

Appendix Test Data

Report No.:	1819C60031712501-01	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		

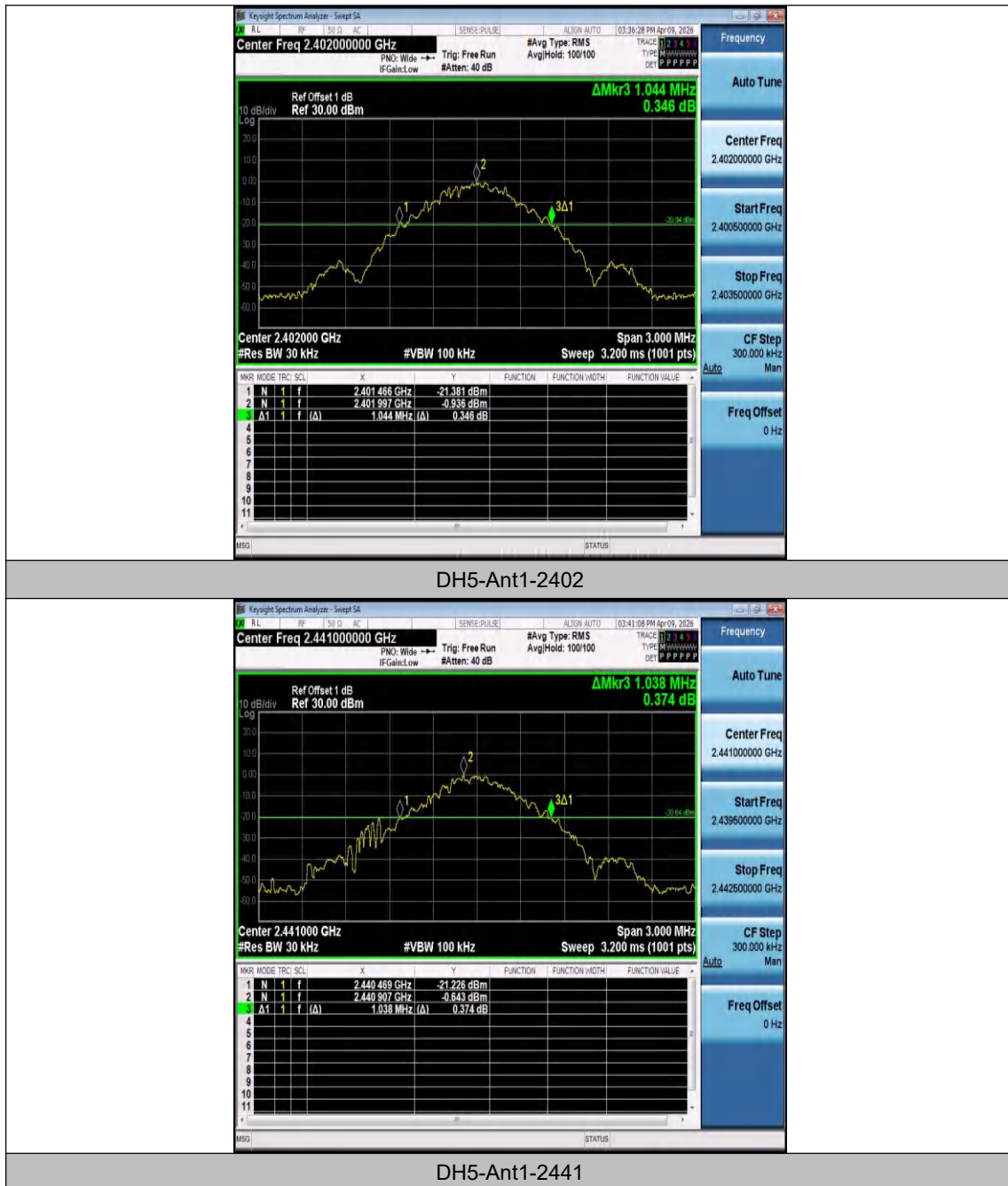


Appendix A: 20dB Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	1.044	2401.466	2402.510	---	---
DH5	Ant1	2441	1.038	2440.469	2441.507	---	---
DH5	Ant1	2480	1.056	2479.460	2480.516	---	---
2DH5	Ant1	2402	1.281	2401.367	2402.648	---	---
2DH5	Ant1	2441	1.356	2440.250	2441.606	---	---
2DH5	Ant1	2480	1.227	2479.376	2480.603	---	---
3DH5	Ant1	2402	1.260	2401.358	2402.618	---	---
3DH5	Ant1	2441	1.257	2440.379	2441.636	---	---
3DH5	Ant1	2480	1.263	2479.361	2480.624	---	---

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	0.91322	2401.5469	2402.4601	---	---
DH5	Ant1	2441	0.97294	2440.4934	2441.4664	---	---
DH5	Ant1	2480	0.90897	2479.5467	2480.4557	---	---
2DH5	Ant1	2402	1.1600	2401.4164	2402.5764	---	---
2DH5	Ant1	2441	1.1721	2440.4128	2441.5849	---	---
2DH5	Ant1	2480	1.1841	2479.4074	2480.5915	---	---
3DH5	Ant1	2402	1.1470	2401.4326	2402.5796	---	---
3DH5	Ant1	2441	1.1621	2440.4196	2441.5817	---	---
3DH5	Ant1	2480	1.1451	2479.4279	2480.5730	---	---

Test Graphs



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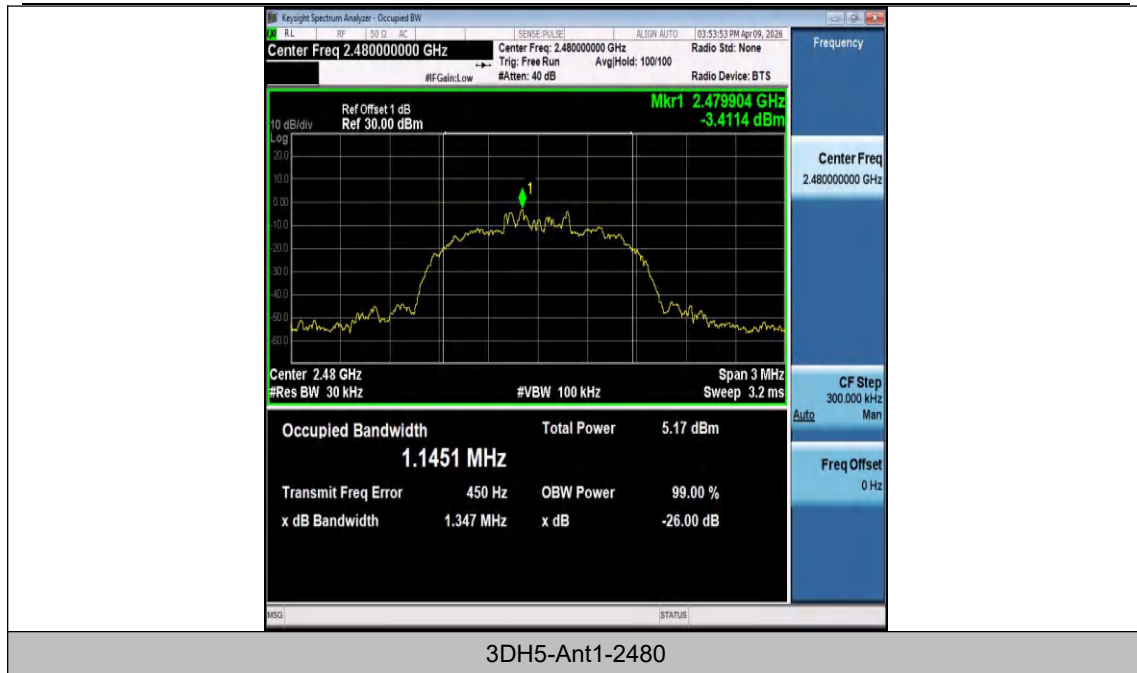
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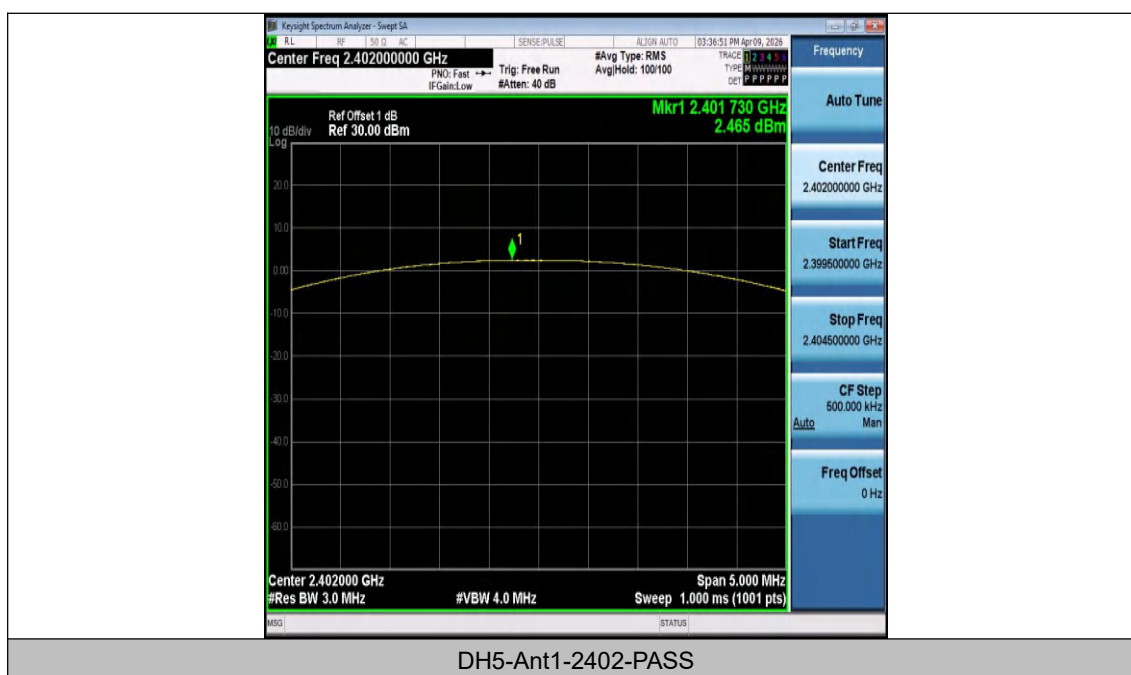
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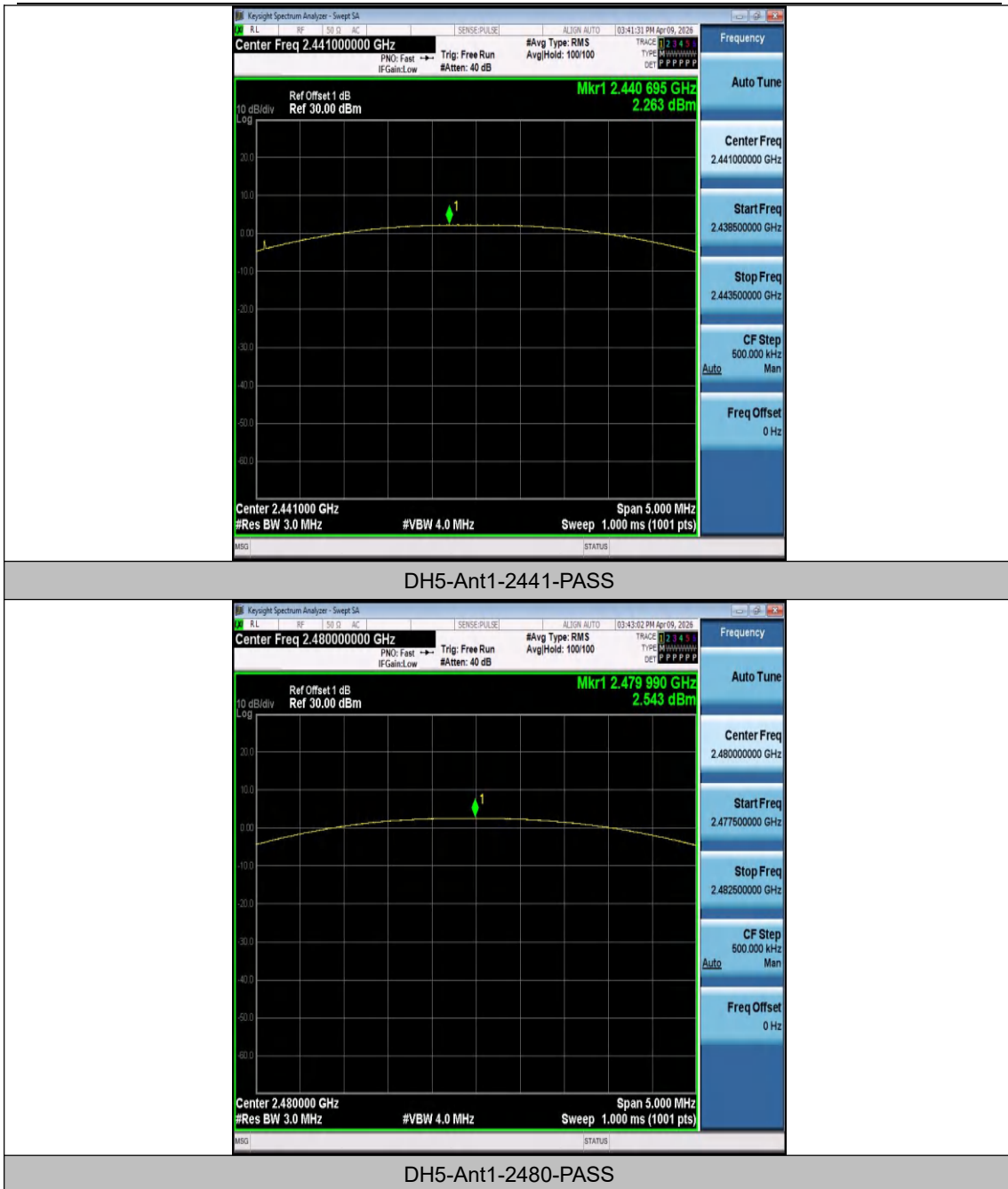
Appendix C: Maximum Conducted Output Power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	2.47	≤20.97	PASS
DH5	Ant1	2441	2.26	≤20.97	PASS
DH5	Ant1	2480	2.54	≤20.97	PASS
2DH5	Ant1	2402	-0.58	≤20.97	PASS
2DH5	Ant1	2441	-0.91	≤20.97	PASS
2DH5	Ant1	2480	-0.54	≤20.97	PASS
3DH5	Ant1	2402	-0.66	≤20.97	PASS
3DH5	Ant1	2441	-0.89	≤20.97	PASS
3DH5	Ant1	2480	-0.54	≤20.97	PASS

