

Appendix Test Data

Report No.:	1812C60410512501-01	Test Sample No.:	1-2-2
Start Test Date:	2026-7-23	Finish Test Date:	2026-7-28
Test Engineer:	Pearl Ao	Auditor:	Justin Feng
Temperature:	22°C	Relative Humidity:	64%
Pressure:	100.2kPa		

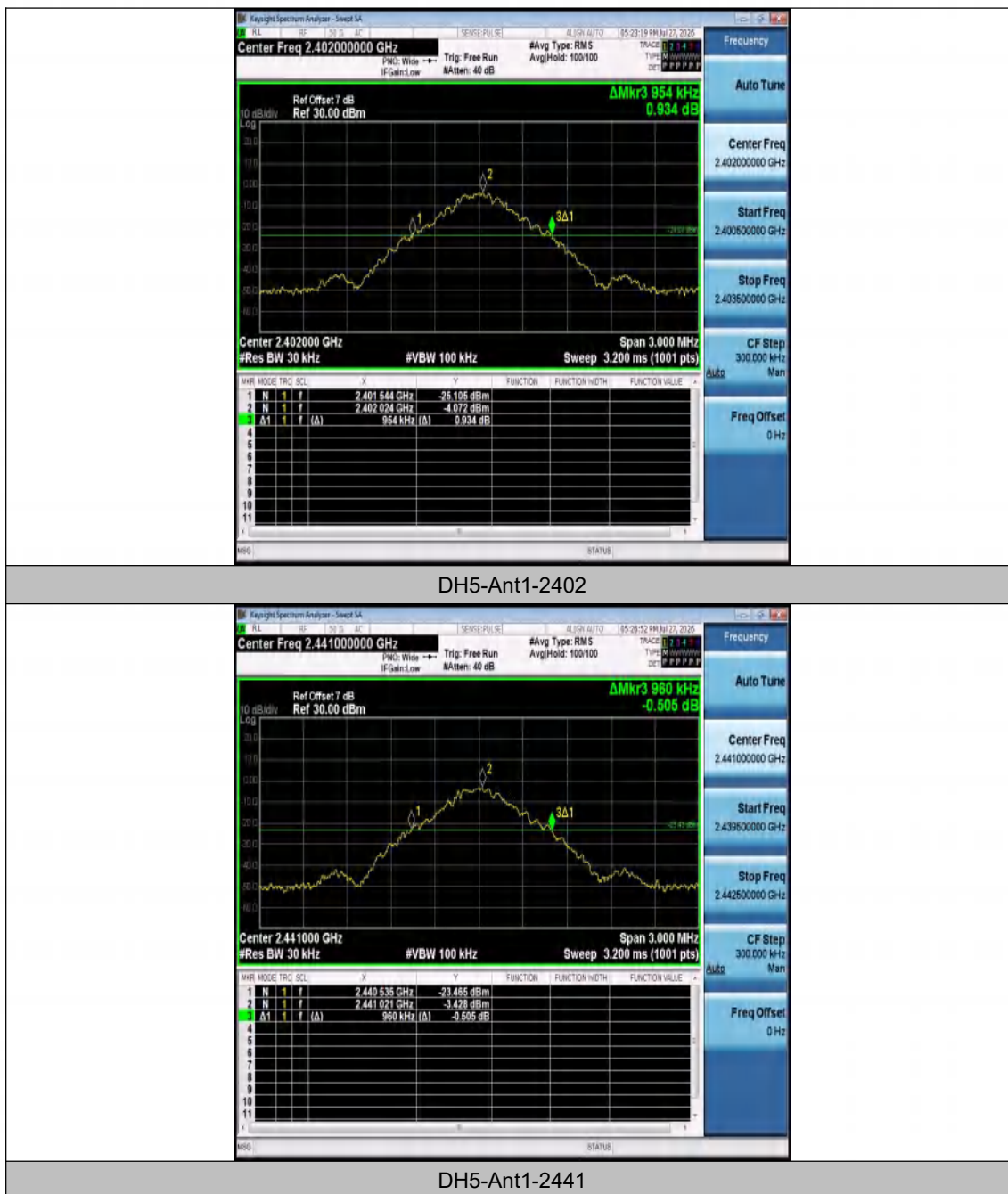


Appendix A: 20dB Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.954	2401.544	2402.498	---	---
DH5	Ant1	2441	0.960	2440.535	2441.495	---	---
DH5	Ant1	2480	0.960	2479.541	2480.501	---	---
2DH5	Ant1	2402	1.269	2401.391	2402.660	---	---
2DH5	Ant1	2441	1.290	2440.370	2441.660	---	---
2DH5	Ant1	2480	1.320	2479.343	2480.663	---	---
3DH5	Ant1	2402	1.302	2401.355	2402.657	---	---
3DH5	Ant1	2441	1.287	2440.373	2441.660	---	---
3DH5	Ant1	2480	1.302	2479.358	2480.660	---	---

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	0.85679	2401.5767	2402.4335	---	---
DH5	Ant1	2441	0.86734	2440.5745	2441.4419	---	---
DH5	Ant1	2480	0.87892	2479.5748	2480.4538	---	---
2DH5	Ant1	2402	1.1934	2401.4105	2402.6039	---	---
2DH5	Ant1	2441	1.1955	2440.4102	2441.6057	---	---
2DH5	Ant1	2480	1.1997	2479.4063	2480.6060	---	---
3DH5	Ant1	2402	1.1998	2401.4035	2402.6033	---	---
3DH5	Ant1	2441	1.2026	2440.4015	2441.6041	---	---
3DH5	Ant1	2480	1.2022	2479.4021	2480.6043	---	---

