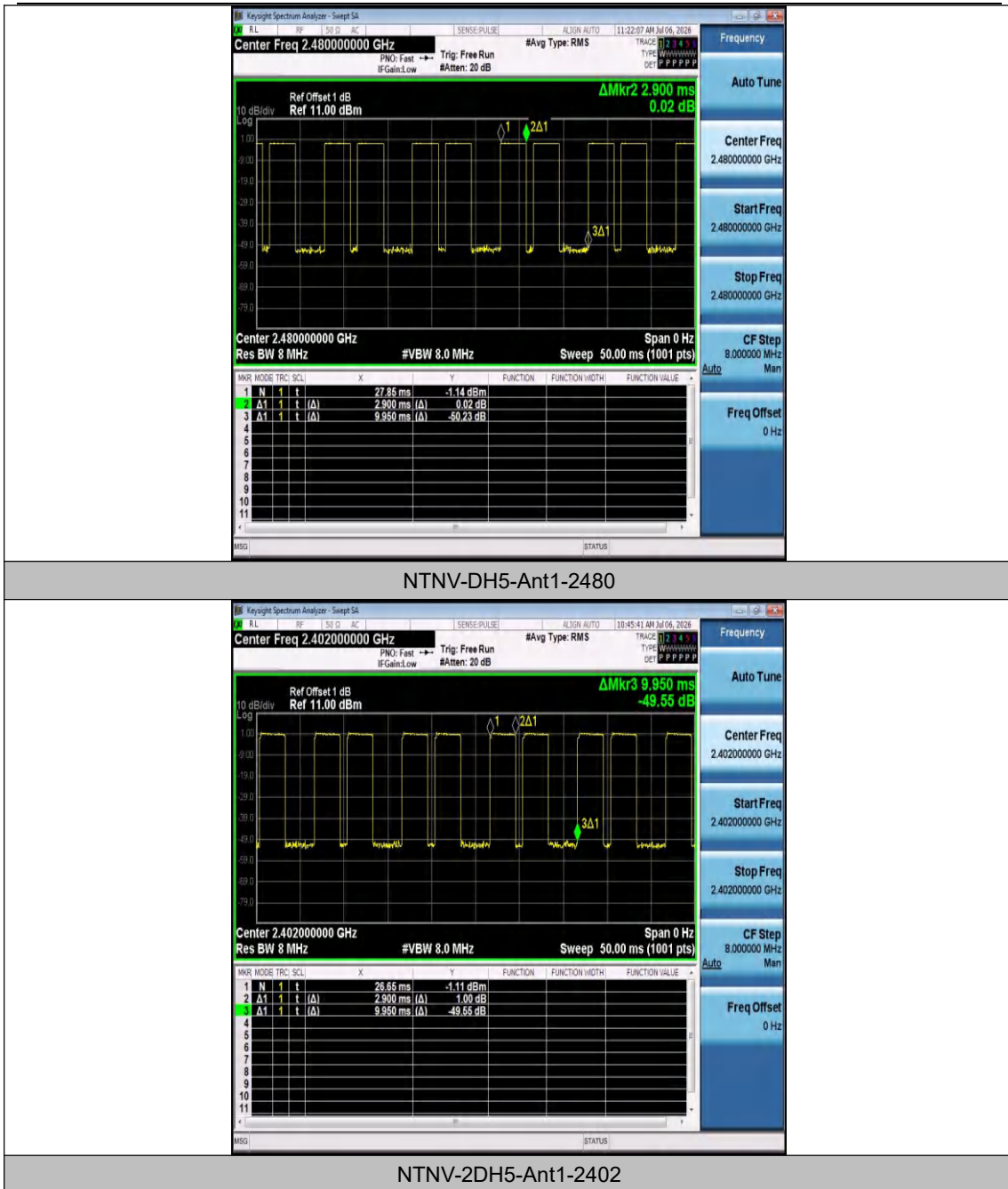
Test Graphs



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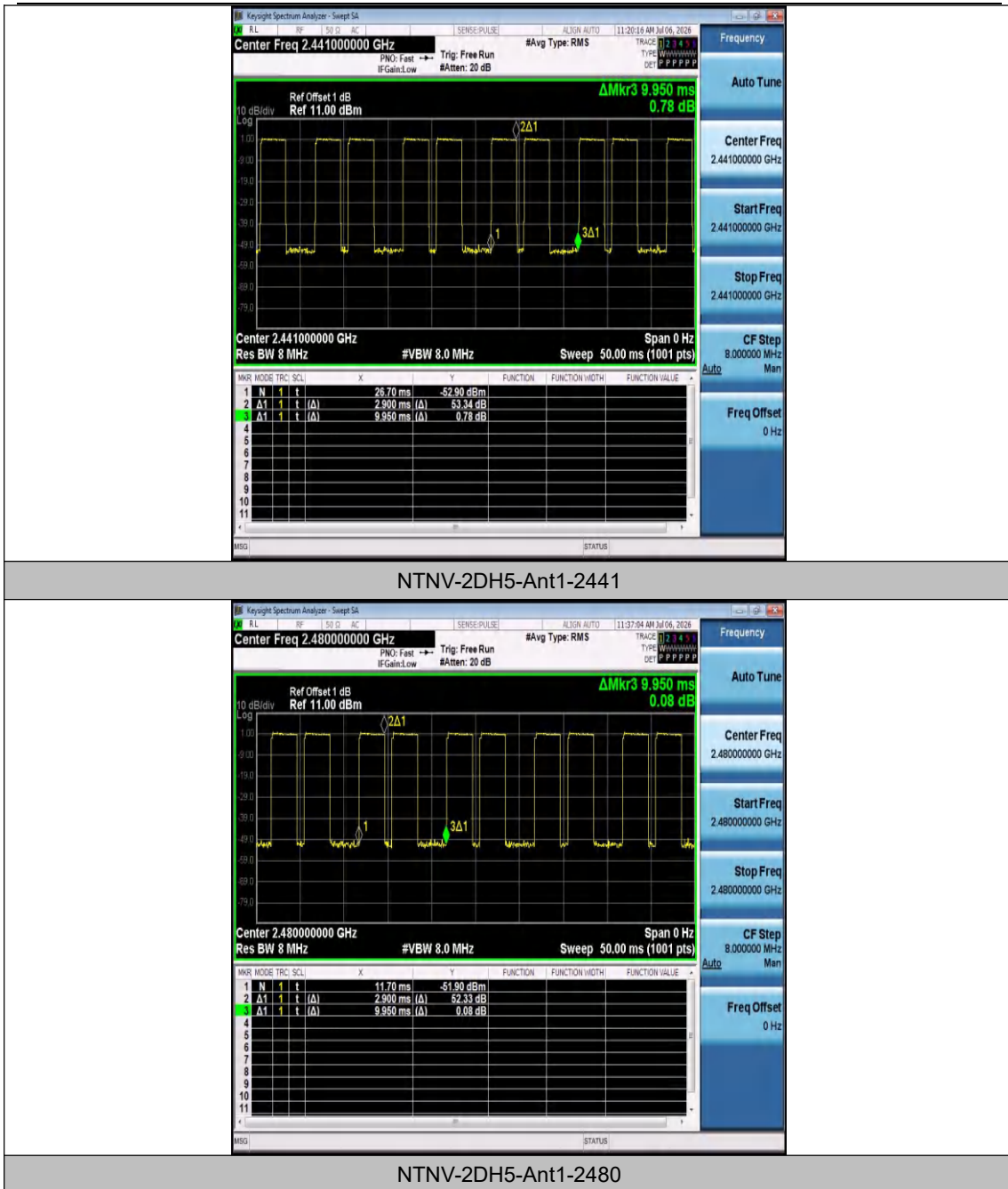
