

Appendix Test Data

Report No.:	1812C60163612501-01	Test Sample No.:	1-2-2
Start Test Date:	2026-3-24	Finish Test Date:	2026-4-7
Test Engineer:	Pearl Ao	Auditor:	Justin Feng
Temperature:	24.8°C	Relative Humidity:	58%
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	0.996	2401.505	2402.501	---	---
DH5	Ant1	2441	0.993	2440.505	2441.498	---	---
DH5	Ant1	2480	0.999	2479.502	2480.501	---	---
2DH5	Ant1	2402	1.260	2401.361	2402.621	---	---
2DH5	Ant1	2441	1.260	2440.367	2441.627	---	---
2DH5	Ant1	2480	1.269	2479.361	2480.630	---	---
3DH5	Ant1	2402	1.296	2401.343	2402.639	---	---
3DH5	Ant1	2441	1.311	2440.340	2441.651	---	---
3DH5	Ant1	2480	1.335	2479.328	2480.663	---	---

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	0.88371	2401.5565	2402.4402	---	---
DH5	Ant1	2441	0.87708	2440.5635	2441.4406	---	---
DH5	Ant1	2480	0.88404	2479.5592	2480.4432	---	---
2DH5	Ant1	2402	1.1682	2401.4133	2402.5815	---	---
2DH5	Ant1	2441	1.1606	2440.4206	2441.5812	---	---
2DH5	Ant1	2480	1.1649	2479.4168	2480.5817	---	---
3DH5	Ant1	2402	1.1776	2401.4086	2402.5862	---	---
3DH5	Ant1	2441	1.1851	2440.4029	2441.5880	---	---
3DH5	Ant1	2480	1.1677	2479.4167	2480.5844	---	---

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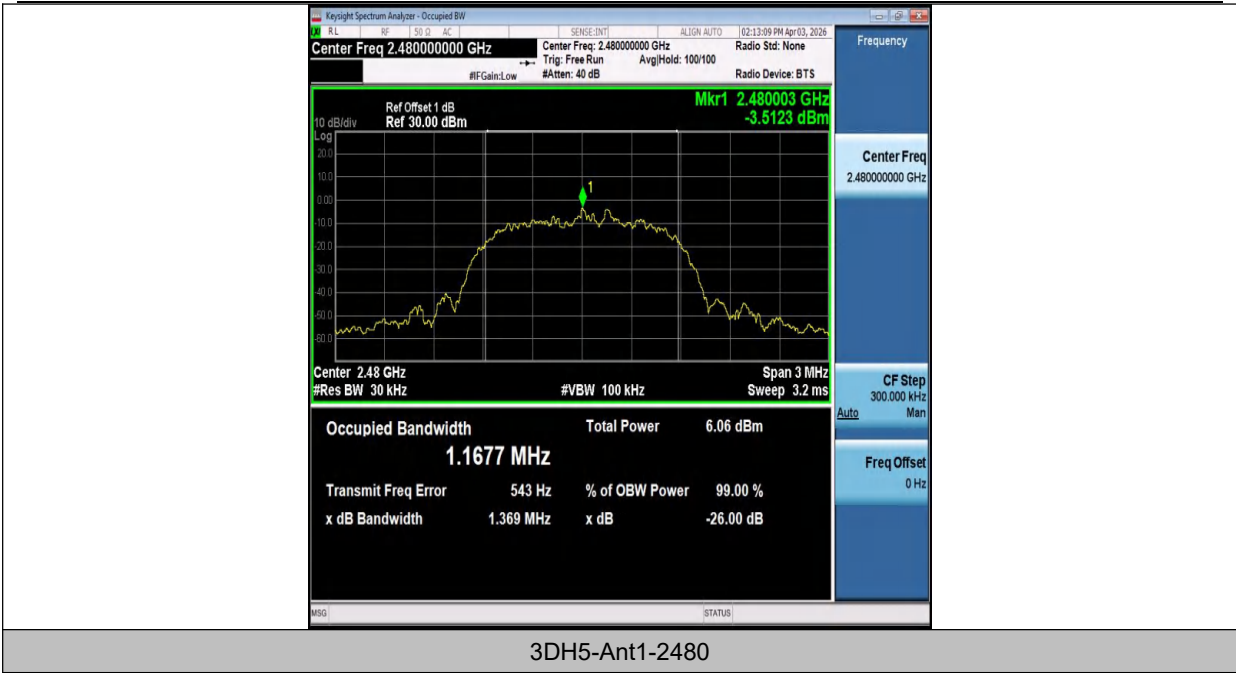
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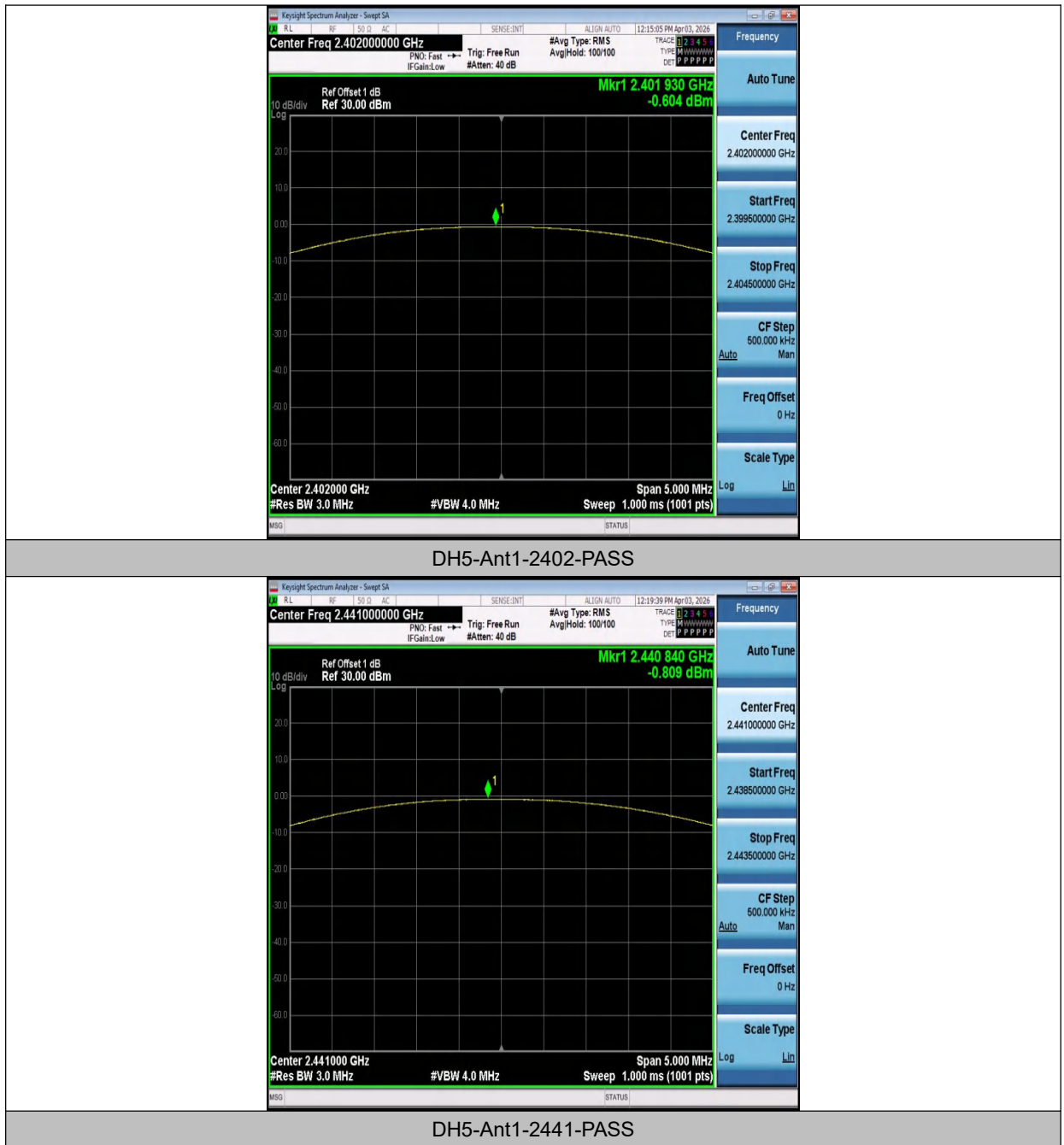
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Appendix C: Maximum Conducted Output Power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	-0.60	≤20.97	PASS
DH5	Ant1	2441	-0.81	≤20.97	PASS
DH5	Ant1	2480	-1.45	≤20.97	PASS
2DH5	Ant1	2402	2.31	≤20.97	PASS
2DH5	Ant1	2441	1.48	≤20.97	PASS
2DH5	Ant1	2480	0.82	≤20.97	PASS
3DH5	Ant1	2402	2.15	≤20.97	PASS
3DH5	Ant1	2441	1.29	≤20.97	PASS
3DH5	Ant1	2480	1.24	≤20.97	PASS

