

Appendix Test Data

Report No.:	1812C50603812501-01	Test Sample No.:	1-2-2
Start Test Date:	2026-1-8	Finish Test Date:	2026-1-16
Test Engineer:	Pearl Ao	Auditor:	Justin Feng
Temperature:	24.8°C	Relative Humidity:	49%
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	0.948	2401.523	2402.471	---	---
DH5	Ant1	2441	0.936	2440.526	2441.462	---	---
DH5	Ant1	2480	0.933	2479.526	2480.459	---	---
2DH5	Ant1	2402	1.359	2401.310	2402.669	---	---
2DH5	Ant1	2441	1.326	2440.322	2441.648	---	---
2DH5	Ant1	2480	1.332	2479.319	2480.651	---	---
3DH5	Ant1	2402	1.317	2401.334	2402.651	---	---
3DH5	Ant1	2441	1.335	2440.331	2441.666	---	---
3DH5	Ant1	2480	1.317	2479.340	2480.657	---	---

Test Graphs



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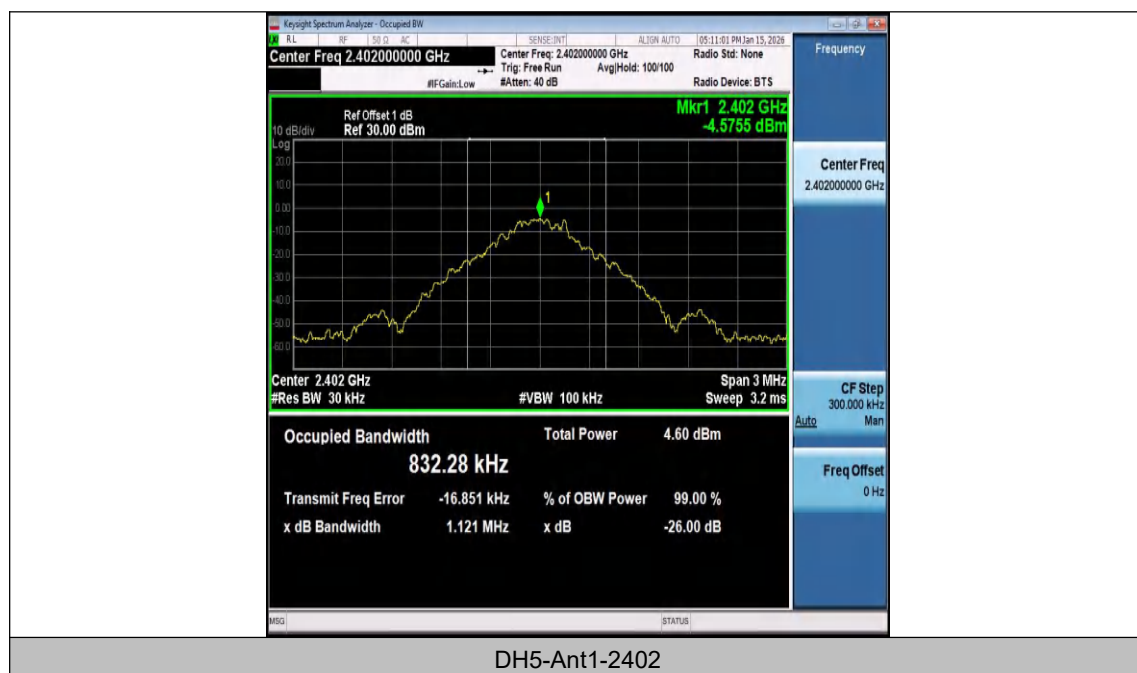
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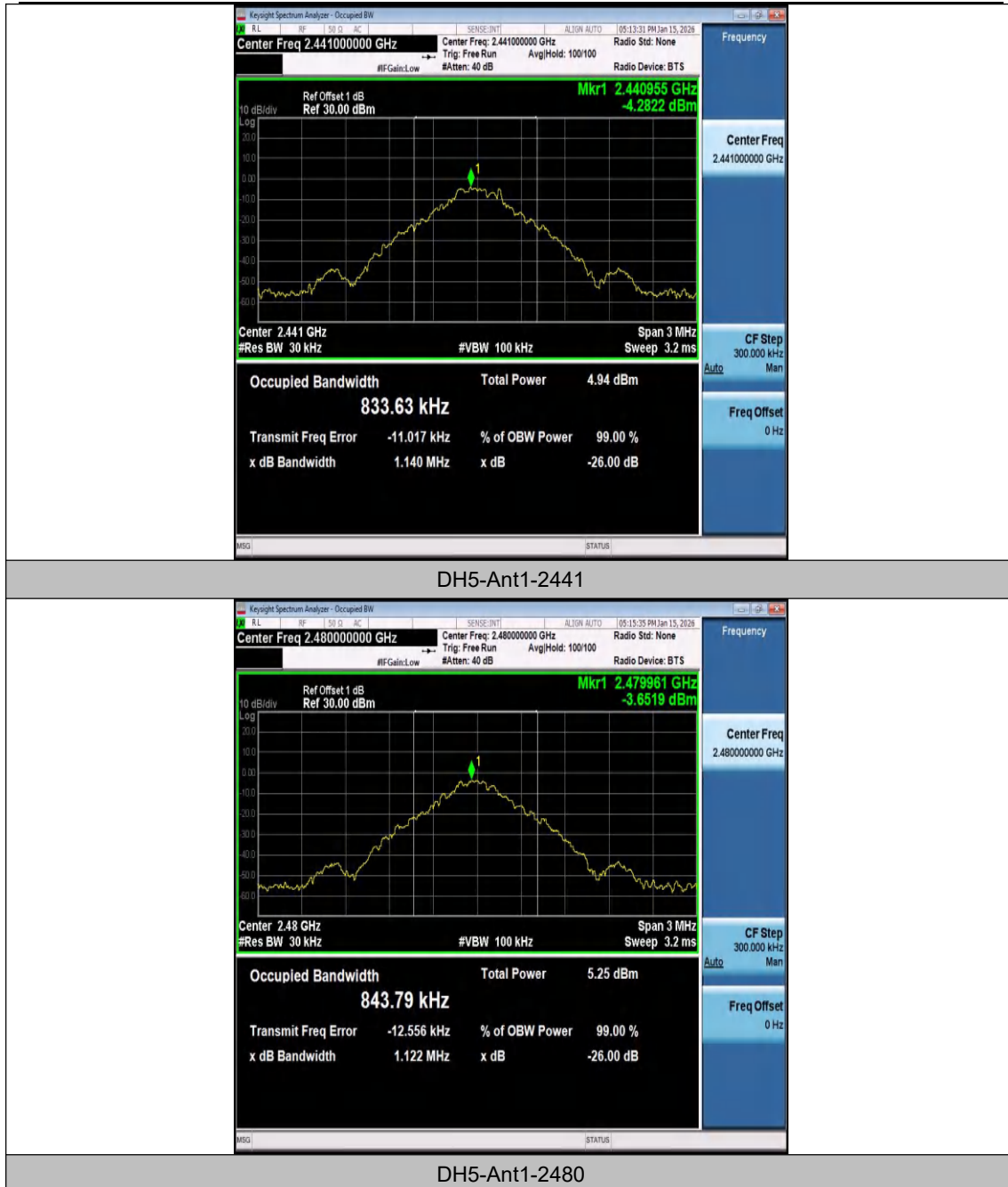
Appendix B: 99% Occupied Bandwidth

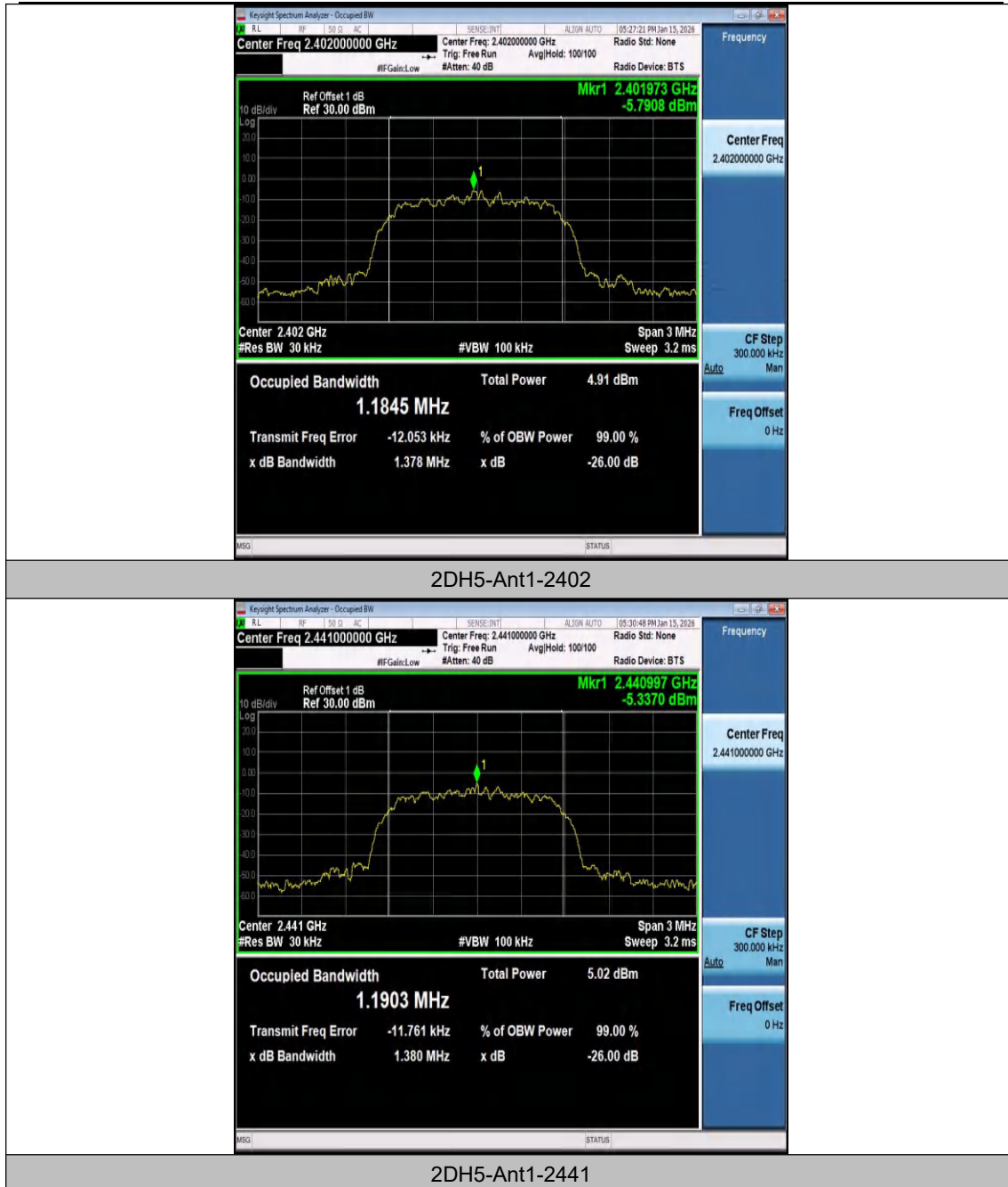
Test Result

Test Mode	Antenna	Frequency [MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.83228	2401.5670	2402.3993	---	---
DH5	Ant1	2441	0.83363	2440.5722	2441.4058	---	---
DH5	Ant1	2480	0.84379	2479.5655	2480.4093	---	---
2DH5	Ant1	2402	1.1845	2401.3957	2402.5802	---	---
2DH5	Ant1	2441	1.1903	2440.3931	2441.5834	---	---
2DH5	Ant1	2480	1.1827	2479.3964	2480.5791	---	---
3DH5	Ant1	2402	1.1840	2401.4085	2402.5925	---	---
3DH5	Ant1	2441	1.5195	2440.1027	2441.6222	---	---
3DH5	Ant1	2480	1.1765	2479.4123	2480.5888	---	---

Test Graphs







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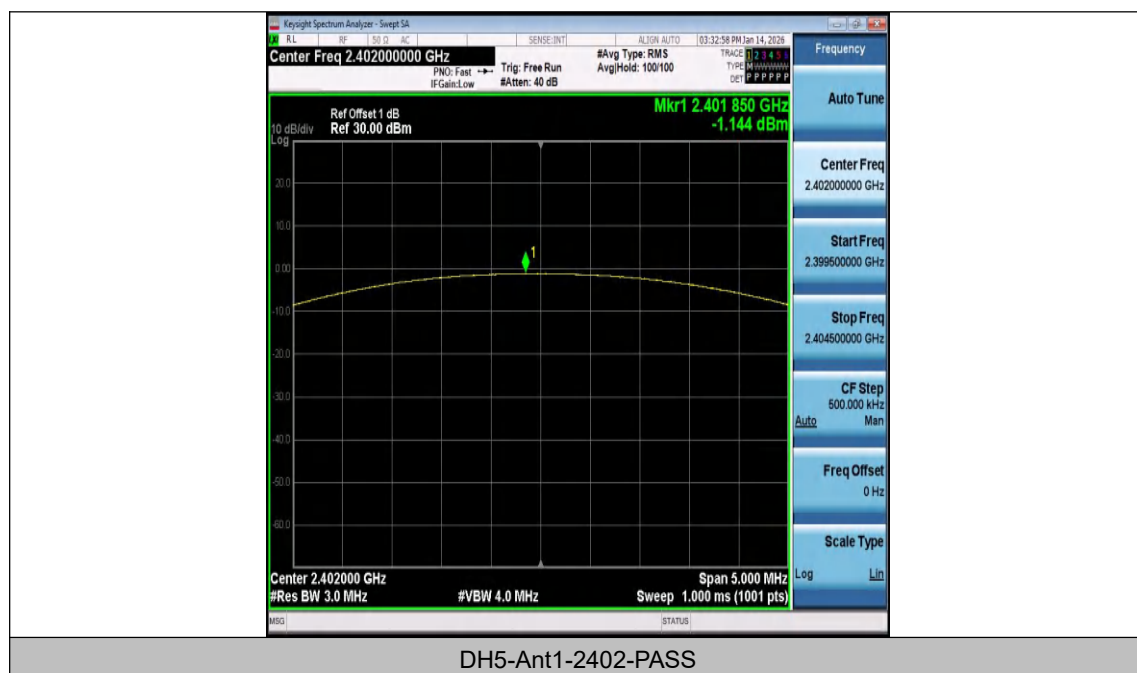


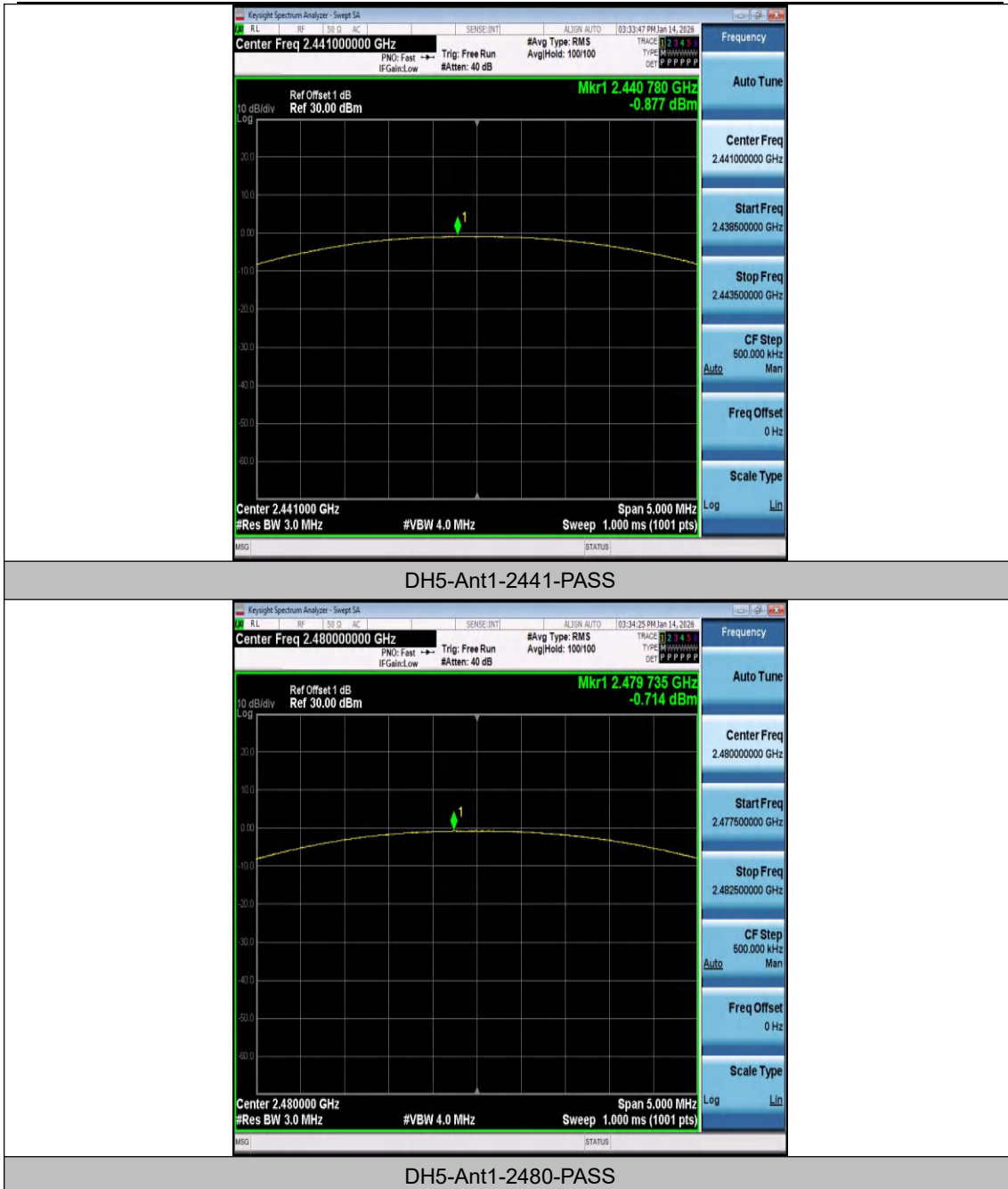
Appendix C: Maximum Conducted Output Power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	-1.14	≤30	PASS
DH5	Ant1	2441	-0.88	≤30	PASS
DH5	Ant1	2480	-0.71	≤30	PASS
2DH5	Ant1	2402	0.85	≤30	PASS
2DH5	Ant1	2441	1.43	≤30	PASS
2DH5	Ant1	2480	1.58	≤30	PASS
3DH5	Ant1	2402	1.46	≤30	PASS
3DH5	Ant1	2441	1.72	≤30	PASS
3DH5	Ant1	2480	1.99	≤30	PASS

