

Appendix Test Data

Report No.:	1819C60031712501-02	Test Sample No.:	1-2-2
Start Test Date:	2026-3-31	Finish Test Date:	2026-4-9
Test Engineer:	Huise Guan	Auditor:	Justin Feng
Temperature:	26°C	Relative Humidity:	45%
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	1.038	2401.445	2402.483	---	---
DH5	Ant1	2441	1.032	2440.448	2441.480	---	---
DH5	Ant1	2480	1.029	2479.448	2480.477	---	---
2DH5	Ant1	2402	1.212	2401.376	2402.588	---	---
2DH5	Ant1	2441	1.260	2440.355	2441.615	---	---
2DH5	Ant1	2480	1.269	2479.361	2480.630	---	---
3DH5	Ant1	2402	1.251	2401.355	2402.606	---	---
3DH5	Ant1	2441	1.293	2440.340	2441.633	---	---
3DH5	Ant1	2480	1.275	2479.346	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	0.91506	2401.5295	2402.4446	---	---
DH5	Ant1	2441	0.91140	2440.5333	2441.4447	---	---
DH5	Ant1	2480	0.92170	2479.5274	2480.4491	---	---
2DH5	Ant1	2402	1.1582	2401.4036	2402.5618	---	---
2DH5	Ant1	2441	1.1514	2440.4060	2441.5574	---	---
2DH5	Ant1	2480	1.1854	2479.3890	2480.5744	---	---
3DH5	Ant1	2402	1.1521	2401.4089	2402.5610	---	---
3DH5	Ant1	2441	1.1547	2440.4108	2441.5655	---	---
3DH5	Ant1	2480	1.1786	2479.3962	2480.5748	---	---

Test Graphs



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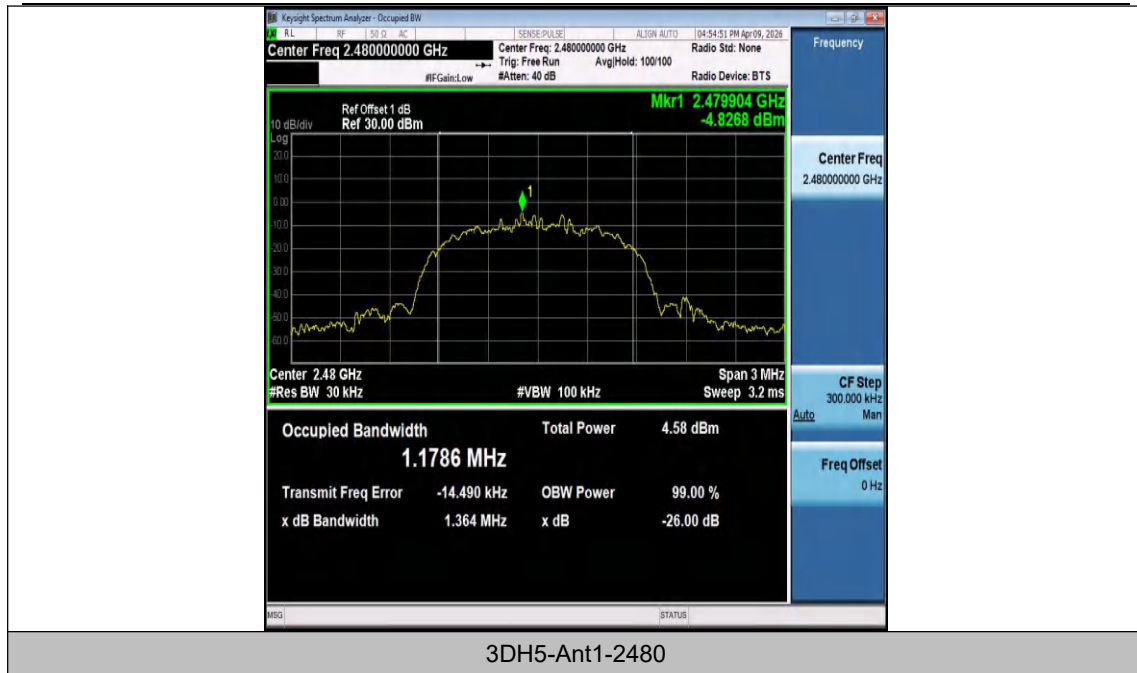
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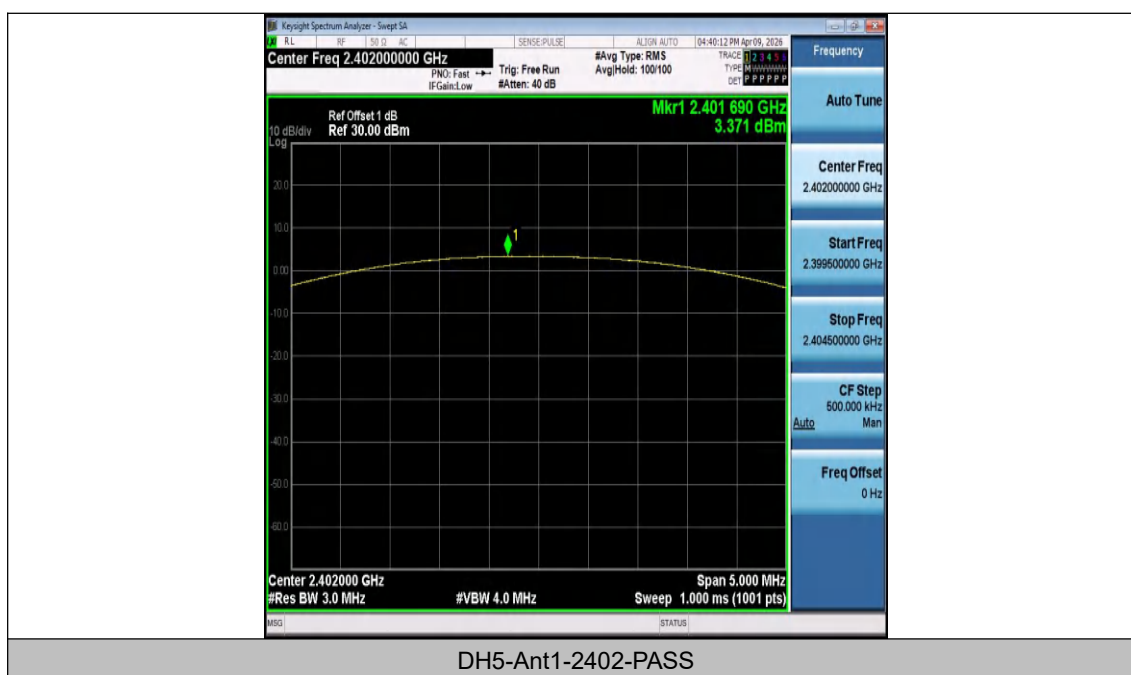
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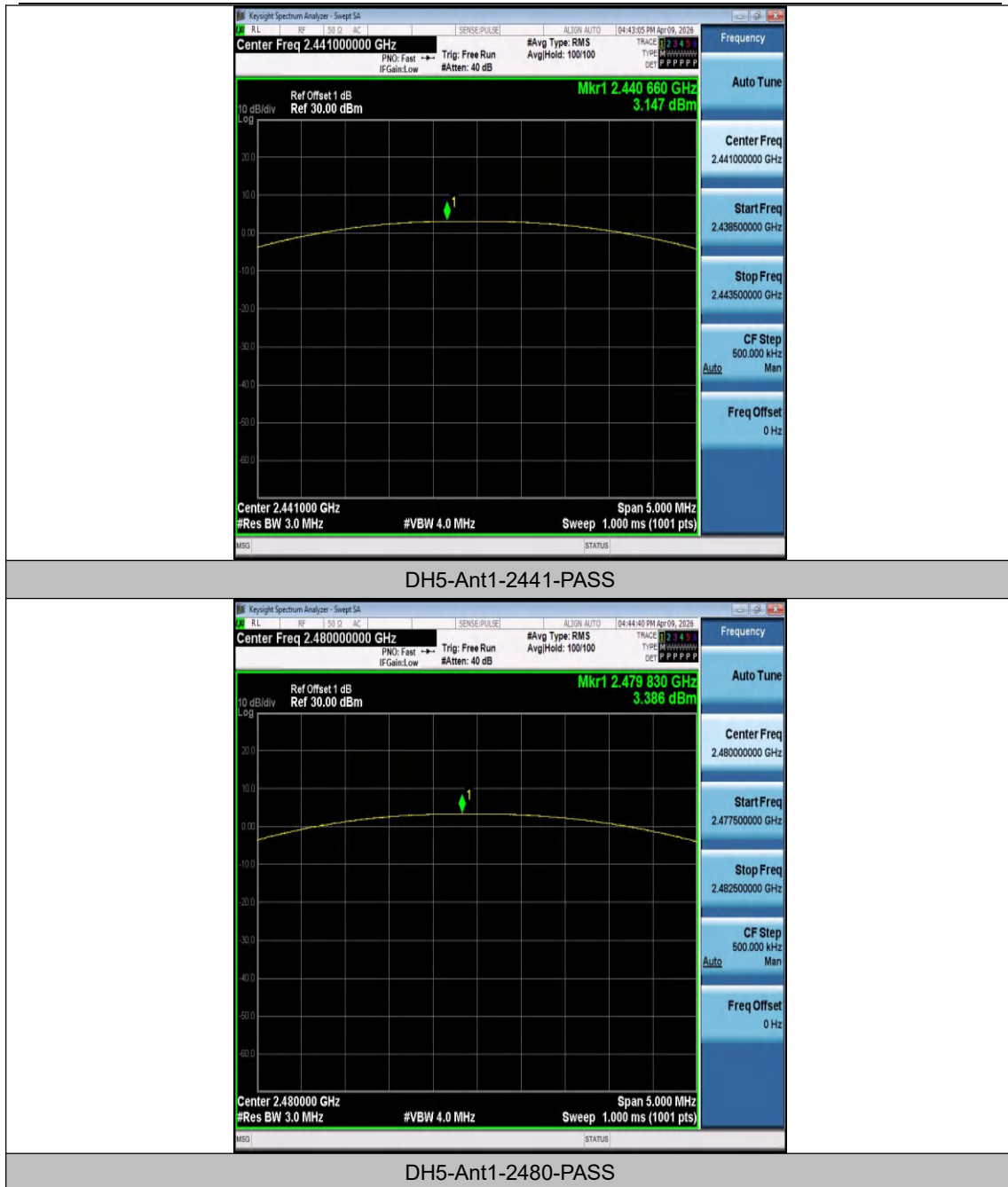
Appendix C: Maximum Conducted Output Power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	3.37	≤20.97	PASS
DH5	Ant1	2441	3.15	≤20.97	PASS
DH5	Ant1	2480	3.39	≤20.97	PASS
2DH5	Ant1	2402	0.46	≤20.97	PASS
2DH5	Ant1	2441	0.29	≤20.97	PASS
2DH5	Ant1	2480	0.43	≤20.97	PASS
3DH5	Ant1	2402	0.42	≤20.97	PASS
3DH5	Ant1	2441	0.27	≤20.97	PASS
3DH5	Ant1	2480	0.43	≤20.97	PASS

