

Appendix Test Data

Report No.:	1818C60032112501-01	Test Sample No.:	1-2-2
Start Test Date:	2026-4-1	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	0.969	2401.496	2402.465	---	---
DH5	Ant1	2441	0.954	2440.502	2441.456	---	---
DH5	Ant1	2480	0.963	2479.493	2480.456	---	---
2DH5	Ant1	2402	1.359	2401.286	2402.645	---	---
2DH5	Ant1	2441	1.281	2440.334	2441.615	---	---
2DH5	Ant1	2480	1.311	2479.307	2480.618	---	---
3DH5	Ant1	2402	1.302	2401.313	2402.615	---	---
3DH5	Ant1	2441	1.329	2440.304	2441.633	---	---
3DH5	Ant1	2480	1.308	2479.313	2480.621	---	---

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	0.87705	2401.5253	2402.4023	---	---
DH5	Ant1	2441	0.89284	2440.5203	2441.4132	---	---
DH5	Ant1	2480	0.88702	2479.5237	2480.4107	---	---
2DH5	Ant1	2402	1.1795	2401.3734	2402.5529	---	---
2DH5	Ant1	2441	1.1952	2440.3694	2441.5646	---	---
2DH5	Ant1	2480	1.1891	2479.3700	2480.5591	---	---
3DH5	Ant1	2402	1.1984	2401.3627	2402.5611	---	---
3DH5	Ant1	2441	1.1867	2440.3706	2441.5573	---	---
3DH5	Ant1	2480	1.2007	2479.3615	2480.5622	---	---

Test Graphs



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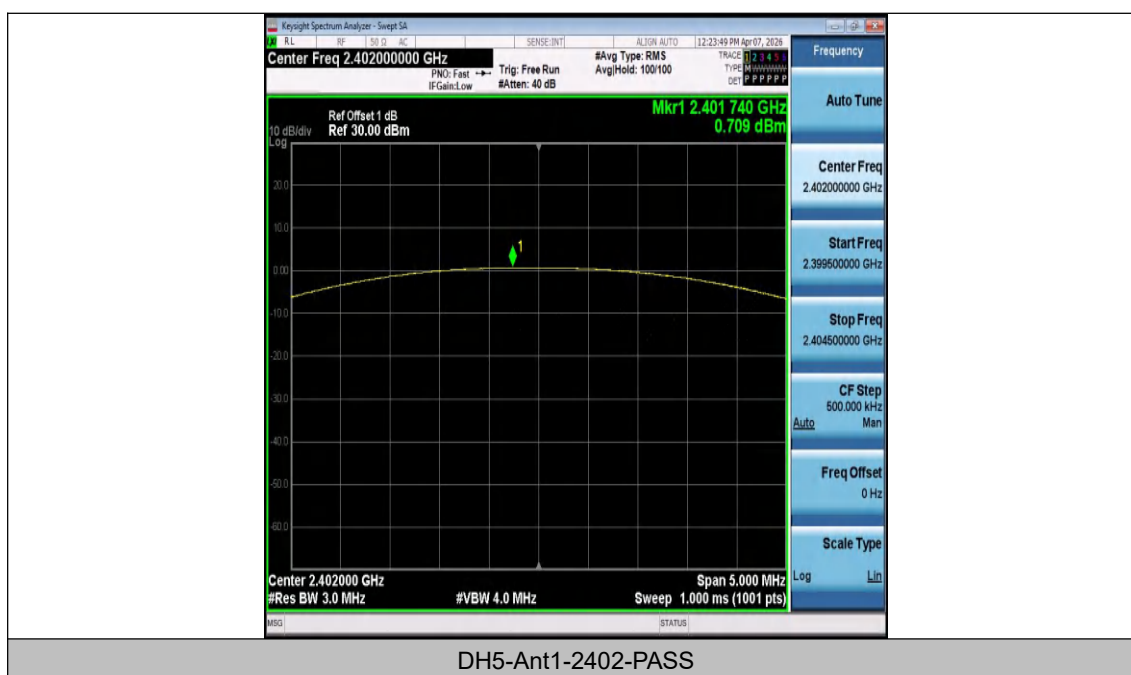
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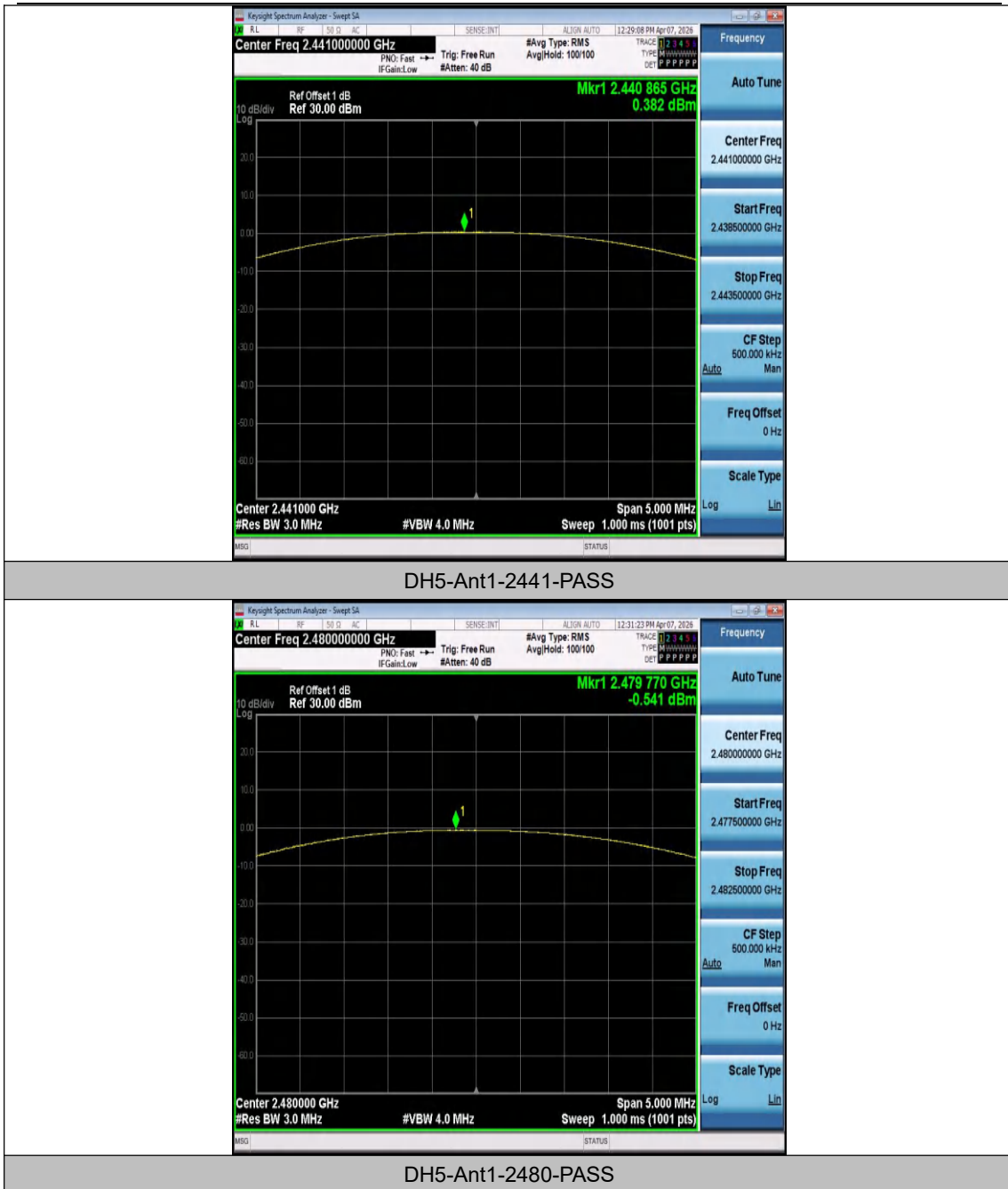
Appendix C: Maximum Conducted Output Power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	0.71	≤20.97	PASS
DH5	Ant1	2441	0.38	≤20.97	PASS
DH5	Ant1	2480	-0.54	≤20.97	PASS
2DH5	Ant1	2402	1.54	≤20.97	PASS
2DH5	Ant1	2441	1.14	≤20.97	PASS
2DH5	Ant1	2480	0.25	≤20.97	PASS
3DH5	Ant1	2402	1.90	≤20.97	PASS
3DH5	Ant1	2441	1.47	≤20.97	PASS
3DH5	Ant1	2480	0.60	≤20.97	PASS