Test Graphs

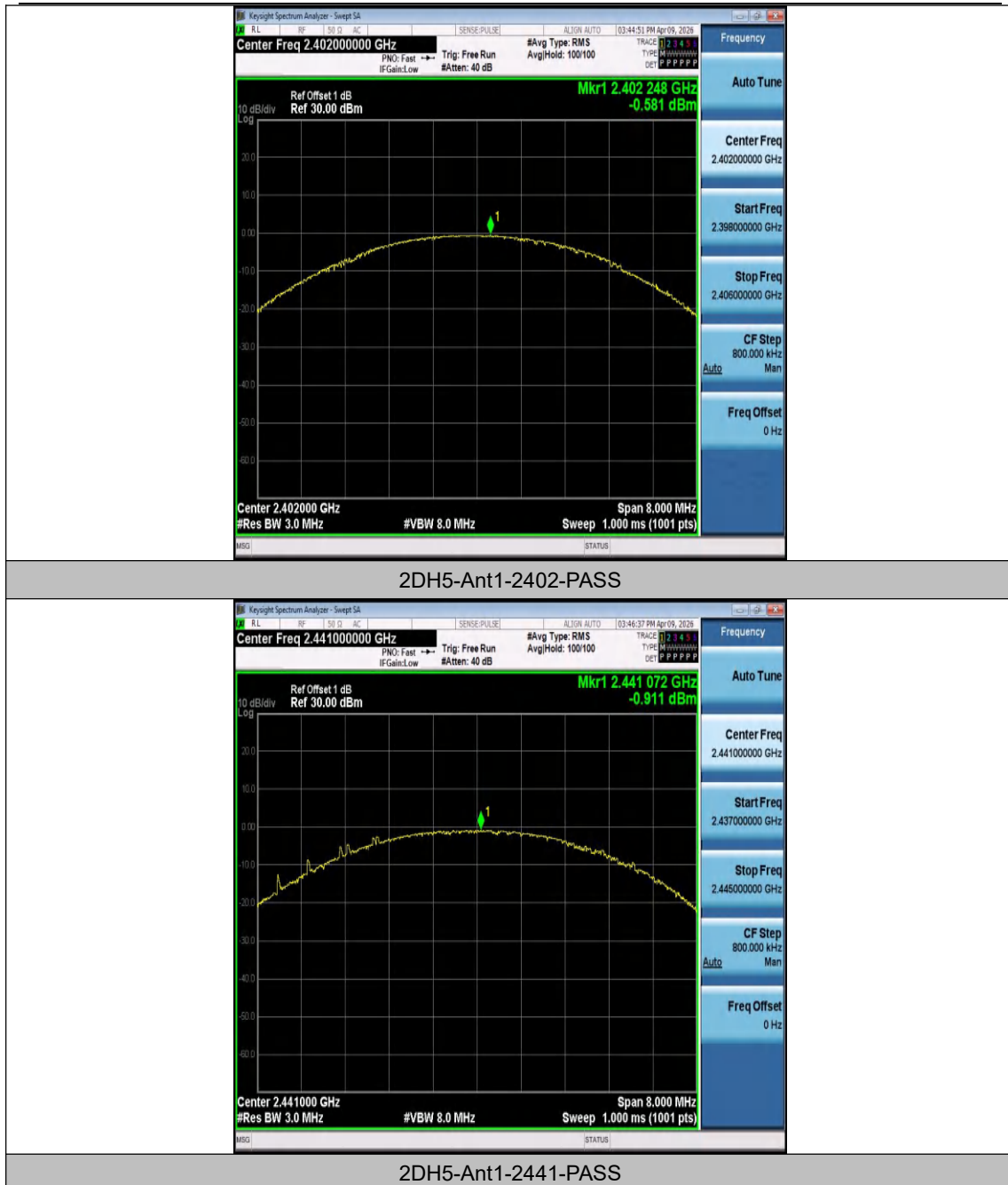




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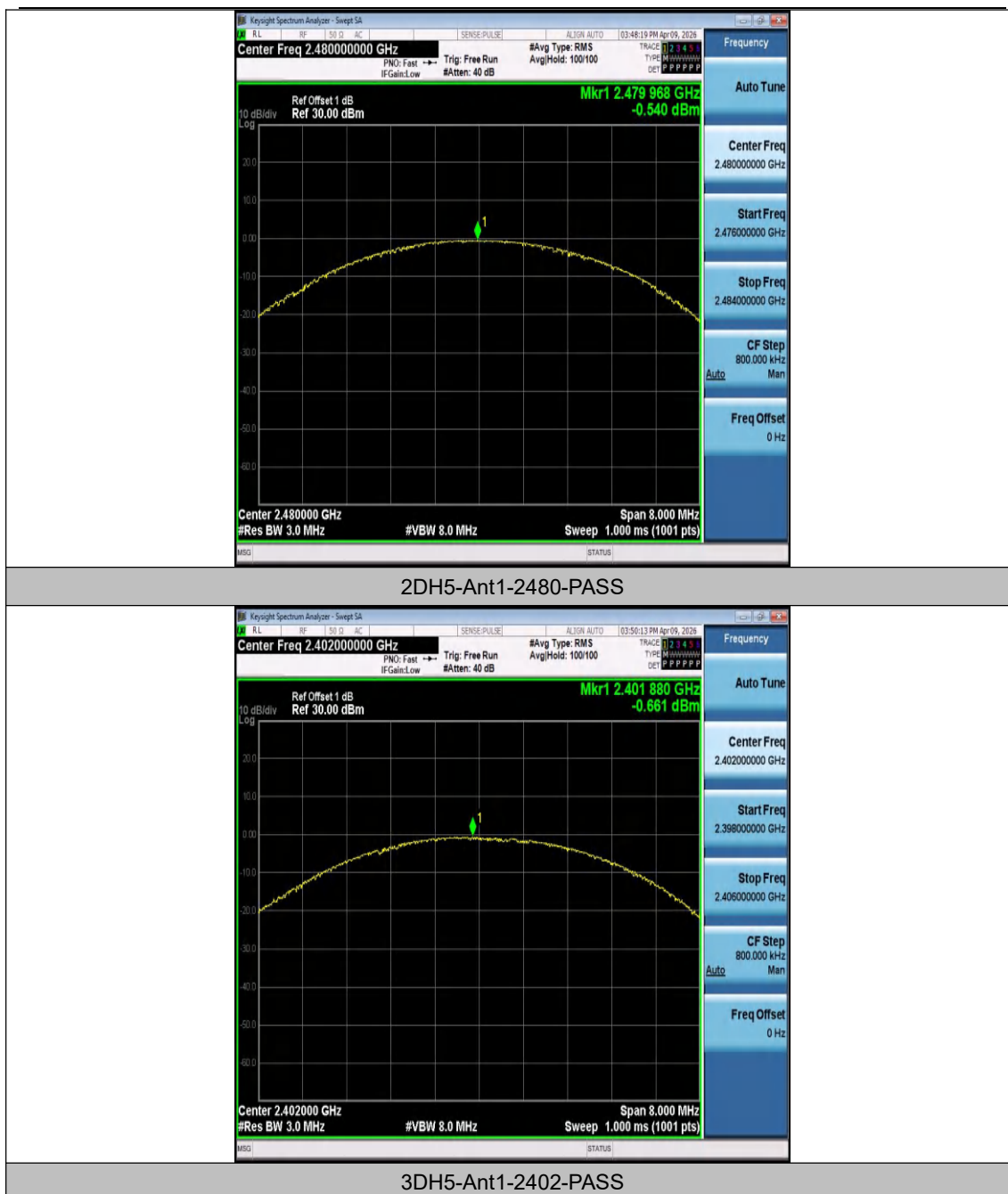
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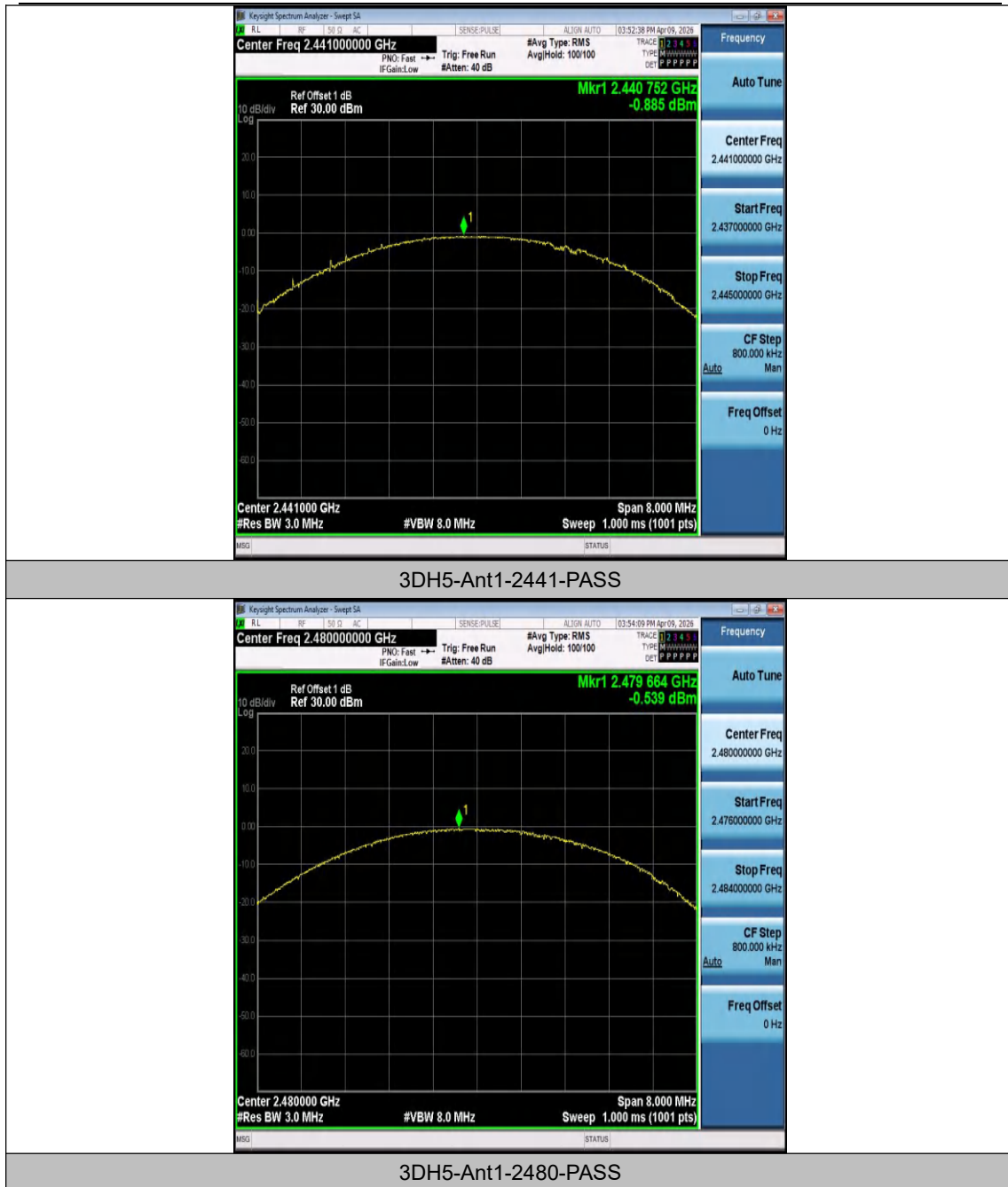
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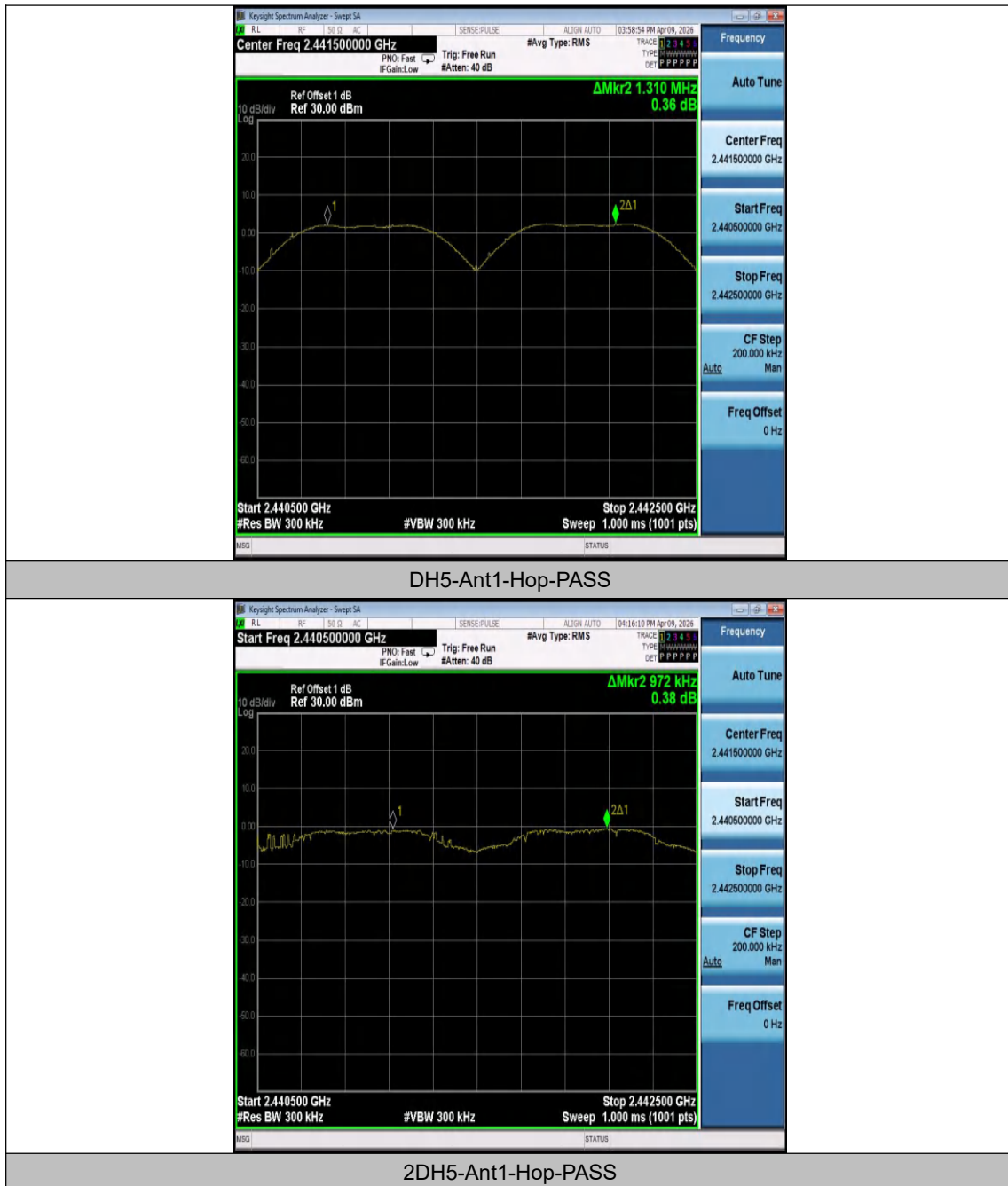
Appendix D: Carrier frequency separation

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.31	≥ 0.704	PASS
2DH5	Ant1	Hop	0.972	≥ 0.904	PASS
3DH5	Ant1	Hop	1.002	≥ 0.842	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.

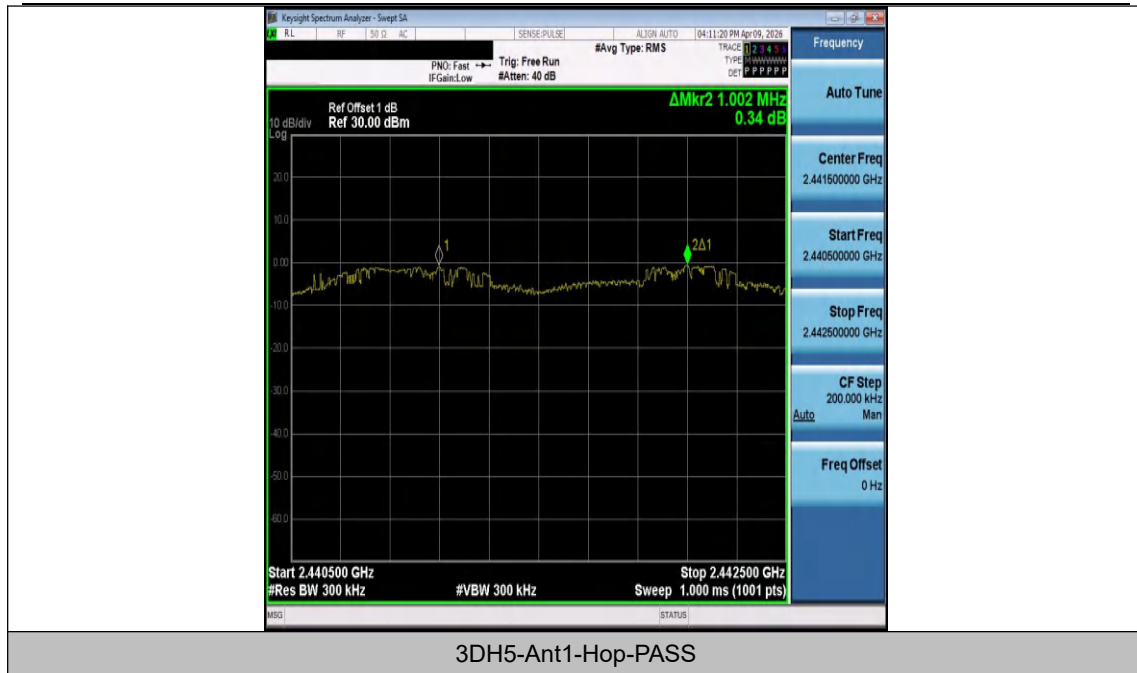
Test Graphs



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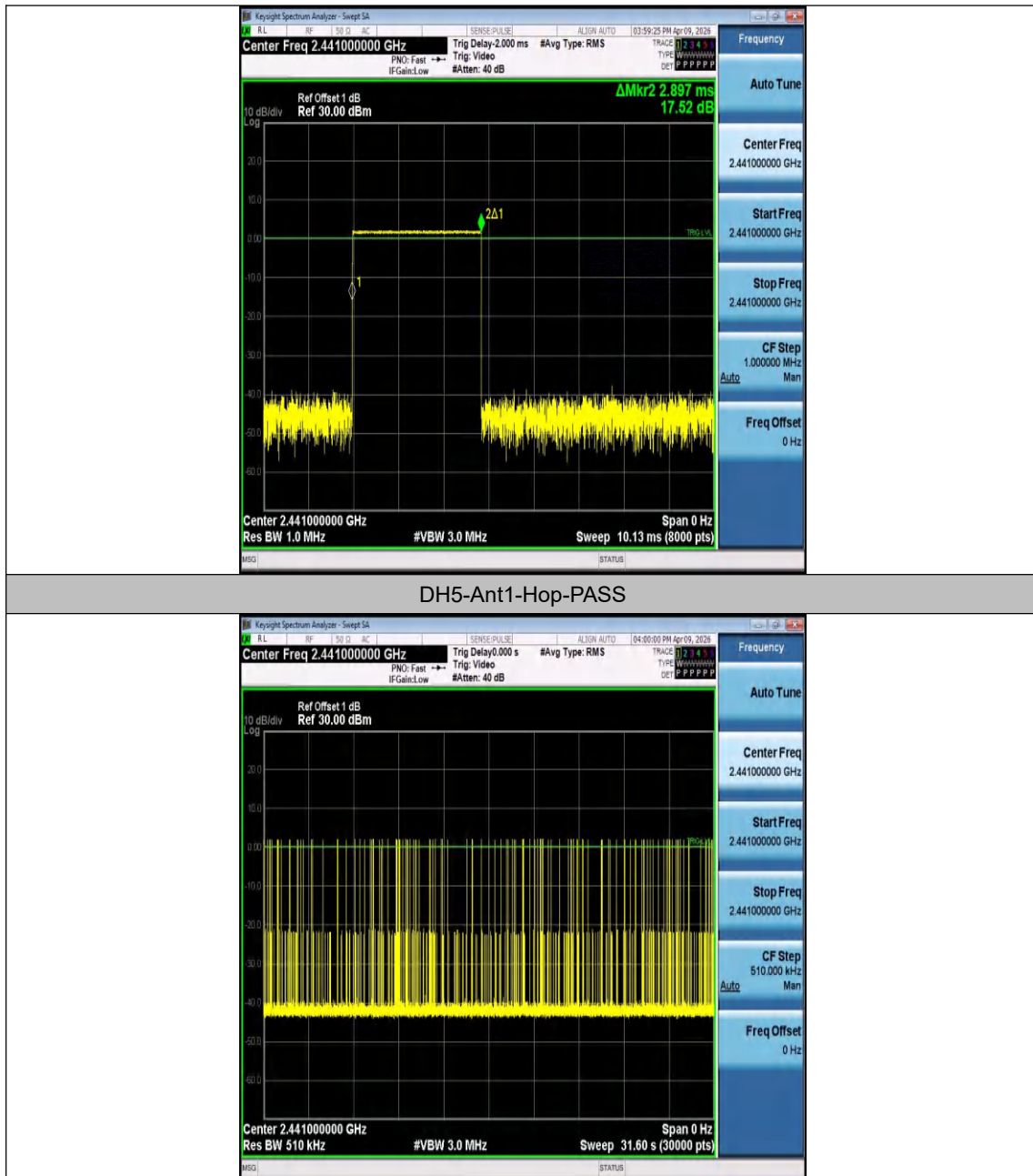
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Appendix E: Dwell Time