Test Graphs



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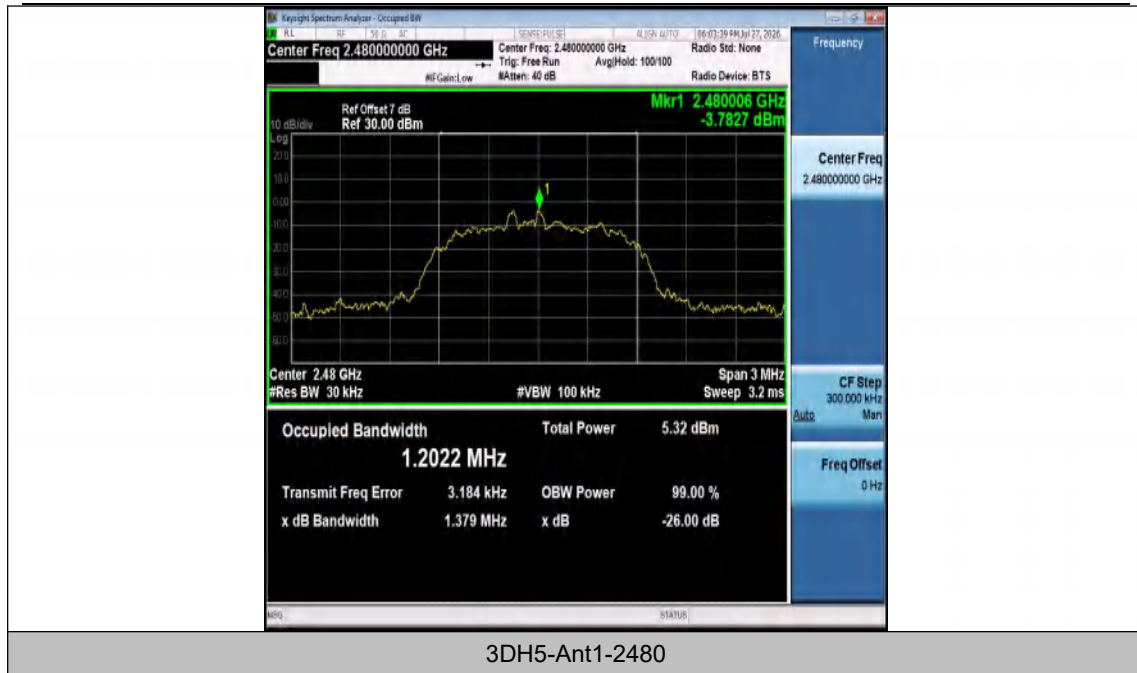
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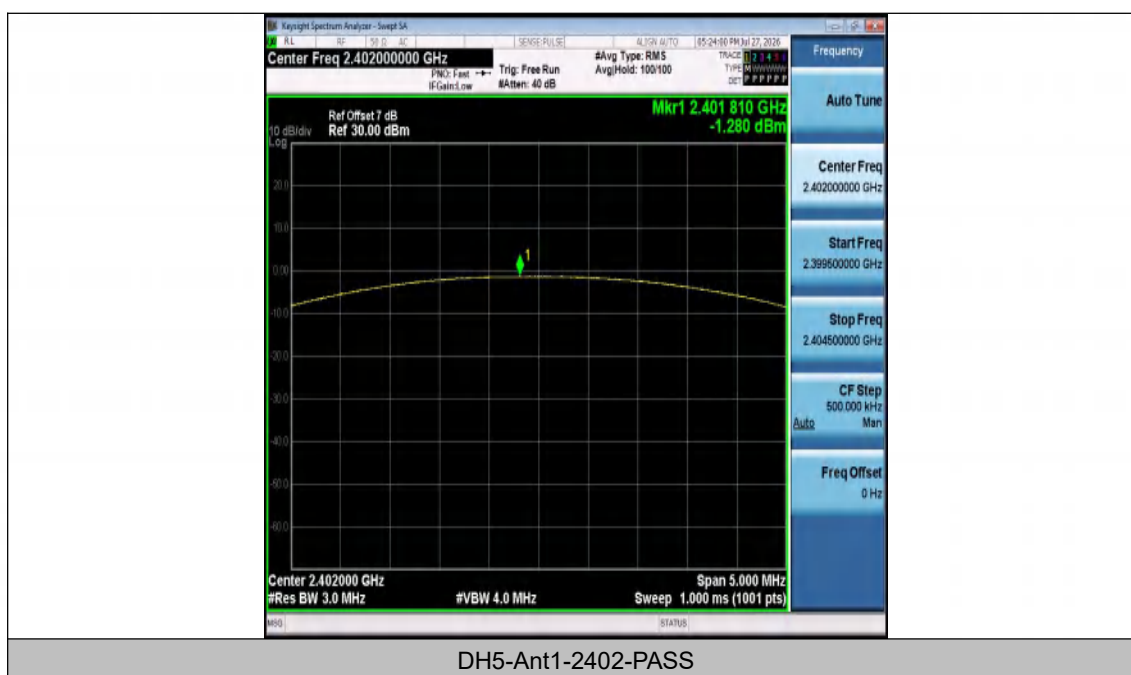
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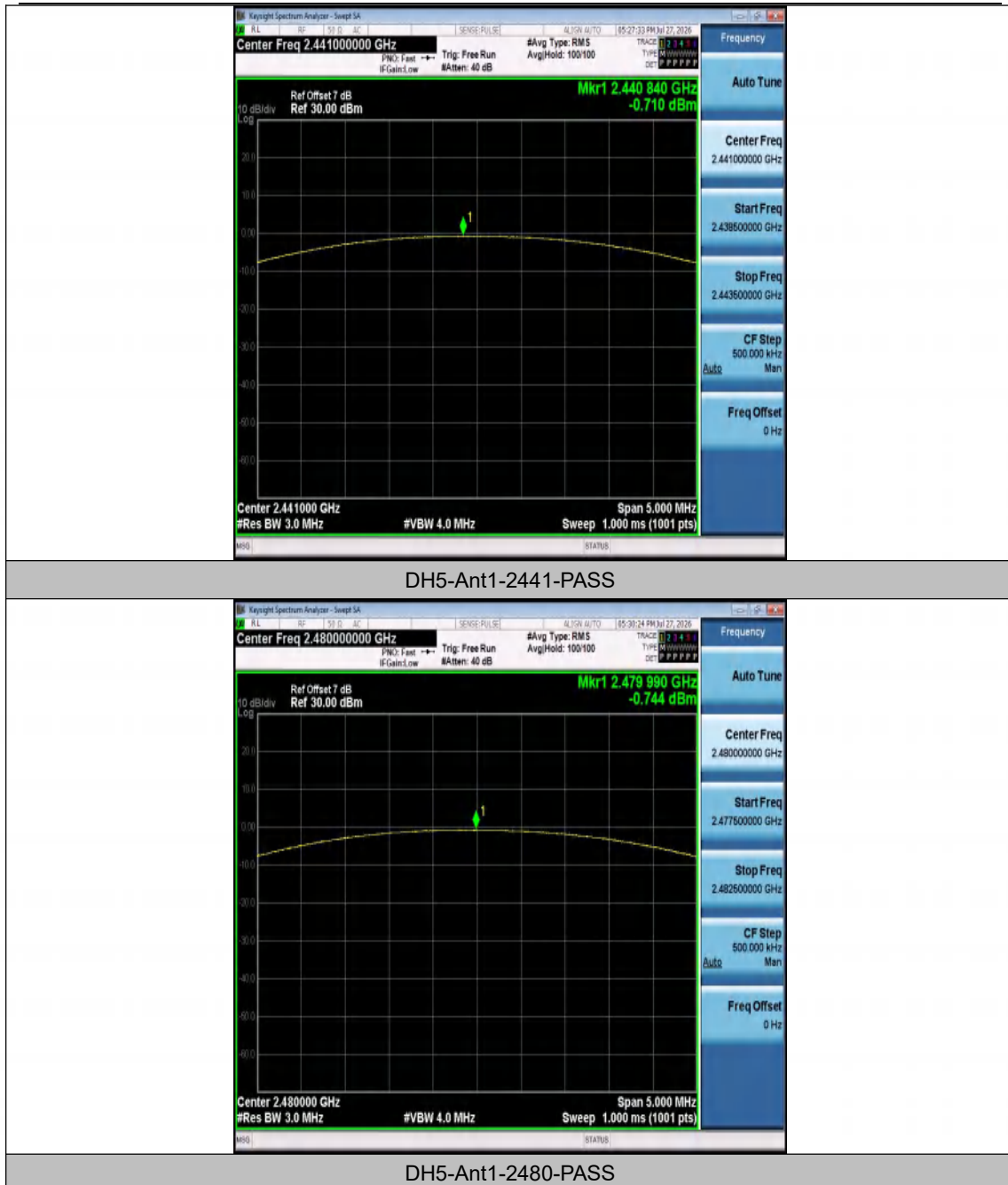
Appendix C: Maximum Conducted Output Power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	-1.28	≤20.97	PASS
DH5	Ant1	2441	-0.71	≤20.97	PASS
DH5	Ant1	2480	-0.74	≤20.97	PASS
2DH5	Ant1	2402	-0.66	≤20.97	PASS
2DH5	Ant1	2441	-0.18	≤20.97	PASS
2DH5	Ant1	2480	-0.13	≤20.97	PASS
3DH5	Ant1	2402	-0.29	≤20.97	PASS
3DH5	Ant1	2441	0.19	≤20.97	PASS
3DH5	Ant1	2480	0.25	≤20.97	PASS