Test Graphs

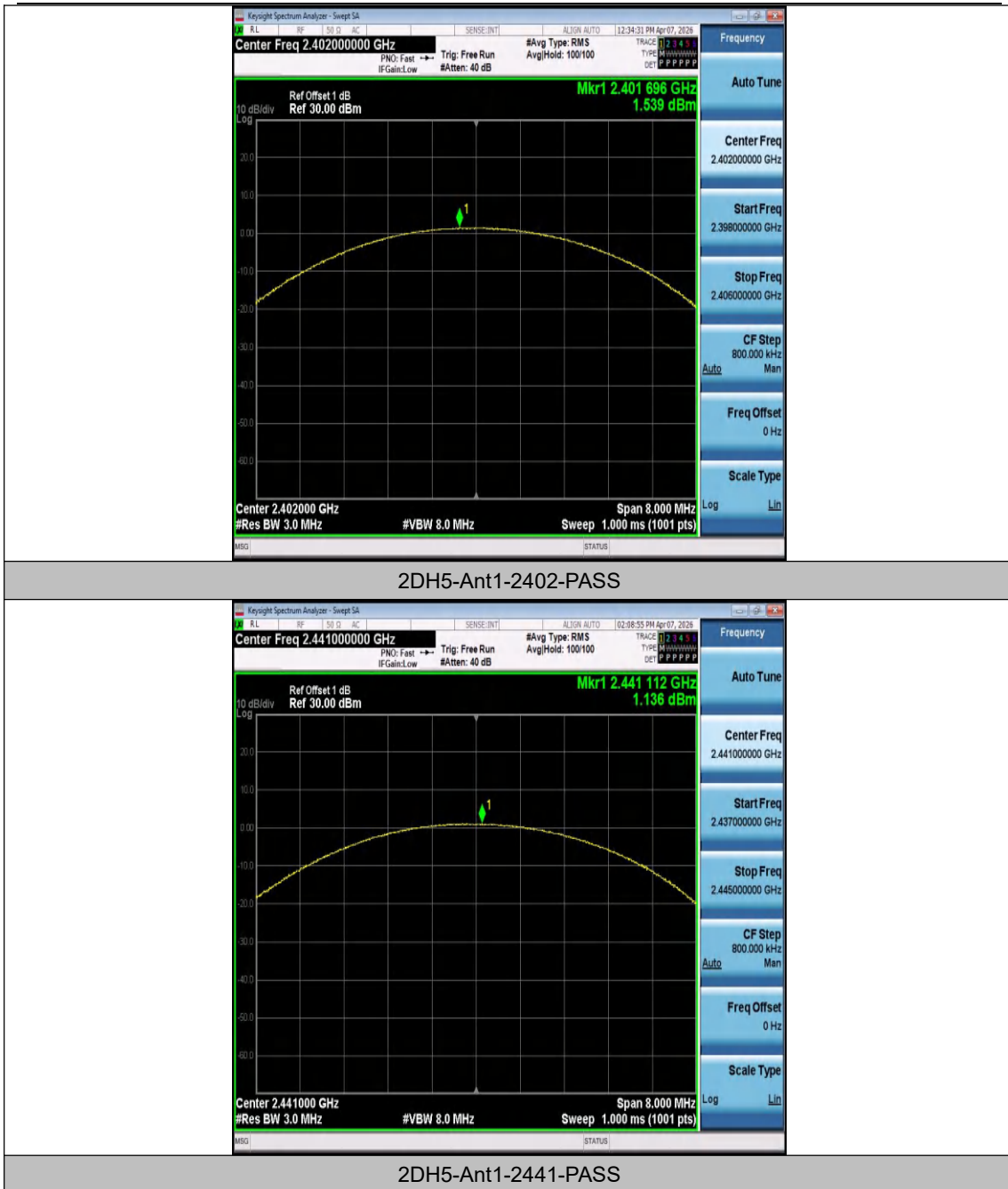




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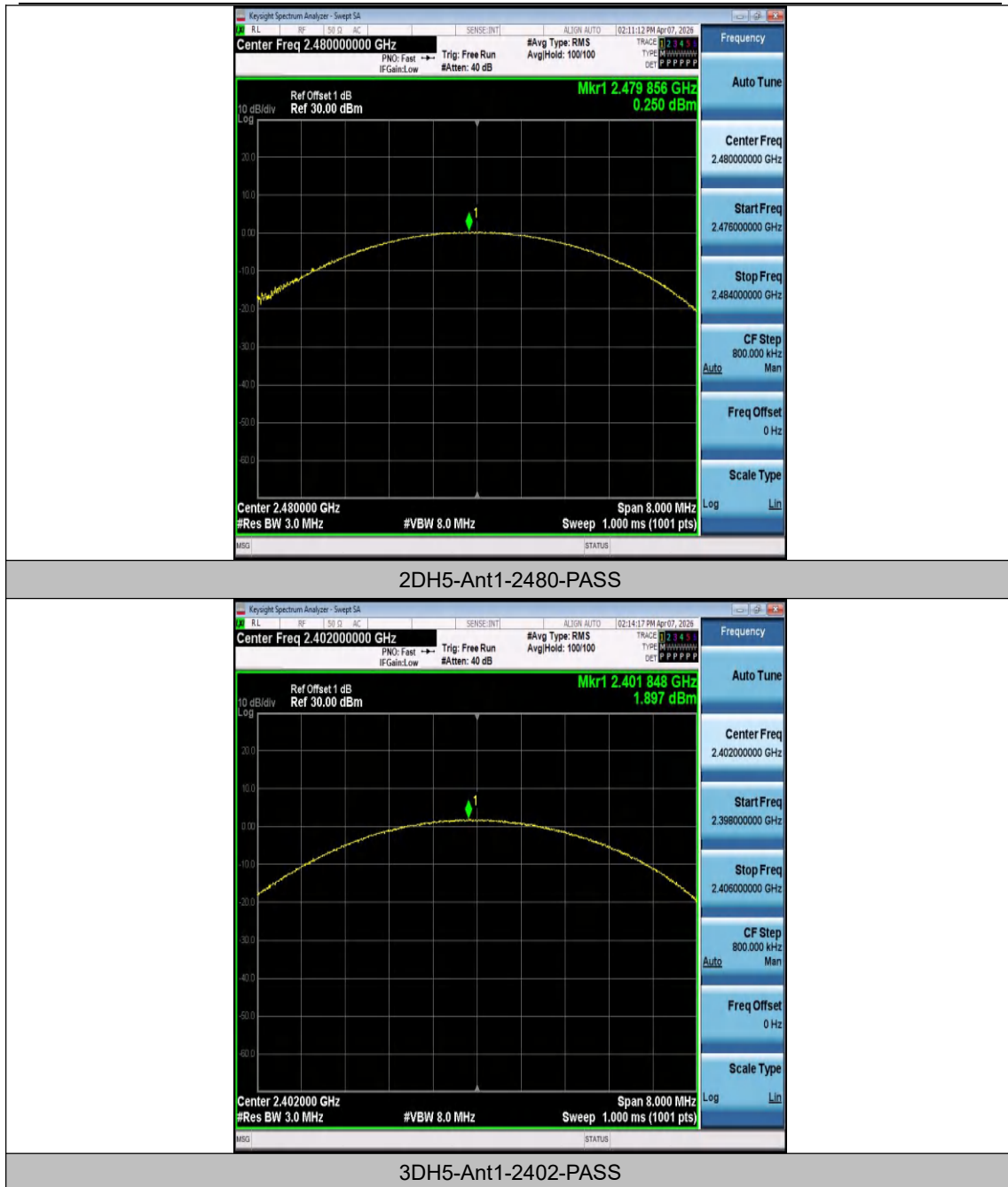
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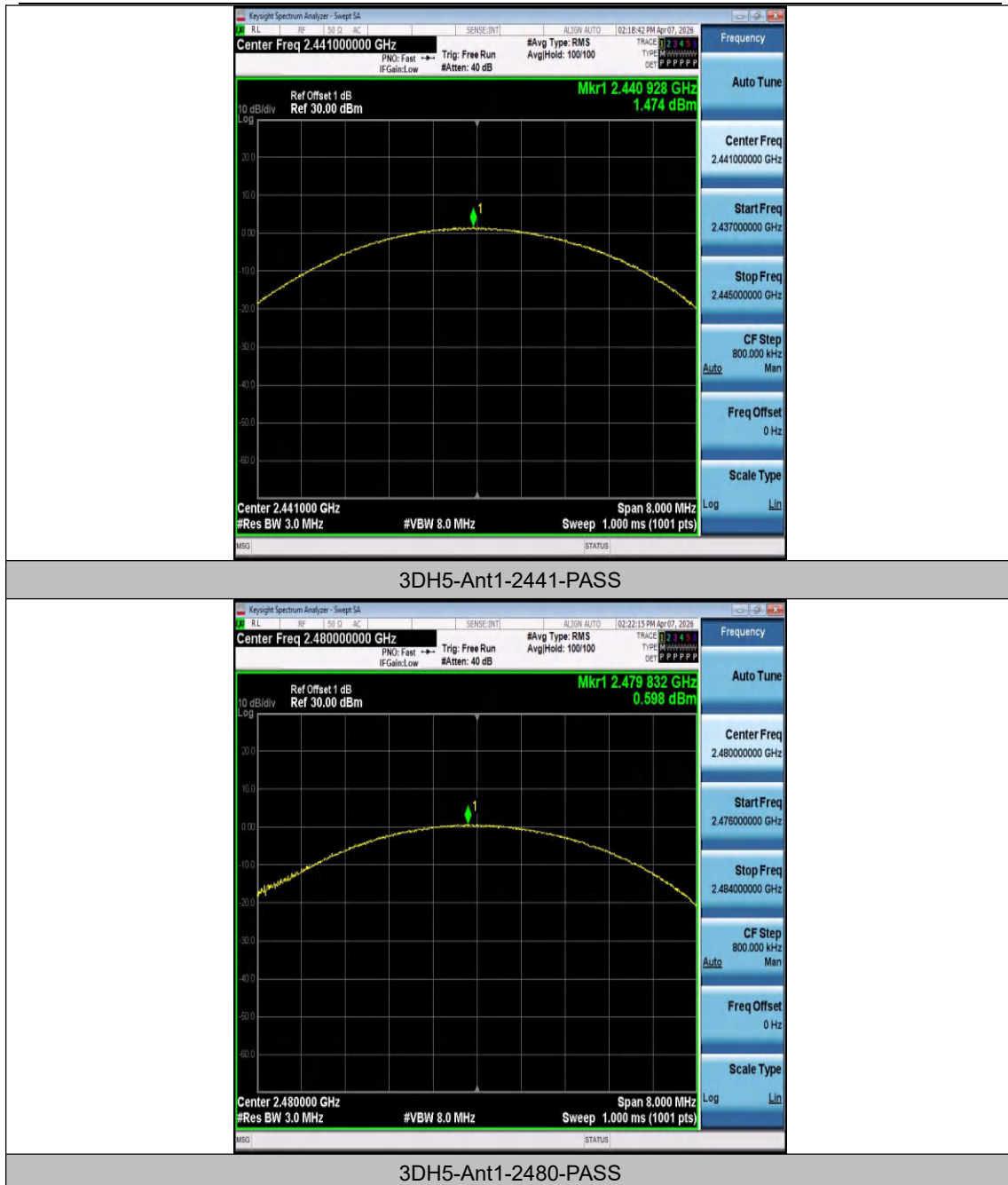
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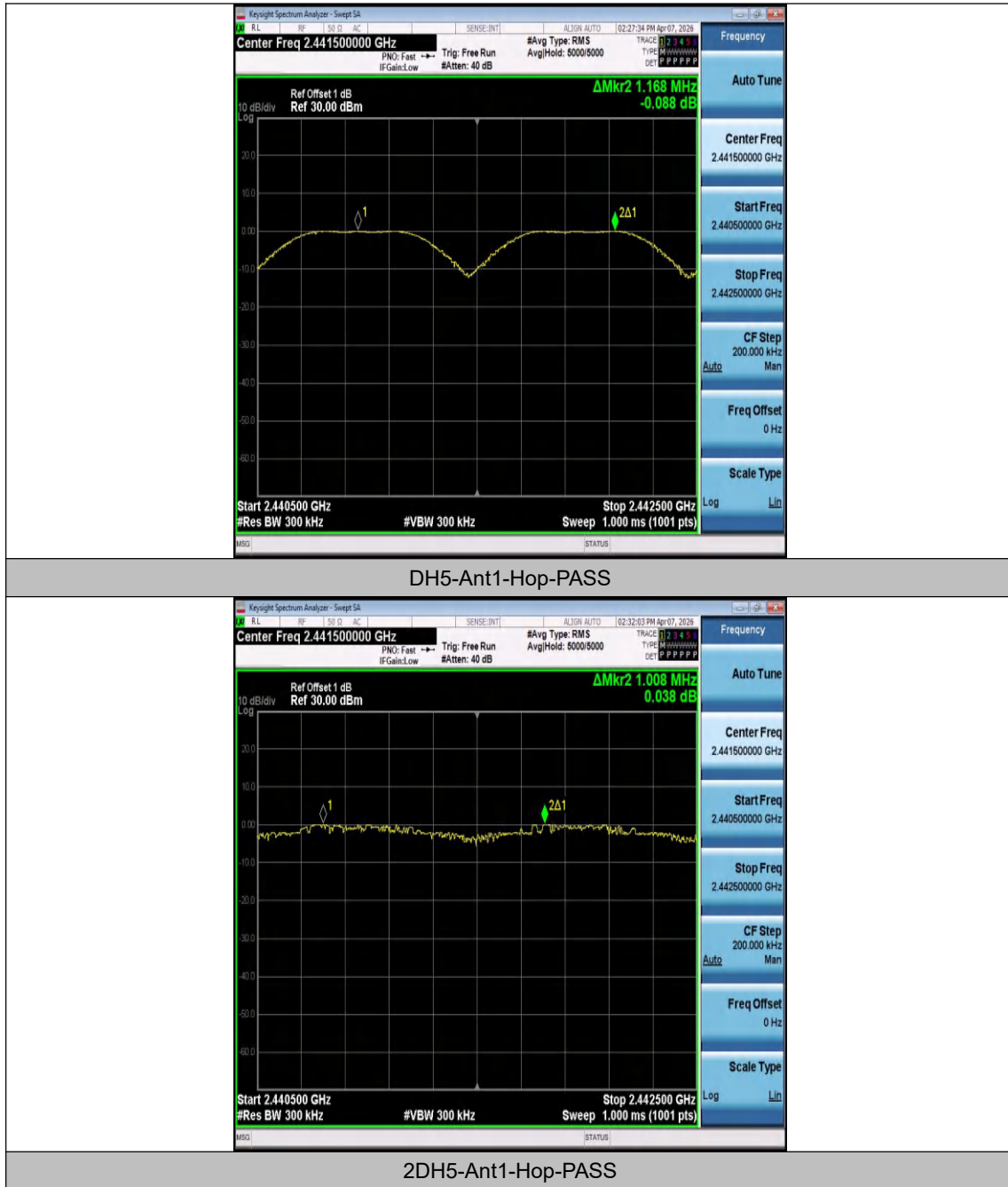
Appendix D: Carrier frequency separation

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.168	≥ 0.646	PASS
2DH5	Ant1	Hop	1.008	≥ 0.906	PASS
3DH5	Ant1	Hop	1.304	≥ 0.886	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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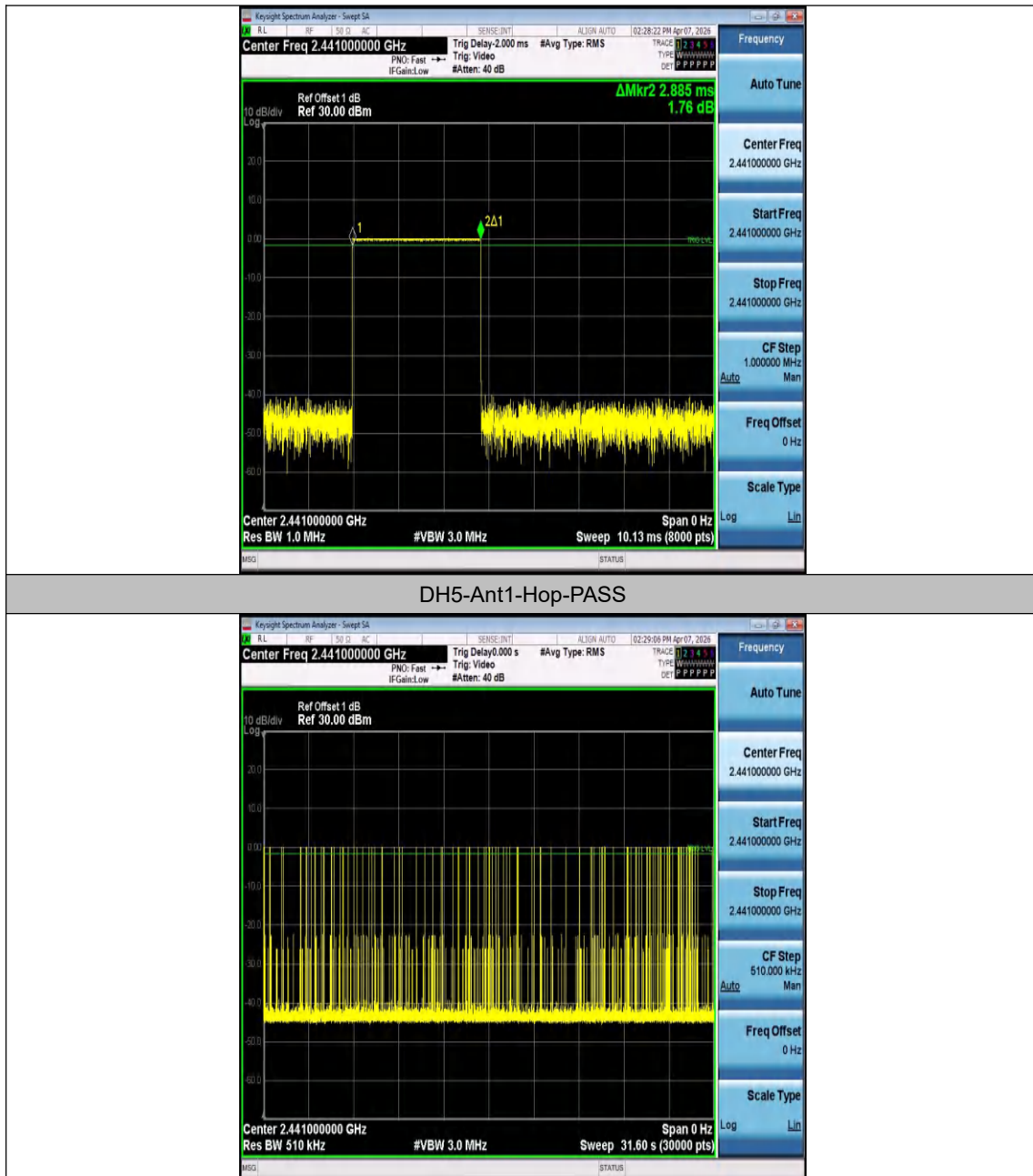
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Appendix E: Dwell Time

Test Result

Test Mode	Antenna	Frequency [MHz]	Burst Width [ms]	Total Hops [Num]	Result [s]	Limit [s]	Verdict
DH5	Ant1	Hop	2.885	105	0.303	≤0.4	PASS
2DH5	Ant1	Hop	2.891	107	0.309	≤0.4	PASS
3DH5	Ant1	Hop	2.893	116	0.336	≤0.4	PASS

