

Appendix Test Data

Report No.:	1819C60014312501-01	Test Sample No.:	1-2-2
Start Test Date:	2026-2-3	Finish Test Date:	2026-2-6
Test Engineer:	<i>Alex Peng</i>	Auditor:	<i>Justin Feng</i>
Temperature:	19.2°C	Relative Humidity:	50%
Pressure:	101kPa		

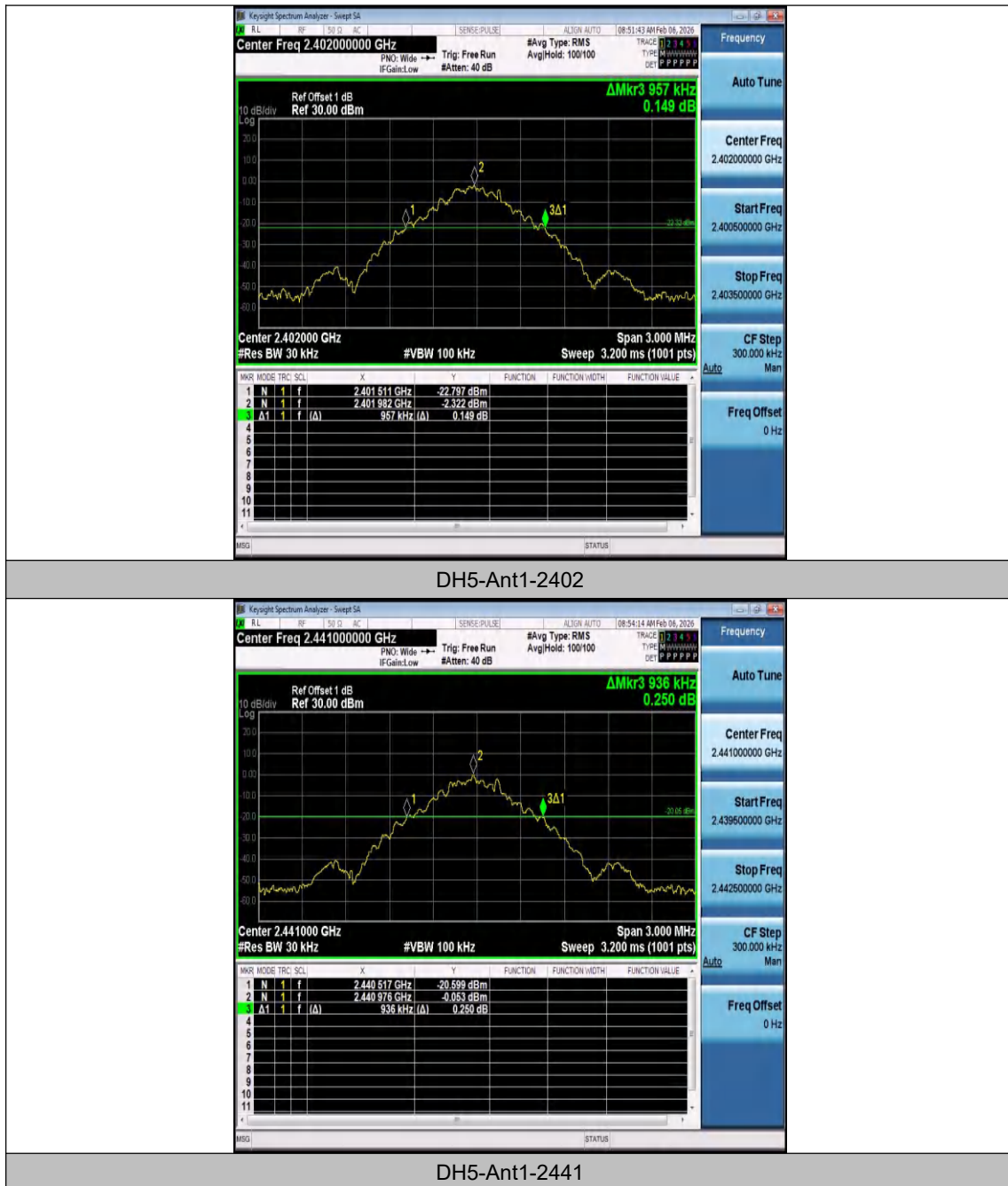


Appendix A: 20dB Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.957	2401.511	2402.468	---	---
DH5	Ant1	2441	0.936	2440.517	2441.453	---	---
DH5	Ant1	2480	0.954	2479.511	2480.465	---	---
2DH5	Ant1	2402	1.287	2401.340	2402.627	---	---
2DH5	Ant1	2441	1.194	2440.373	2441.567	---	---
2DH5	Ant1	2480	1.266	2479.358	2480.624	---	---
3DH5	Ant1	2402	1.200	2401.388	2402.588	---	---
3DH5	Ant1	2441	1.224	2440.352	2441.576	---	---
3DH5	Ant1	2480	1.272	2479.331	2480.603	---	---

Test Graphs



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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	0.85173	2401.5453	2402.3970	---	---
DH5	Ant1	2441	0.86597	2440.5383	2441.4043	---	---
DH5	Ant1	2480	0.88029	2479.5353	2480.4156	---	---
2DH5	Ant1	2402	1.1334	2401.4084	2402.5418	---	---
2DH5	Ant1	2441	1.1524	2440.3968	2441.5492	---	---
2DH5	Ant1	2480	1.1465	2479.3968	2480.5433	---	---
3DH5	Ant1	2402	1.1640	2401.3964	2402.5604	---	---
3DH5	Ant1	2441	1.1598	2440.3954	2441.5552	---	---
3DH5	Ant1	2480	1.1649	2479.3925	2480.5574	---	---

Test Graphs



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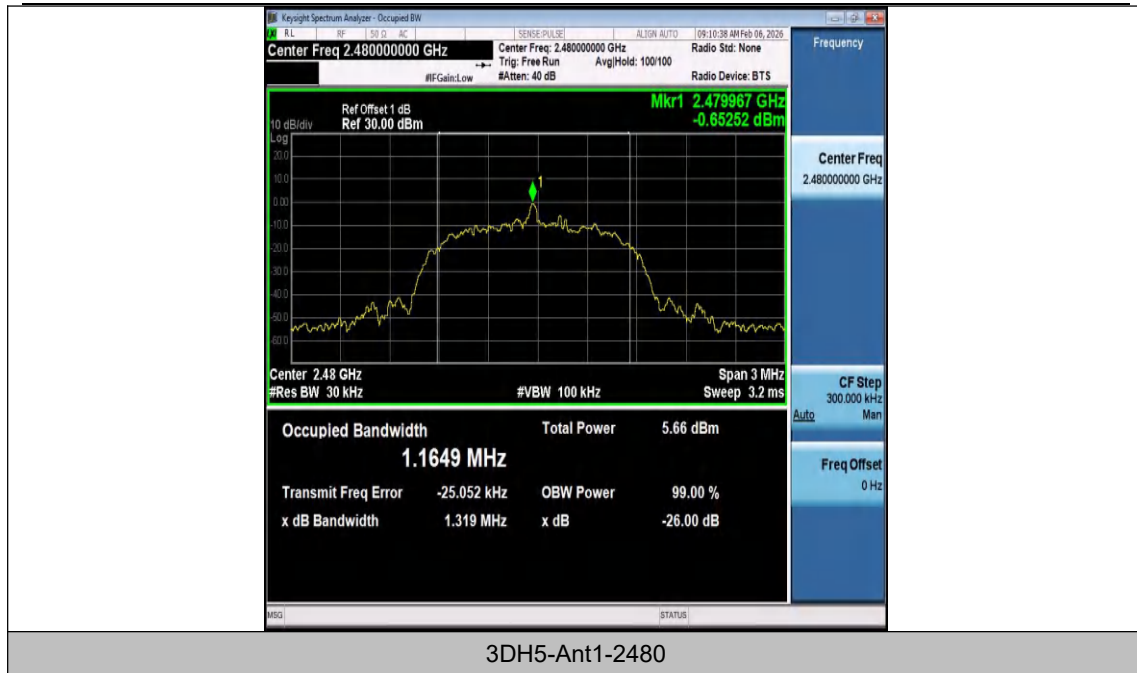
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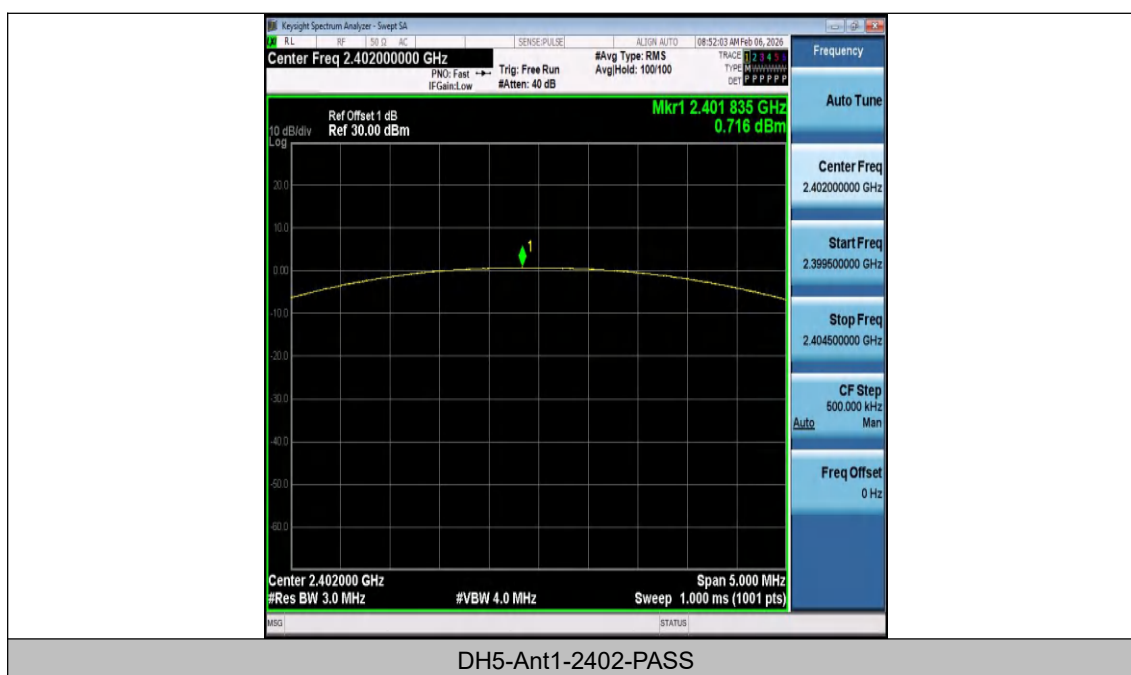
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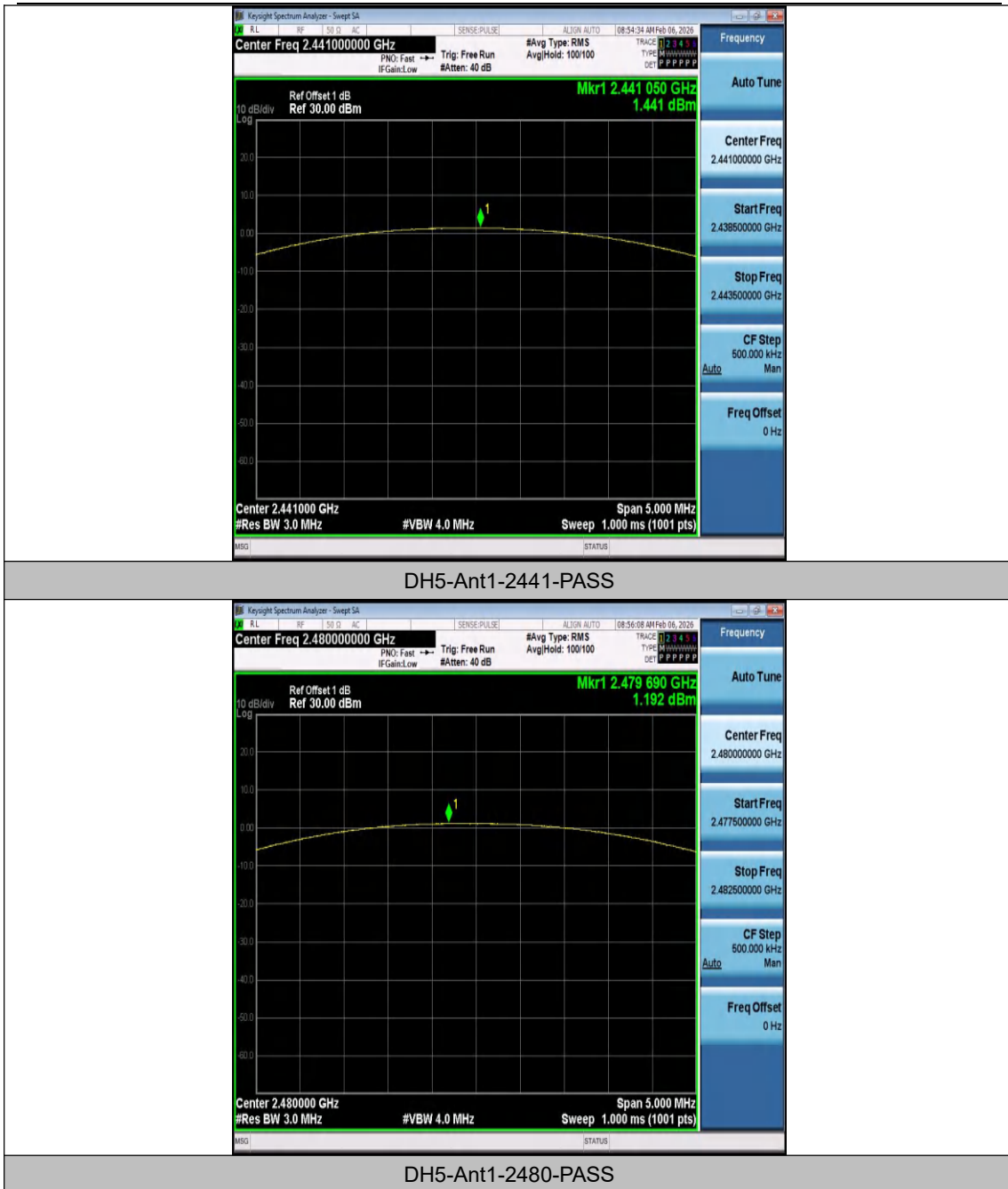
Appendix C: Maximum Conducted Output Power

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	1.44	≤20.97	PASS
DH5	Ant1	2480	1.19	≤20.97	PASS
2DH5	Ant1	2402	1.15	≤20.97	PASS
2DH5	Ant1	2441	1.38	≤20.97	PASS
2DH5	Ant1	2480	1.22	≤20.97	PASS
3DH5	Ant1	2402	1.14	≤20.97	PASS
3DH5	Ant1	2441	1.37	≤20.97	PASS
3DH5	Ant1	2480	1.24	≤20.97	PASS