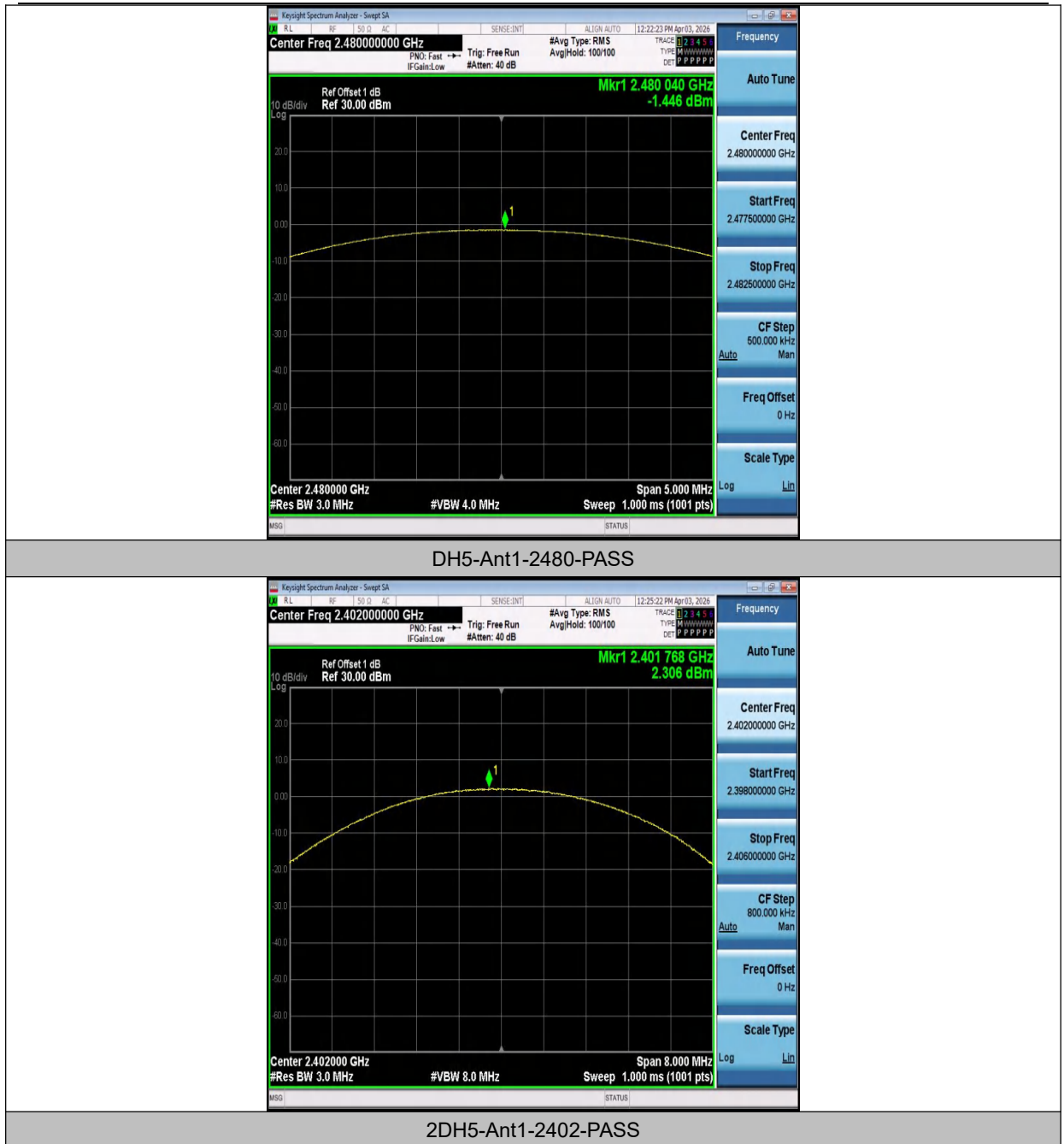
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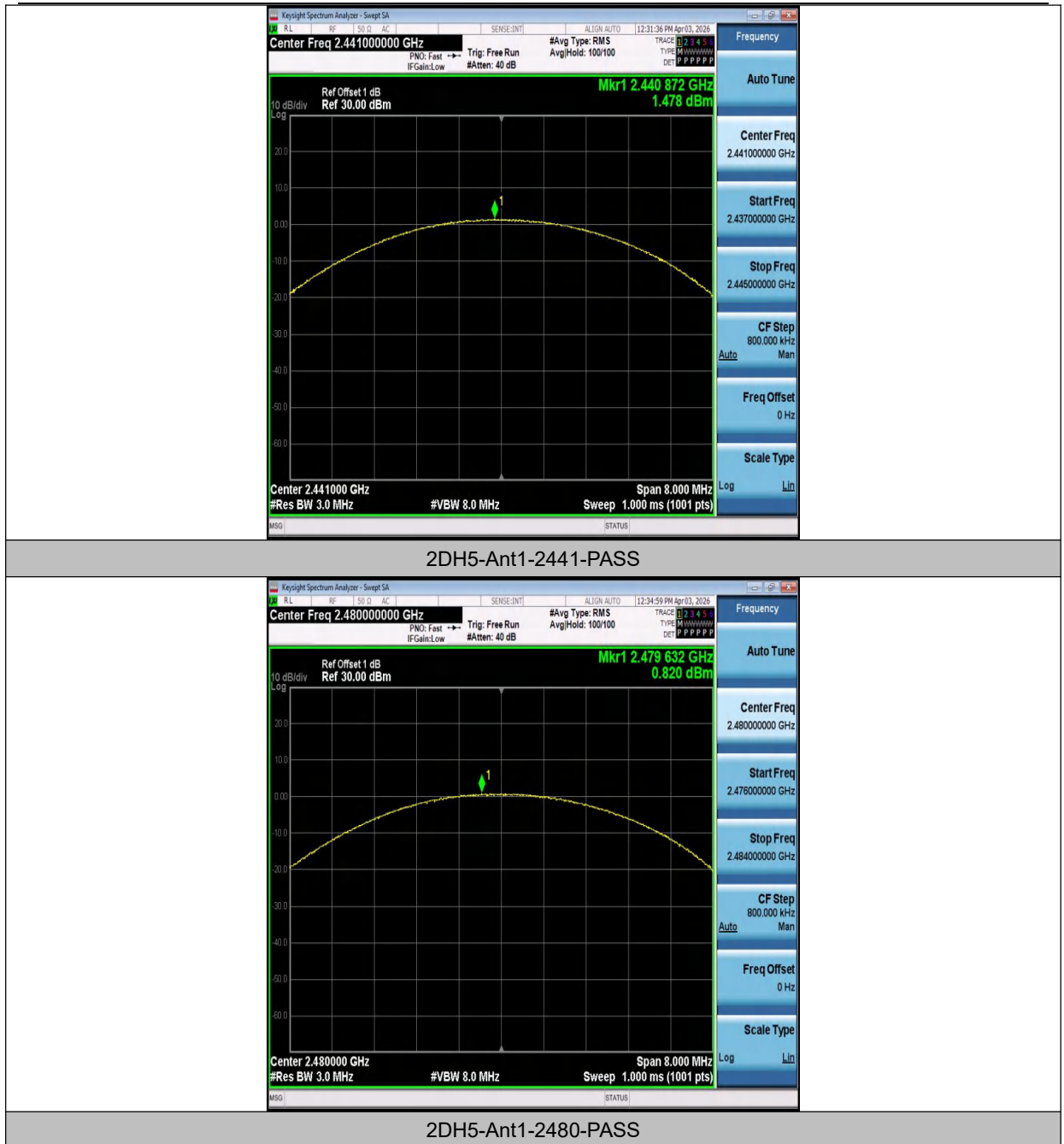
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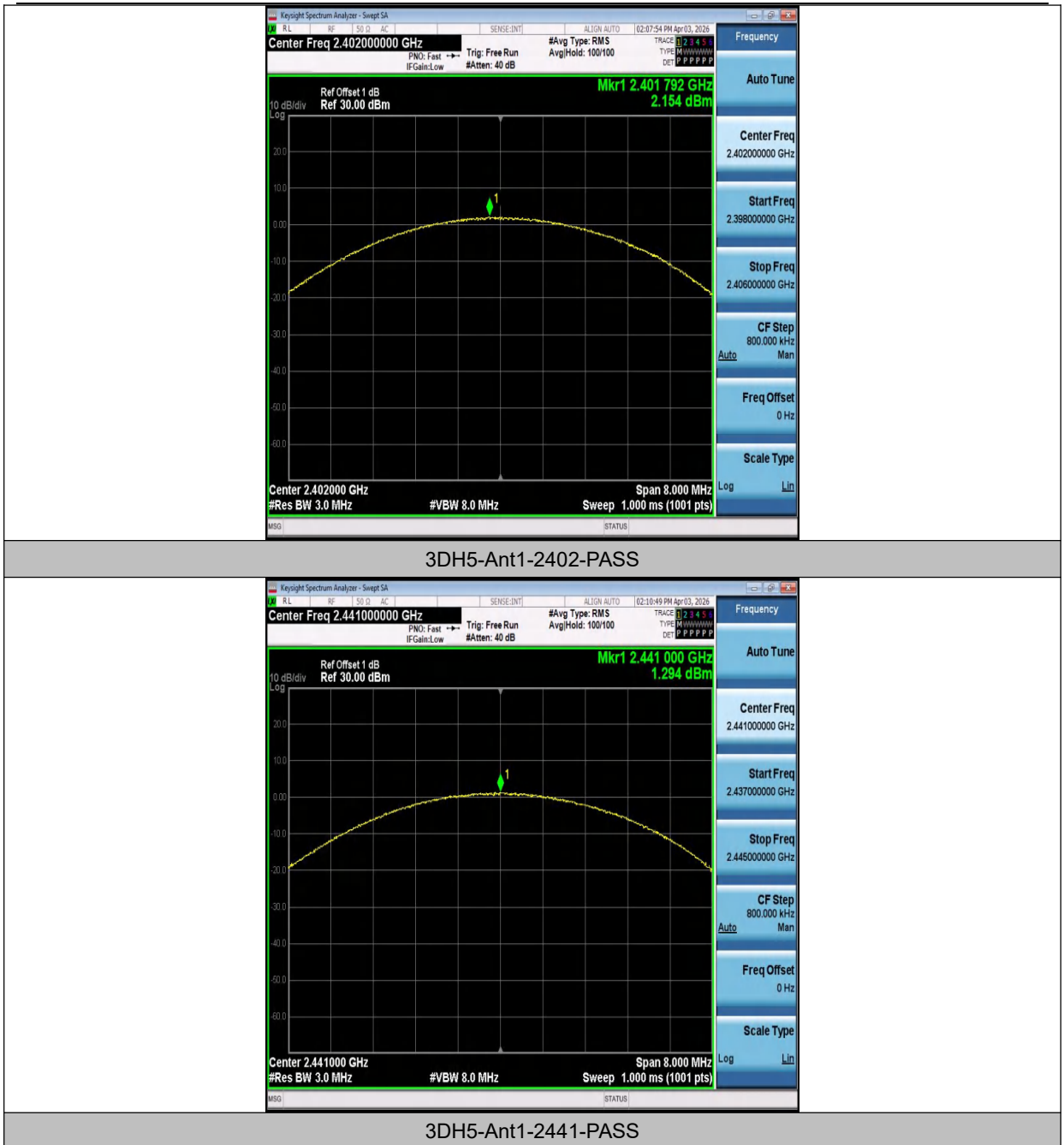
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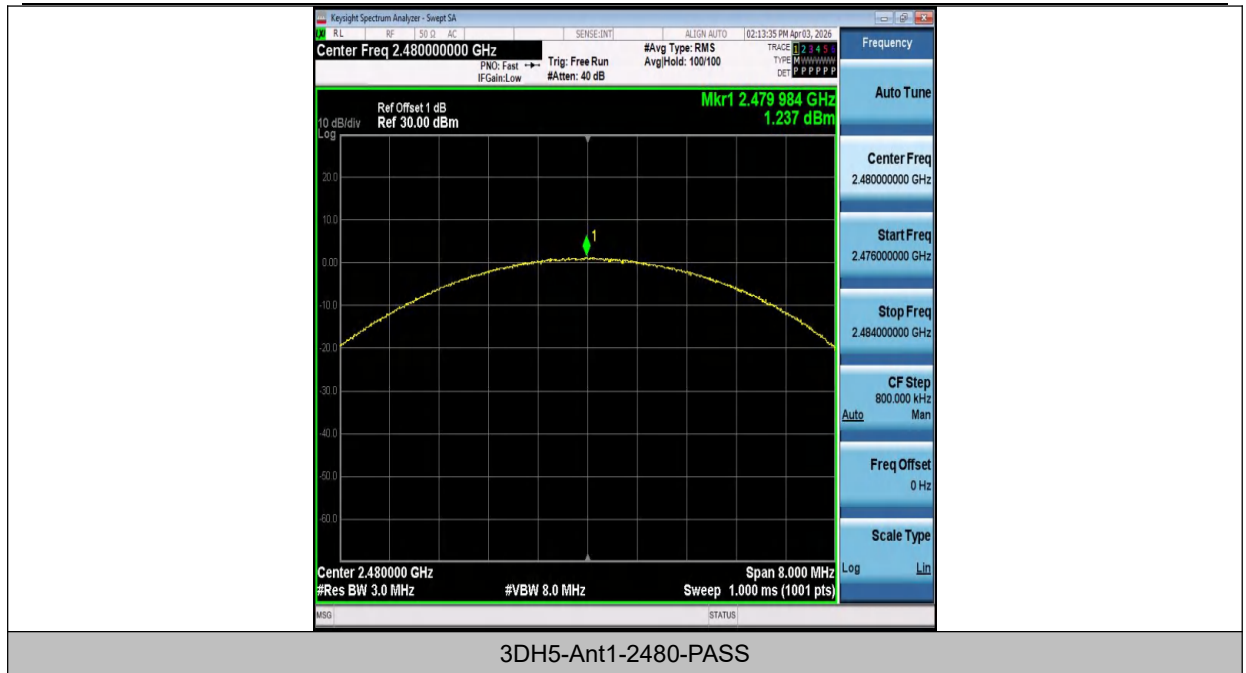
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Appendix D: Carrier frequency separation

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	0.992	≥0.666	PASS
2DH5	Ant1	Hop	1.022	≥0.846	PASS
3DH5	Ant1	Hop	1.022	≥0.890	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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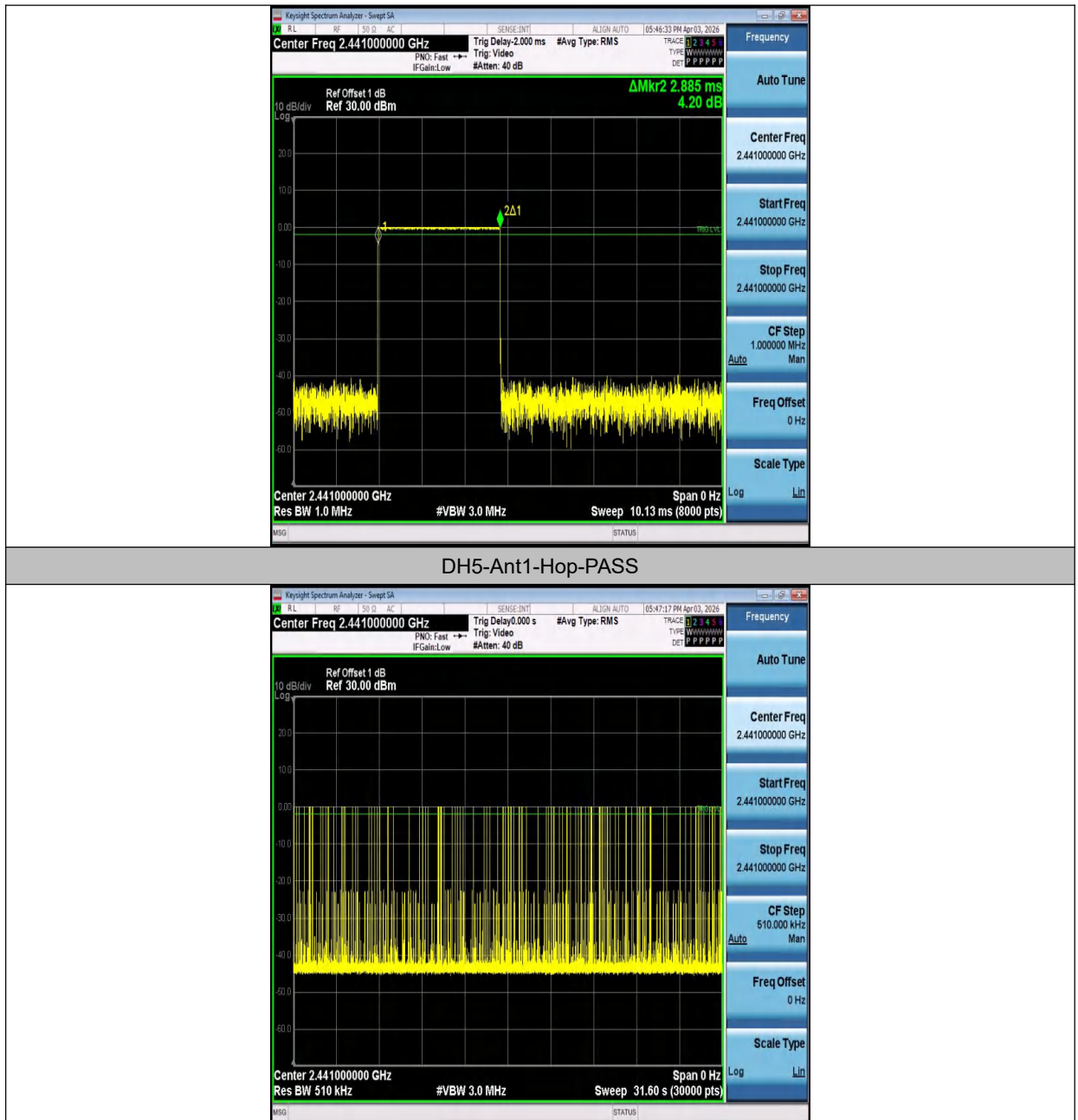
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Appendix E: Dwell Time

Test Result

Test Mode	Antenna	Frequency [MHz]	Burst Width [ms]	Total Hops [Num]	Result [s]	Limit [s]	Verdict
DH5	Ant1	Hop	2.885	113	0.326	≤0.4	PASS
2DH5	Ant1	Hop	2.891	117	0.338	≤0.4	PASS
3DH5	Ant1	Hop	2.893	106	0.307	≤0.4	PASS