Test Graphs

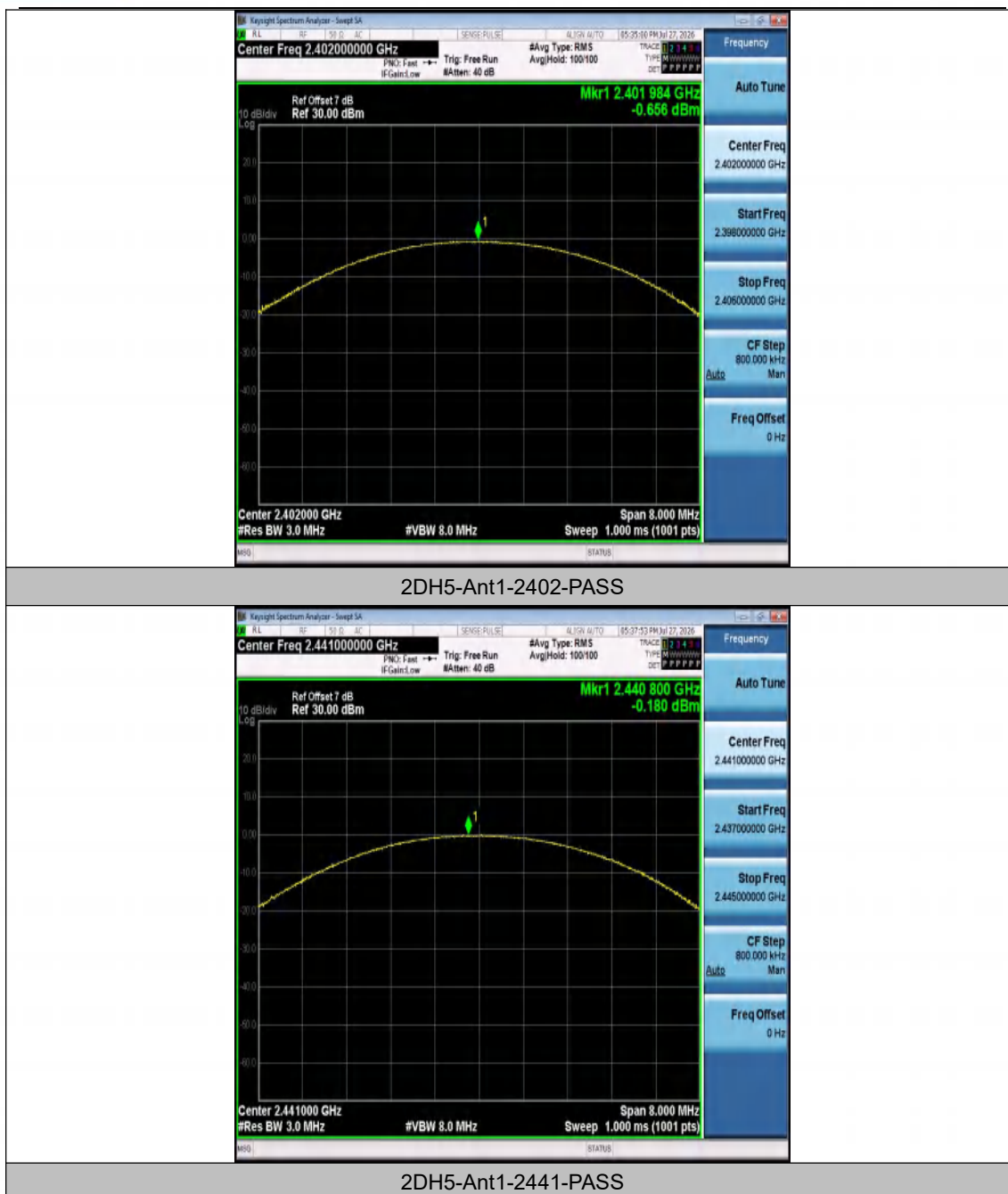


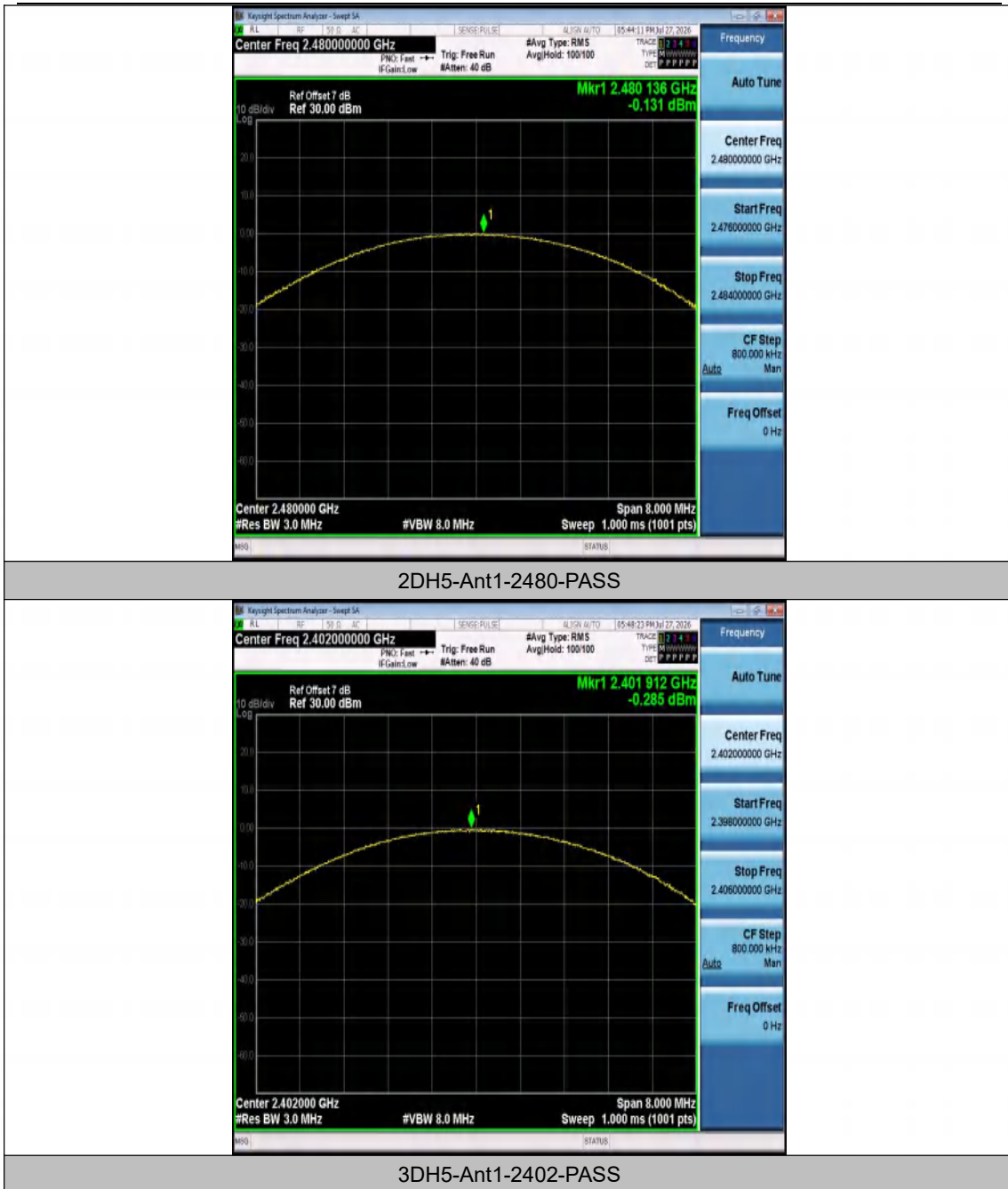


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