Test Graphs

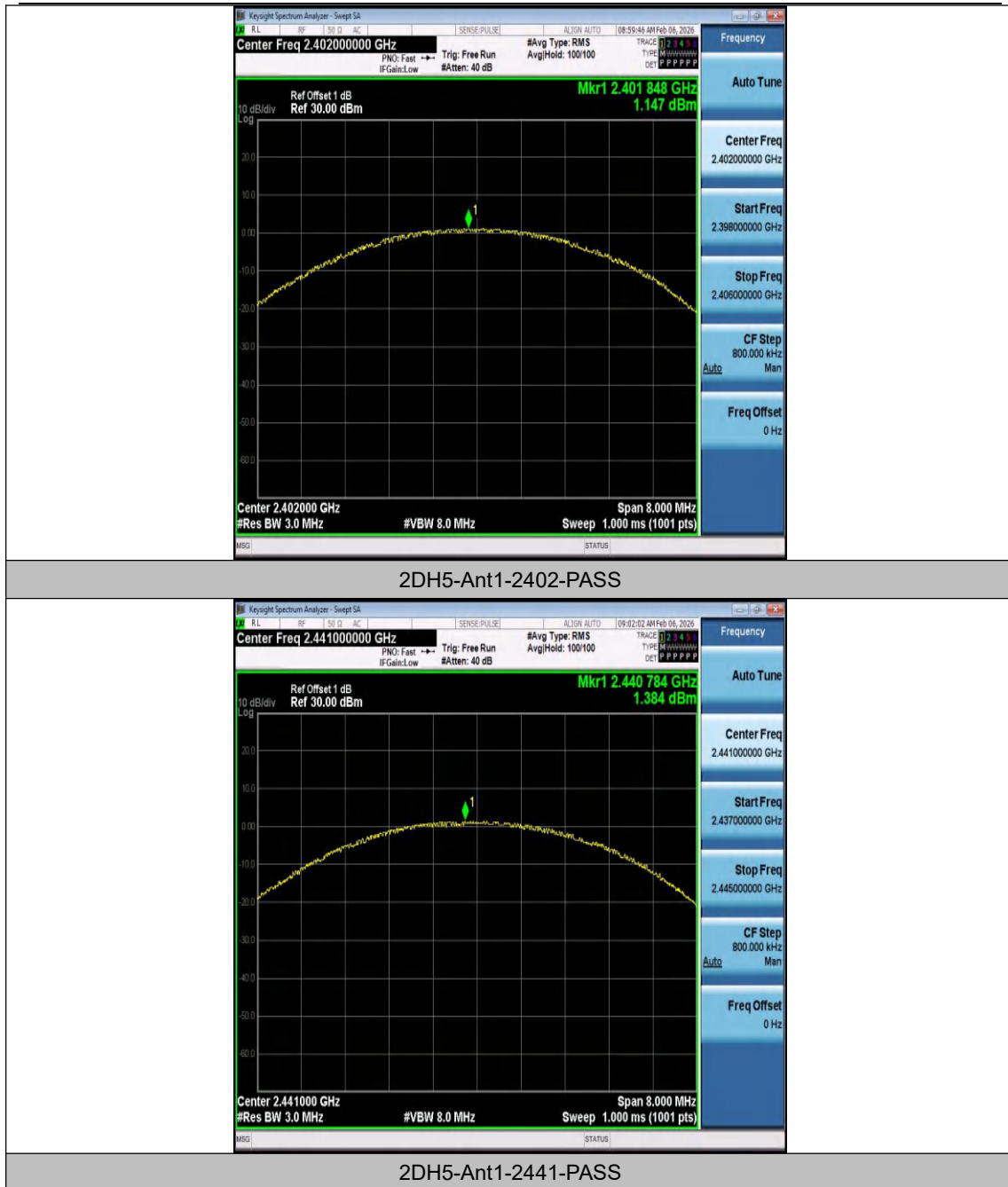




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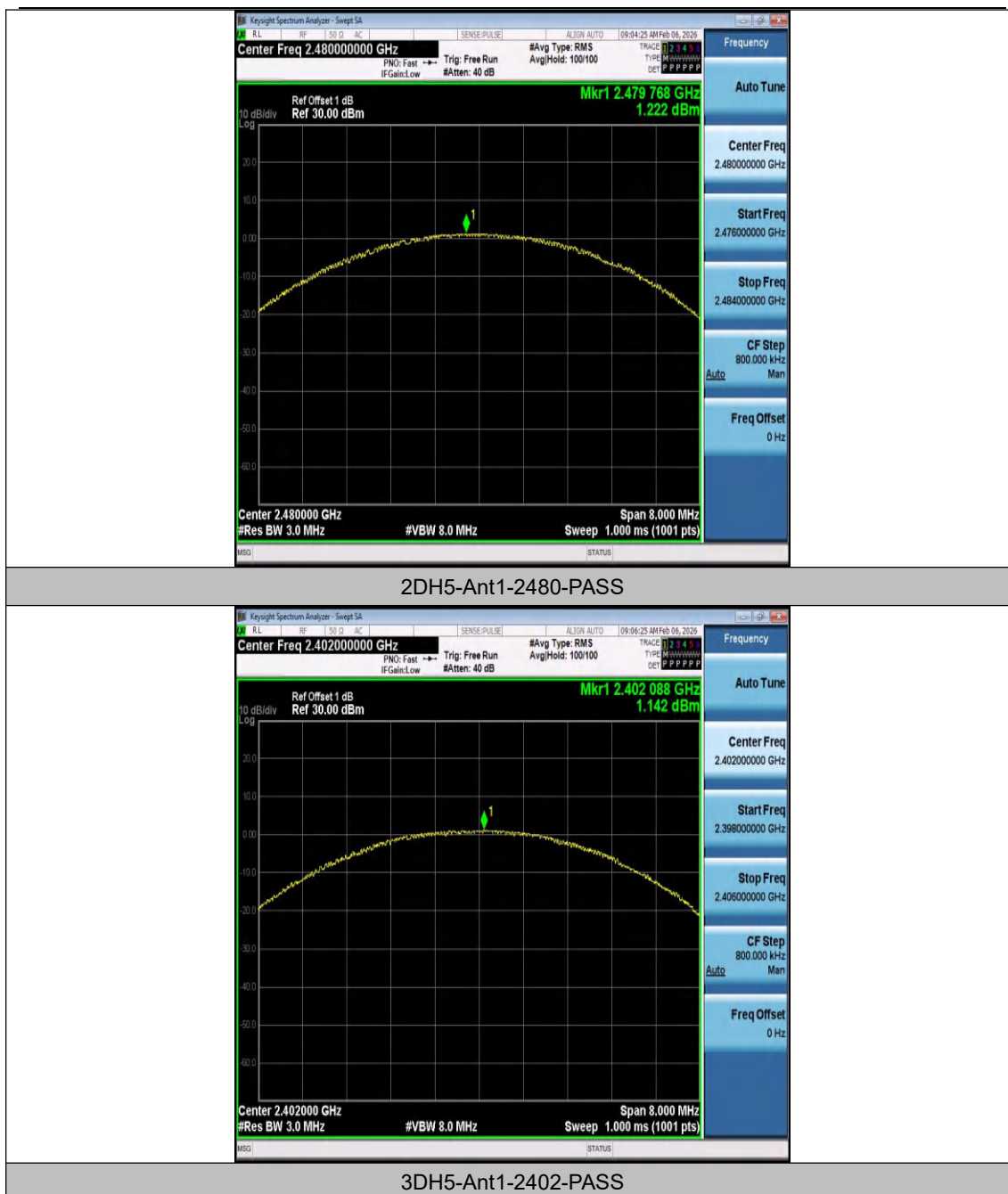
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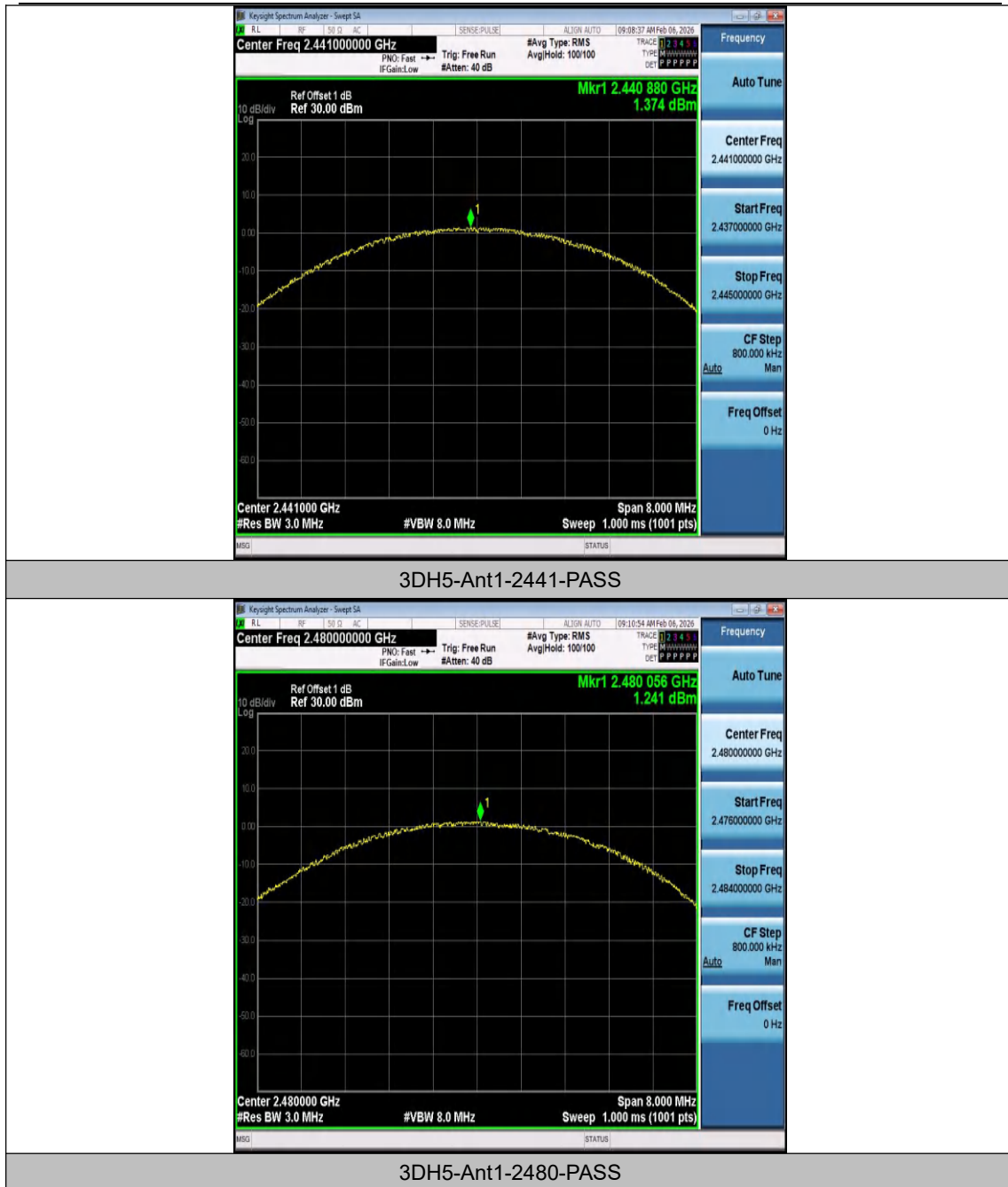
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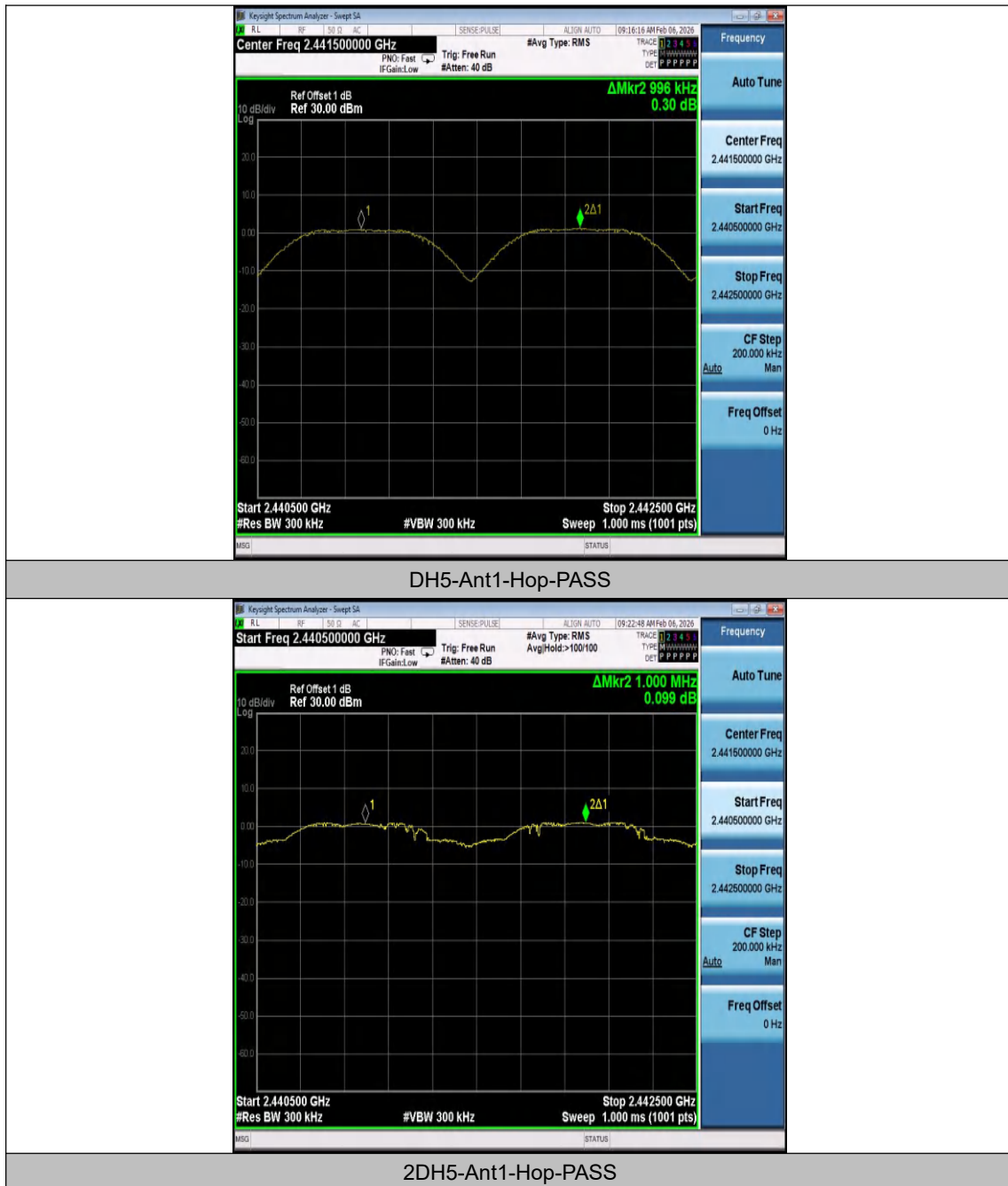
Appendix D: Carrier frequency separation

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	0.996	≥ 0.638	PASS
2DH5	Ant1	Hop	1.000	≥ 0.858	PASS
3DH5	Ant1	Hop	1.016	≥ 0.848	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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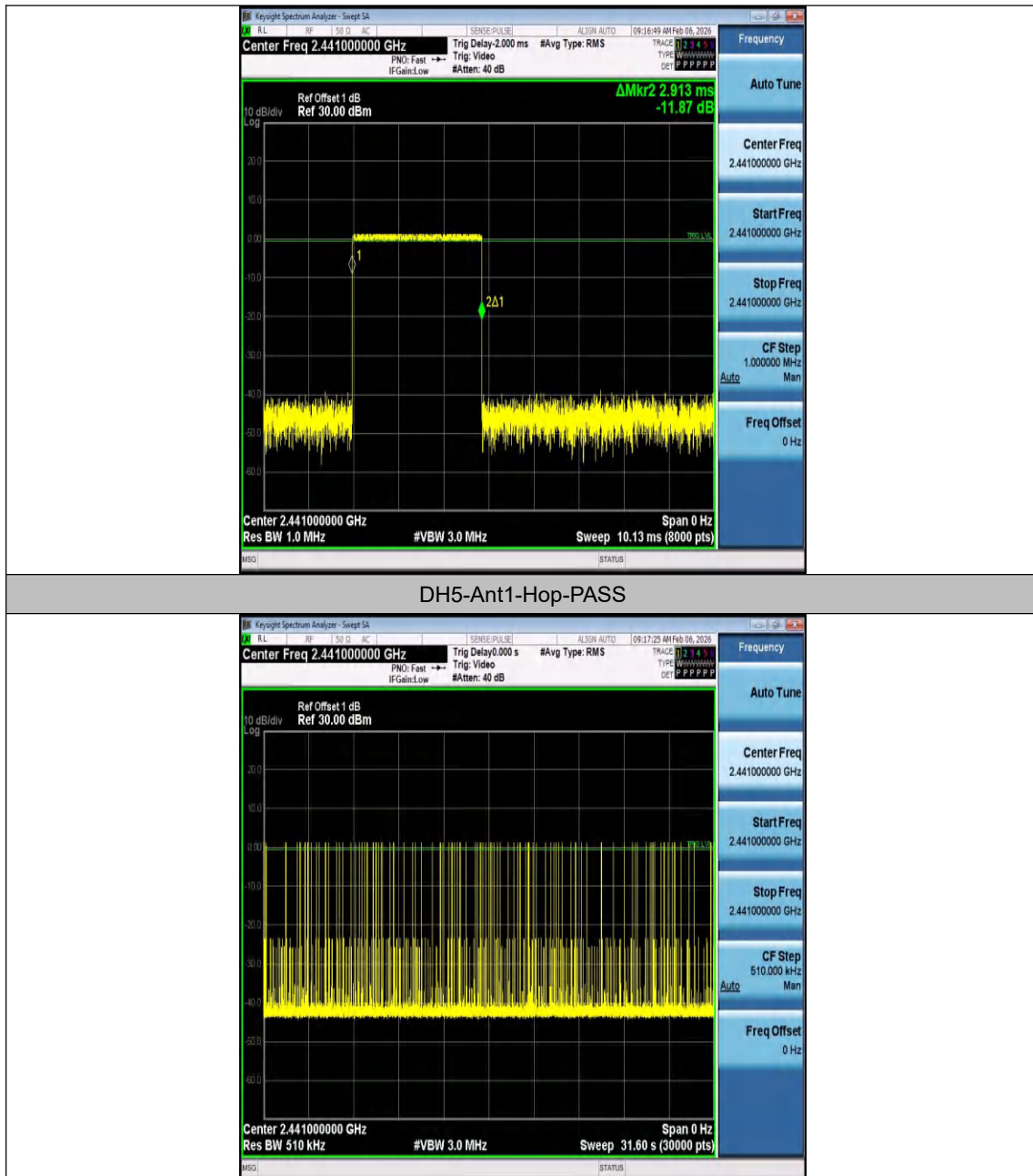
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Appendix E: Dwell Time

Test Result

Test Mode	Antenna	Frequency [MHz]	Burst Width [ms]	Total Hops [Num]	Result [s]	Limit [s]	Verdict
DH5	Ant1	Hop	2.913	100	0.291	≤0.4	PASS
2DH5	Ant1	Hop	2.918	107	0.312	≤0.4	PASS
3DH5	Ant1	Hop	2.920	106	0.310	≤0.4	PASS