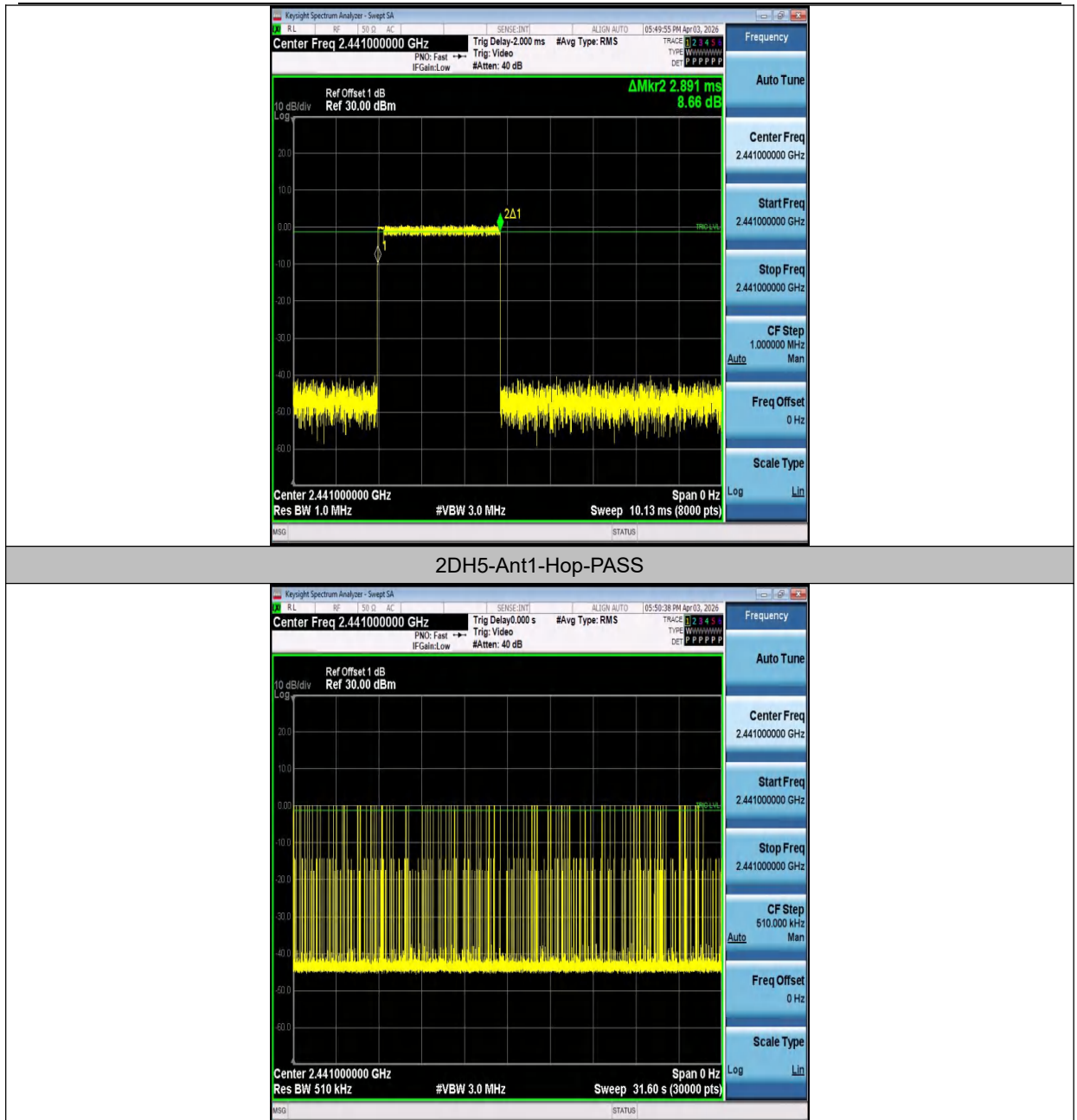
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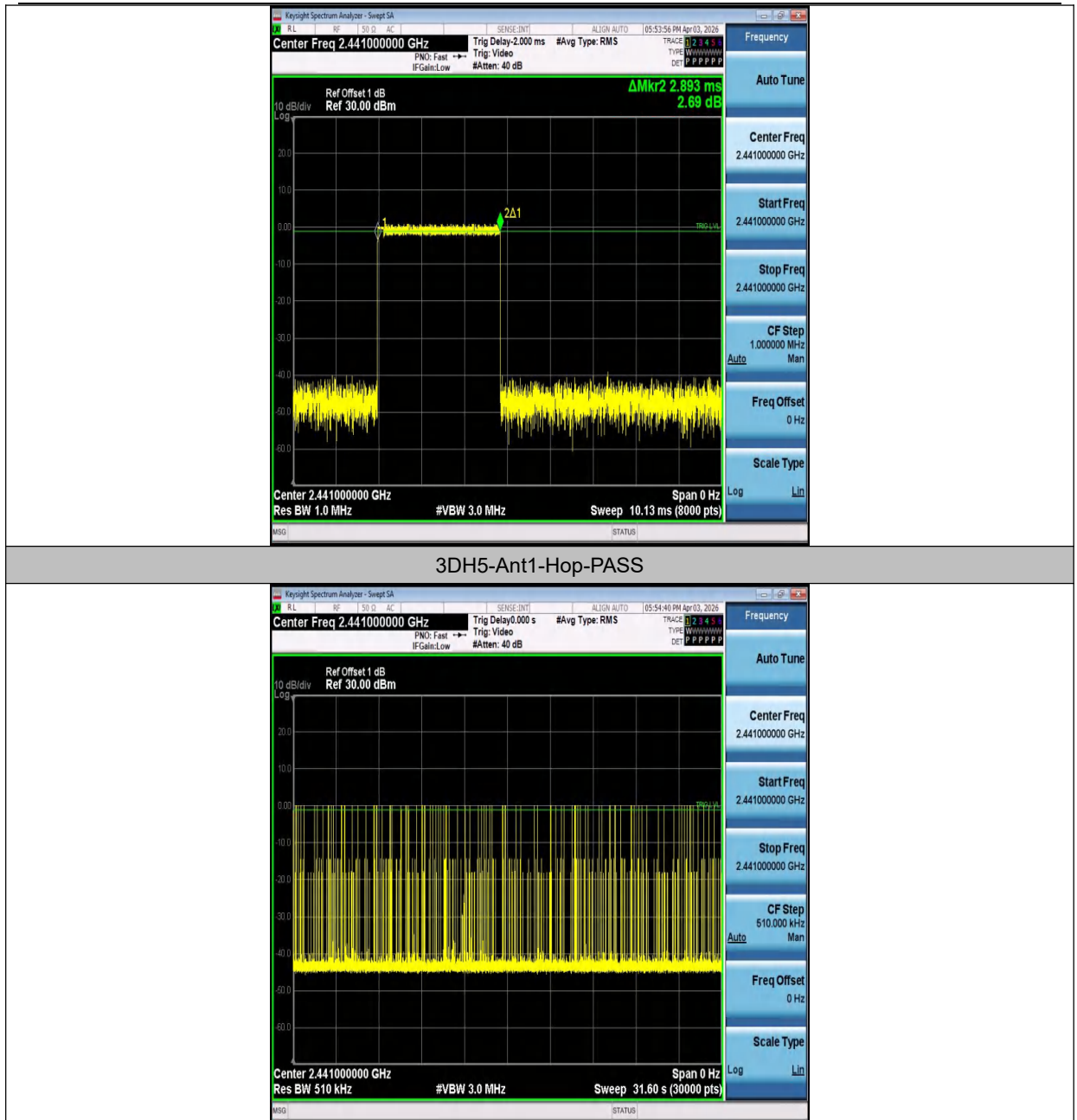
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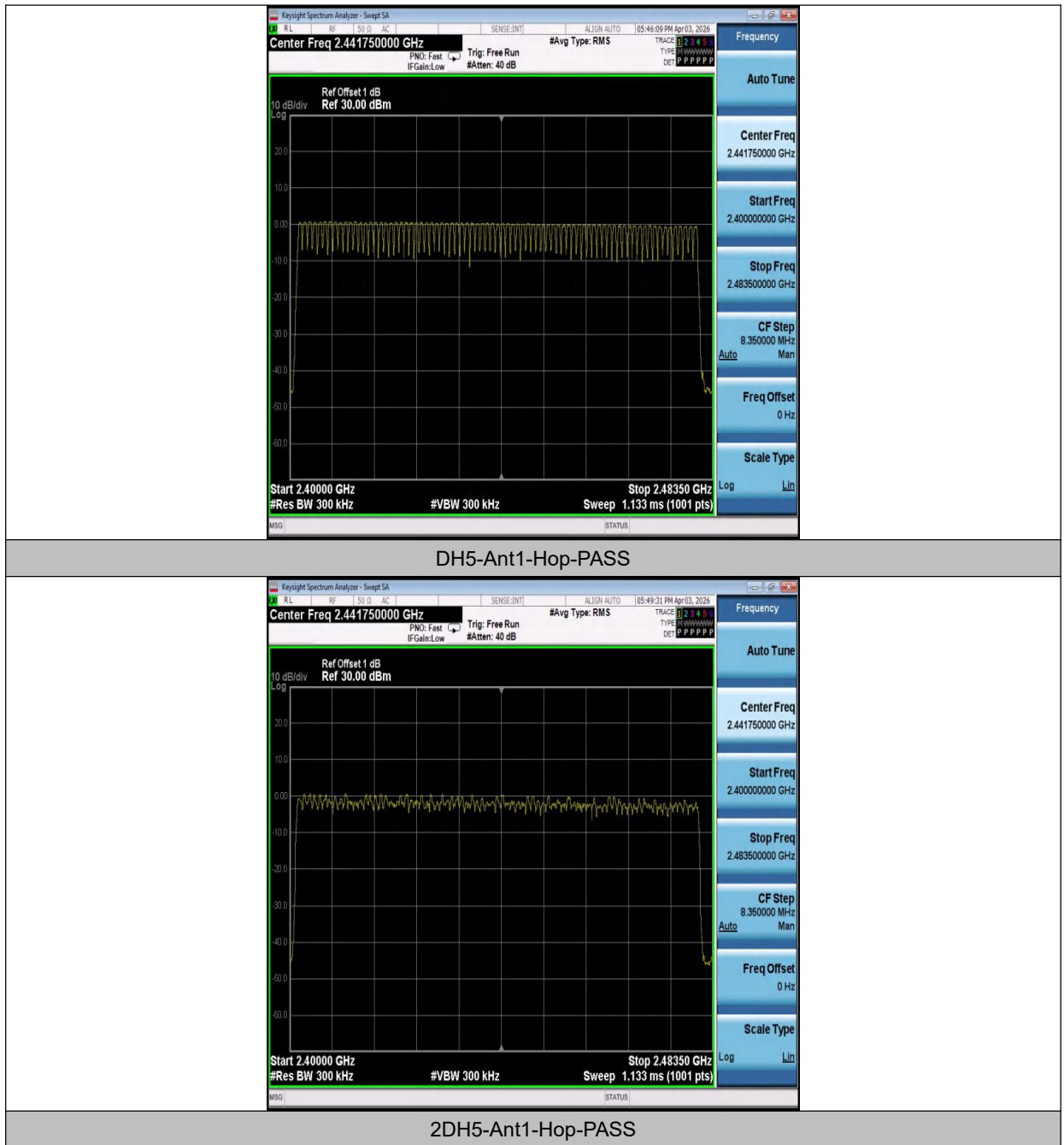
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Appendix F: Number of Hopping Channel

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

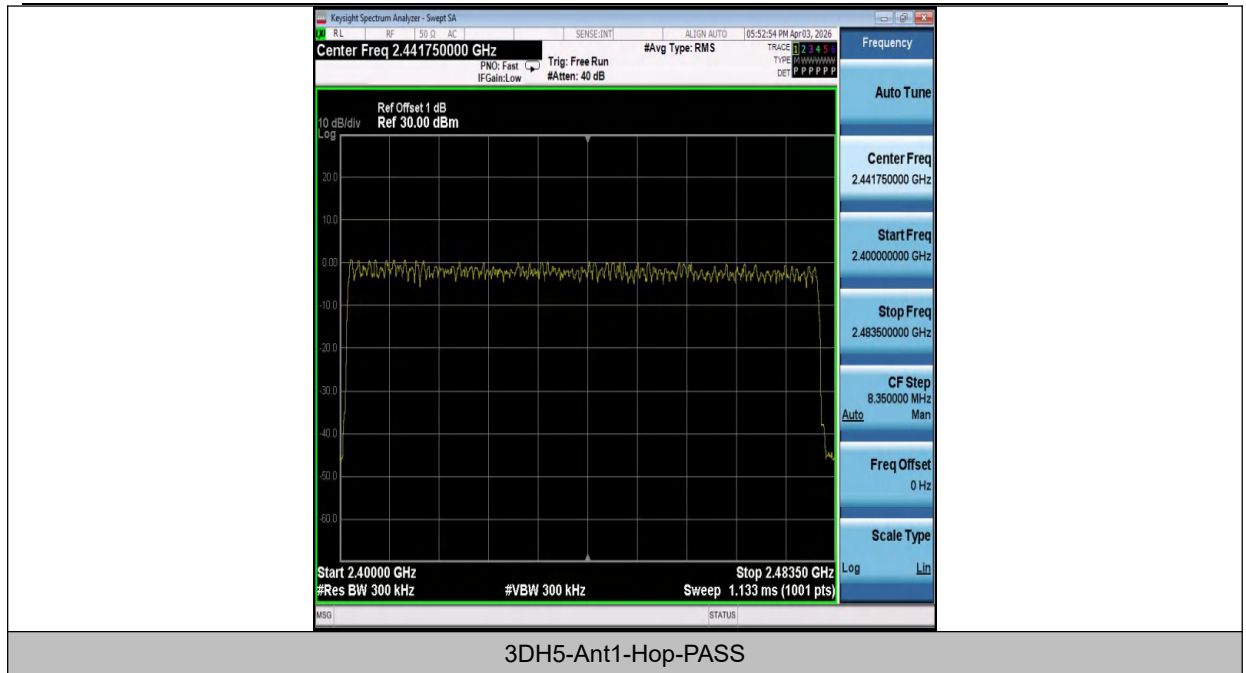
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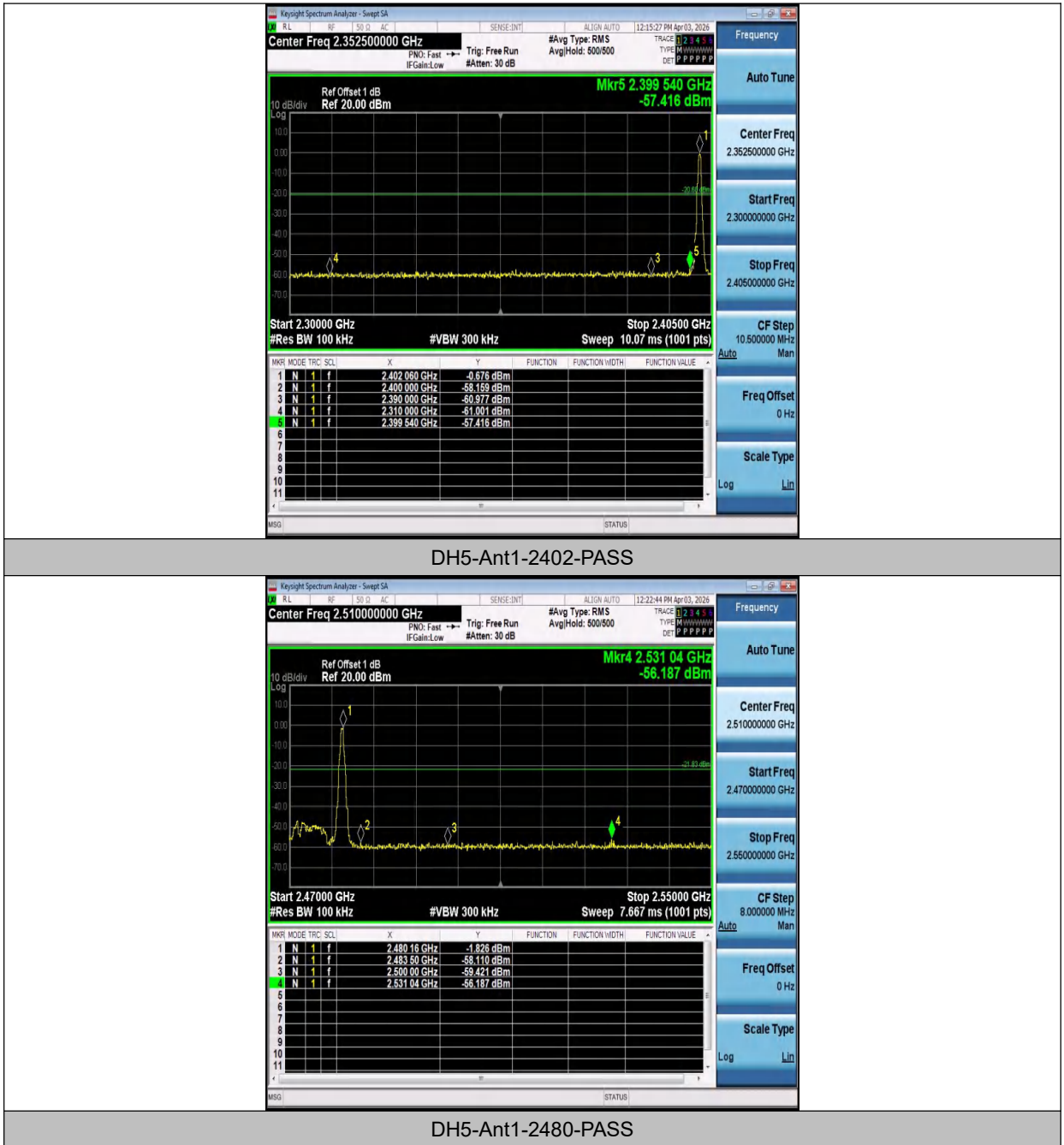
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Appendix G: Conducted Band edge

Test Result

Test Mode	Antenna	Ch. Name	Frequency [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-0.68	-57.42	≤ -20.68	PASS
DH5	Ant1	High	2480	-1.83	-56.19	≤ -21.83	PASS
DH5	Ant1	Low	Hop_2402	-0.07	-56.02	≤ -20.07	PASS
DH5	Ant1	High	Hop_2480	-1.32	-56.53	≤ -21.32	PASS
2DH5	Ant1	Low	2402	0.74	-55.74	≤ -19.26	PASS
2DH5	Ant1	High	2480	-0.81	-57.14	≤ -20.81	PASS
2DH5	Ant1	Low	Hop_2402	0.42	-55.99	≤ -19.58	PASS
2DH5	Ant1	High	Hop_2480	-3.76	-56.31	≤ -23.76	PASS
3DH5	Ant1	Low	2402	-0.08	-57.33	≤ -20.08	PASS
3DH5	Ant1	High	2480	-0.98	-57	≤ -20.98	PASS
3DH5	Ant1	Low	Hop_2402	-1.32	-54.22	≤ -21.32	PASS
3DH5	Ant1	High	Hop_2480	-1.61	-56.53	≤ -21.61	PASS