Test Result

Test Mode	Antenna	Frequency [MHz]	Burst Width [ms]	Total Hops [Num]	Result [s]	Limit [s]	Verdict
DH5	Ant1	Hop	2.897	113	0.327	≤0.4	PASS
2DH5	Ant1	Hop	2.903	104	0.302	≤0.4	PASS
3DH5	Ant1	Hop	2.904	104	0.302	≤0.4	PASS

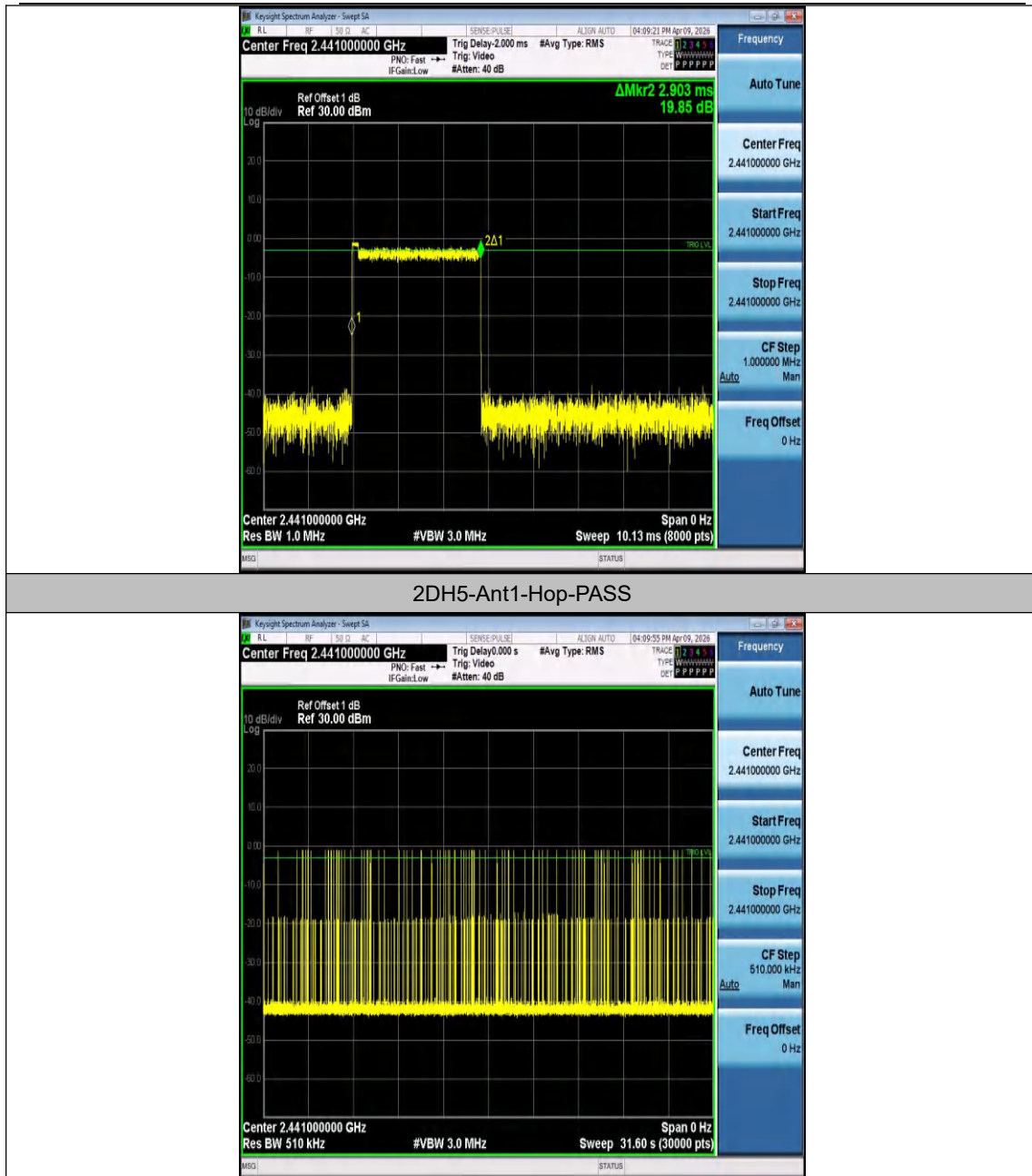
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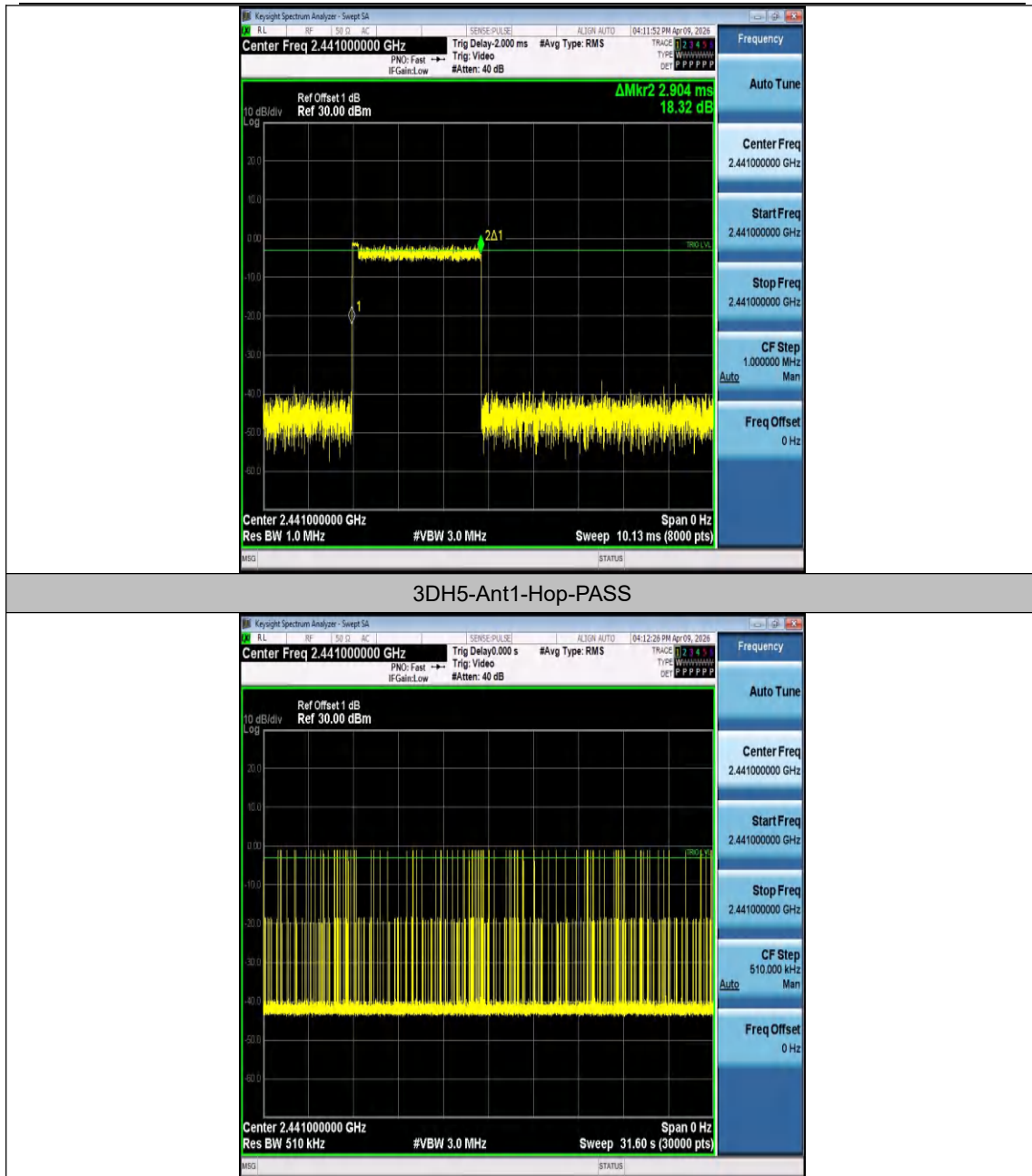
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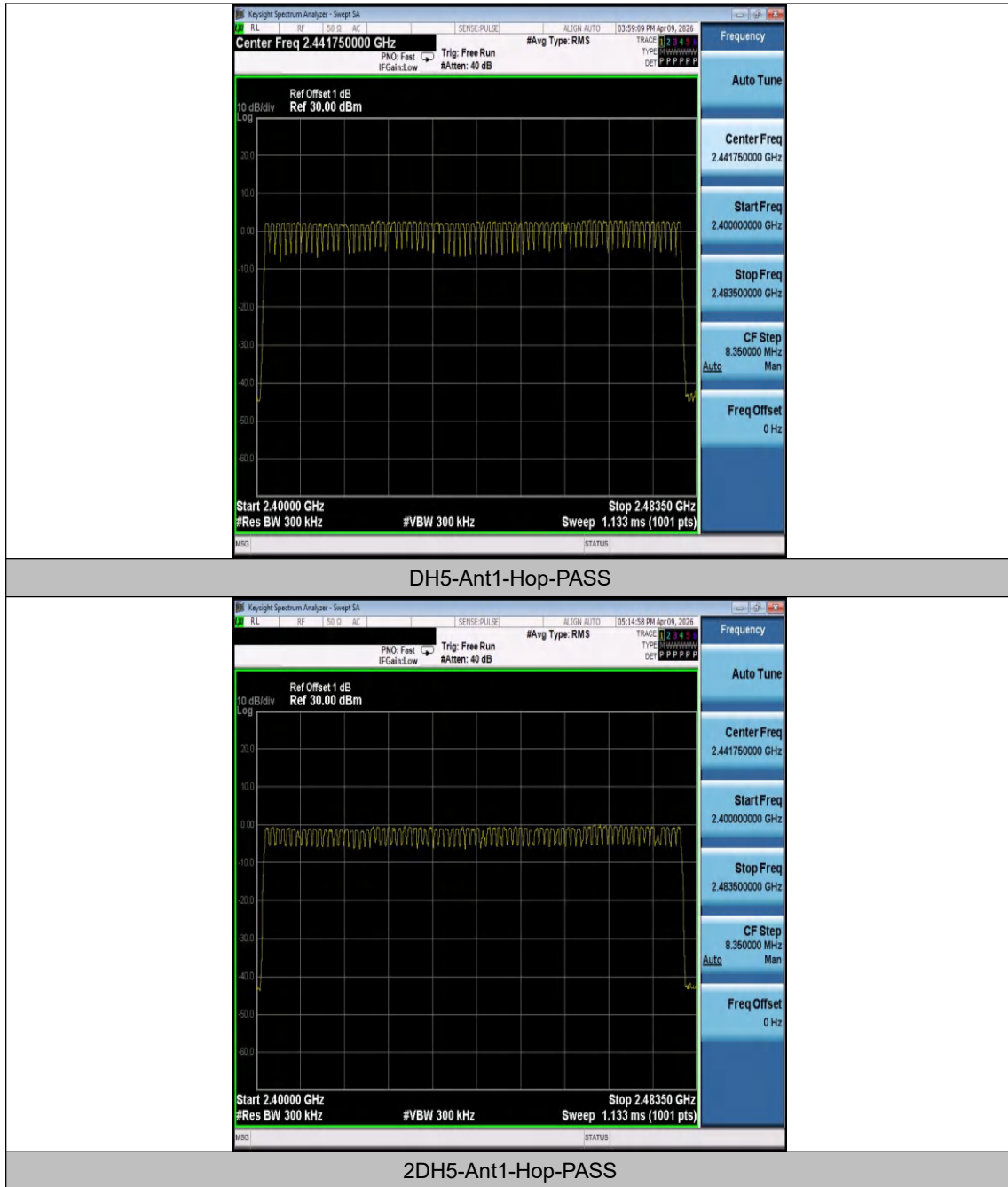
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Appendix F: Number of Hopping Channel

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

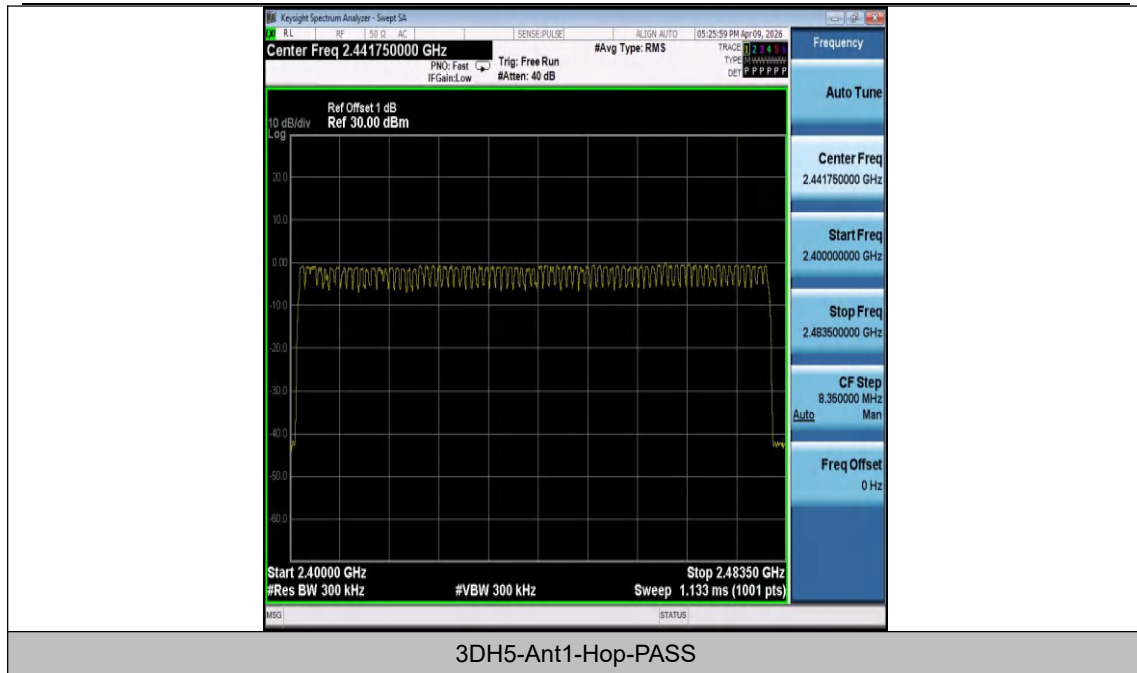
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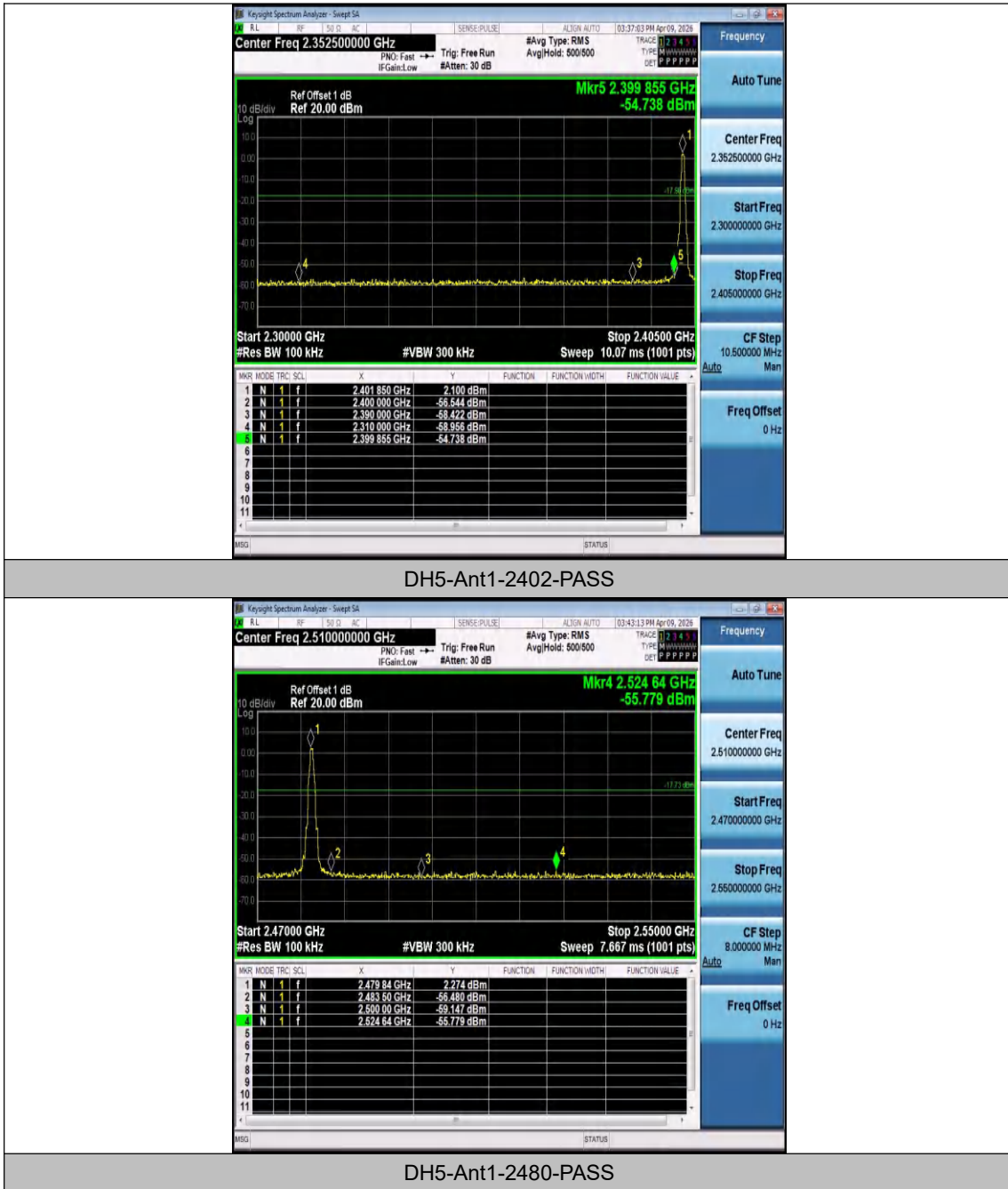
Appendix G: Conducted Band edge

Test Result

Test Mode	Antenna	Ch. Name	Frequency [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	2.10	-54.74	≤-17.9	PASS
DH5	Ant1	High	2480	2.27	-55.78	≤-17.73	PASS
DH5	Ant1	Low	Hop_2402	2.03	-54.83	≤-17.97	PASS
DH5	Ant1	High	Hop_2480	1.98	-55.9	≤-18.02	PASS
2DH5	Ant1	Low	2402	-1.31	-56.41	≤-21.31	PASS
2DH5	Ant1	High	2480	-0.85	-56.07	≤-20.85	PASS
2DH5	Ant1	Low	Hop_2402	-7.52	-56.72	≤-27.52	PASS
2DH5	Ant1	High	Hop_2480	-3.11	-56.1	≤-23.11	PASS
3DH5	Ant1	Low	2402	-1.14	-53.73	≤-21.14	PASS
3DH5	Ant1	High	2480	-0.95	-55.85	≤-20.95	PASS
3DH5	Ant1	Low	Hop_2402	-4.33	-56.12	≤-24.33	PASS
3DH5	Ant1	High	Hop_2480	-1.75	-55.69	≤-21.75	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.