Test Graphs

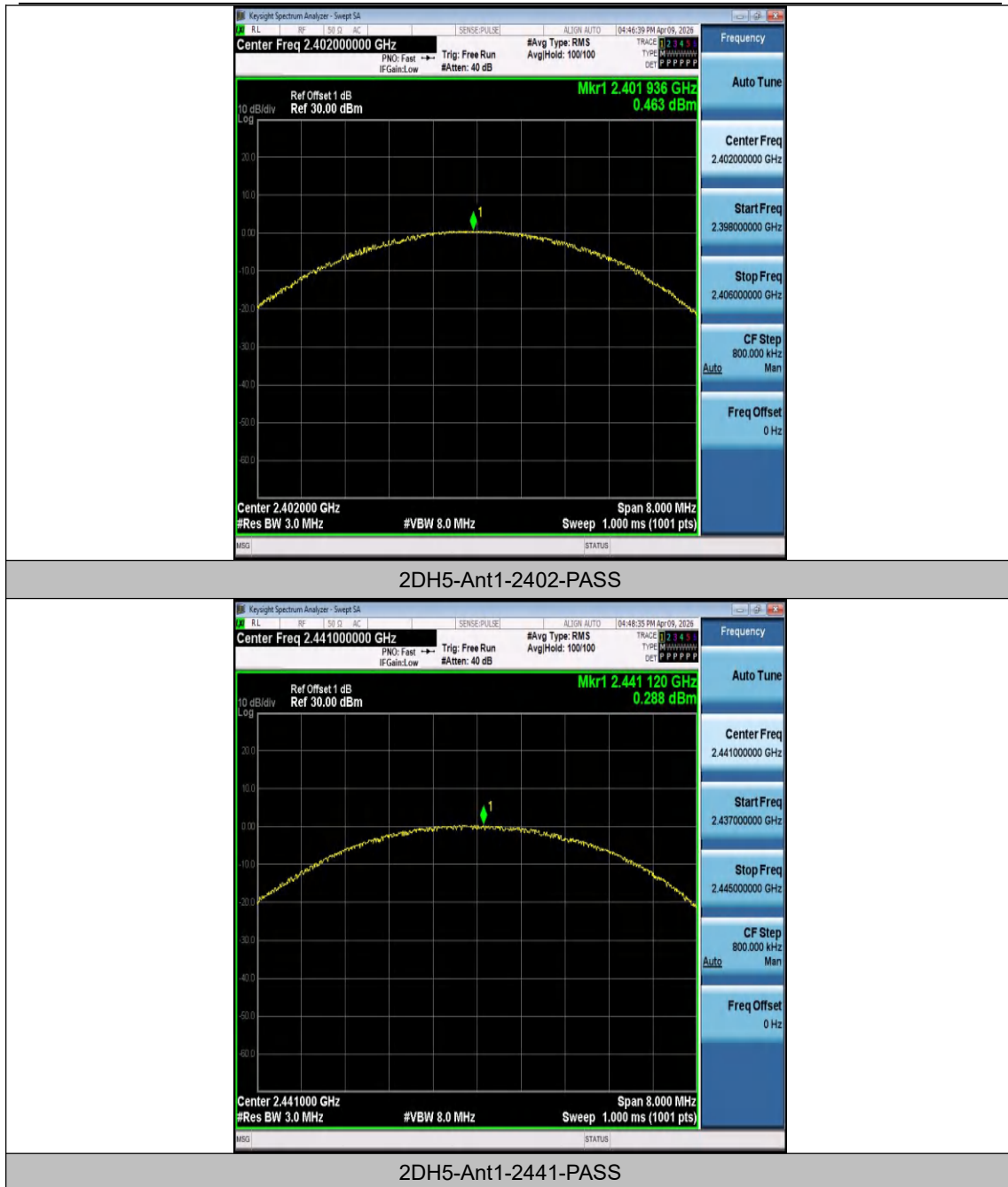




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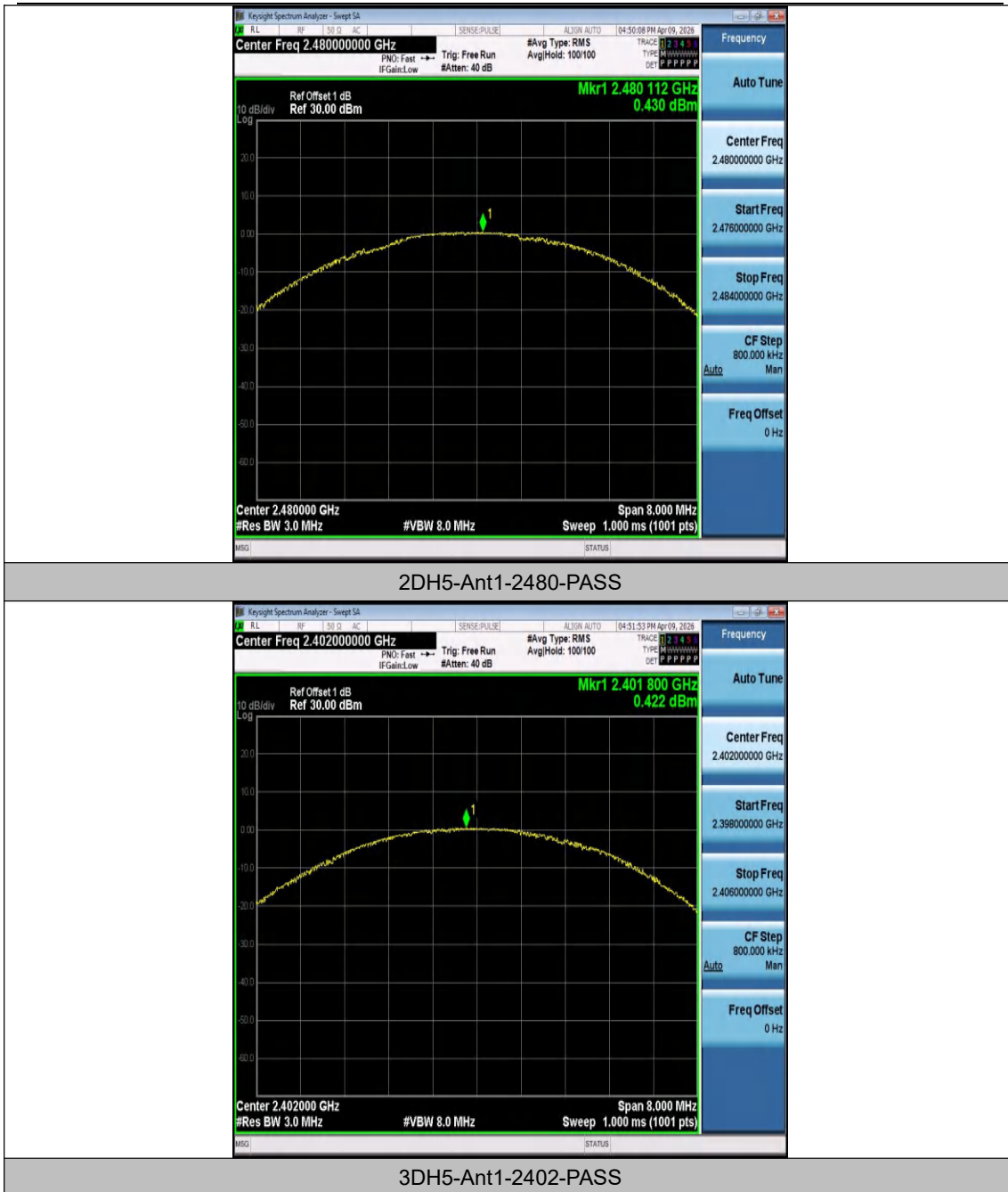
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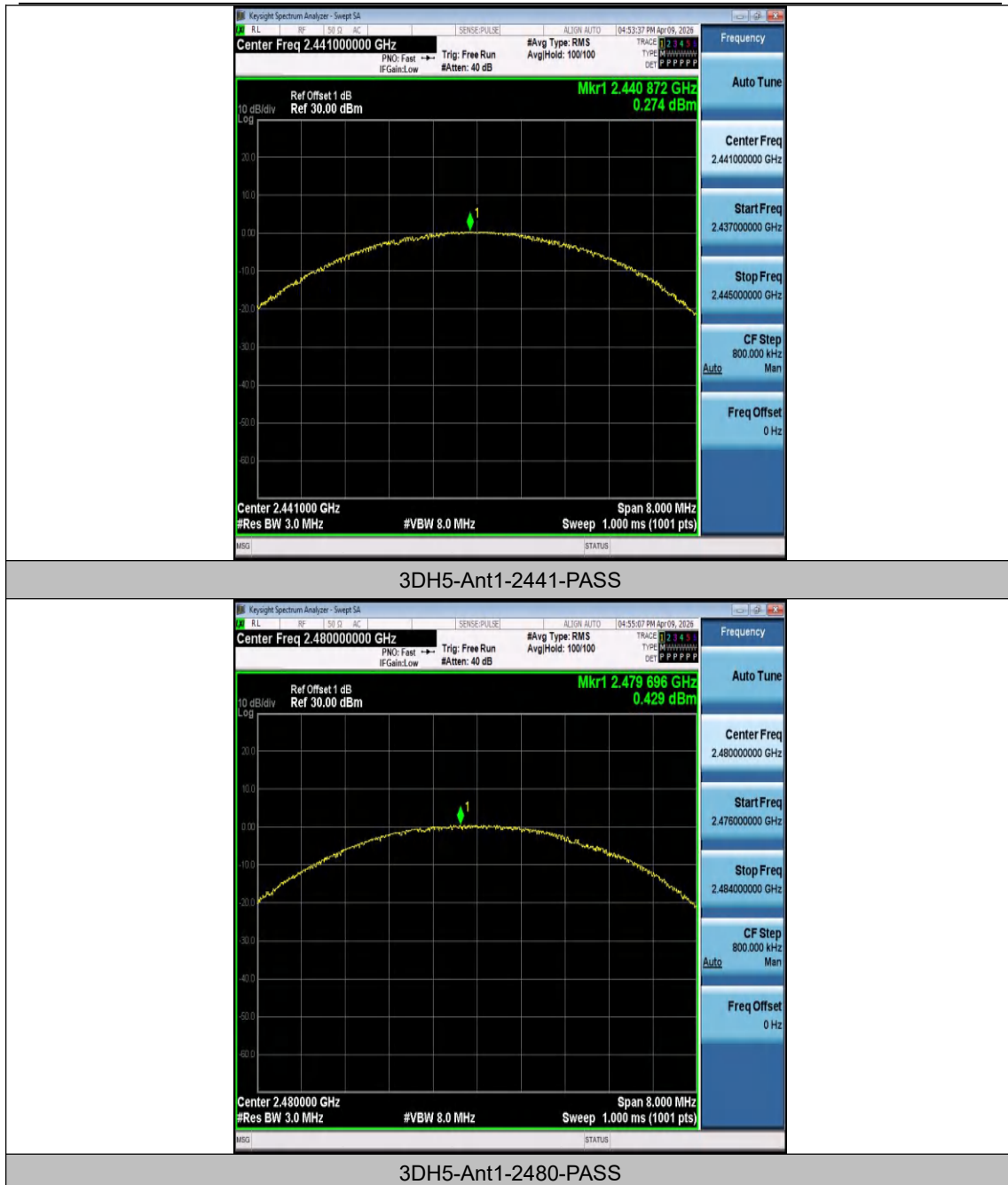
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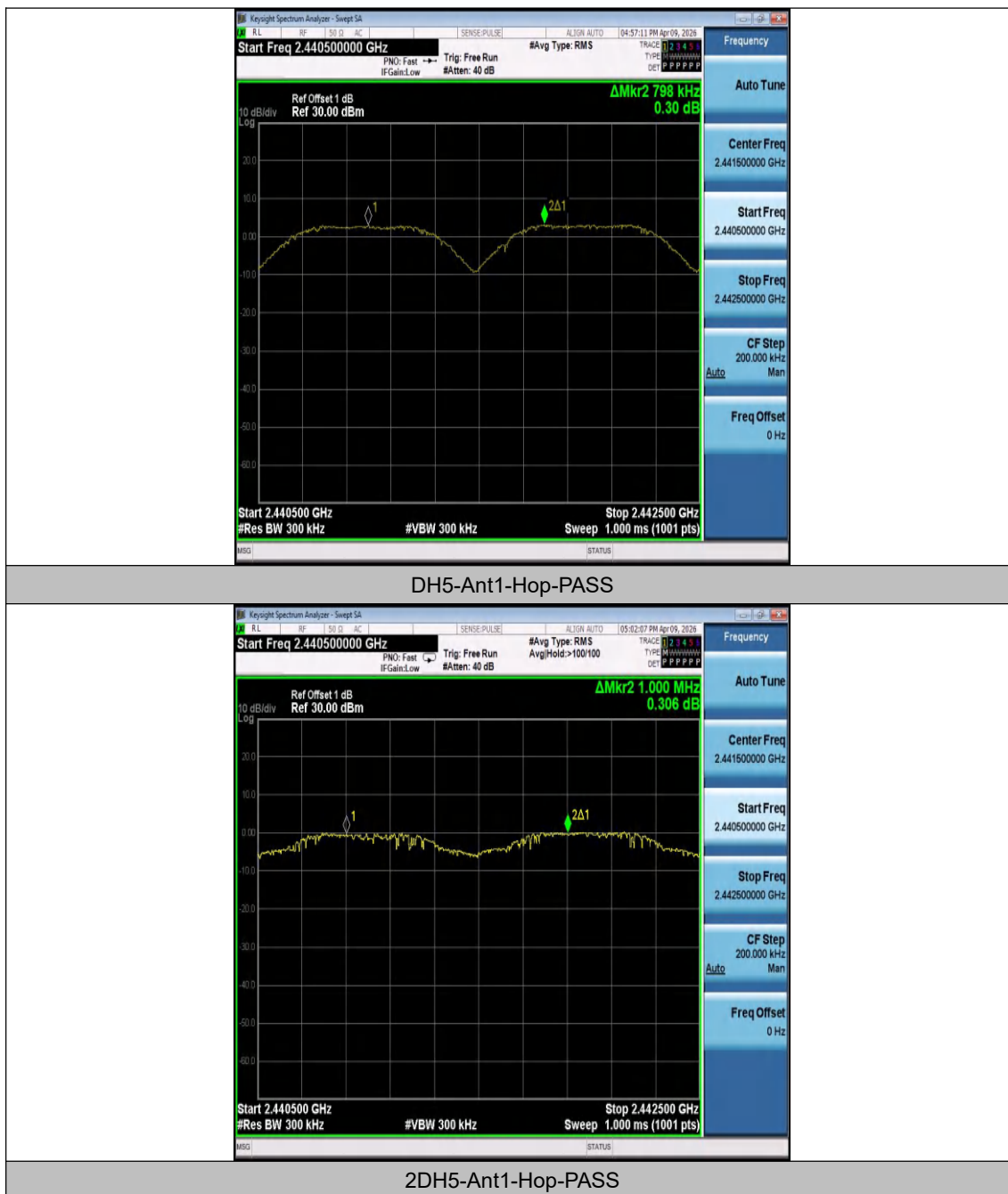
Appendix D: Carrier frequency separation

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	0.798	≥ 0.692	PASS
2DH5	Ant1	Hop	1.000	≥ 0.864	PASS
3DH5	Ant1	Hop	1.010	≥ 0.862	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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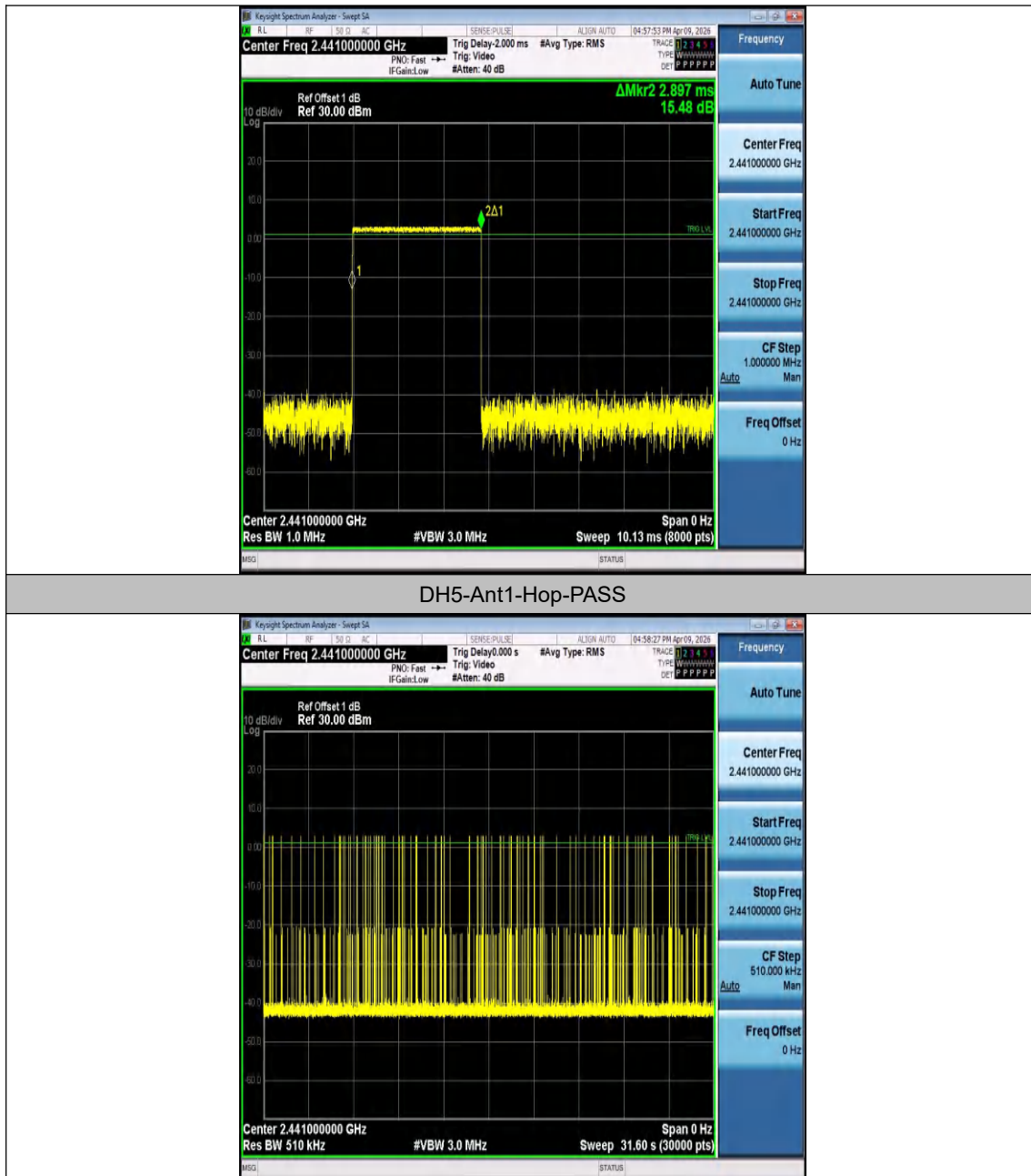
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Appendix E: Dwell Time

Test Result

Test Mode	Antenna	Frequency [MHz]	Burst Width [ms]	Total Hops [Num]	Result [s]	Limit [s]	Verdict
DH5	Ant1	Hop	2.897	103	0.298	≤0.4	PASS
2DH5	Ant1	Hop	2.904	109	0.317	≤0.4	PASS
3DH5	Ant1	Hop	2.906	107	0.311	≤0.4	PASS