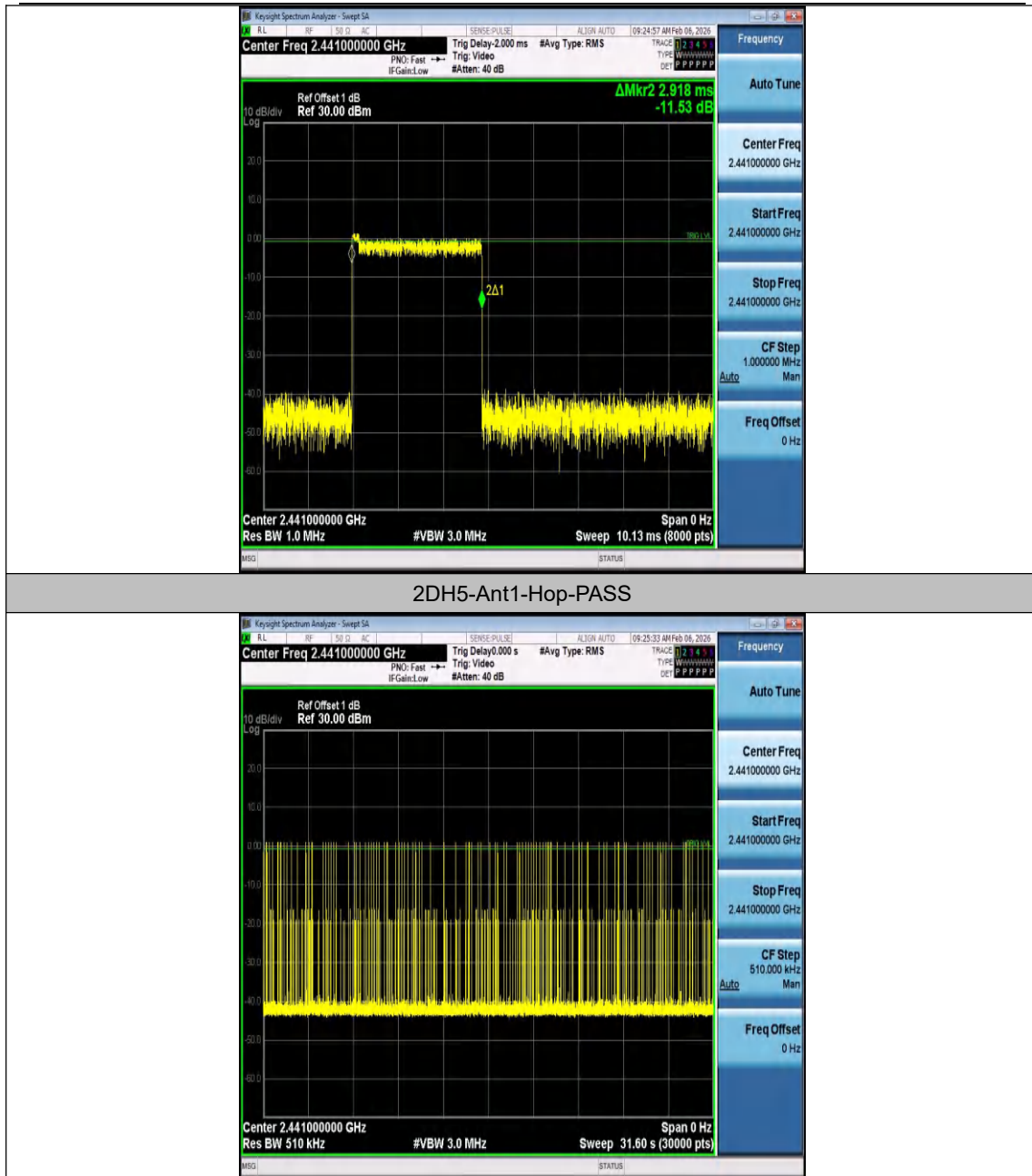
Test Graphs



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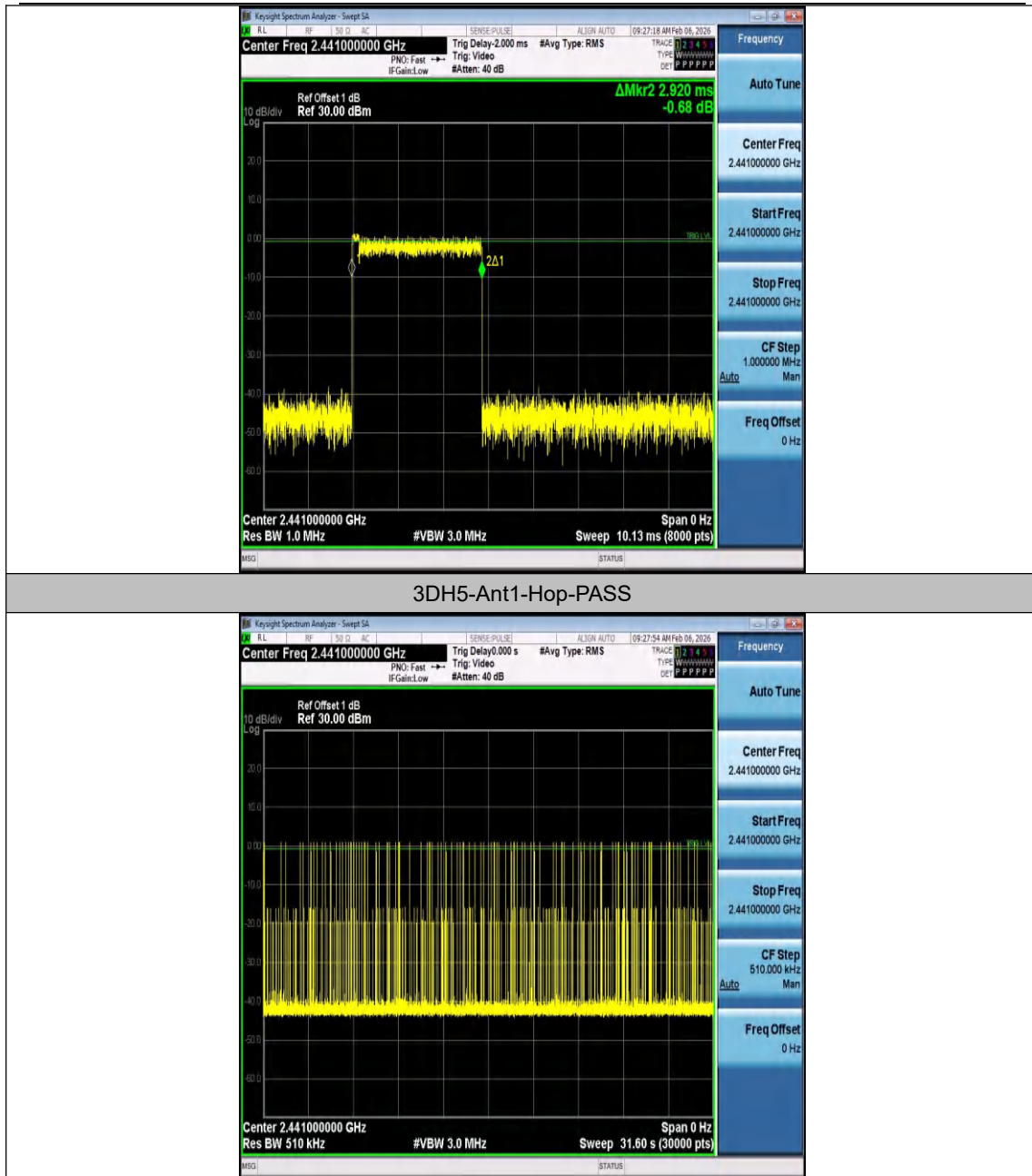
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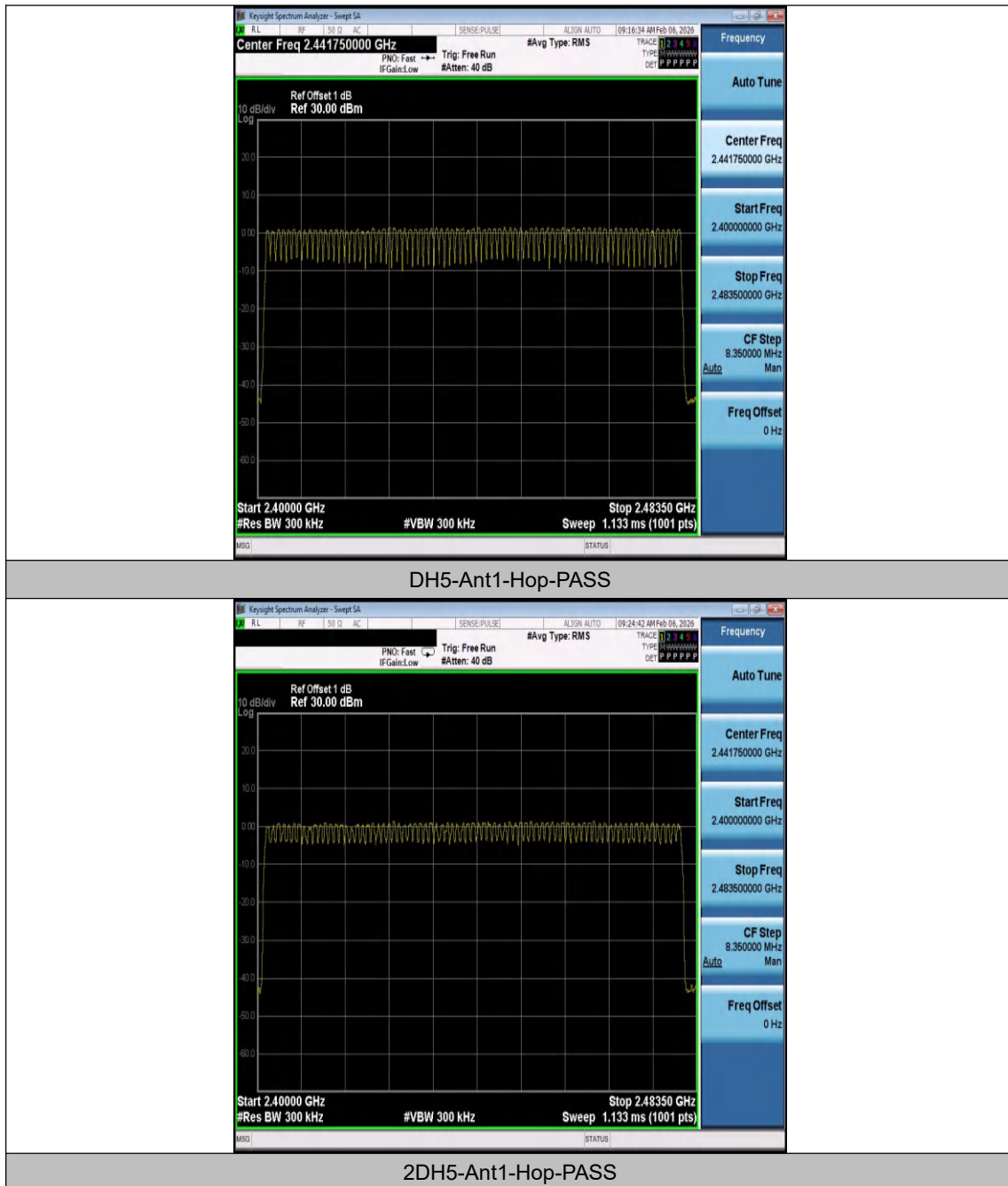
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Appendix F: Number of Hopping Channel

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

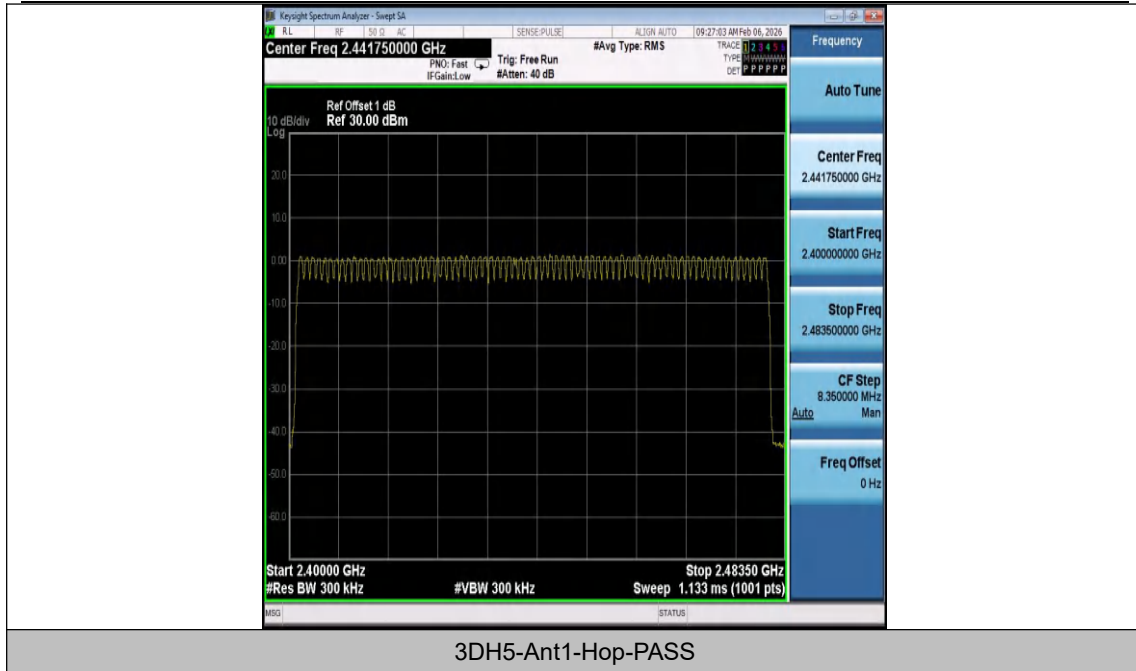
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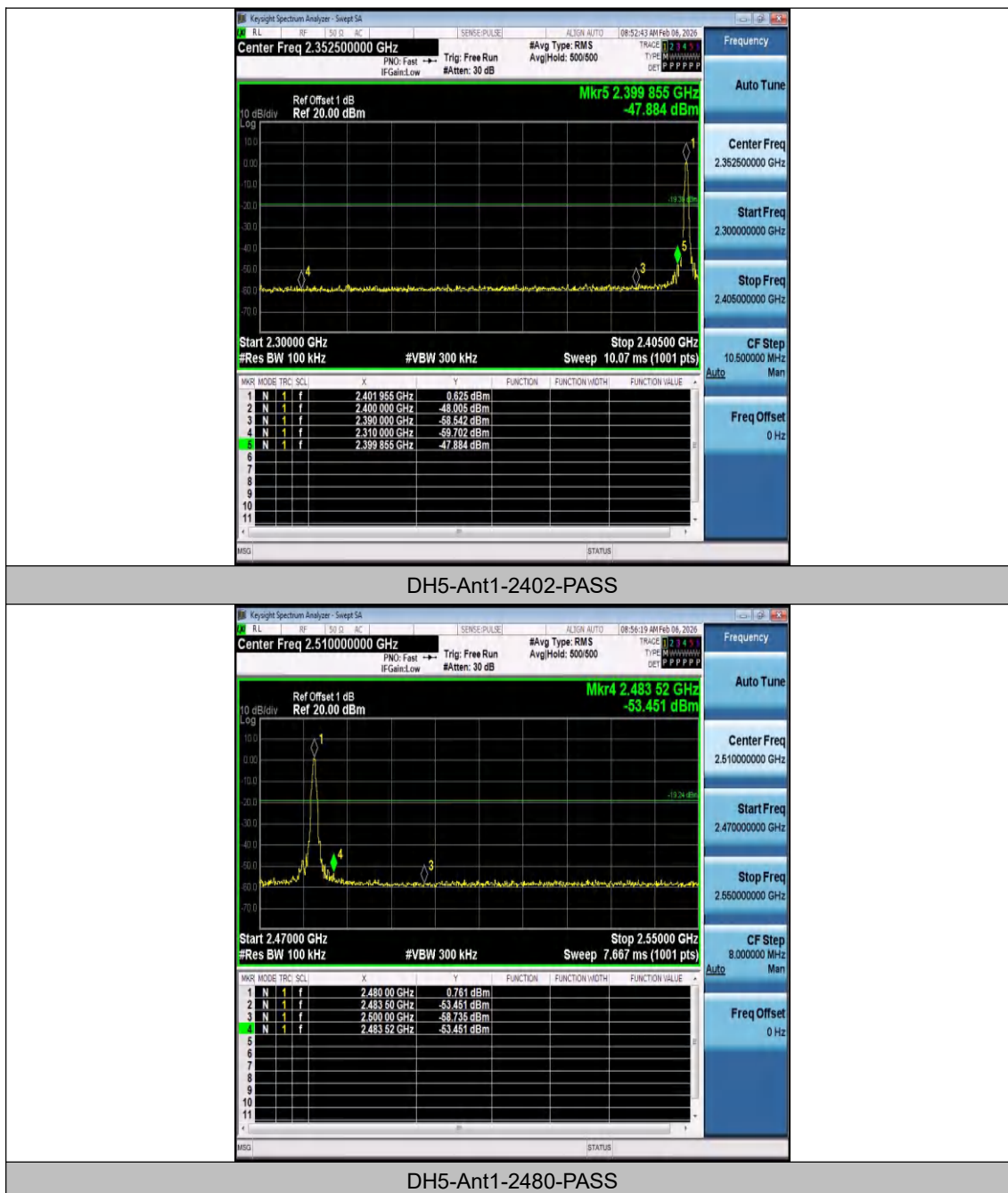
Appendix G: Conducted Band edge

Test Result

Test Mode	Antenna	Ch. Name	Frequency [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	0.63	-47.88	≤-19.38	PASS
DH5	Ant1	High	2480	0.76	-53.45	≤-19.24	PASS
DH5	Ant1	Low	Hop_2402	-0.59	-56.55	≤-20.59	PASS
DH5	Ant1	High	Hop_2480	0.35	-56.29	≤-19.65	PASS
2DH5	Ant1	Low	2402	0.28	-50.67	≤-19.72	PASS
2DH5	Ant1	High	2480	0.48	-55.66	≤-19.52	PASS
2DH5	Ant1	Low	Hop_2402	-1.15	-56.12	≤-21.15	PASS
2DH5	Ant1	High	Hop_2480	-2.67	-56.34	≤-22.67	PASS
3DH5	Ant1	Low	2402	0.14	-49.33	≤-19.86	PASS
3DH5	Ant1	High	2480	0.60	-56.08	≤-19.4	PASS
3DH5	Ant1	Low	Hop_2402	0.39	-57.06	≤-19.61	PASS
3DH5	Ant1	High	Hop_2480	-0.46	-55.77	≤-20.46	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.