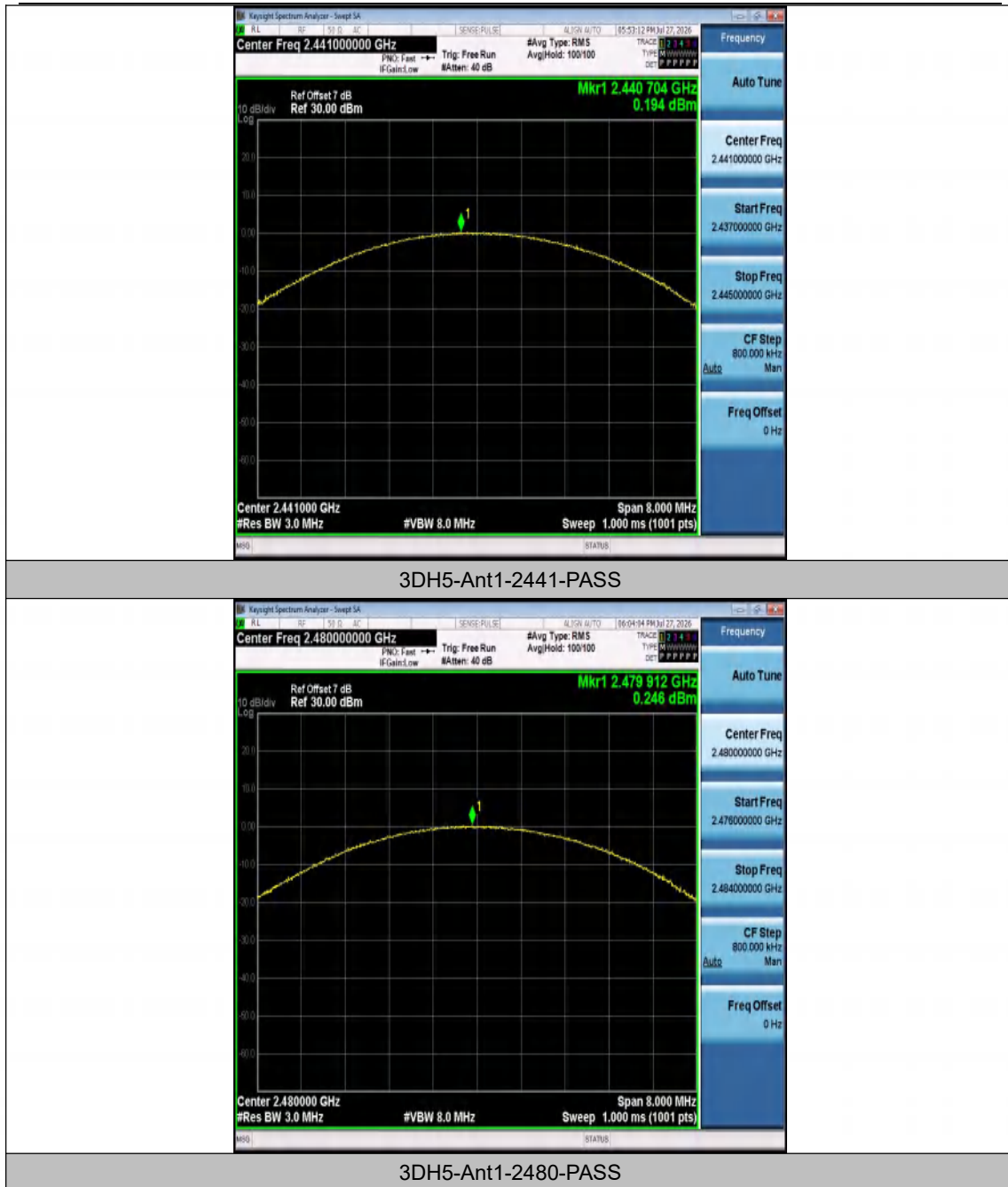




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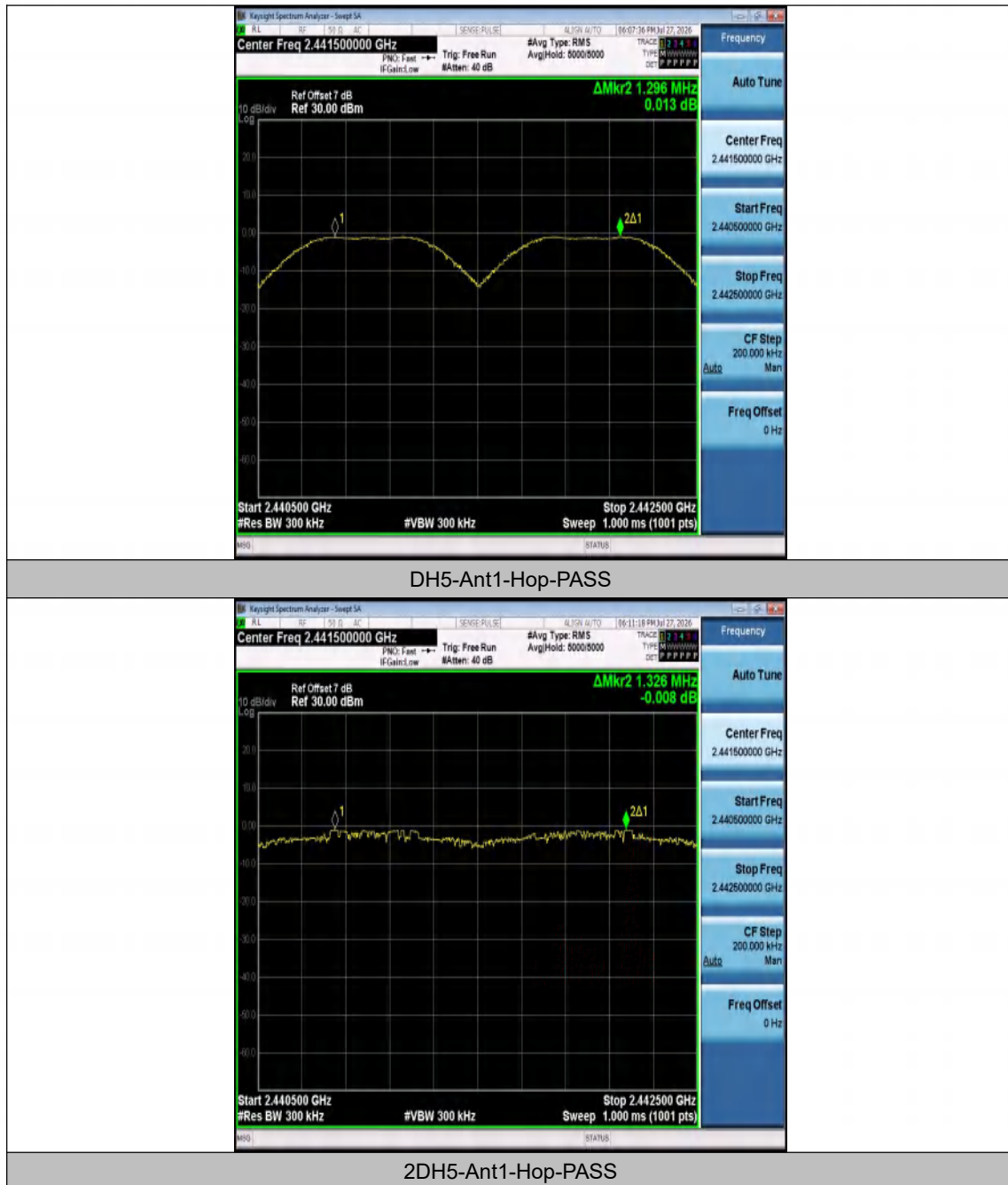
Appendix D: Carrier frequency separation