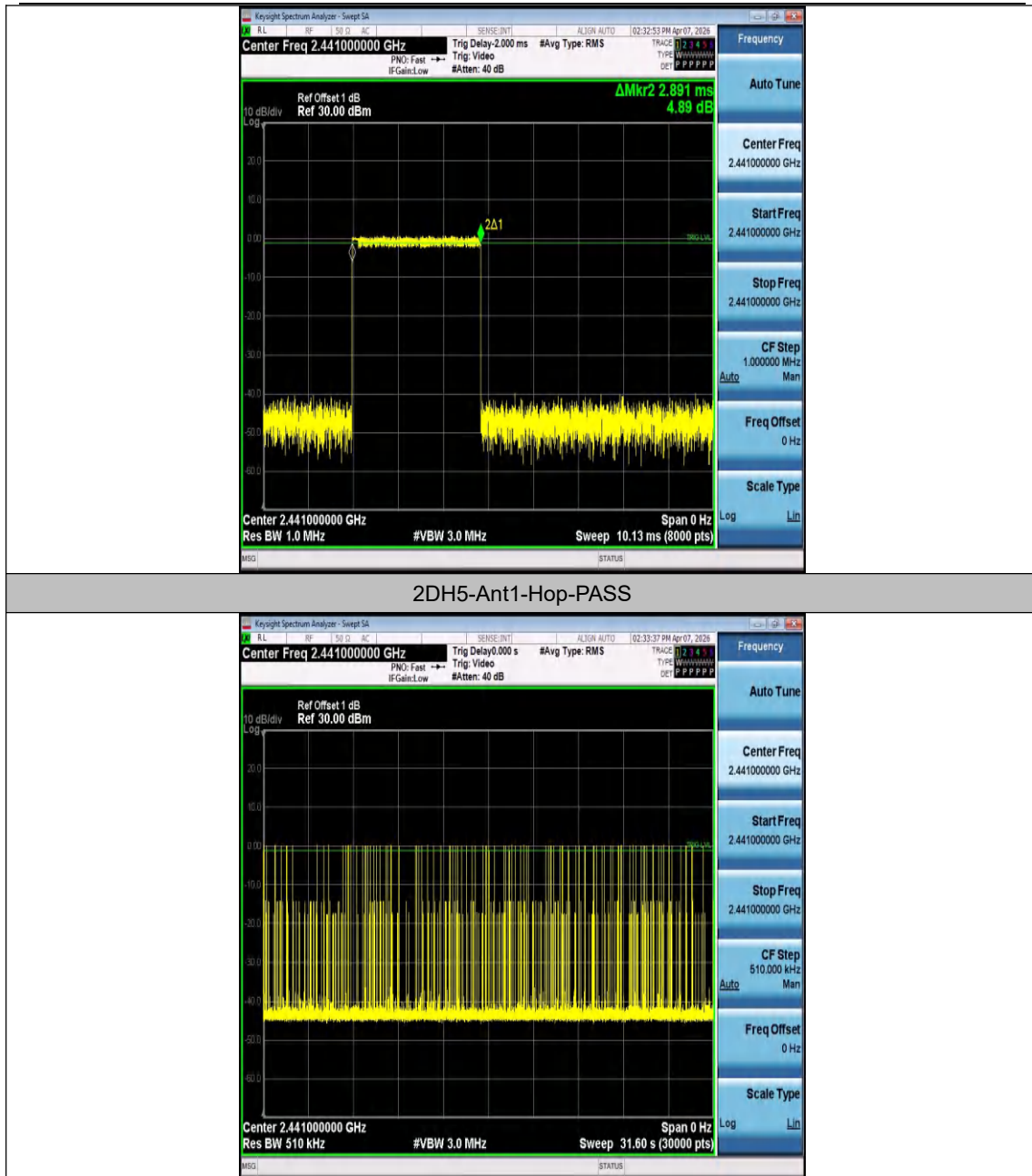
Test Graphs



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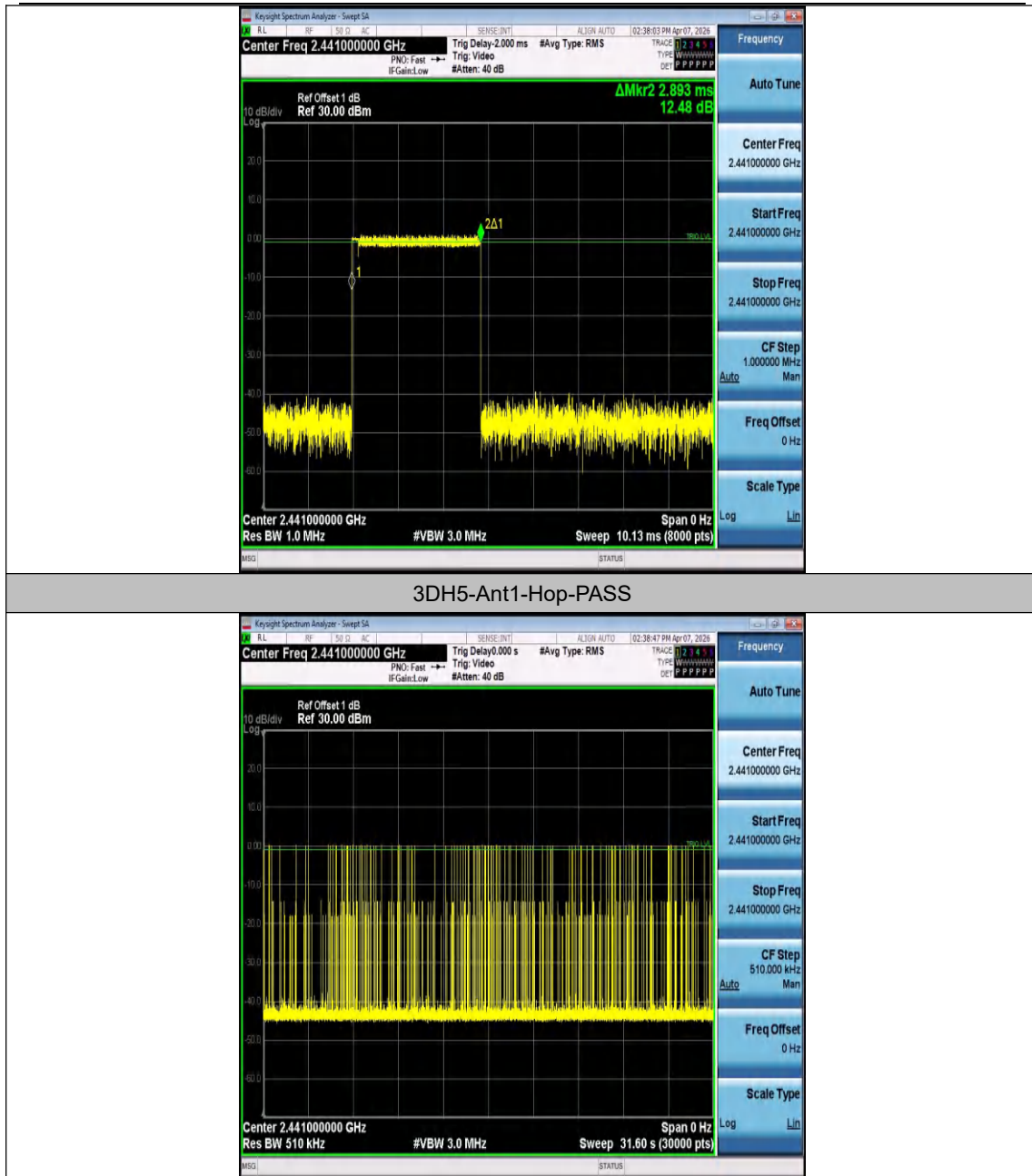
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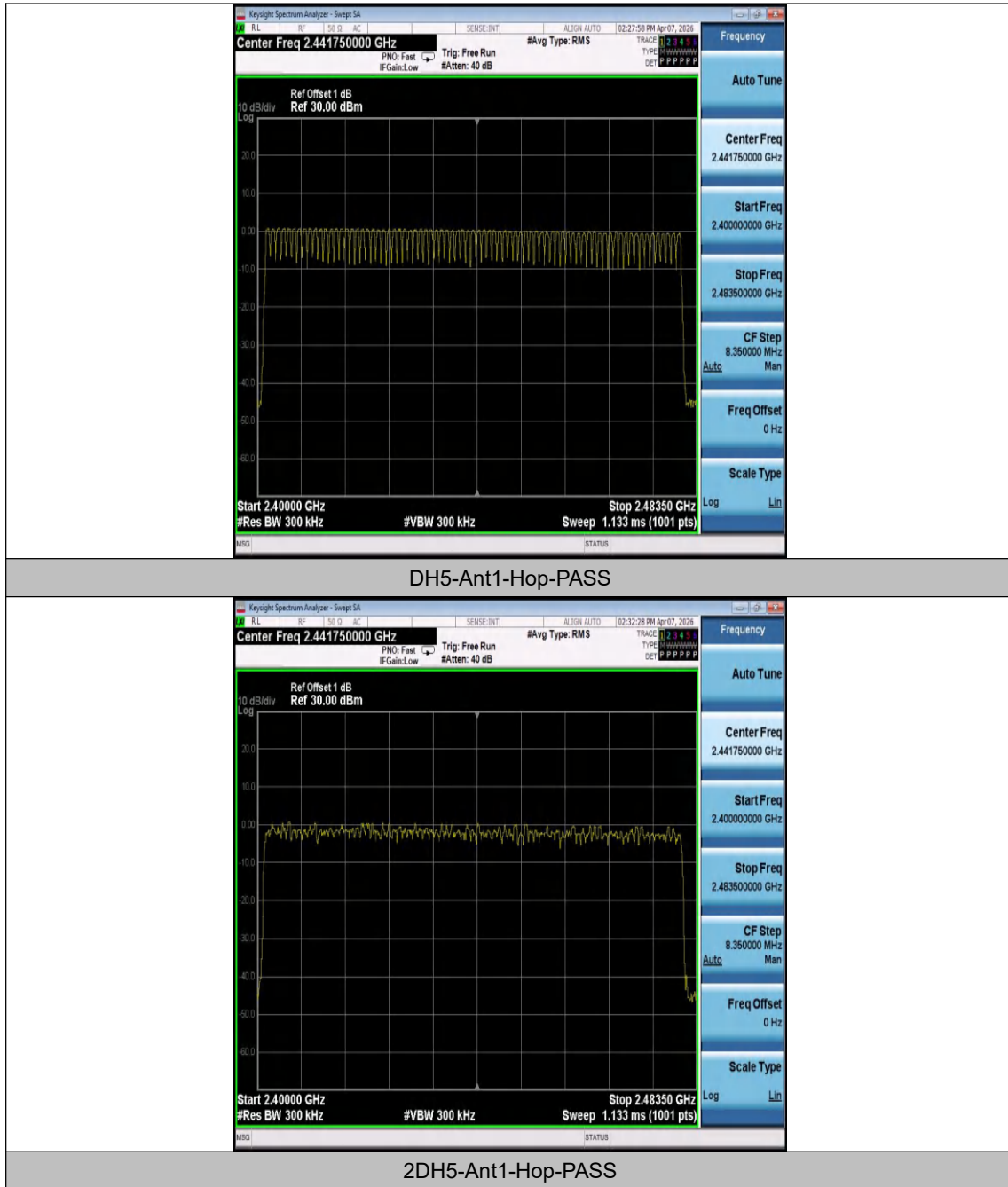
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Appendix F: Number of Hopping Channel

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

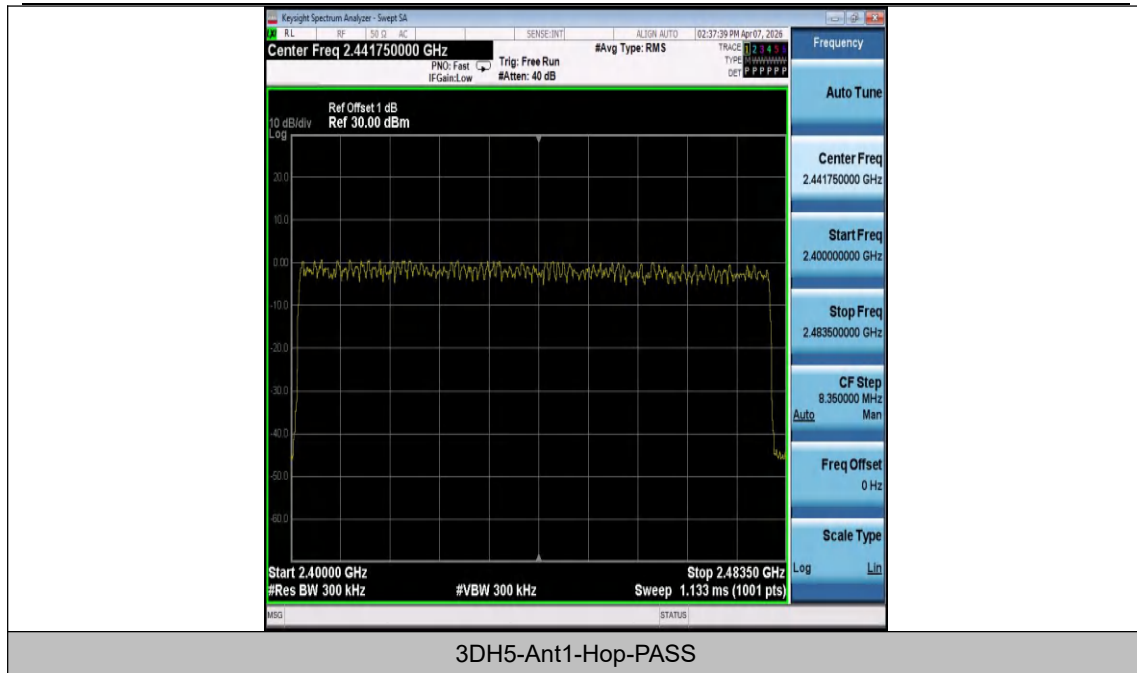
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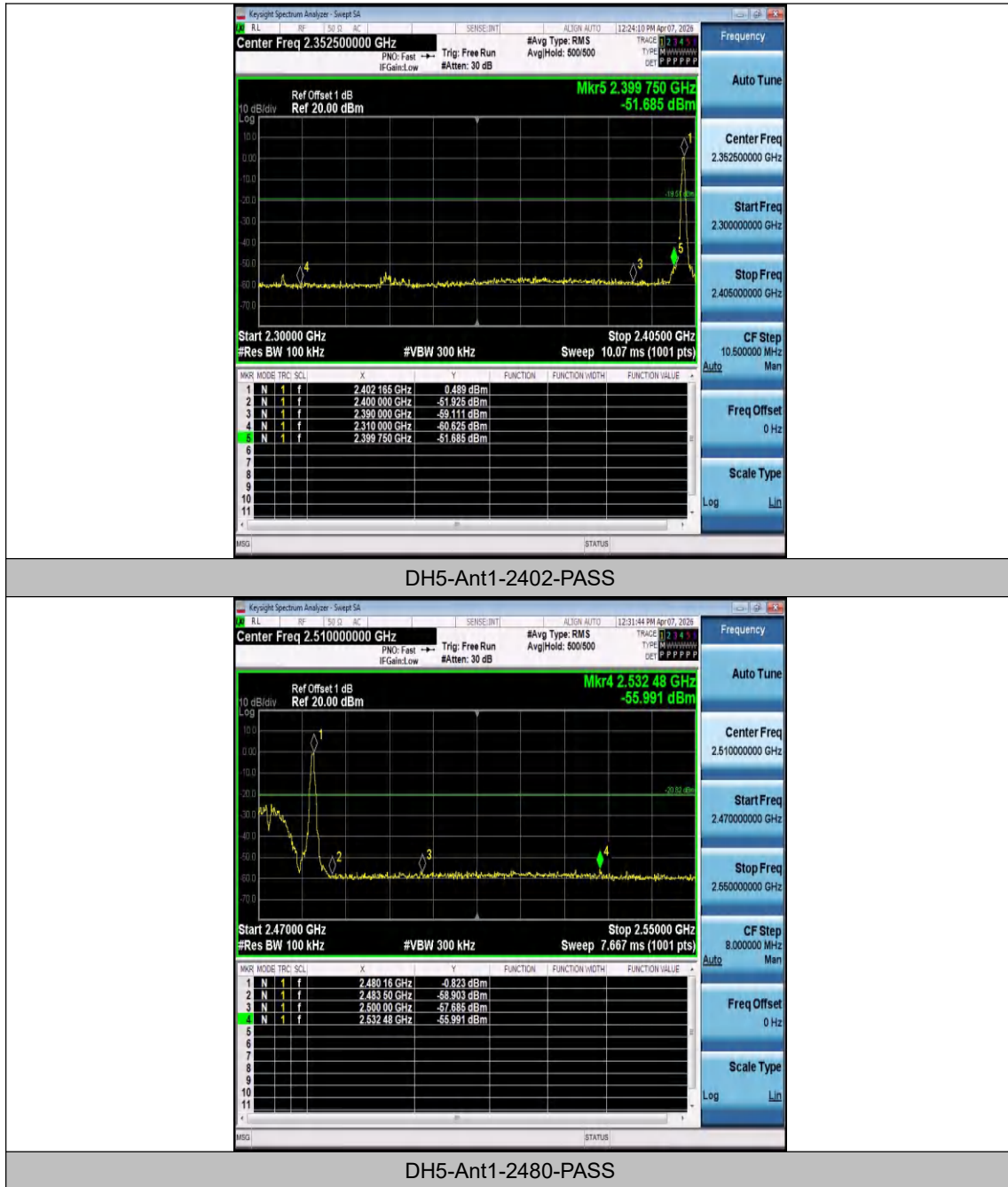
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Appendix G: Conducted Band edge

Test Result

Test Mode	Antenna	Ch. Name	Frequency [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	0.49	-51.69	≤-19.51	PASS
DH5	Ant1	High	2480	-0.82	-55.99	≤-20.82	PASS
DH5	Ant1	Low	Hop_2402	0.06	-55.71	≤-19.94	PASS
DH5	Ant1	High	Hop_2480	-0.69	-31.18	≤-20.69	PASS
2DH5	Ant1	Low	2402	0.04	-48.44	≤-19.96	PASS
2DH5	Ant1	High	2480	-0.76	-55.21	≤-20.76	PASS
2DH5	Ant1	Low	Hop_2402	-1.66	-56.44	≤-21.66	PASS
2DH5	Ant1	High	Hop_2480	-0.89	-56.13	≤-20.89	PASS
3DH5	Ant1	Low	2402	0.18	-51.77	≤-19.82	PASS
3DH5	Ant1	High	2480	-1.08	-56.18	≤-21.08	PASS
3DH5	Ant1	Low	Hop_2402	-0.78	-54.04	≤-20.78	PASS
3DH5	Ant1	High	Hop_2480	-1.05	-55.97	≤-21.05	PASS