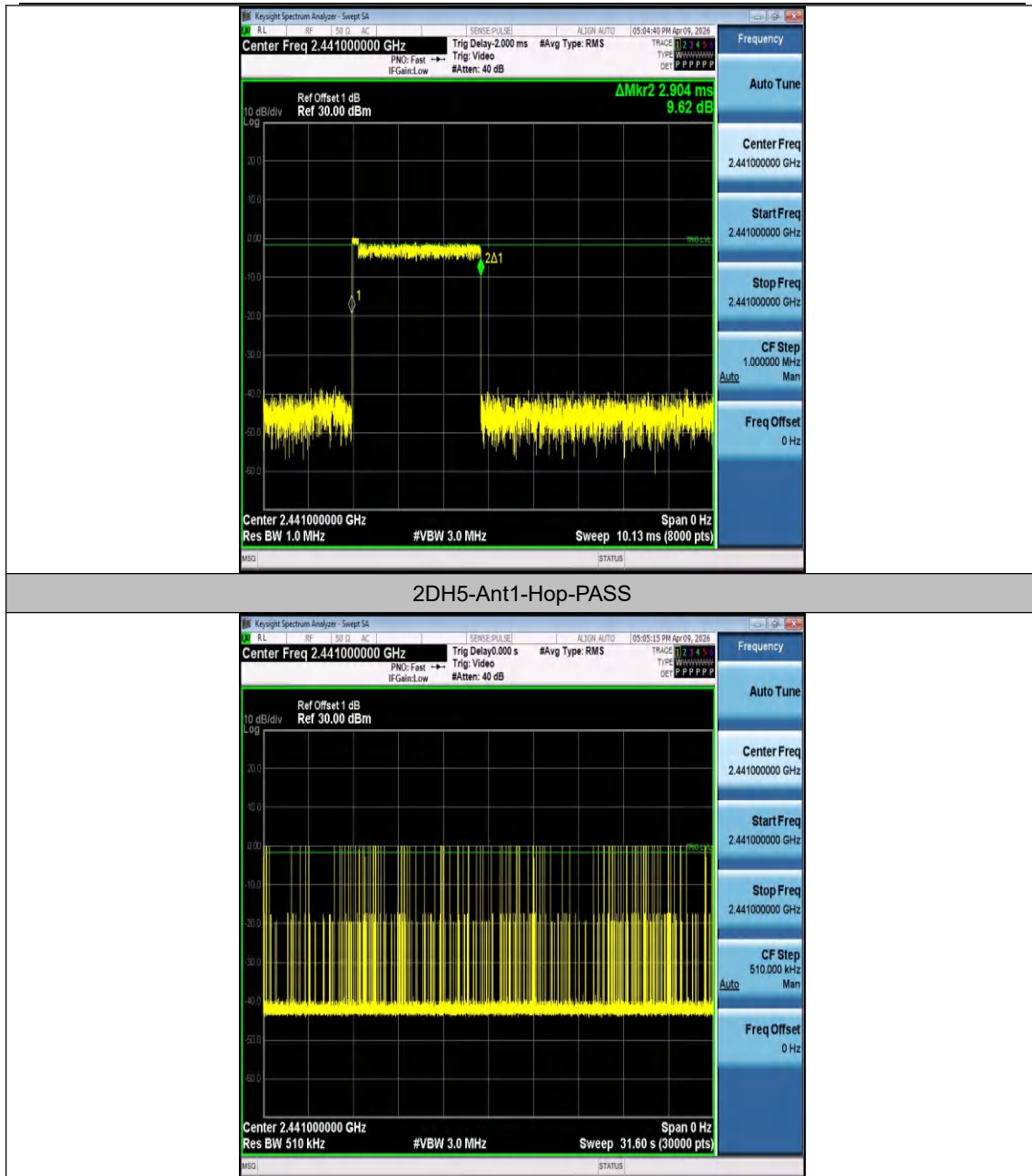
Test Graphs



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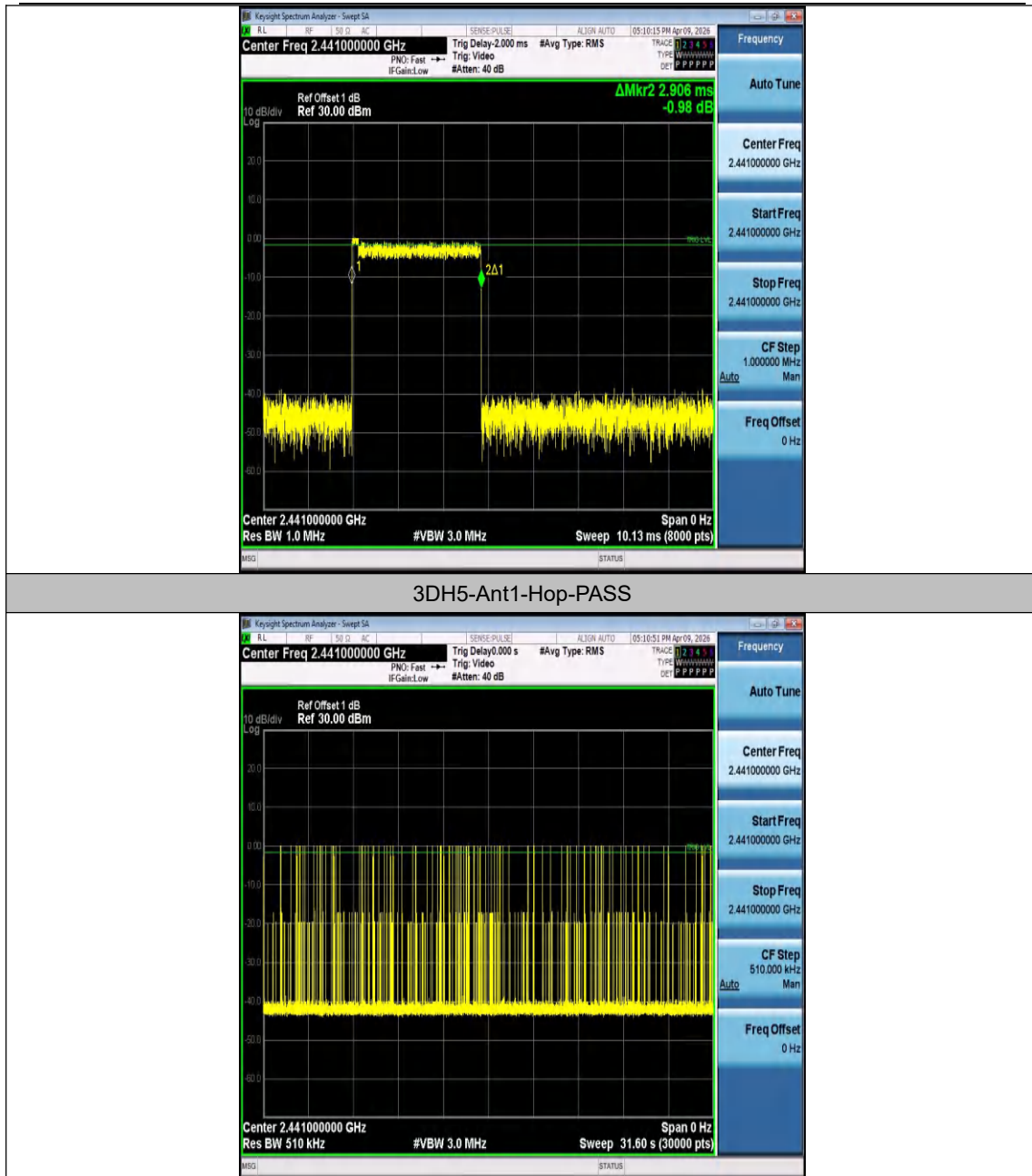
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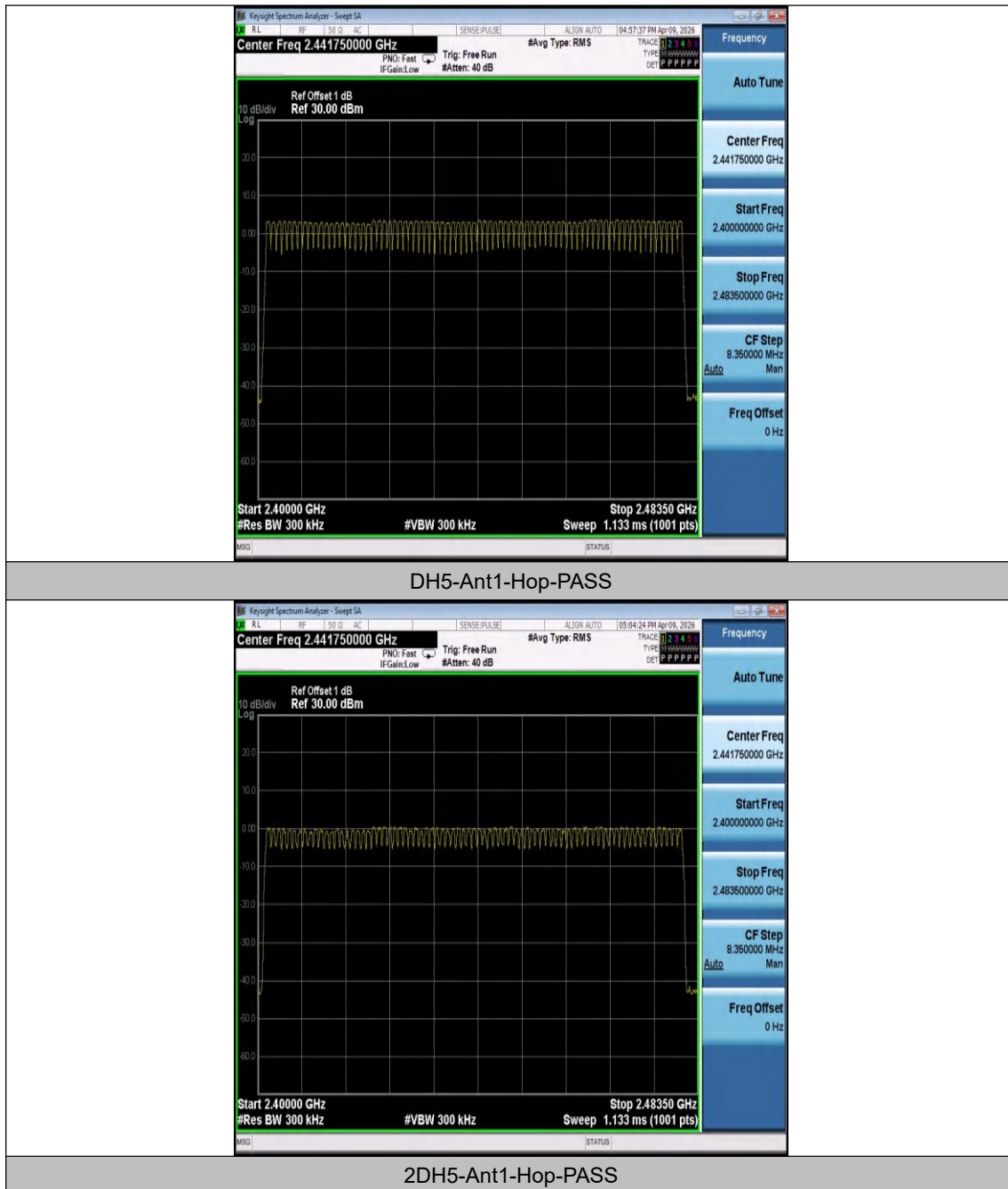
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Appendix F: Number of Hopping Channel

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

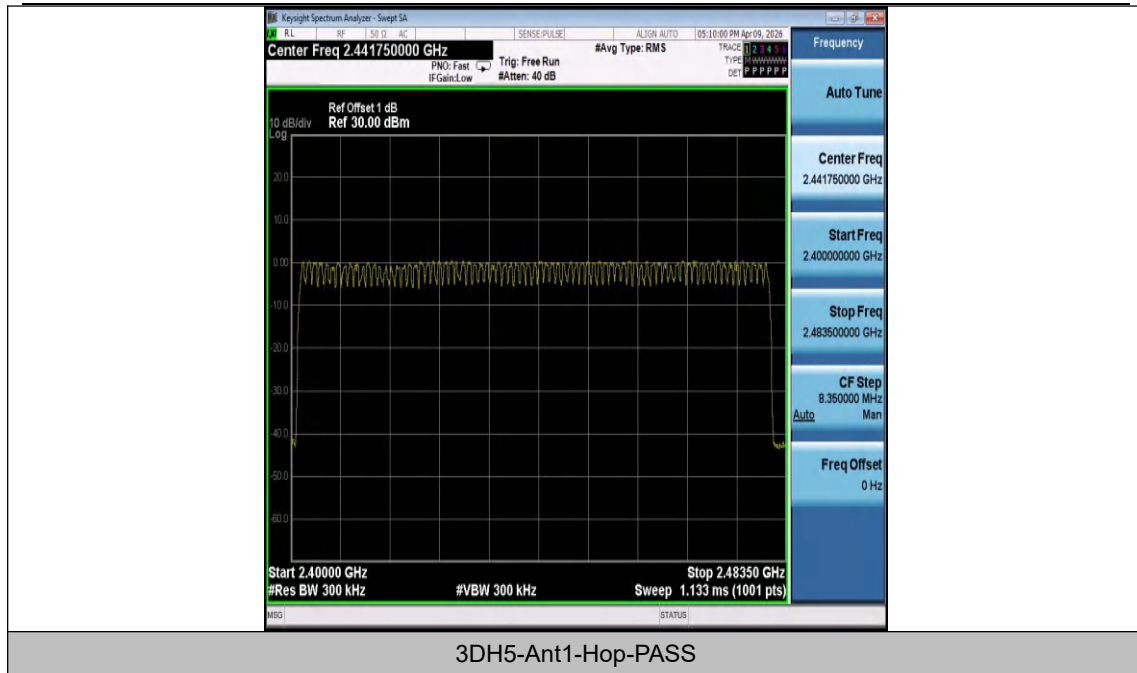
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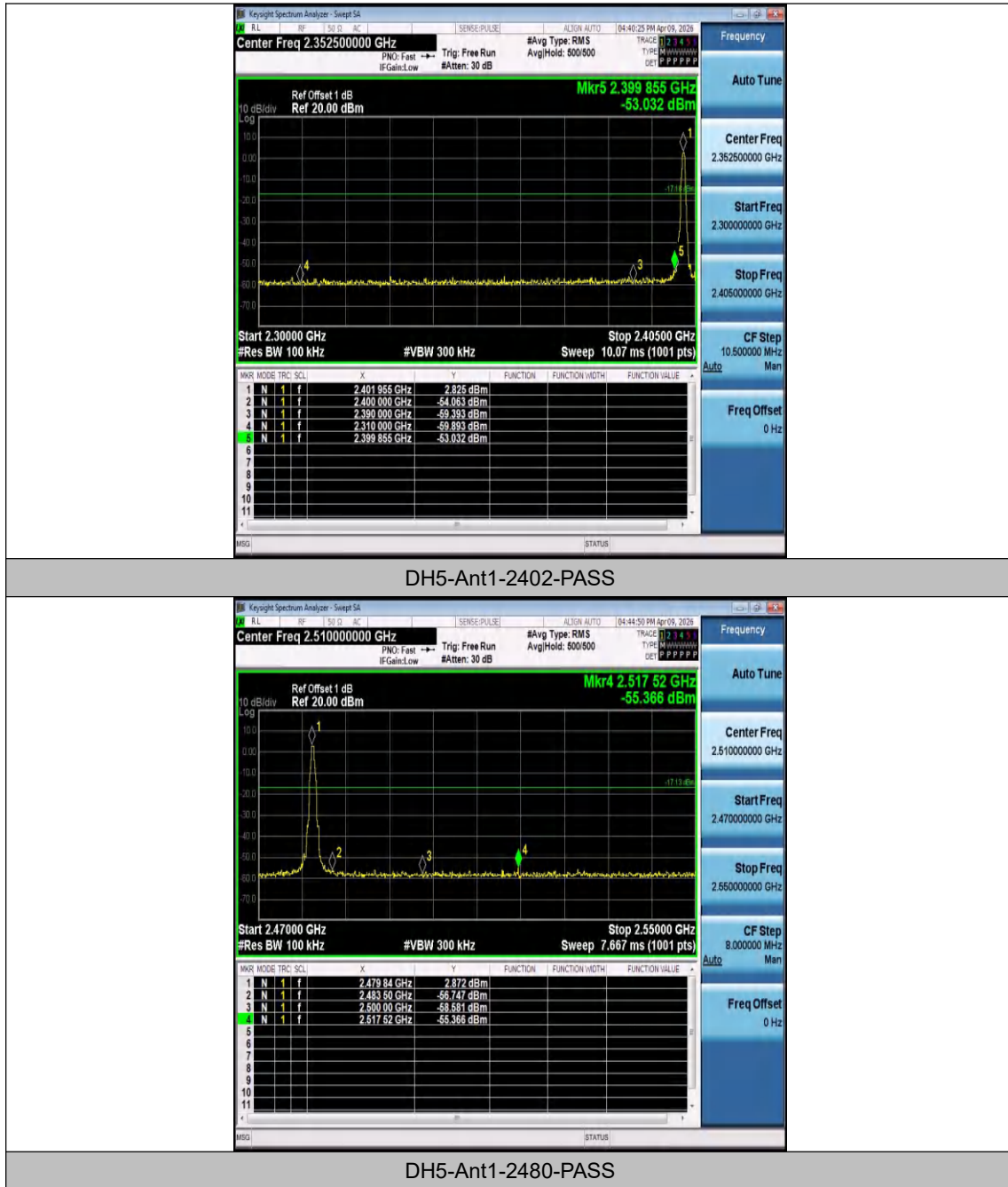
Appendix G: Conducted Band edge

Test Result

Test Mode	Antenna	Ch. Name	Frequency [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	2.83	-53.03	≤-17.18	PASS
DH5	Ant1	High	2480	2.87	-55.37	≤-17.13	PASS
DH5	Ant1	Low	Hop_2402	2.52	-56.22	≤-17.48	PASS
DH5	Ant1	High	Hop_2480	2.23	-55.89	≤-17.77	PASS
2DH5	Ant1	Low	2402	-0.62	-53.68	≤-20.62	PASS
2DH5	Ant1	High	2480	-0.23	-55.65	≤-20.23	PASS
2DH5	Ant1	Low	Hop_2402	-4.80	-56.73	≤-24.8	PASS
2DH5	Ant1	High	Hop_2480	-0.49	-55.4	≤-20.49	PASS
3DH5	Ant1	Low	2402	-0.40	-53.6	≤-20.4	PASS
3DH5	Ant1	High	2480	-0.29	-56.21	≤-20.29	PASS
3DH5	Ant1	Low	Hop_2402	-5.71	-55.77	≤-25.71	PASS
3DH5	Ant1	High	Hop_2480	-0.22	-55.42	≤-20.22	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.