Test Graphs

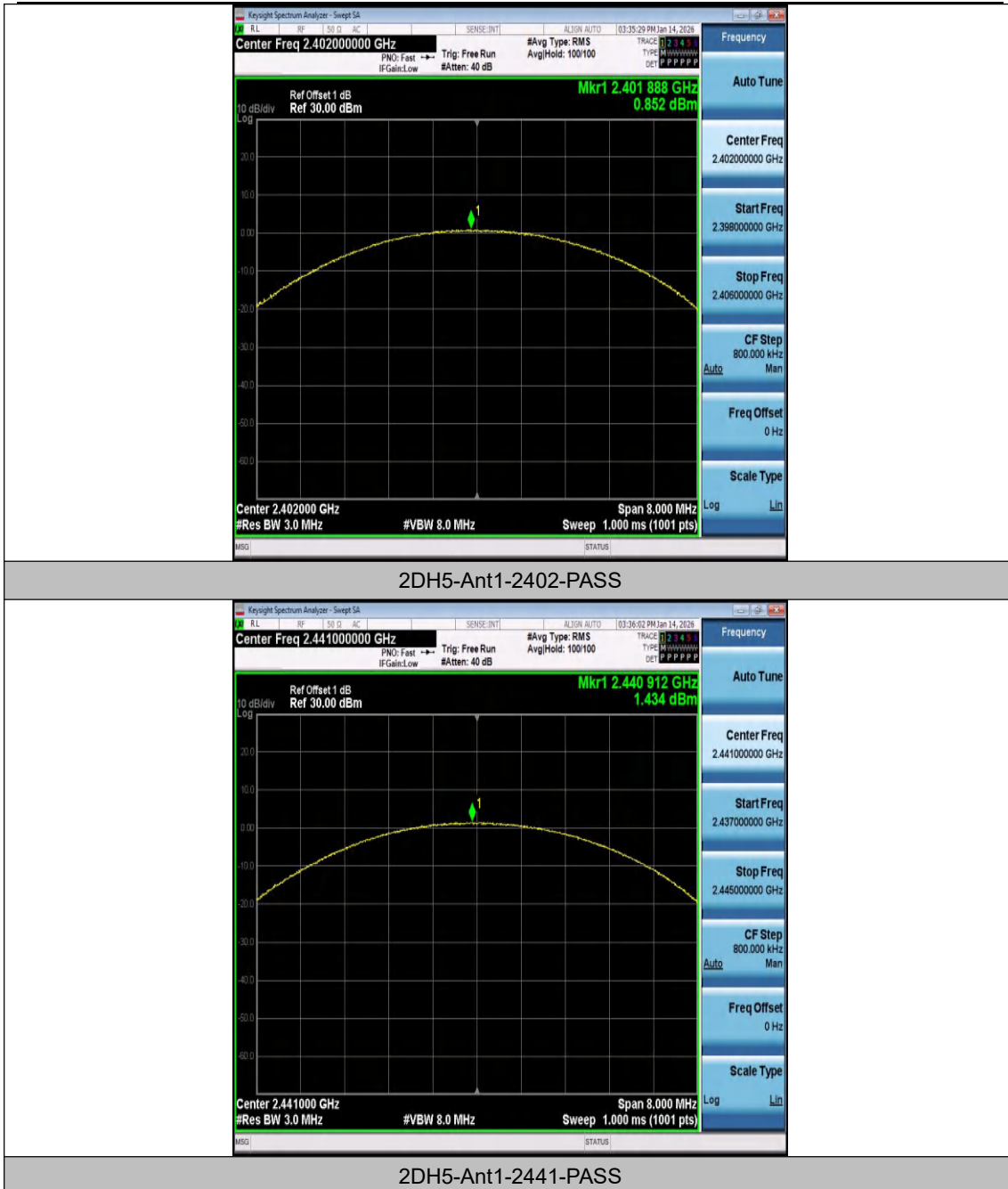




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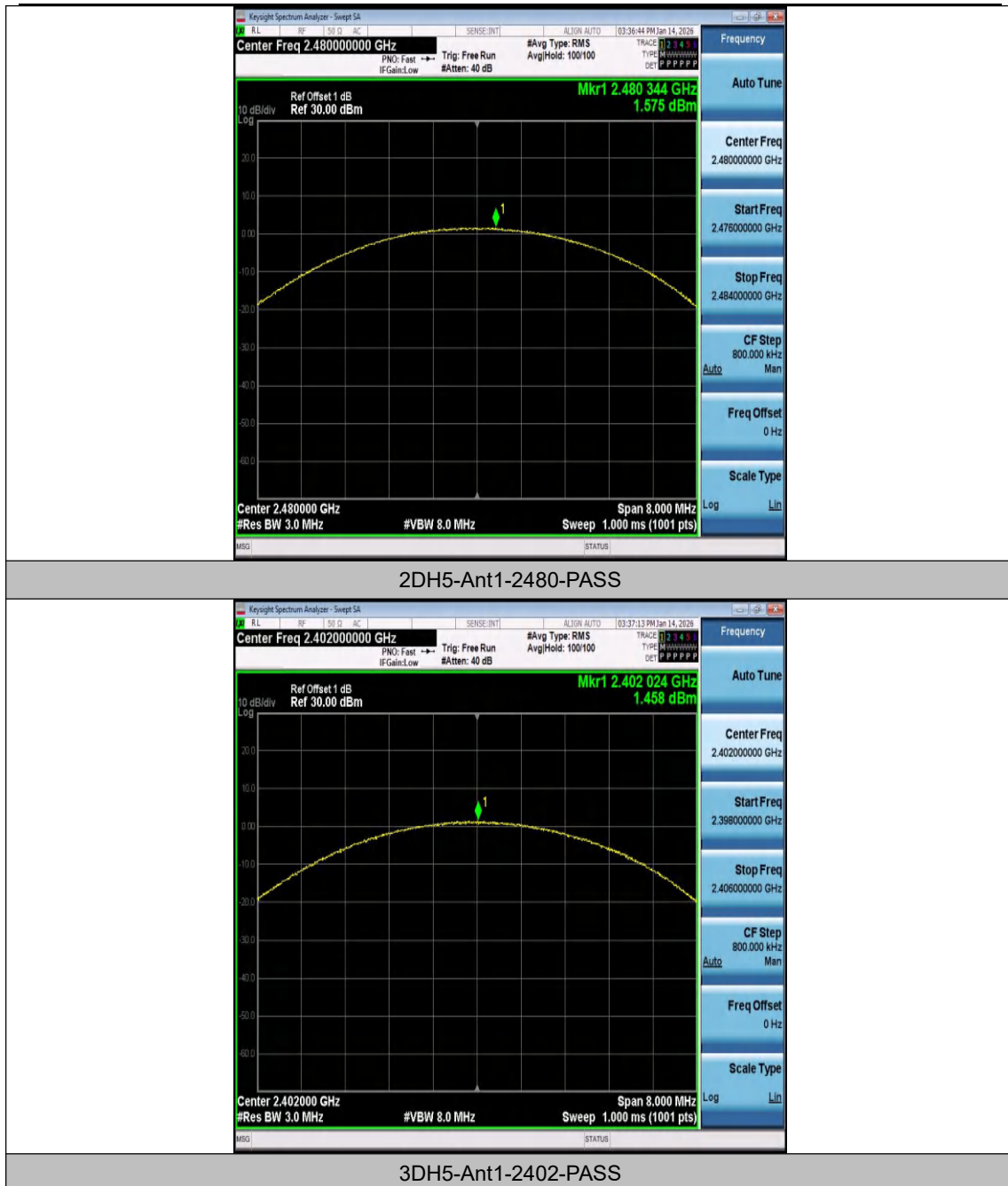
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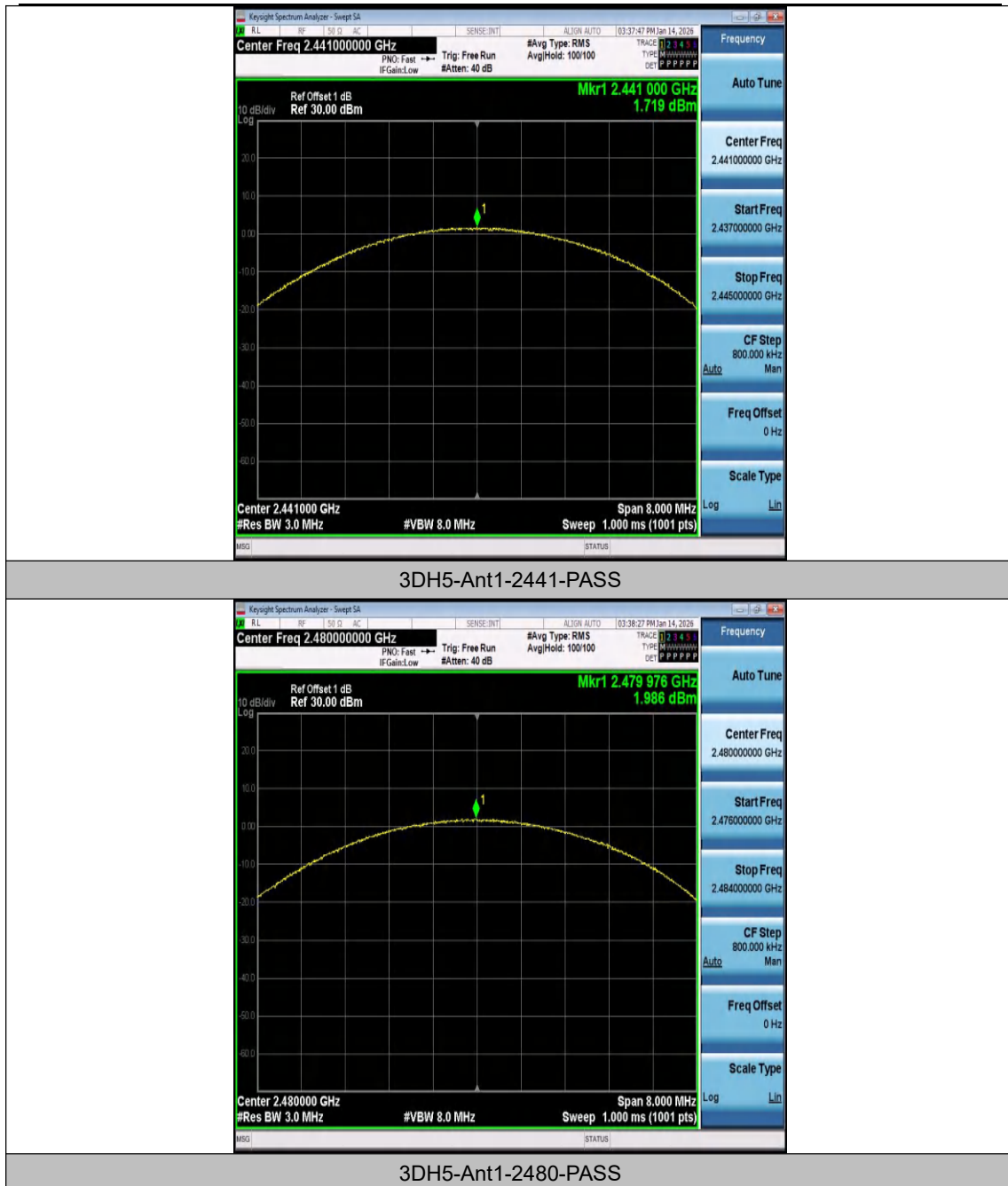
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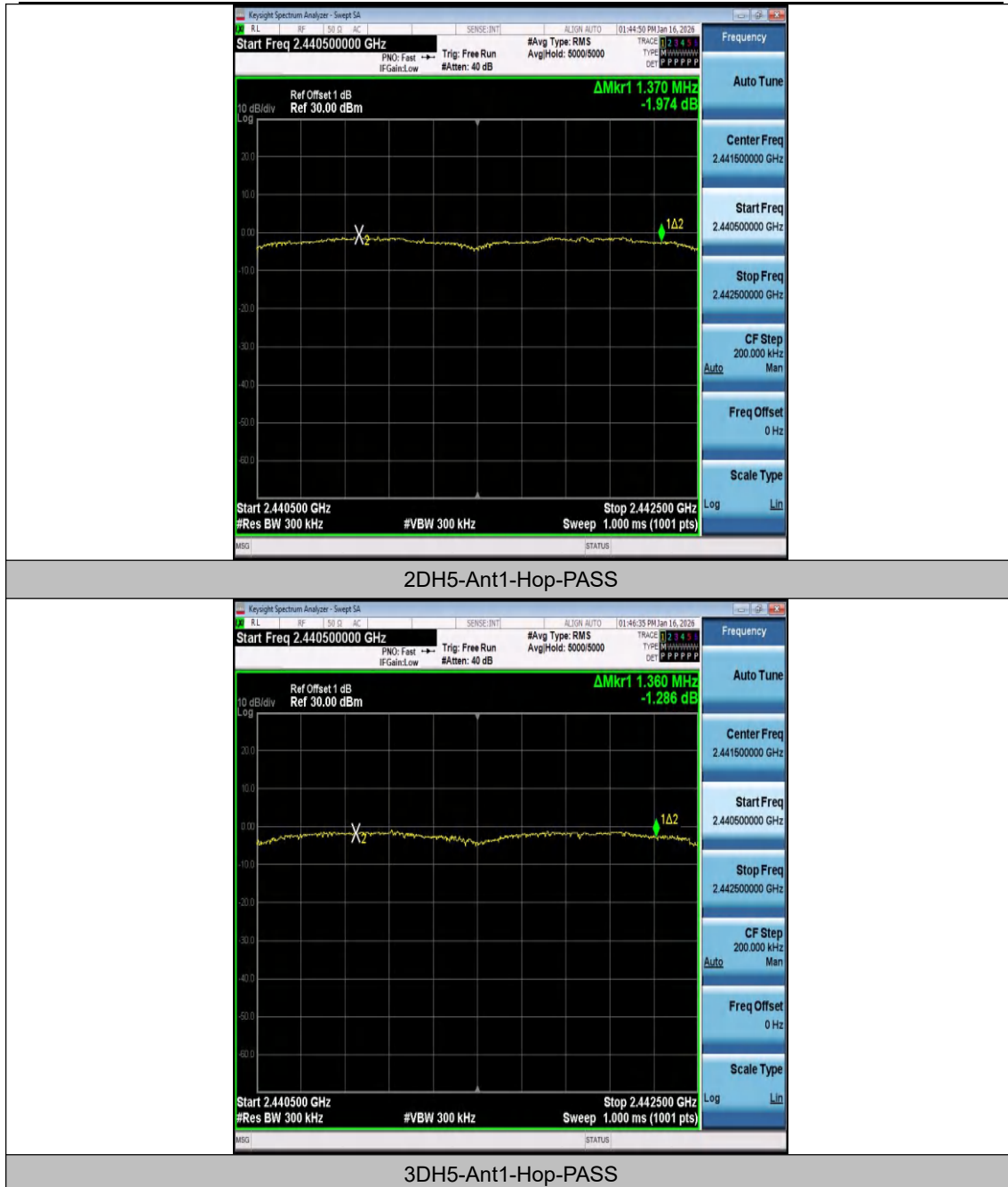
Appendix D: Carrier frequency separation

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	0.956	≥ 0.948	PASS
2DH5	Ant1	Hop	1.370	≥ 1.359	PASS
3DH5	Ant1	Hop	1.360	≥ 1.335	PASS

Test Graphs





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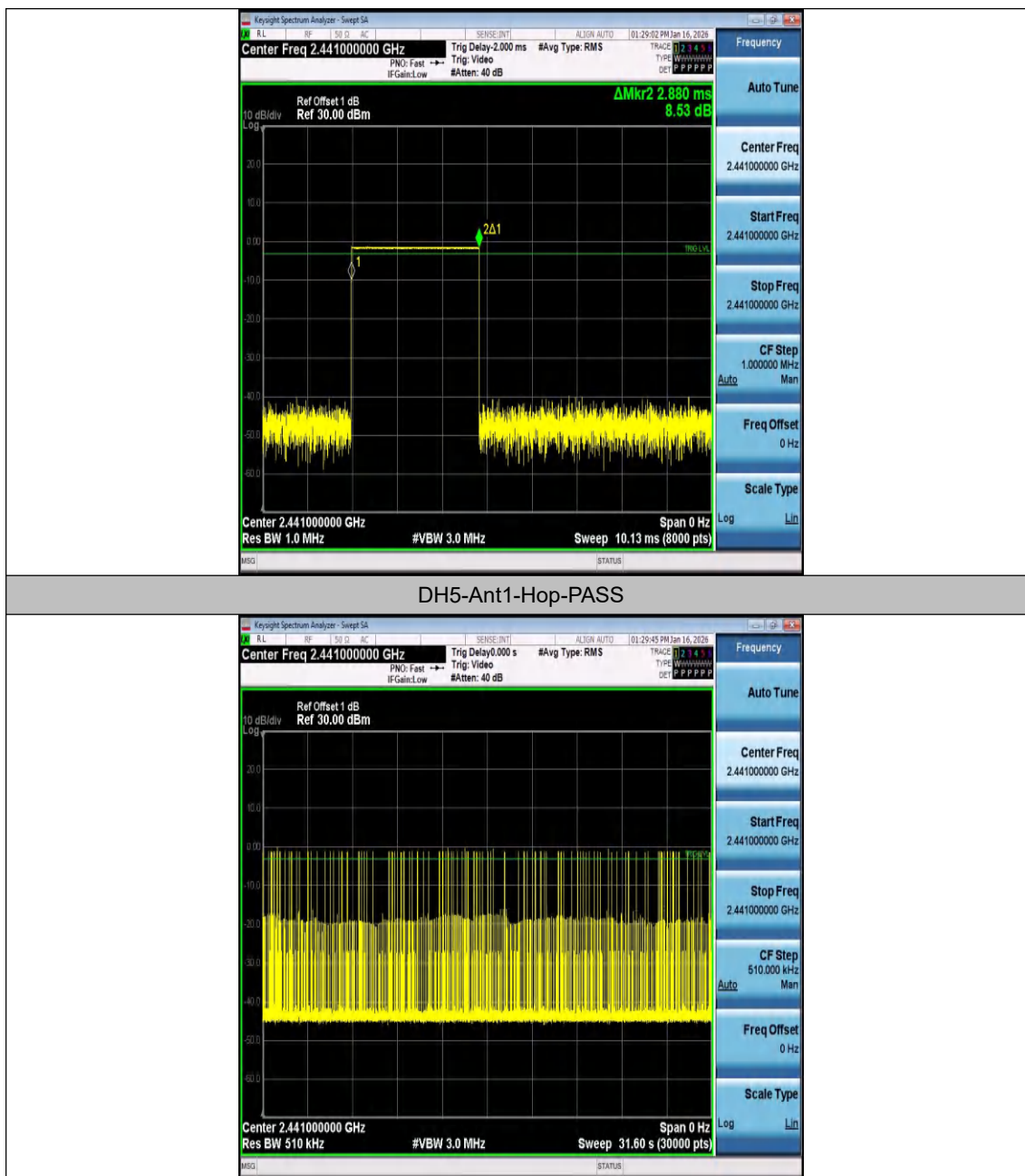
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Appendix E: Dwell Time