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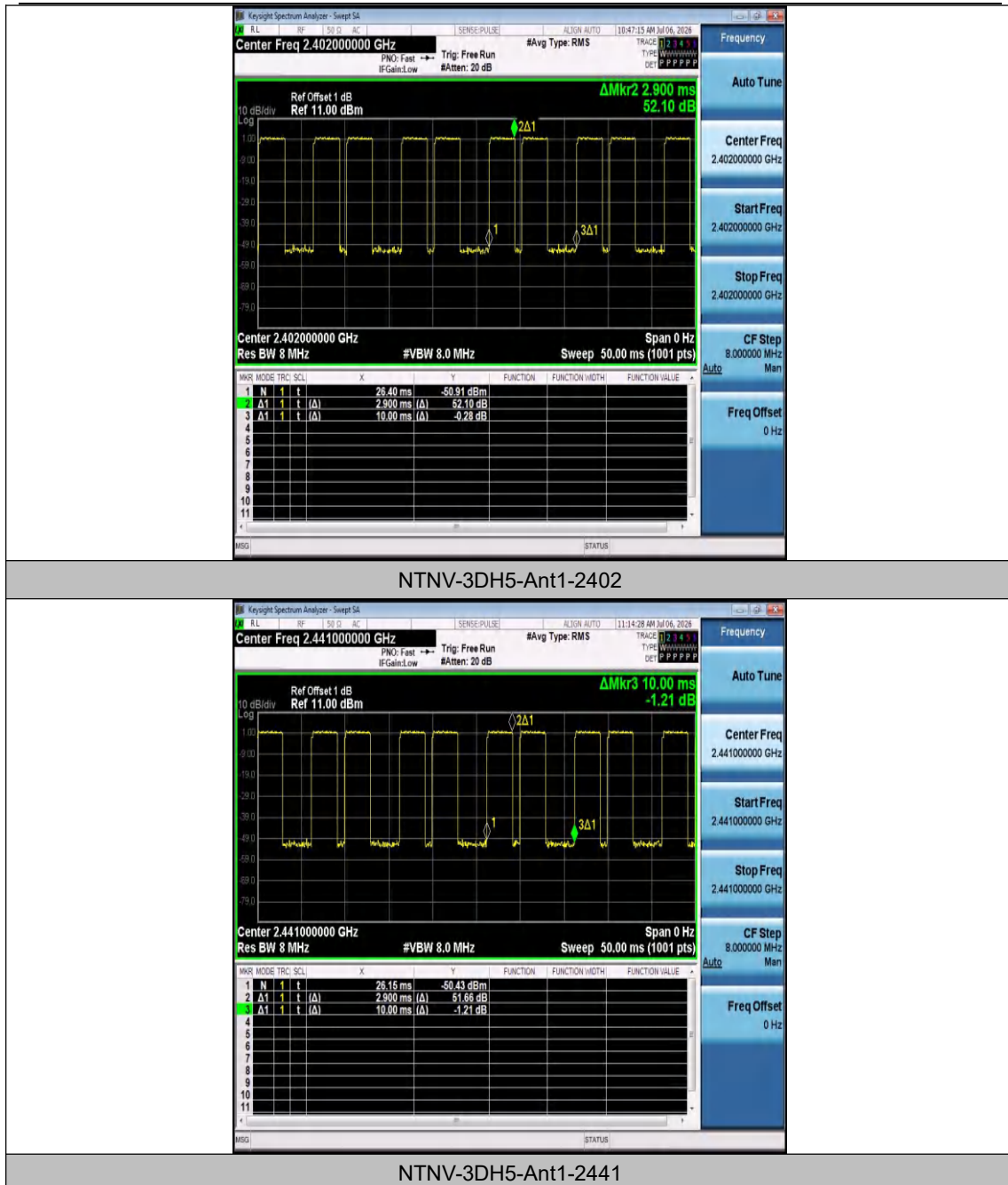
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