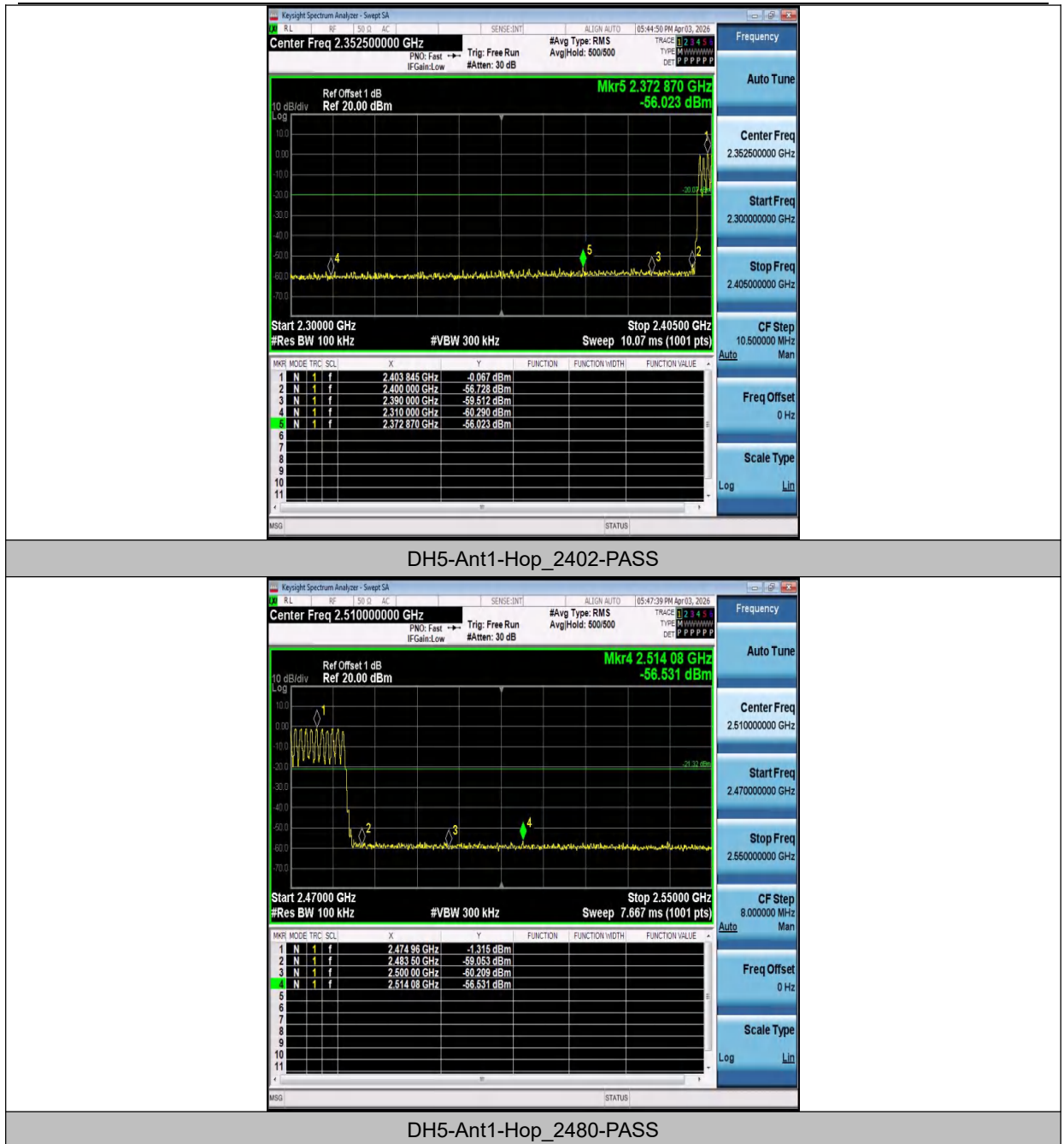
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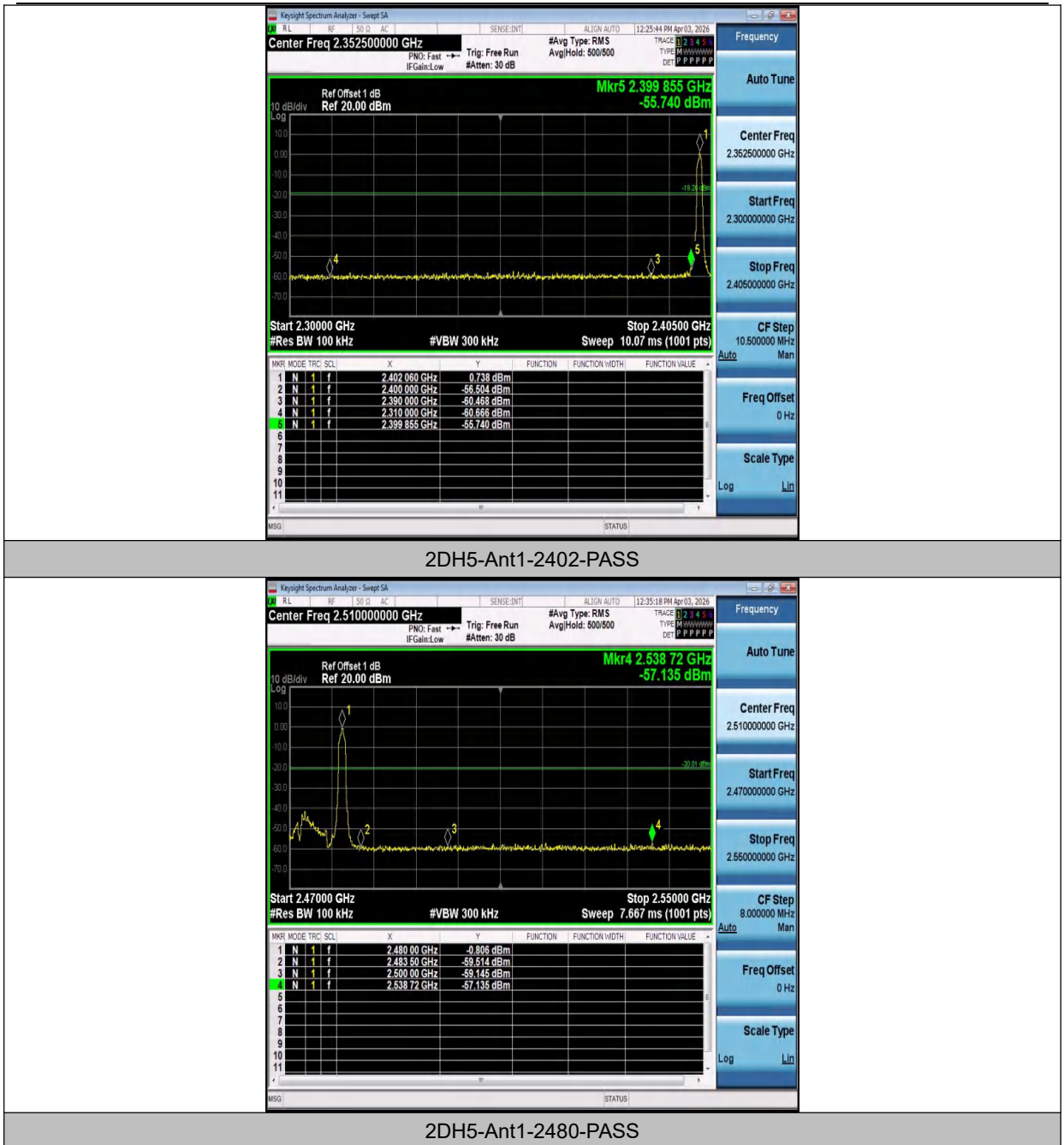