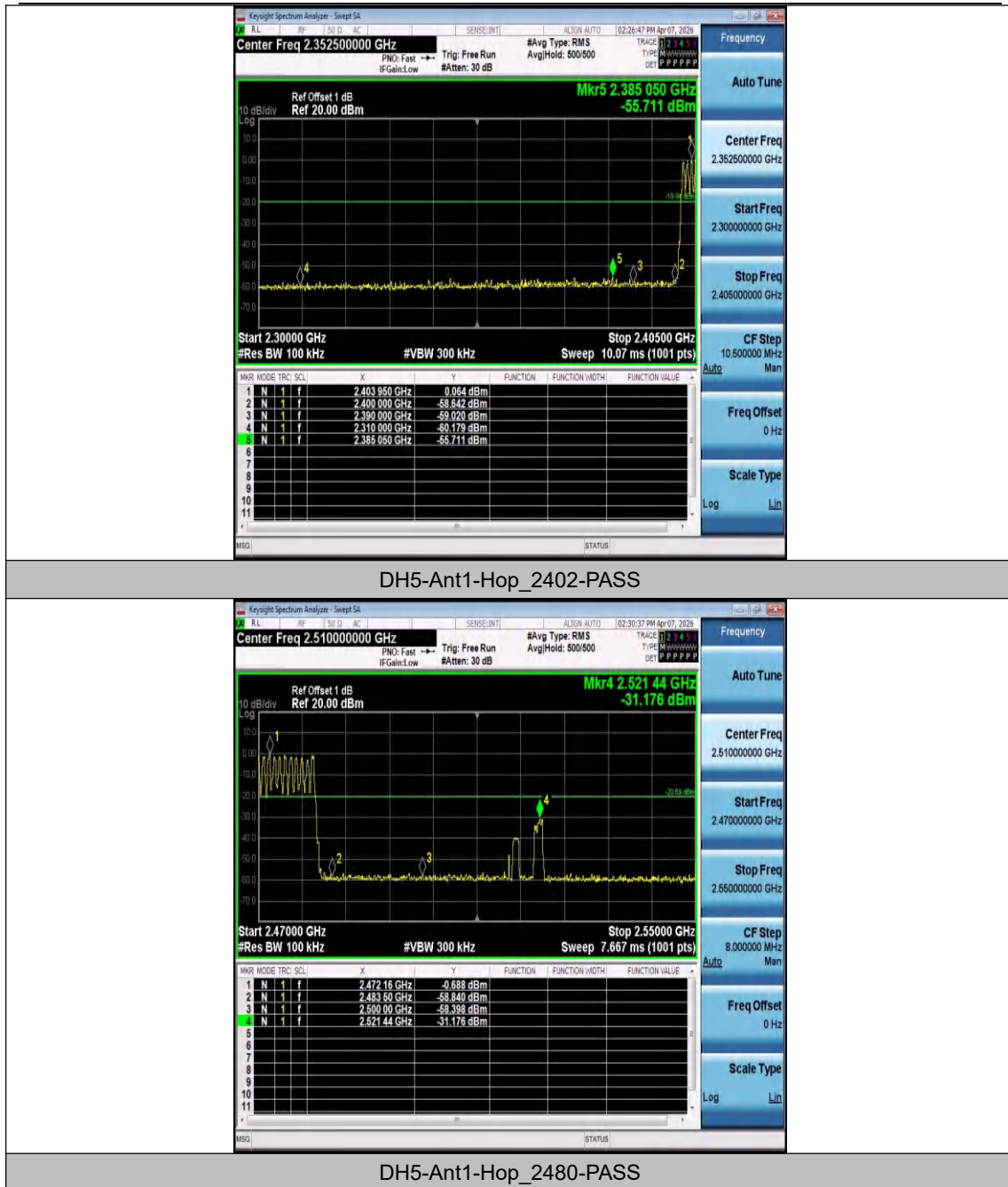
Test Graphs



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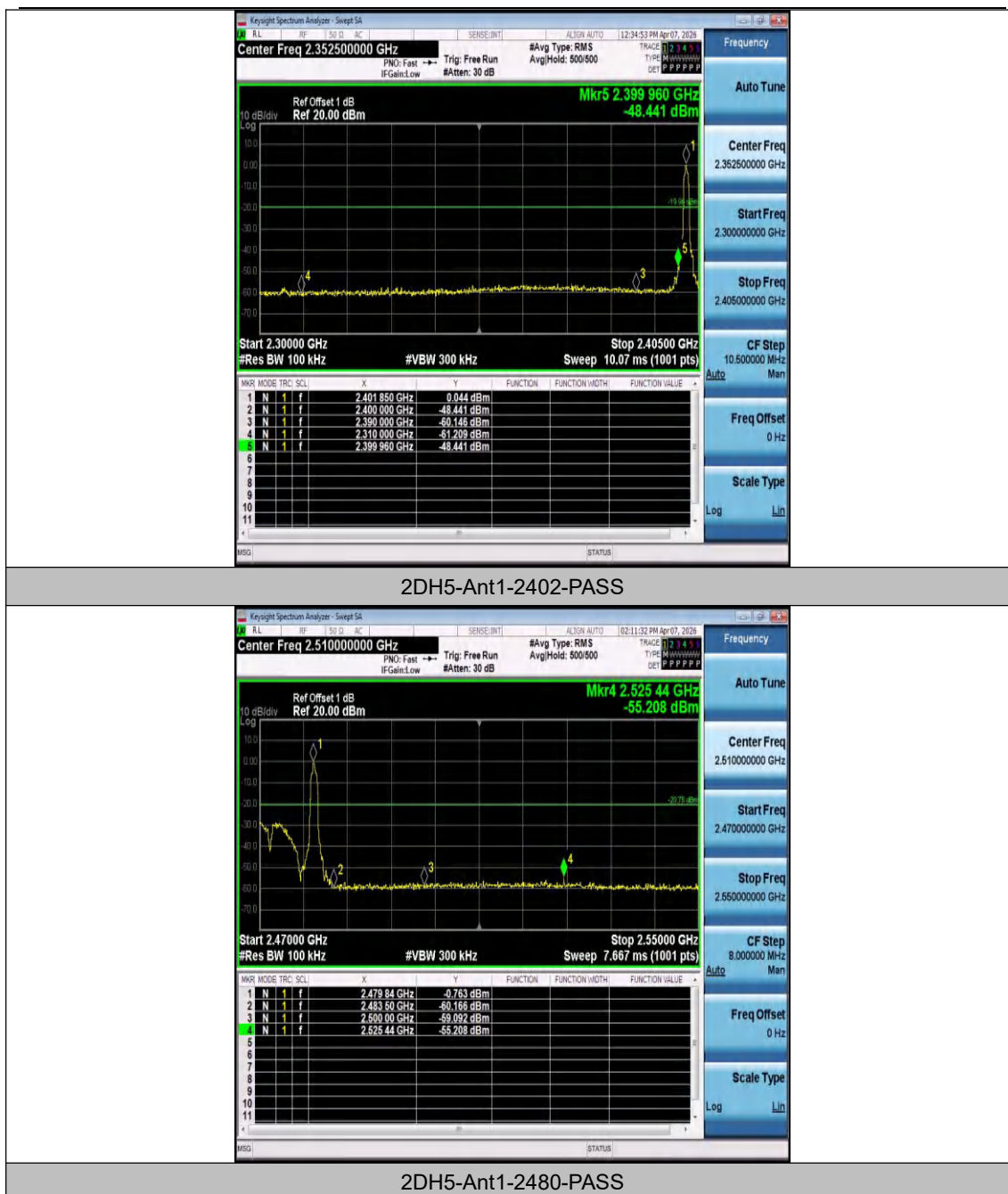
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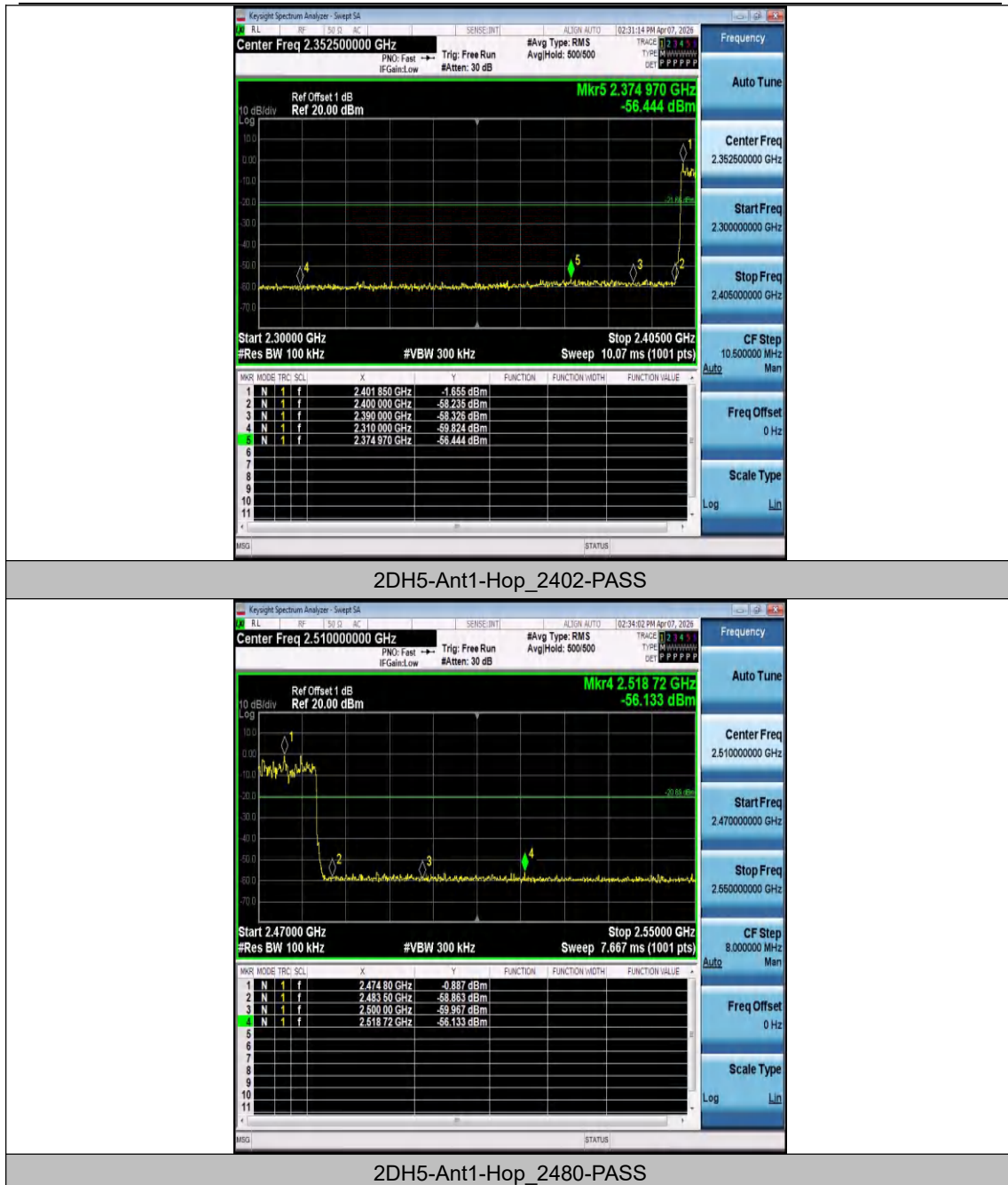


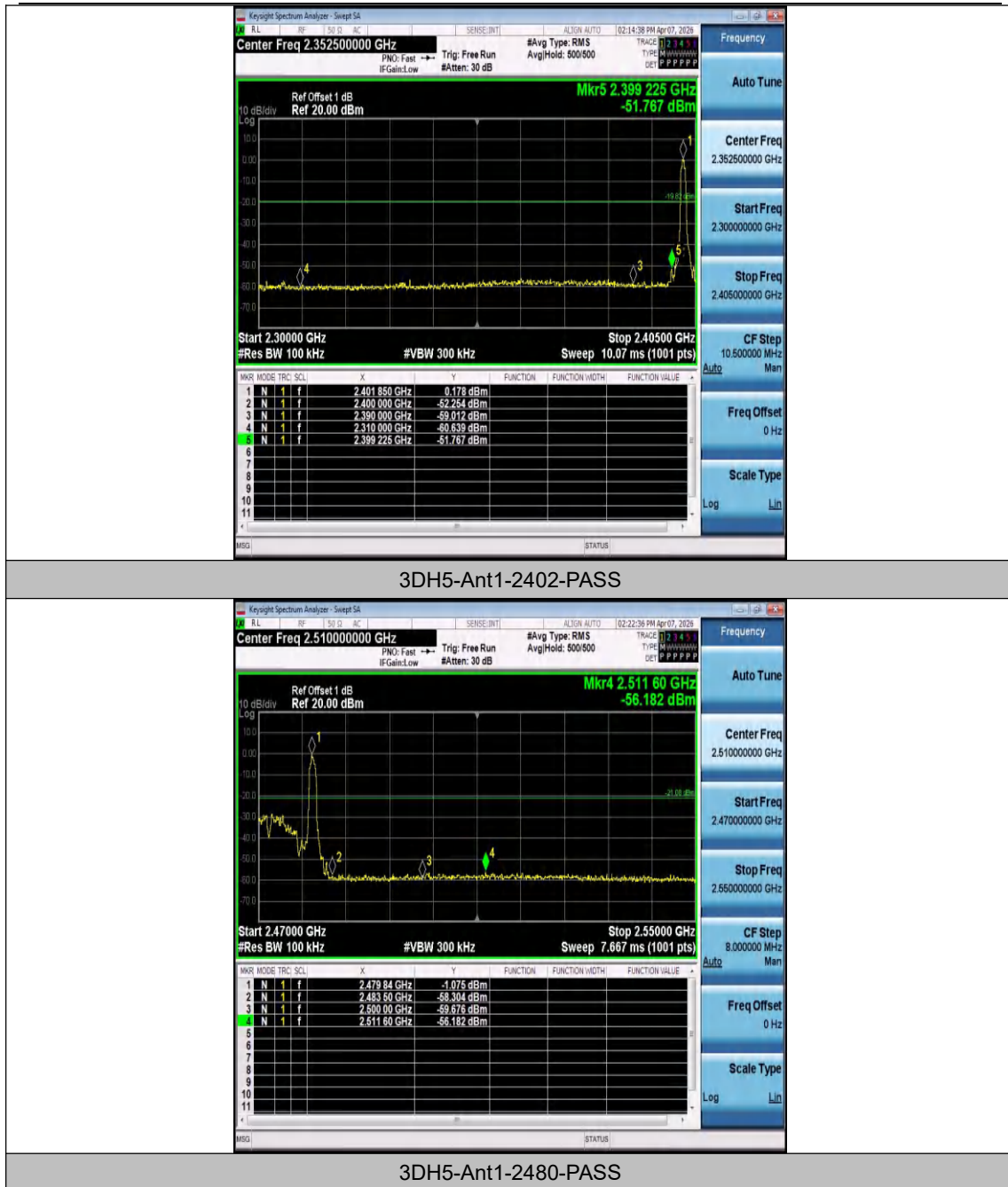
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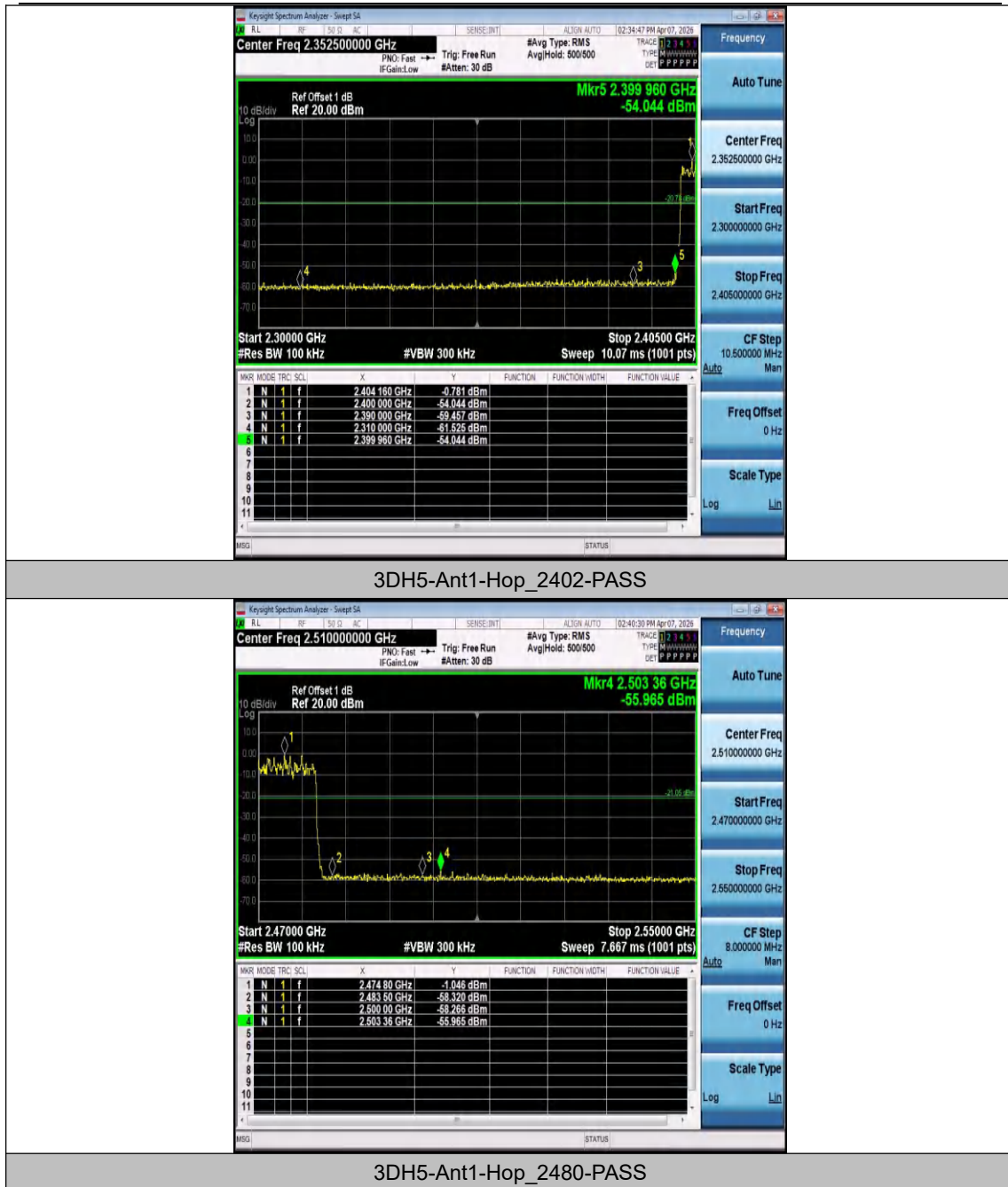