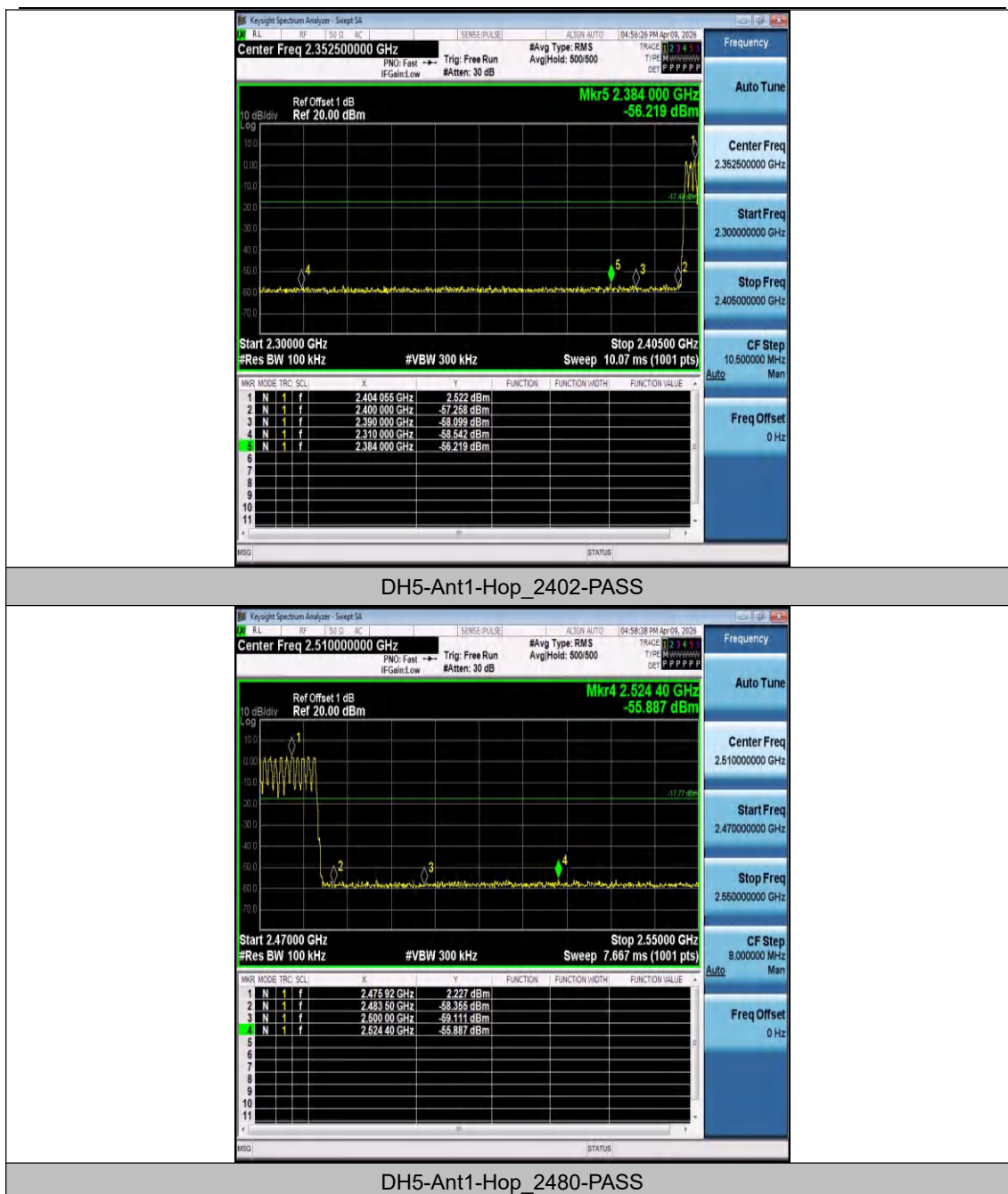
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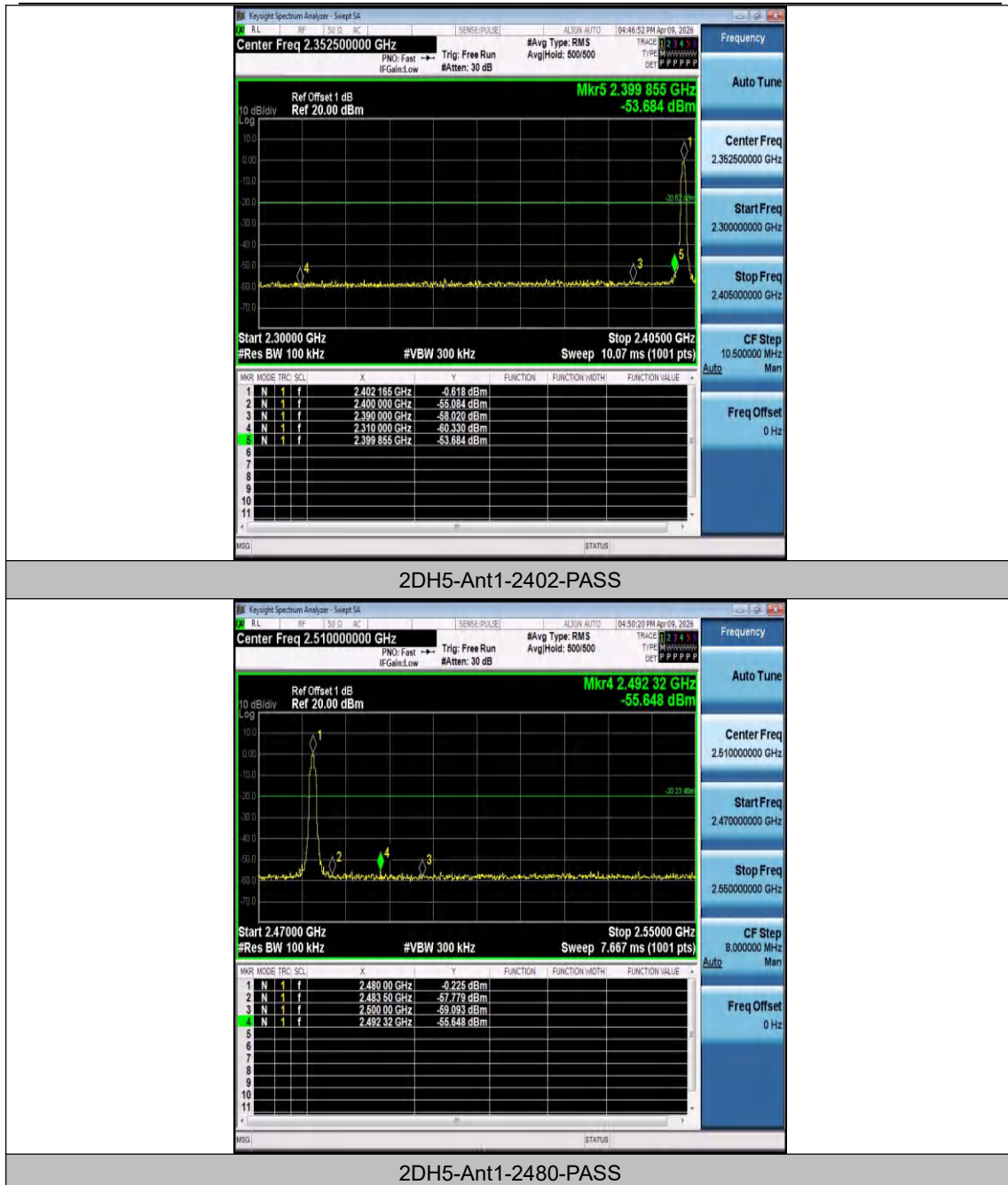


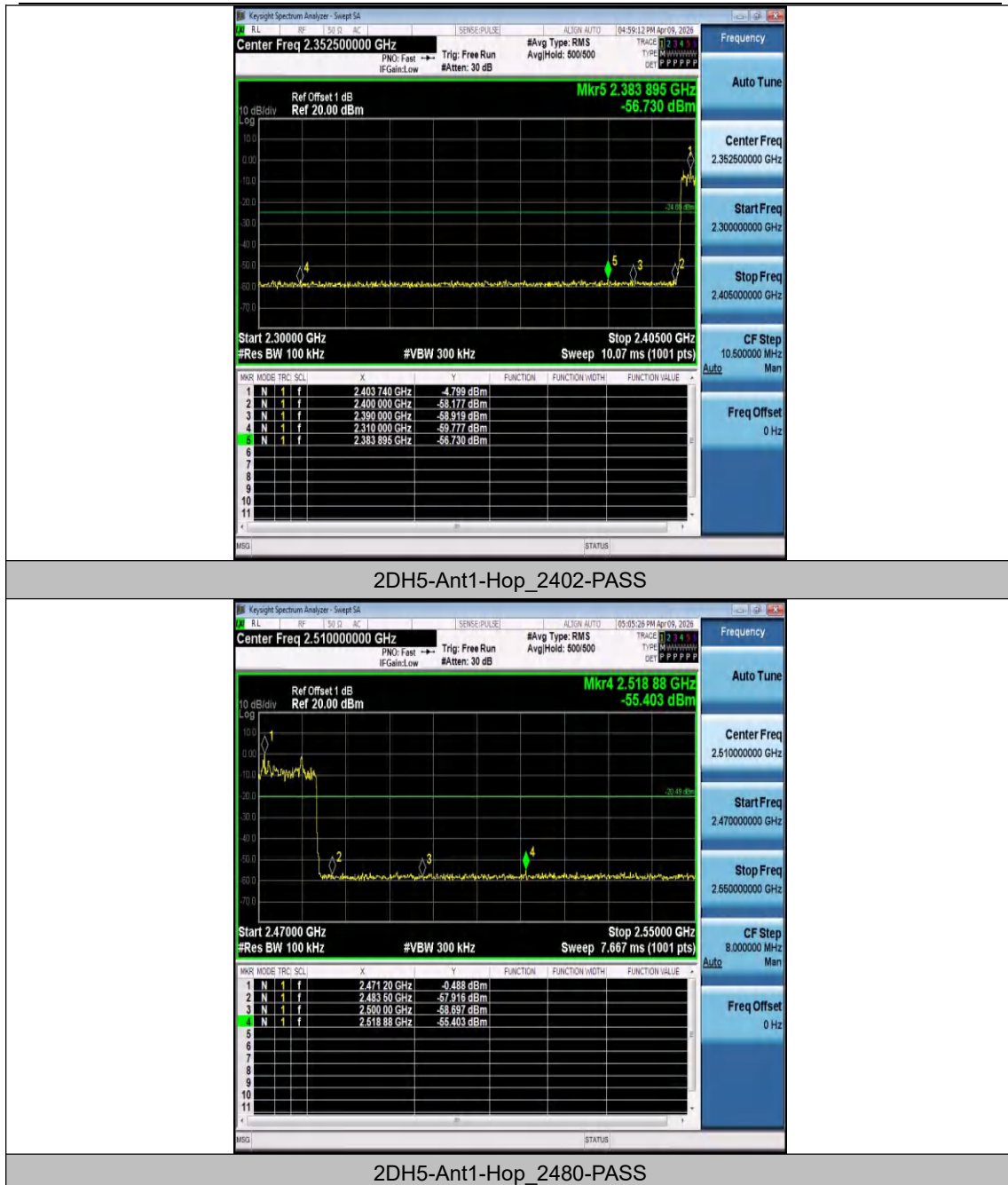
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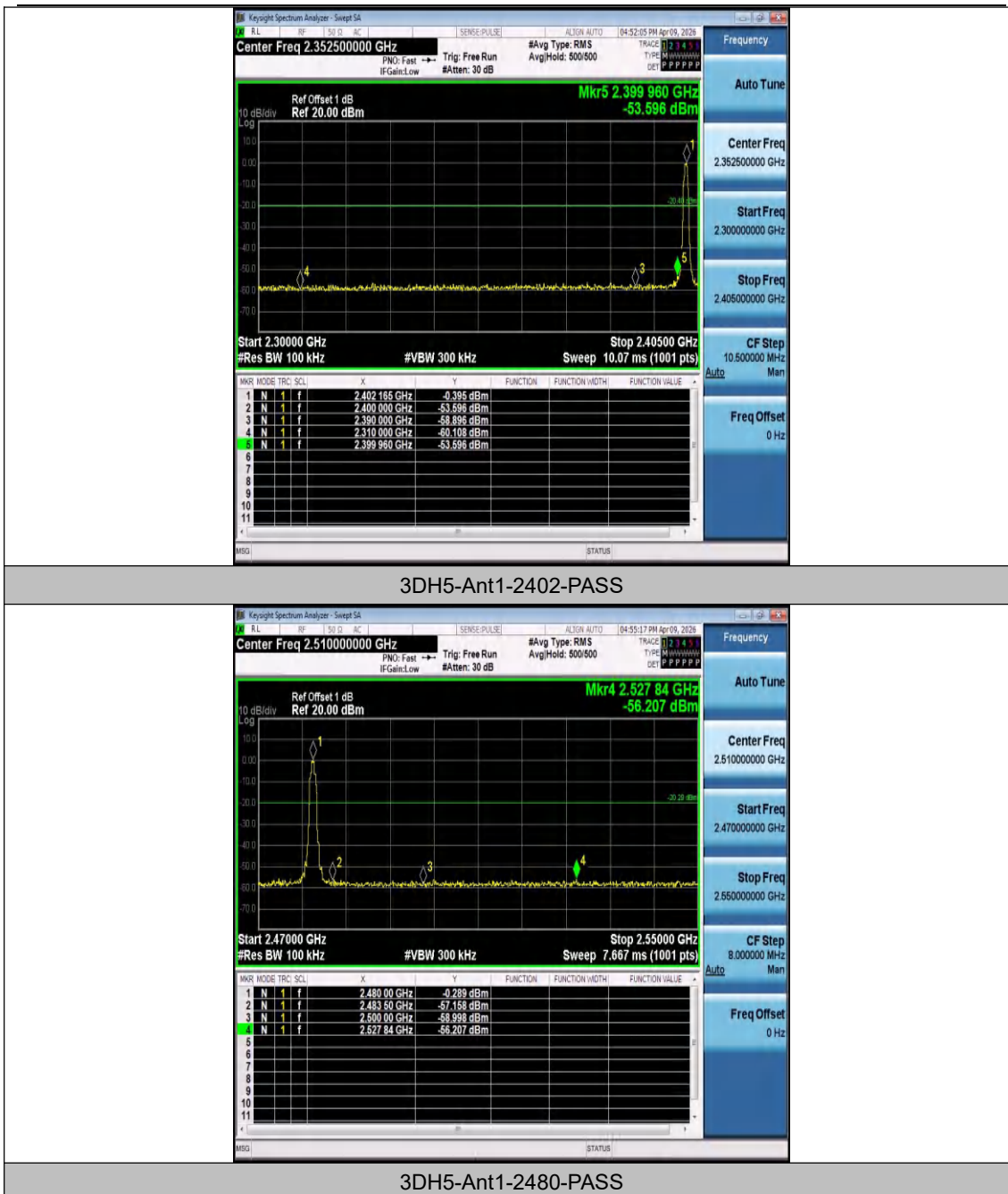
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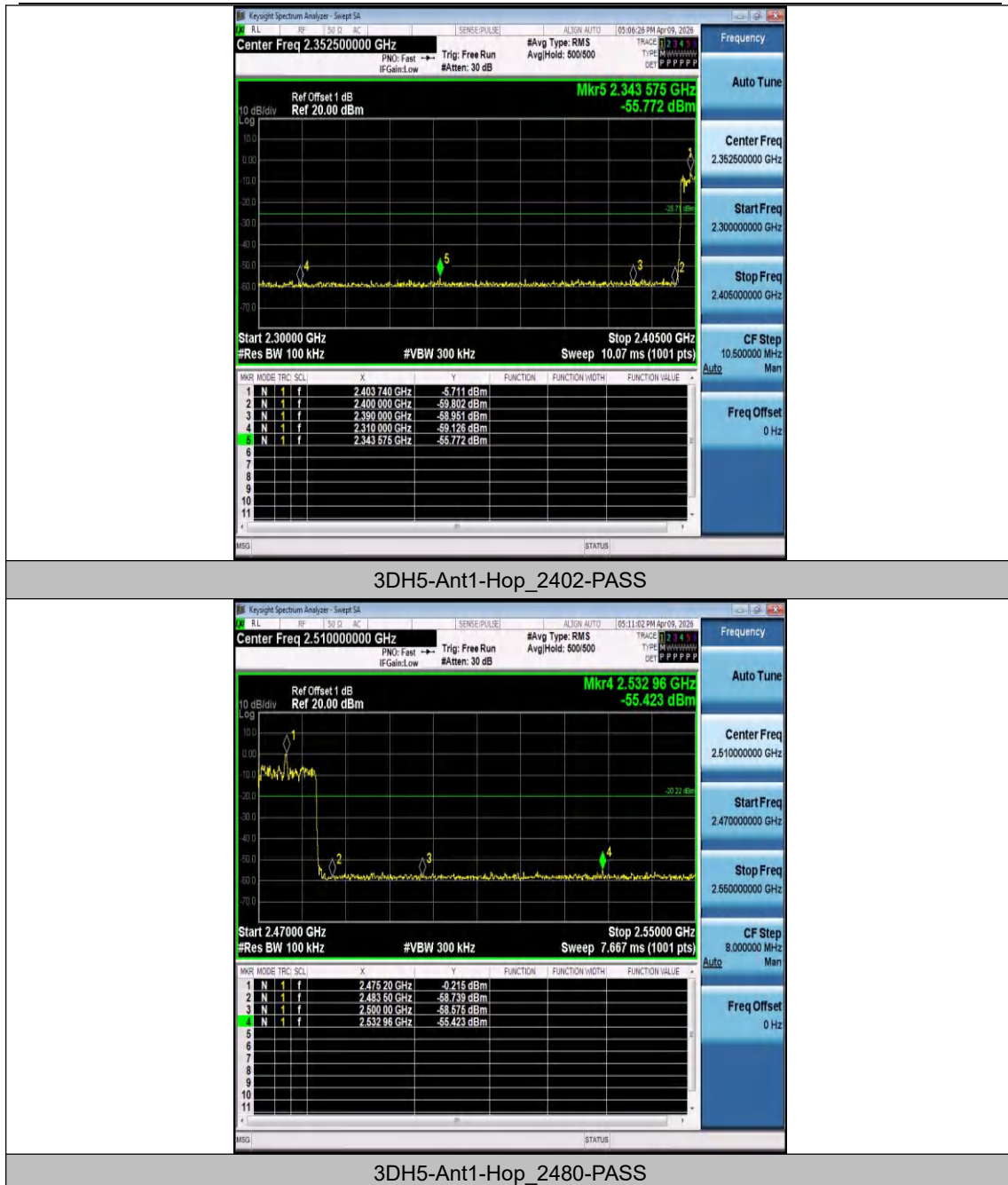