Test Result

Test Mode	Antenna	Frequency [MHz]	Burst Width [ms]	Total Hops [Num]	Result [s]	Limit [s]	Verdict
DH5	Ant1	Hop	2.880	123	0.354	≤0.4	PASS
2DH5	Ant1	Hop	2.888	99	0.286	≤0.4	PASS
3DH5	Ant1	Hop	2.889	96	0.277	≤0.4	PASS

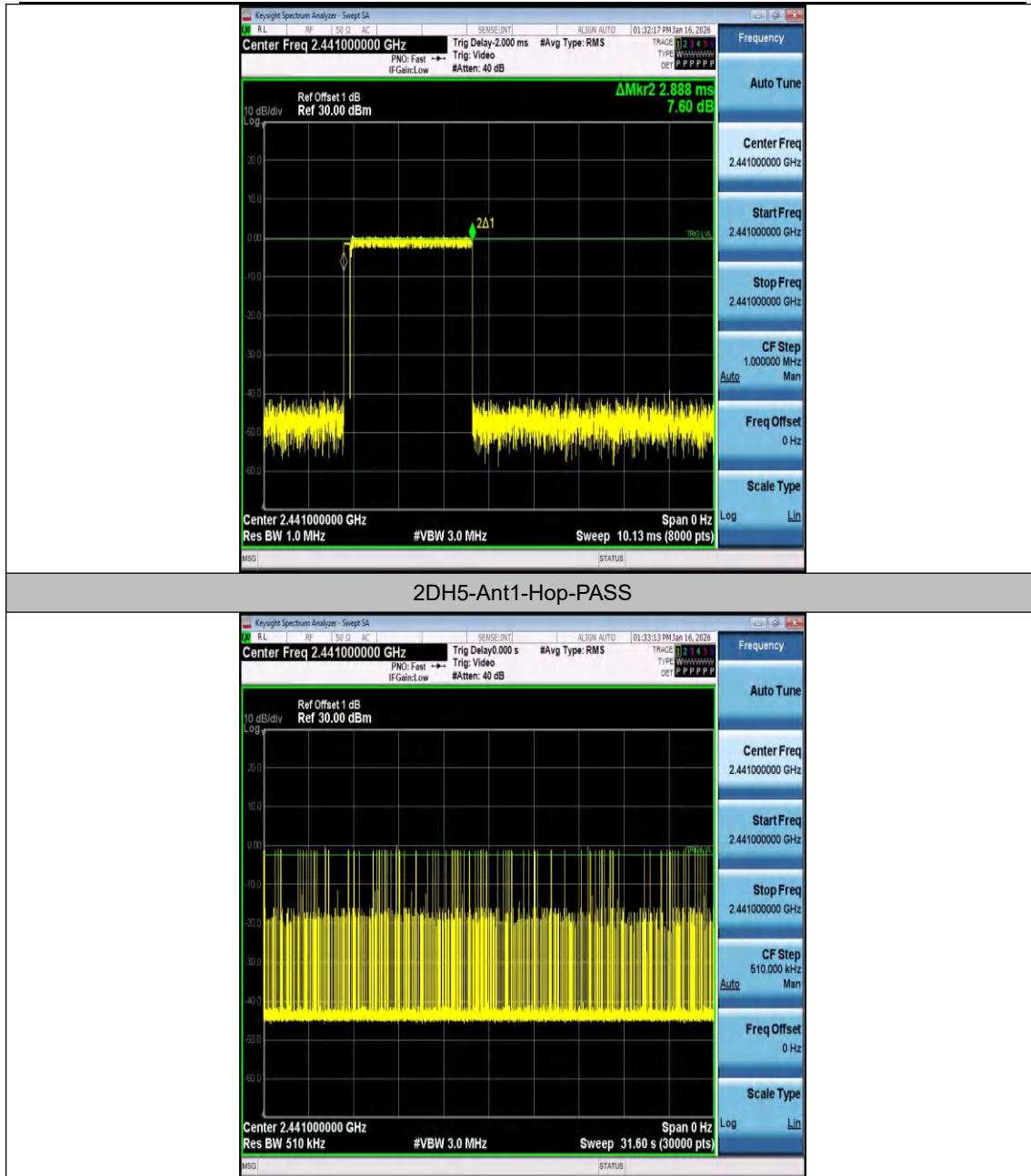
Test Graphs



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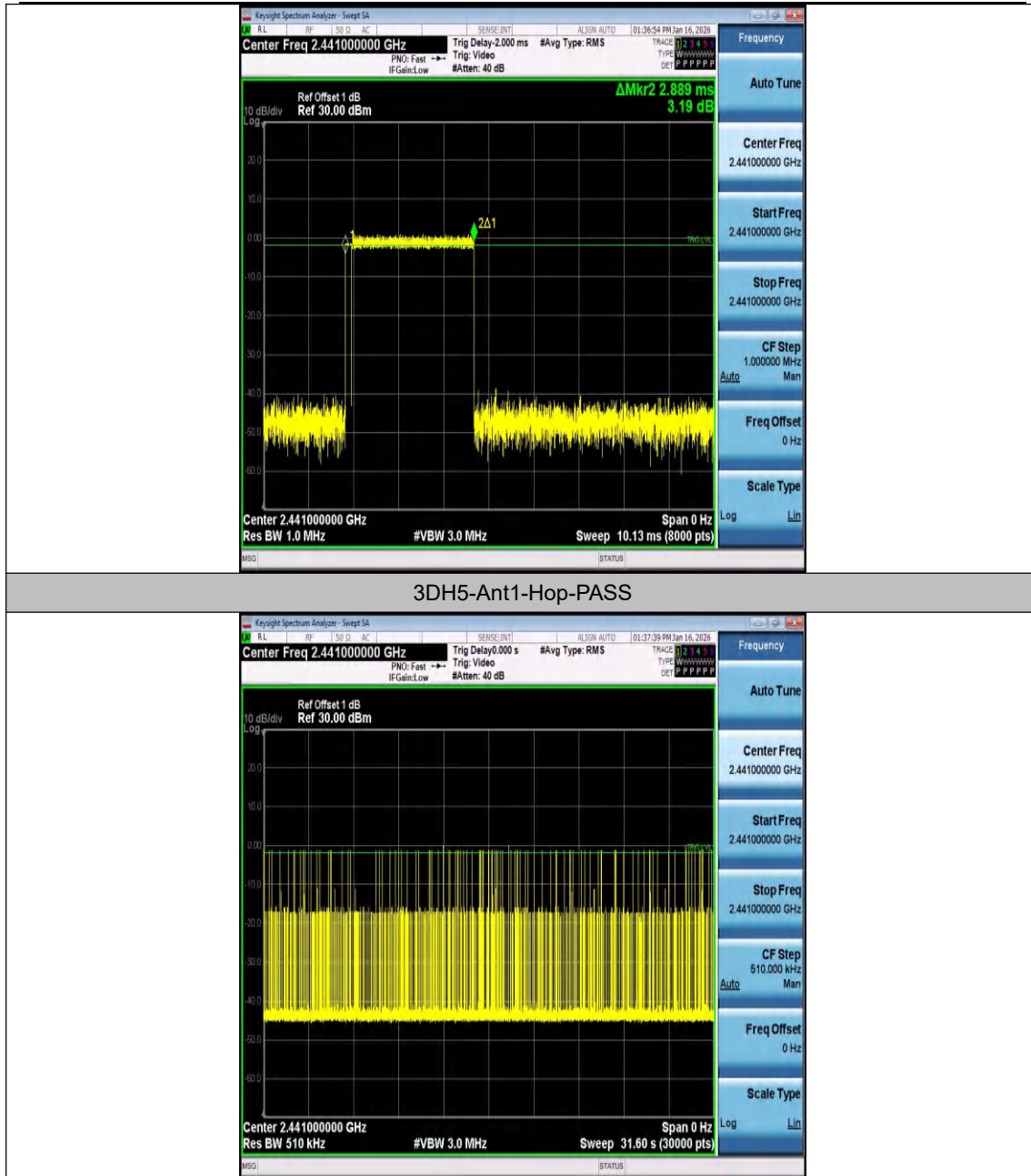
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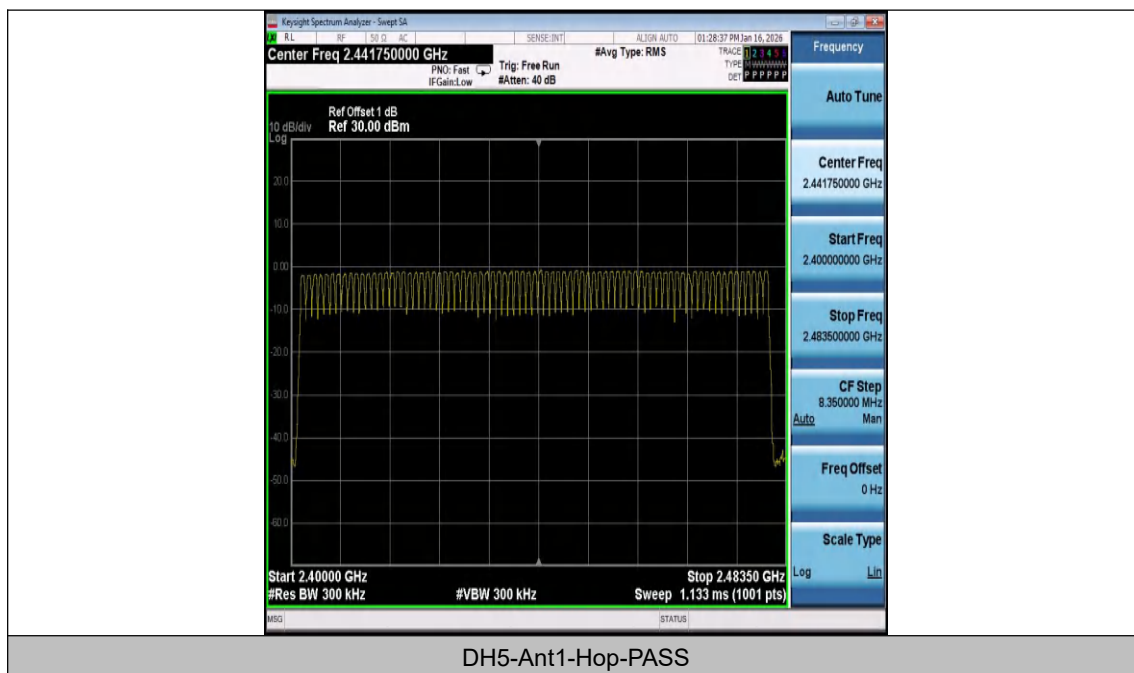
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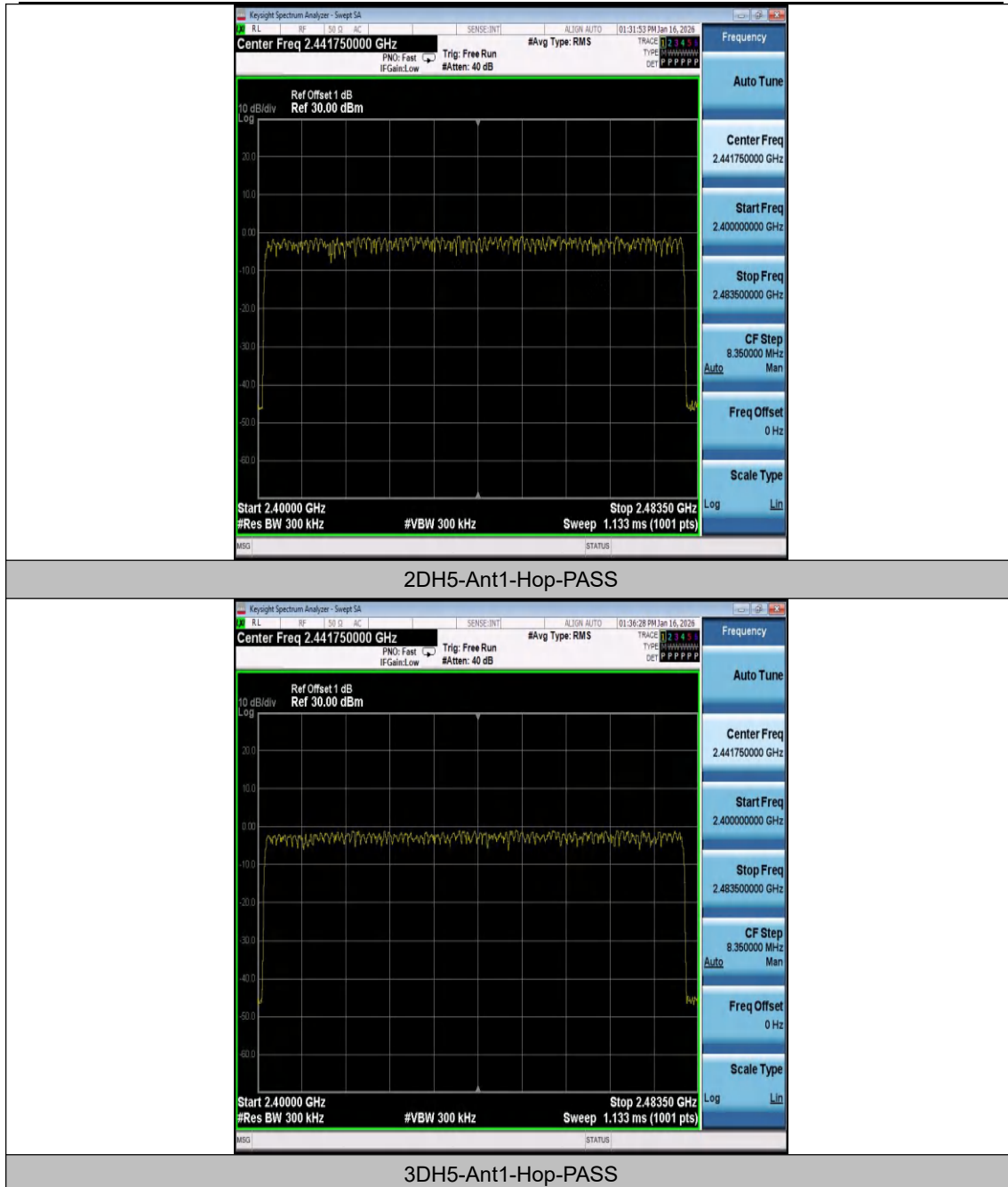
Appendix F: Number of Hopping Channel