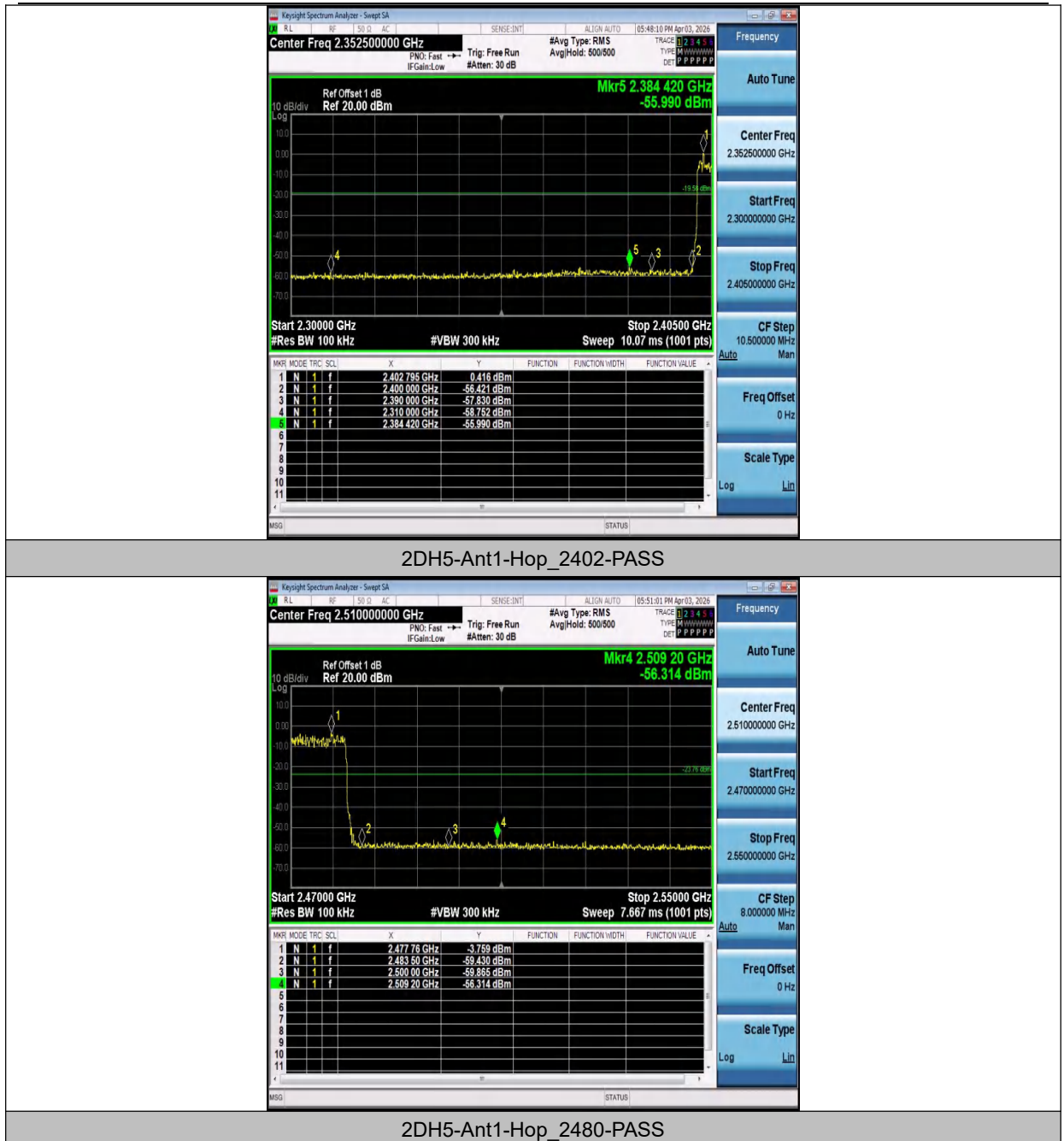
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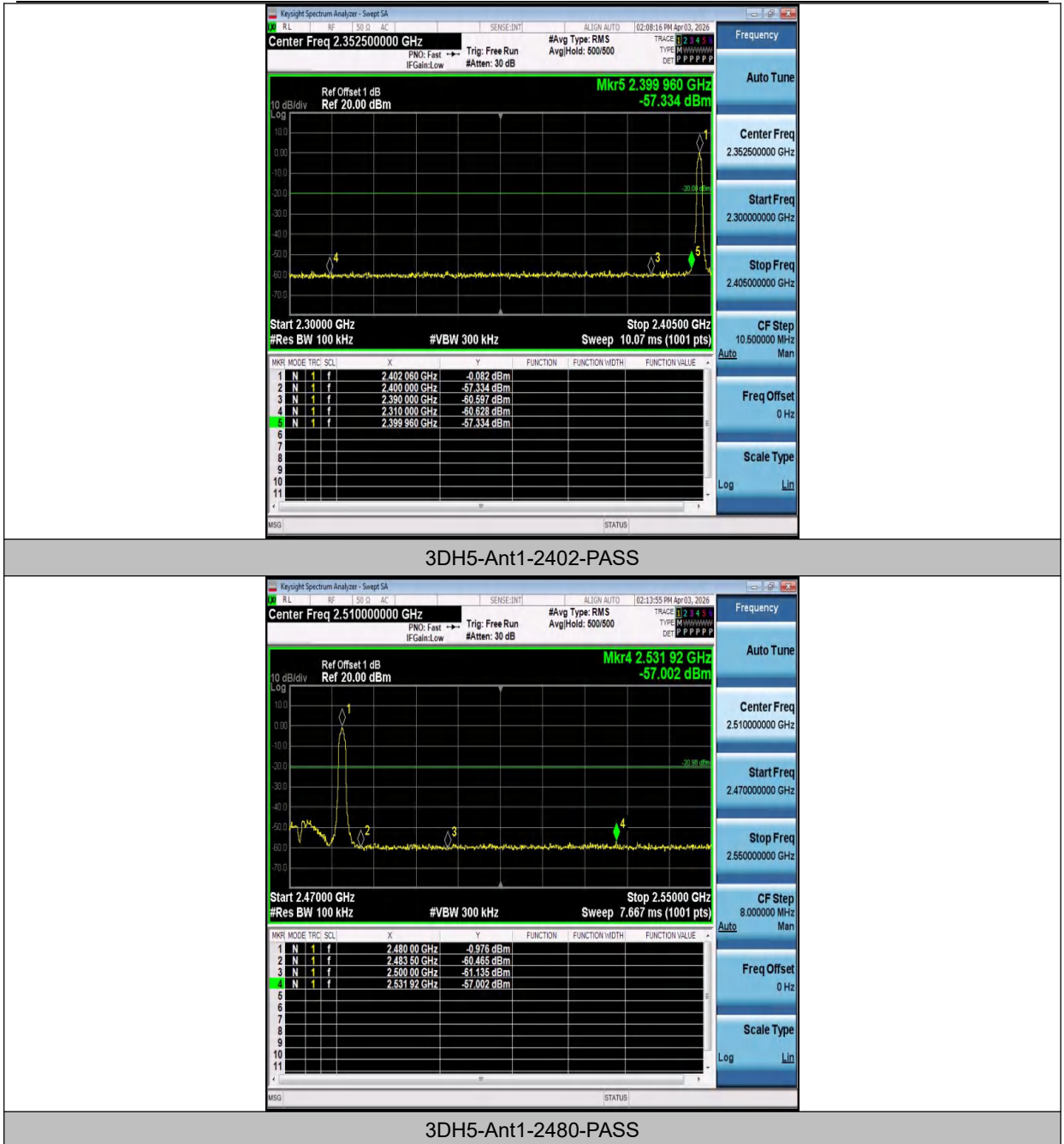
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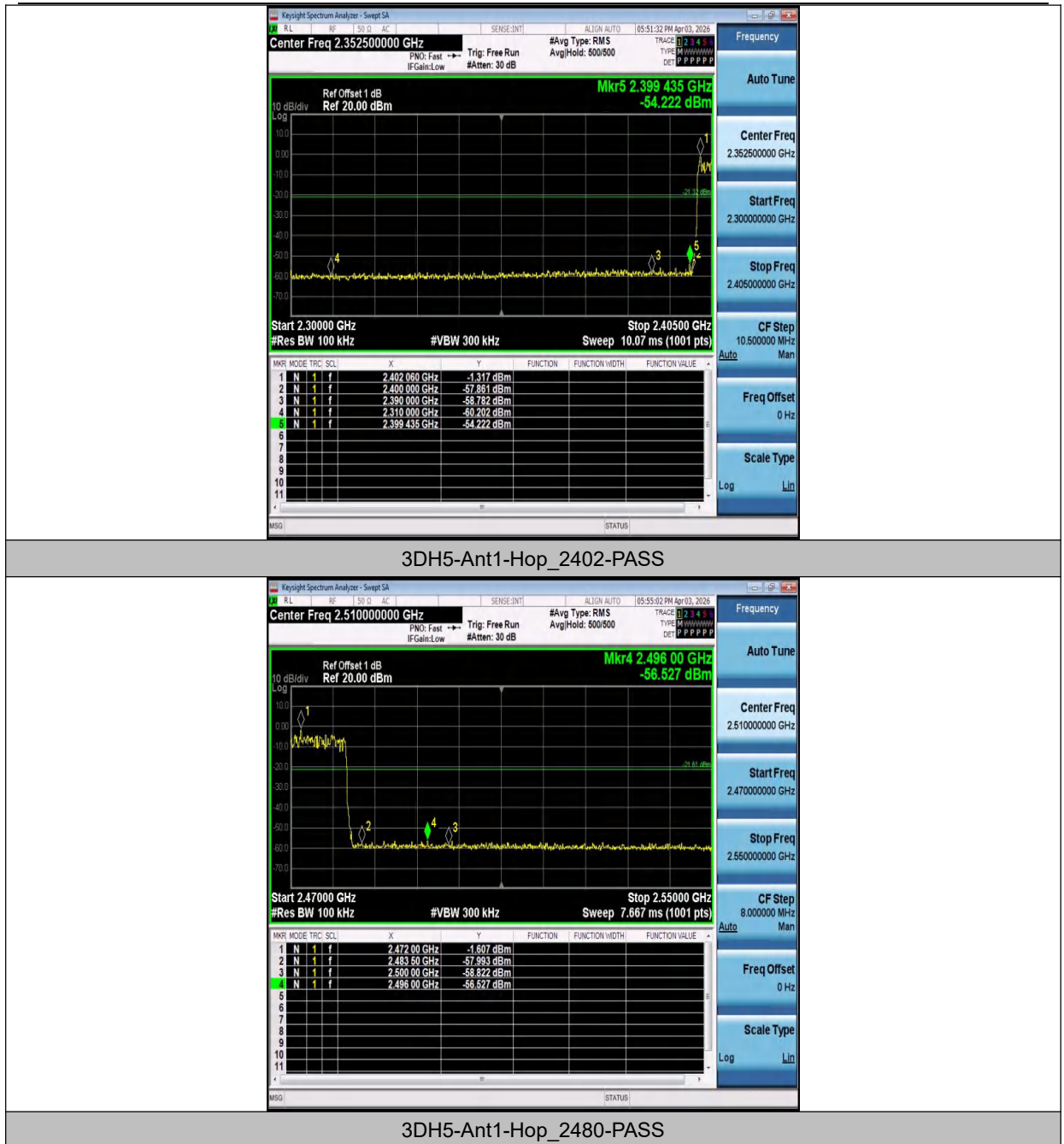
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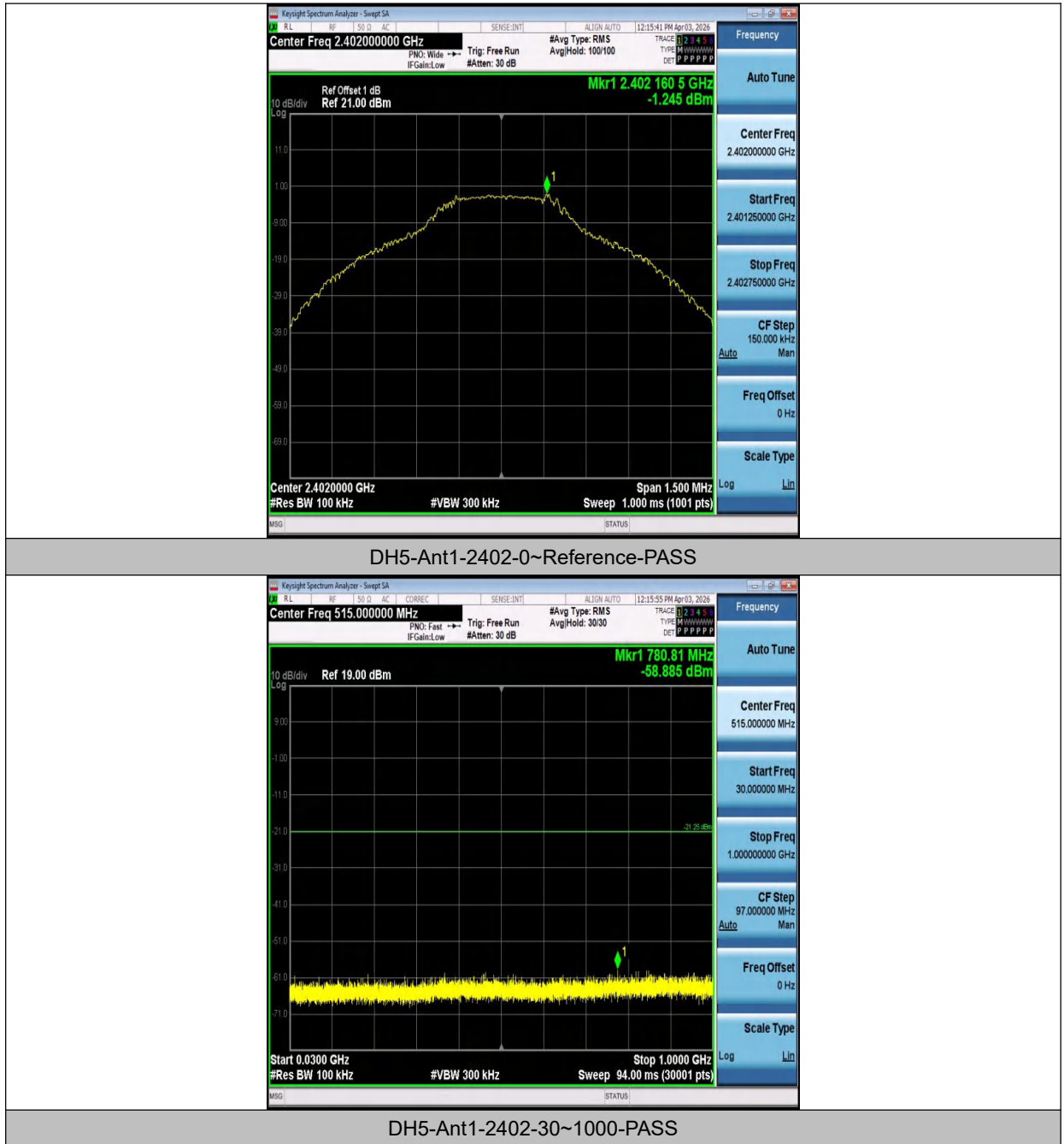
Appendix H: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency[MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	0~Reference	-1.25	-1.25	---	PASS
DH5	Ant1	2402	30~1000	-1.25	-58.89	≤-21.25	PASS
DH5	Ant1	2402	1000~26500	-1.25	-48.1	≤-21.25	PASS
DH5	Ant1	2441	0~Reference	-1.08	-1.08	---	PASS
DH5	Ant1	2441	30~1000	-1.08	-58.75	≤-21.08	PASS
DH5	Ant1	2441	1000~26500	-1.08	-48.56	≤-21.08	PASS
DH5	Ant1	2480	0~Reference	-1.82	-1.82	---	PASS
DH5	Ant1	2480	30~1000	-1.82	-59.21	≤-21.82	PASS
DH5	Ant1	2480	1000~26500	-1.82	-48.81	≤-21.82	PASS
2DH5	Ant1	2402	0~Reference	-0.64	-0.64	---	PASS
2DH5	Ant1	2402	30~1000	-0.64	-59.14	≤-20.64	PASS
2DH5	Ant1	2402	1000~26500	-0.64	-48.44	≤-20.64	PASS
2DH5	Ant1	2441	0~Reference	-1.08	-1.08	---	PASS
2DH5	Ant1	2441	30~1000	-1.08	-58.62	≤-21.08	PASS
2DH5	Ant1	2441	1000~26500	-1.08	-48.52	≤-21.08	PASS
2DH5	Ant1	2480	0~Reference	-2.21	-2.21	---	PASS
2DH5	Ant1	2480	30~1000	-2.21	-58.71	≤-22.21	PASS
2DH5	Ant1	2480	1000~26500	-2.21	-48.38	≤-22.21	PASS
3DH5	Ant1	2402	0~Reference	-0.31	-0.31	---	PASS
3DH5	Ant1	2402	30~1000	-0.31	-59.07	≤-20.31	PASS
3DH5	Ant1	2402	1000~26500	-0.31	-48.25	≤-20.31	PASS
3DH5	Ant1	2441	0~Reference	-0.79	-0.79	---	PASS
3DH5	Ant1	2441	30~1000	-0.79	-58.95	≤-20.79	PASS
3DH5	Ant1	2441	1000~26500	-0.79	-48.62	≤-20.79	PASS
3DH5	Ant1	2480	0~Reference	-3.16	-3.16	---	PASS
3DH5	Ant1	2480	30~1000	-3.16	-59.36	≤-23.16	PASS
3DH5	Ant1	2480	1000~26500	-3.16	-48.73	≤-23.16	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.