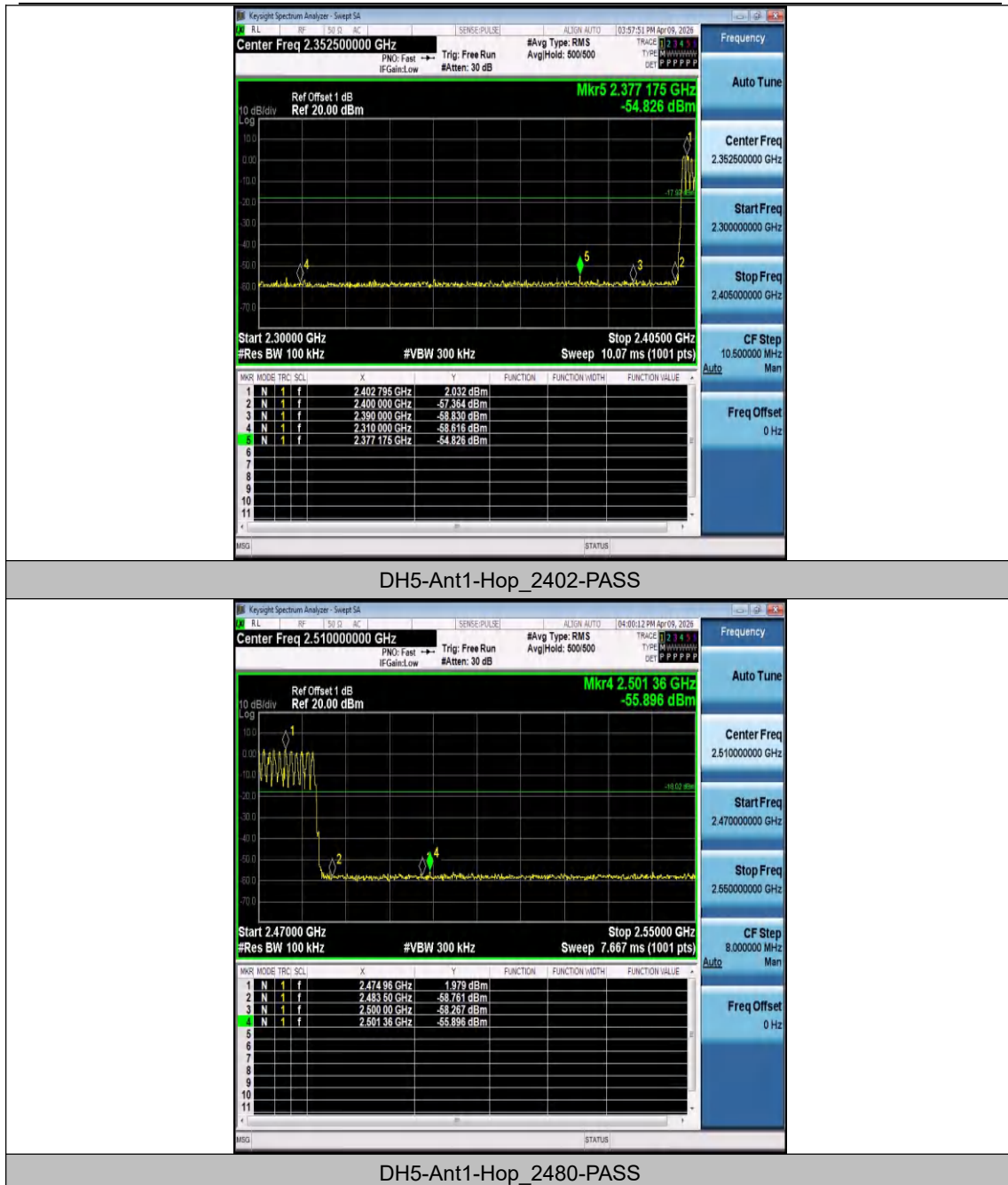
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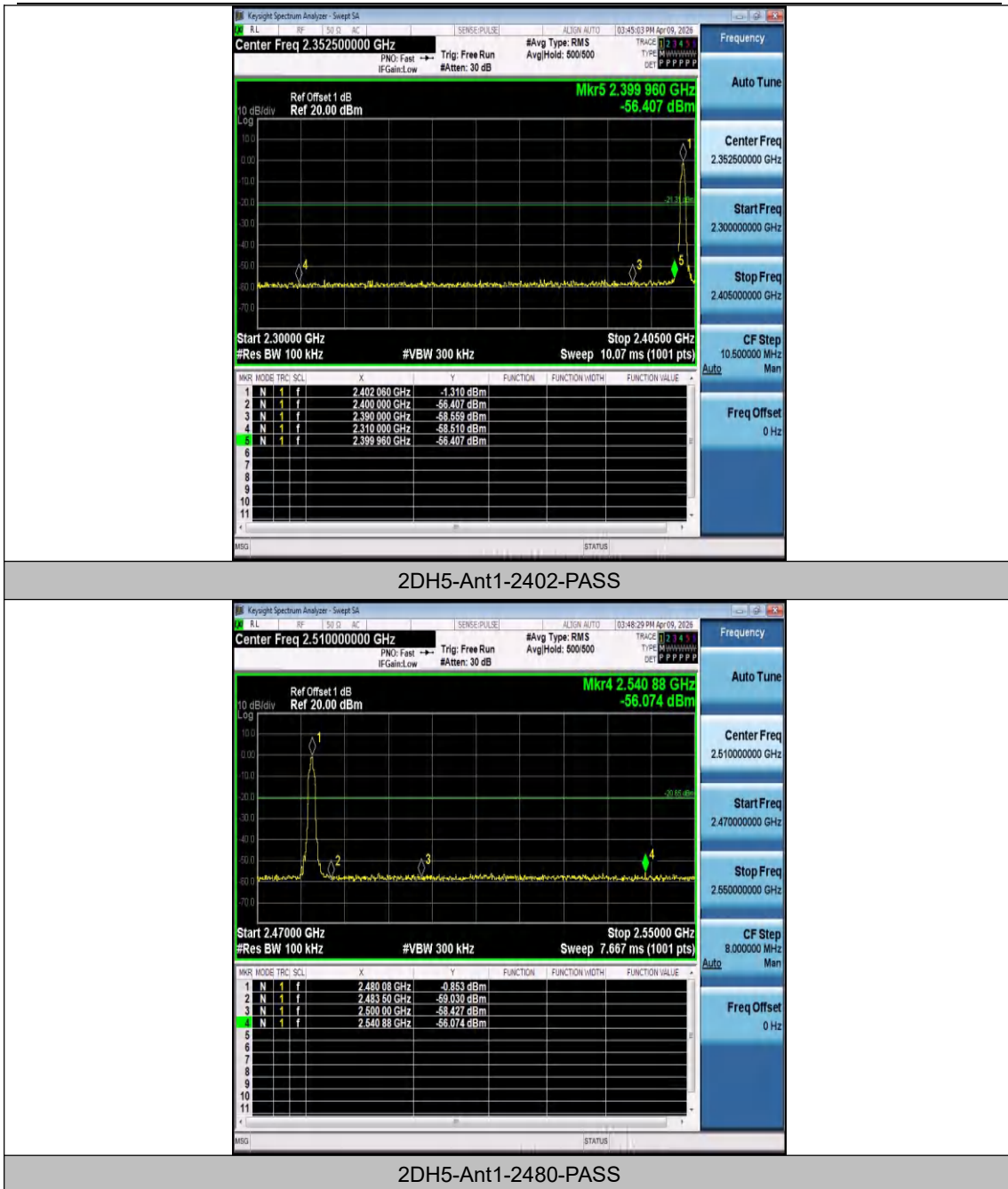
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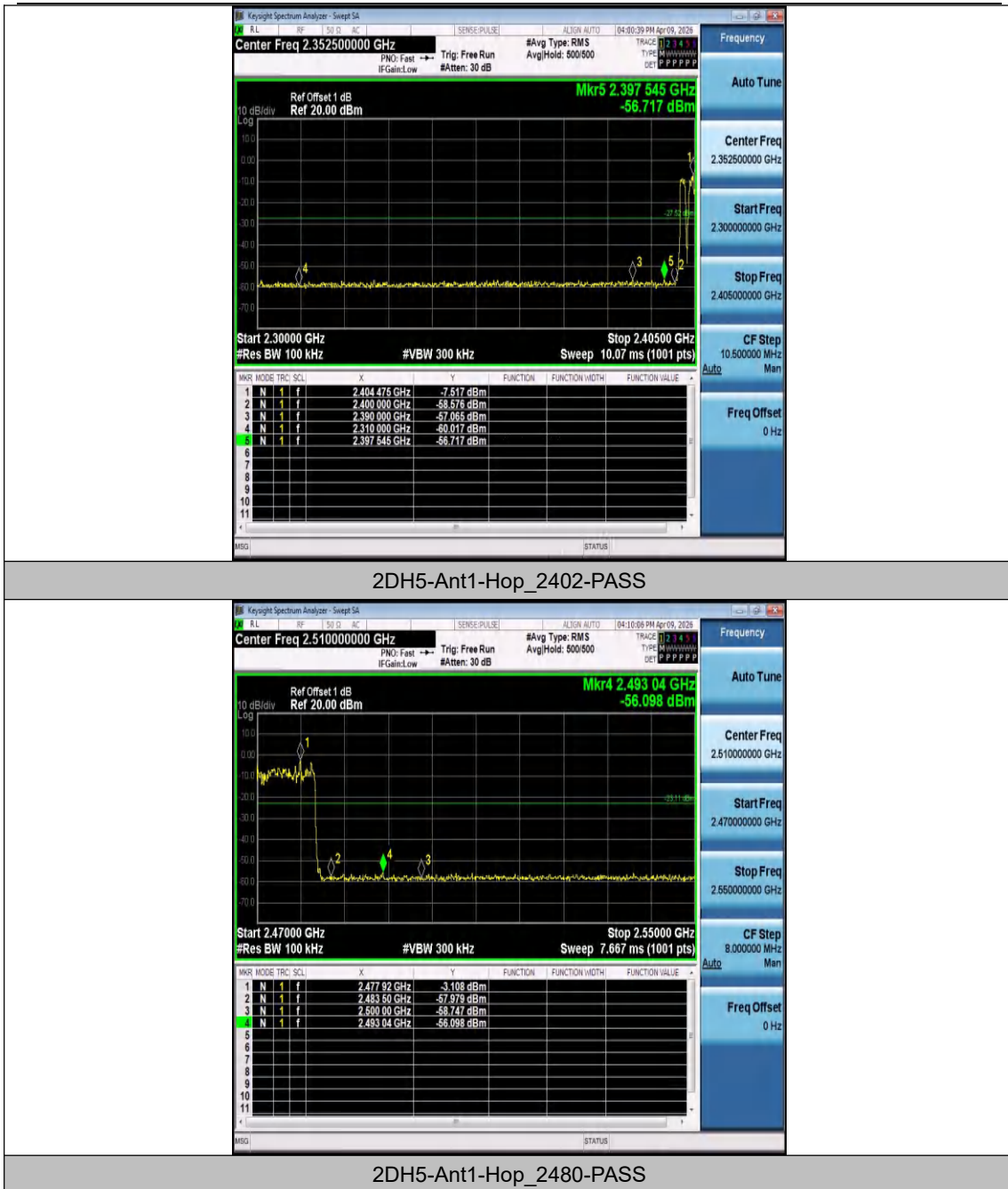


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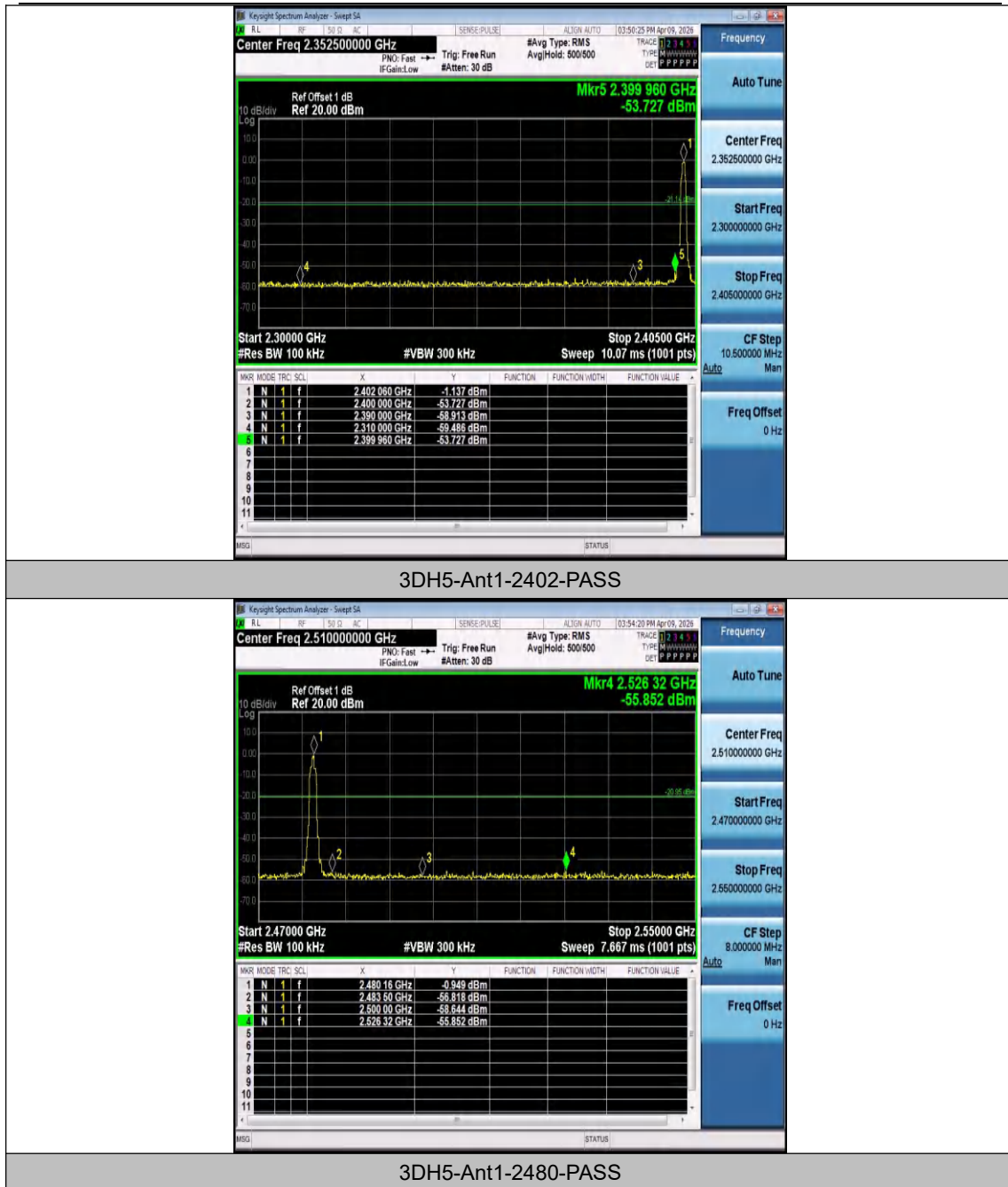