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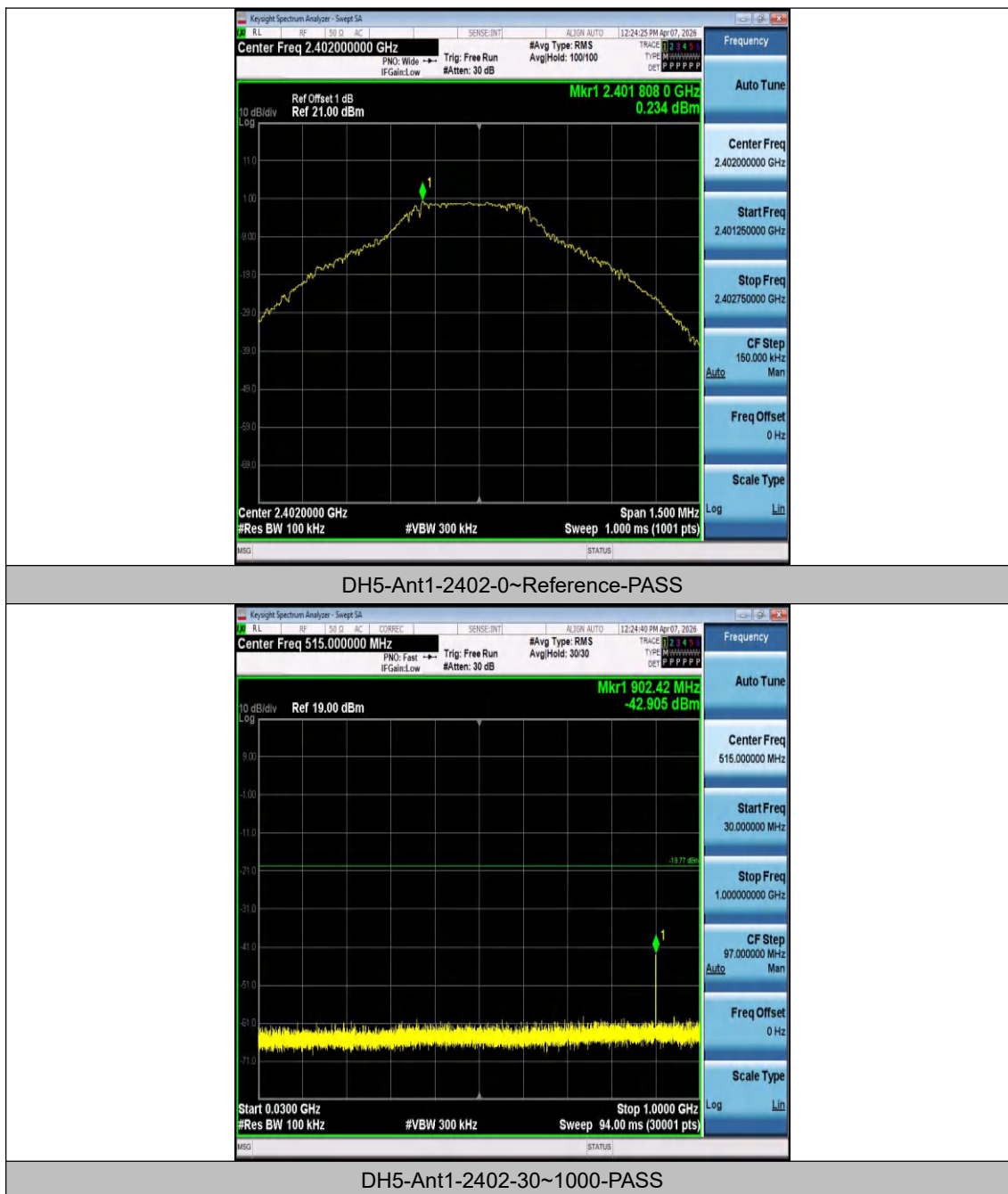
Appendix H: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency[MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	0~Reference	0.23	0.23	---	PASS
DH5	Ant1	2402	30~1000	0.23	-42.91	≤-19.77	PASS
DH5	Ant1	2402	1000~26500	0.23	-47.67	≤-19.77	PASS
DH5	Ant1	2441	0~Reference	-0.06	-0.06	---	PASS
DH5	Ant1	2441	30~1000	-0.06	-38.49	≤-20.06	PASS
DH5	Ant1	2441	1000~26500	-0.06	-47.88	≤-20.06	PASS
DH5	Ant1	2480	0~Reference	-0.86	-0.86	---	PASS
DH5	Ant1	2480	30~1000	-0.86	-40.56	≤-20.86	PASS
DH5	Ant1	2480	1000~26500	-0.86	-46.11	≤-20.86	PASS
2DH5	Ant1	2402	0~Reference	0.28	0.28	---	PASS
2DH5	Ant1	2402	30~1000	0.28	-41.07	≤-19.72	PASS
2DH5	Ant1	2402	1000~26500	0.28	-48.34	≤-19.72	PASS
2DH5	Ant1	2441	0~Reference	0.03	0.03	---	PASS
2DH5	Ant1	2441	30~1000	0.03	-57.34	≤-19.97	PASS
2DH5	Ant1	2441	1000~26500	0.03	-48.41	≤-19.97	PASS
2DH5	Ant1	2480	0~Reference	-2.49	-2.49	---	PASS
2DH5	Ant1	2480	30~1000	-2.49	-42.64	≤-22.49	PASS
2DH5	Ant1	2480	1000~26500	-2.49	-48.28	≤-22.49	PASS
3DH5	Ant1	2402	0~Reference	0.13	0.13	---	PASS
3DH5	Ant1	2402	30~1000	0.13	-36.14	≤-19.87	PASS
3DH5	Ant1	2402	1000~26500	0.13	-43.72	≤-19.87	PASS
3DH5	Ant1	2441	0~Reference	0.00	0.00	---	PASS
3DH5	Ant1	2441	30~1000	0.00	-36.39	≤-20	PASS
3DH5	Ant1	2441	1000~26500	0.00	-48.6	≤-20	PASS
3DH5	Ant1	2480	0~Reference	-1.13	-1.13	---	PASS
3DH5	Ant1	2480	30~1000	-1.13	-35.92	≤-21.13	PASS
3DH5	Ant1	2480	1000~26500	-1.13	-48.89	≤-21.13	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.