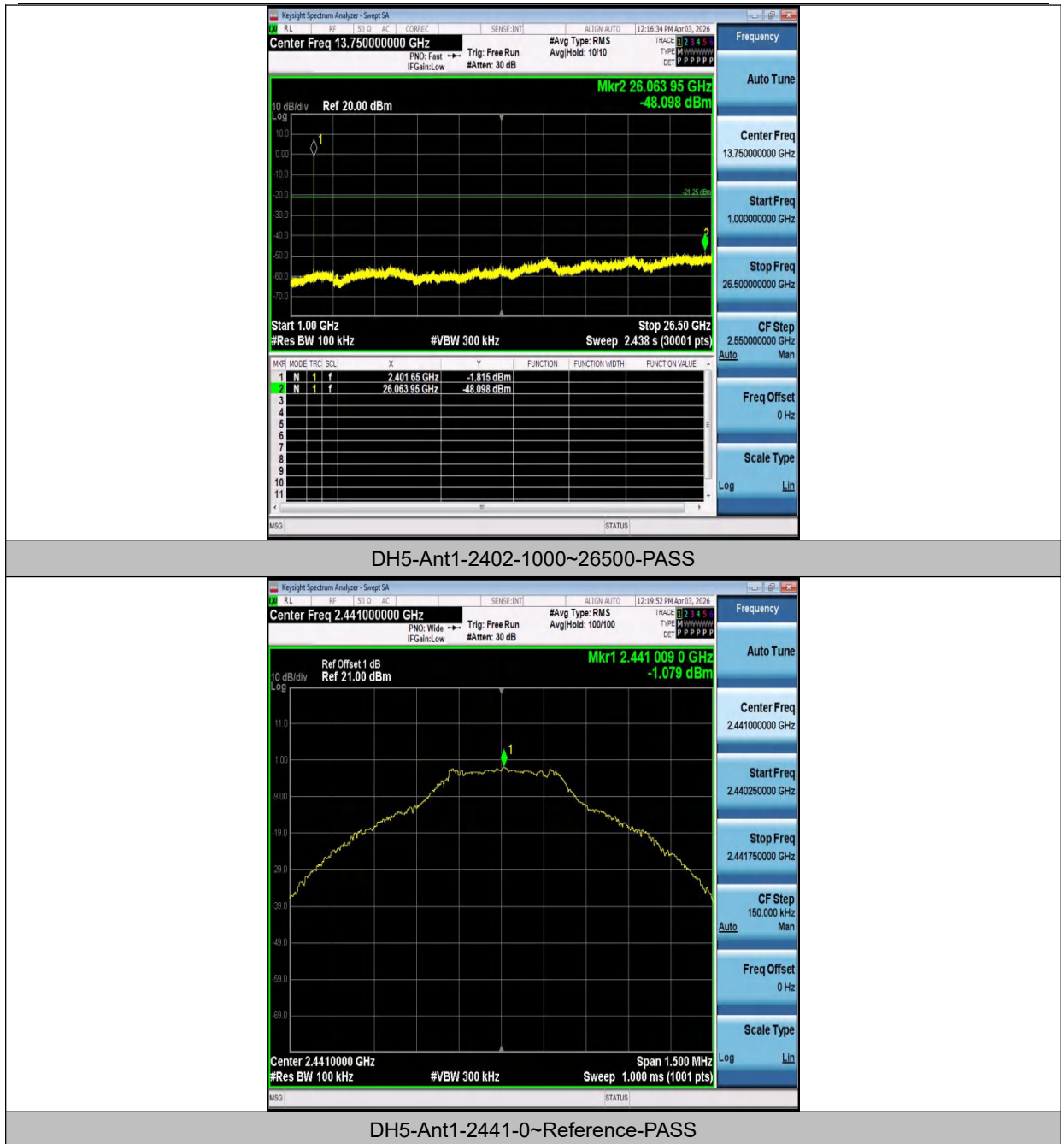
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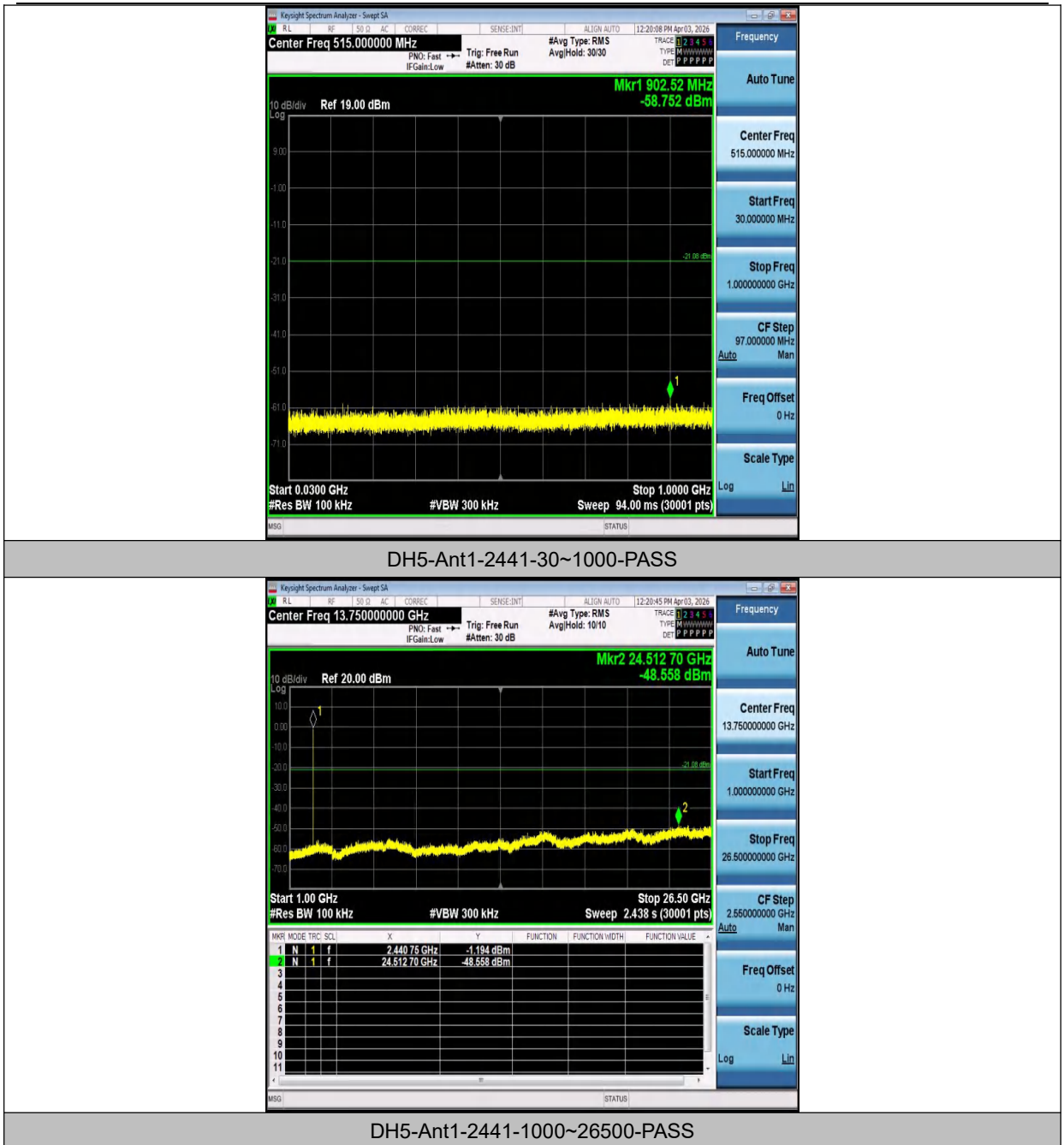
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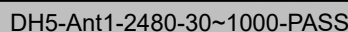
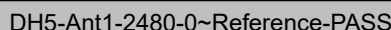
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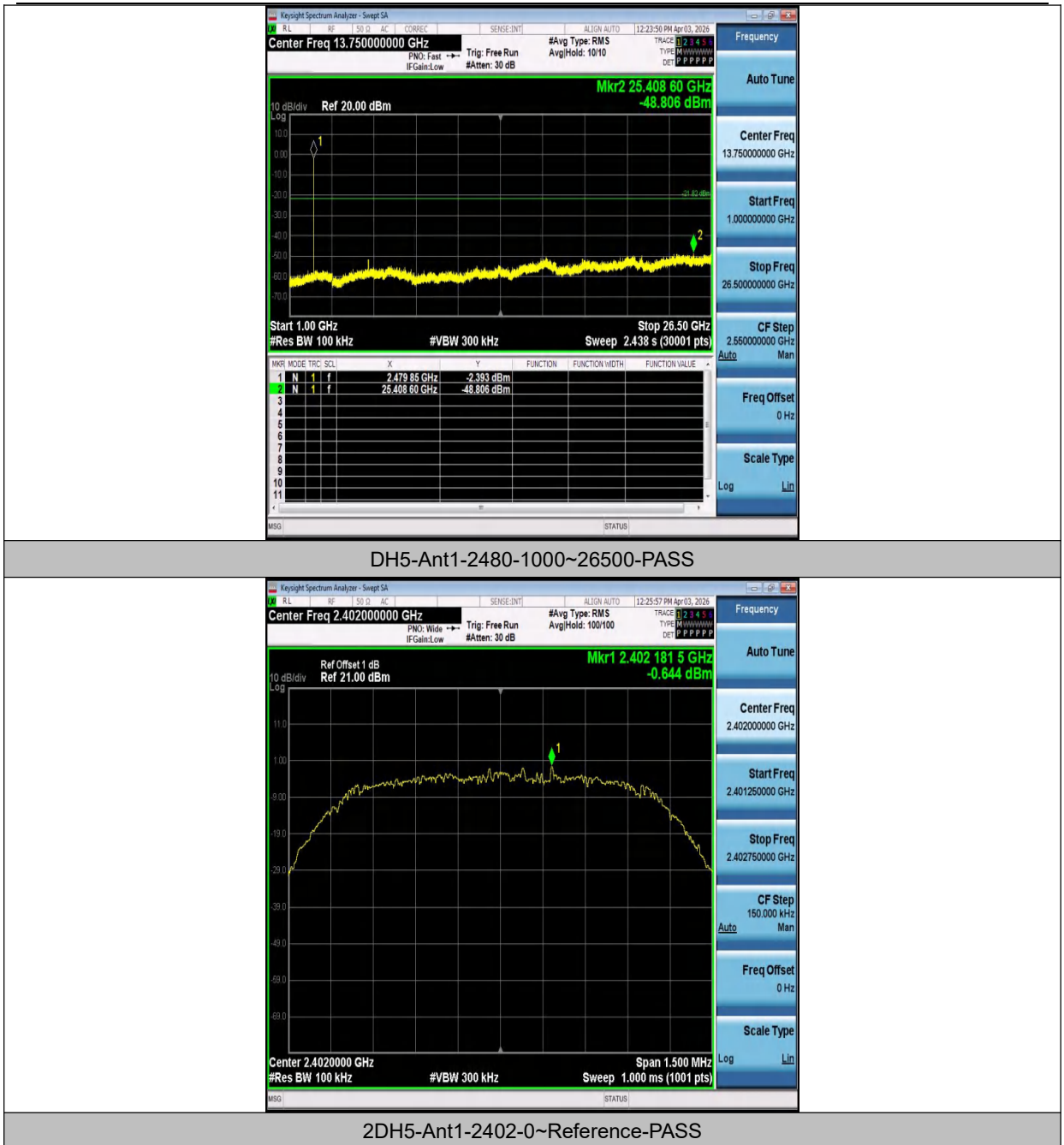


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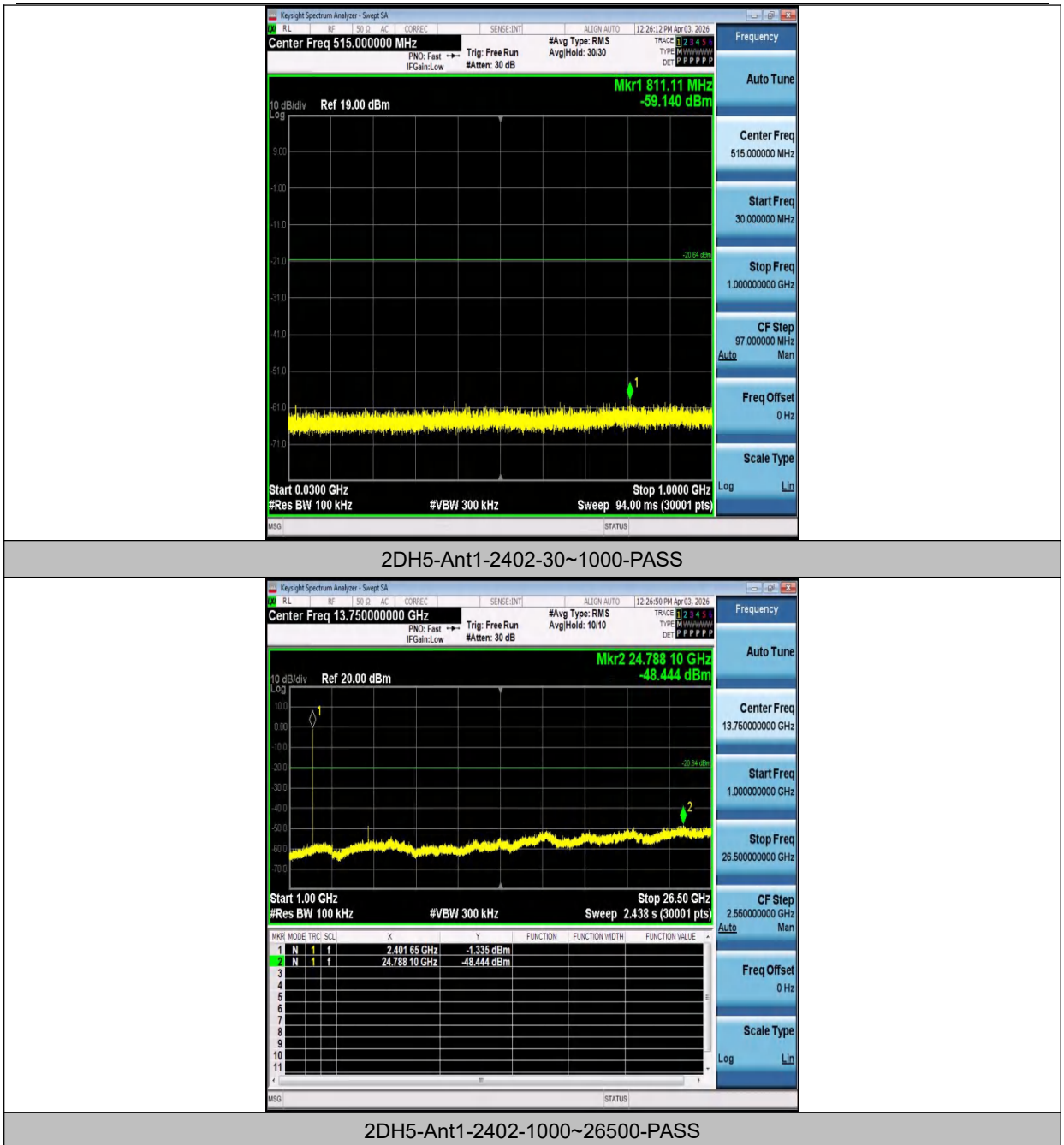