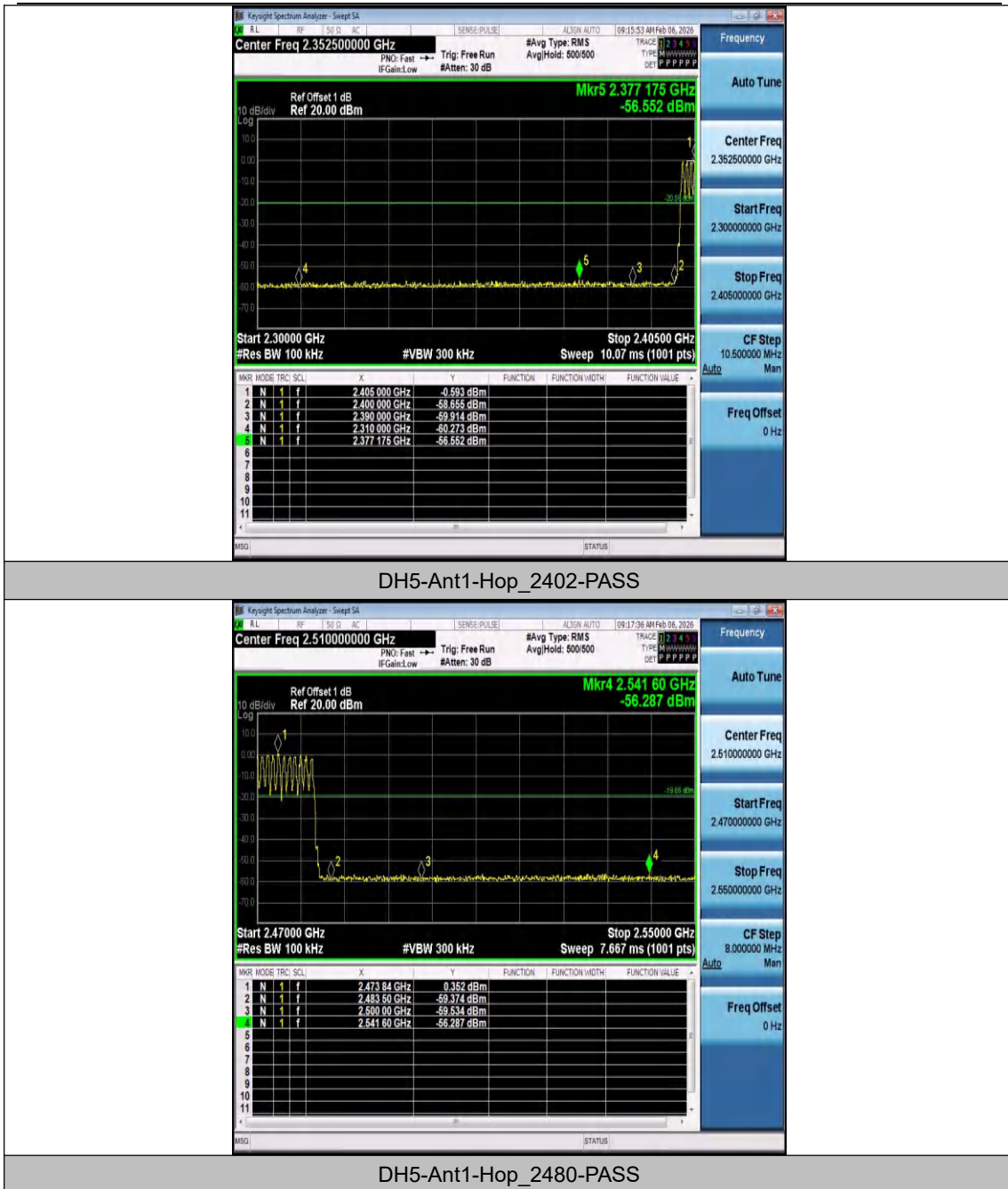
Test Graphs



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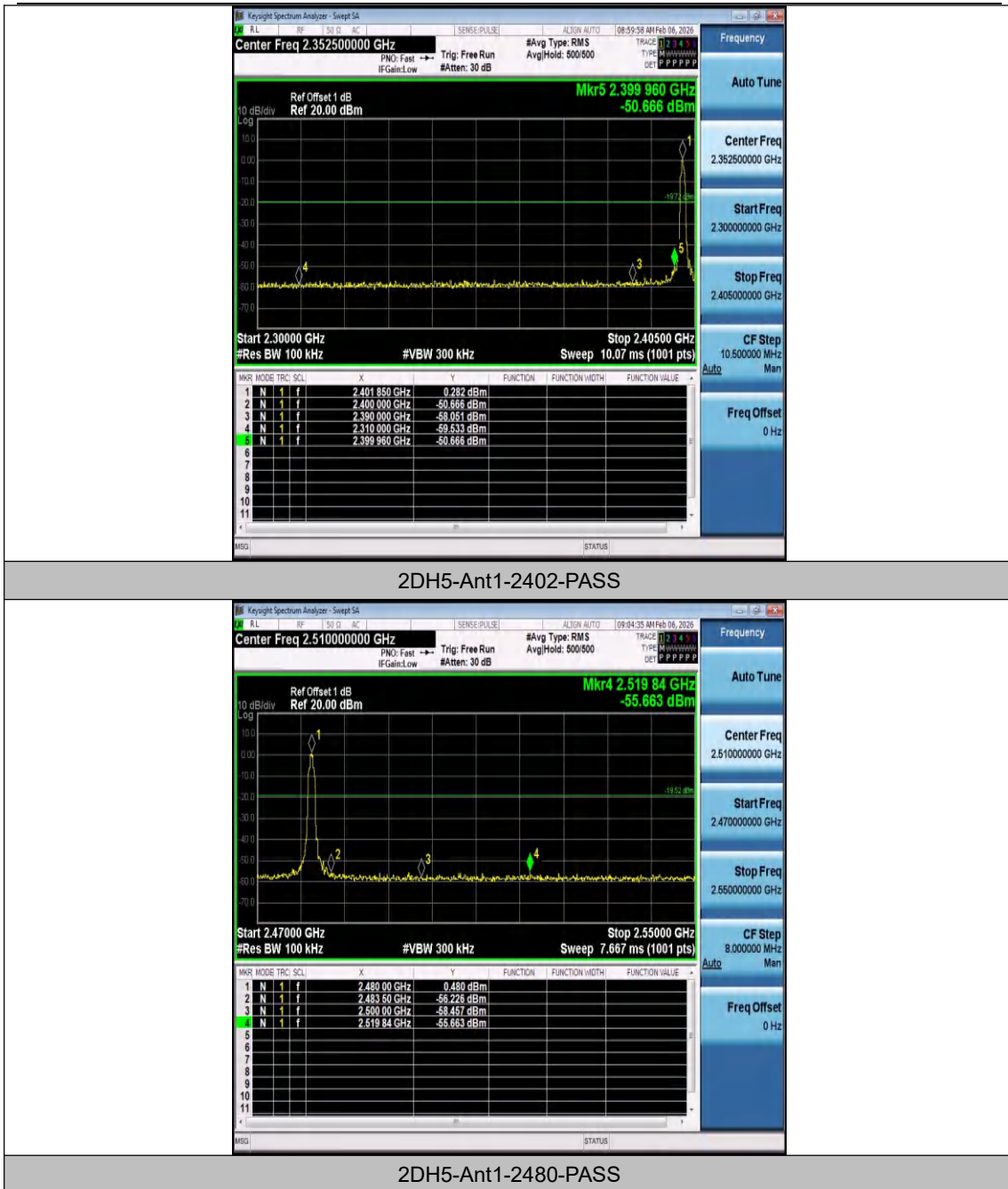
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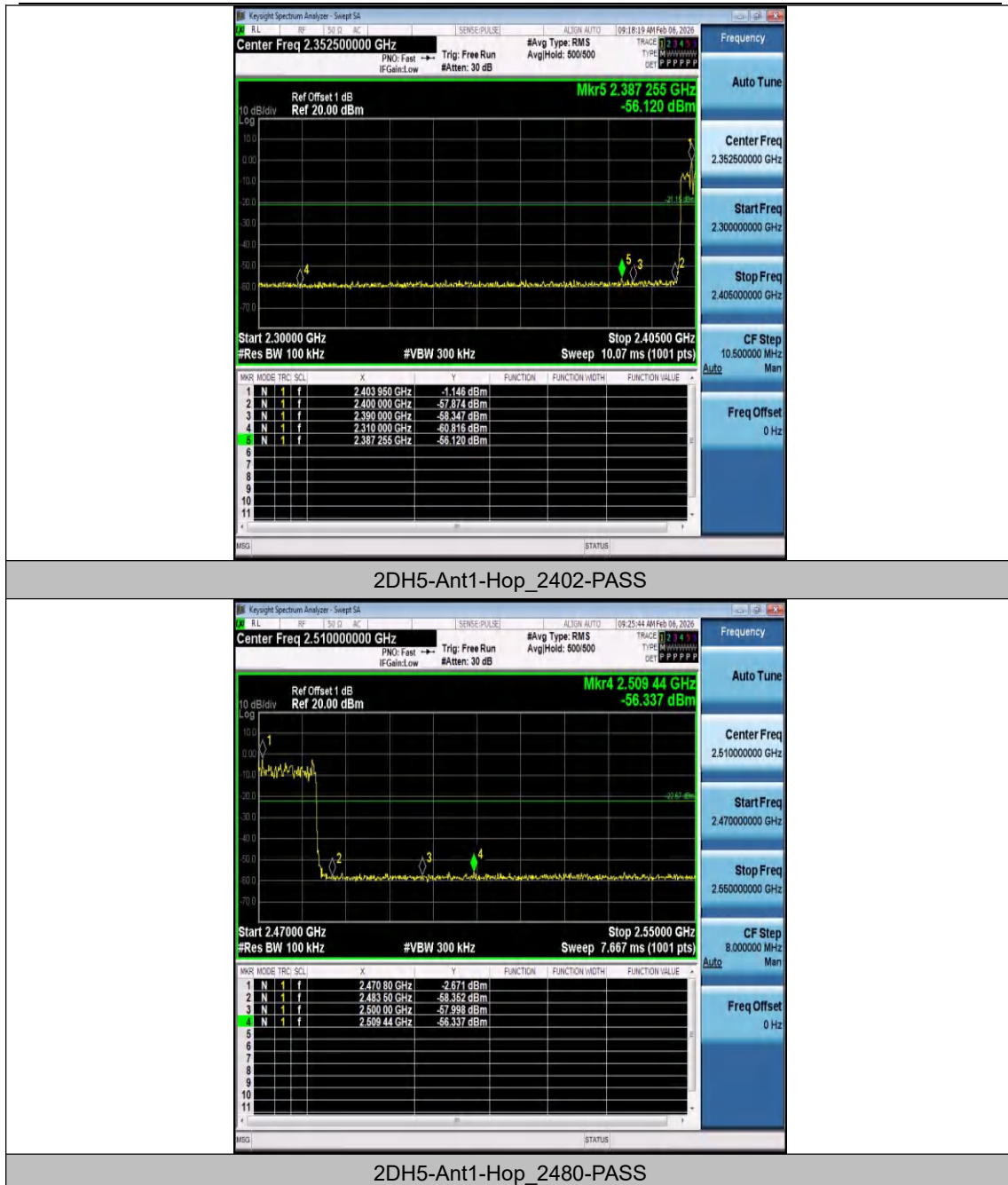
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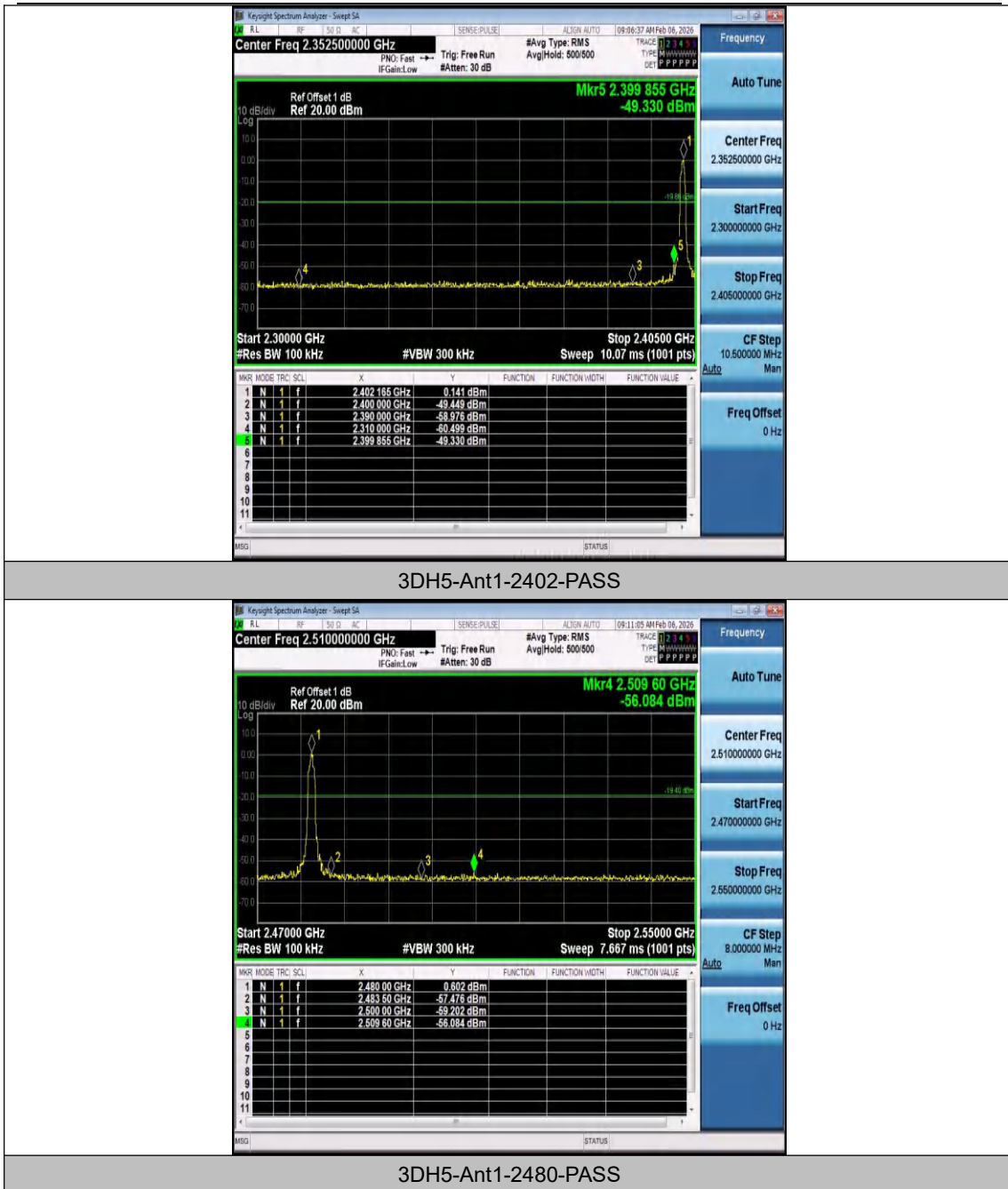


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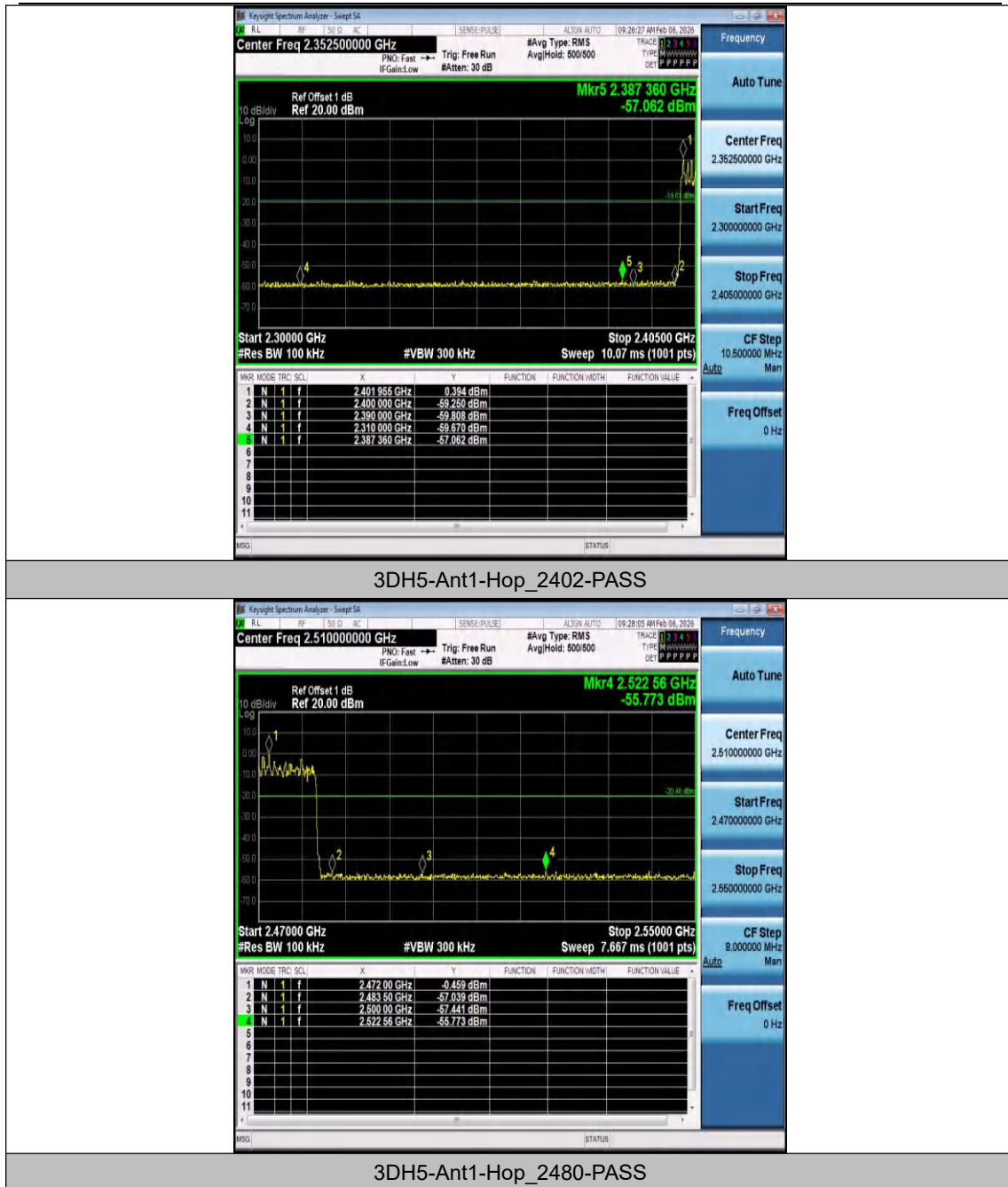