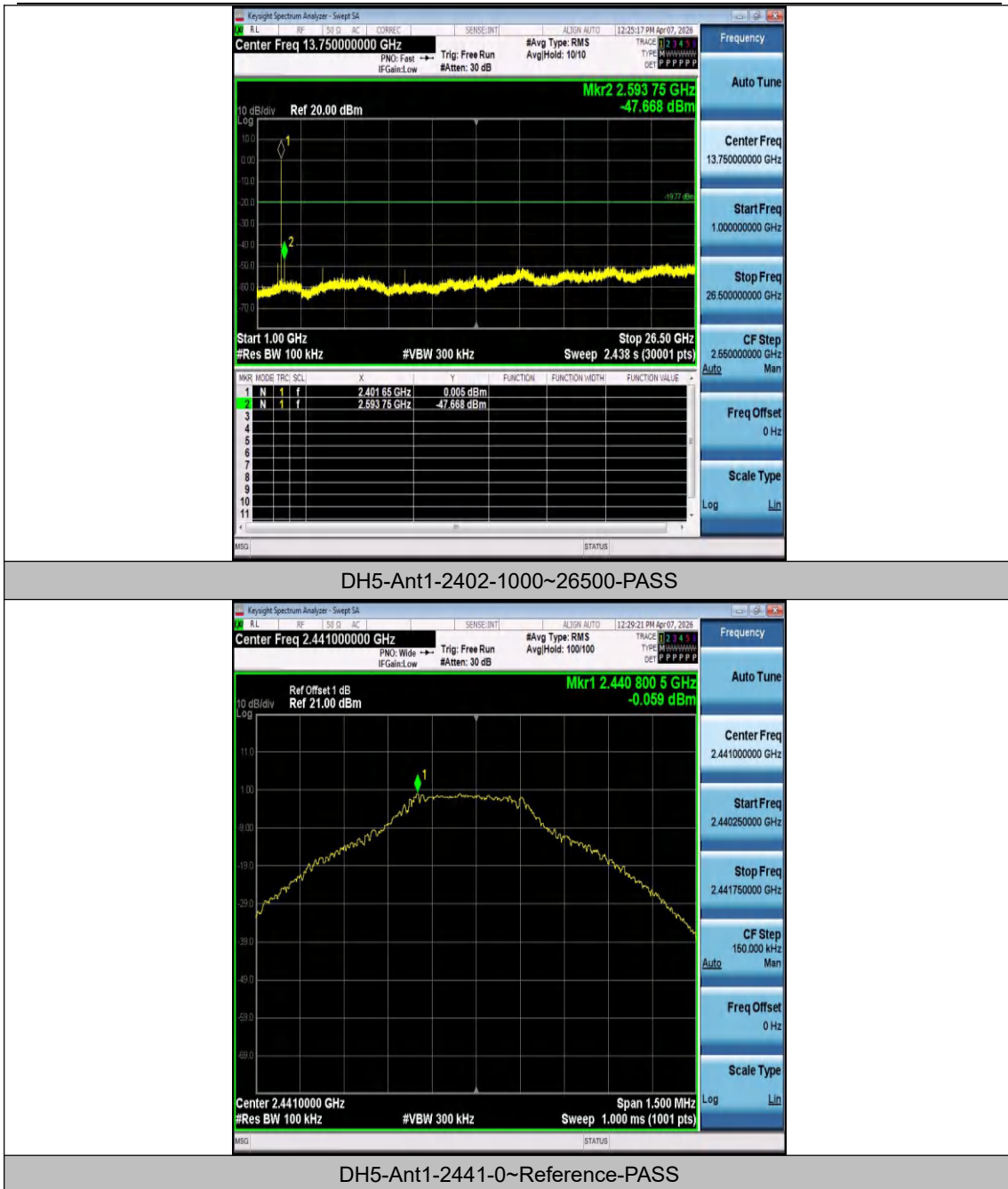
Test Graphs



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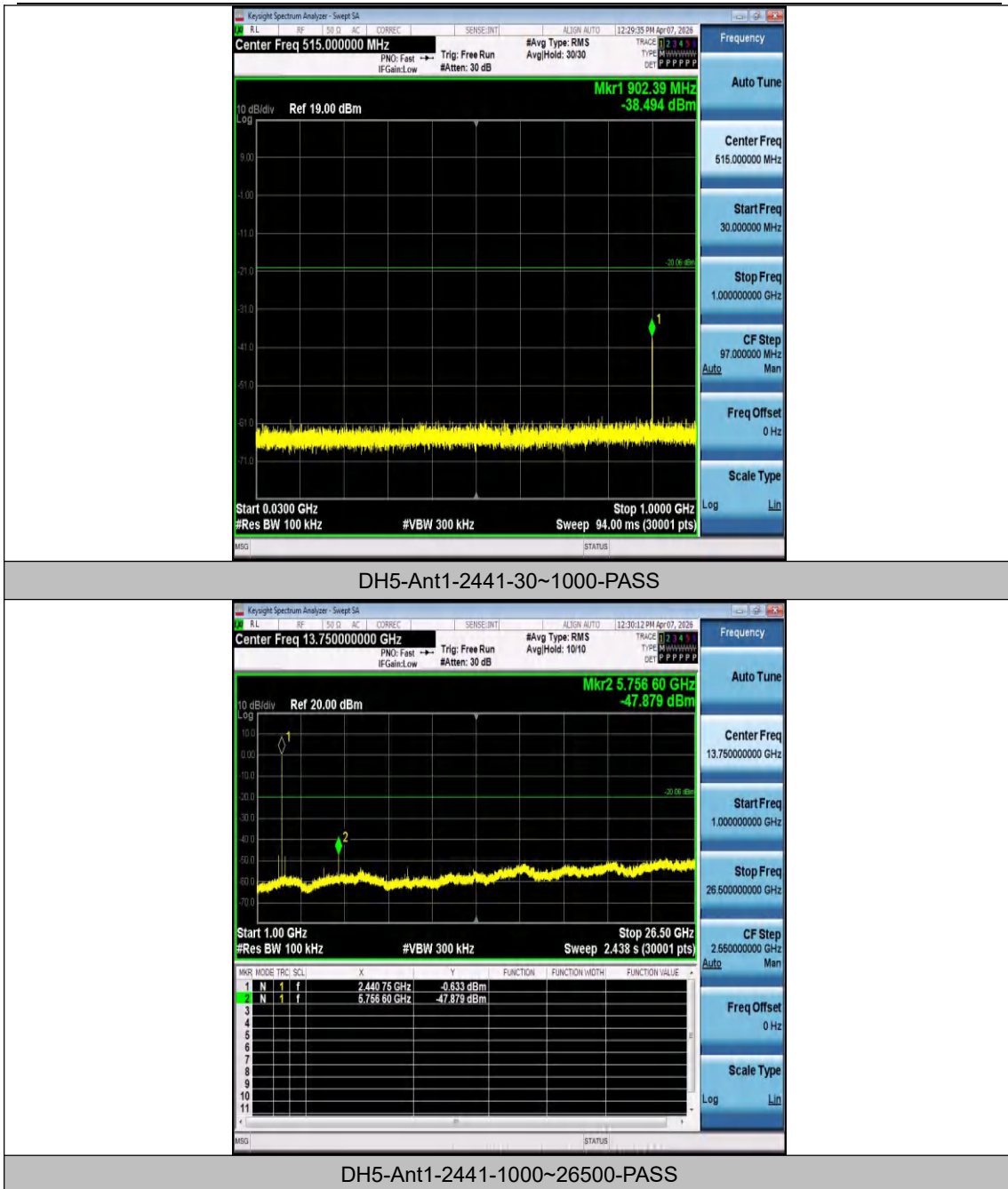
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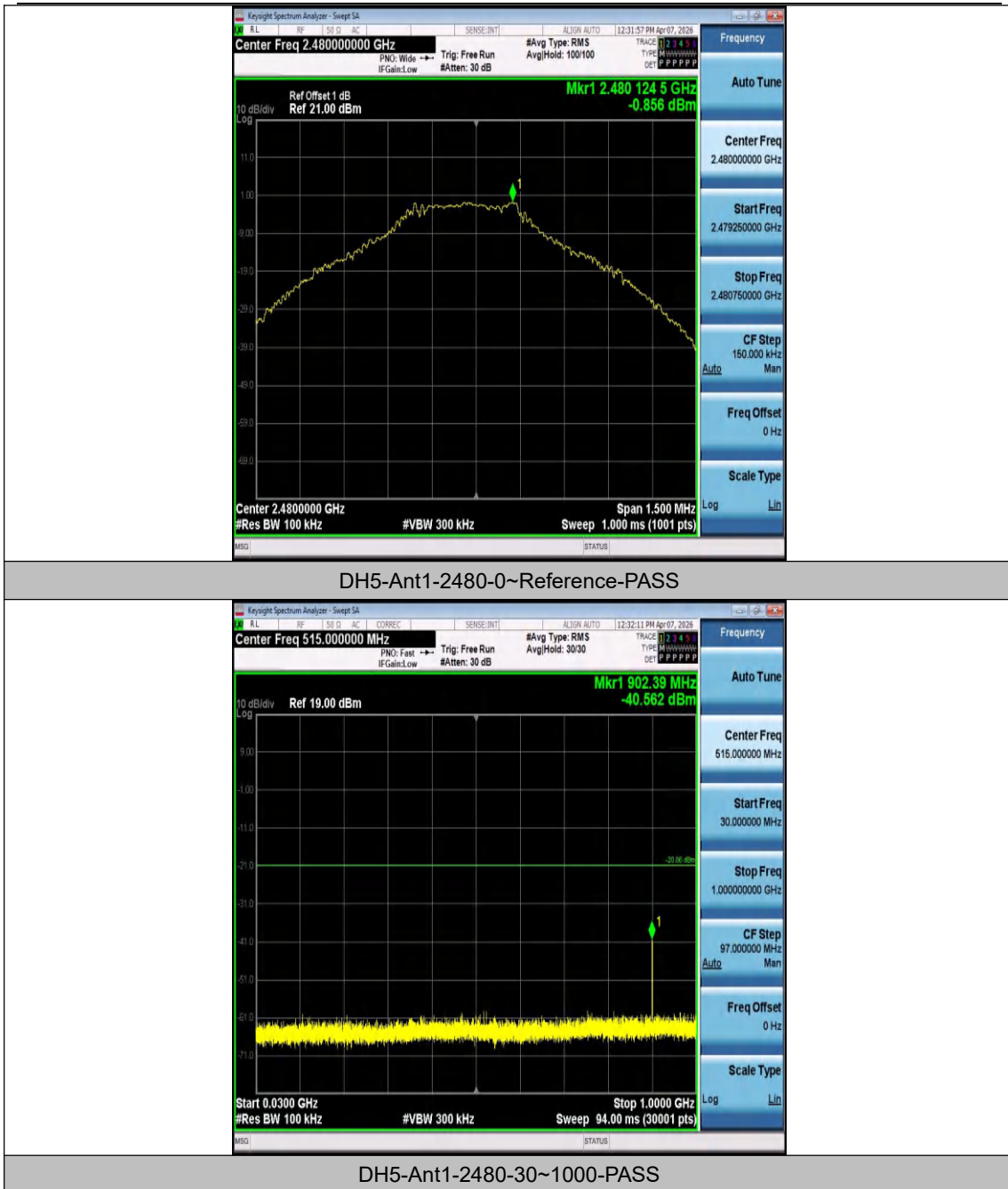
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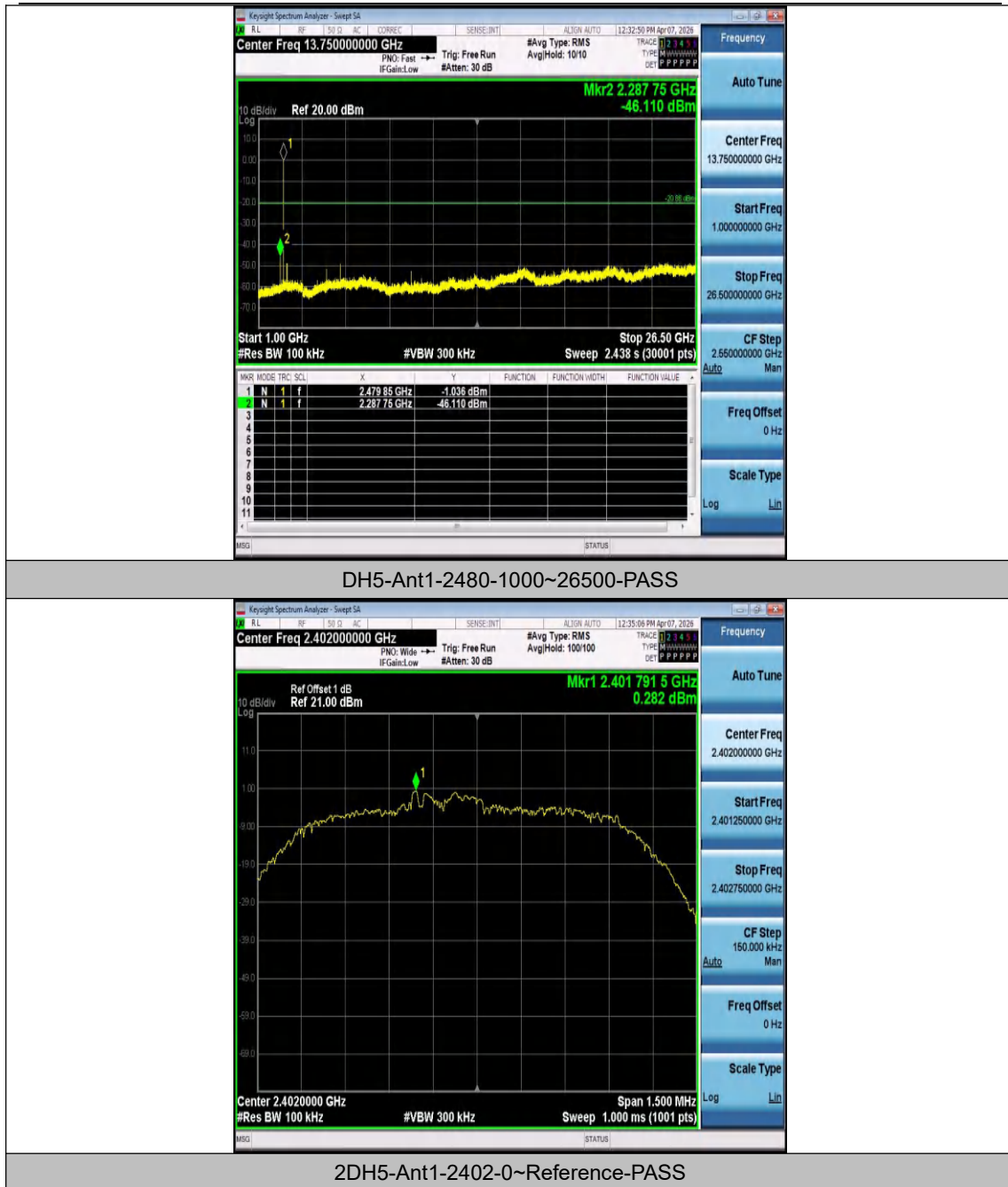
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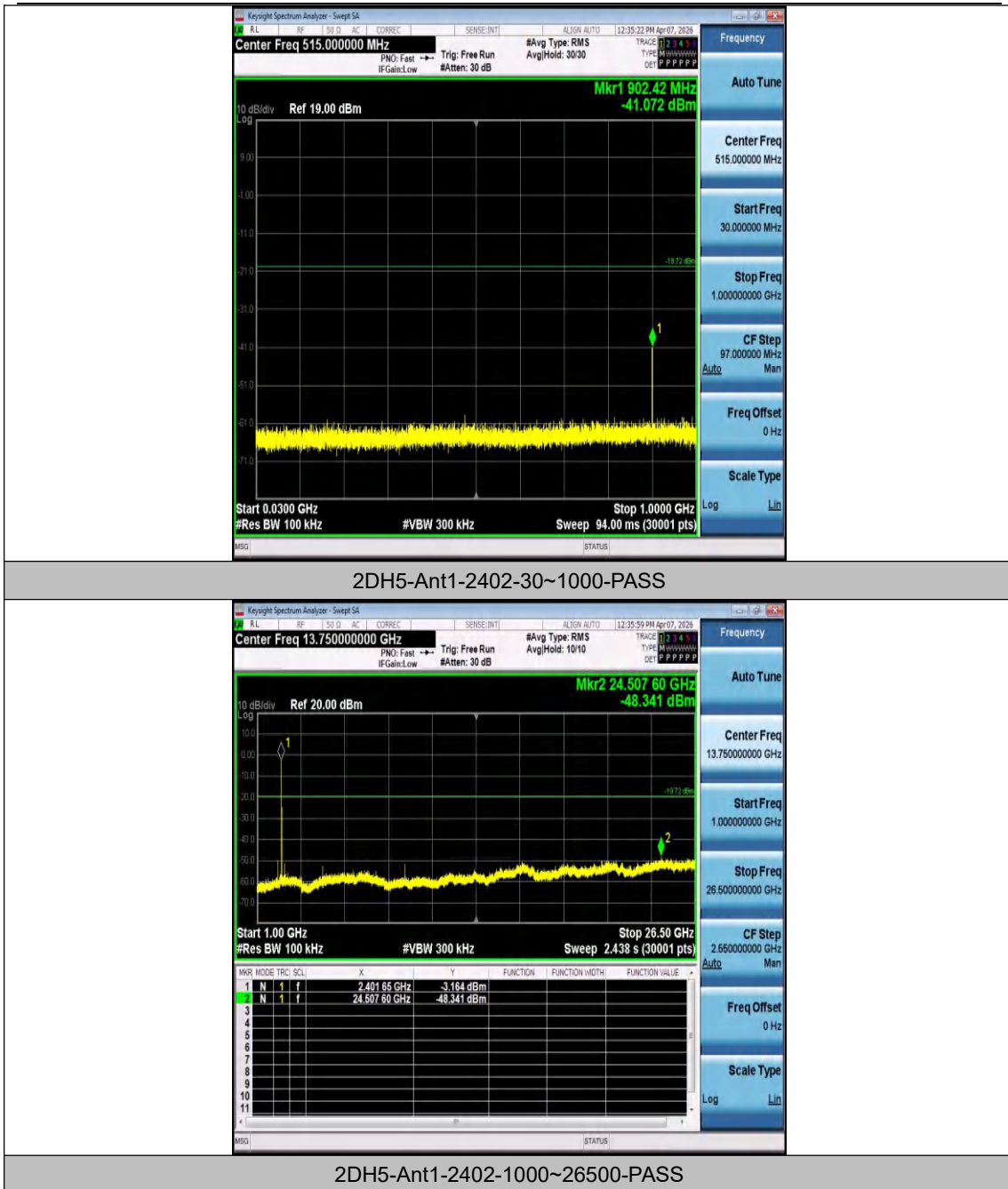
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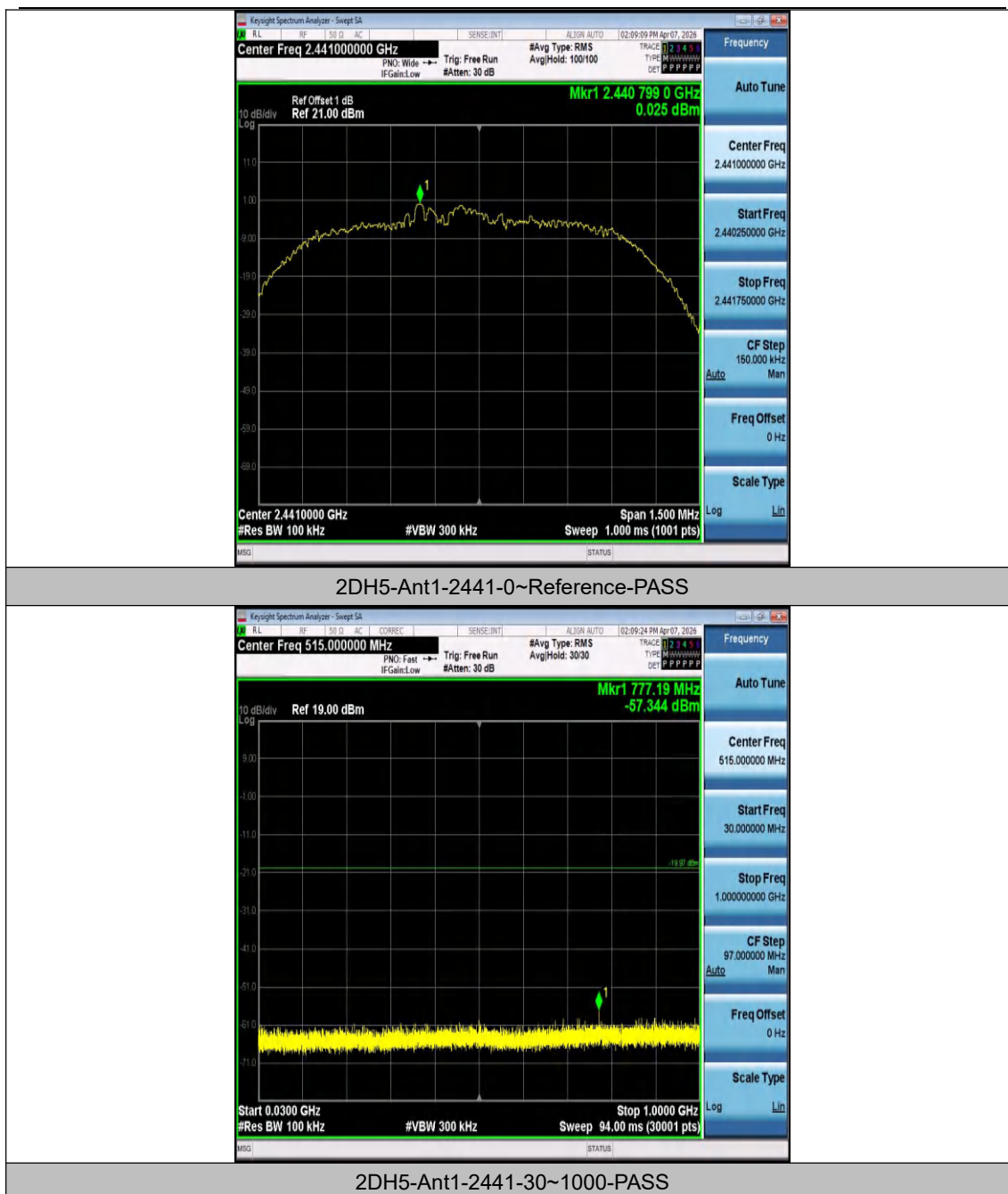
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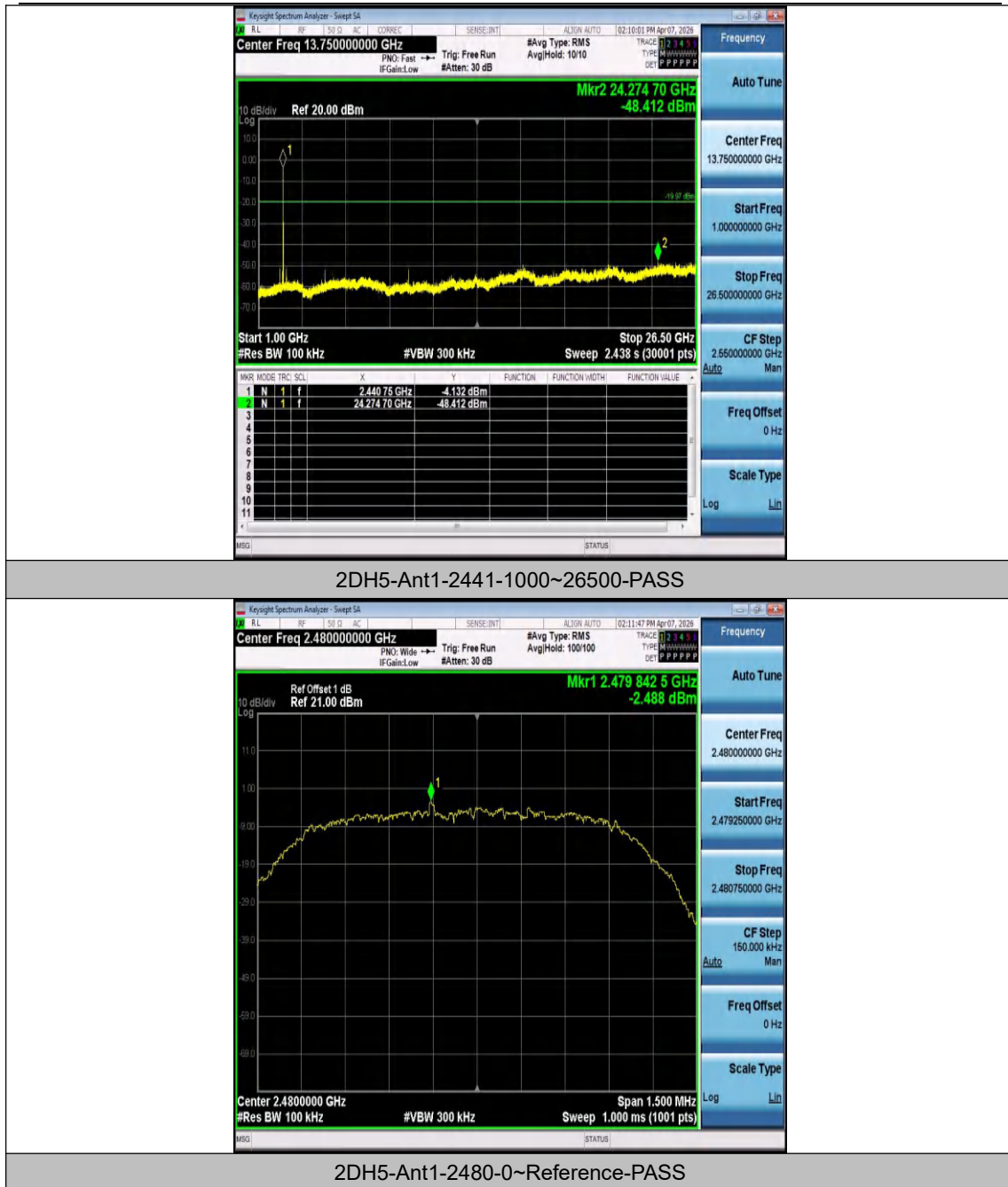
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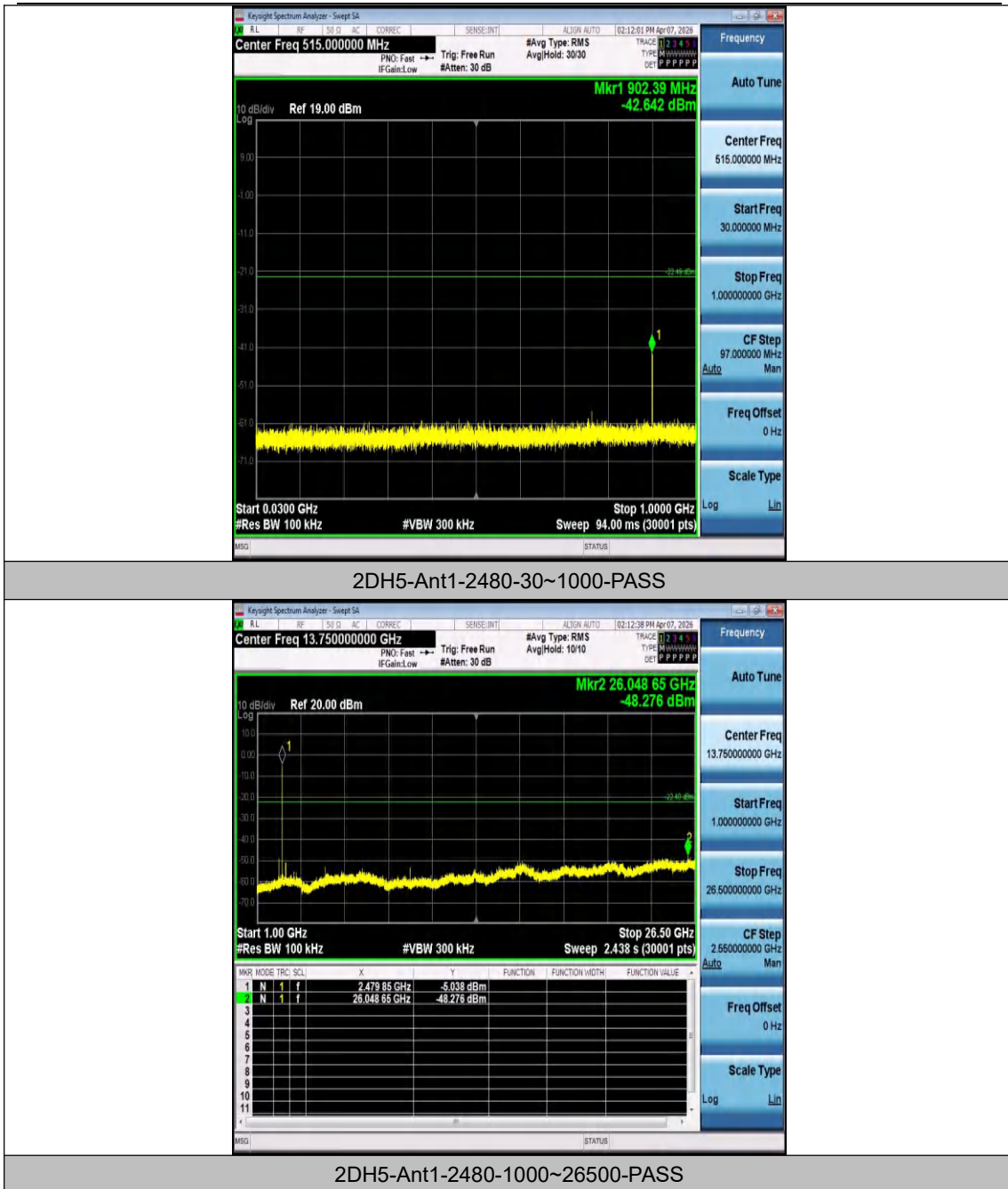