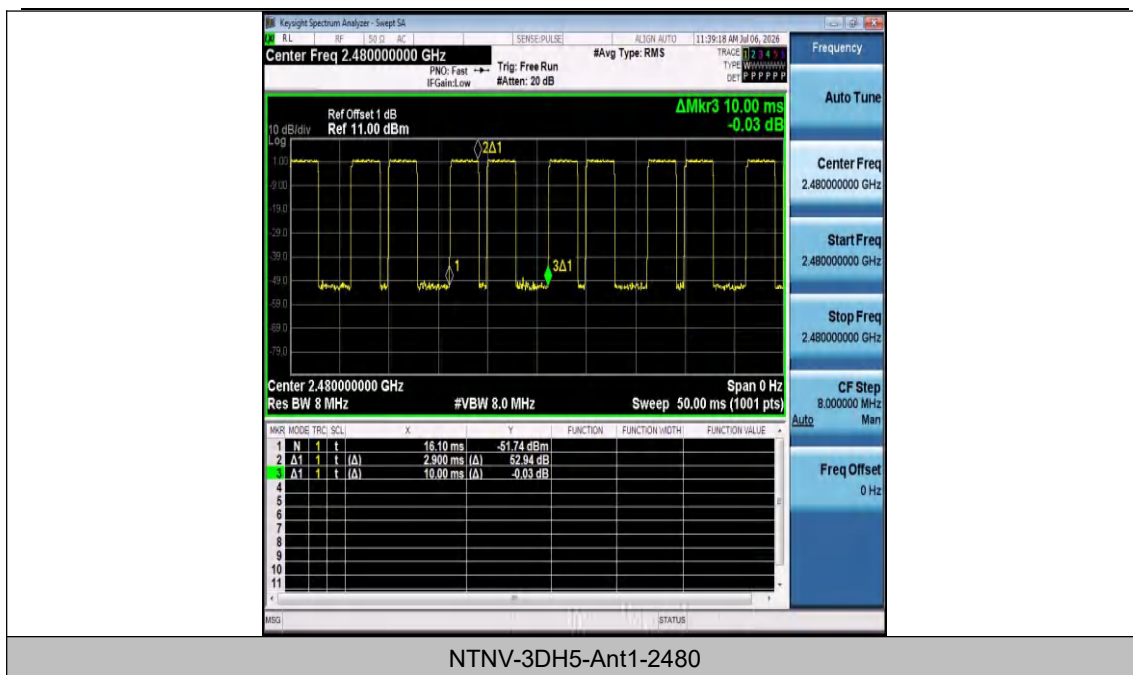


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---End---

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