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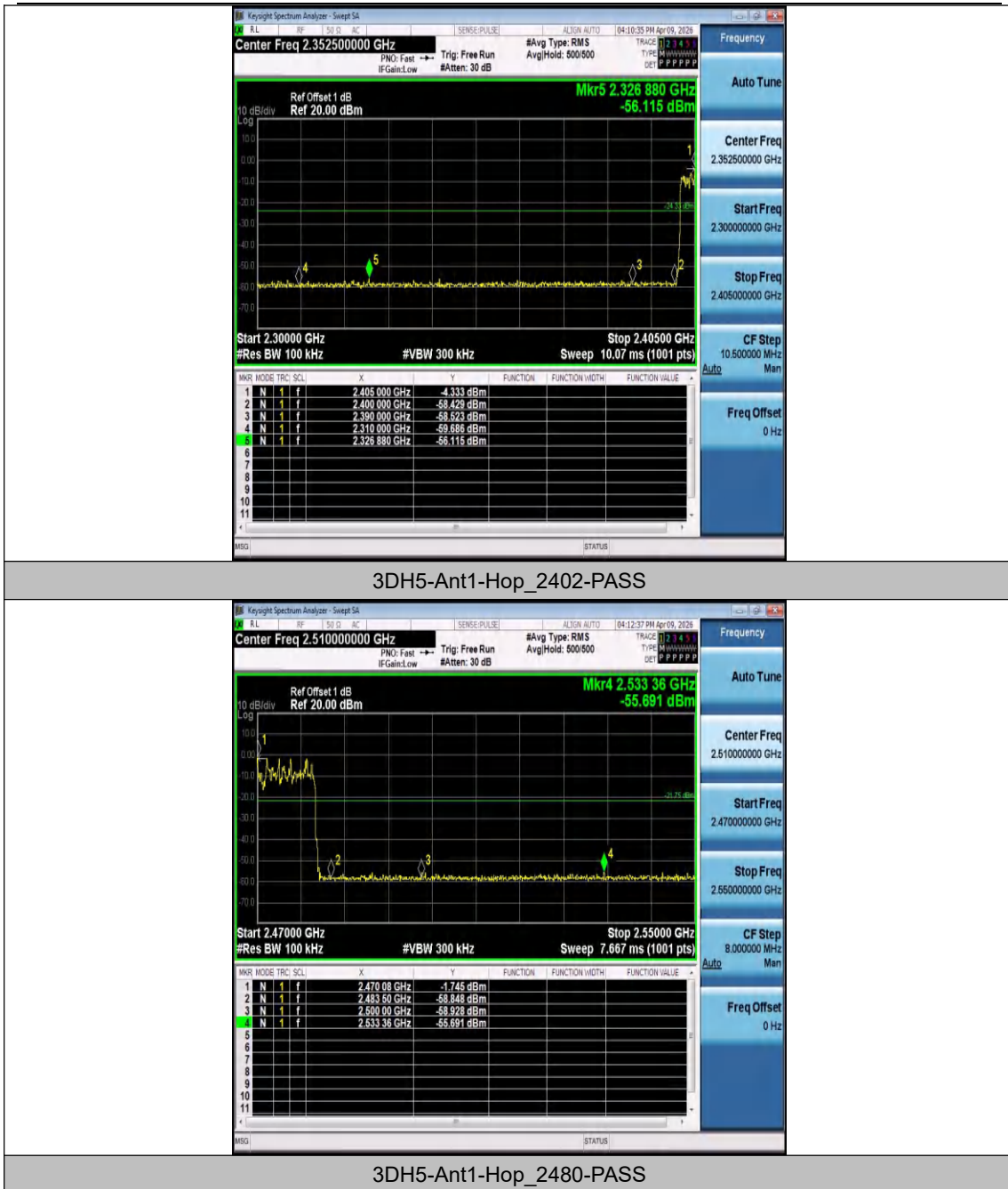
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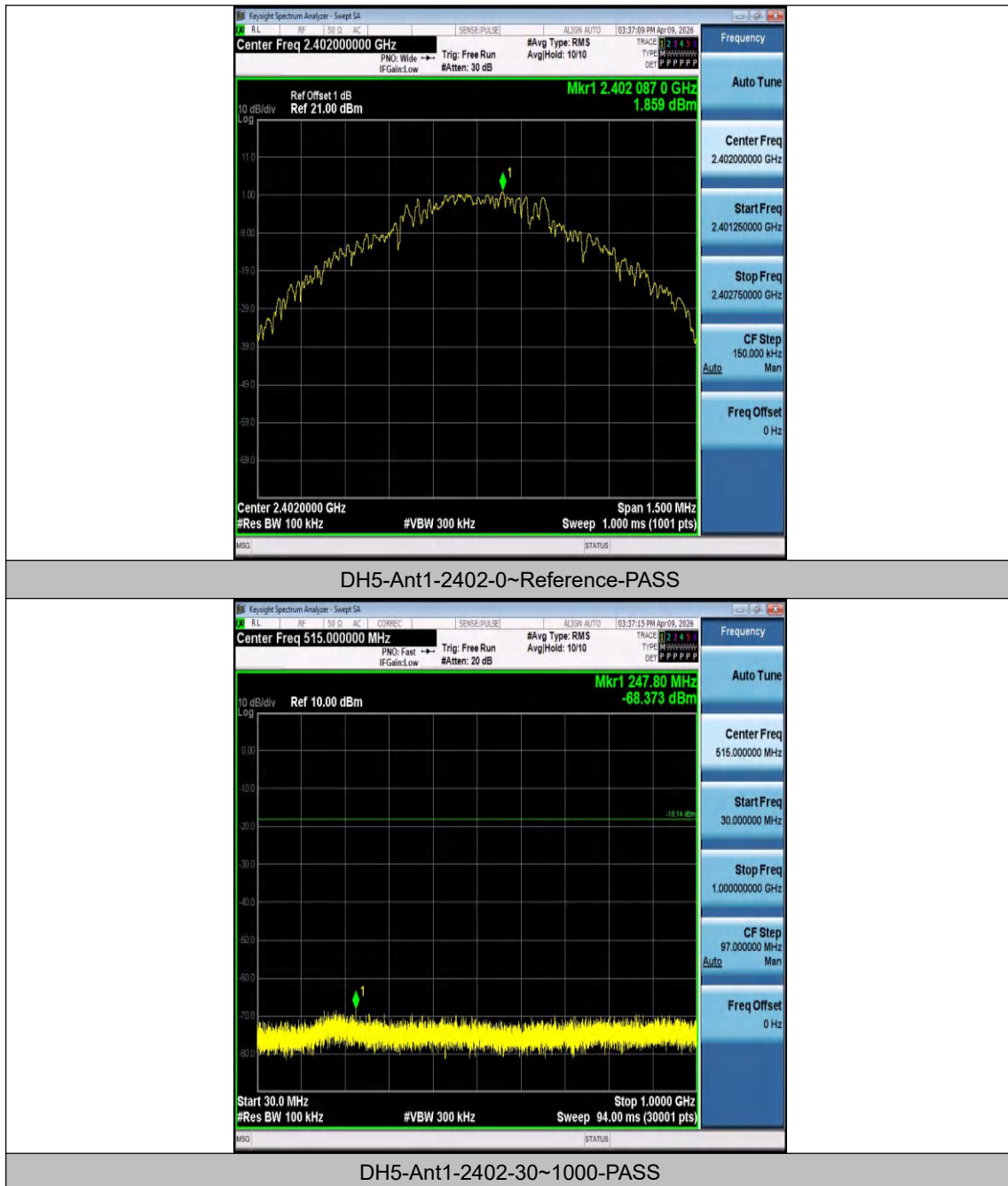
Appendix H: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency[MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	0~Reference	1.86	1.86	---	PASS
DH5	Ant1	2402	30~1000	1.86	-68.37	≤-18.14	PASS
DH5	Ant1	2402	1000~26500	1.86	-23.31	≤-18.14	PASS
DH5	Ant1	2441	0~Reference	1.78	1.78	---	PASS
DH5	Ant1	2441	30~1000	1.78	-67.8	≤-18.22	PASS
DH5	Ant1	2441	1000~26500	1.78	-22.47	≤-18.22	PASS
DH5	Ant1	2480	0~Reference	1.27	1.27	---	PASS
DH5	Ant1	2480	30~1000	1.27	-68.19	≤-18.73	PASS
DH5	Ant1	2480	1000~26500	1.27	-23.96	≤-18.73	PASS
2DH5	Ant1	2402	0~Reference	-2.27	-2.27	---	PASS
2DH5	Ant1	2402	30~1000	-2.27	-68.1	≤-22.27	PASS
2DH5	Ant1	2402	1000~26500	-2.27	-35.39	≤-22.27	PASS
2DH5	Ant1	2441	0~Reference	-1.83	-1.83	---	PASS
2DH5	Ant1	2441	30~1000	-1.83	-68.23	≤-21.83	PASS
2DH5	Ant1	2441	1000~26500	-1.83	-30.27	≤-21.83	PASS
2DH5	Ant1	2480	0~Reference	-7.10	-7.10	---	PASS
2DH5	Ant1	2480	30~1000	-7.10	-68.36	≤-27.1	PASS
2DH5	Ant1	2480	1000~26500	-7.10	-32.6	≤-27.1	PASS
3DH5	Ant1	2402	0~Reference	-1.19	-1.19	---	PASS
3DH5	Ant1	2402	30~1000	-1.19	-68	≤-21.19	PASS
3DH5	Ant1	2402	1000~26500	-1.19	-35.52	≤-21.19	PASS
3DH5	Ant1	2441	0~Reference	-1.31	-1.31	---	PASS
3DH5	Ant1	2441	30~1000	-1.31	-67.81	≤-21.31	PASS
3DH5	Ant1	2441	1000~26500	-1.31	-35.27	≤-21.31	PASS
3DH5	Ant1	2480	0~Reference	-1.87	-1.87	---	PASS
3DH5	Ant1	2480	30~1000	-1.87	-68.54	≤-21.87	PASS
3DH5	Ant1	2480	1000~26500	-1.87	-31.39	≤-21.87	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.