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.296	≥ 0.640	PASS
2DH5	Ant1	Hop	1.326	≥ 0.880	PASS
3DH5	Ant1	Hop	1.324	≥ 0.868	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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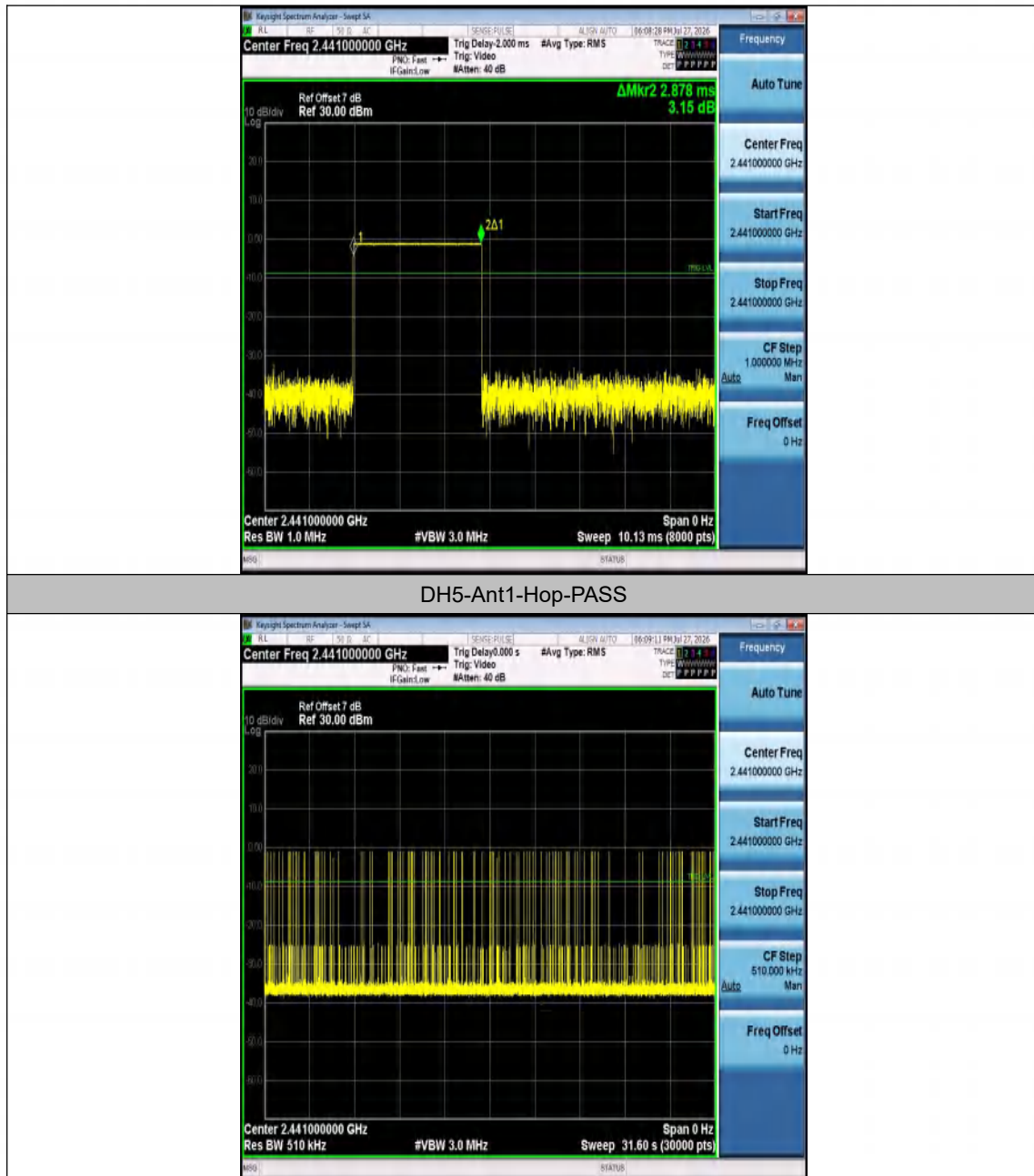
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Appendix E: Dwell Time

Test Result

Test Mode	Antenna	Frequency [MHz]	Burst Width [ms]	Total Hops [Num]	Result [s]	Limit [s]	Verdict
DH5	Ant1	Hop	2.878	109	0.314	≤0.4	PASS
2DH5	Ant1	Hop	2.884	98	0.283	≤0.4	PASS
3DH5	Ant1	Hop	2.887	121	0.349	≤0.4	PASS