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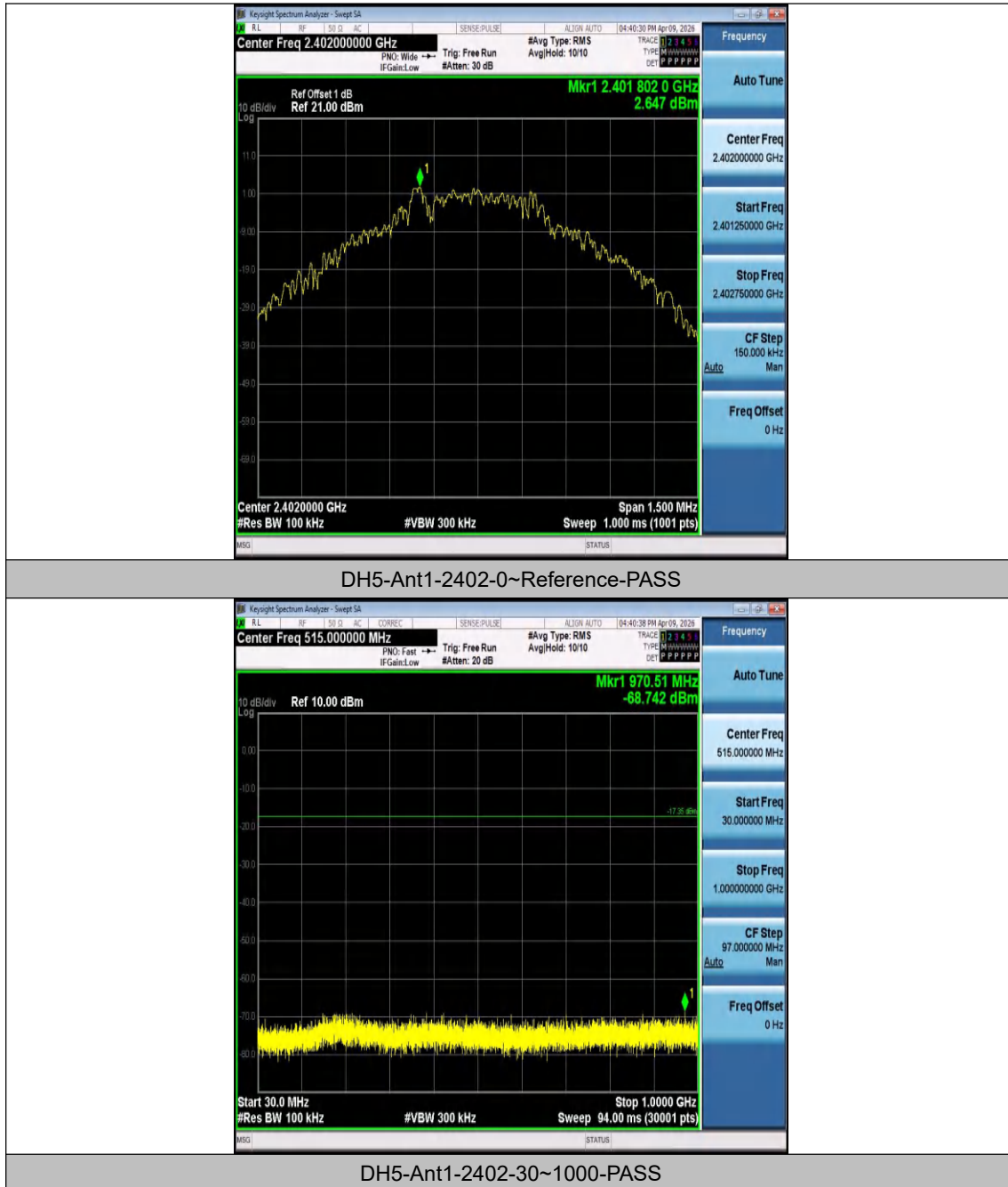
Appendix H: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency[MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	0~Reference	2.65	2.65	---	PASS
DH5	Ant1	2402	30~1000	2.65	-68.74	≤-17.35	PASS
DH5	Ant1	2402	1000~26500	2.65	-23.11	≤-17.35	PASS
DH5	Ant1	2441	0~Reference	1.89	1.89	---	PASS
DH5	Ant1	2441	30~1000	1.89	-68.68	≤-18.11	PASS
DH5	Ant1	2441	1000~26500	1.89	-22.22	≤-18.11	PASS
DH5	Ant1	2480	0~Reference	2.26	2.26	---	PASS
DH5	Ant1	2480	30~1000	2.26	-68.86	≤-17.74	PASS
DH5	Ant1	2480	1000~26500	2.26	-21.88	≤-17.74	PASS
2DH5	Ant1	2402	0~Reference	-1.52	-1.52	---	PASS
2DH5	Ant1	2402	30~1000	-1.52	-68.78	≤-21.52	PASS
2DH5	Ant1	2402	1000~26500	-1.52	-34.38	≤-21.52	PASS
2DH5	Ant1	2441	0~Reference	-1.66	-1.66	---	PASS
2DH5	Ant1	2441	30~1000	-1.66	-67.86	≤-21.66	PASS
2DH5	Ant1	2441	1000~26500	-1.66	-35.39	≤-21.66	PASS
2DH5	Ant1	2480	0~Reference	-0.94	-0.94	---	PASS
2DH5	Ant1	2480	30~1000	-0.94	-67.27	≤-20.94	PASS
2DH5	Ant1	2480	1000~26500	-0.94	-32.63	≤-20.94	PASS
3DH5	Ant1	2402	0~Reference	-5.84	-5.84	---	PASS
3DH5	Ant1	2402	30~1000	-5.84	-68.02	≤-25.84	PASS
3DH5	Ant1	2402	1000~26500	-5.84	-34.78	≤-25.84	PASS
3DH5	Ant1	2441	0~Reference	-1.10	-1.10	---	PASS
3DH5	Ant1	2441	30~1000	-1.10	-67.91	≤-21.1	PASS
3DH5	Ant1	2441	1000~26500	-1.10	-34.86	≤-21.1	PASS
3DH5	Ant1	2480	0~Reference	-0.41	-0.41	---	PASS
3DH5	Ant1	2480	30~1000	-0.41	-68.67	≤-20.41	PASS
3DH5	Ant1	2480	1000~26500	-0.41	-34.47	≤-20.41	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.