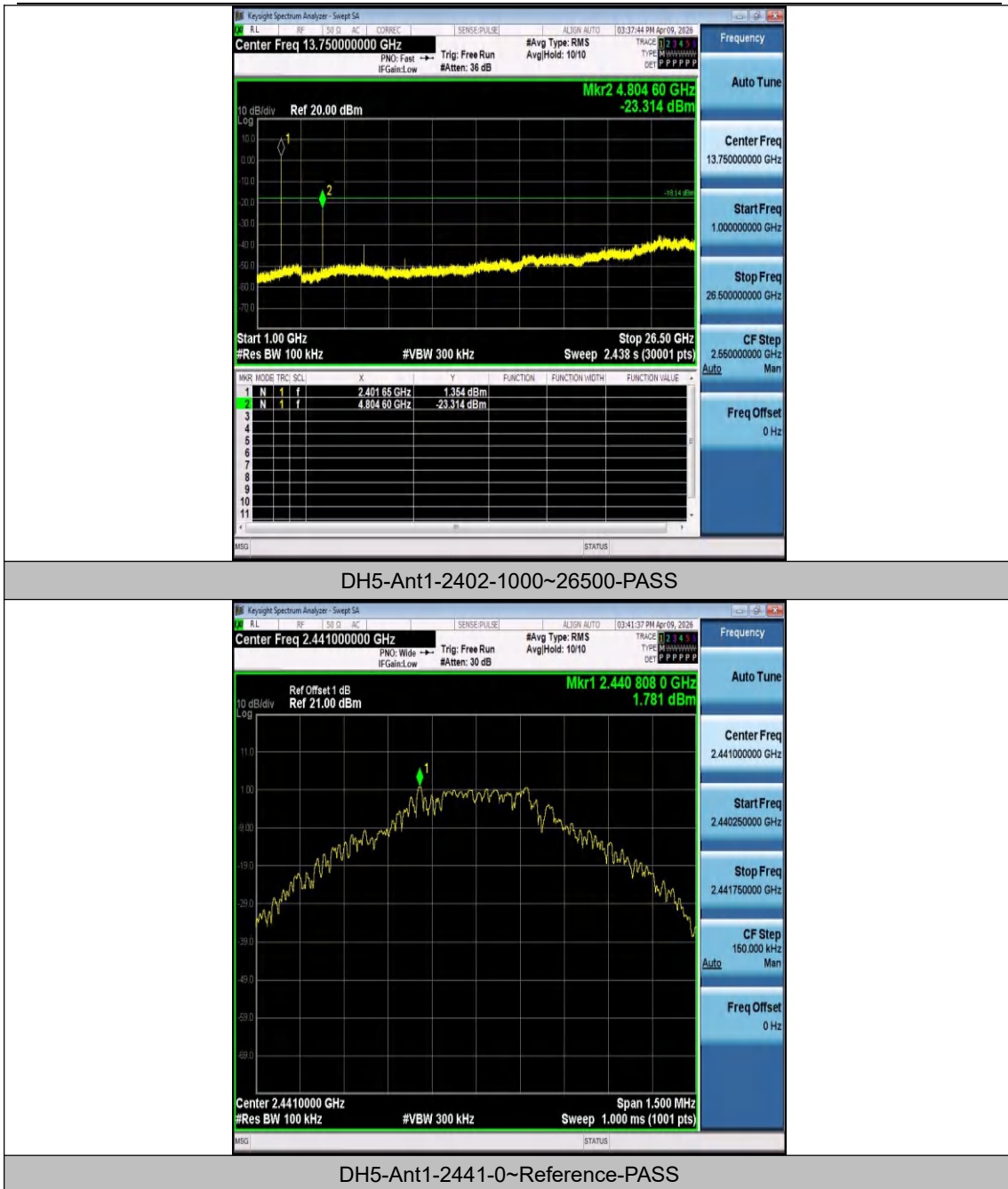
Test Graphs



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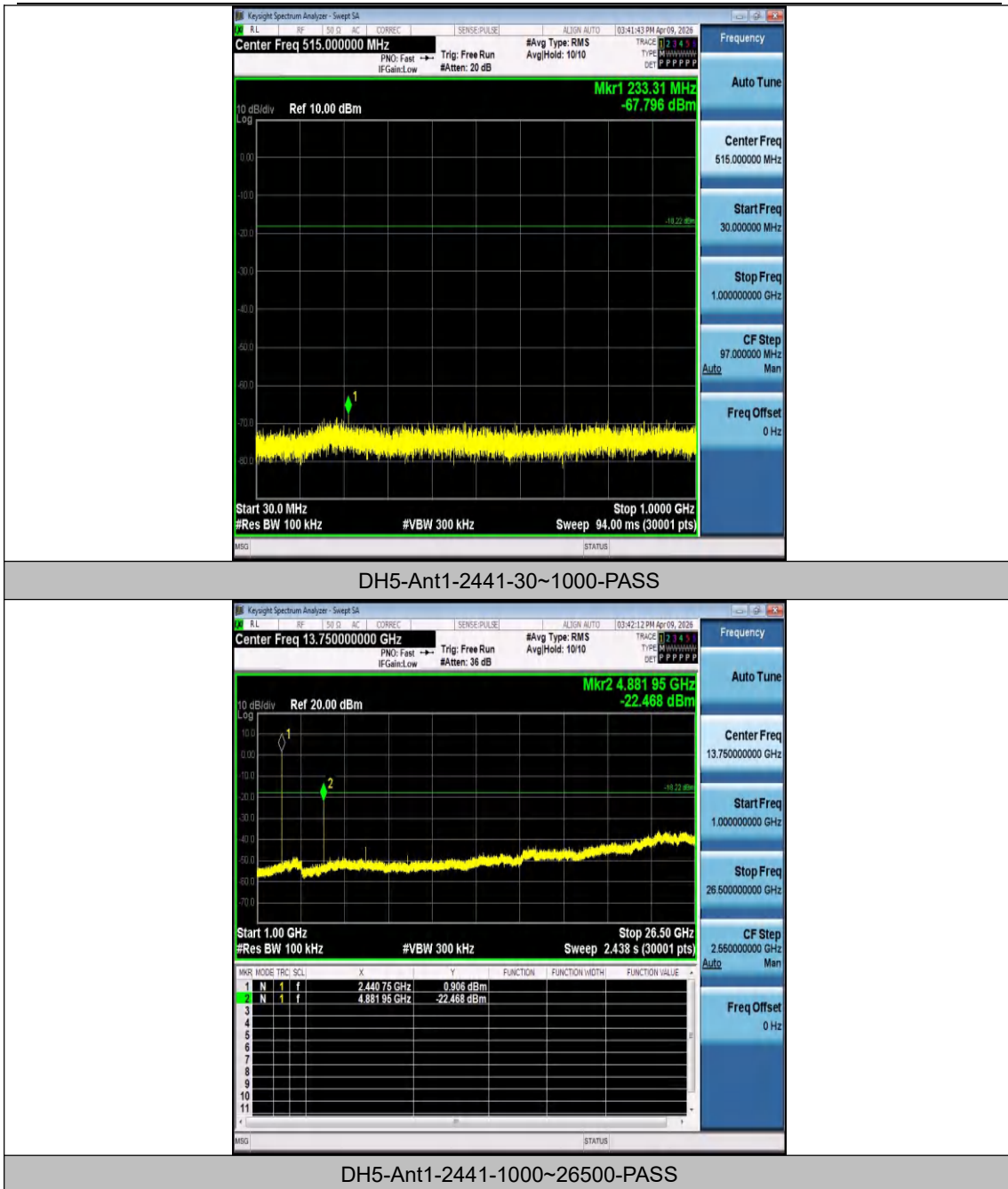
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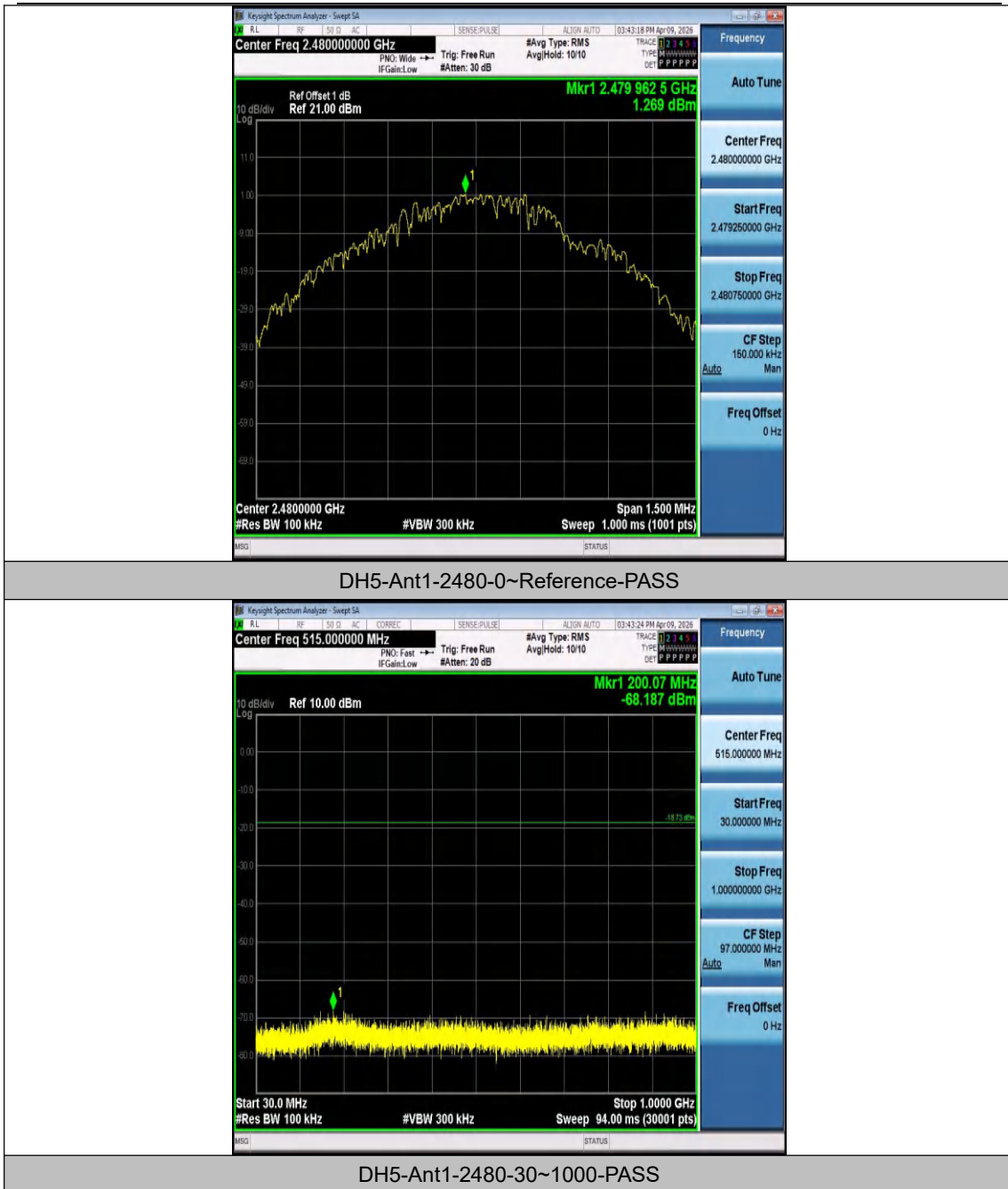
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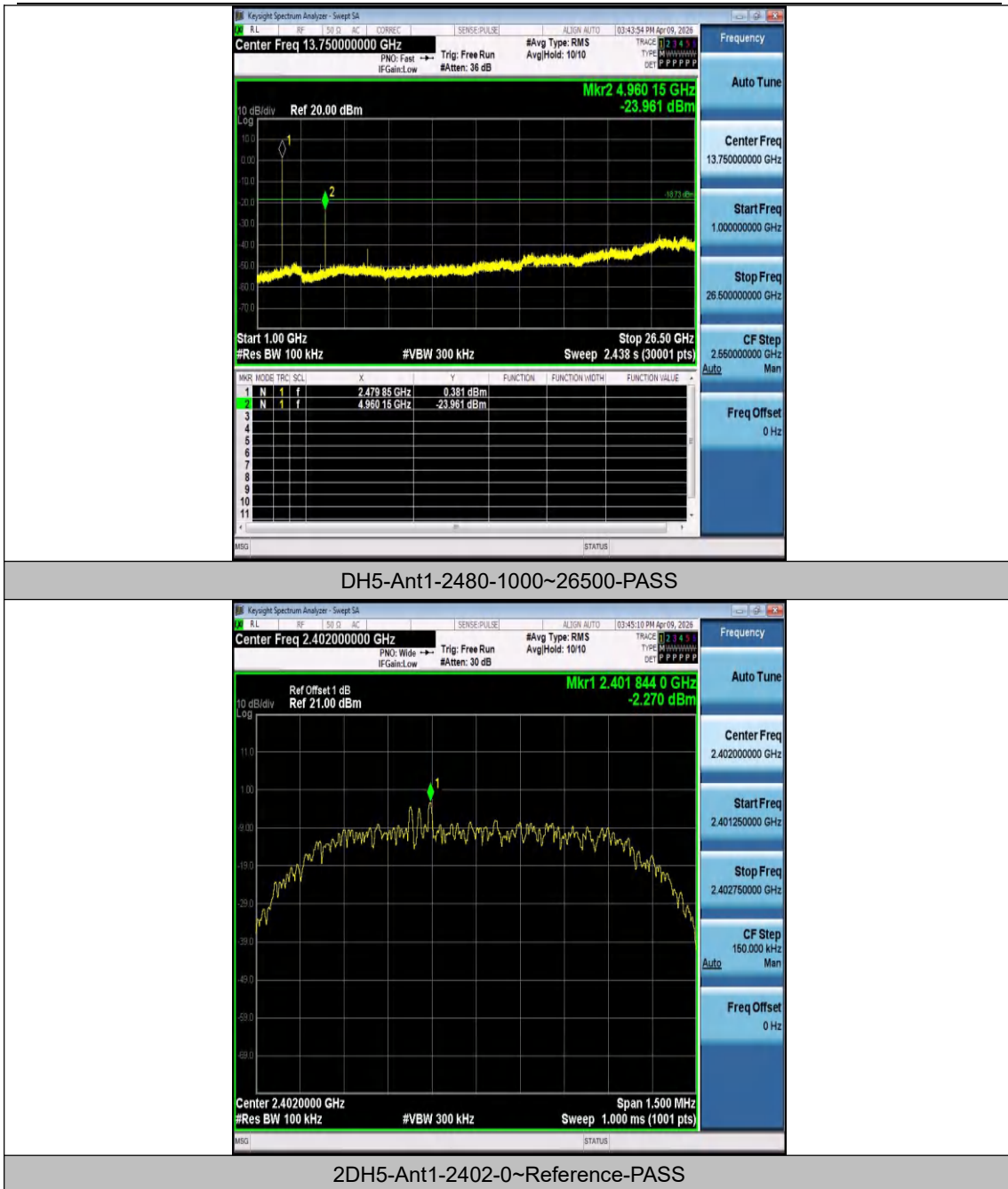
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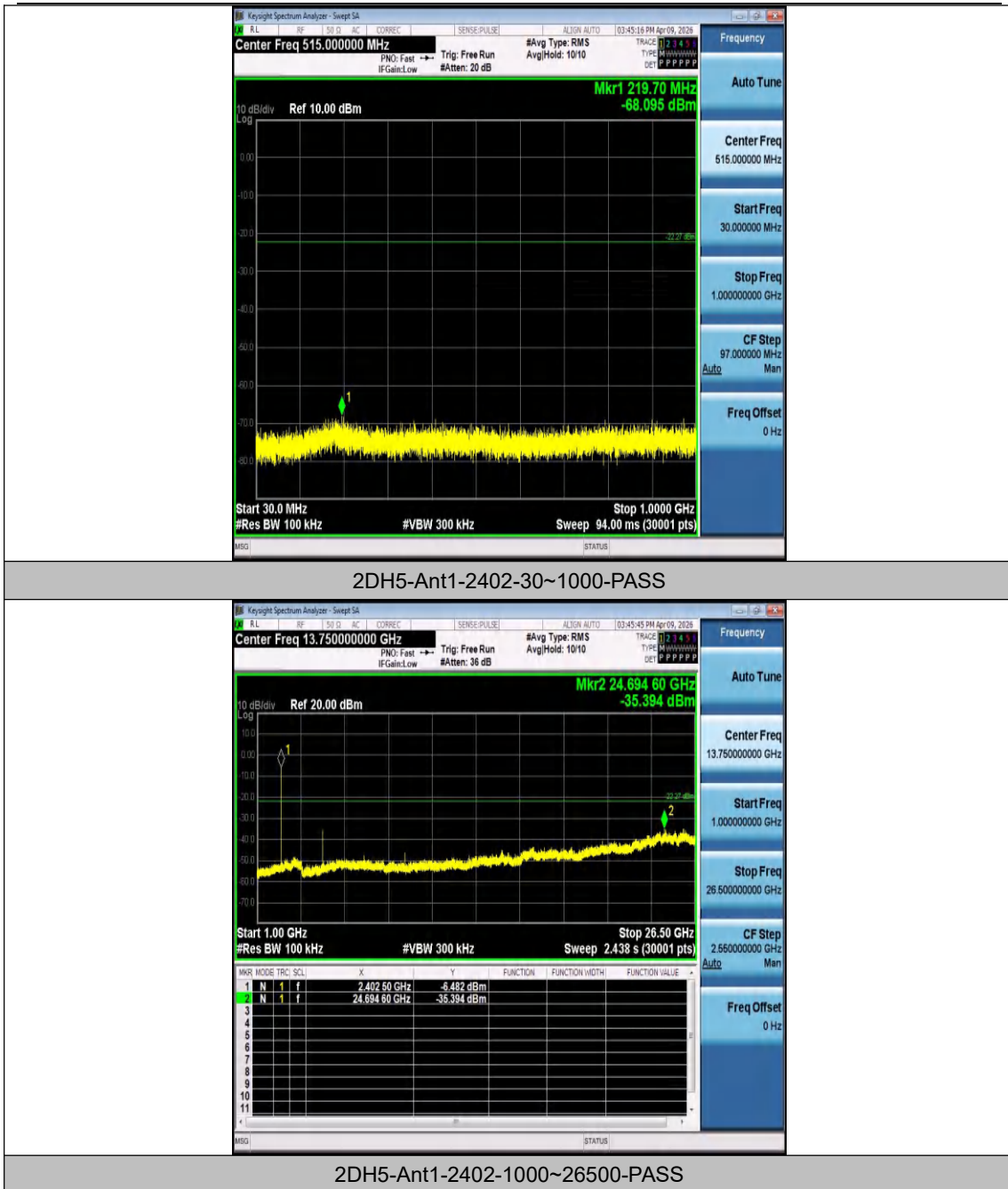
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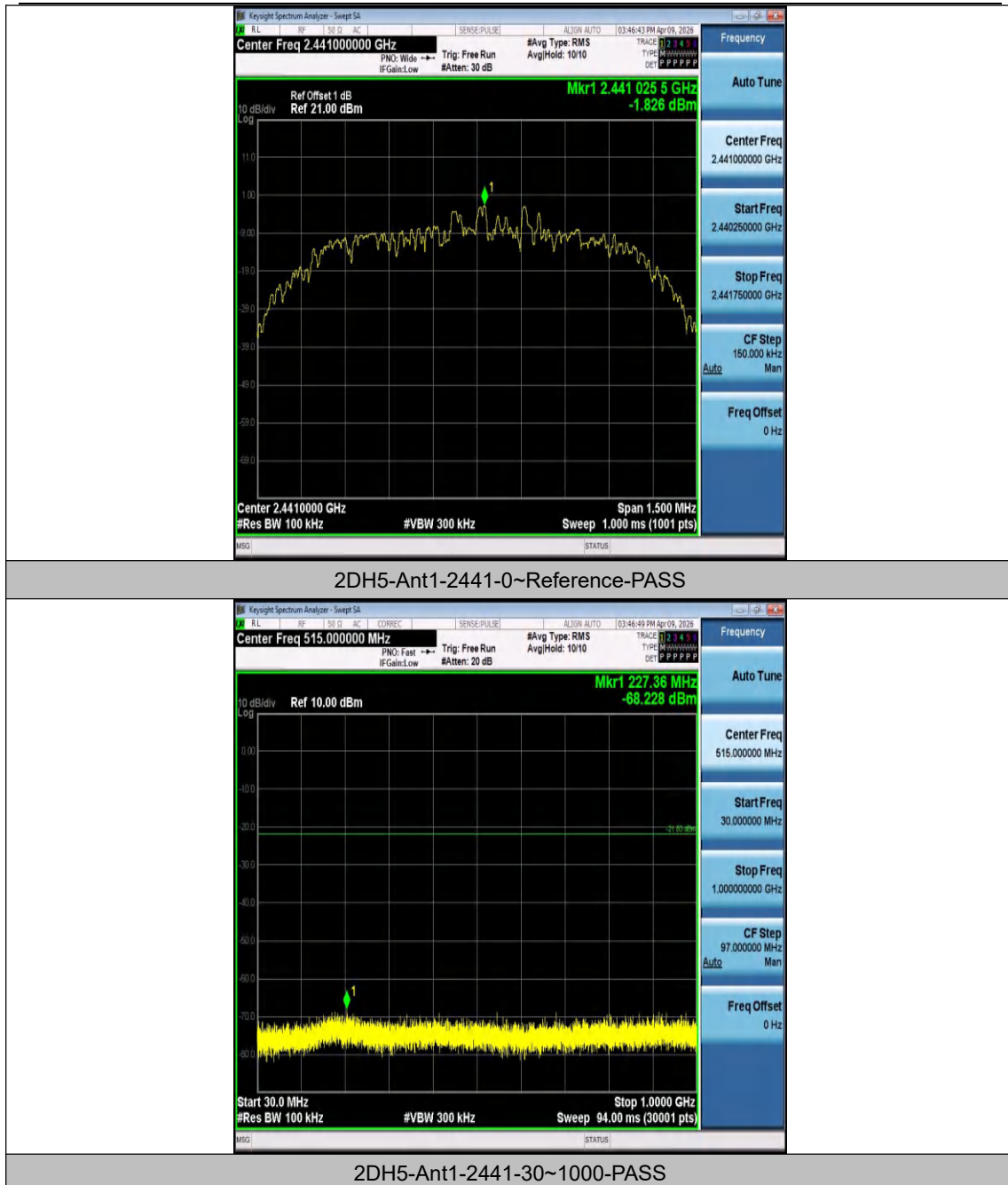
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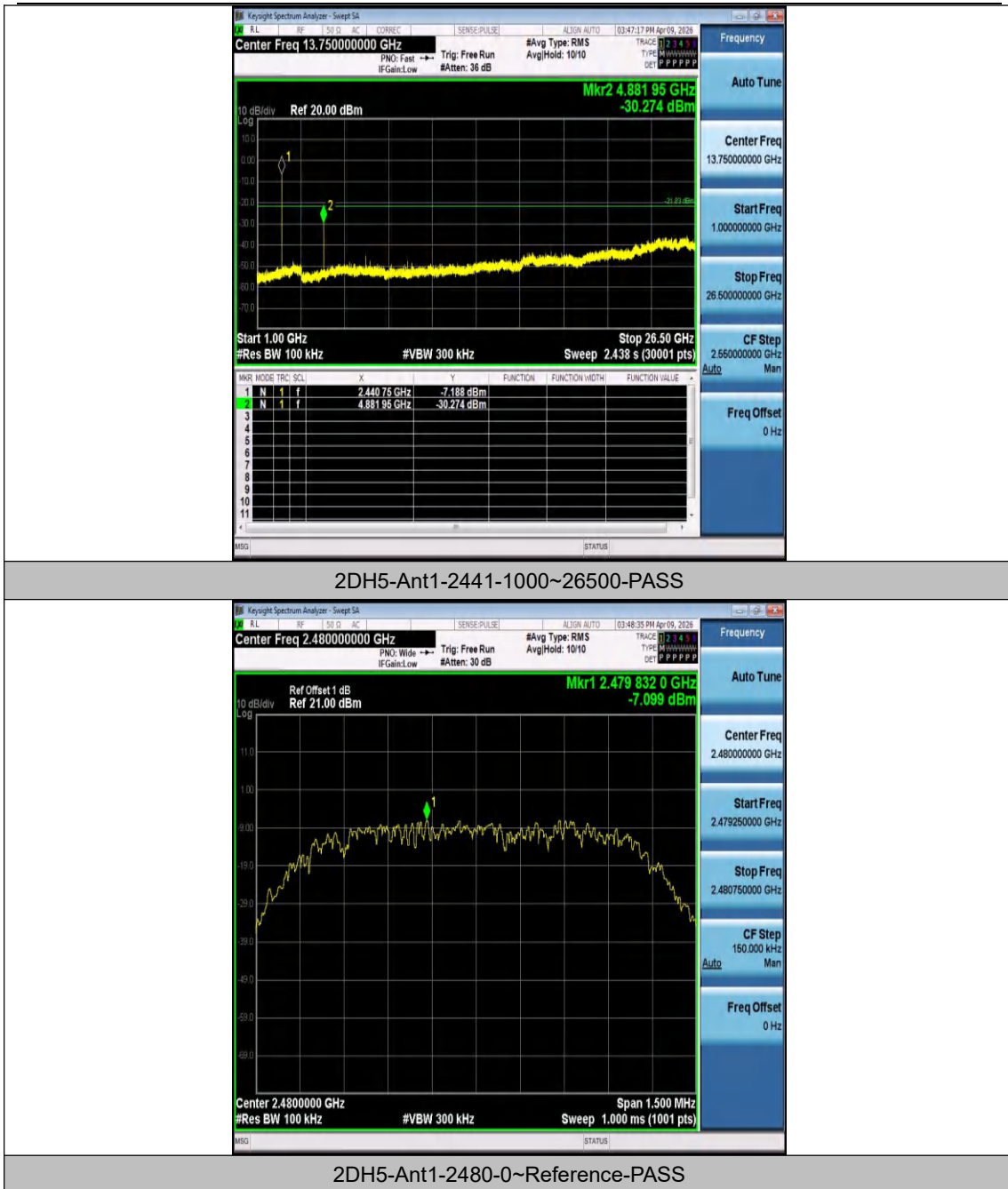
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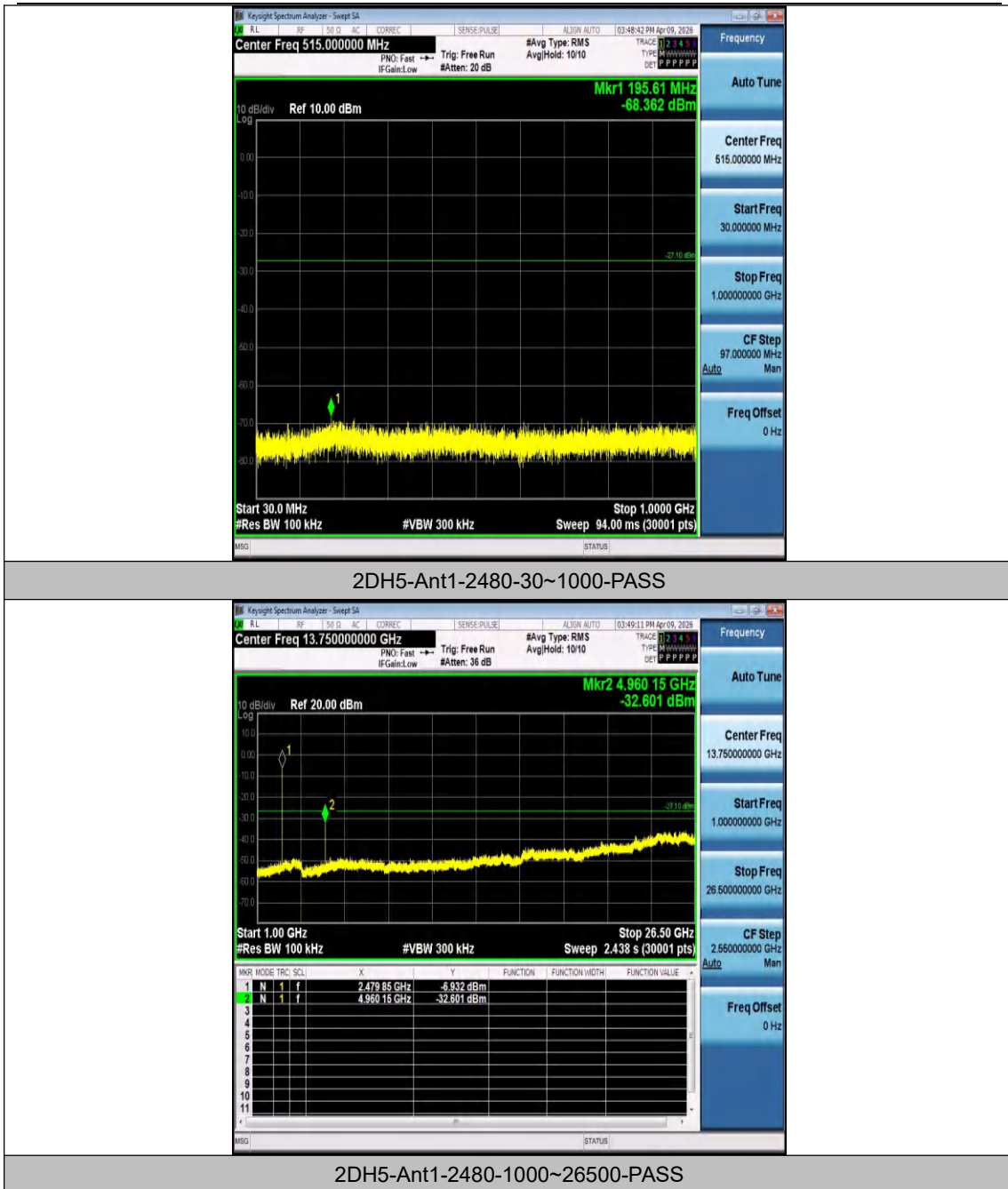