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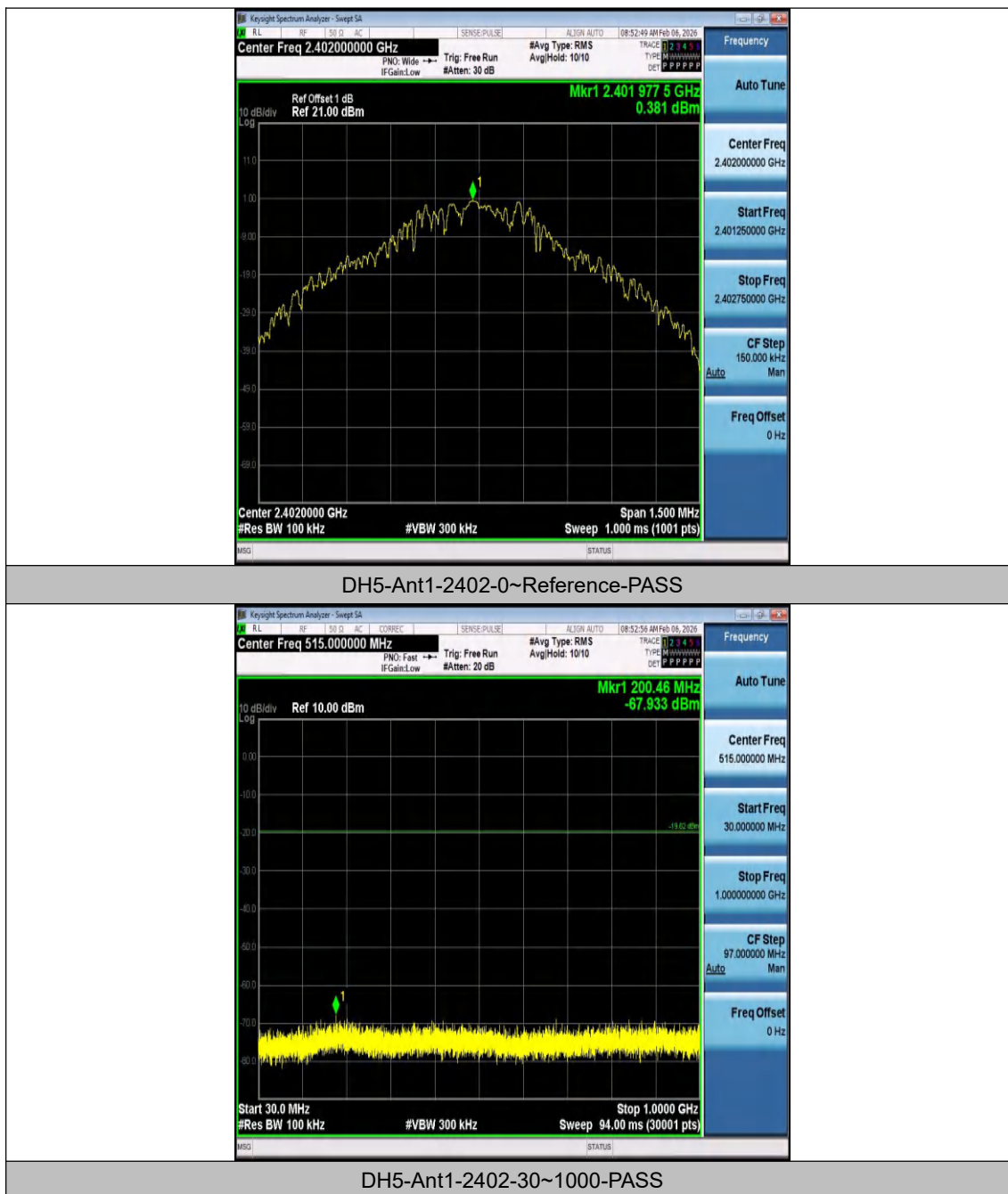
Appendix H: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency[MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	0~Reference	0.38	0.38	---	PASS
DH5	Ant1	2402	30~1000	0.38	-67.93	≤-19.62	PASS
DH5	Ant1	2402	1000~26500	0.38	-29.52	≤-19.62	PASS
DH5	Ant1	2441	0~Reference	0.37	0.37	---	PASS
DH5	Ant1	2441	30~1000	0.37	-67.51	≤-19.63	PASS
DH5	Ant1	2441	1000~26500	0.37	-29.99	≤-19.63	PASS
DH5	Ant1	2480	0~Reference	0.17	0.17	---	PASS
DH5	Ant1	2480	30~1000	0.17	-68.67	≤-19.83	PASS
DH5	Ant1	2480	1000~26500	0.17	-27.35	≤-19.83	PASS
2DH5	Ant1	2402	0~Reference	-4.40	-4.40	---	PASS
2DH5	Ant1	2402	30~1000	-4.40	-68.97	≤-24.4	PASS
2DH5	Ant1	2402	1000~26500	-4.40	-29.97	≤-24.4	PASS
2DH5	Ant1	2441	0~Reference	-4.75	-4.75	---	PASS
2DH5	Ant1	2441	30~1000	-4.75	-67.17	≤-24.75	PASS
2DH5	Ant1	2441	1000~26500	-4.75	-35.58	≤-24.75	PASS
2DH5	Ant1	2480	0~Reference	-5.64	-5.64	---	PASS
2DH5	Ant1	2480	30~1000	-5.64	-68.85	≤-25.64	PASS
2DH5	Ant1	2480	1000~26500	-5.64	-32.69	≤-25.64	PASS
3DH5	Ant1	2402	0~Reference	-1.56	-1.56	---	PASS
3DH5	Ant1	2402	30~1000	-1.56	-68.62	≤-21.56	PASS
3DH5	Ant1	2402	1000~26500	-1.56	-31.17	≤-21.56	PASS
3DH5	Ant1	2441	0~Reference	-5.05	-5.05	---	PASS
3DH5	Ant1	2441	30~1000	-5.05	-68.42	≤-25.05	PASS
3DH5	Ant1	2441	1000~26500	-5.05	-36.03	≤-25.05	PASS
3DH5	Ant1	2480	0~Reference	0.24	0.24	---	PASS
3DH5	Ant1	2480	30~1000	0.24	-67.94	≤-19.76	PASS
3DH5	Ant1	2480	1000~26500	0.24	-35.26	≤-19.76	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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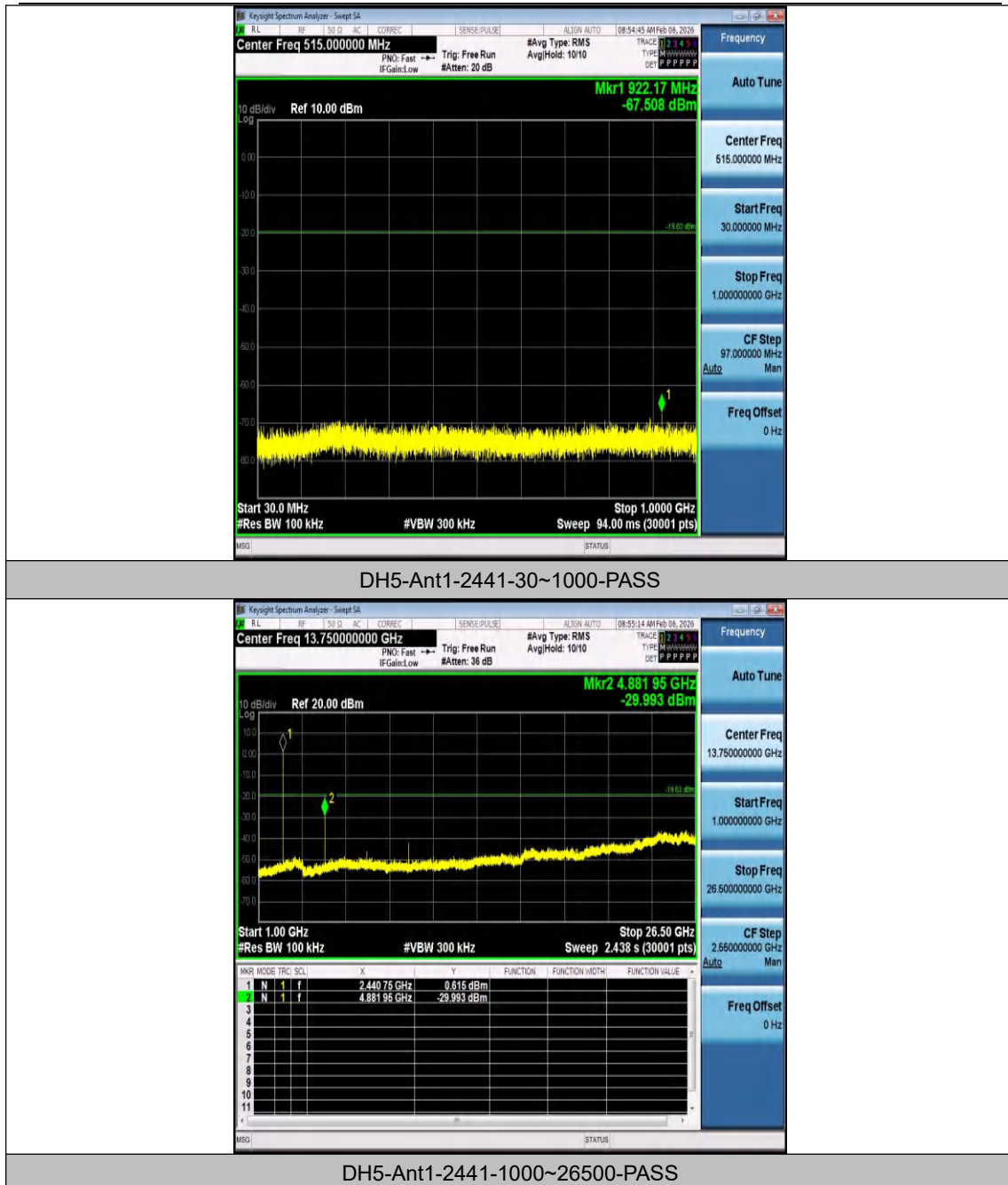
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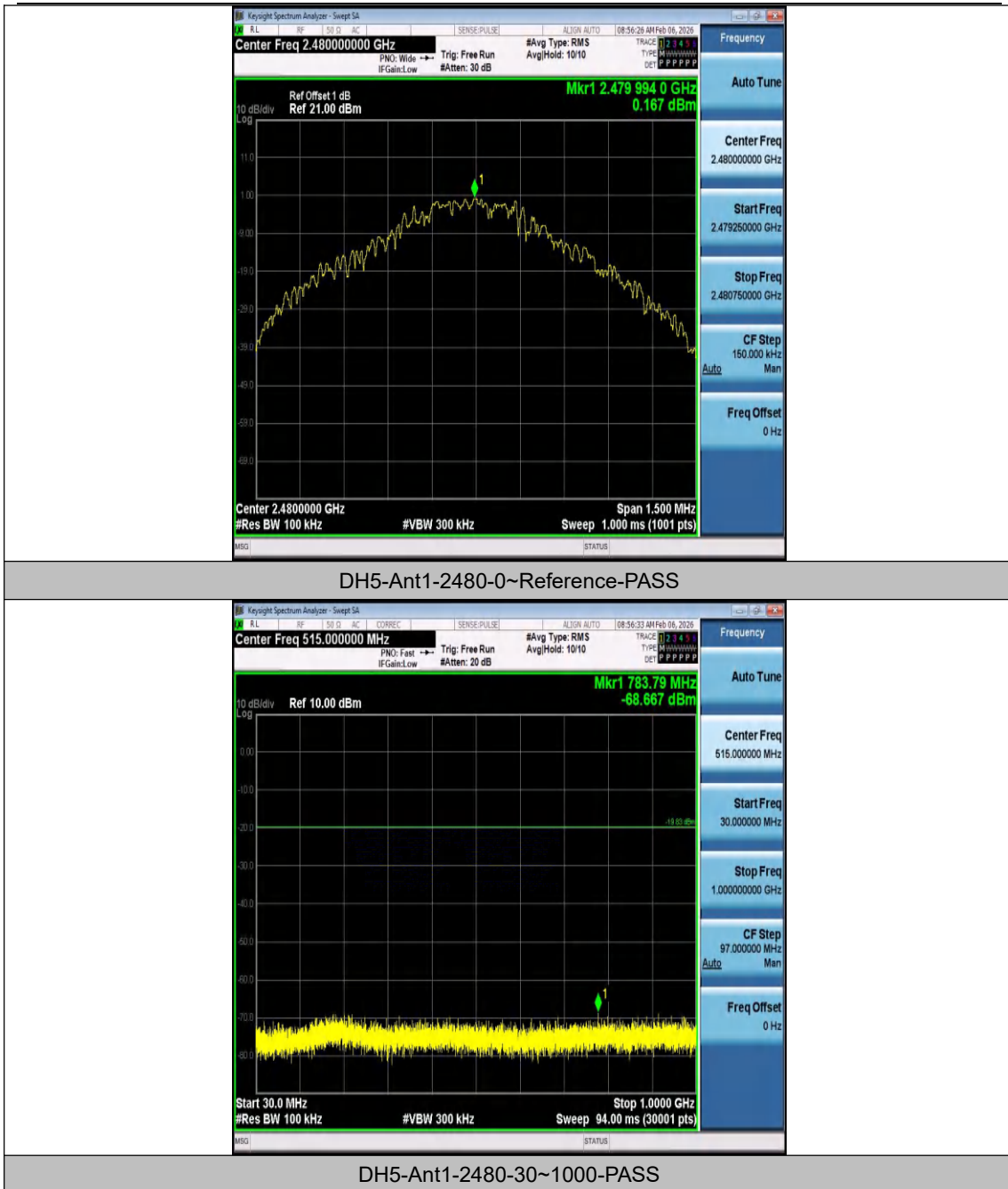
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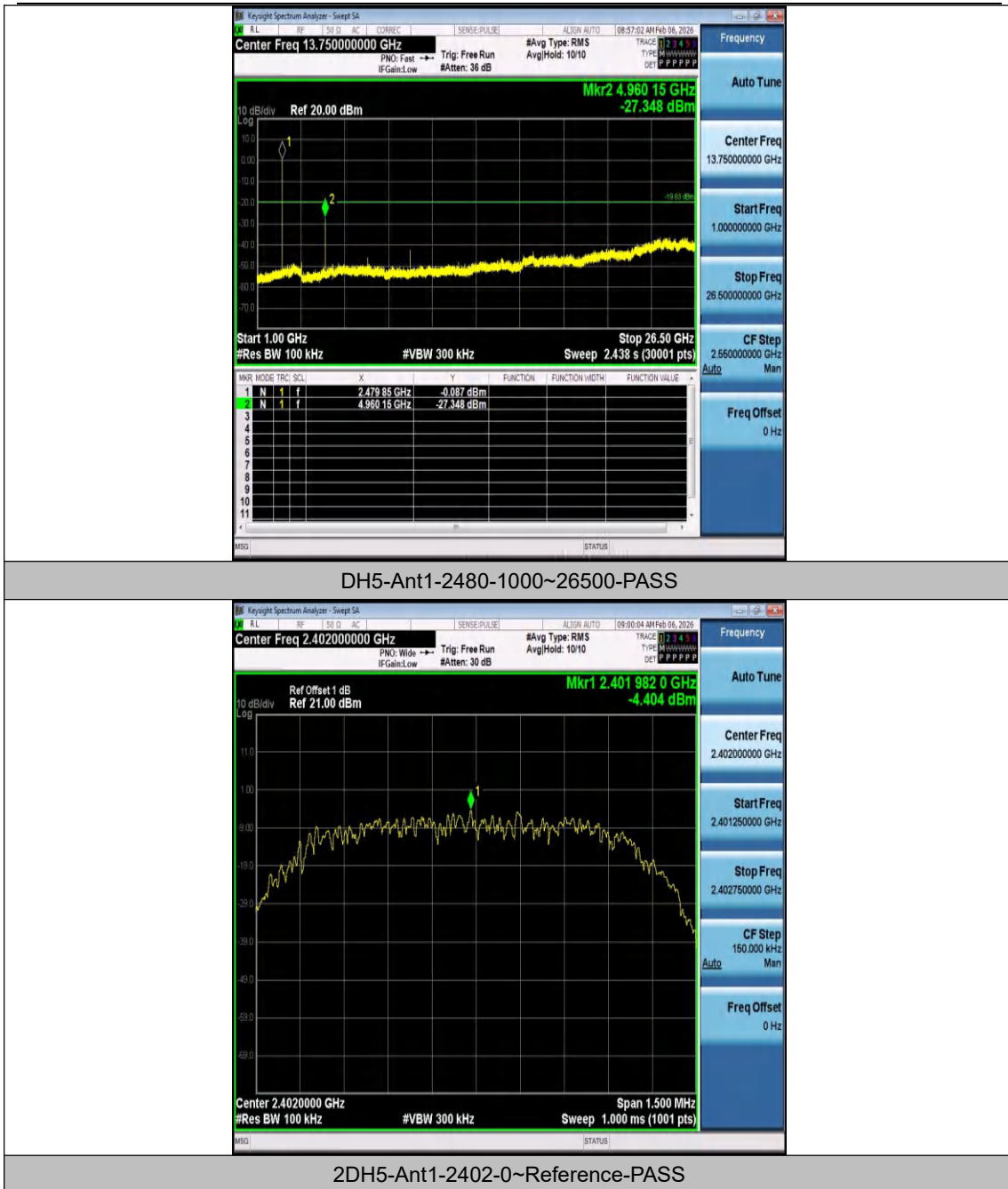
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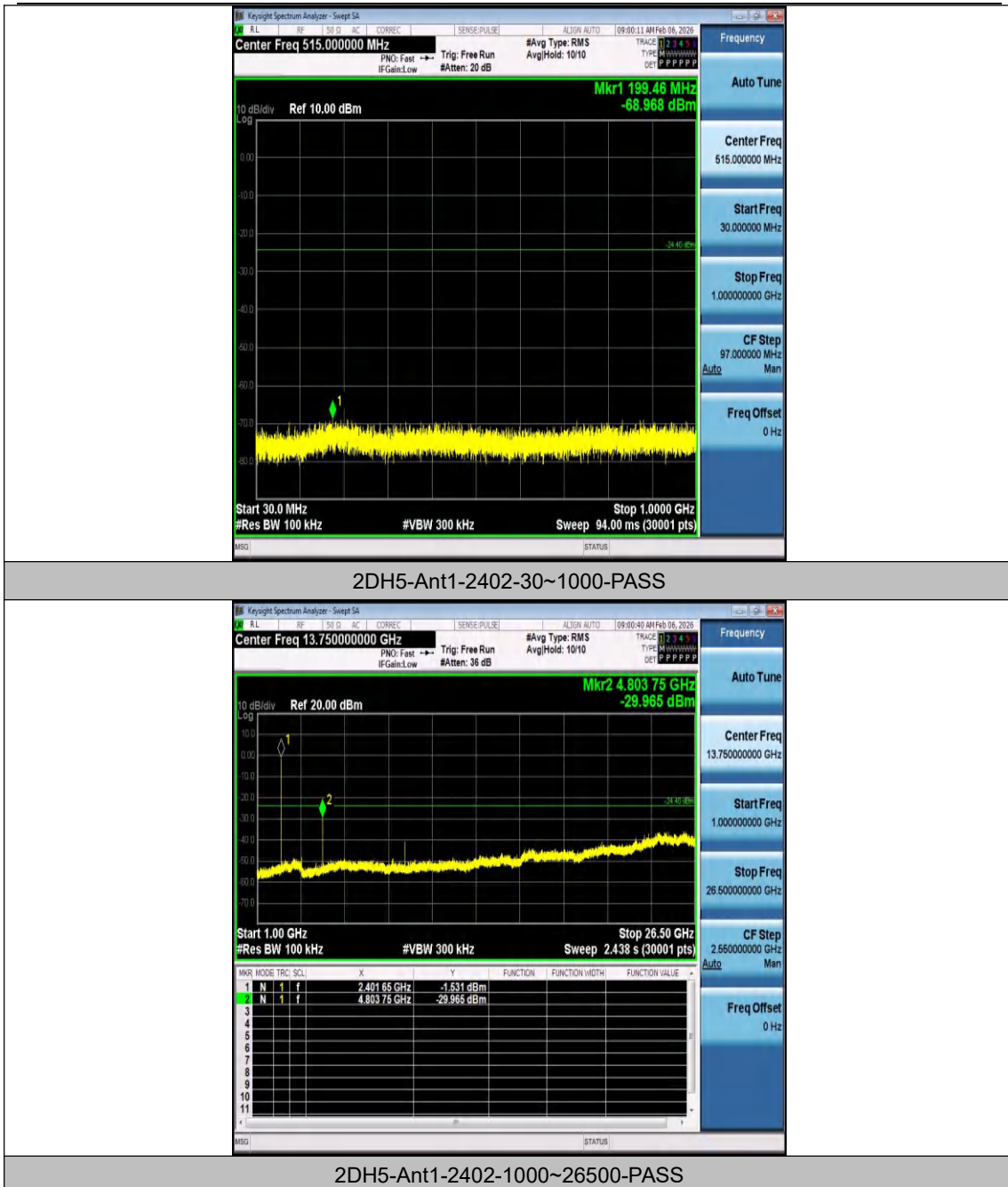
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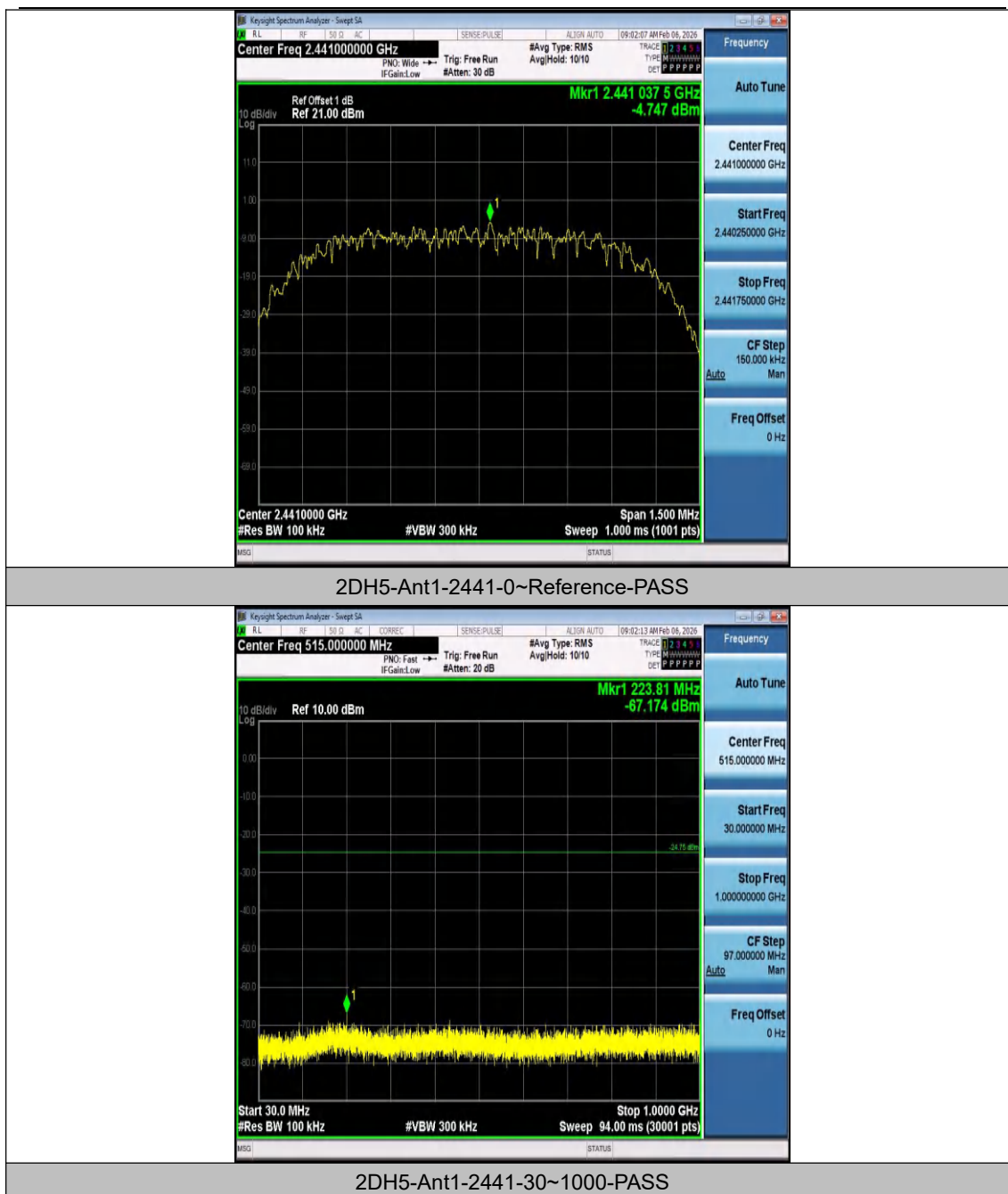
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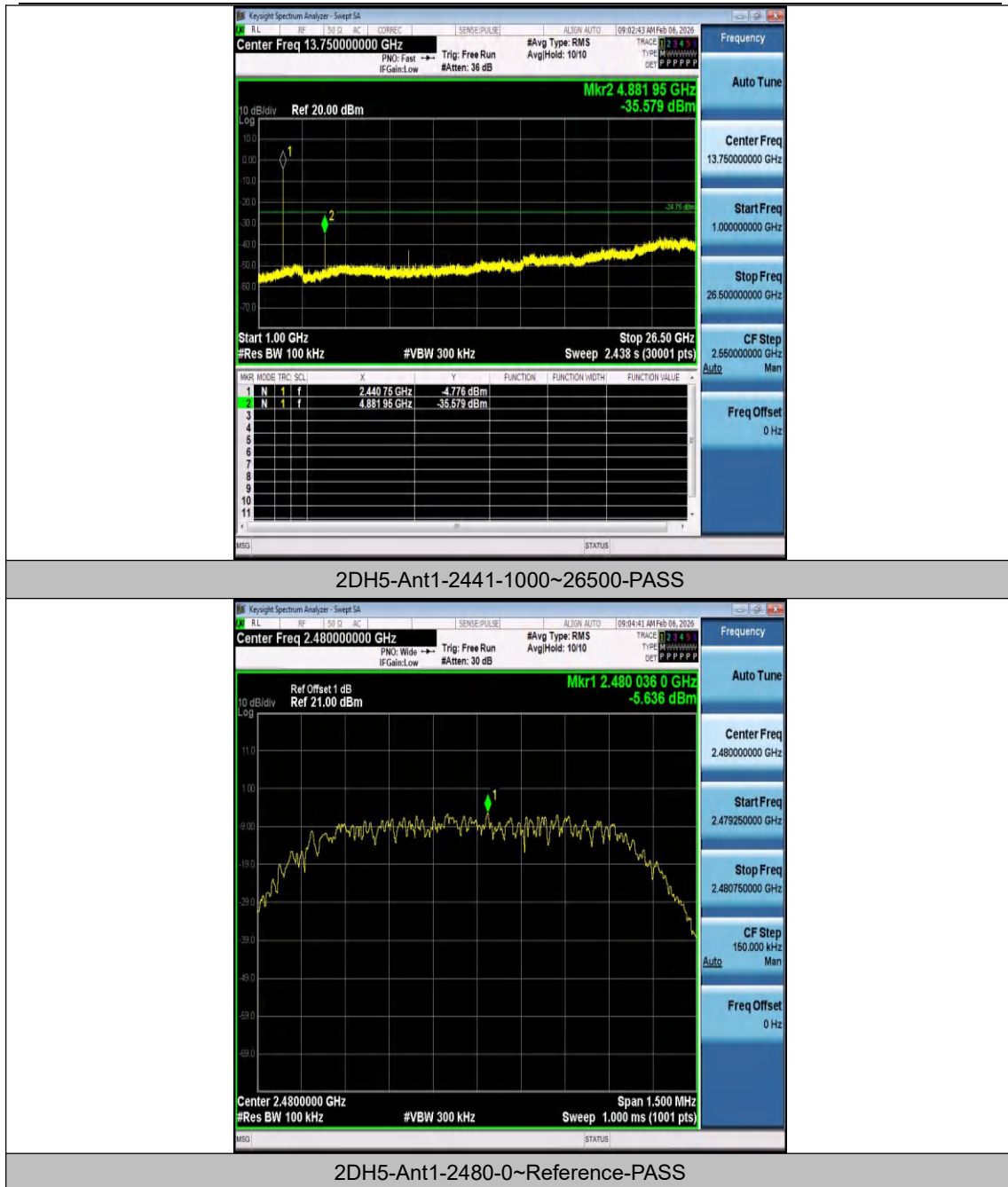
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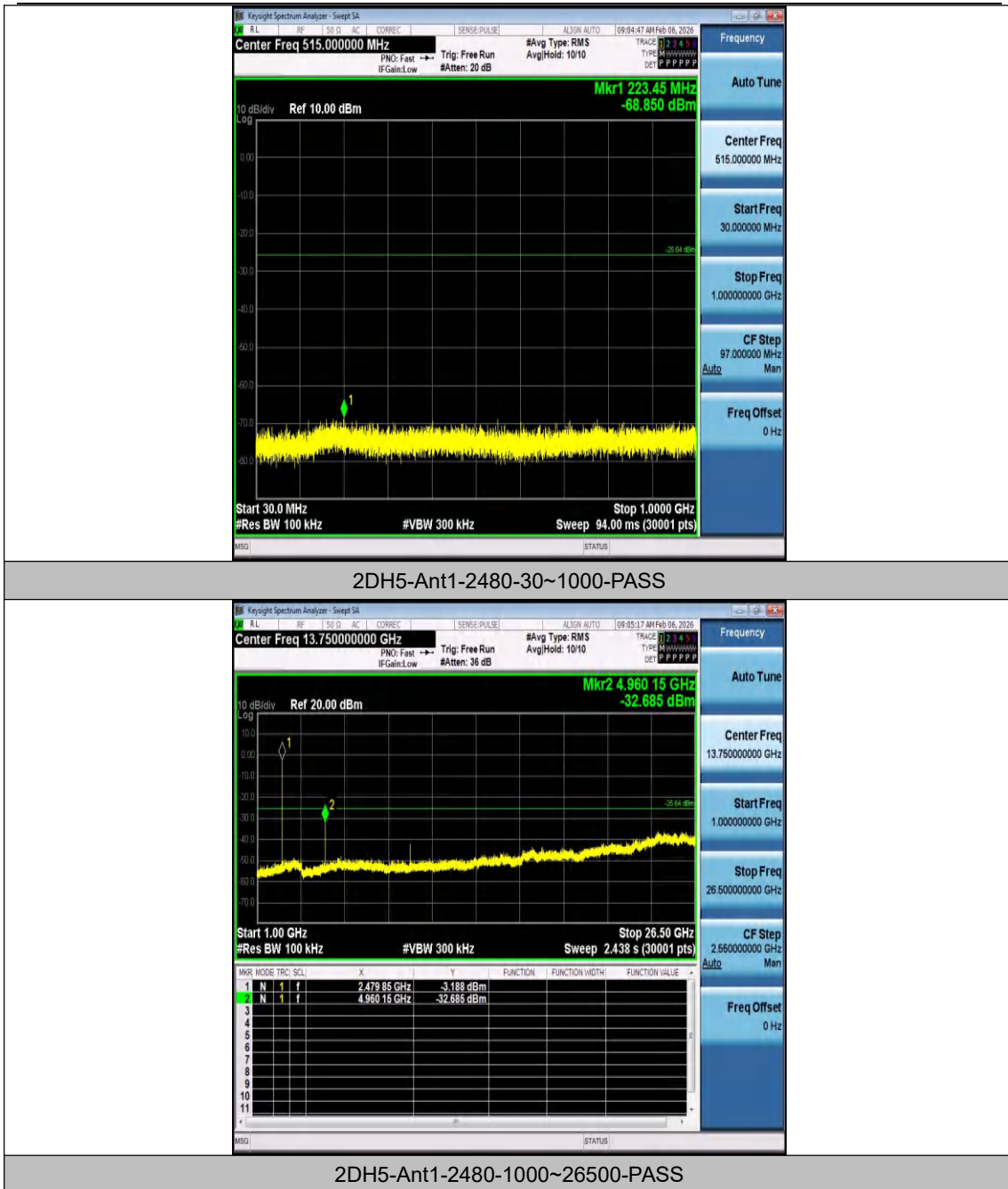