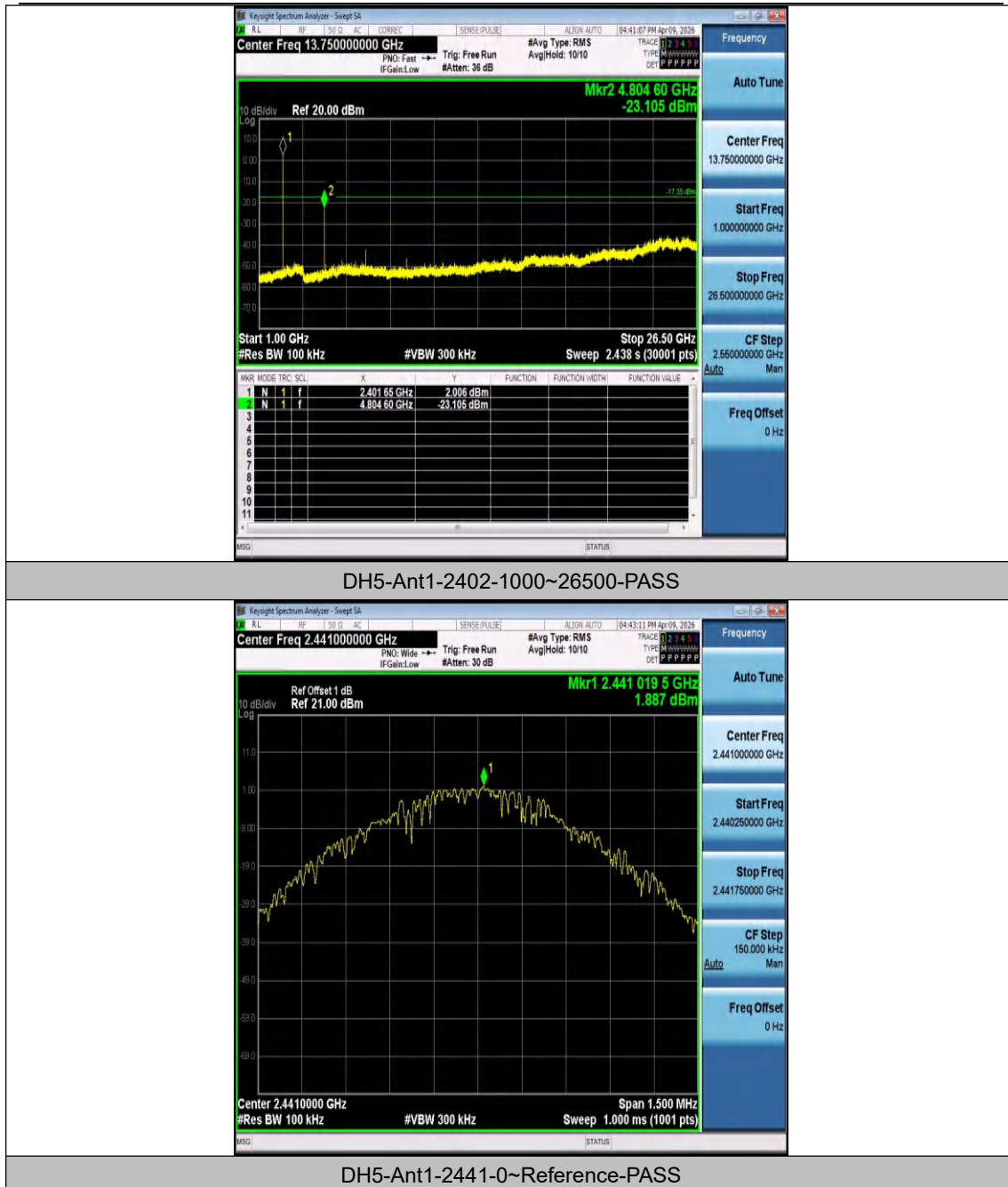
Test Graphs



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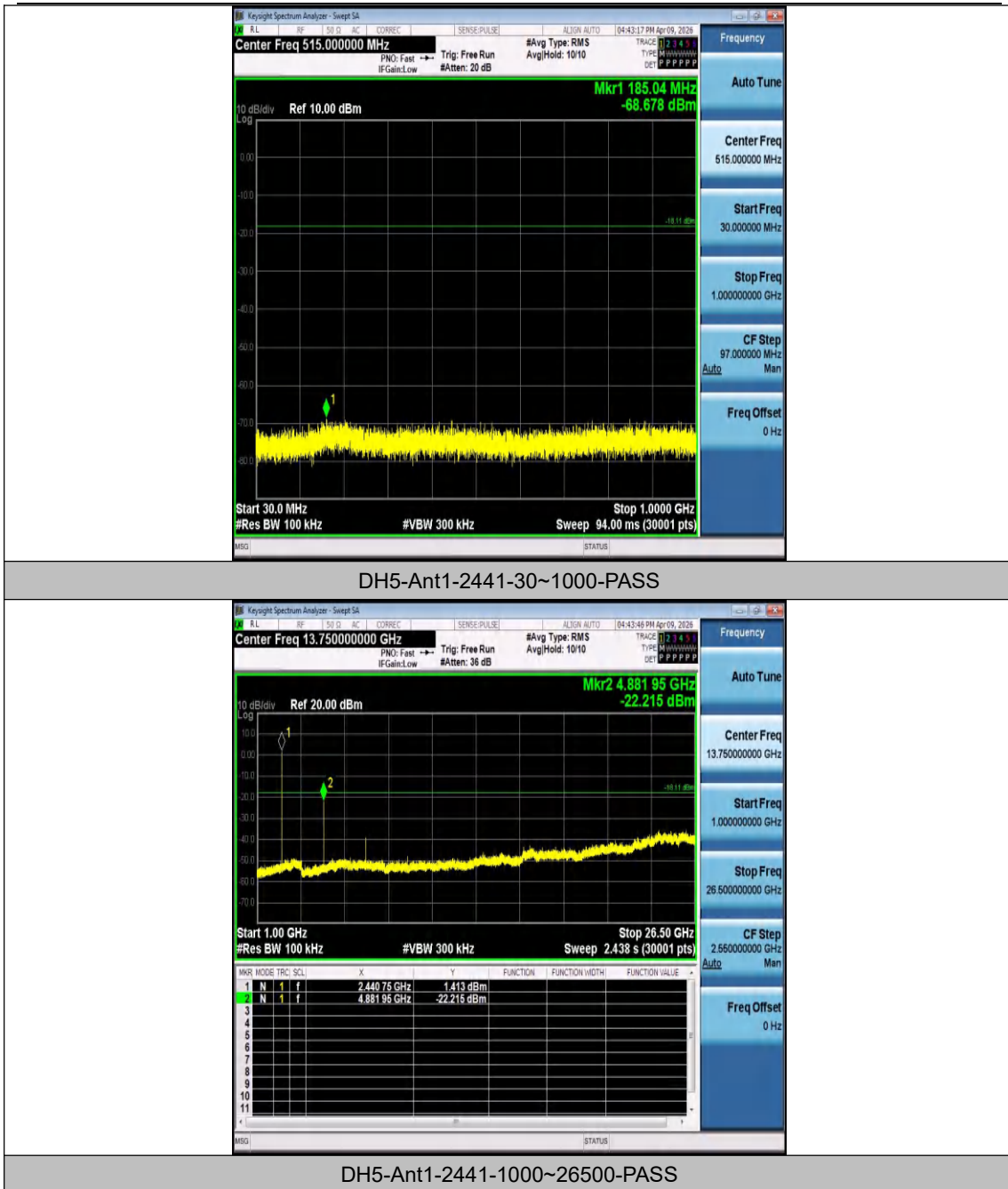
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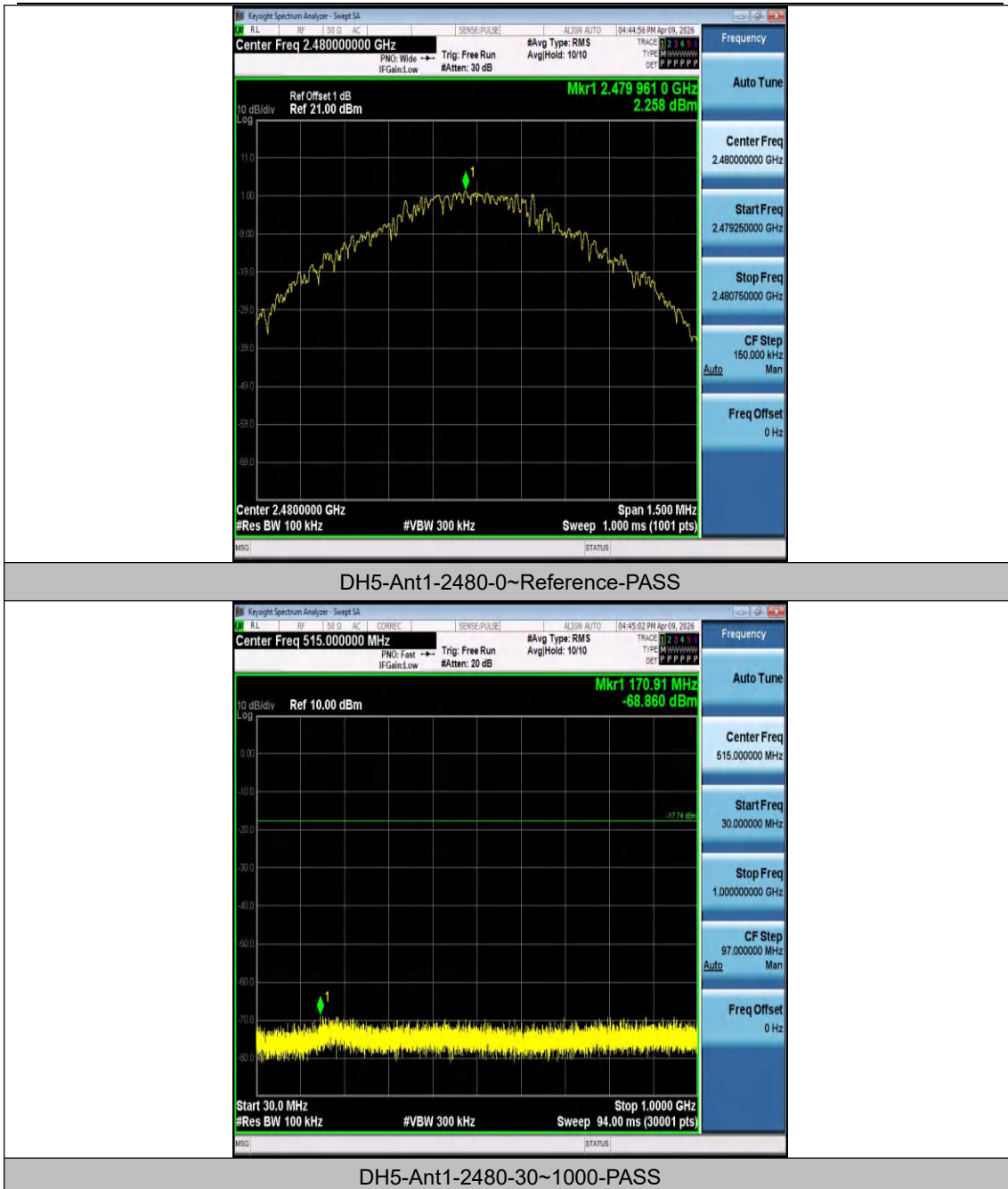
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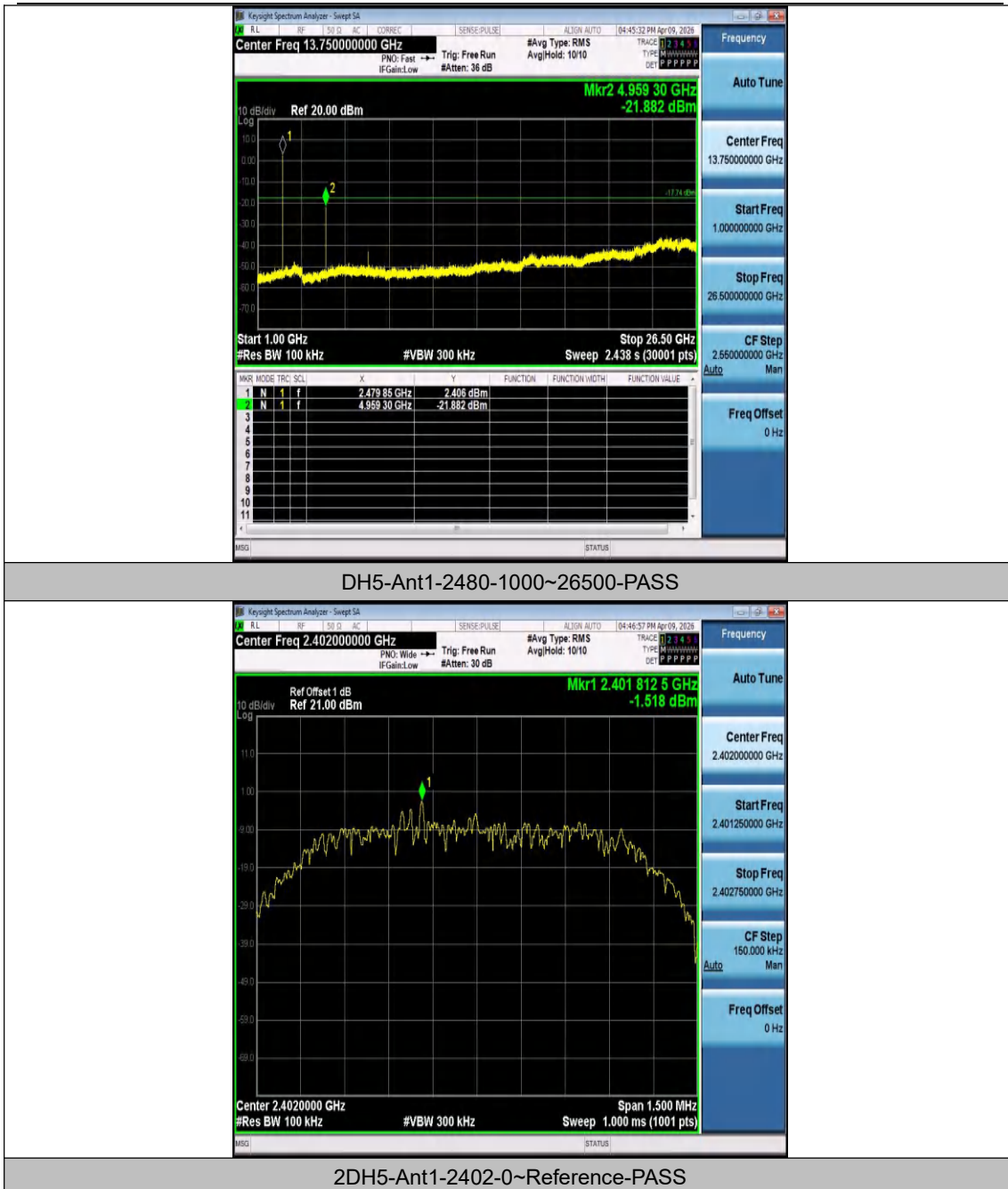
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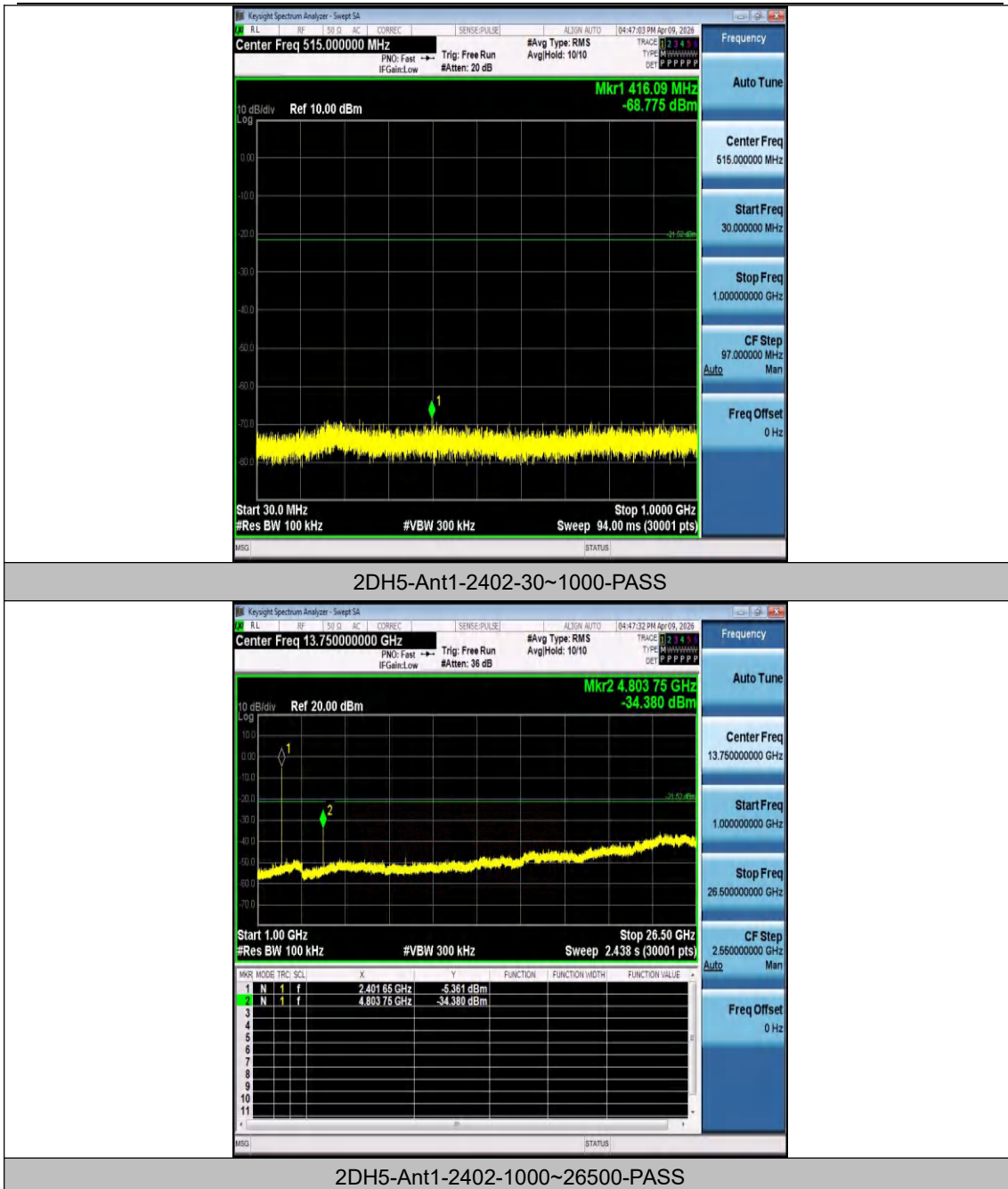
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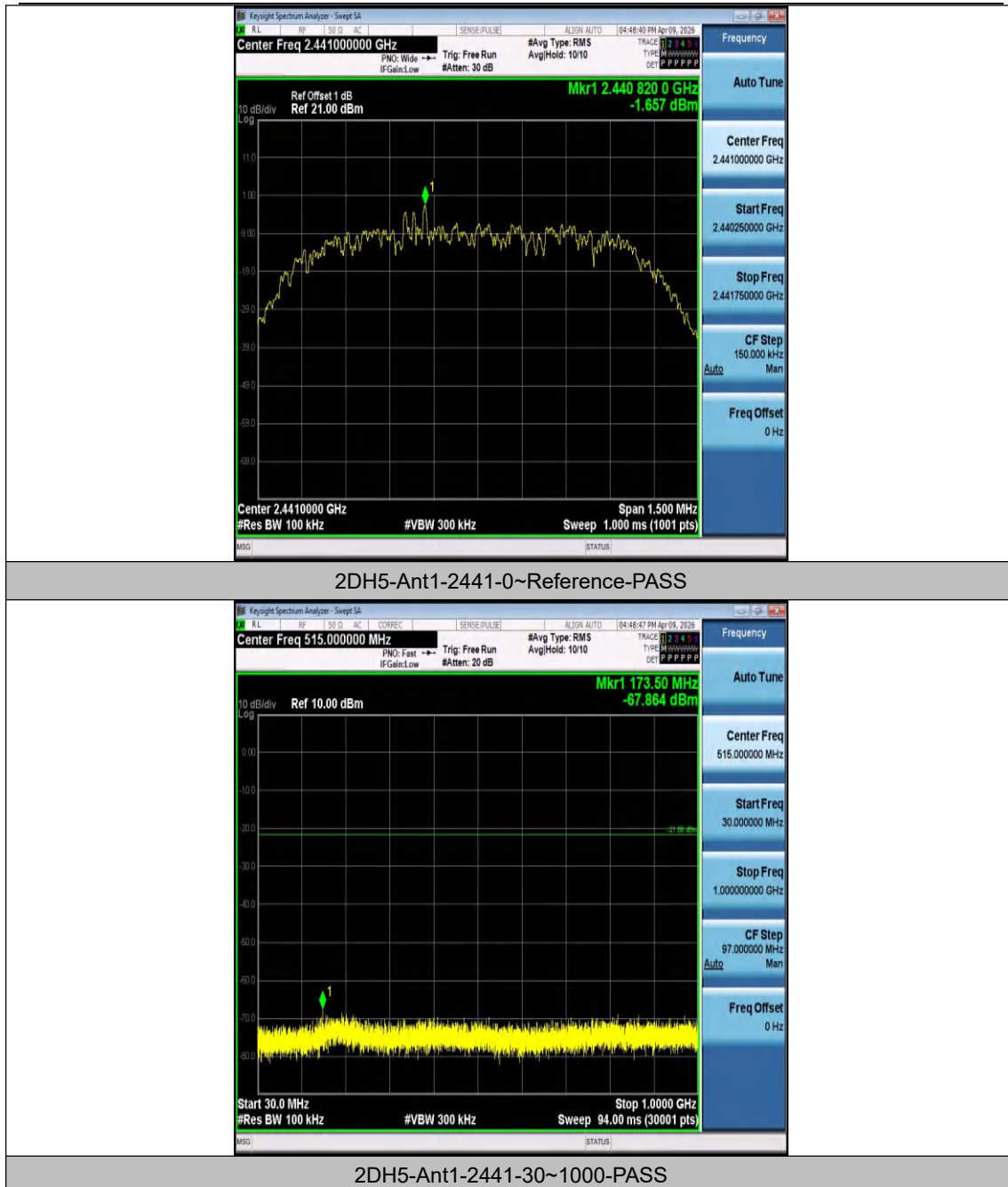
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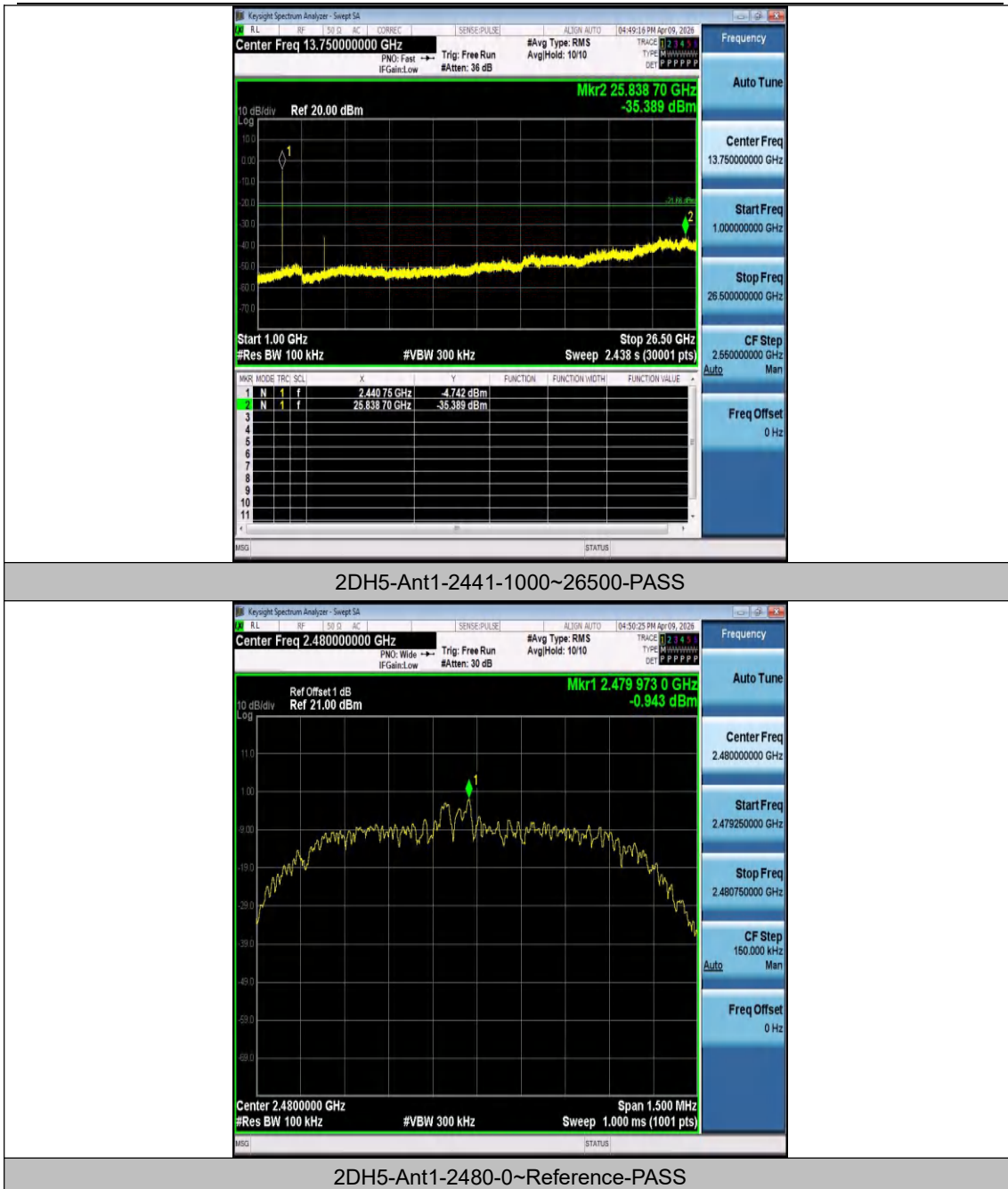
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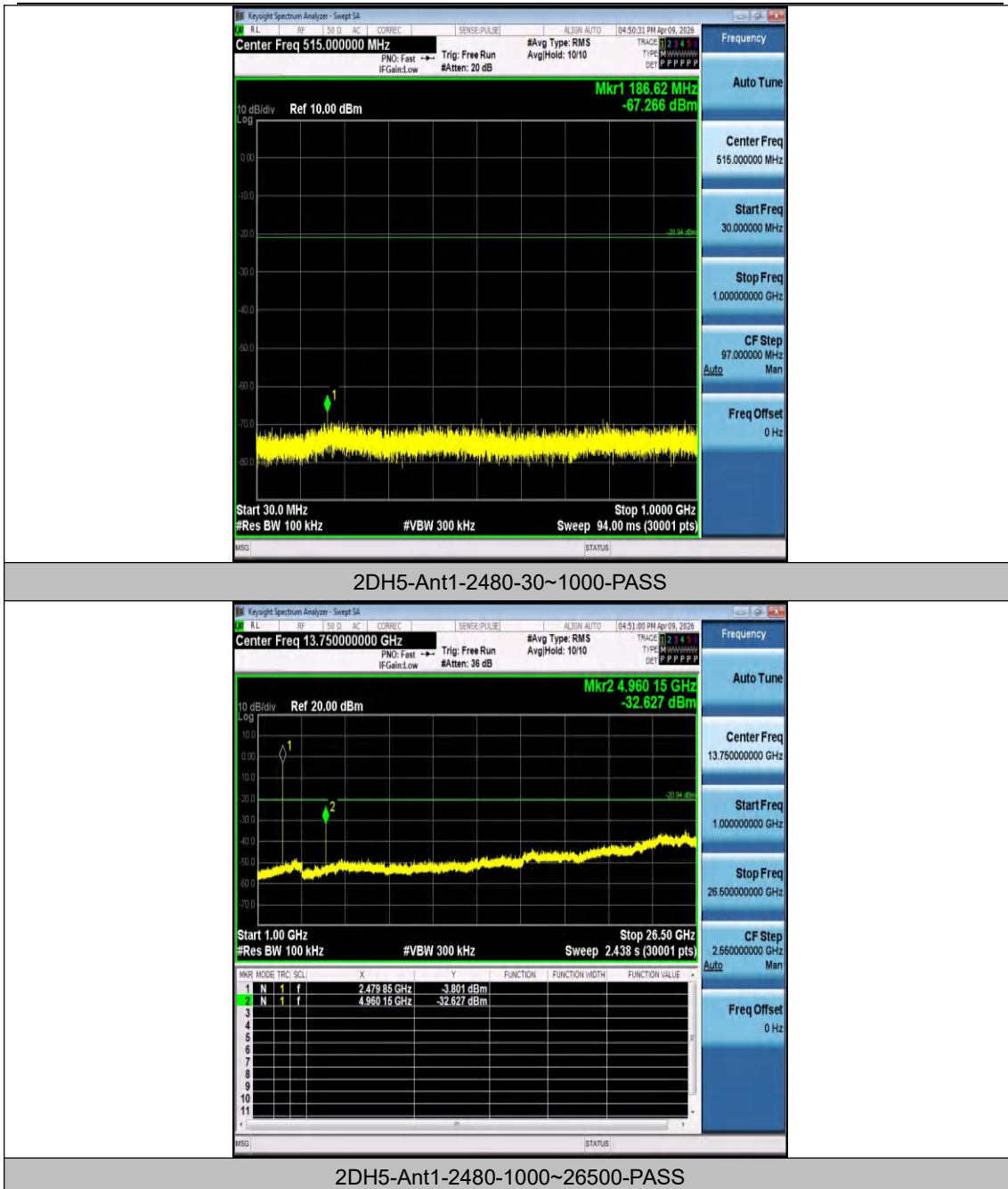
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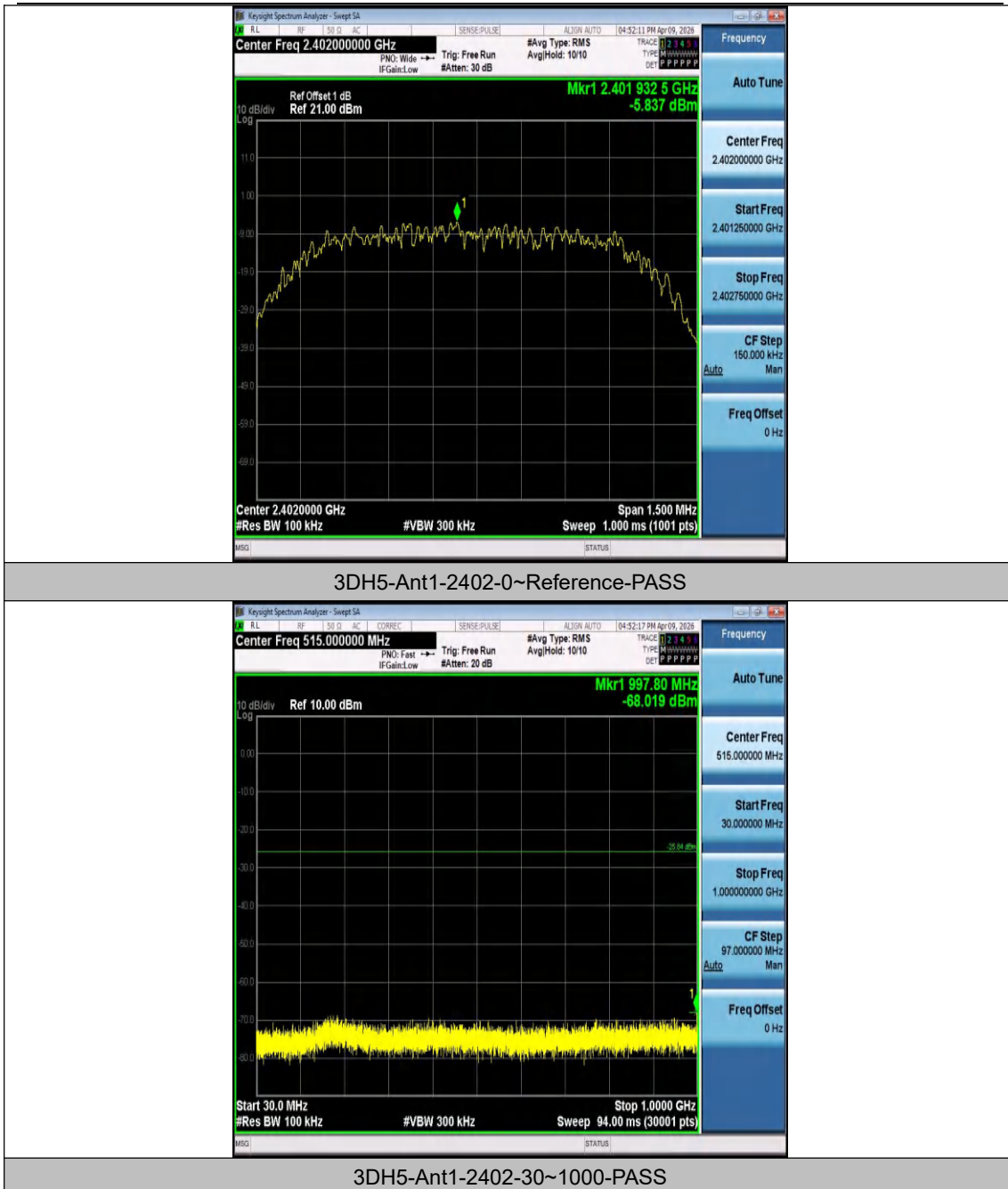
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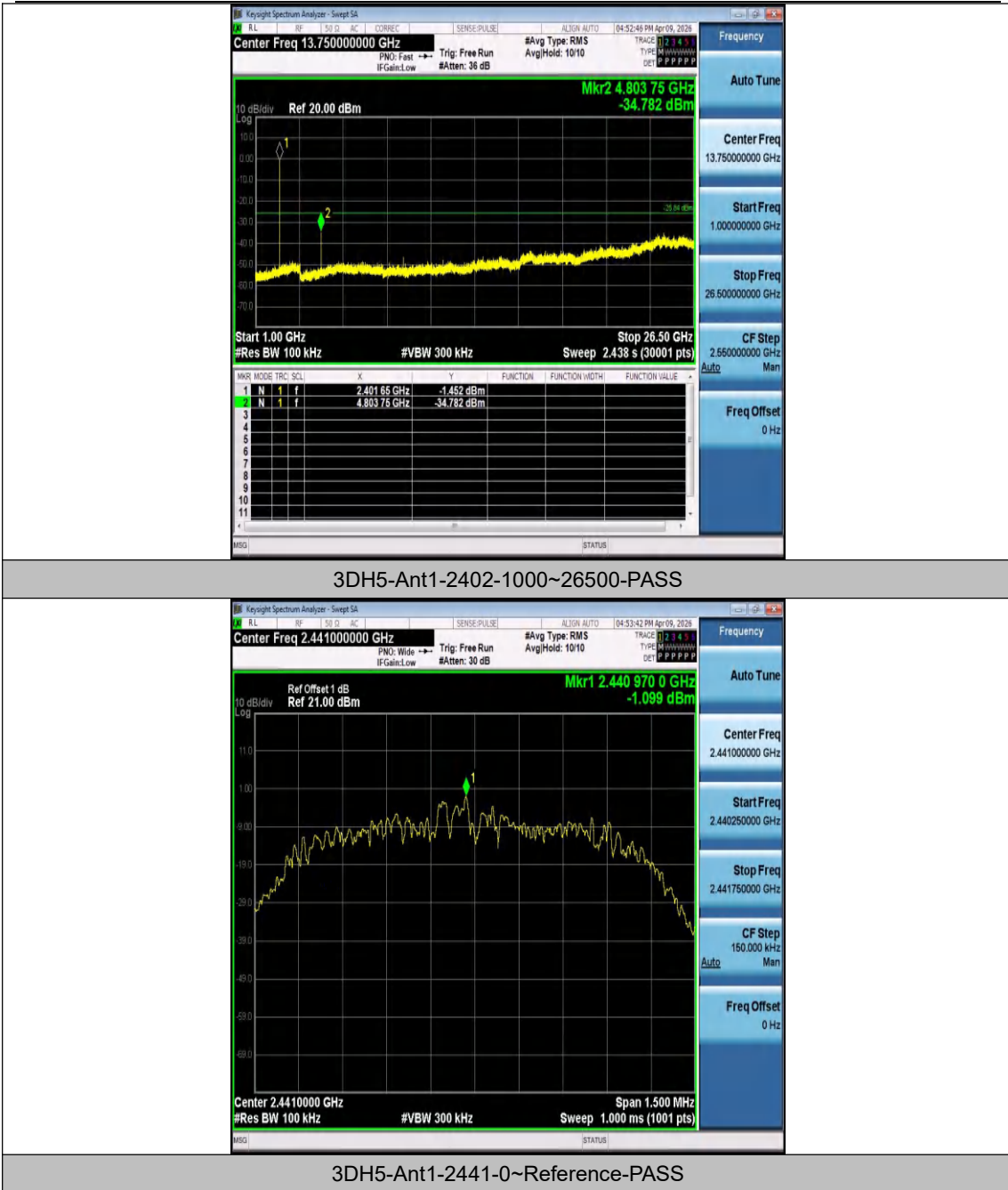
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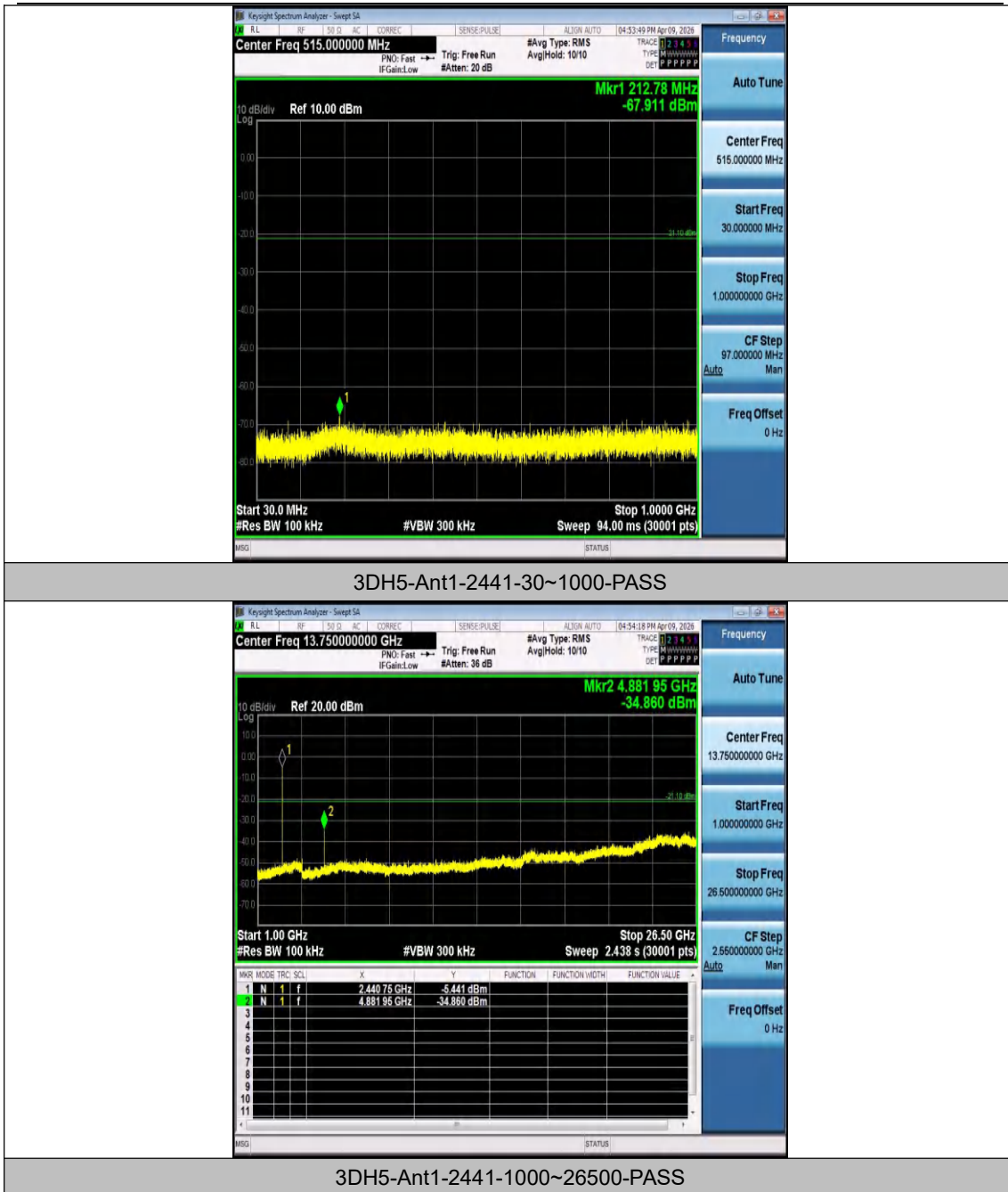