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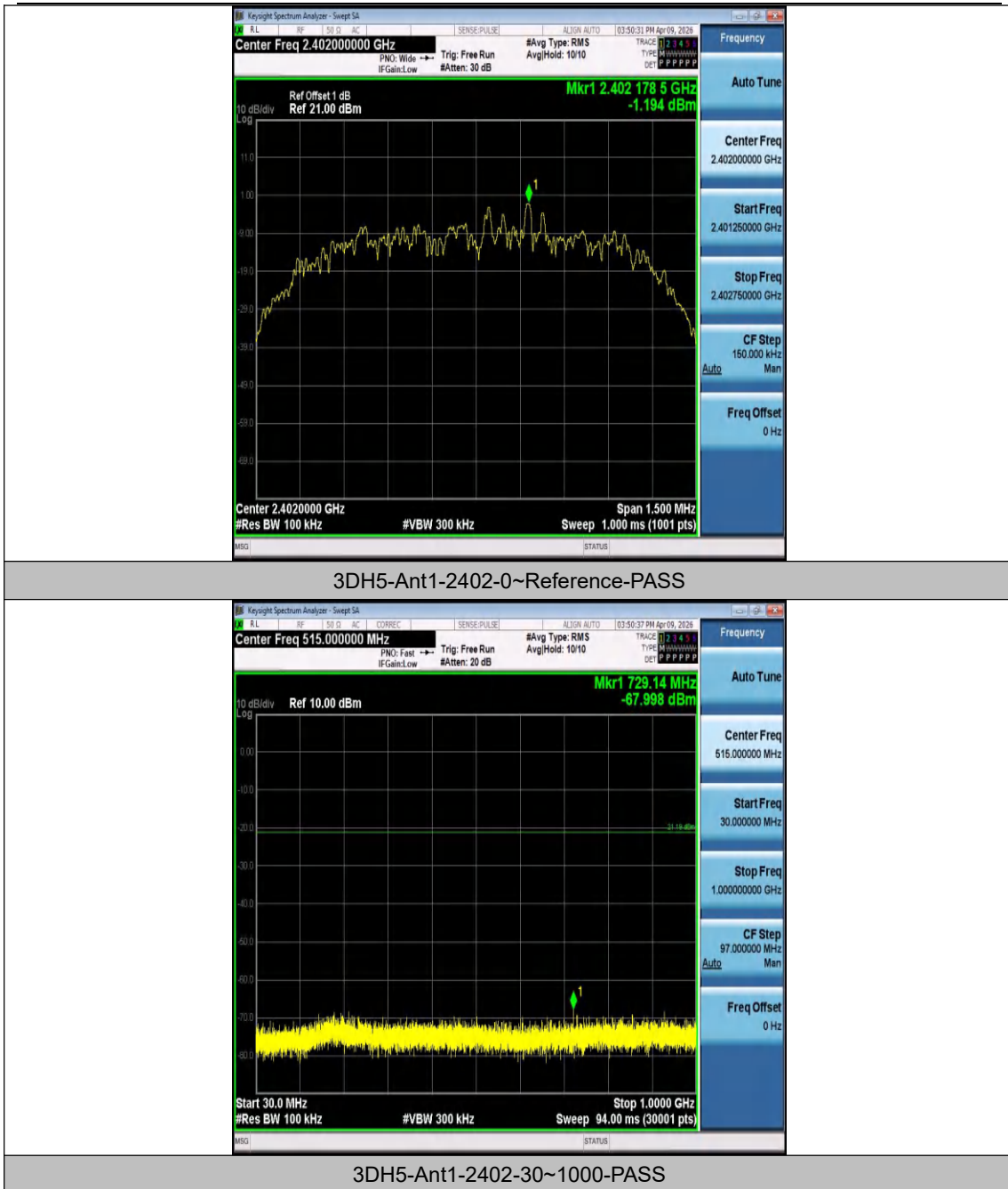
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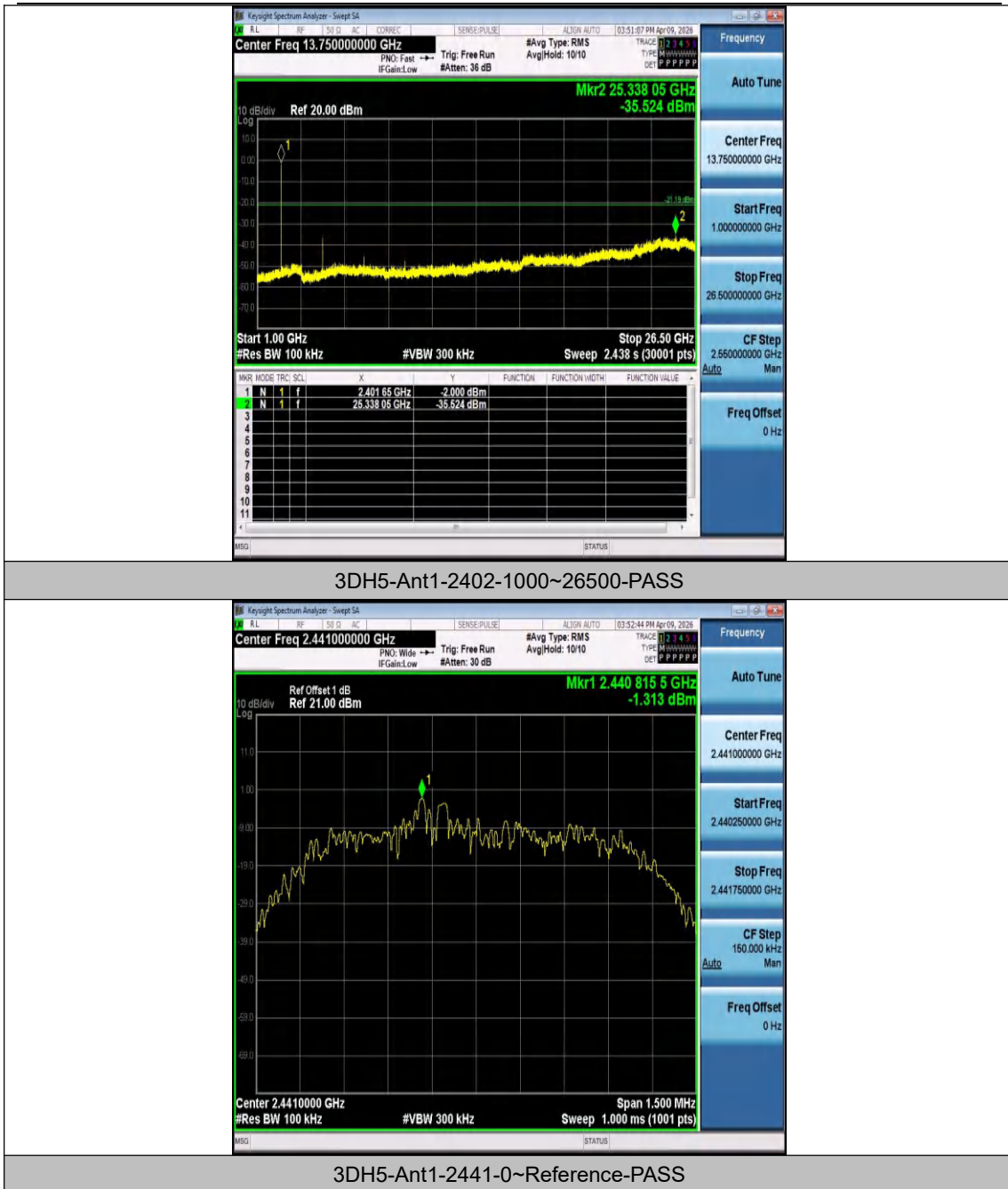
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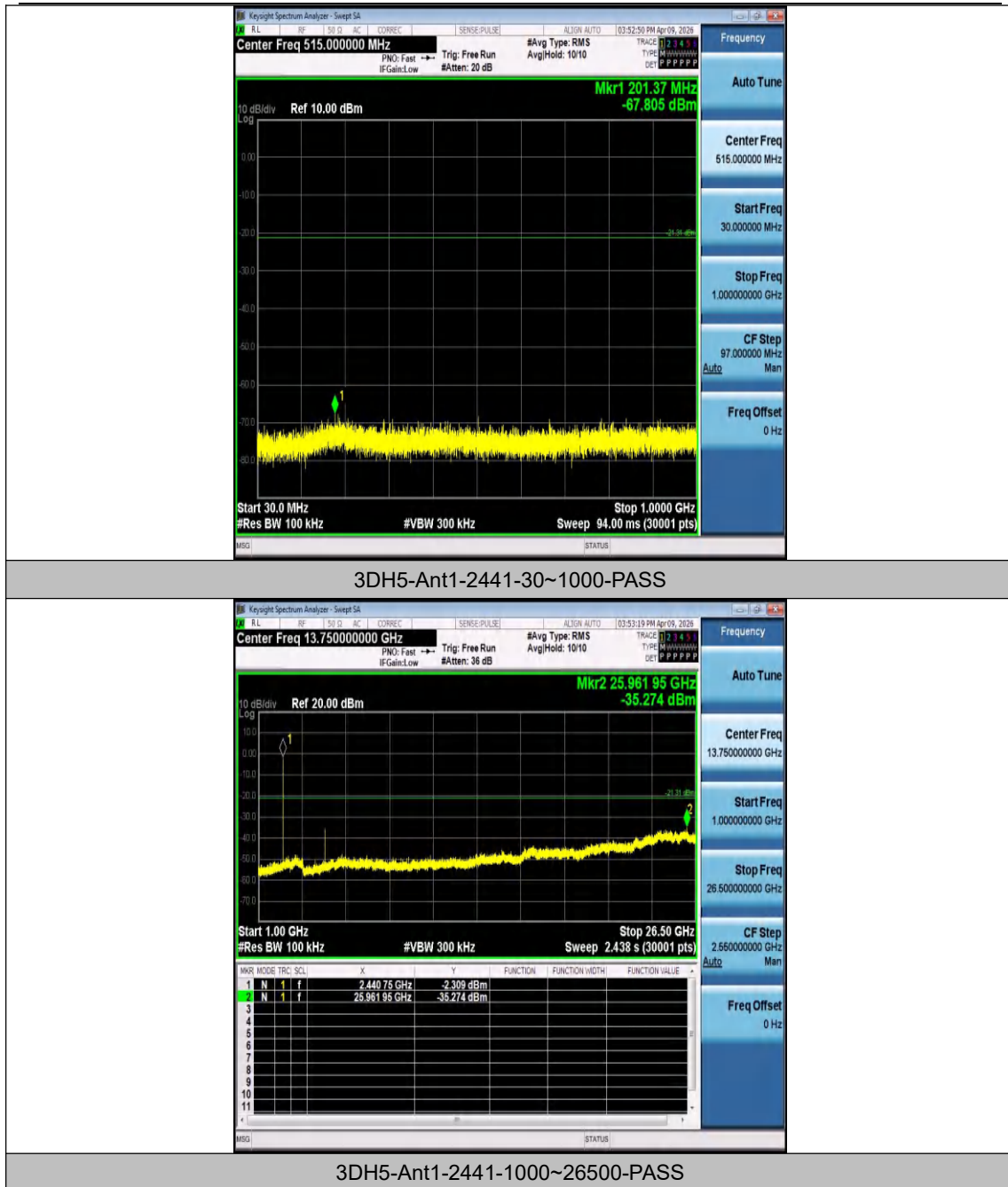
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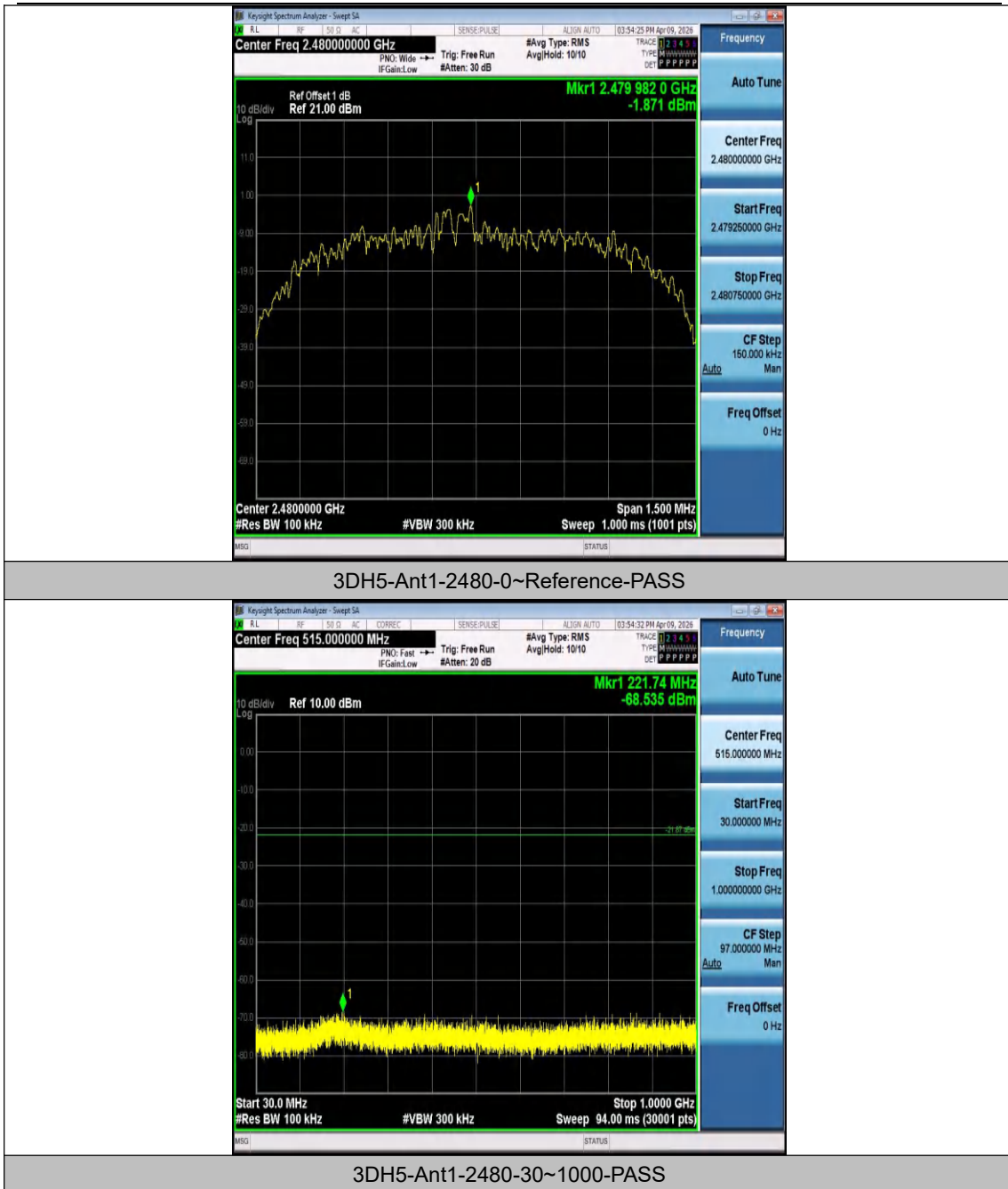
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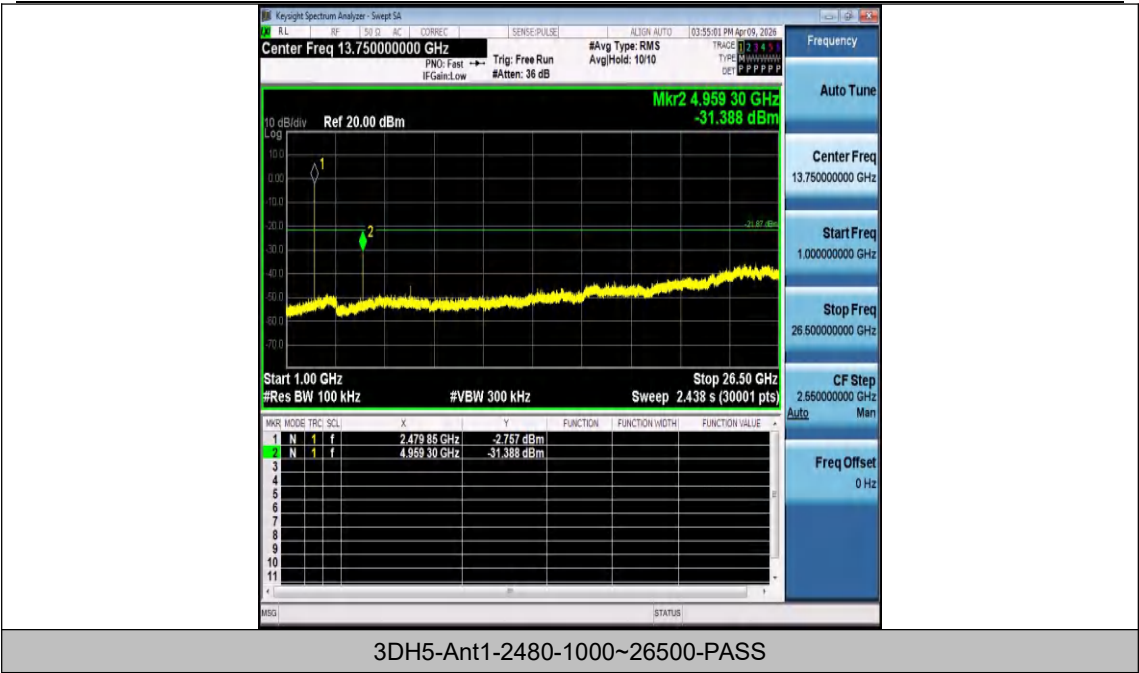
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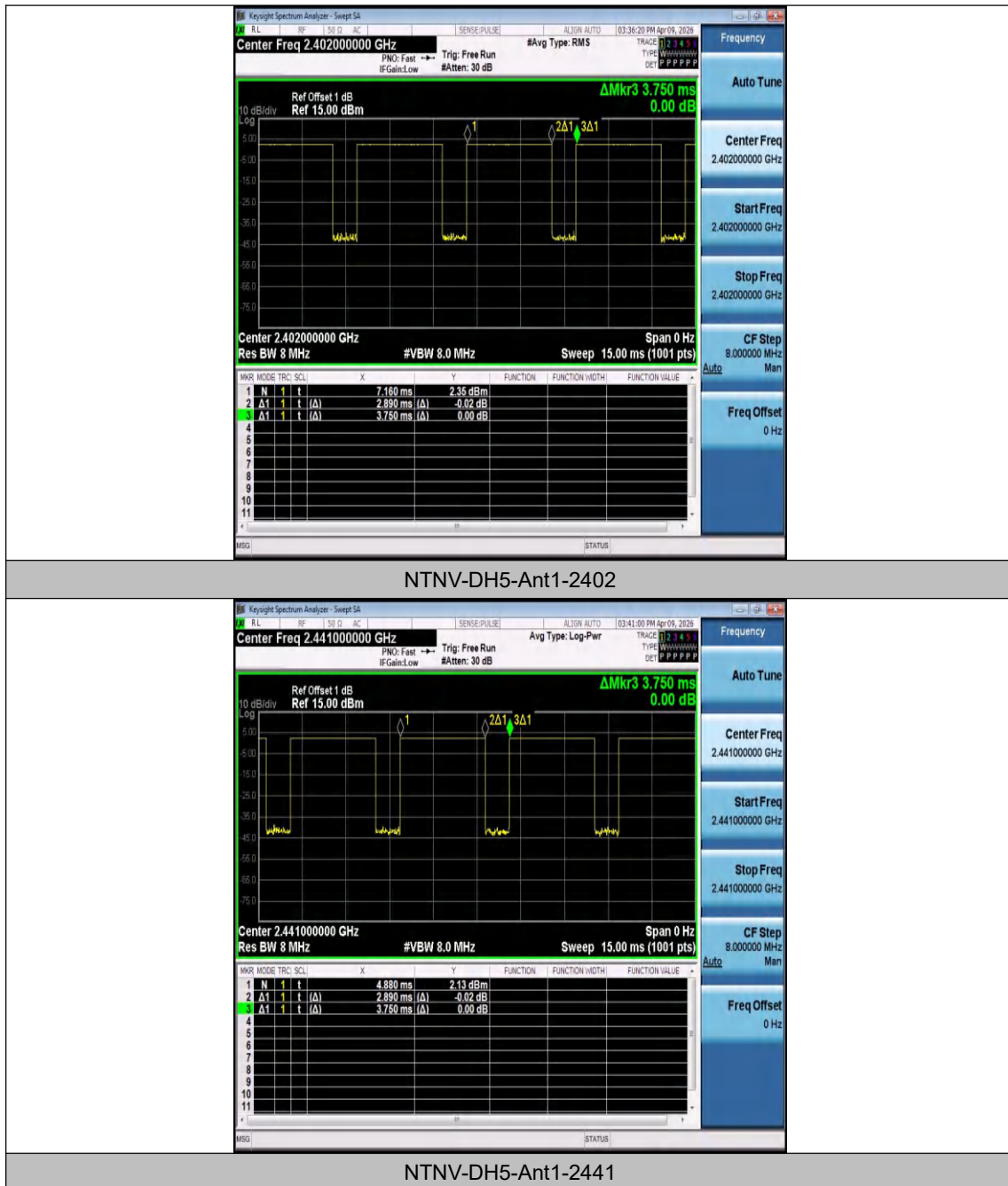
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Appendix I: Duty Cycle