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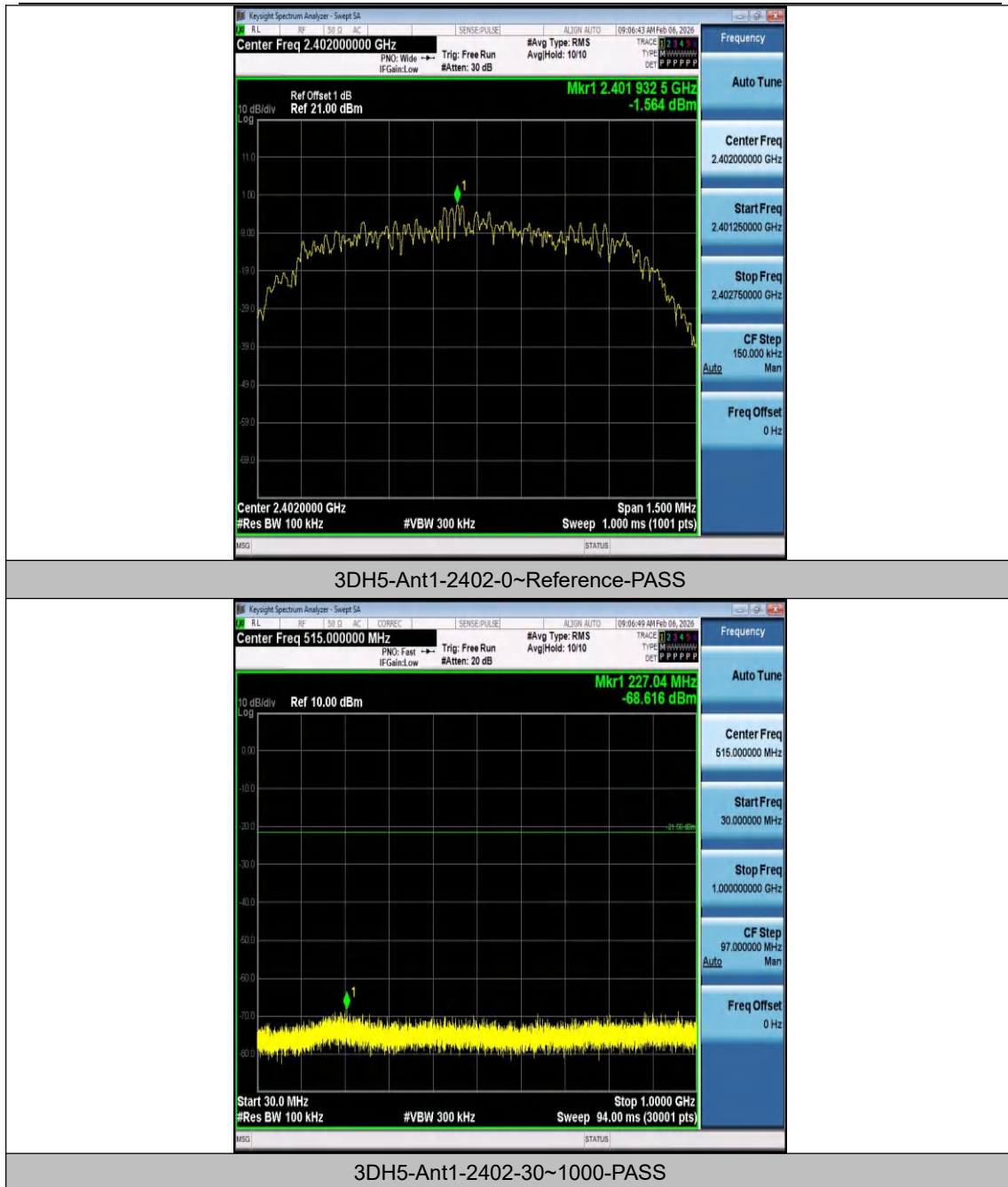