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

Test Graphs





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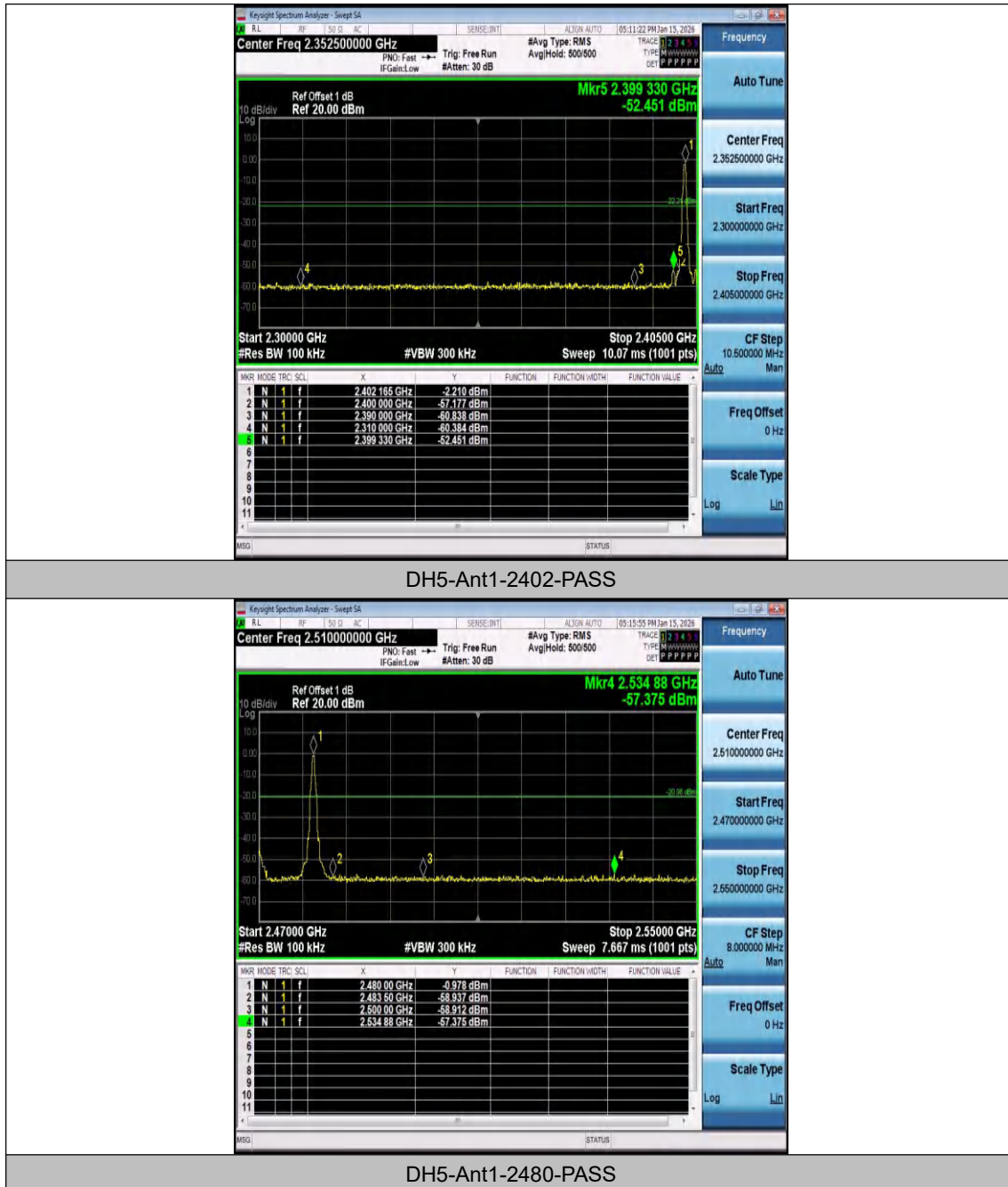
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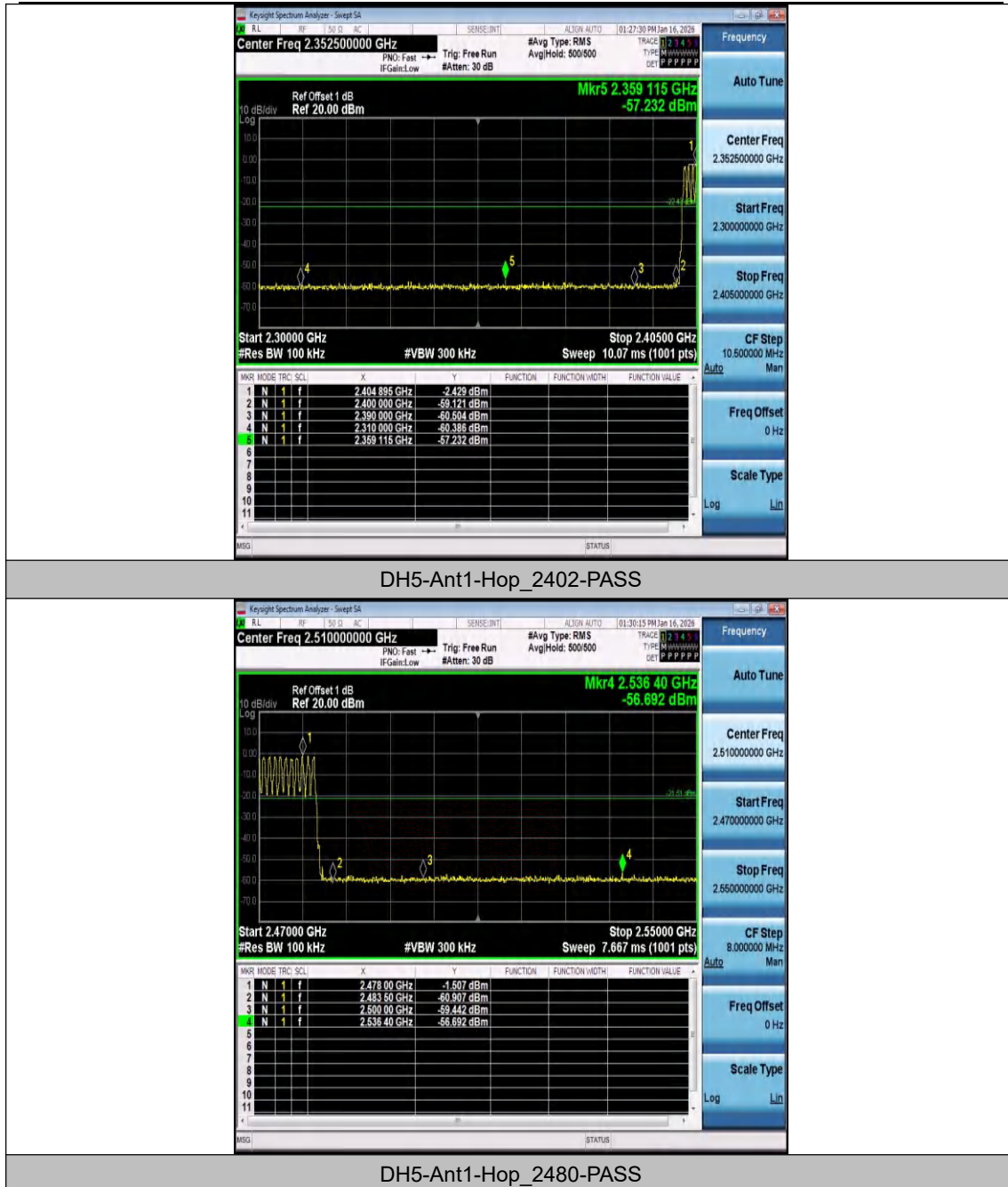
Appendix G: Conducted Band edge

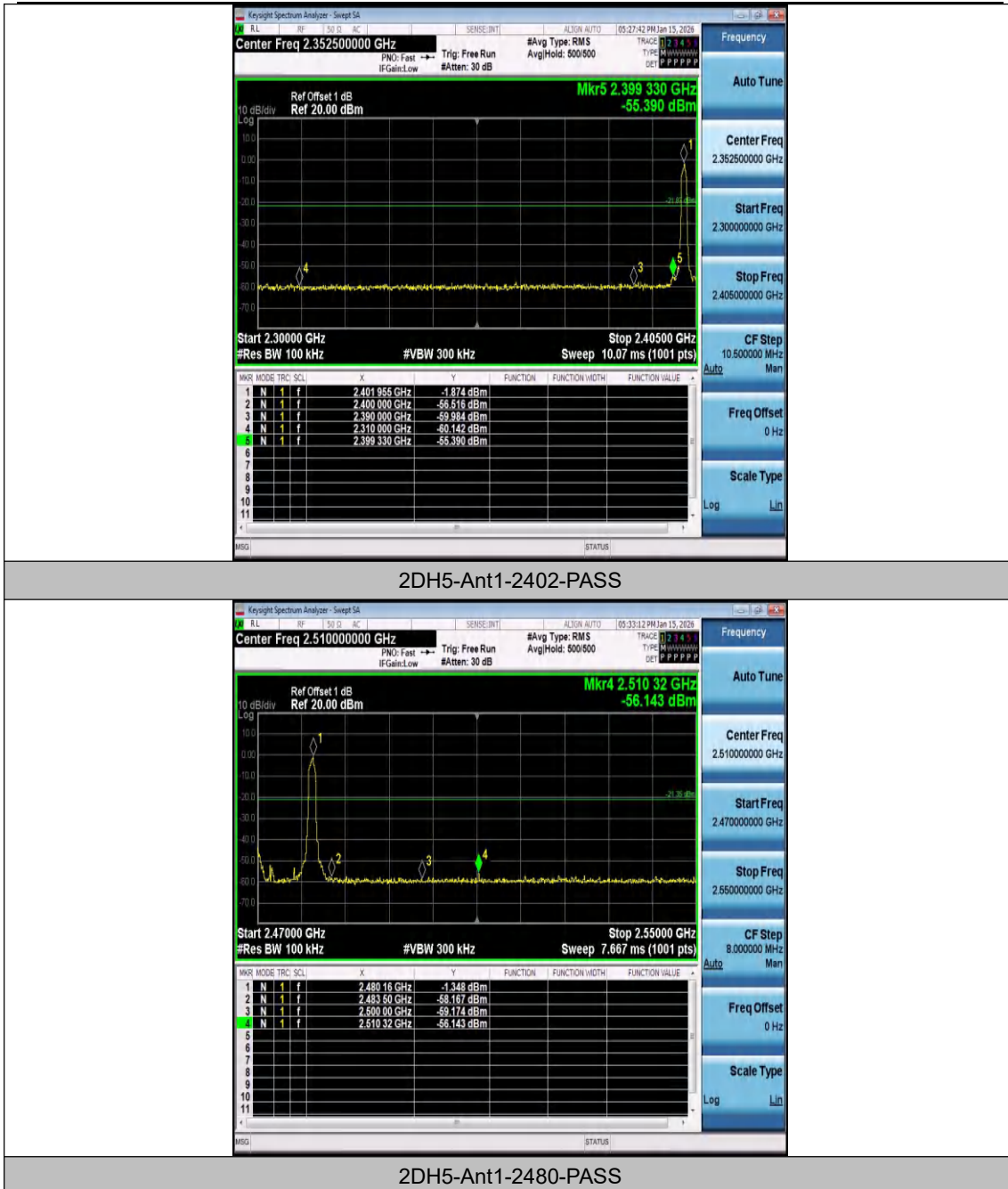
Test Result

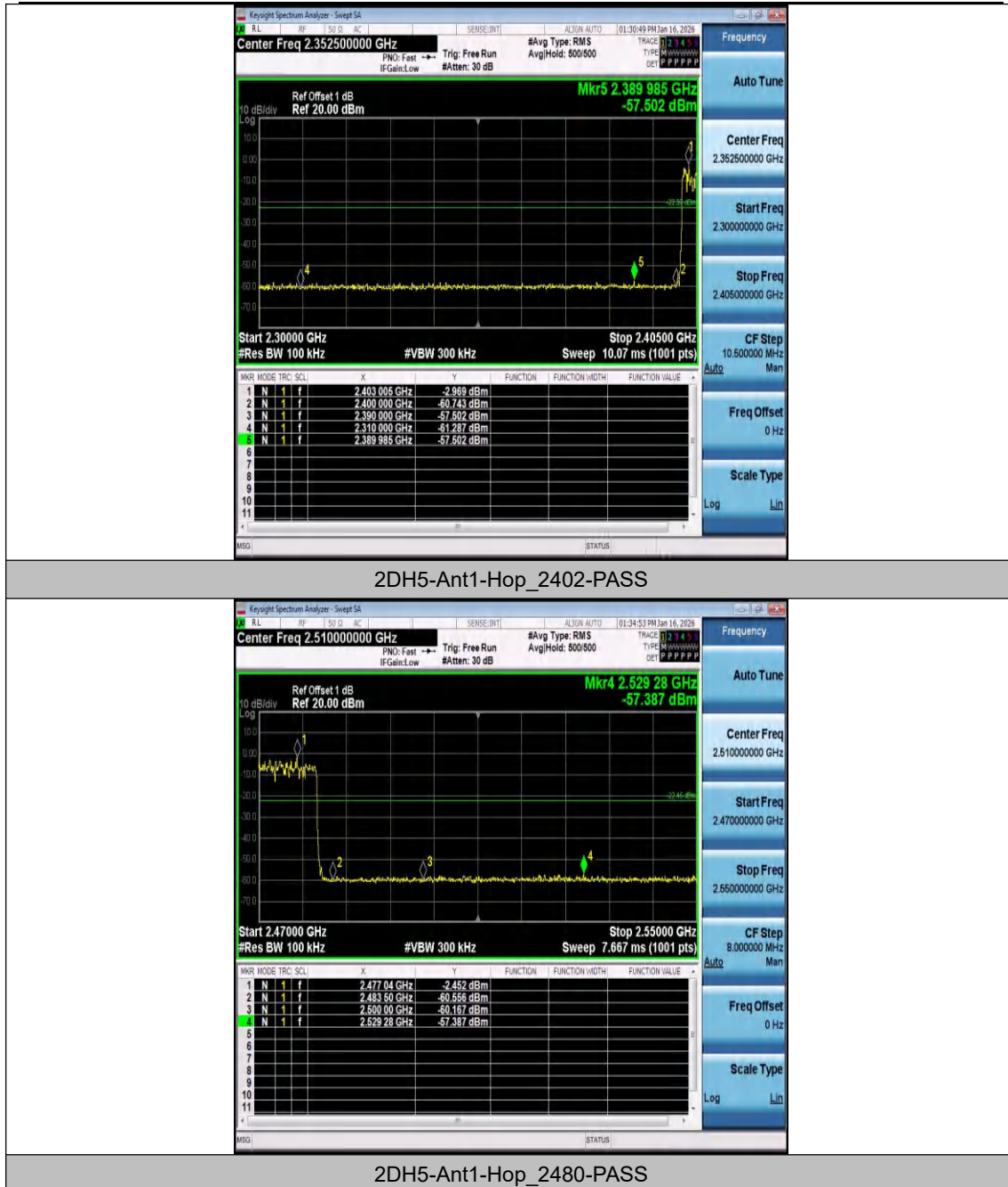
Test Mode	Antenna	Ch. Name	Frequency [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-2.21	-52.45	≤-22.21	PASS
DH5	Ant1	High	2480	-0.98	-57.38	≤-20.98	PASS
DH5	Ant1	Low	Hop_2402	-2.43	-57.23	≤-22.43	PASS
DH5	Ant1	High	Hop_2480	-1.51	-56.69	≤-21.51	PASS
2DH5	Ant1	Low	2402	-1.87	-55.39	≤-21.87	PASS
2DH5	Ant1	High	2480	-1.35	-56.14	≤-21.35	PASS
2DH5	Ant1	Low	Hop_2402	-2.97	-57.5	≤-22.97	PASS
2DH5	Ant1	High	Hop_2480	-2.45	-57.39	≤-22.45	PASS
3DH5	Ant1	Low	2402	-1.79	-55.68	≤-21.79	PASS
3DH5	Ant1	High	2480	-1.10	-51.09	≤-21.1	PASS
3DH5	Ant1	Low	Hop_2402	-4.04	-57.59	≤-24.04	PASS
3DH5	Ant1	High	Hop_2480	-2.81	-56.74	≤-22.81	PASS