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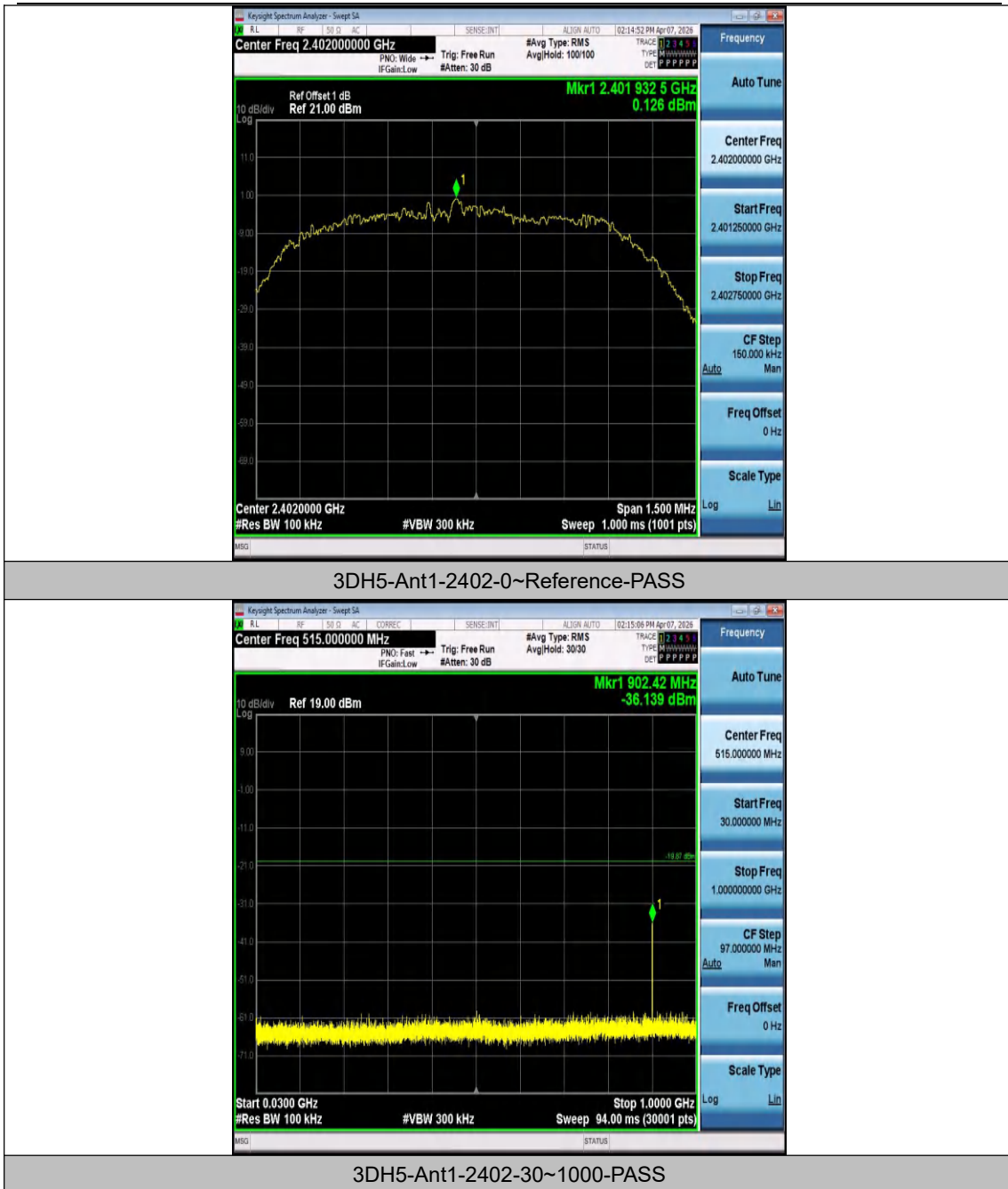
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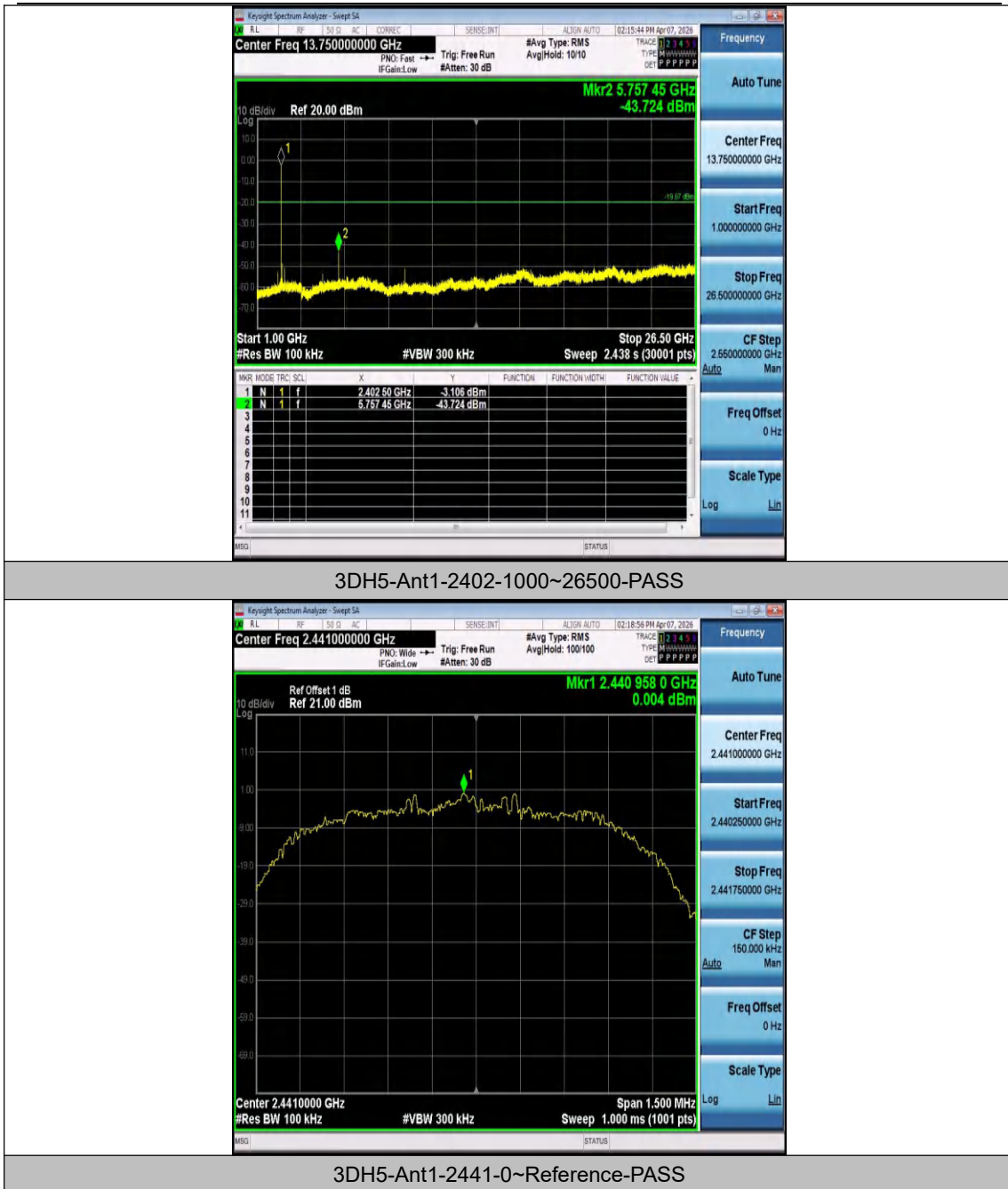
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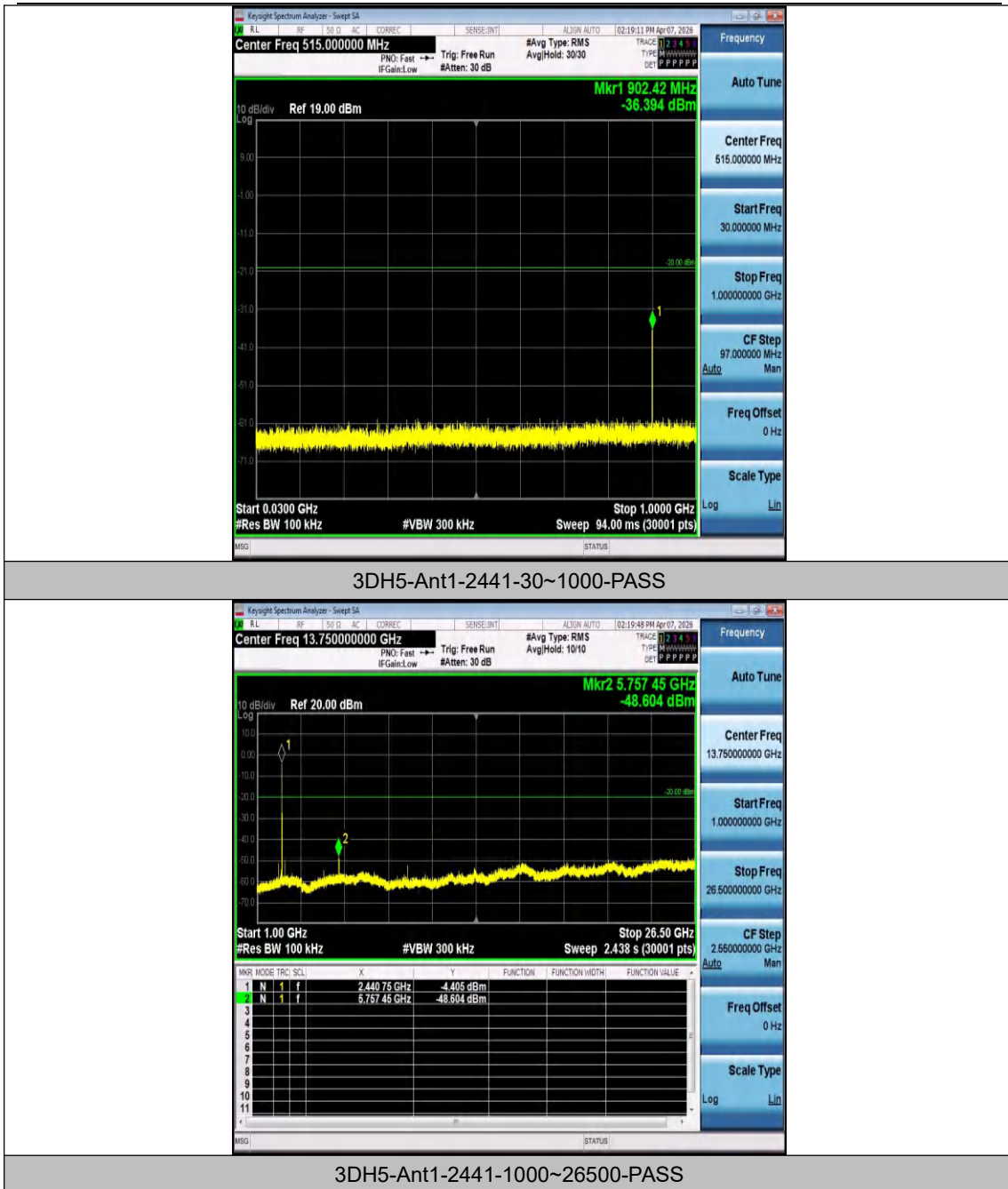
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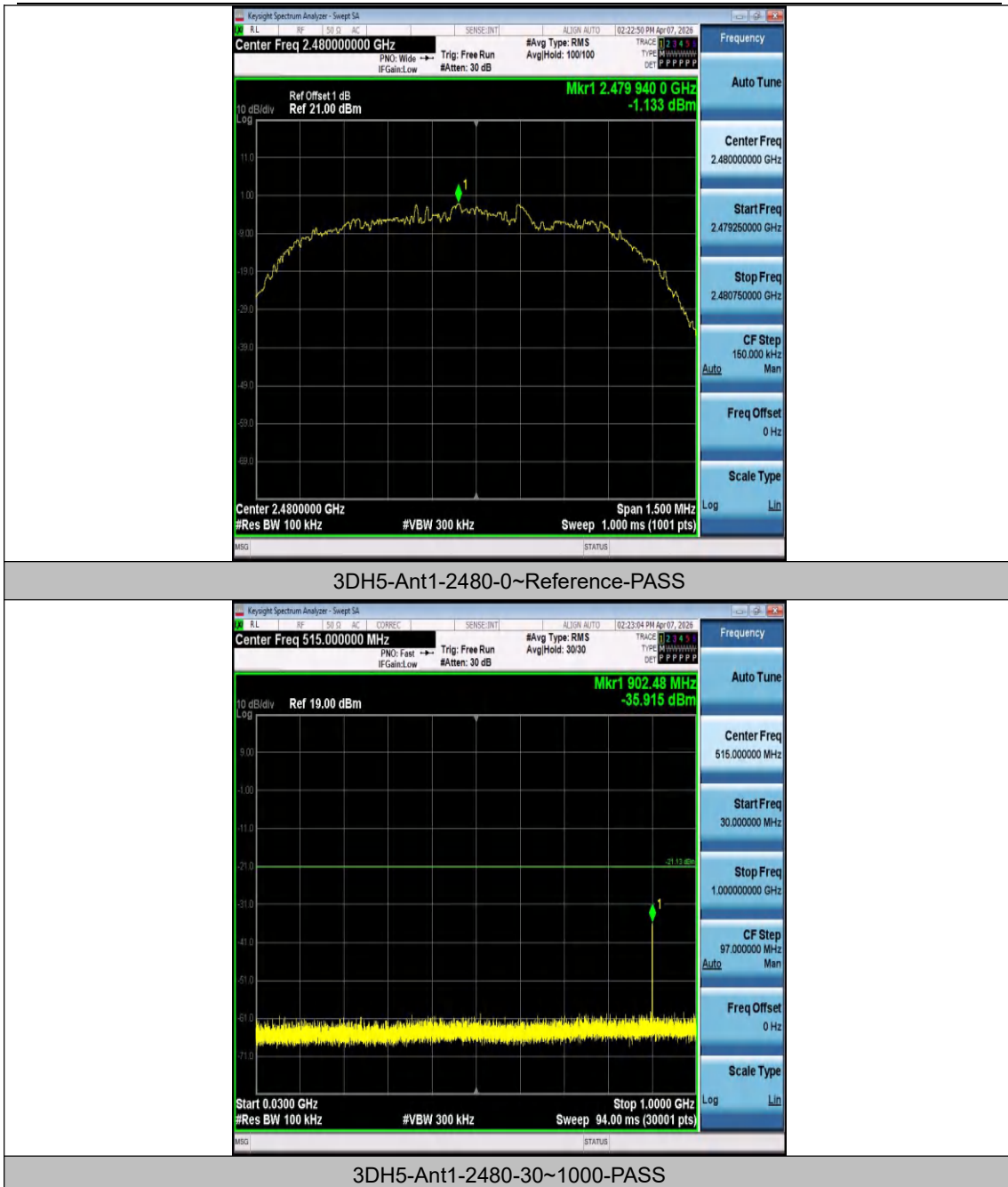
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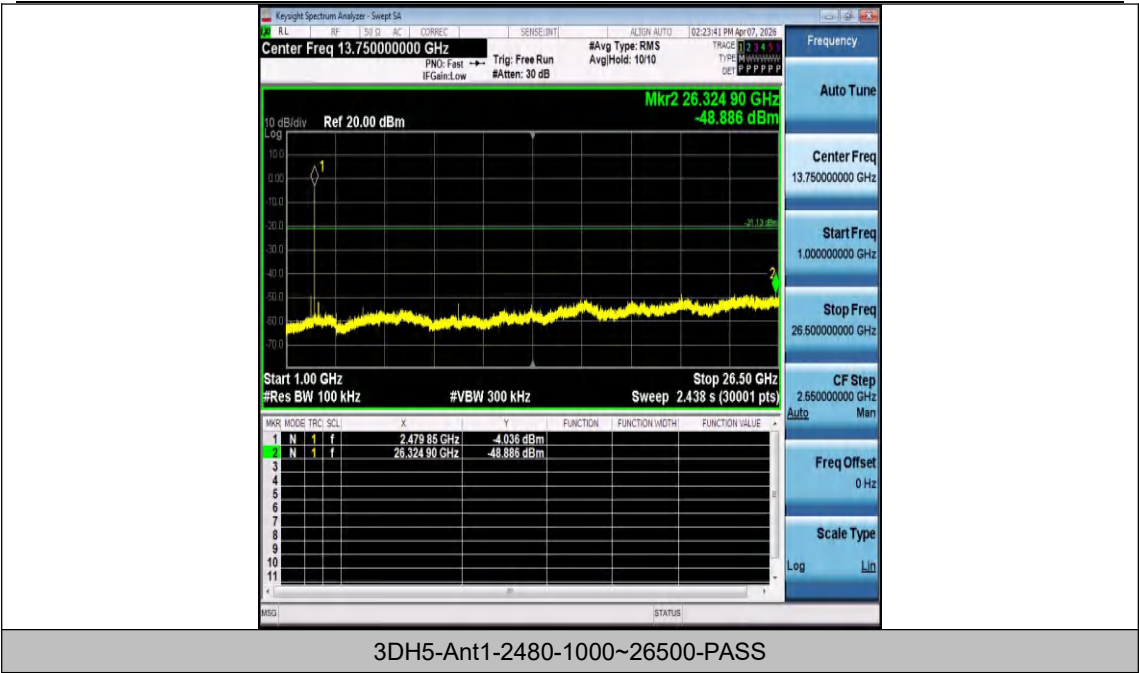
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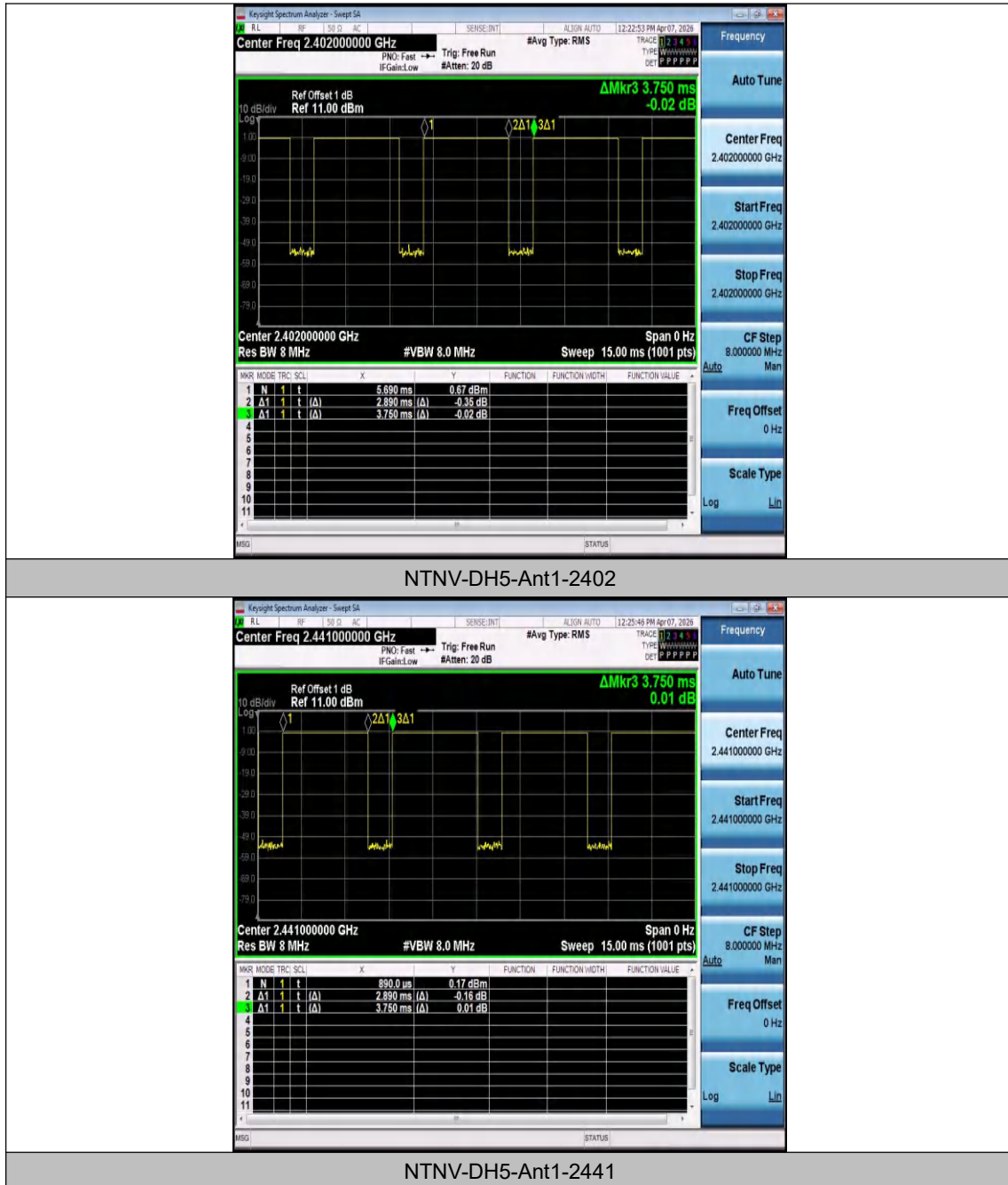
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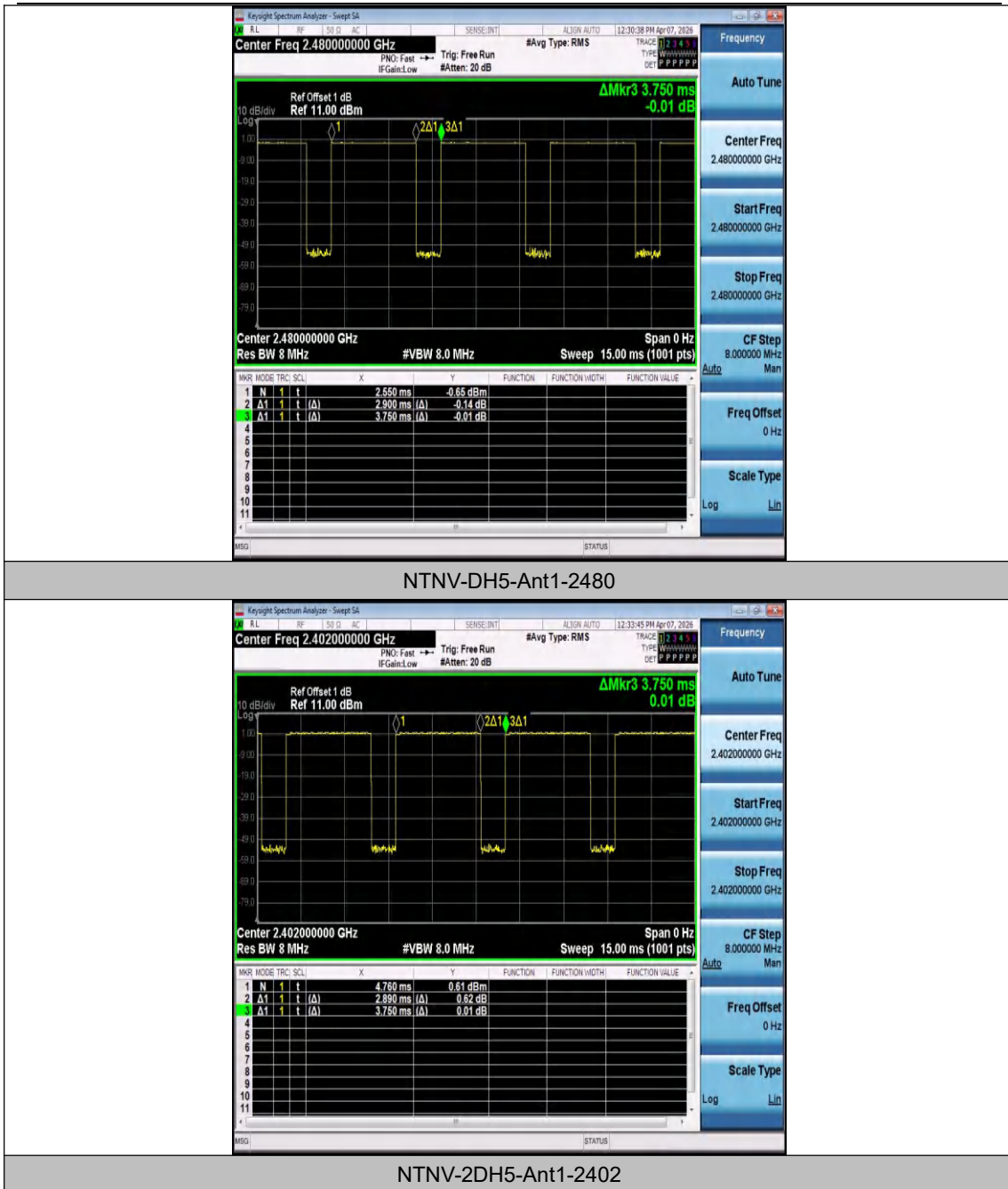
Appendix I: Duty Cycle