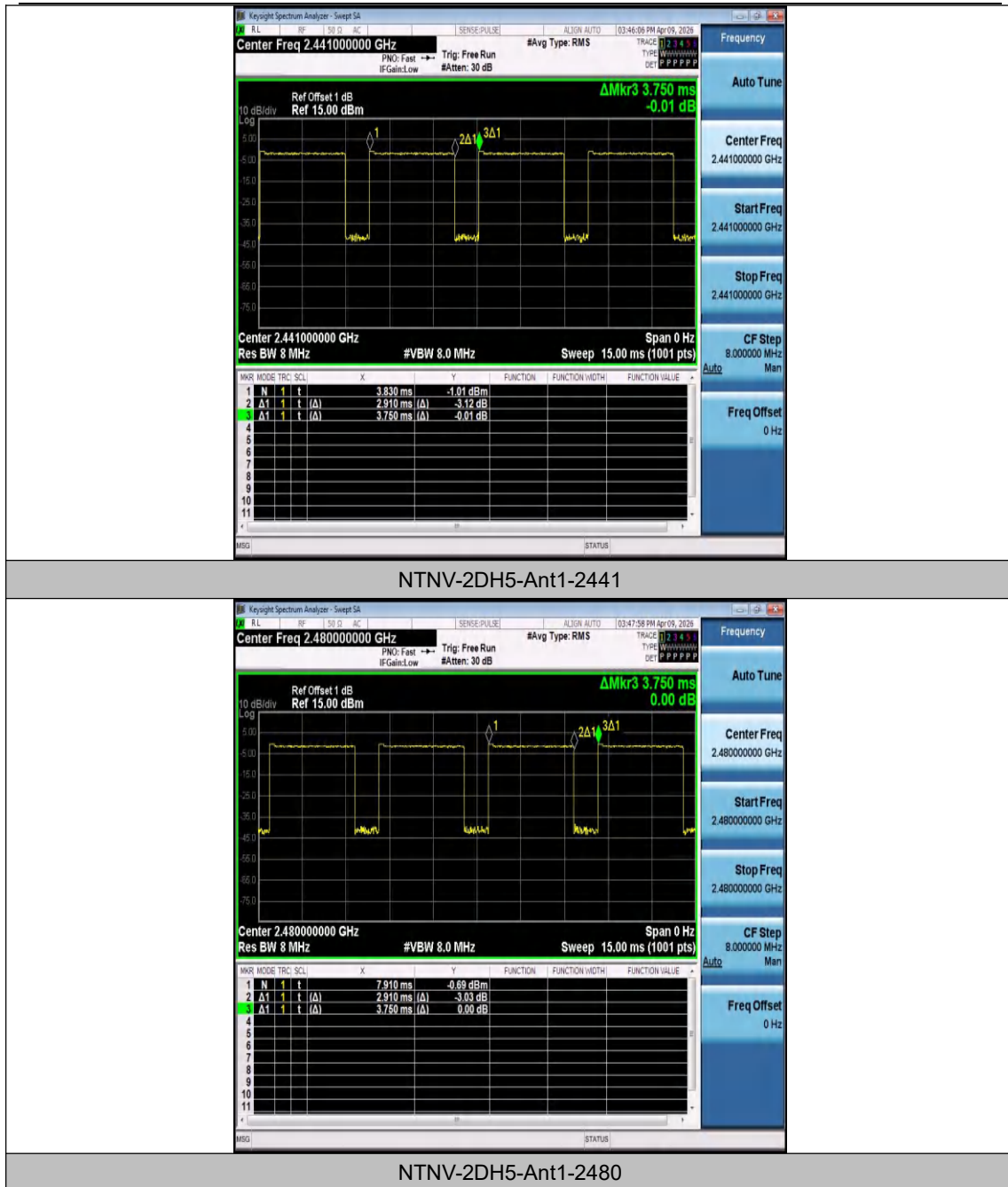
Test Result

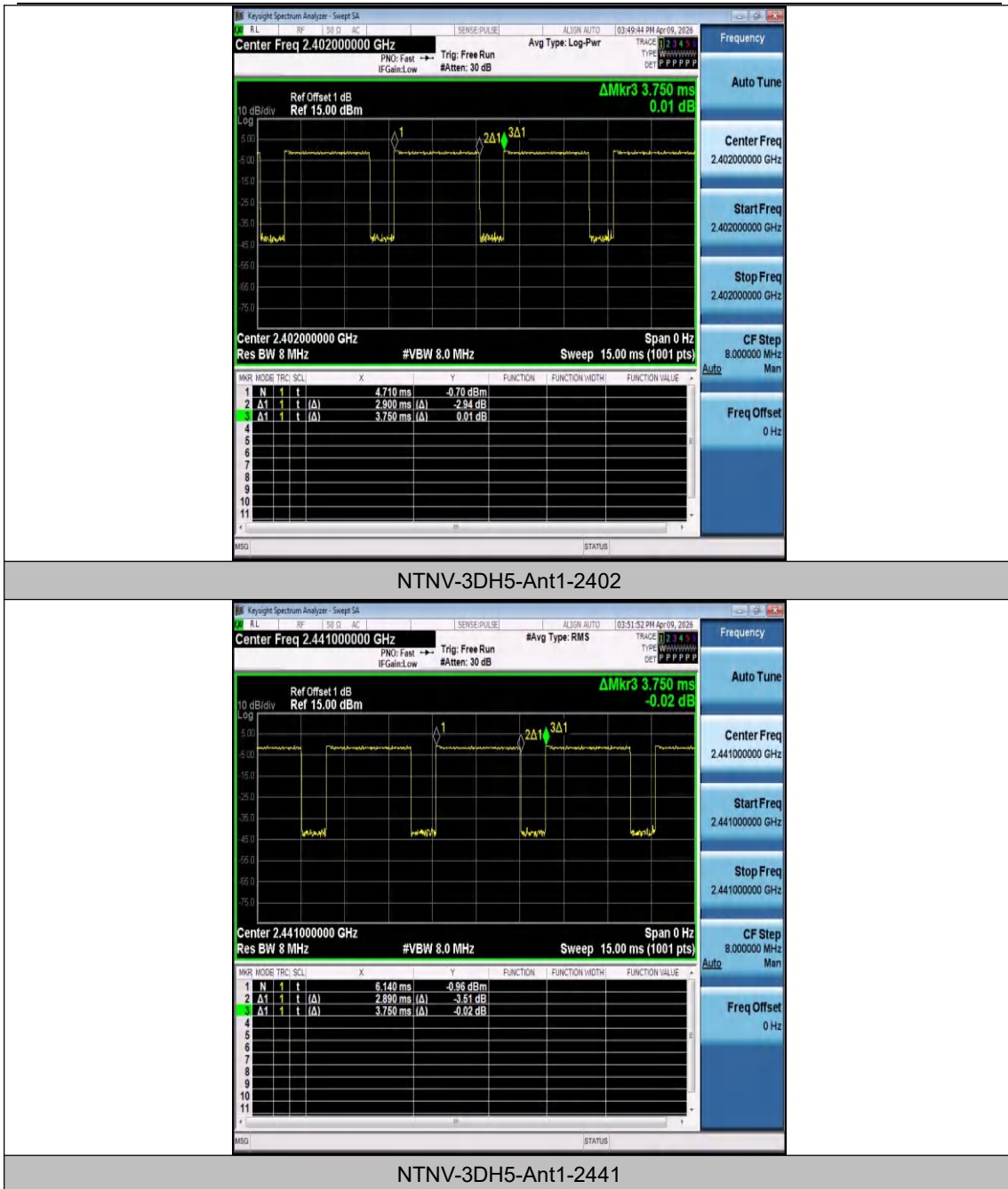
Test Mode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
DH5	Ant1	2402	2.89	3.75	77.07	1.13
DH5	Ant1	2441	2.89	3.75	77.07	1.13
DH5	Ant1	2480	2.90	3.75	77.33	1.12
2DH5	Ant1	2402	2.91	3.75	77.60	1.10
2DH5	Ant1	2441	2.91	3.75	77.60	1.10
2DH5	Ant1	2480	2.91	3.75	77.60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

Test Graphs





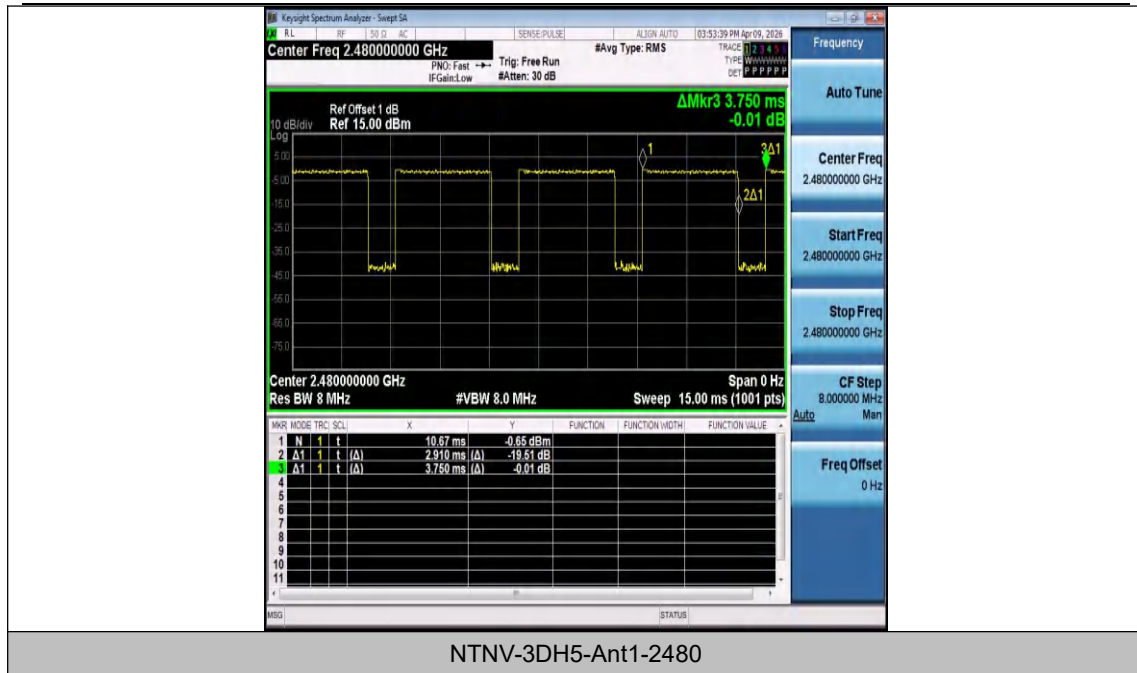




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NTNV-3DH5-Ant1-2480

---End---