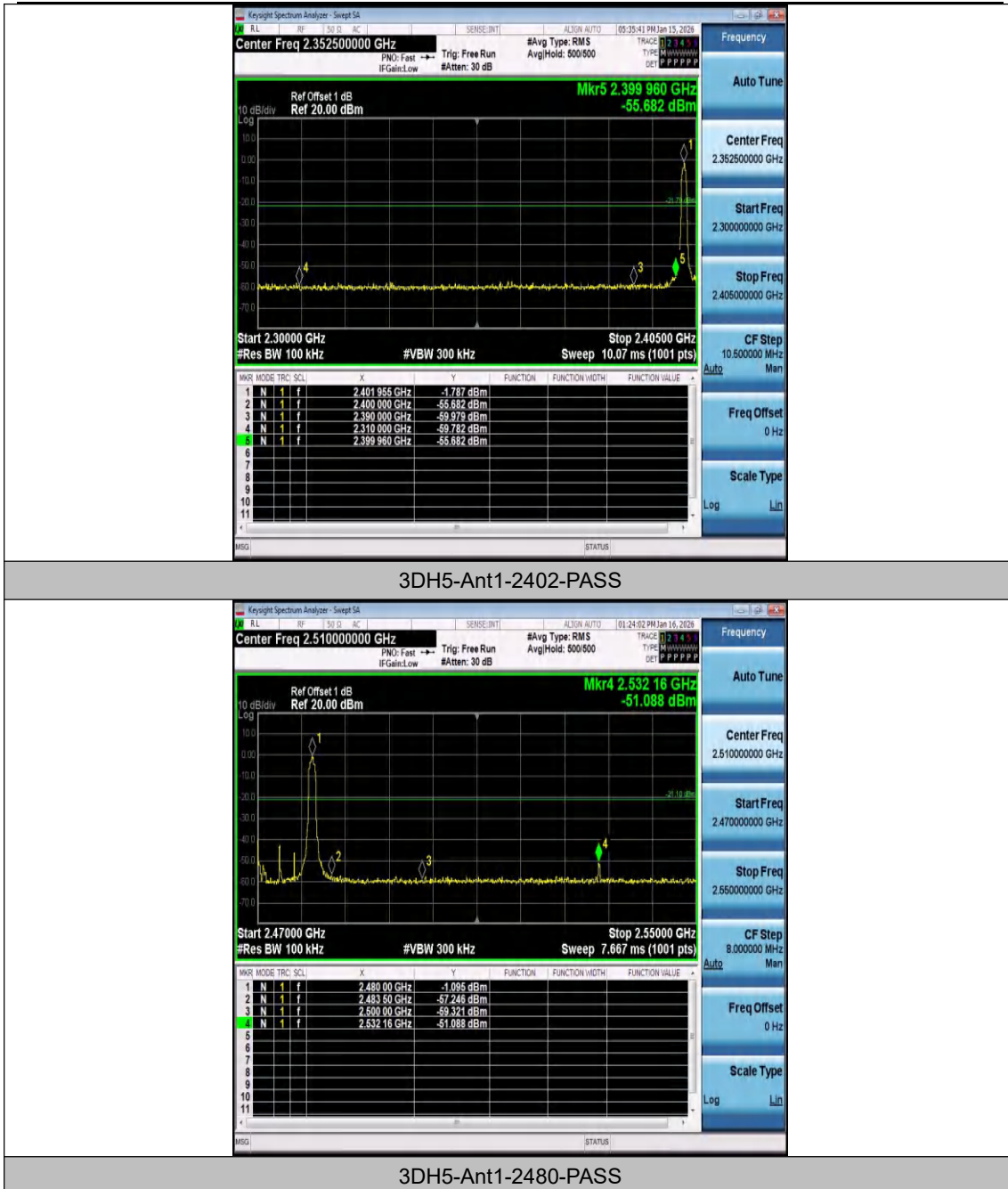
Test Graphs

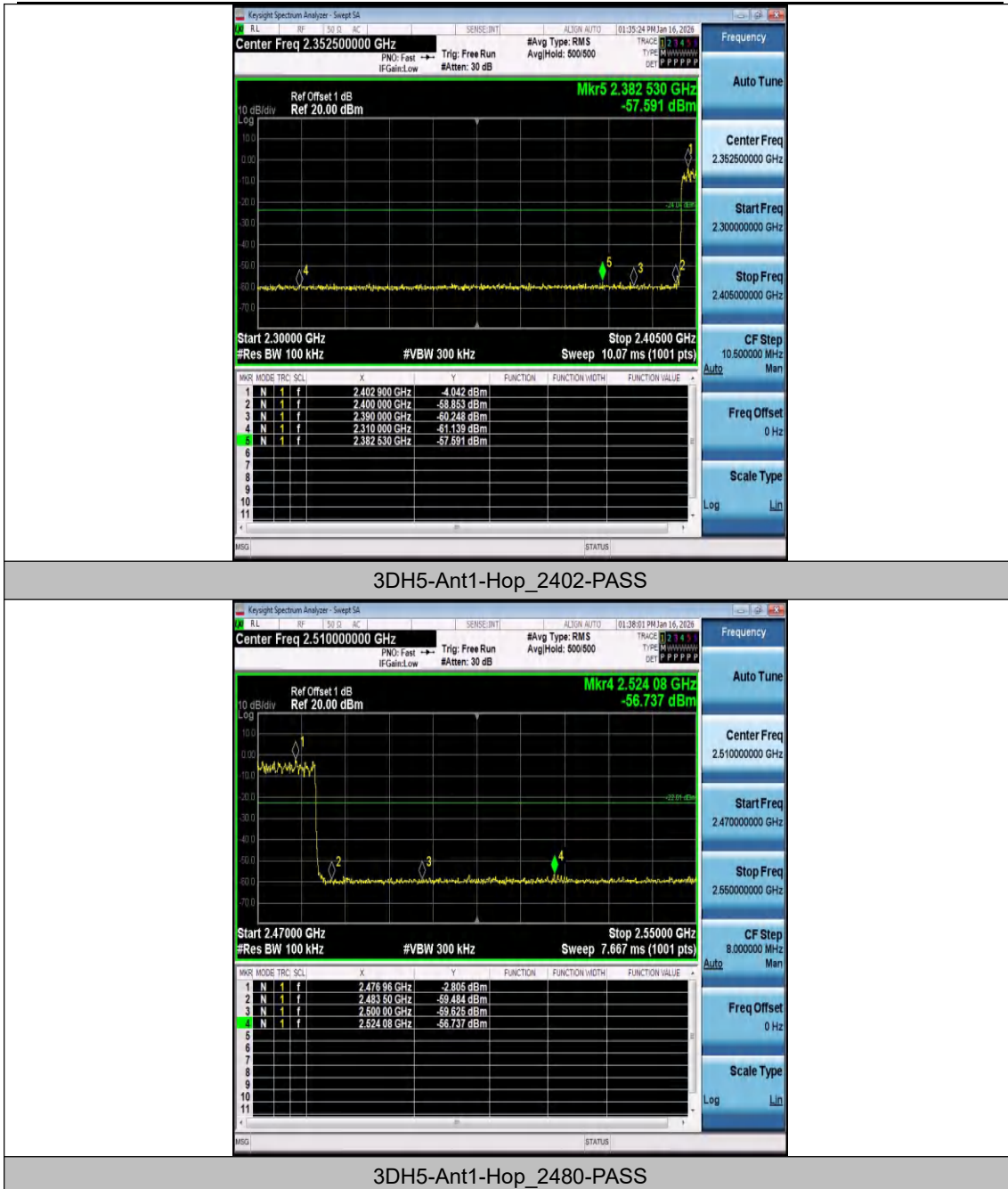












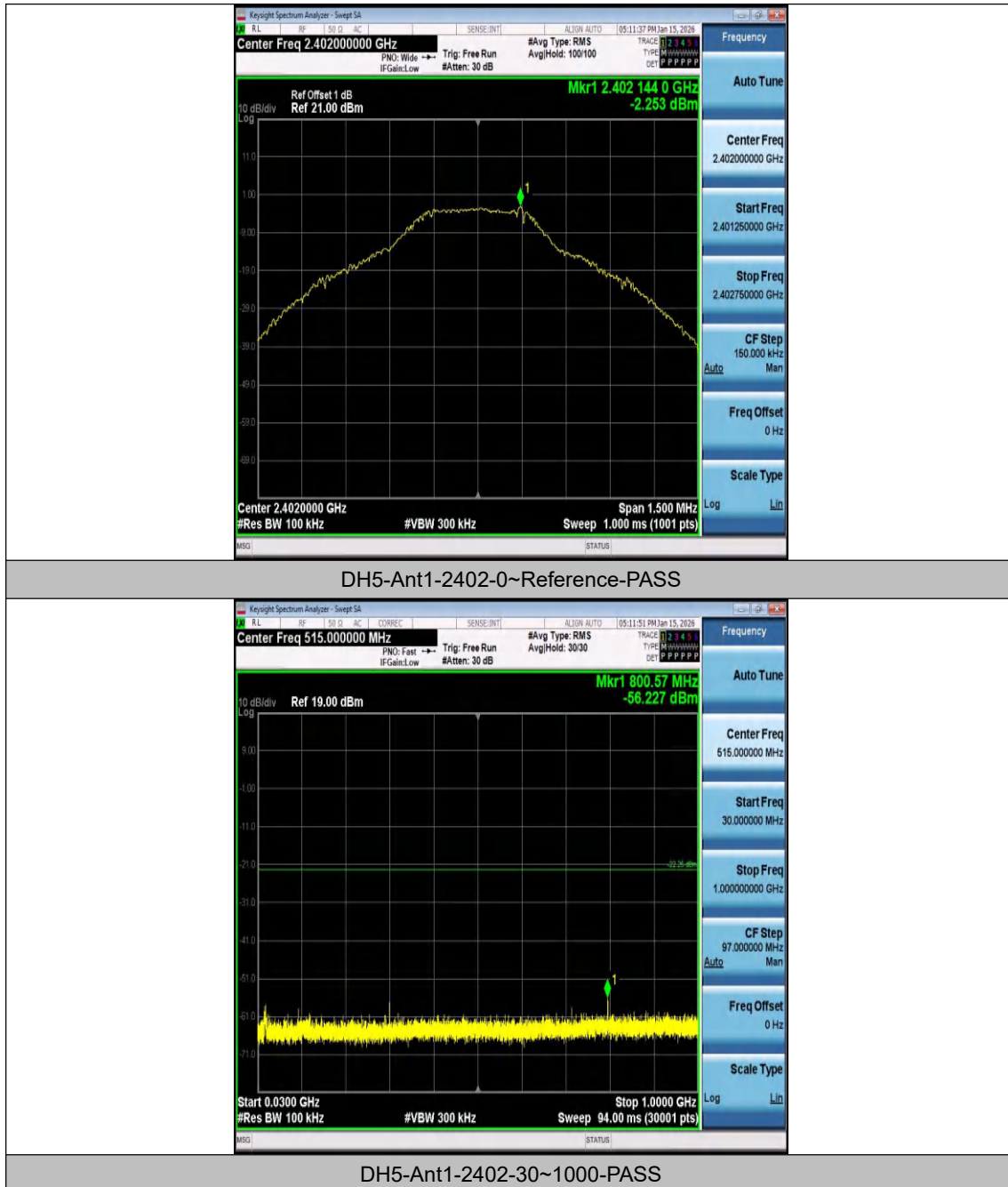
Appendix H: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency[MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	0~Reference	-2.25	-2.25	---	PASS
DH5	Ant1	2402	30~1000	-2.25	-56.23	≤-22.25	PASS
DH5	Ant1	2402	1000~26500	-2.25	-25.21	≤-22.25	PASS
DH5	Ant1	2441	0~Reference	-1.86	-1.86	---	PASS
DH5	Ant1	2441	30~1000	-1.86	-56	≤-21.86	PASS
DH5	Ant1	2441	1000~26500	-1.86	-33.09	≤-21.86	PASS
DH5	Ant1	2480	0~Reference	-1.47	-1.47	---	PASS
DH5	Ant1	2480	30~1000	-1.47	-55.4	≤-21.47	PASS
DH5	Ant1	2480	1000~26500	-1.47	-30.61	≤-21.47	PASS
2DH5	Ant1	2402	0~Reference	-2.54	-2.54	---	PASS
2DH5	Ant1	2402	30~1000	-2.54	-56.65	≤-22.54	PASS
2DH5	Ant1	2402	1000~26500	-2.54	-48.27	≤-22.54	PASS
2DH5	Ant1	2441	0~Reference	-1.81	-1.81	---	PASS
2DH5	Ant1	2441	30~1000	-1.81	-55.79	≤-21.81	PASS
2DH5	Ant1	2441	1000~26500	-1.81	-49.1	≤-21.81	PASS
2DH5	Ant1	2480	0~Reference	-2.28	-2.28	---	PASS
2DH5	Ant1	2480	30~1000	-2.28	-55.54	≤-22.28	PASS
2DH5	Ant1	2480	1000~26500	-2.28	-48.69	≤-22.28	PASS
3DH5	Ant1	2402	0~Reference	-2.99	-2.99	---	PASS
3DH5	Ant1	2402	30~1000	-2.99	-56.13	≤-22.99	PASS
3DH5	Ant1	2402	1000~26500	-2.99	-47.73	≤-22.99	PASS
3DH5	Ant1	2441	0~Reference	-1.29	-1.29	---	PASS
3DH5	Ant1	2441	30~1000	-1.29	-54.69	≤-21.29	PASS
3DH5	Ant1	2441	1000~26500	-1.29	-44.51	≤-21.29	PASS
3DH5	Ant1	2480	0~Reference	-1.69	-1.69	---	PASS
3DH5	Ant1	2480	30~1000	-1.69	-55.89	≤-21.69	PASS
3DH5	Ant1	2480	1000~26500	-1.69	-41.72	≤-21.69	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.