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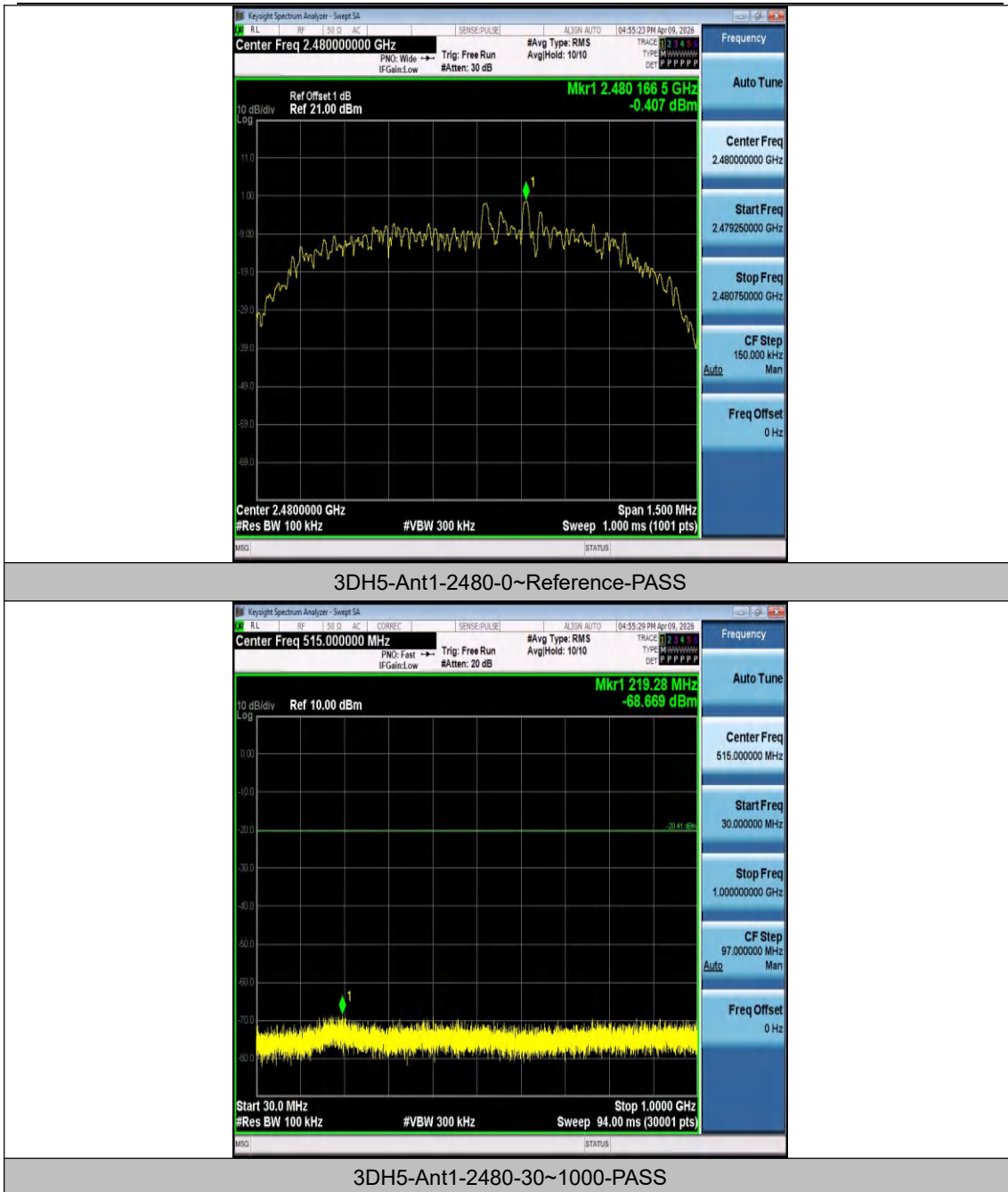