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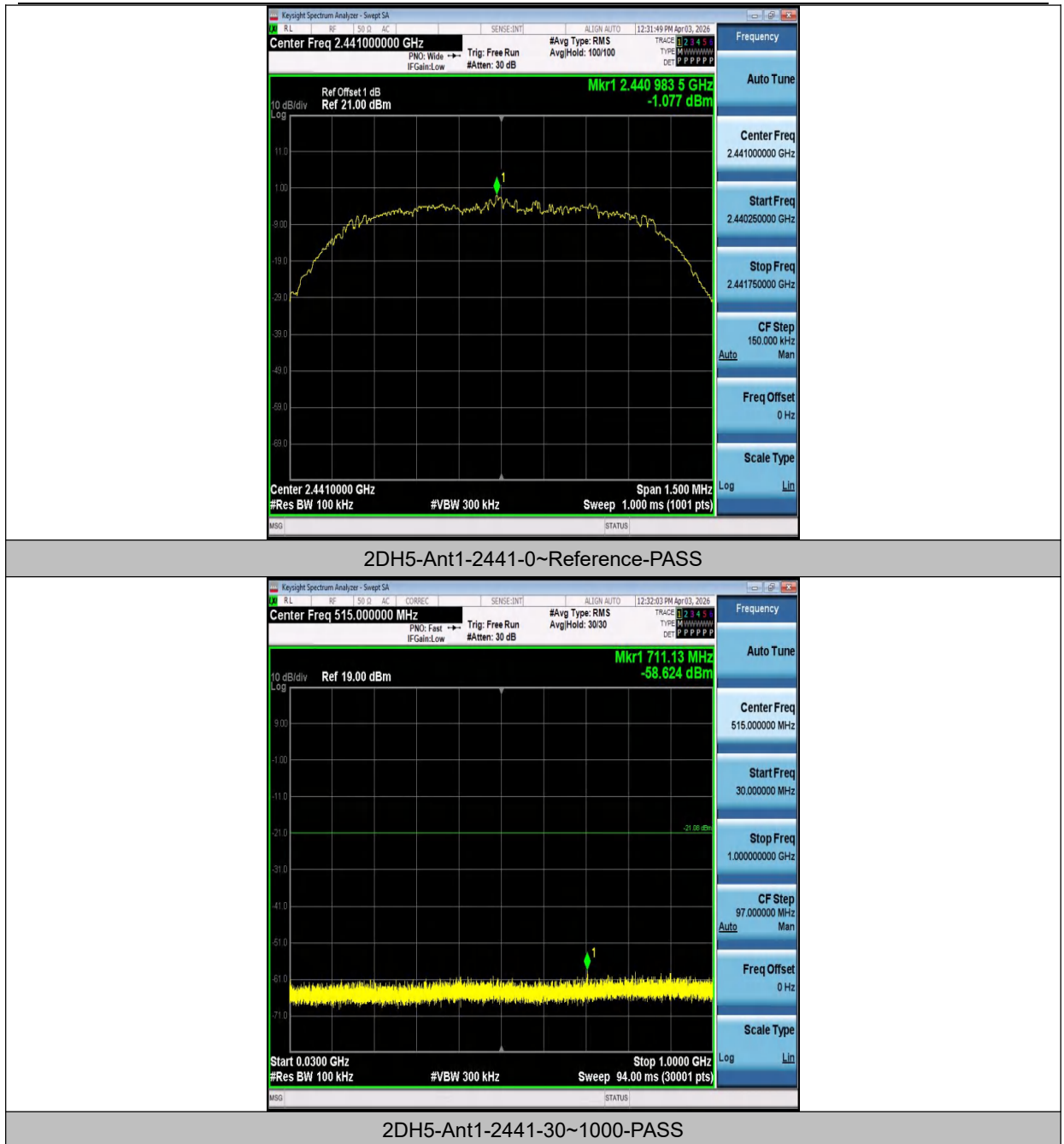
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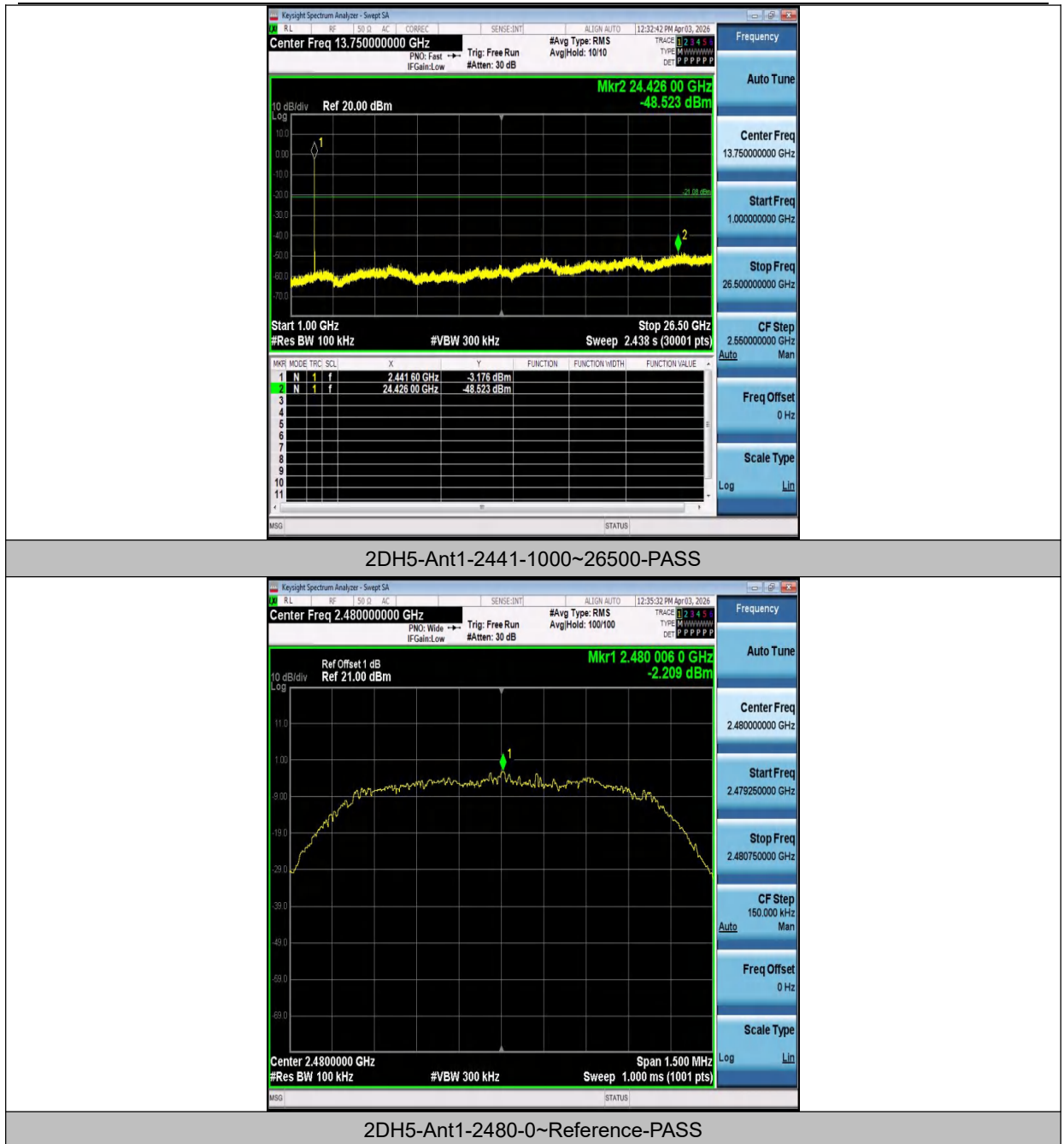
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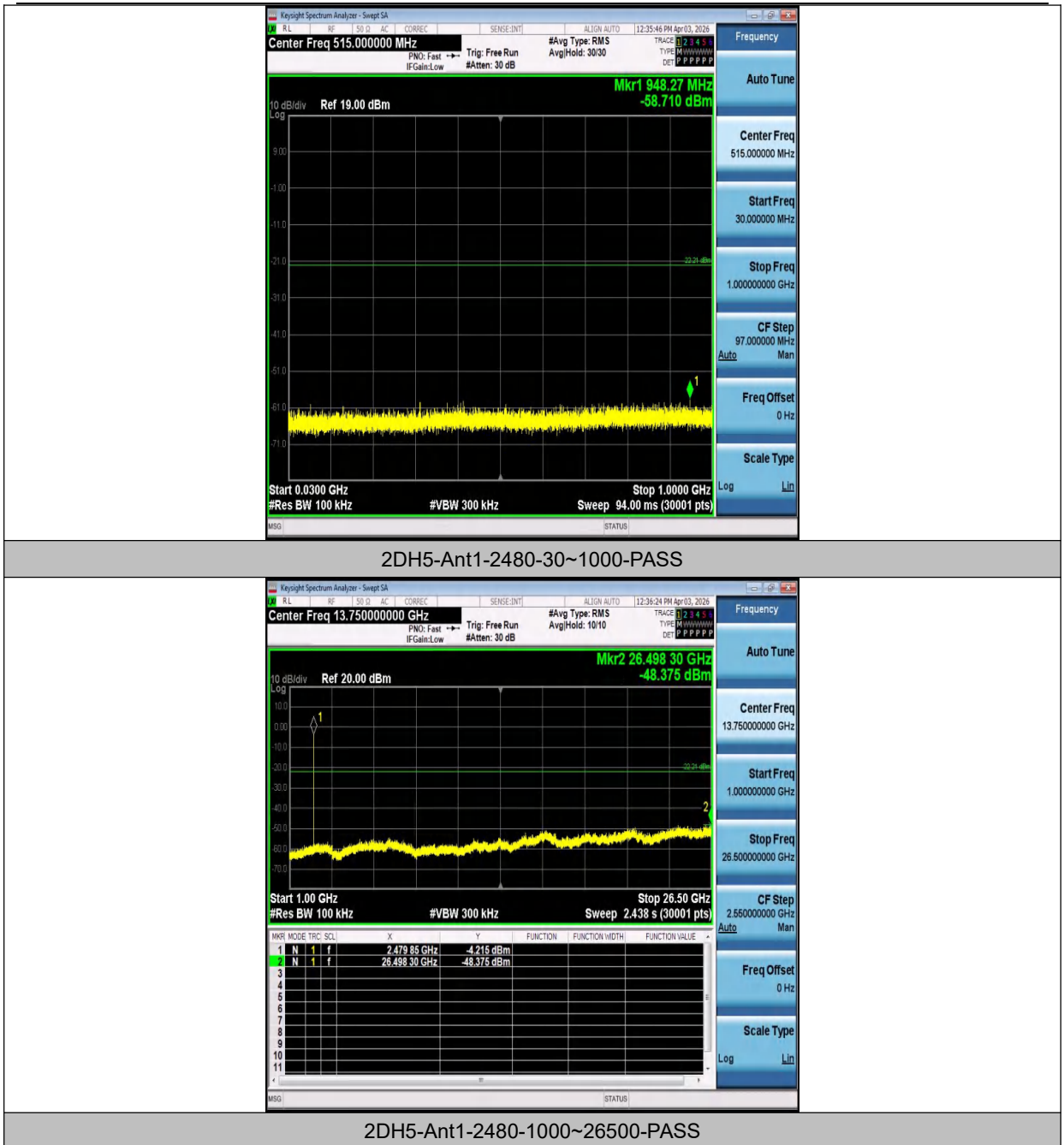
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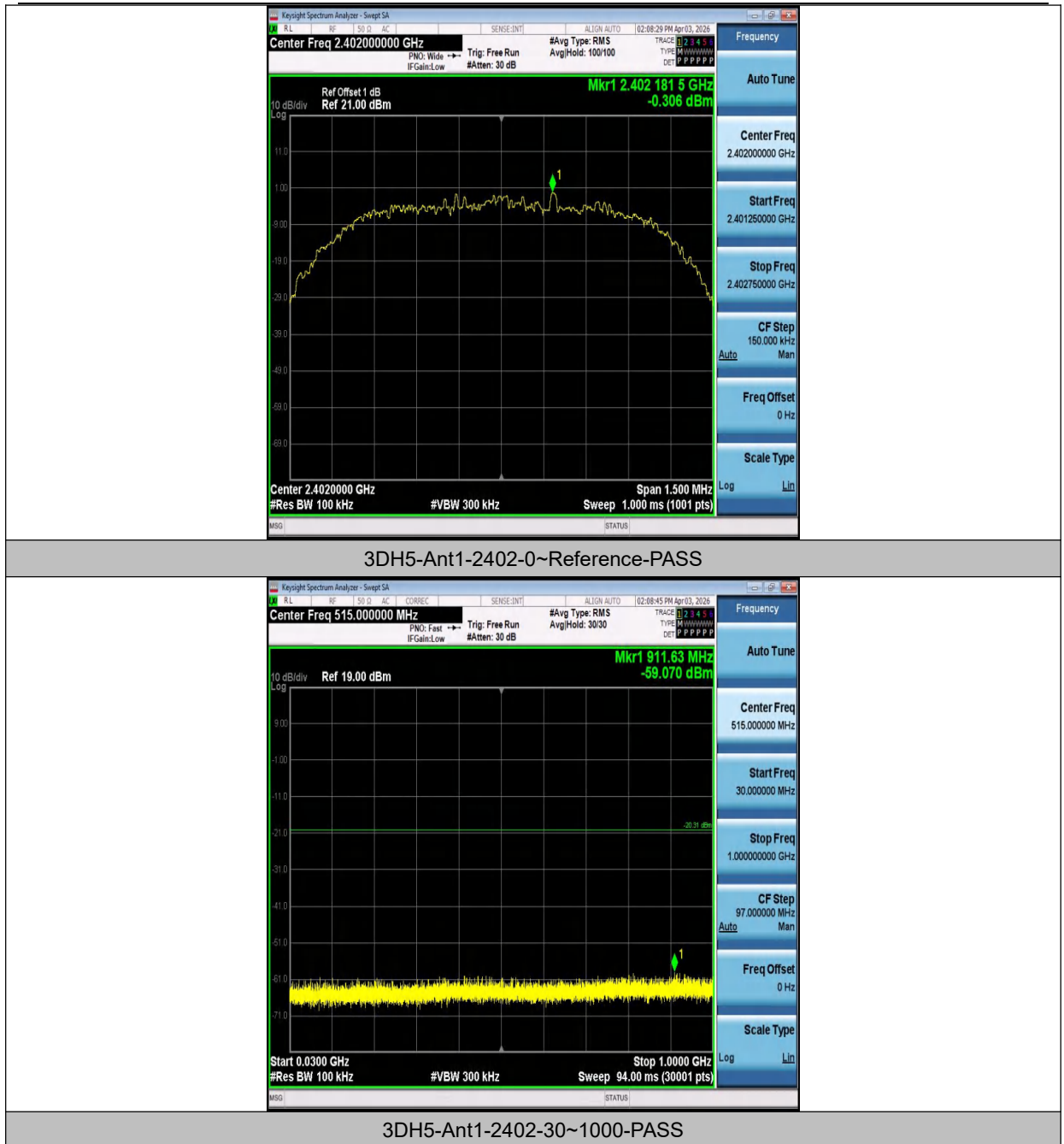
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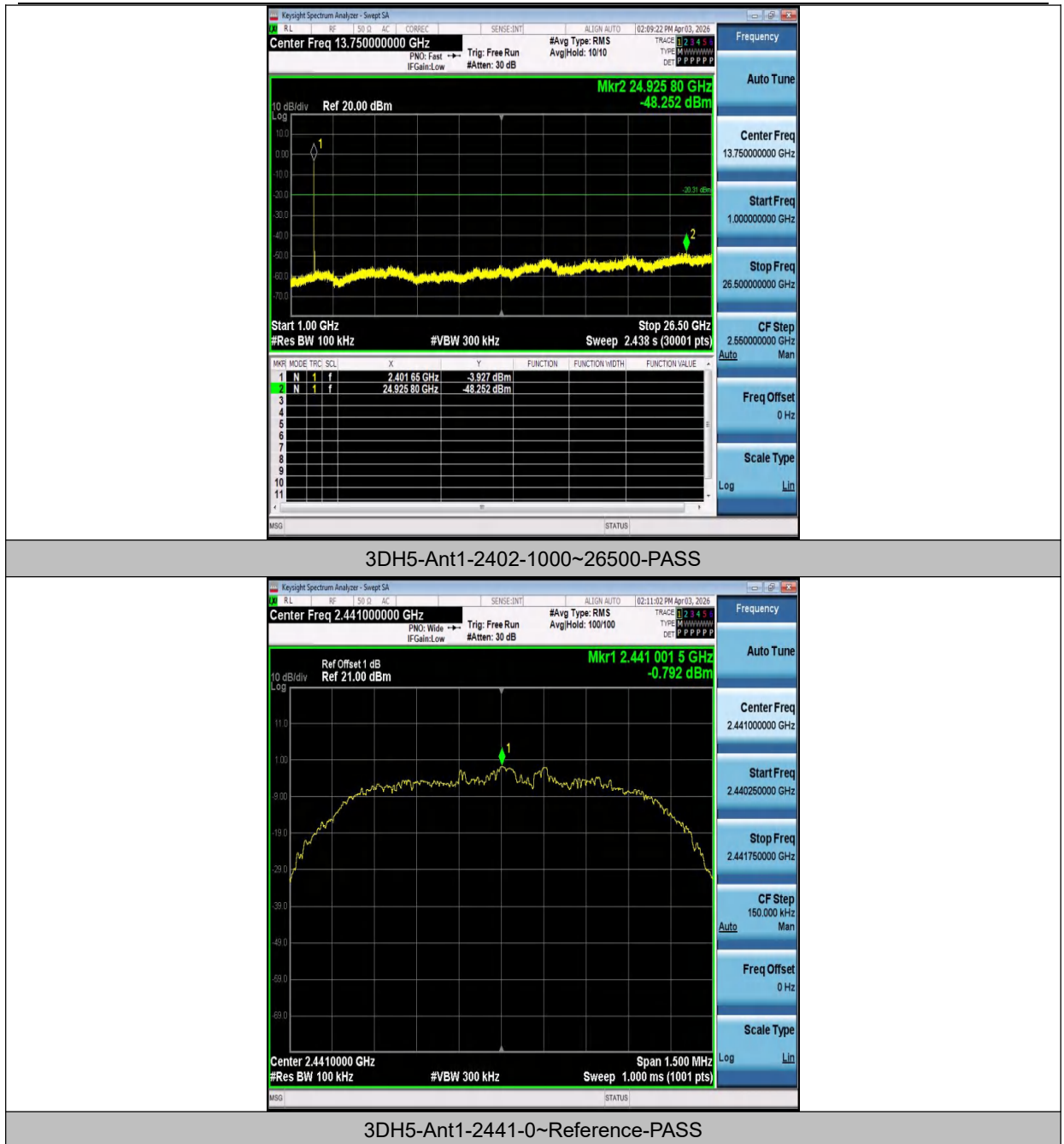
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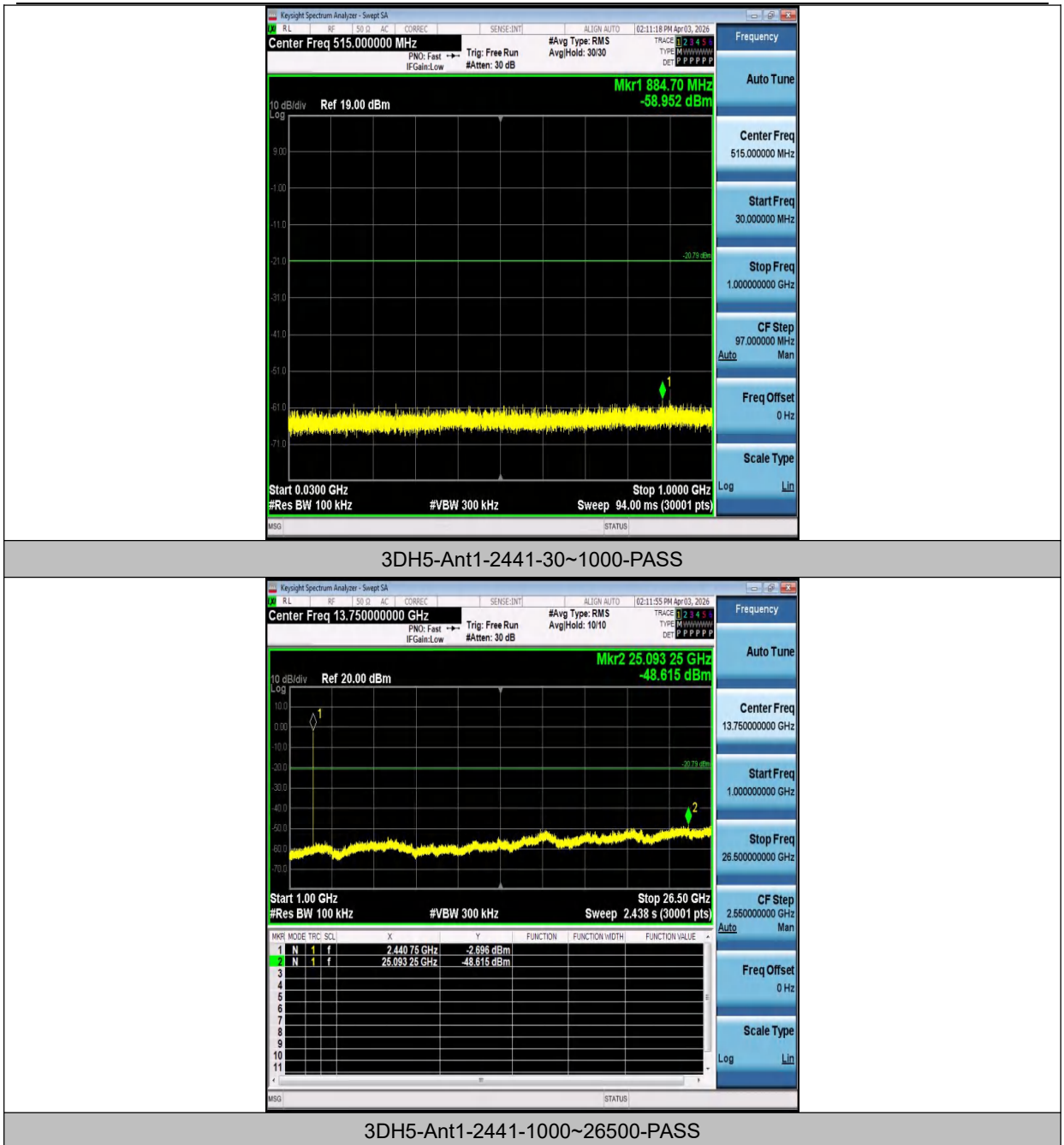
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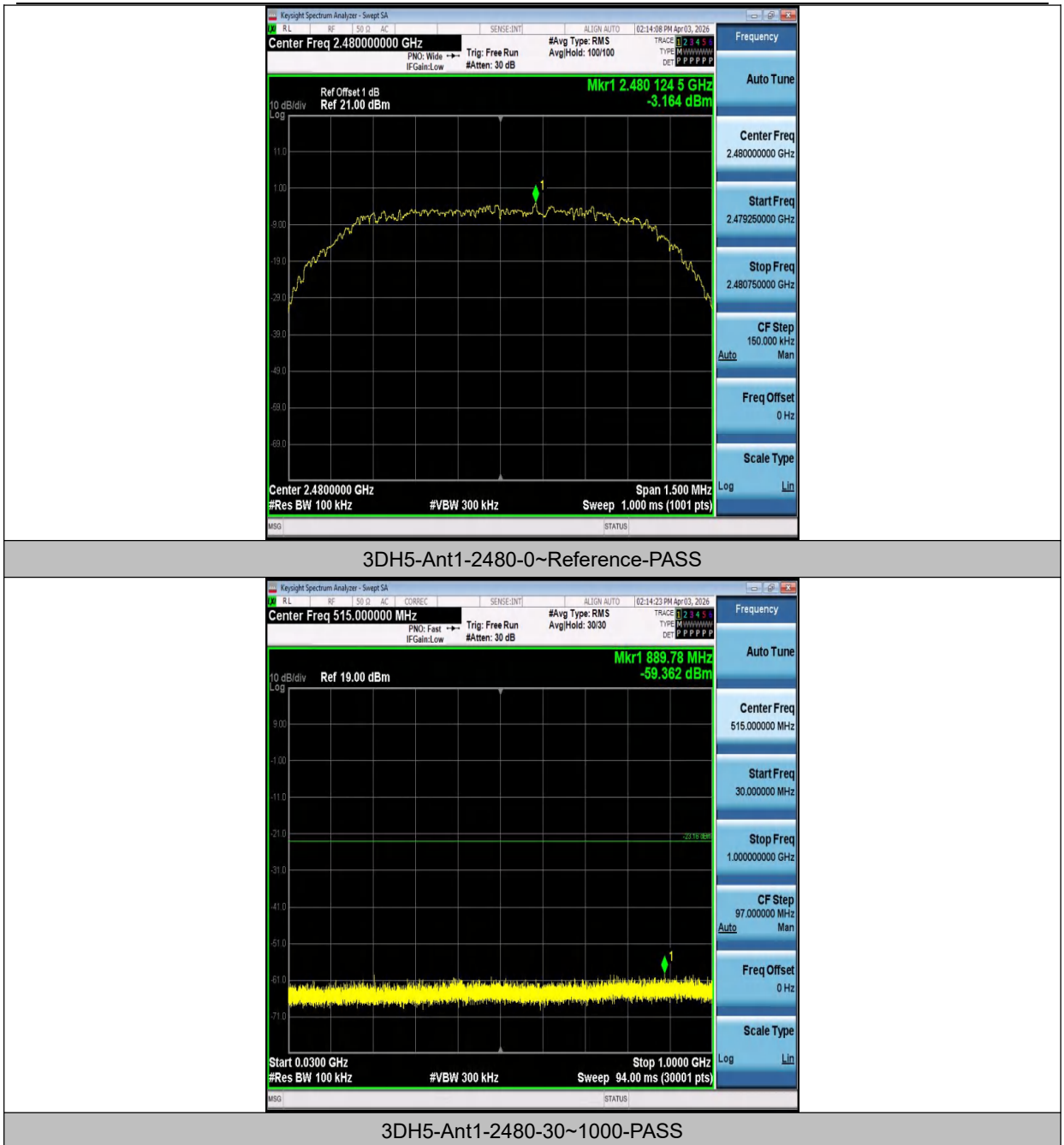
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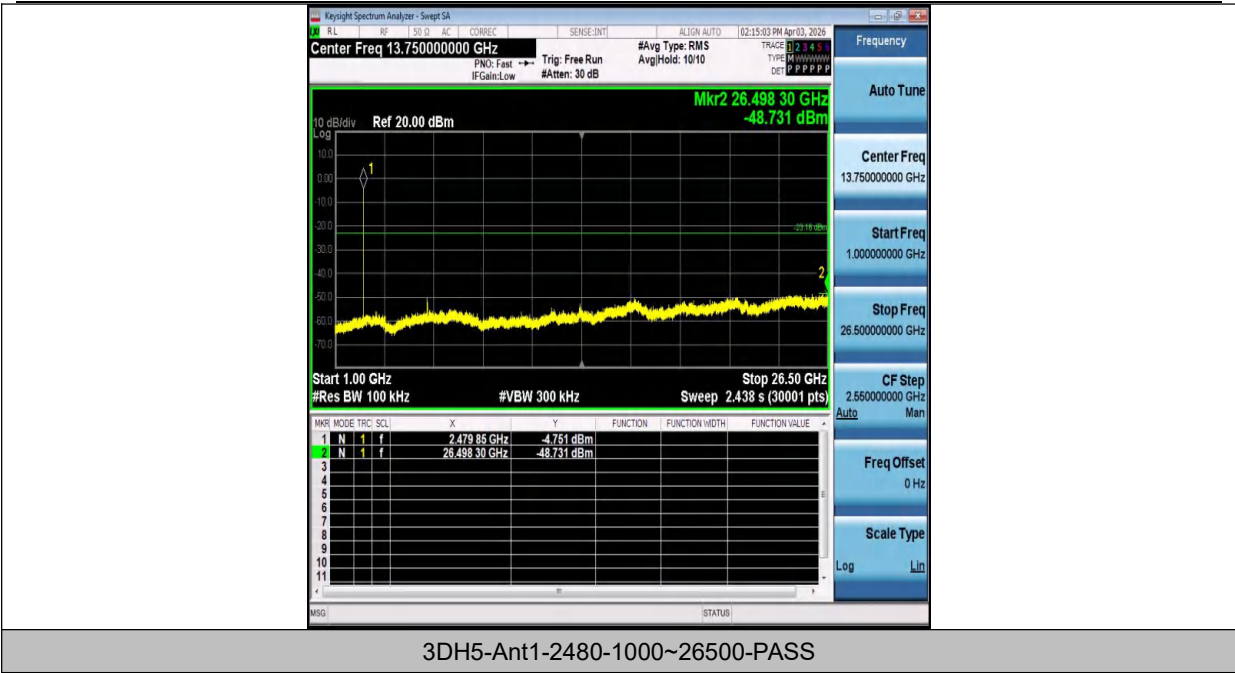
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Appendix I: Duty Cycle