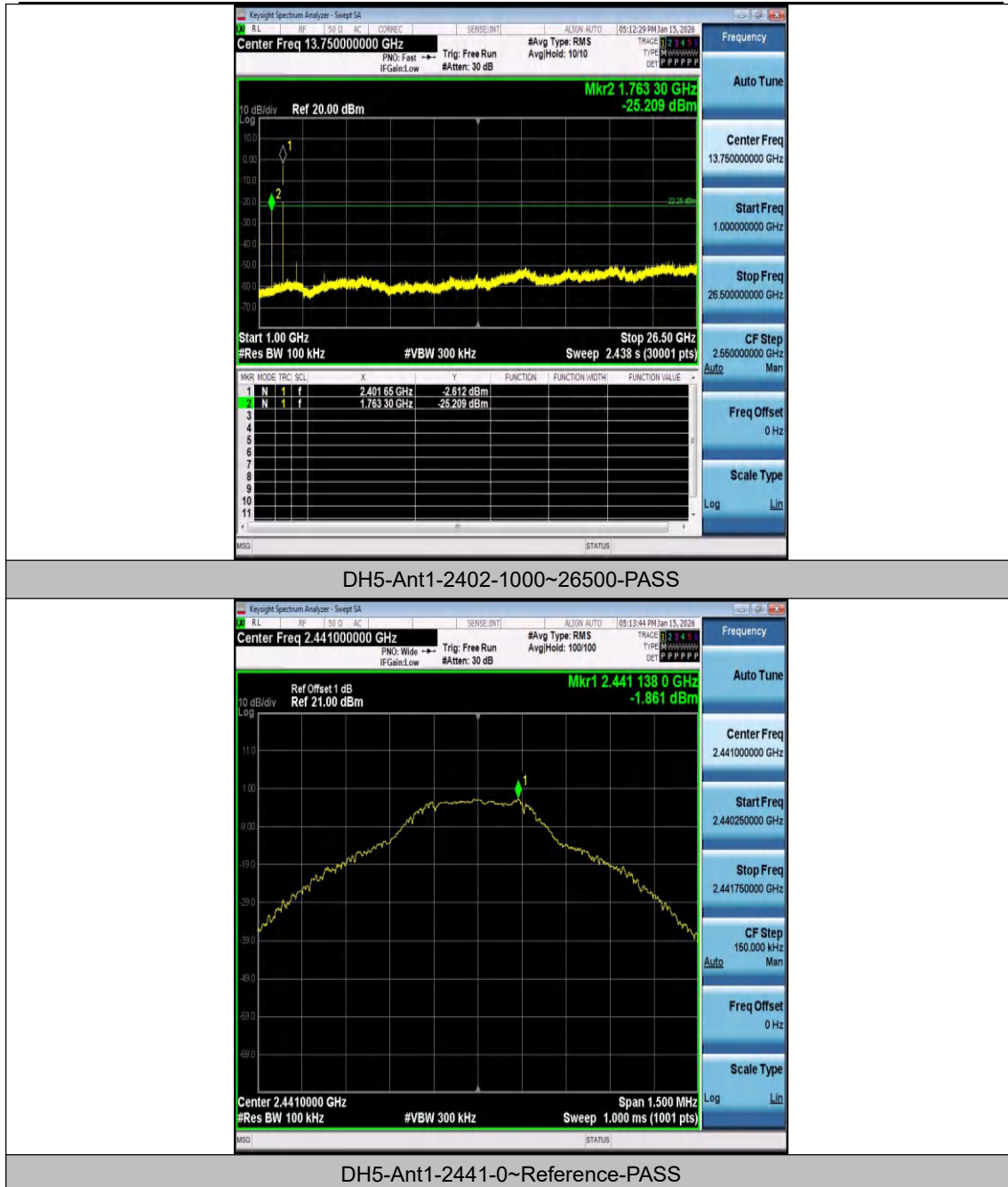
Test Graphs



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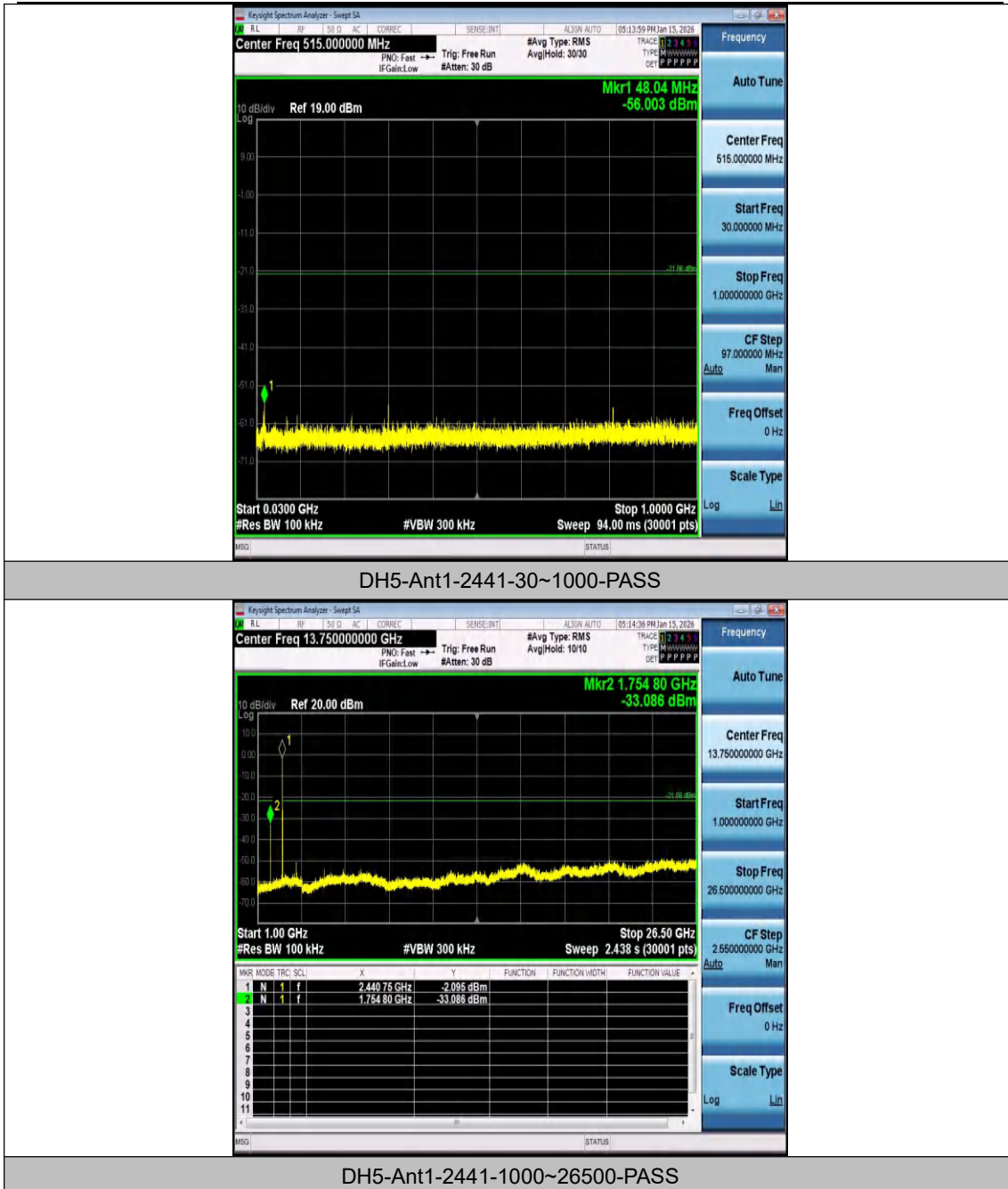
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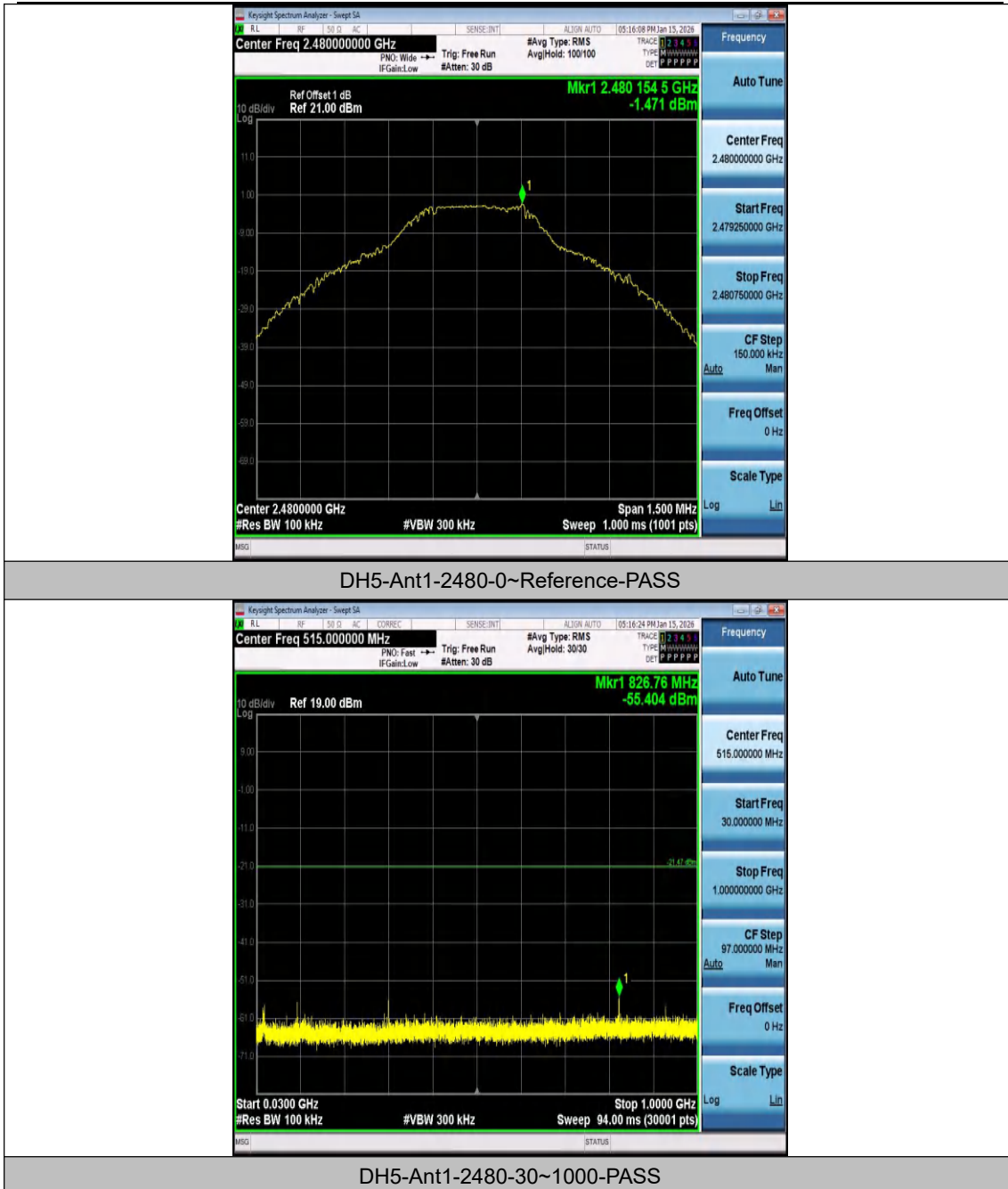
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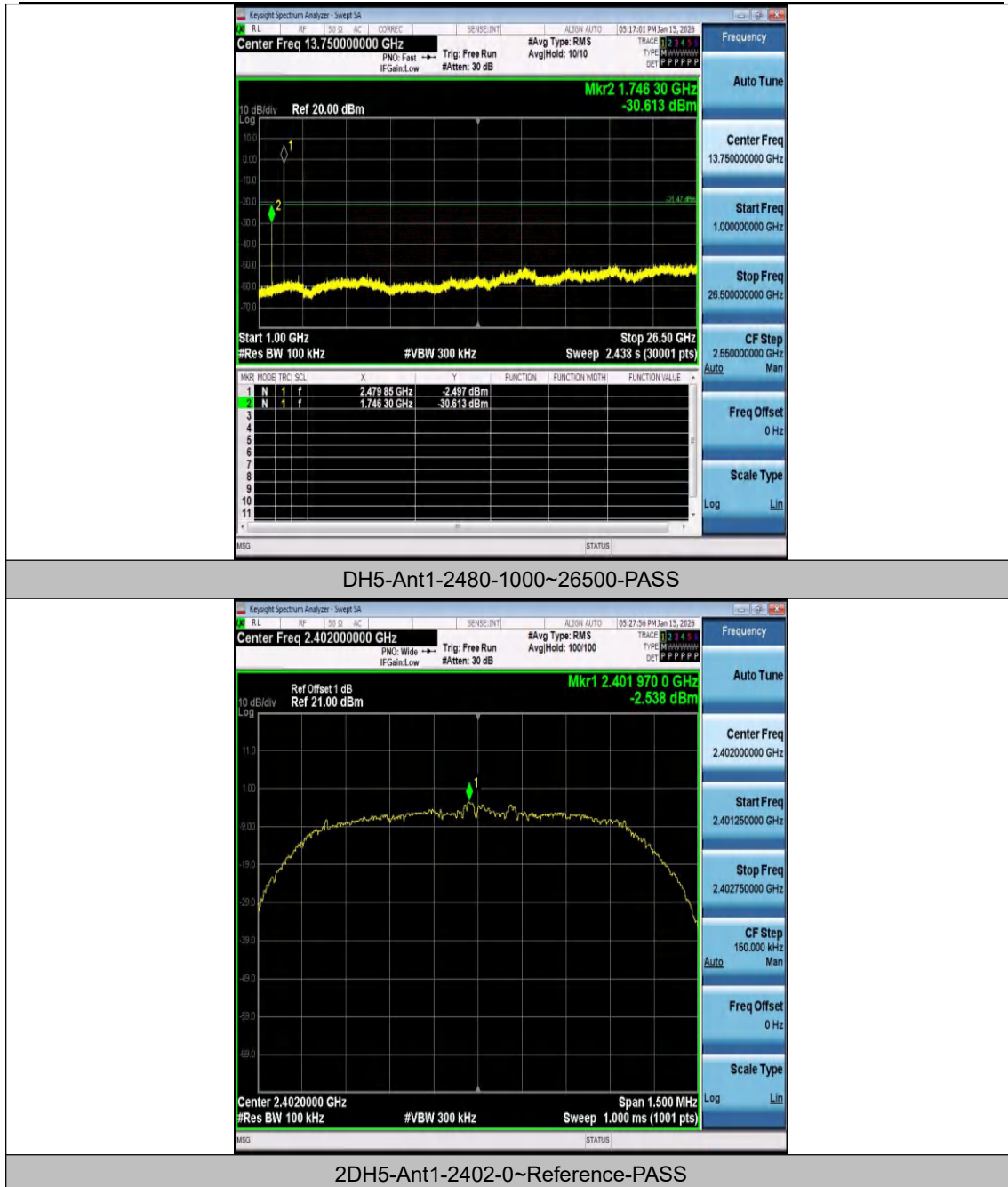
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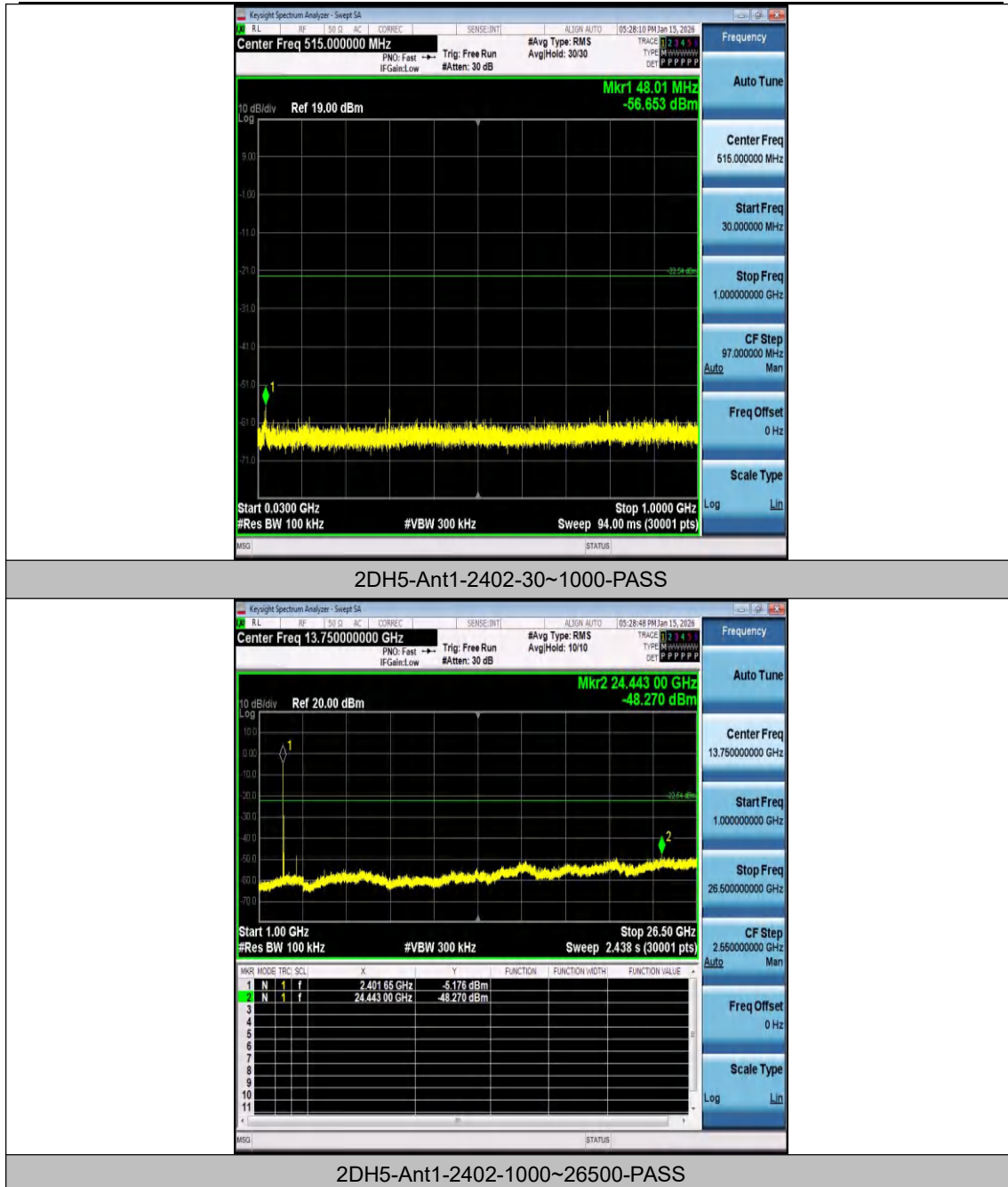
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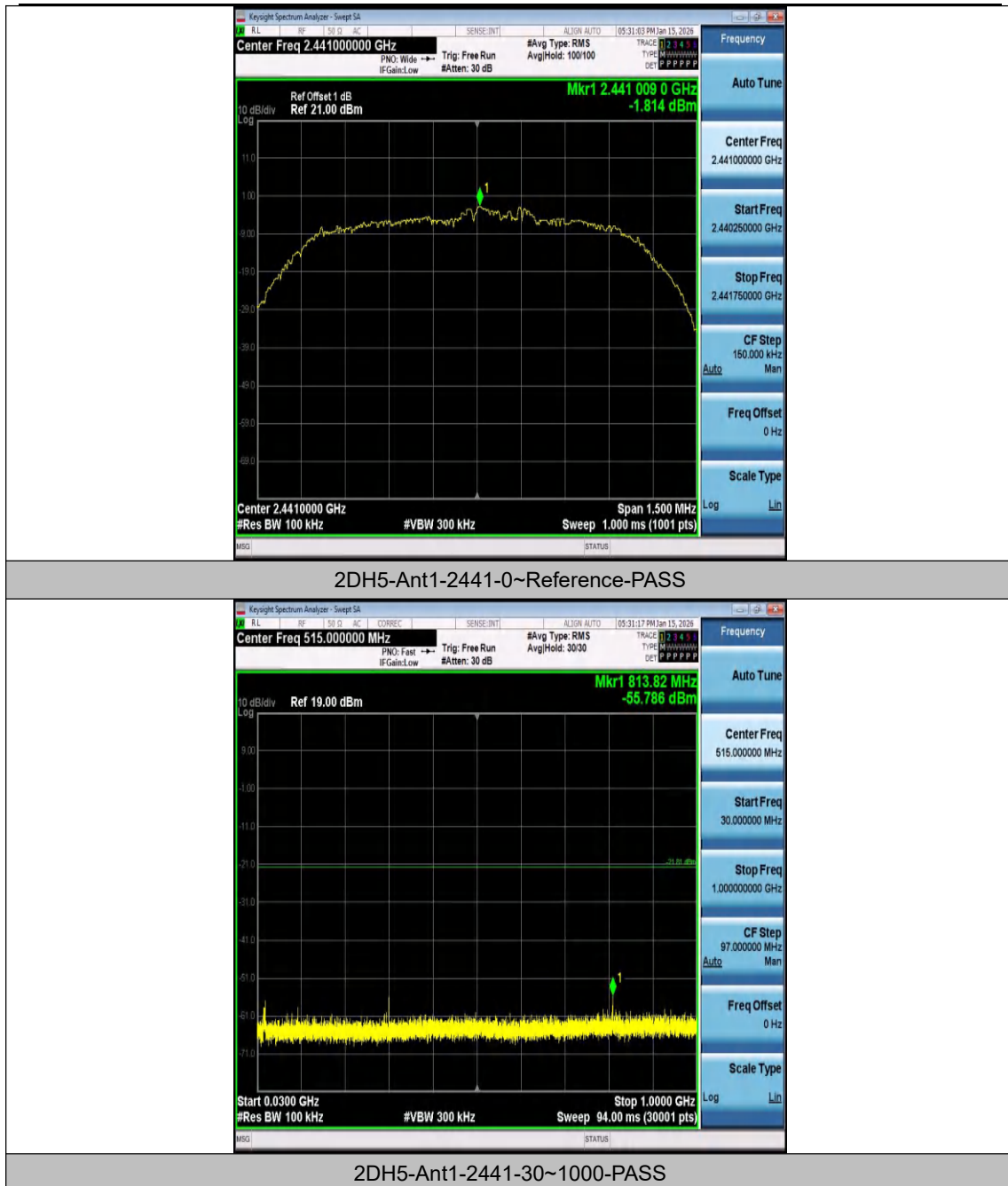
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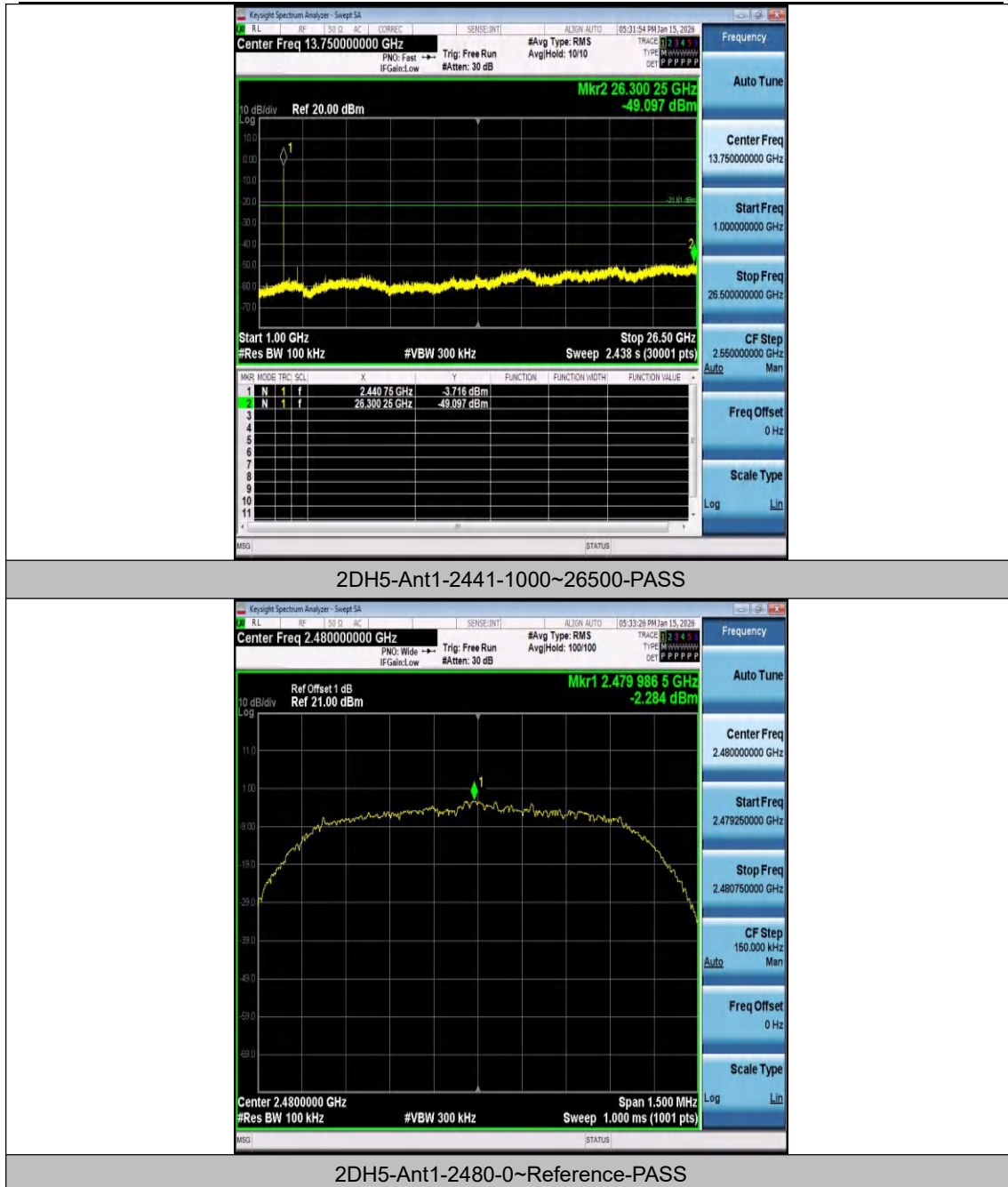
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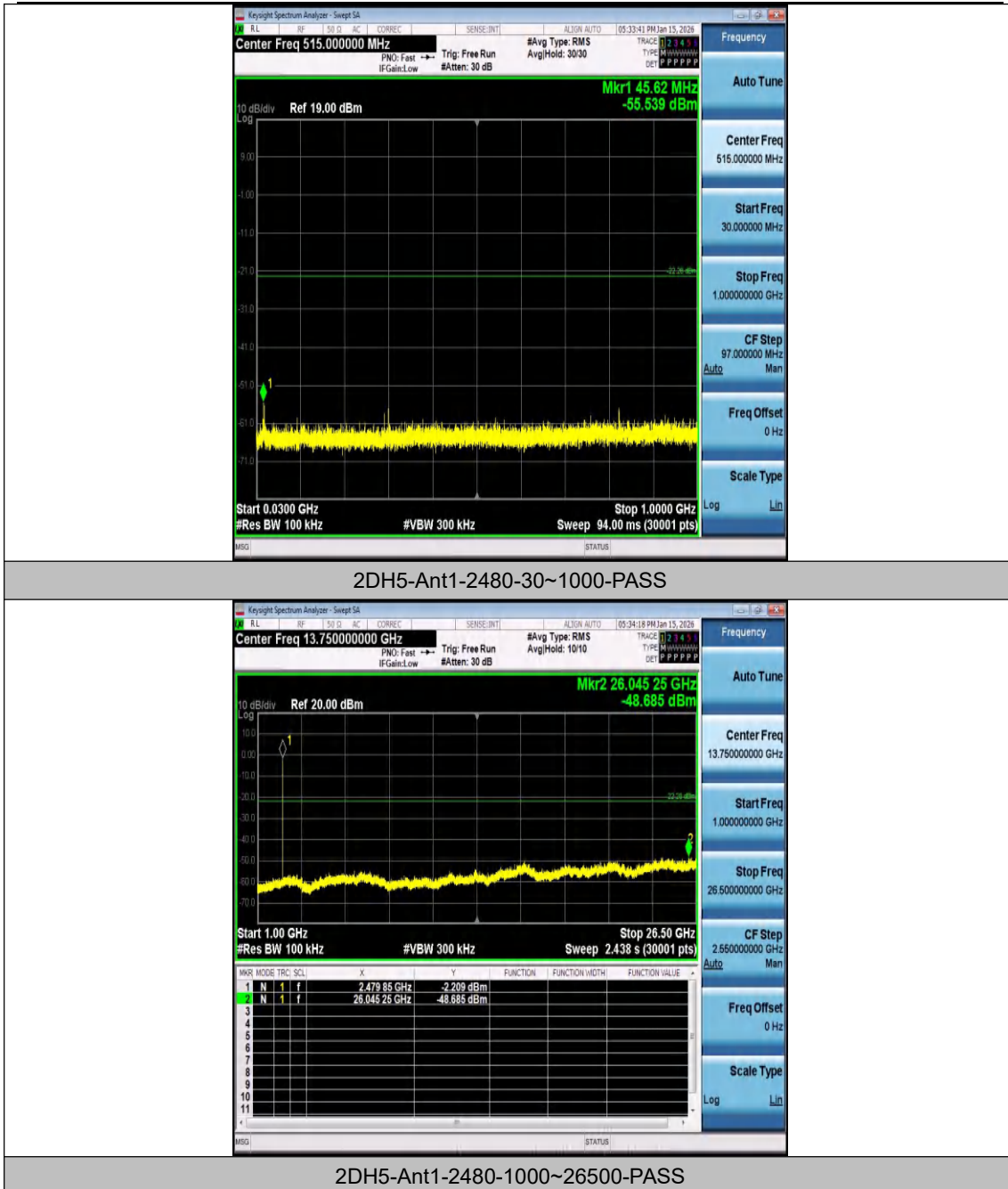
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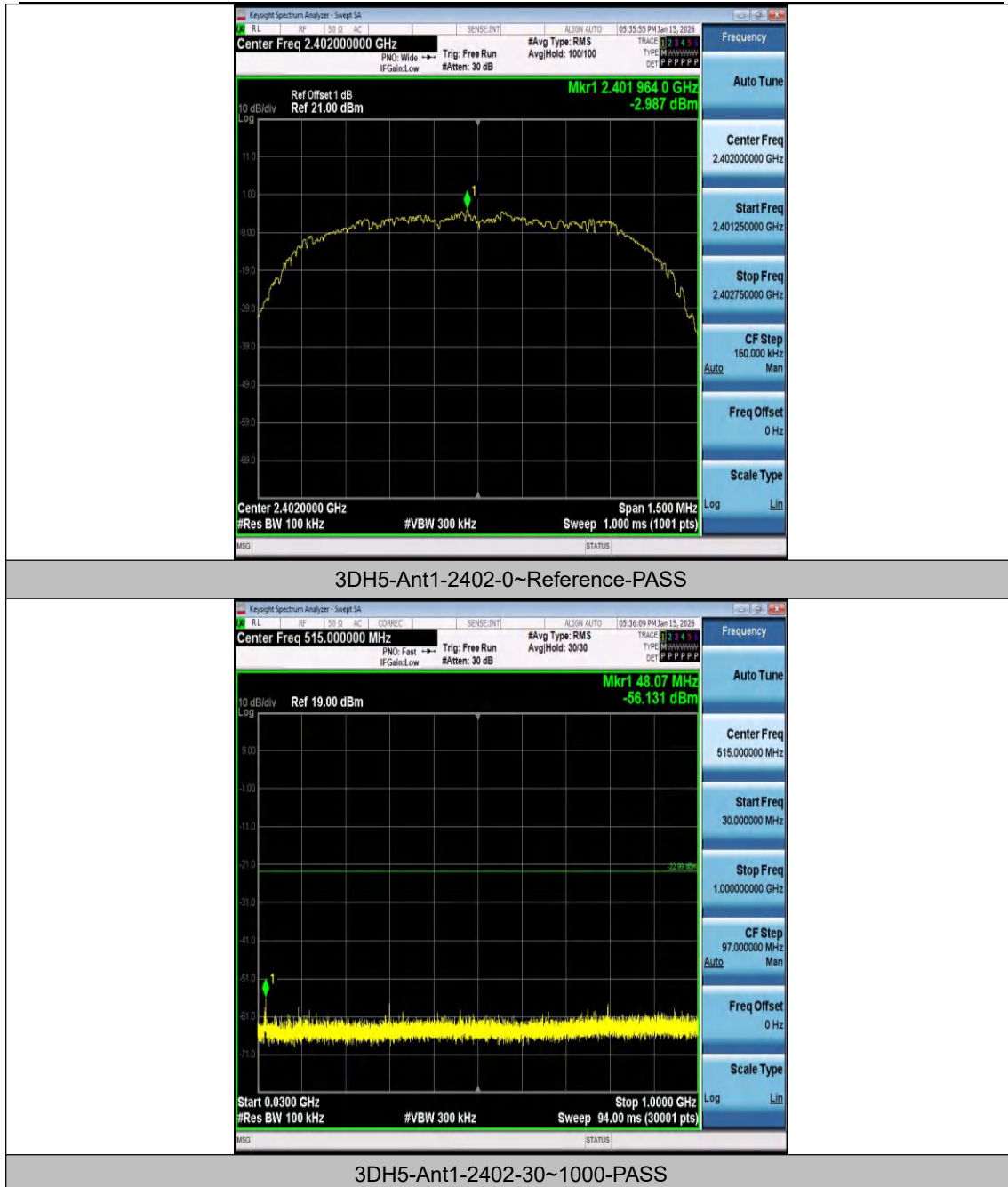
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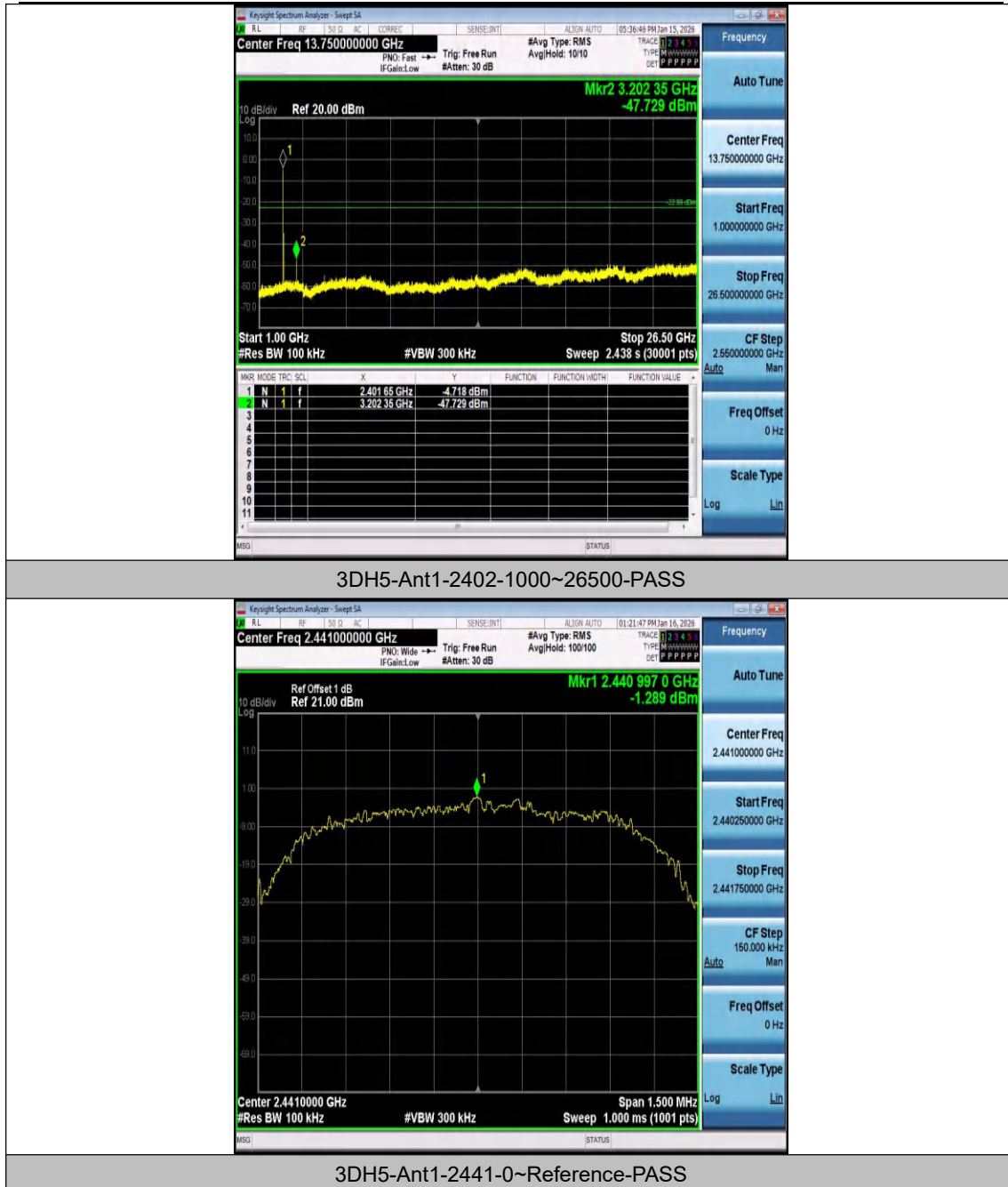
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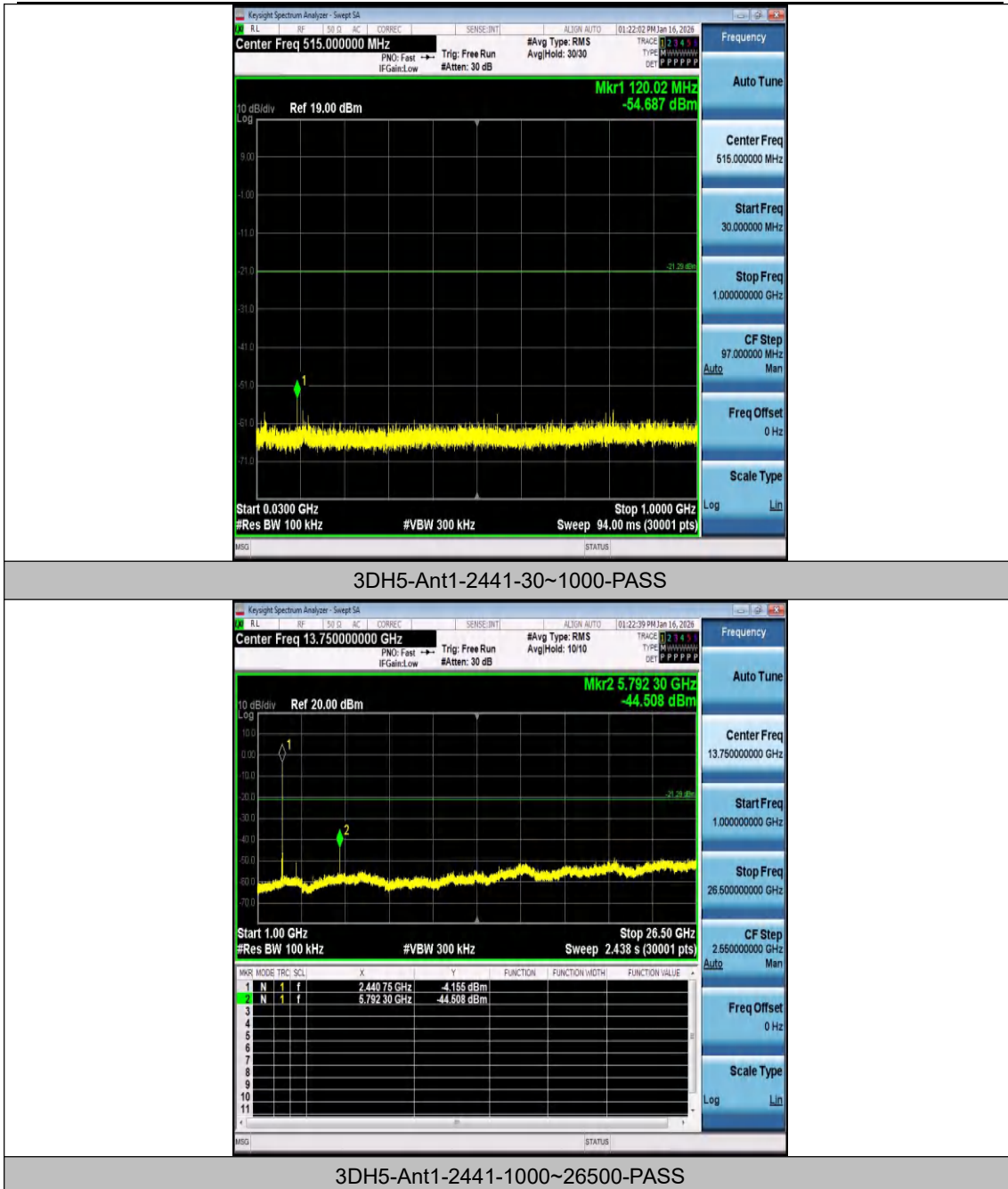