Test Result

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

Test Graphs

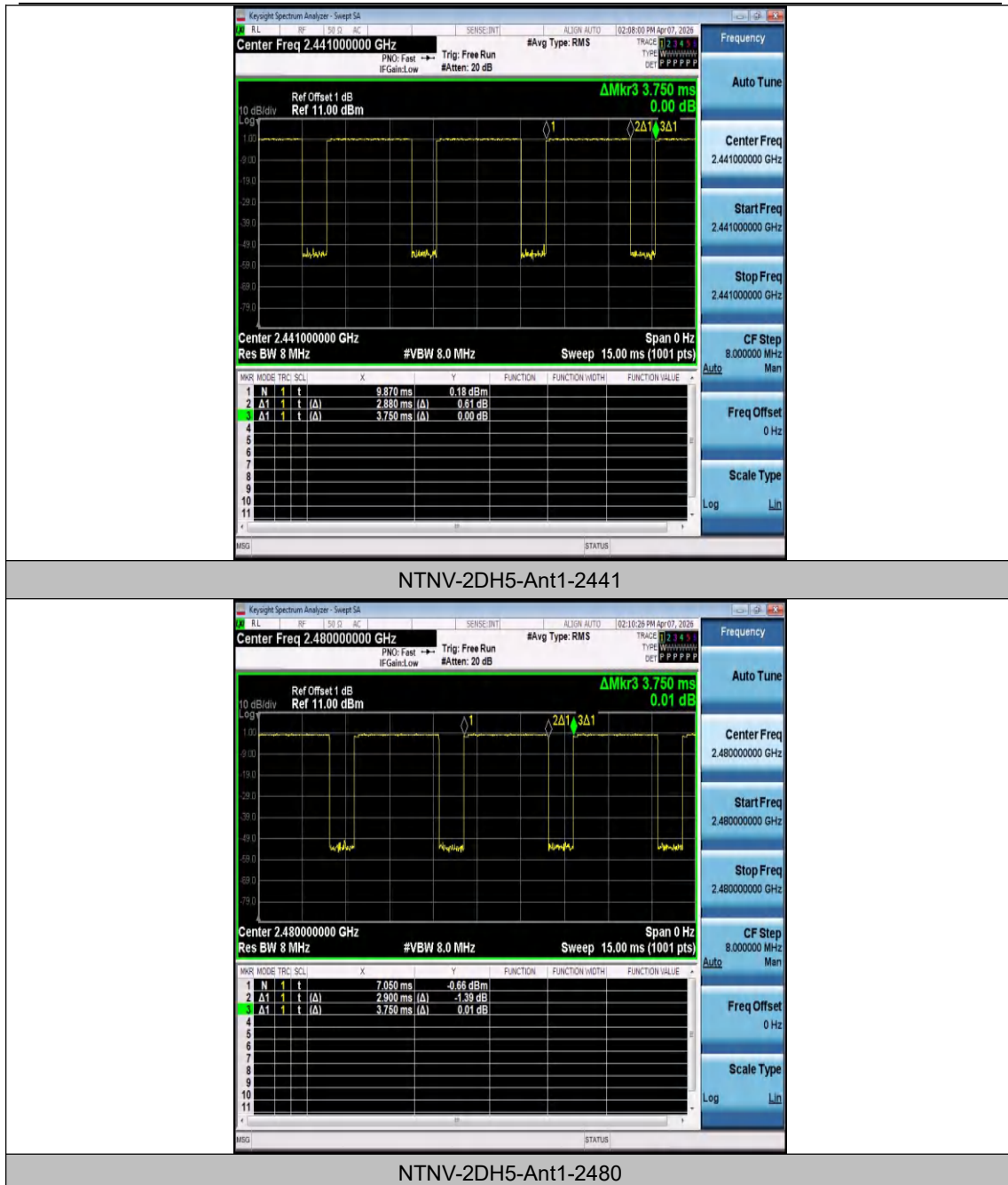


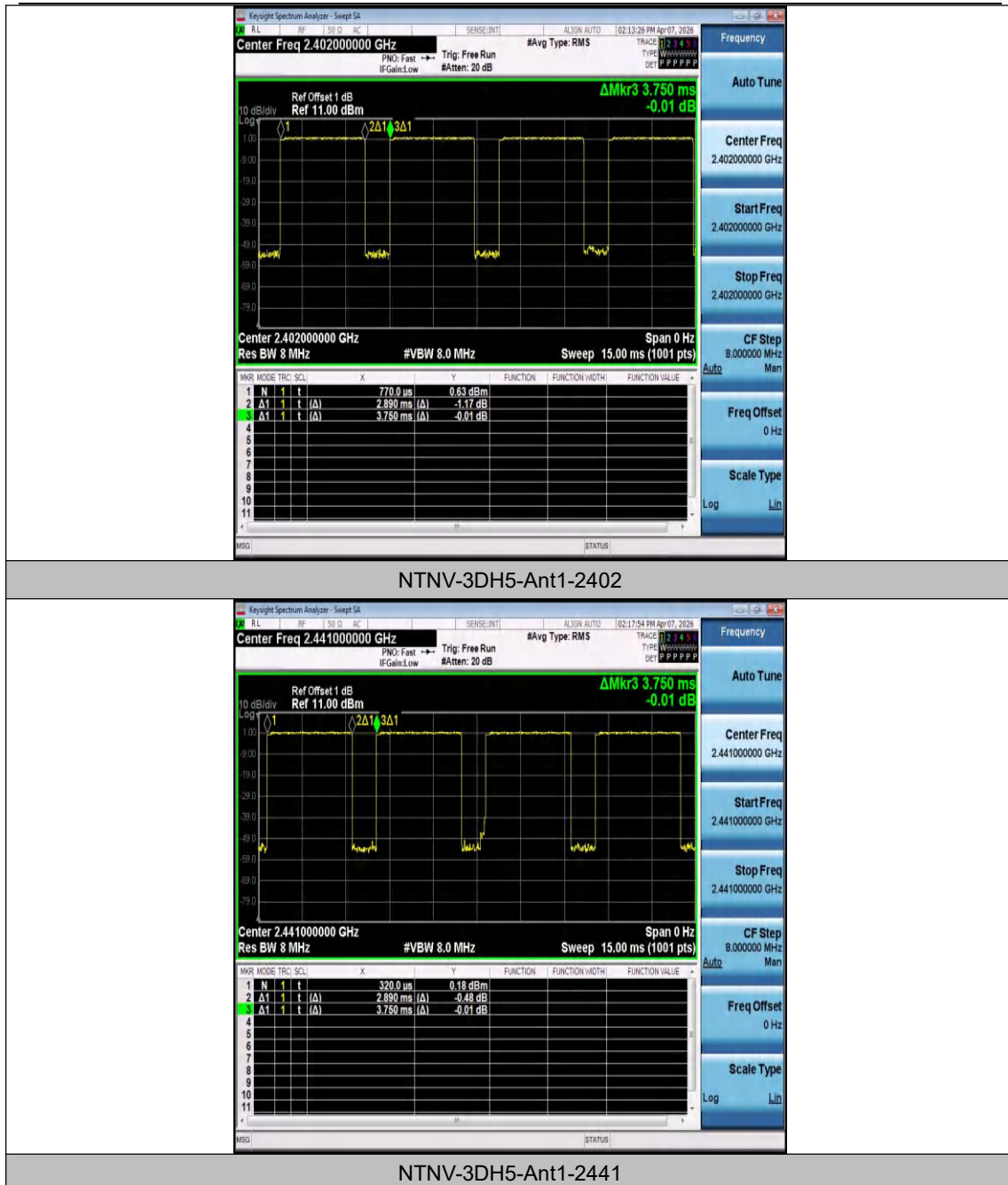


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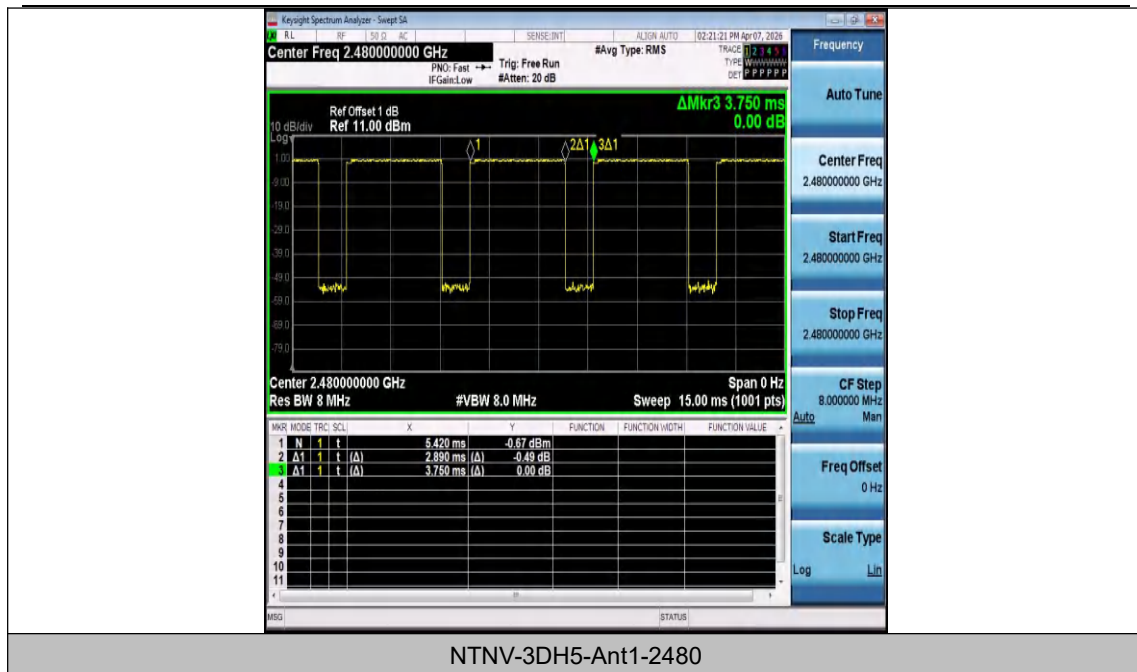




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---End---