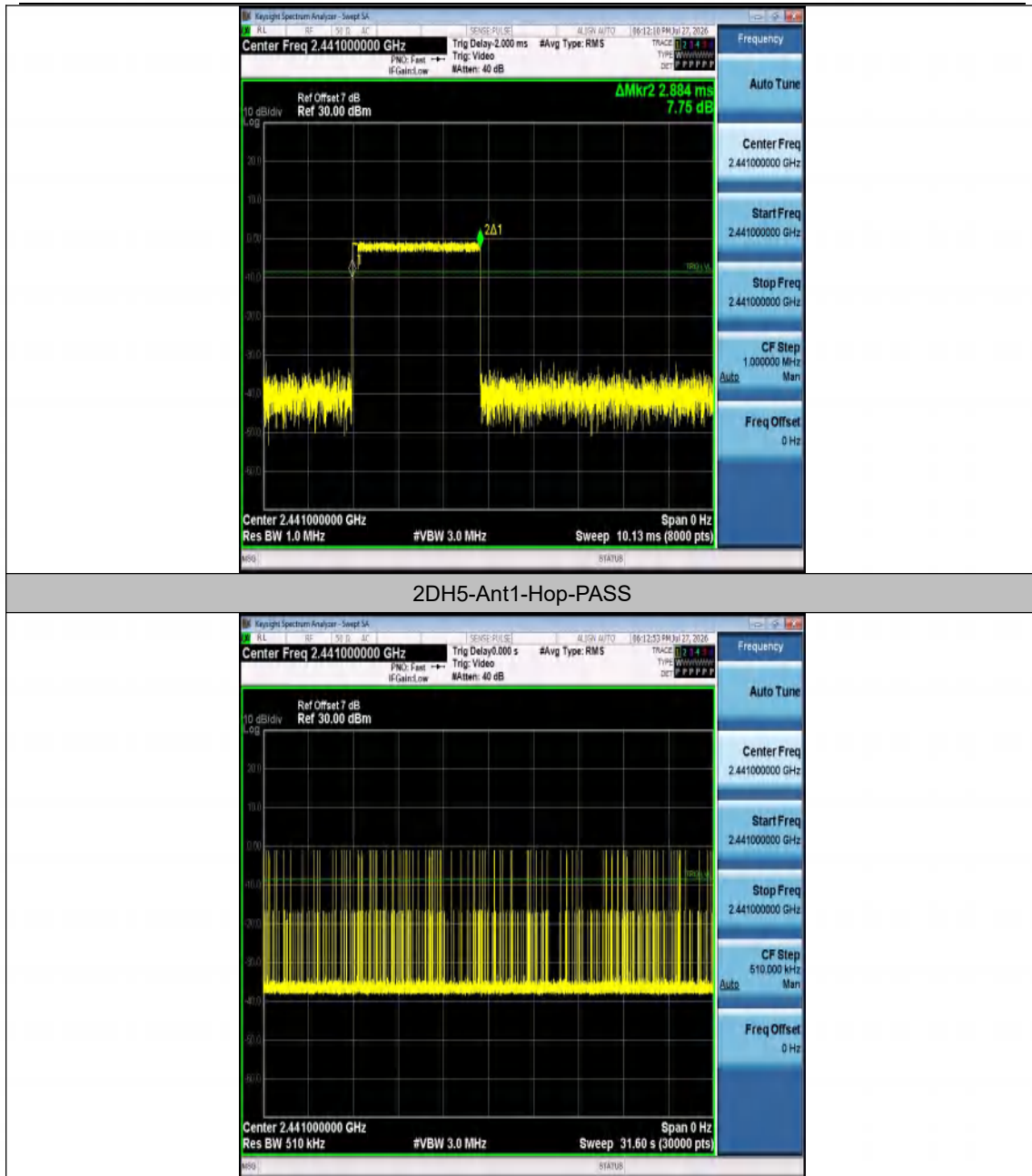
Test Graphs



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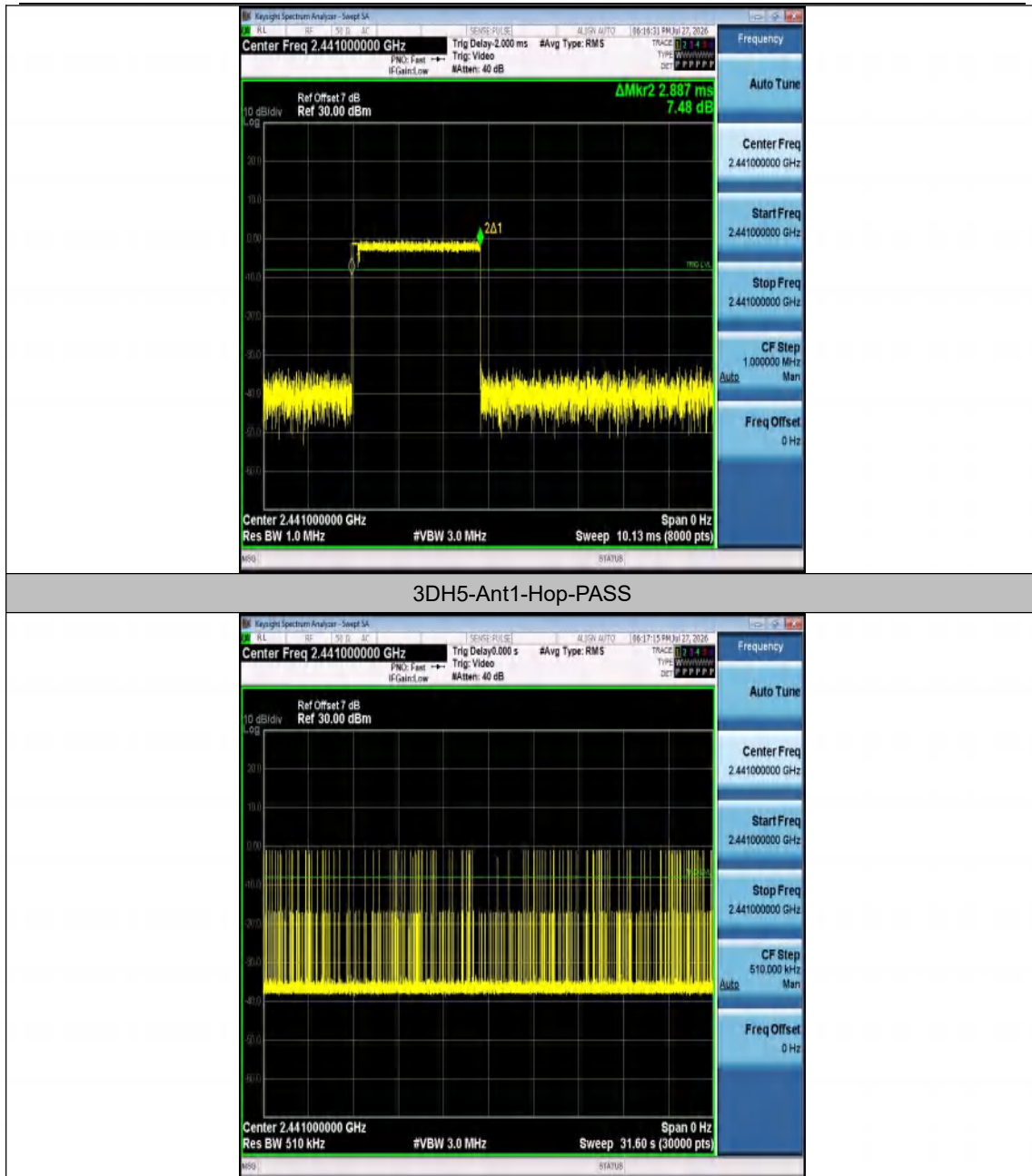