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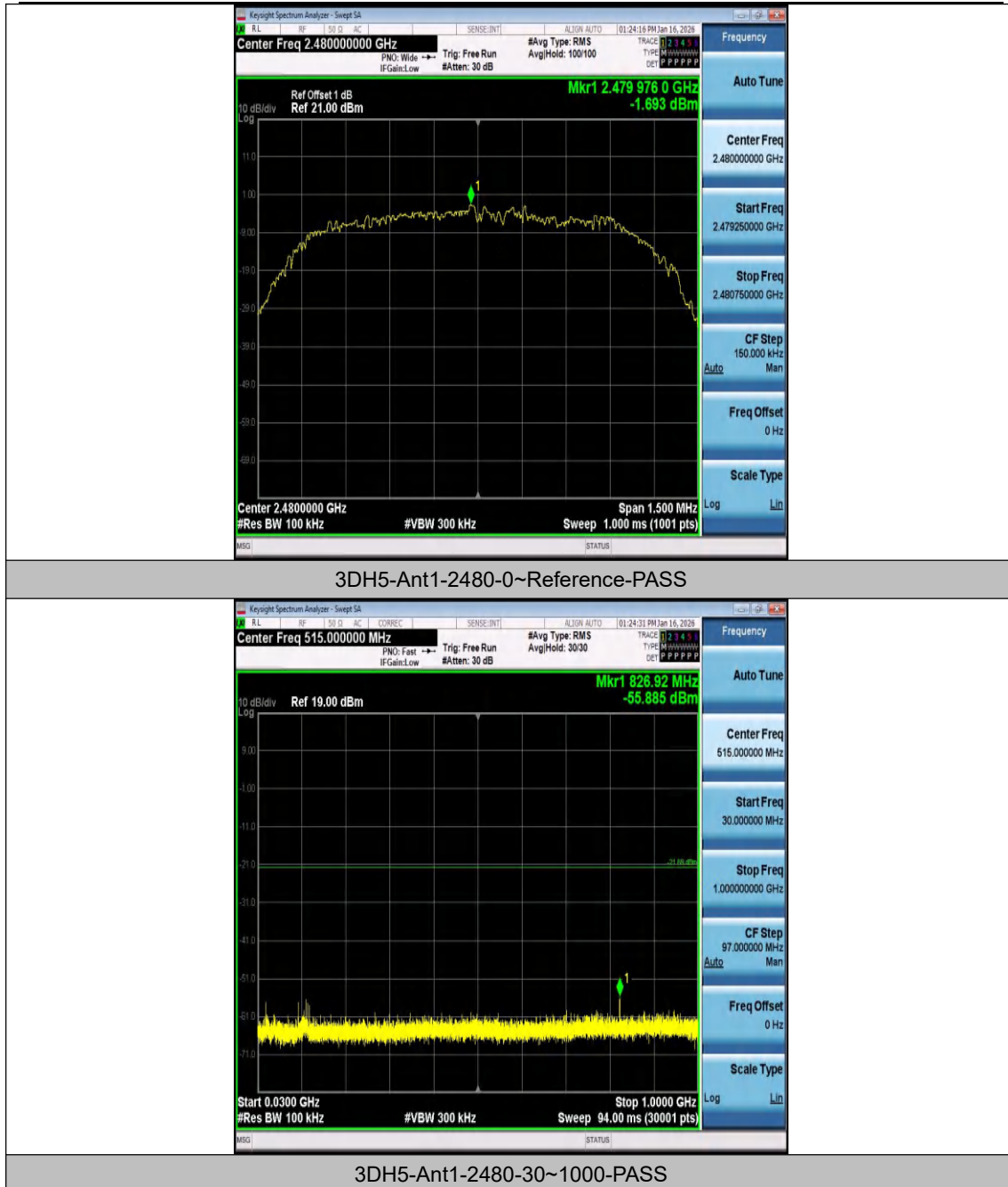