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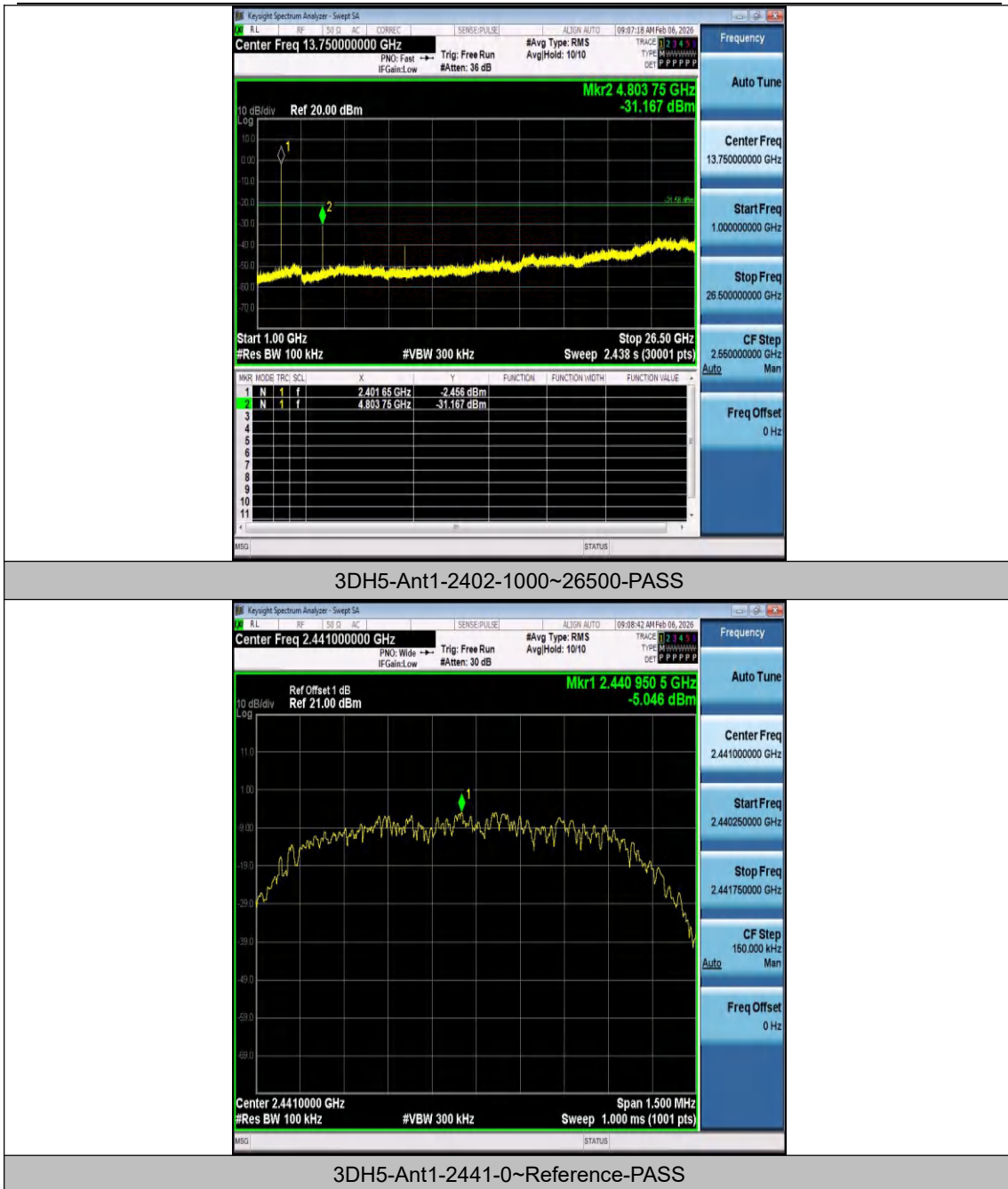
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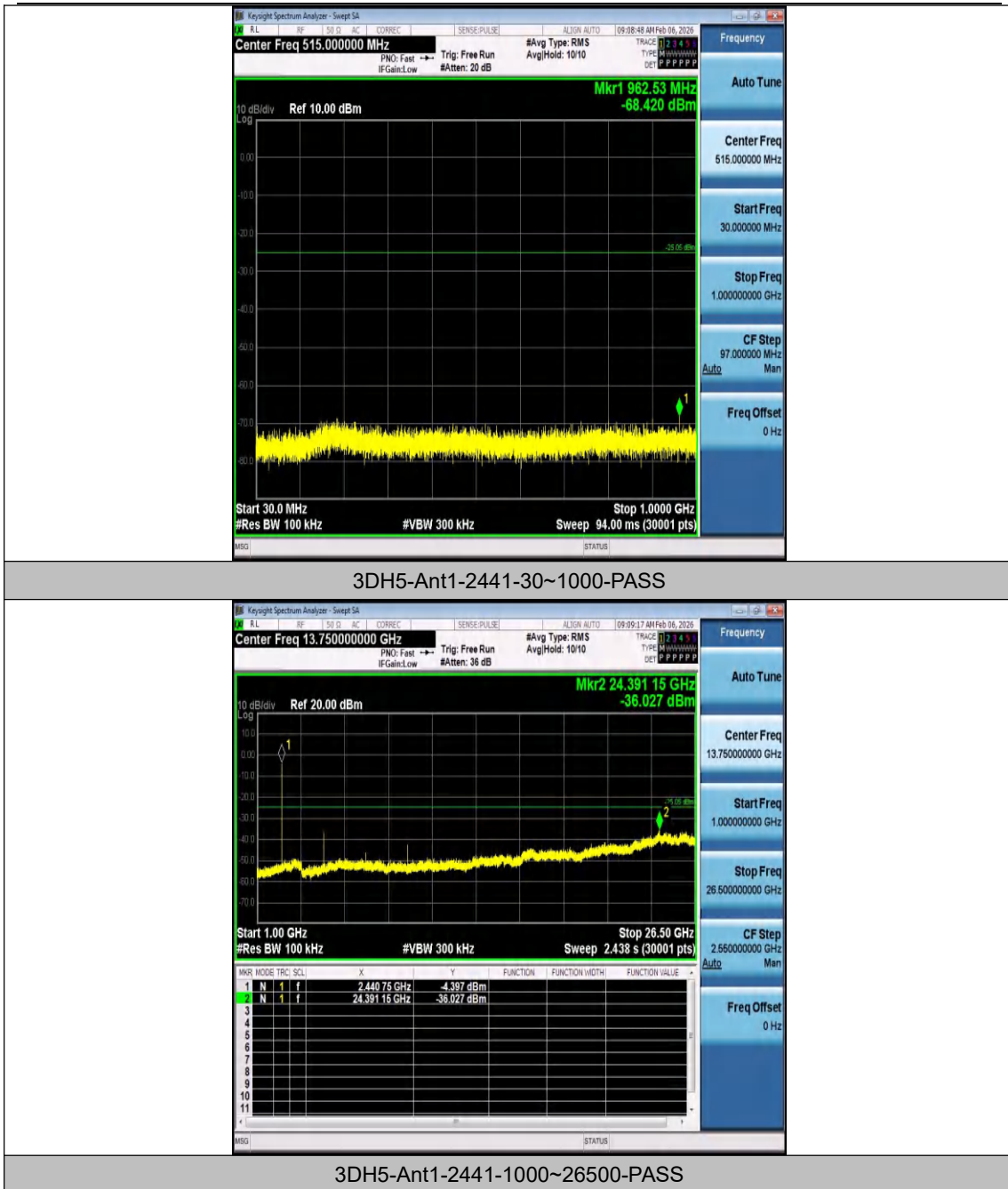


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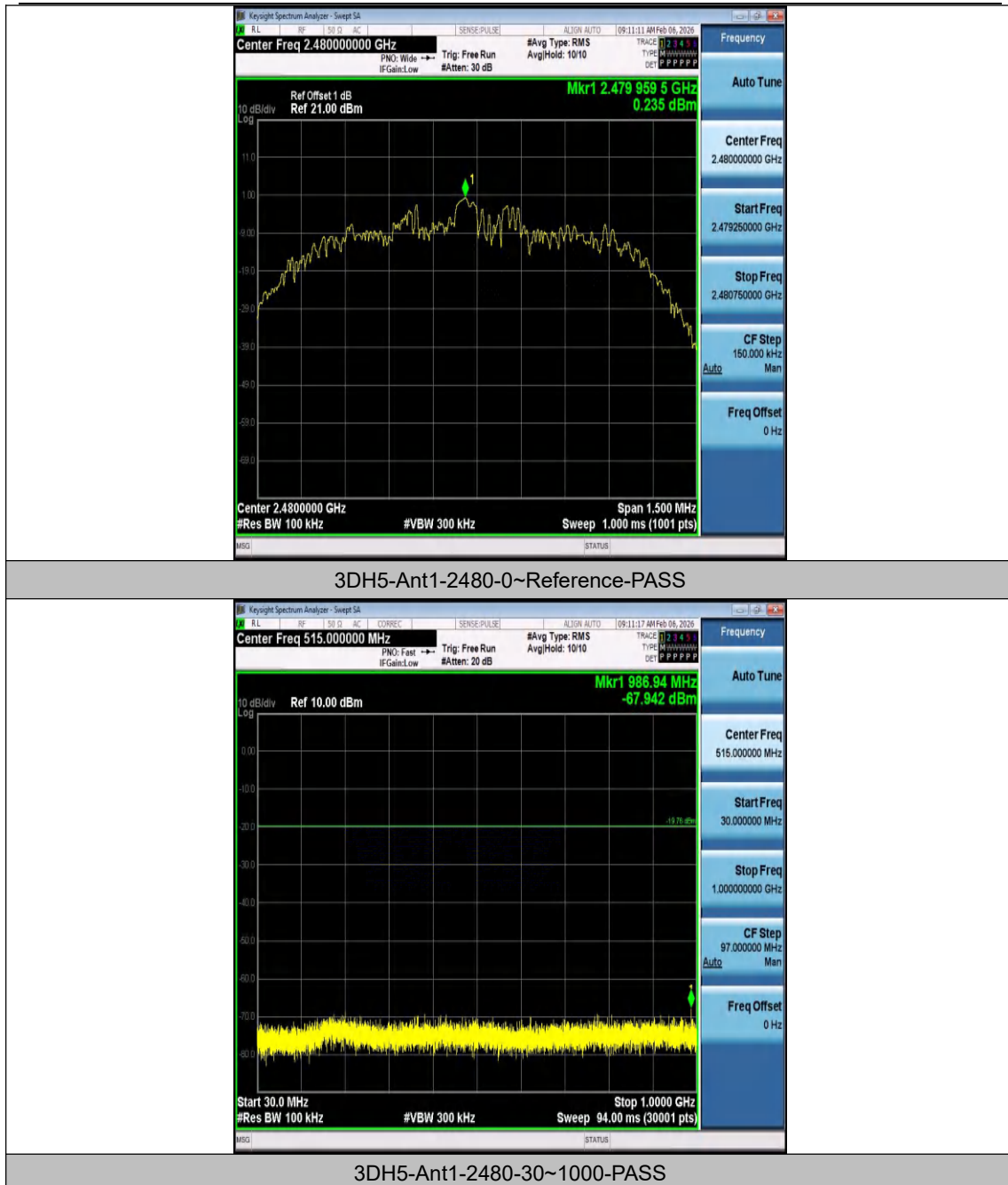




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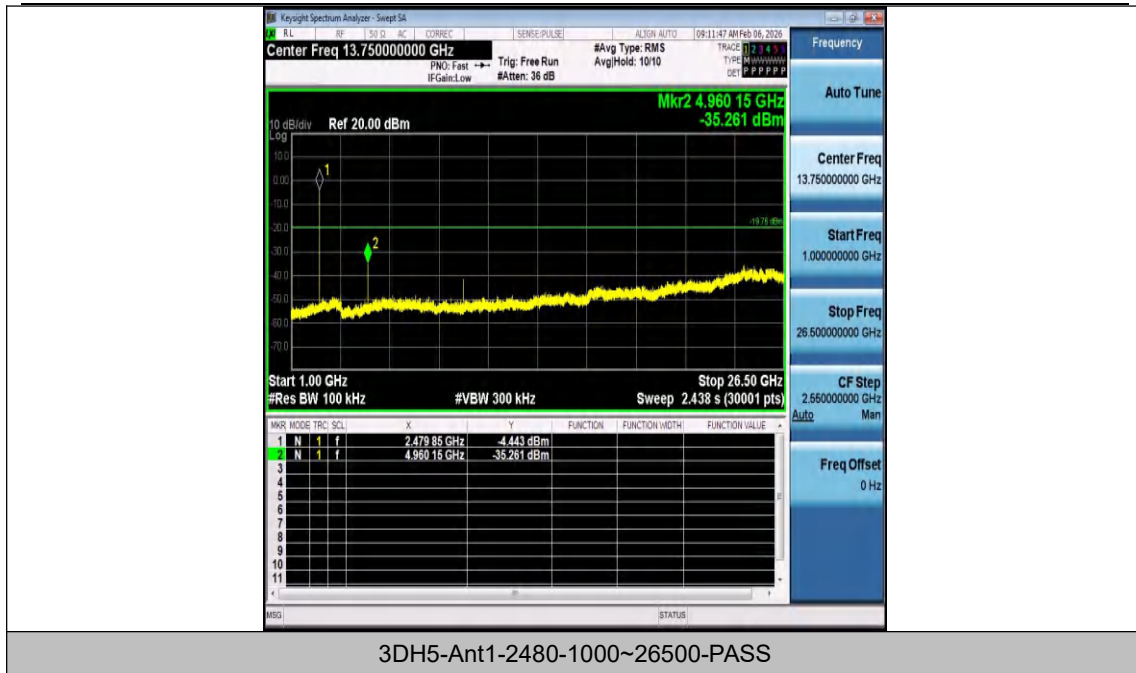
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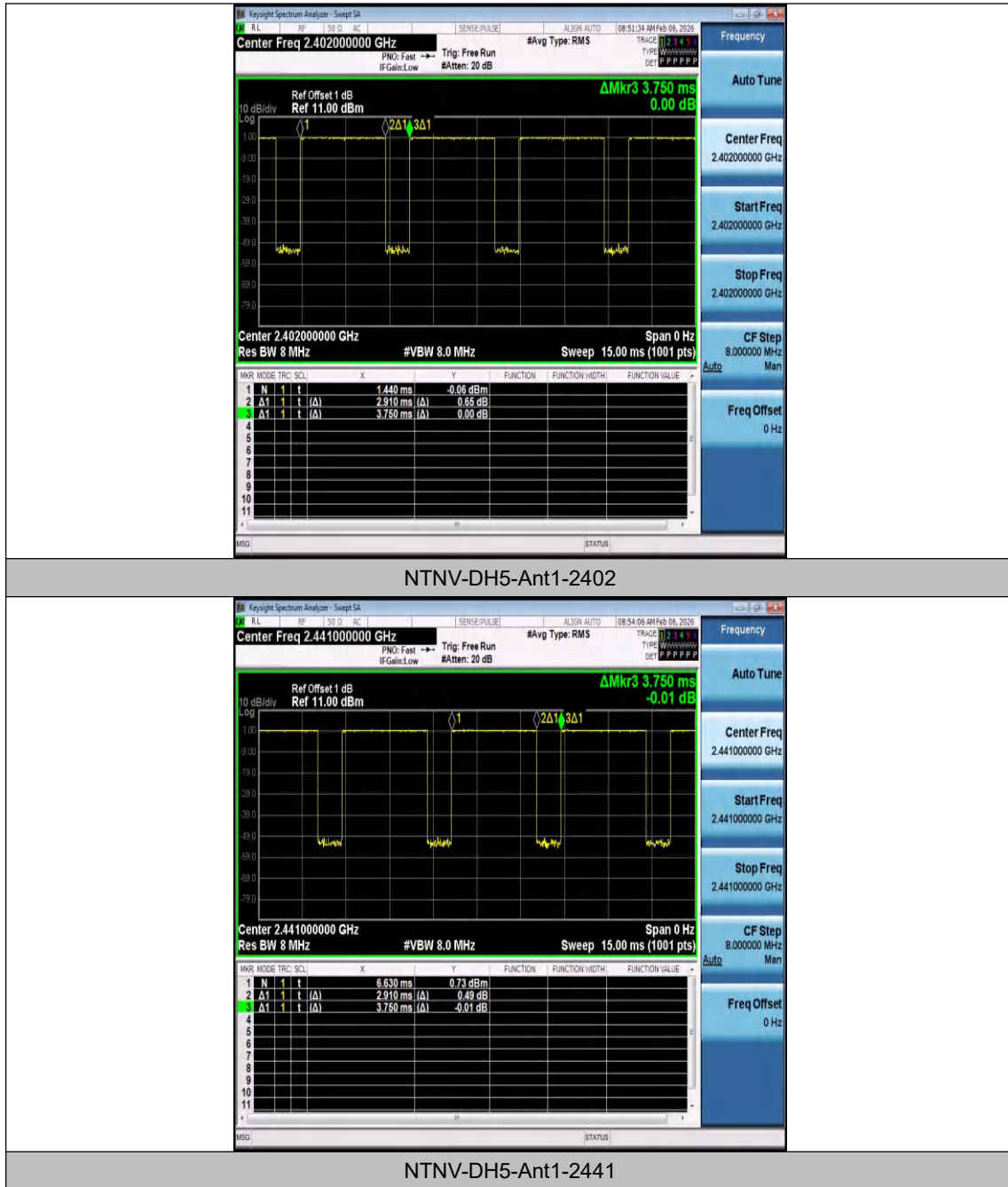
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Appendix I: Duty Cycle