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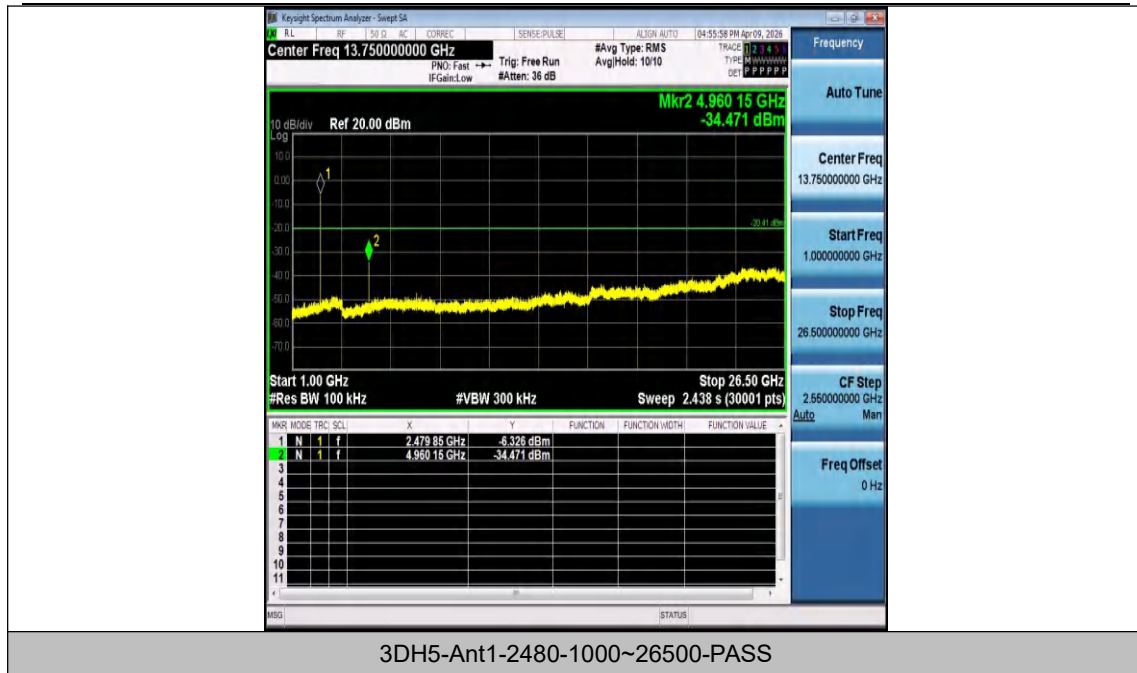
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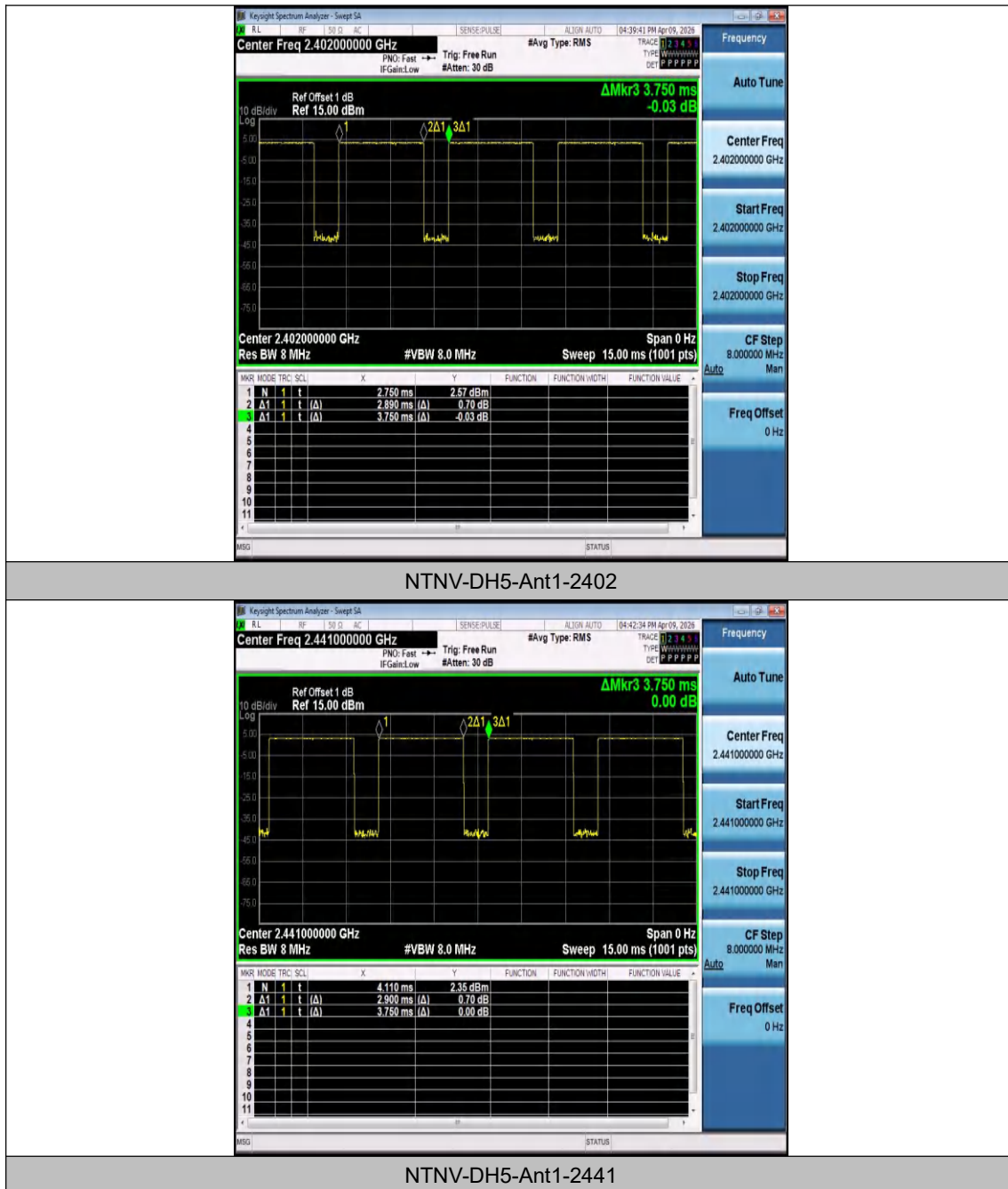
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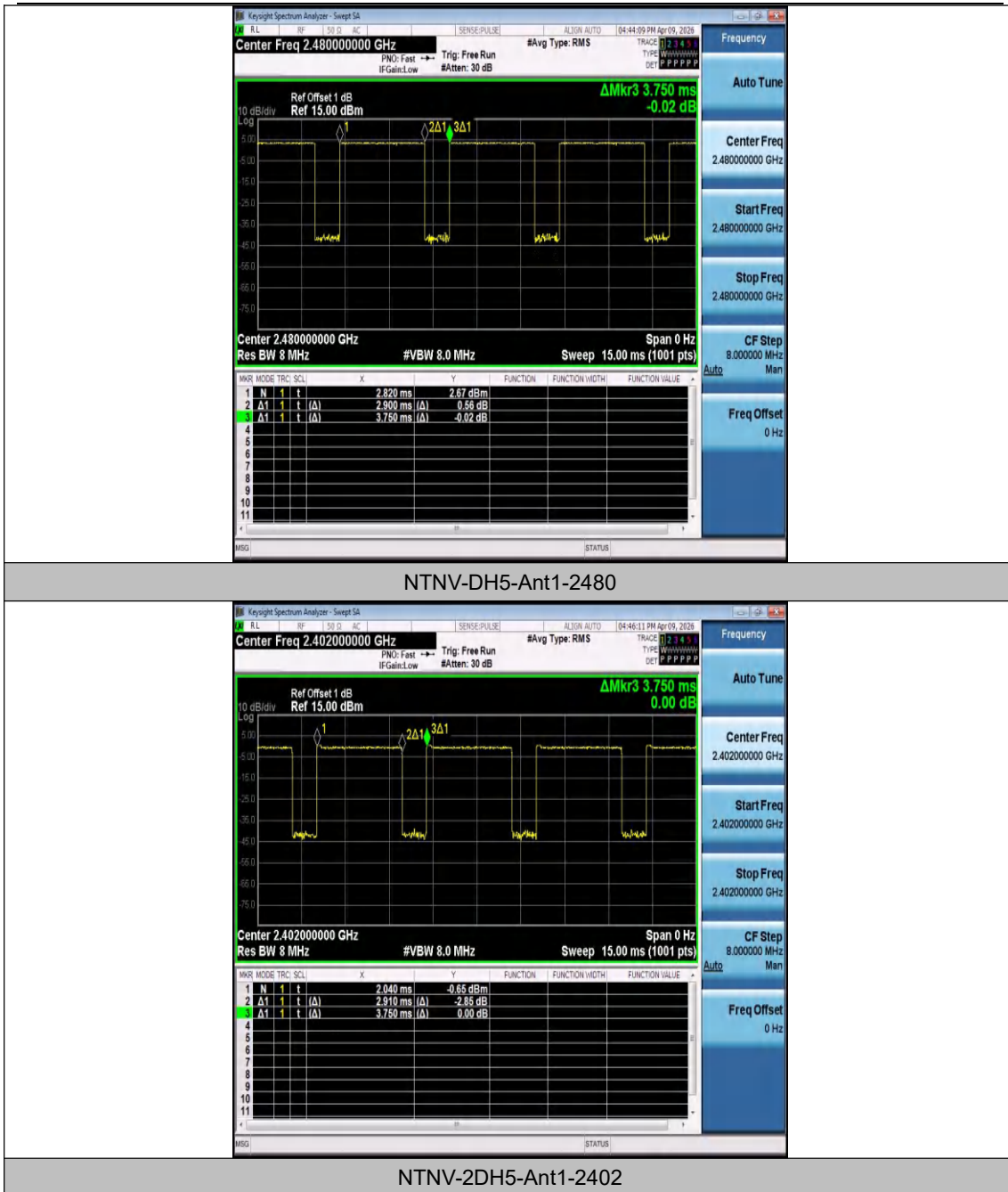
Appendix I: Duty Cycle

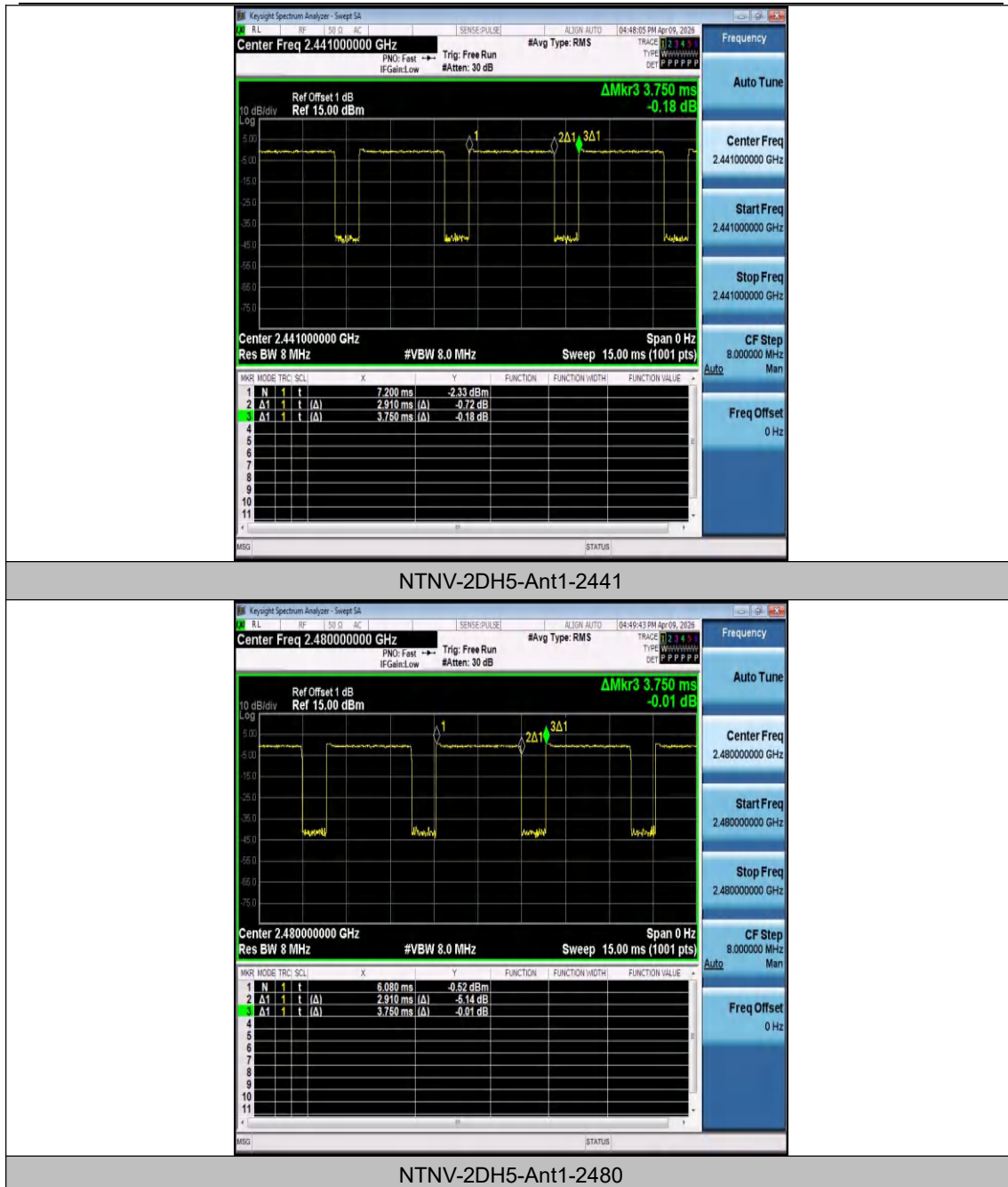
Test Result

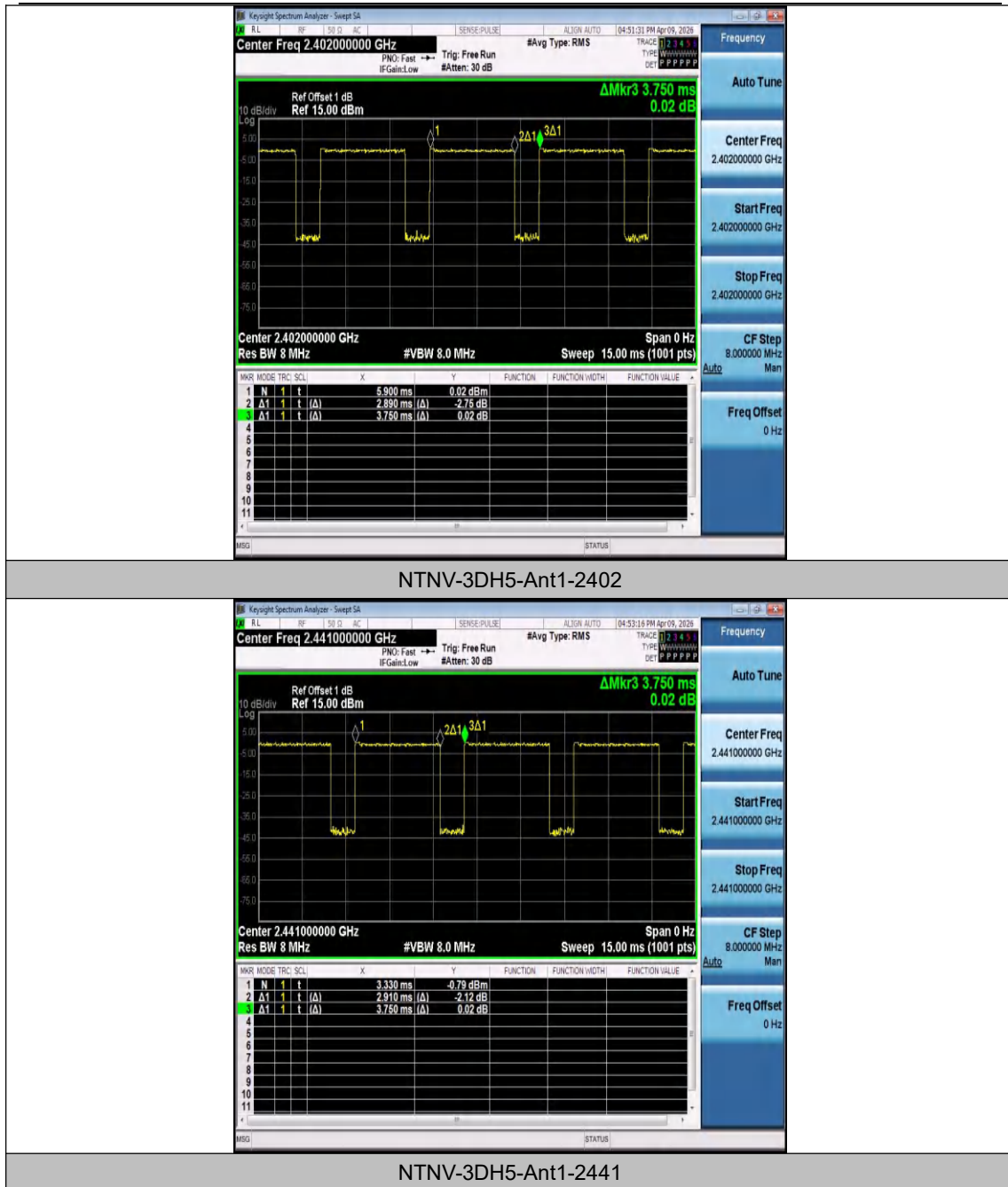
Test Mode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
DH5	Ant1	2402	2.89	3.75	77.07	1.13
DH5	Ant1	2441	2.90	3.75	77.33	1.12
DH5	Ant1	2480	2.90	3.75	77.33	1.12
2DH5	Ant1	2402	2.91	3.75	77.60	1.10
2DH5	Ant1	2441	2.91	3.75	77.60	1.10
2DH5	Ant1	2480	2.91	3.75	77.60	1.10
3DH5	Ant1	2402	2.89	3.75	77.07	1.13
3DH5	Ant1	2441	2.91	3.75	77.60	1.10
3DH5	Ant1	2480	2.89	3.75	77.07	1.13

Test Graphs





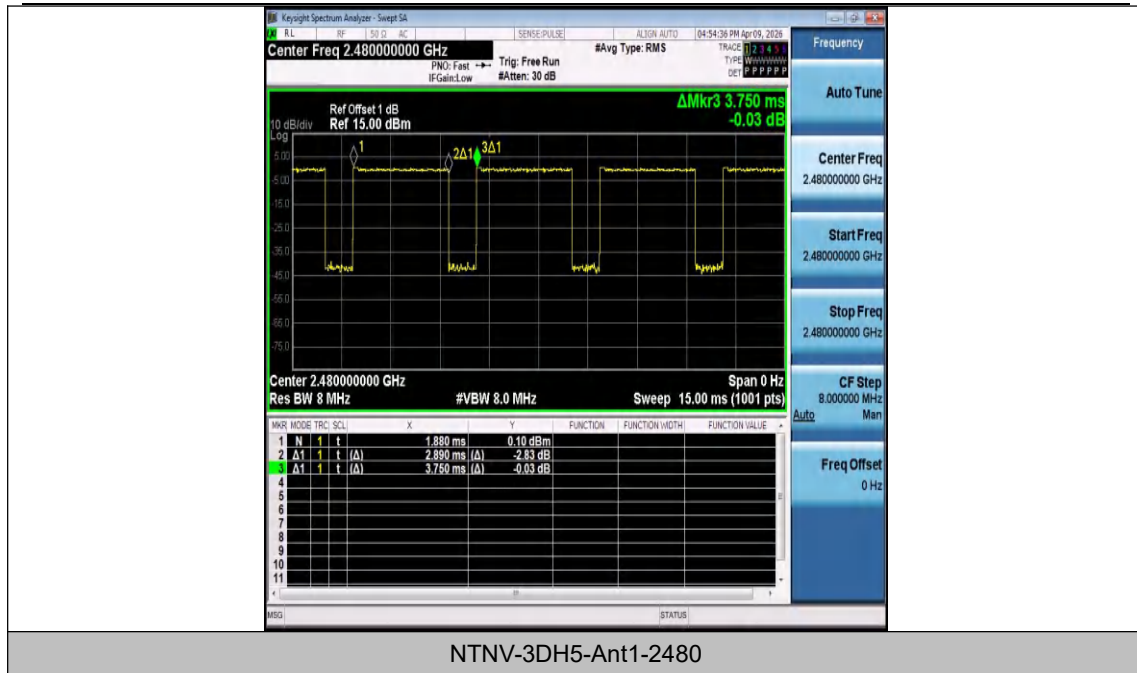




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---End---