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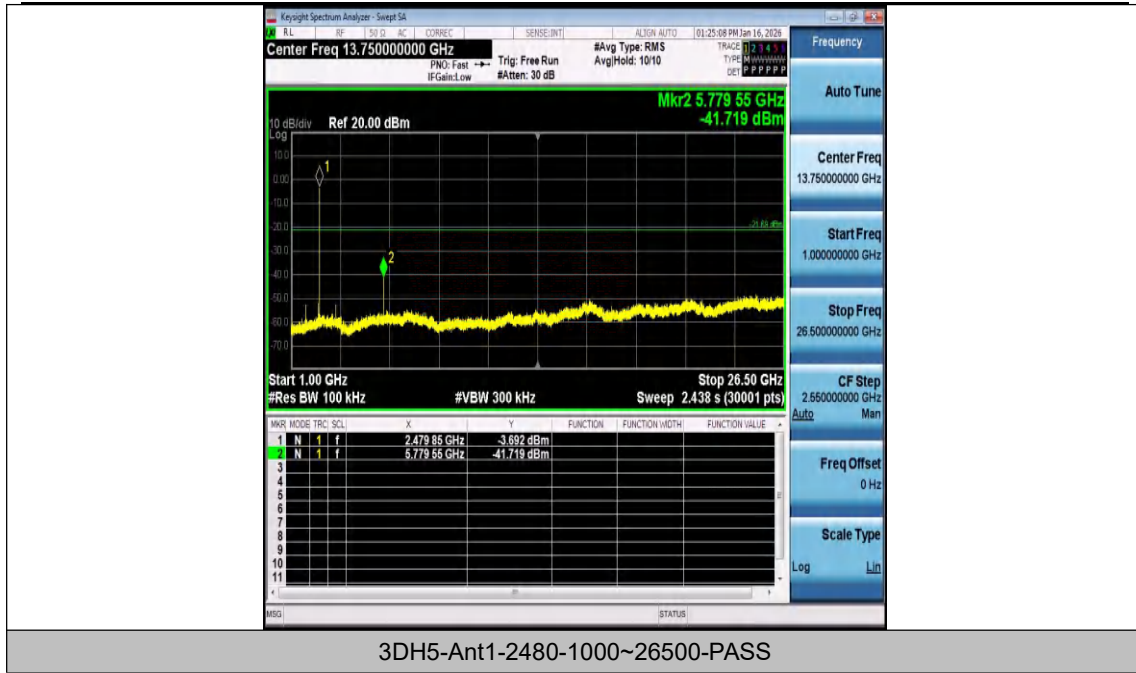
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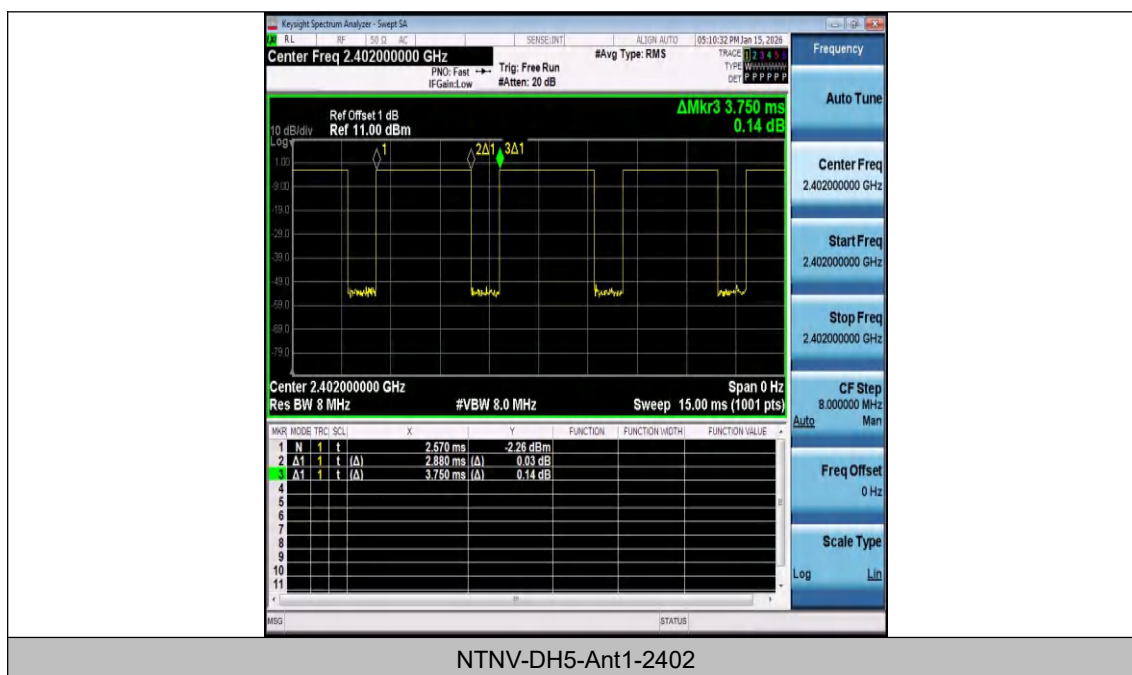
Hotline: 400-003-0500 web: www.anbotek.com E-mail: service@anbotek.com

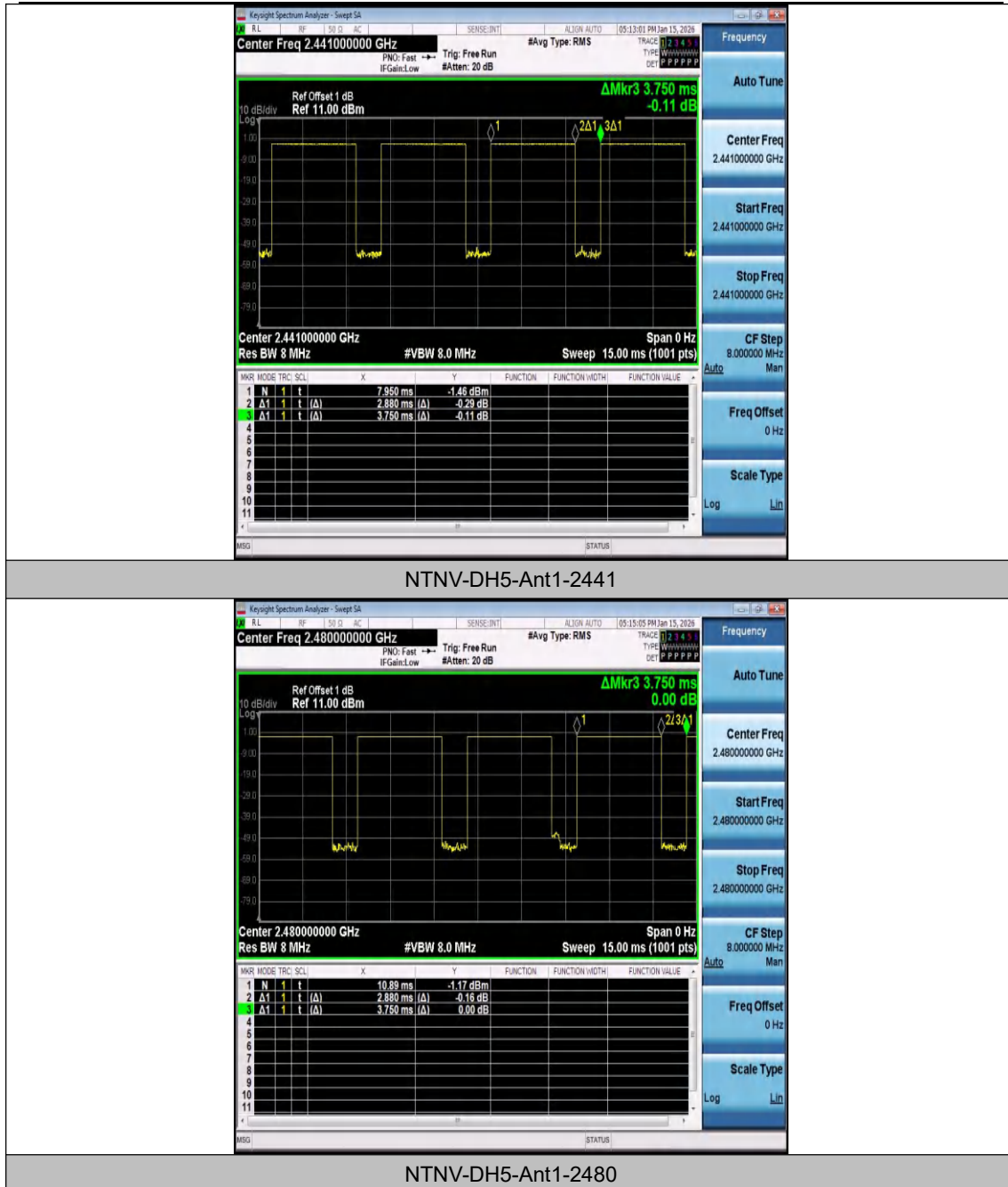
Appendix I: Duty Cycle

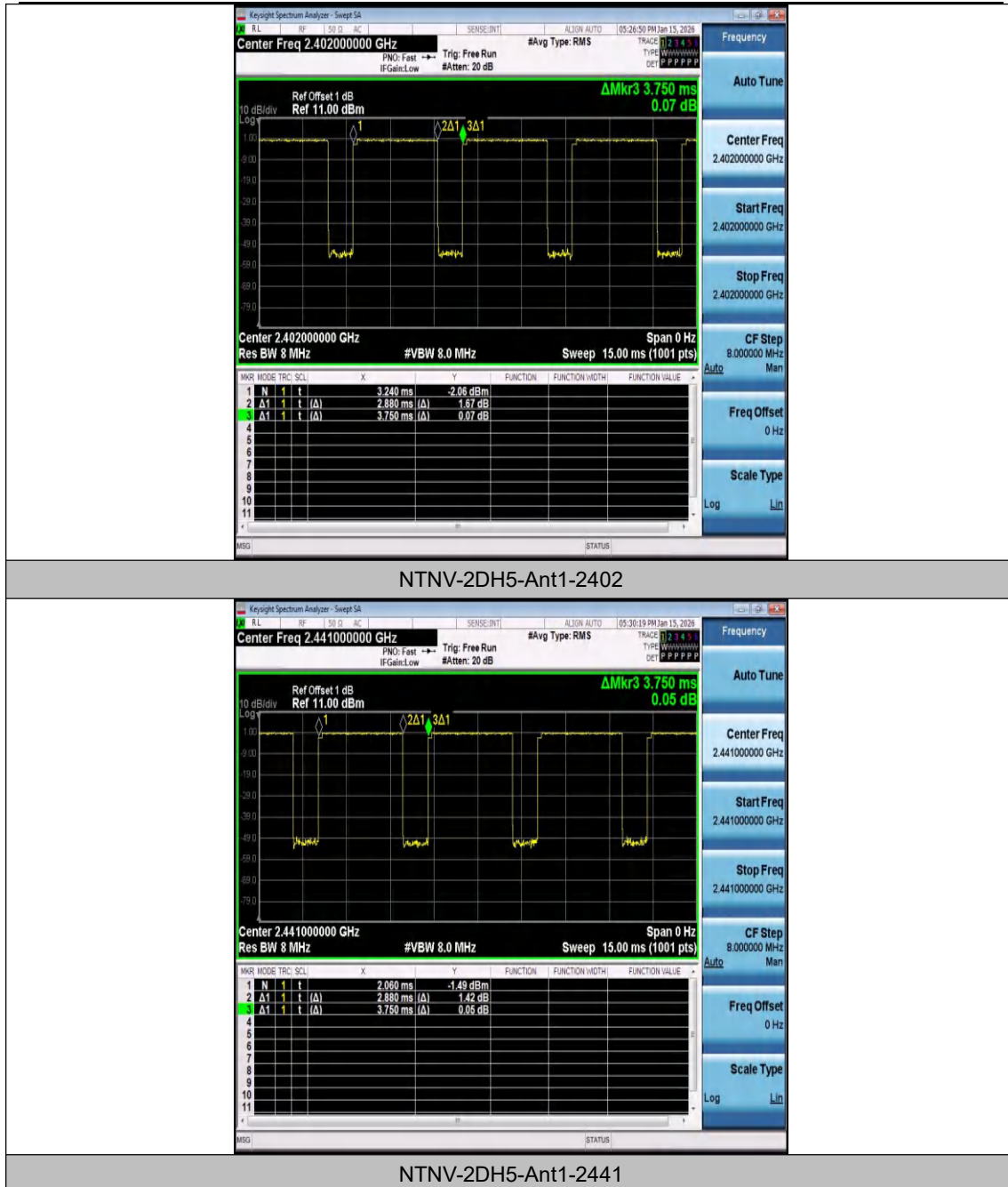
Test Result

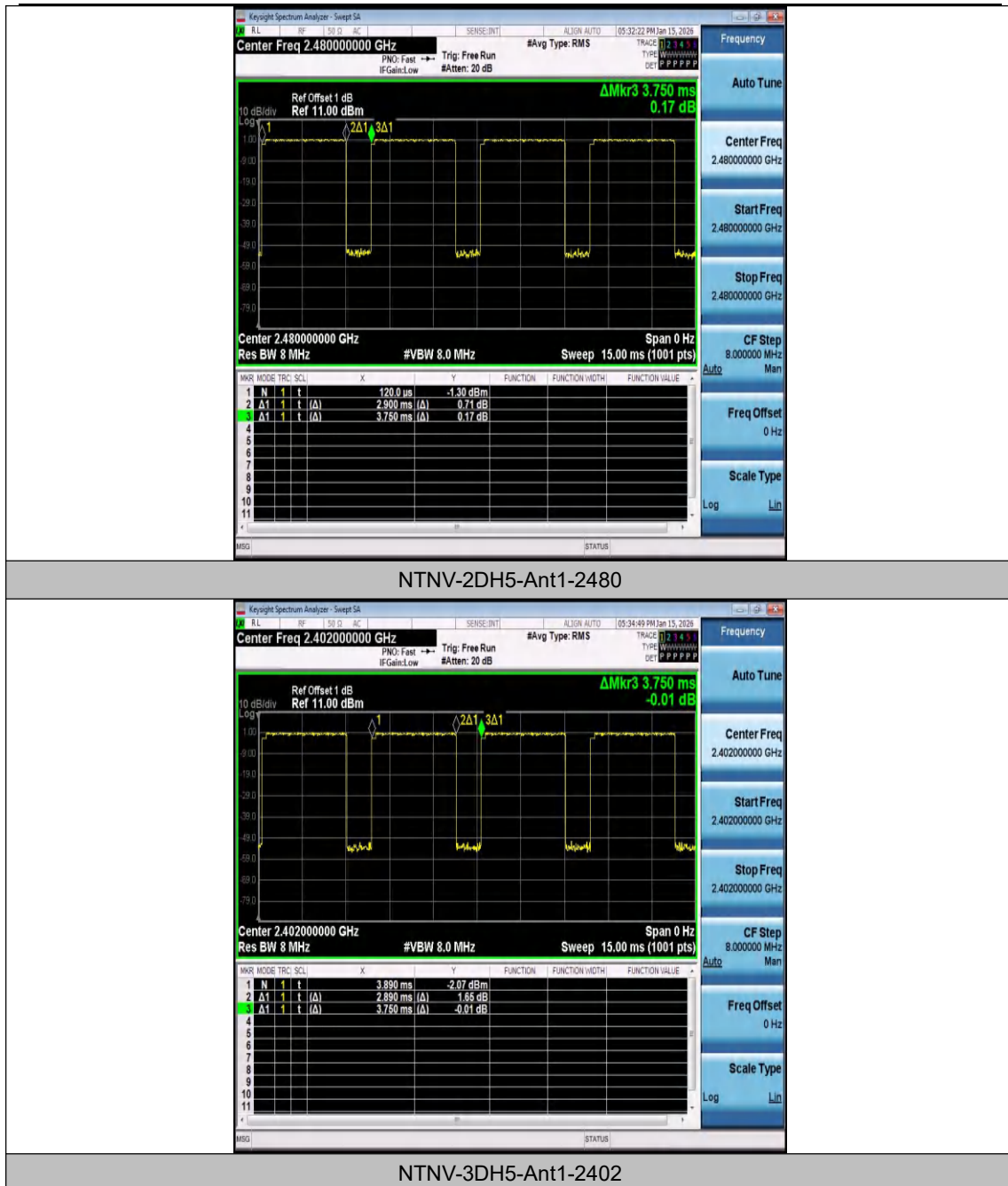
Test Mode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
DH5	Ant1	2402	2.88	3.75	76.80	1.15
DH5	Ant1	2441	2.88	3.75	76.80	1.15
DH5	Ant1	2480	2.88	3.75	76.80	1.15
2DH5	Ant1	2402	2.88	3.75	76.80	1.15
2DH5	Ant1	2441	2.88	3.75	76.80	1.15
2DH5	Ant1	2480	2.90	3.75	77.33	1.12
3DH5	Ant1	2402	2.89	3.75	77.07	1.13
3DH5	Ant1	2441	2.90	3.75	77.33	1.12
3DH5	Ant1	2480	2.89	3.75	77.07	1.13

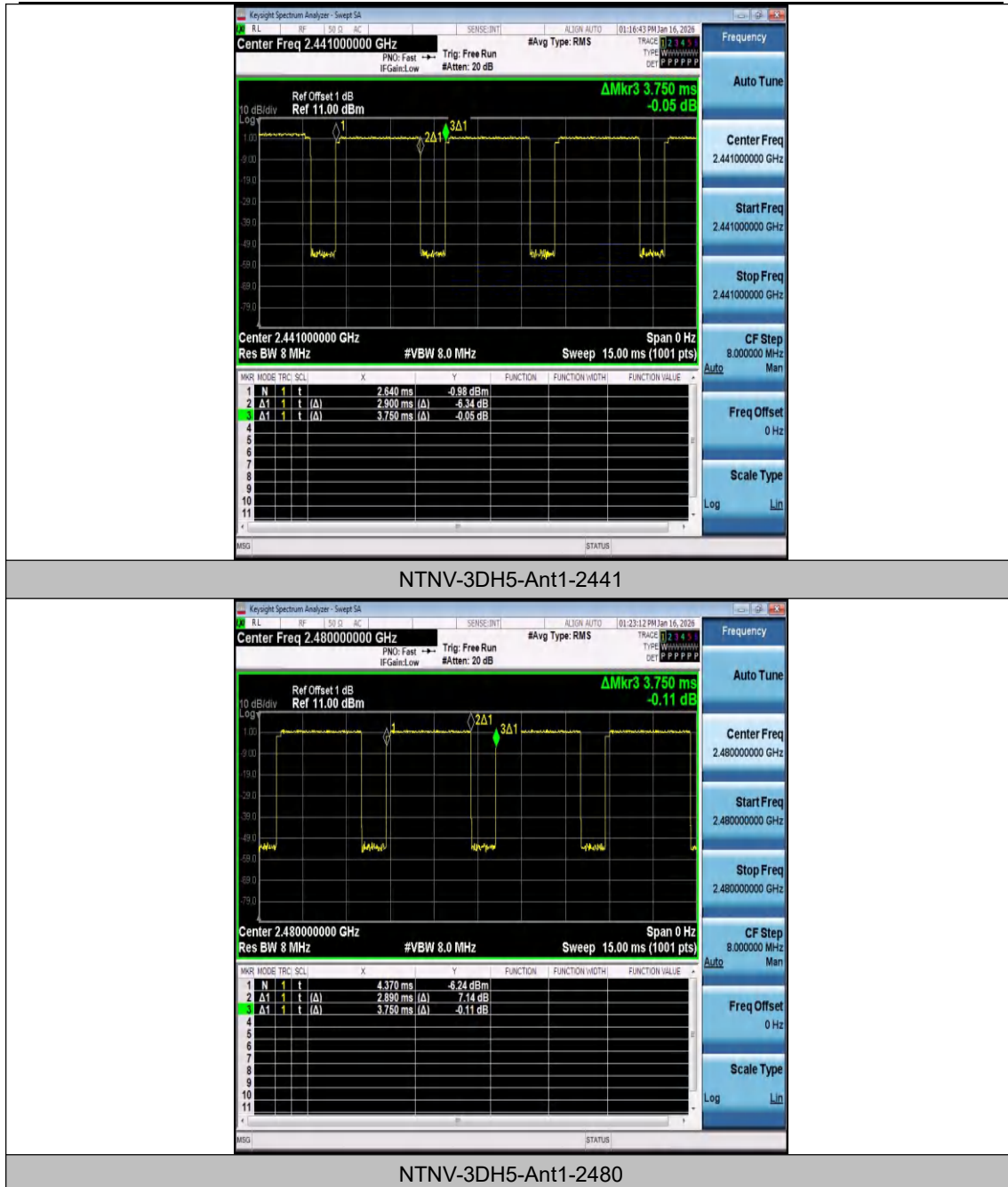
Test Graphs











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