Test Result

Test Mode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
DH5	Ant1	2402	2.88	3.74	77.01	1.13
DH5	Ant1	2441	2.88	3.74	77.01	1.13
DH5	Ant1	2480	2.88	3.74	77.01	1.13
2DH5	Ant1	2402	2.88	3.74	77.01	1.13
2DH5	Ant1	2441	2.88	3.73	77.21	1.12
2DH5	Ant1	2480	2.88	3.74	77.01	1.13
3DH5	Ant1	2402	2.90	3.75	77.33	1.12
3DH5	Ant1	2441	2.89	3.73	77.48	1.11
3DH5	Ant1	2480	2.90	3.74	77.54	1.10

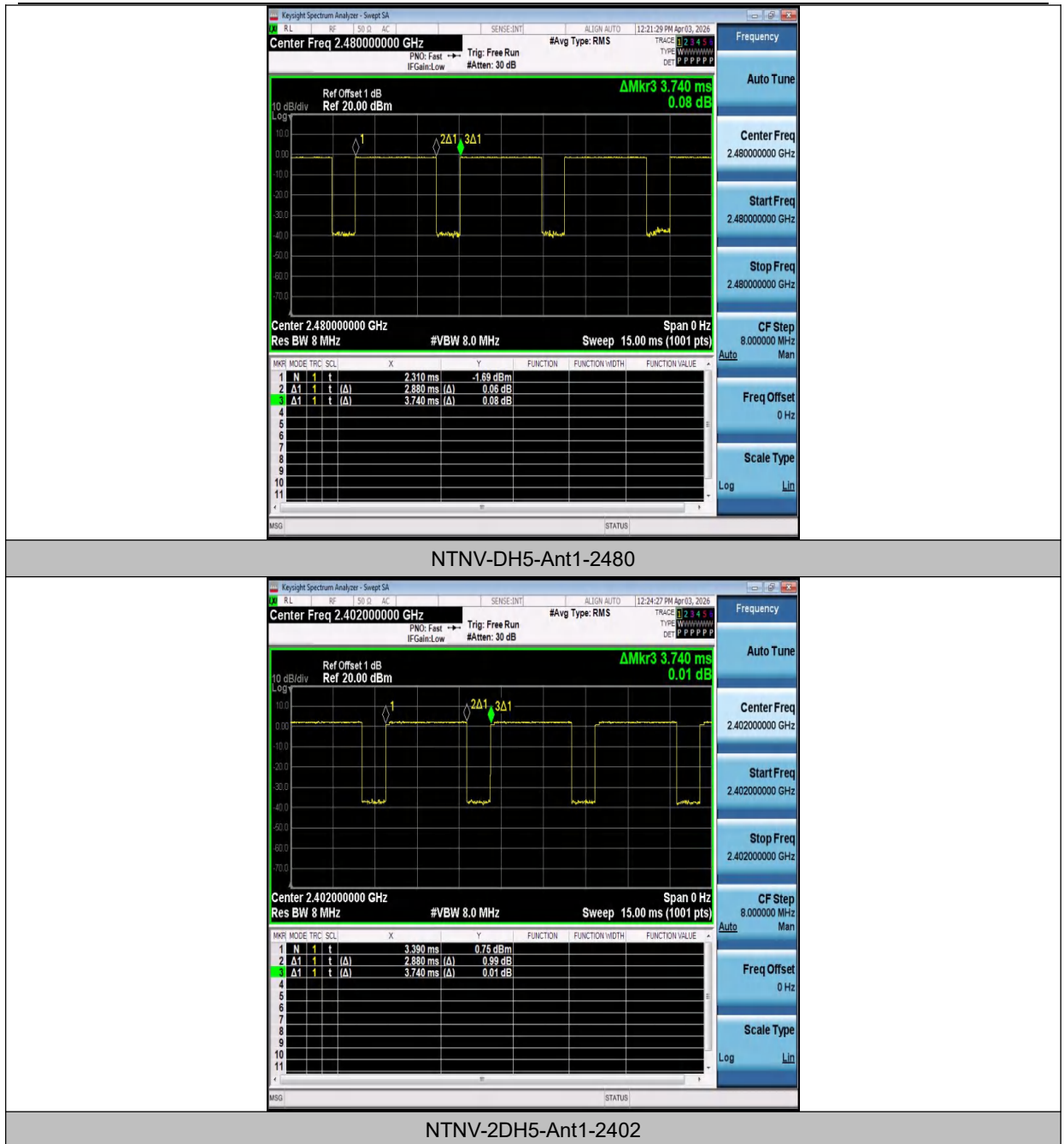
Test Graphs



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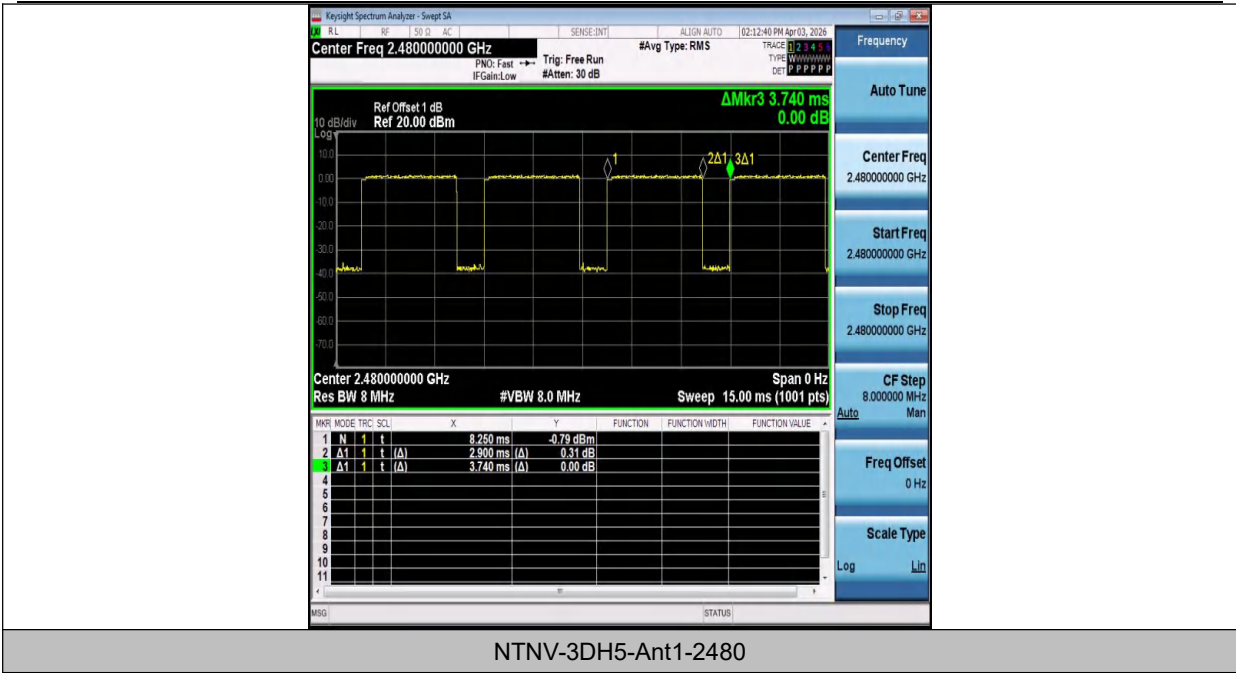


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