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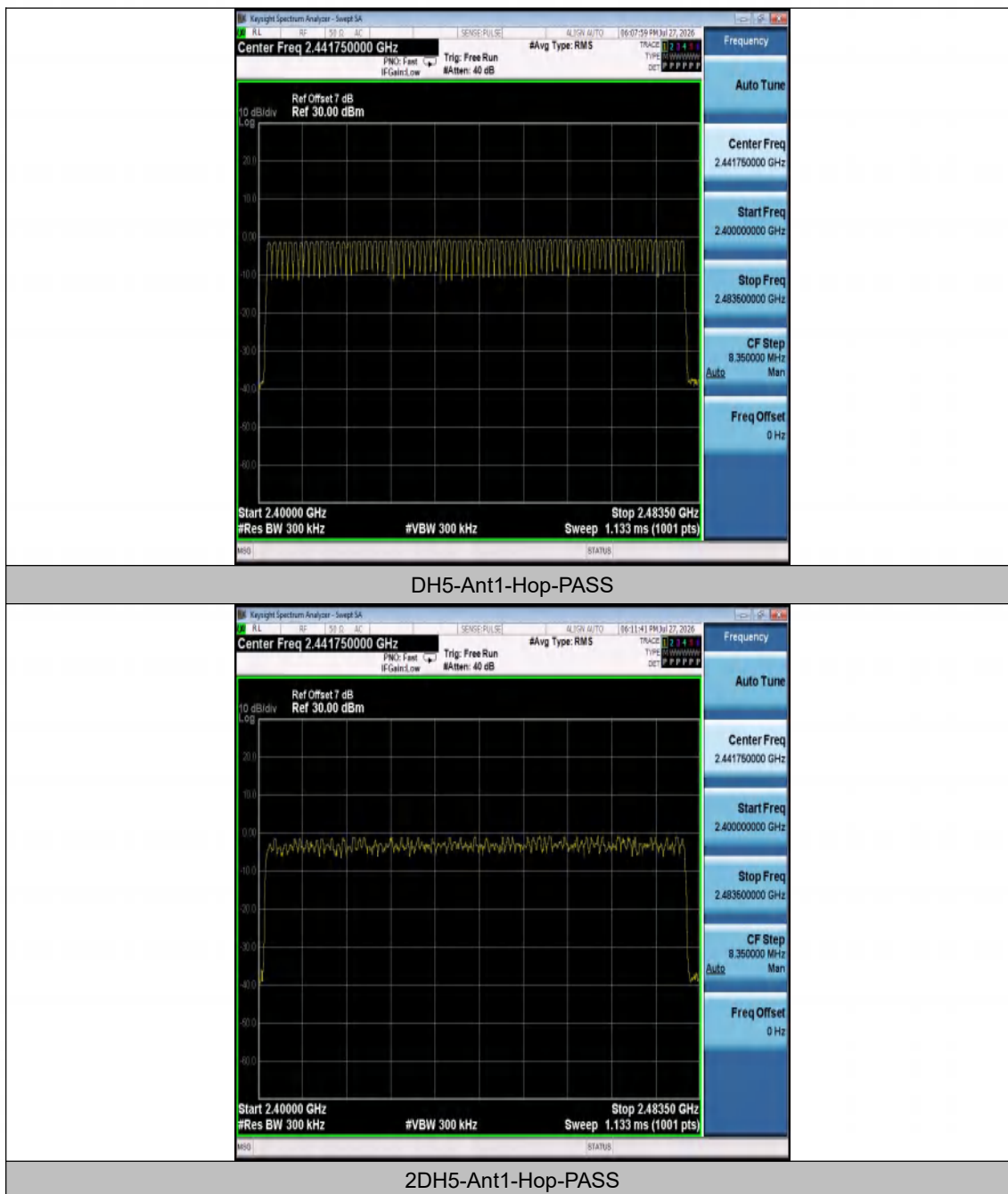
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Appendix F: Number of Hopping Channel