Test Result

Test Mode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
DH5	Ant1	2402	2.91	3.75	77.60	1.10
DH5	Ant1	2441	2.91	3.75	77.60	1.10
DH5	Ant1	2480	2.91	3.75	77.60	1.10
2DH5	Ant1	2402	2.91	3.75	77.60	1.10
2DH5	Ant1	2441	2.93	3.75	78.13	1.07
2DH5	Ant1	2480	2.91	3.75	77.60	1.10
3DH5	Ant1	2402	2.91	3.75	77.60	1.10
3DH5	Ant1	2441	2.93	3.75	78.13	1.07
3DH5	Ant1	2480	2.91	3.75	77.60	1.10

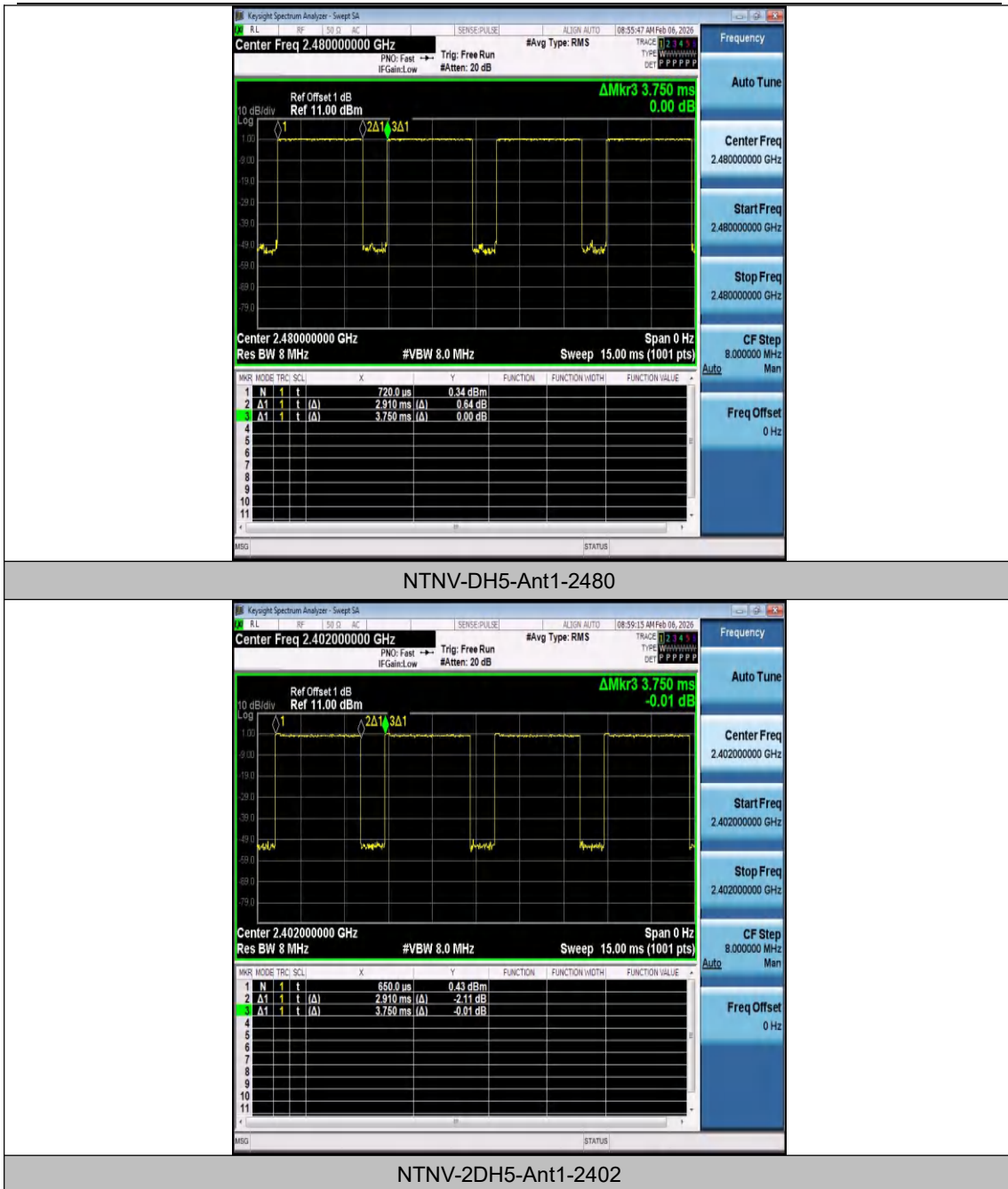
Test Graphs



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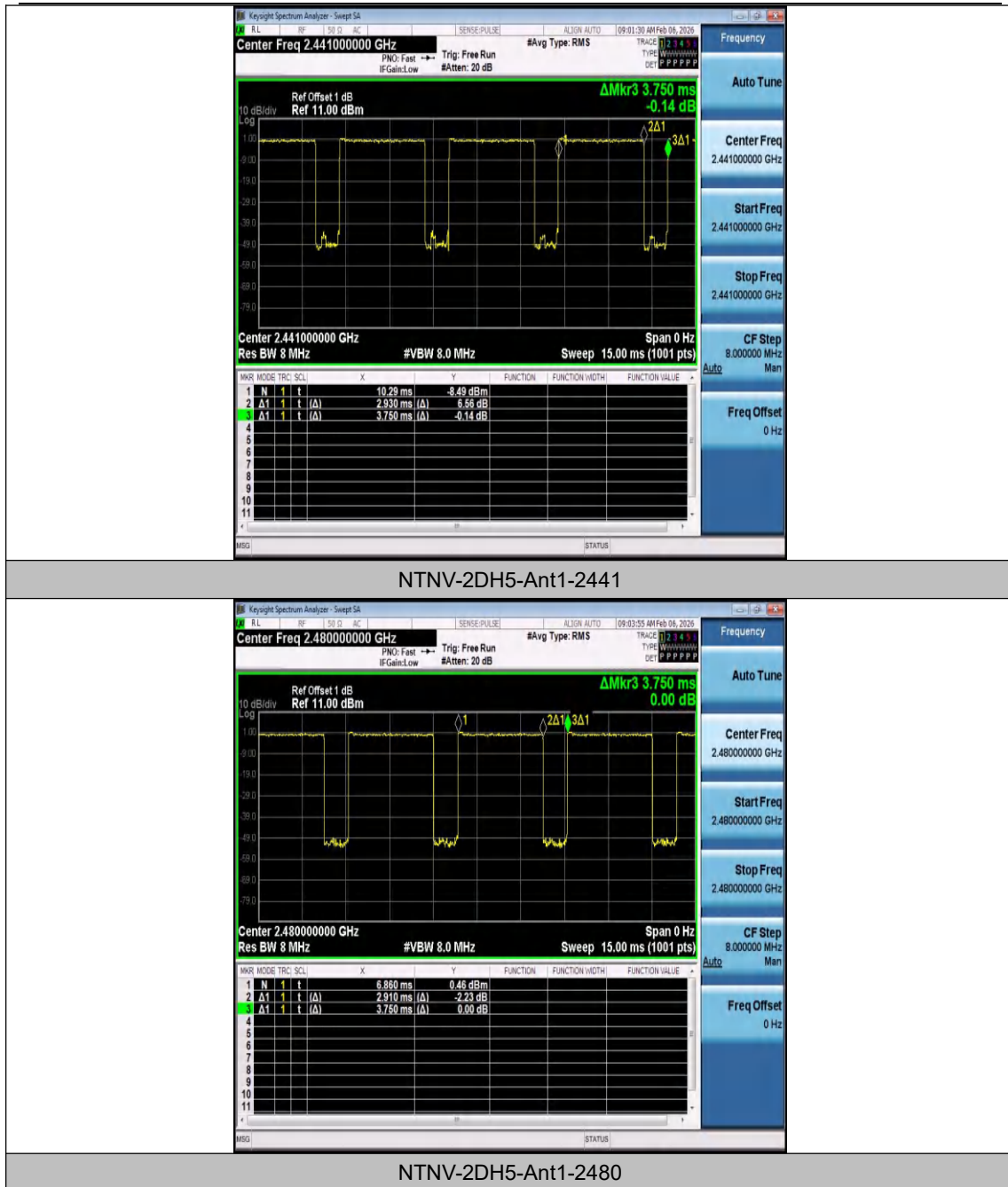
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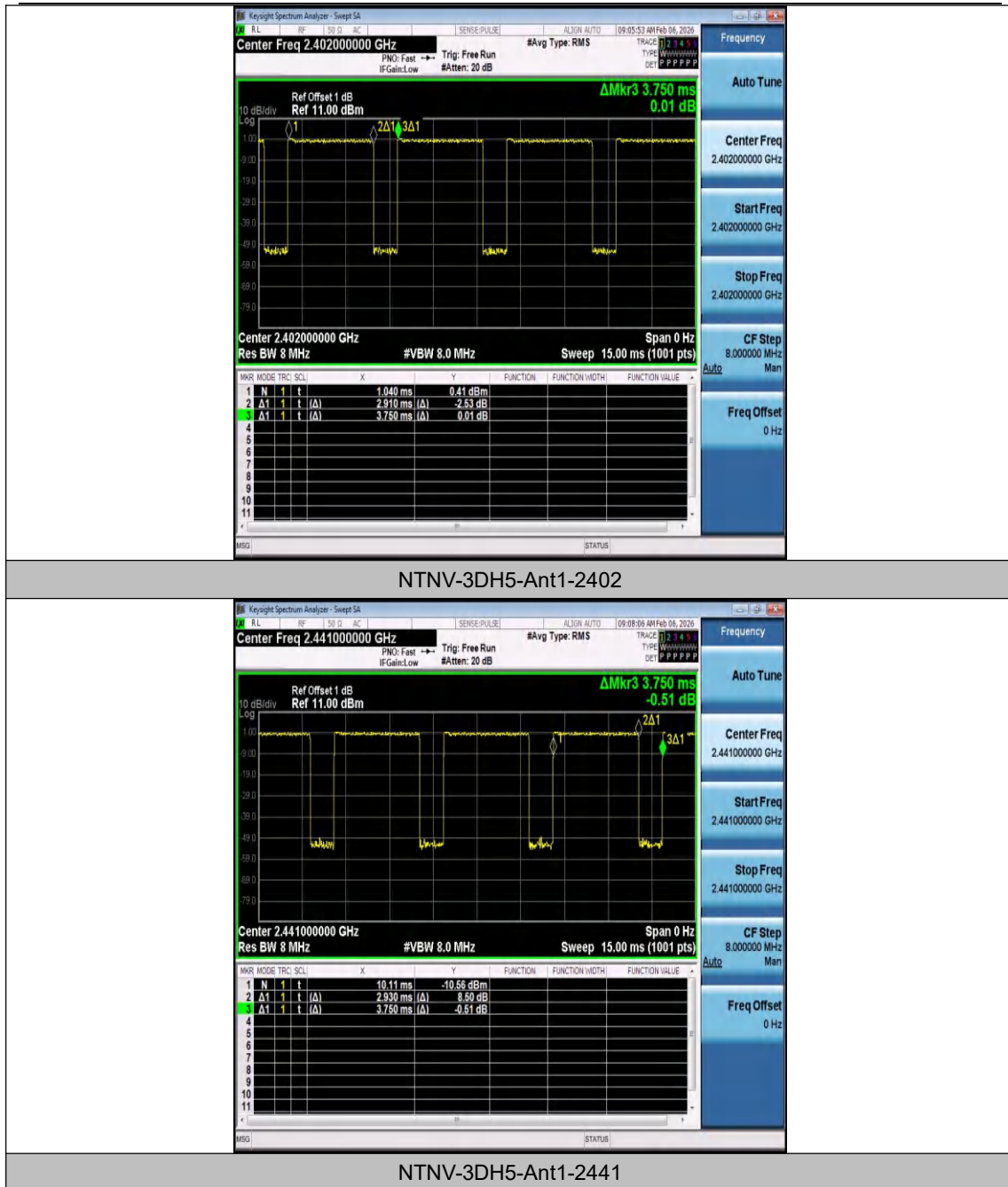


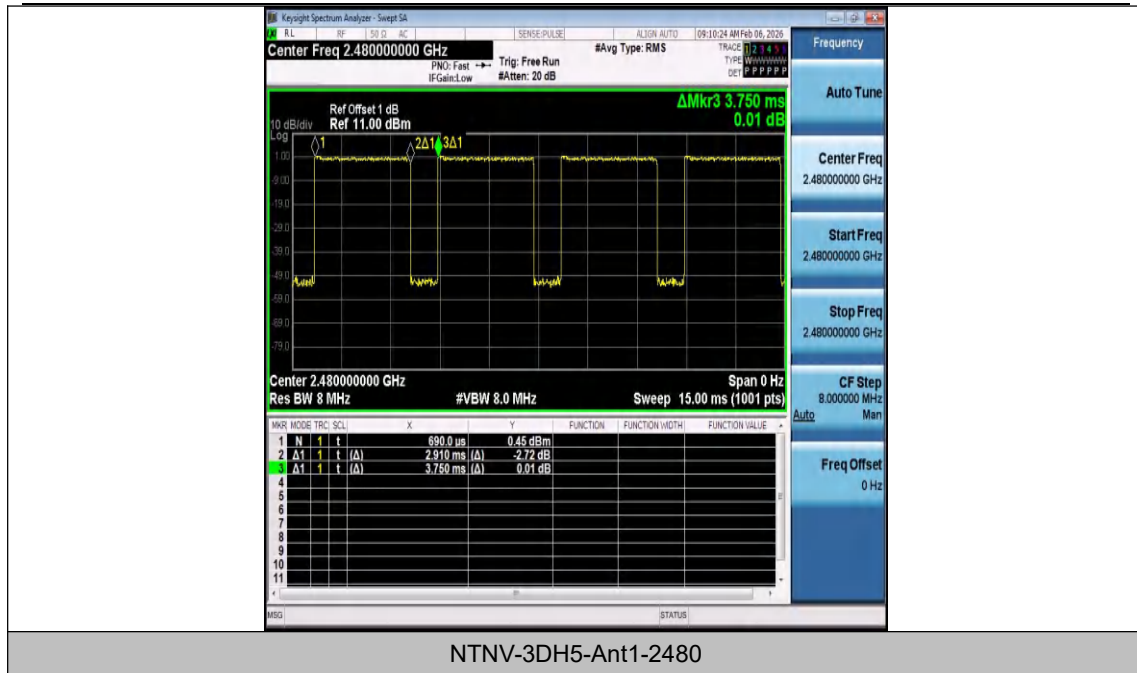
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---End---