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

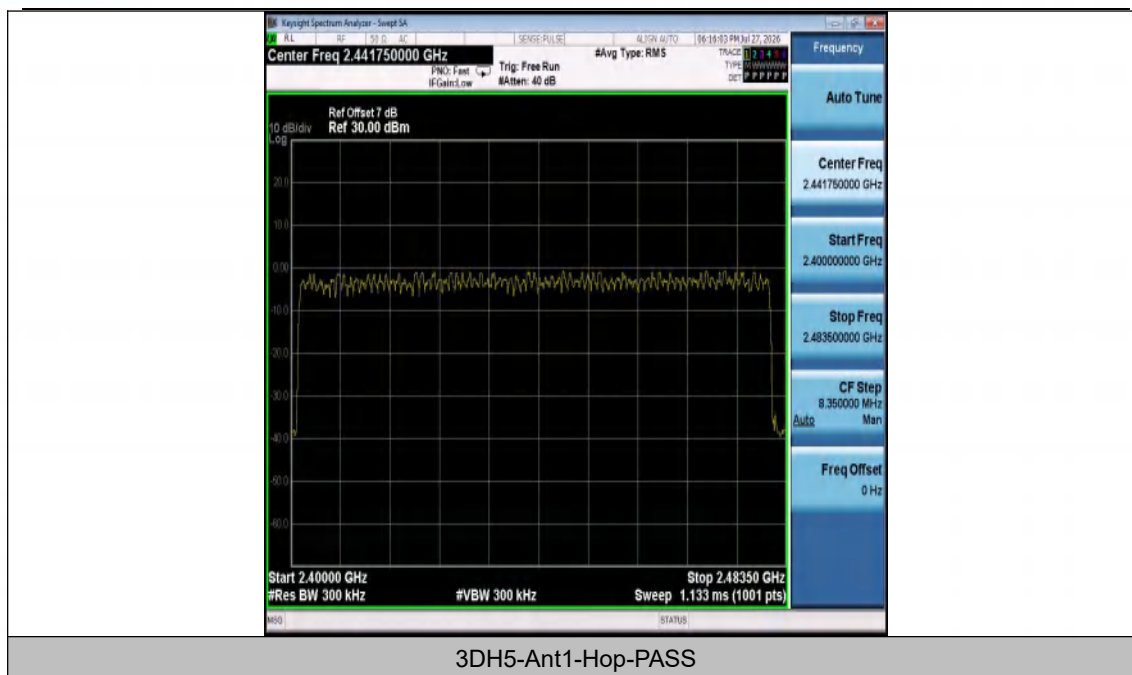
Test Graphs



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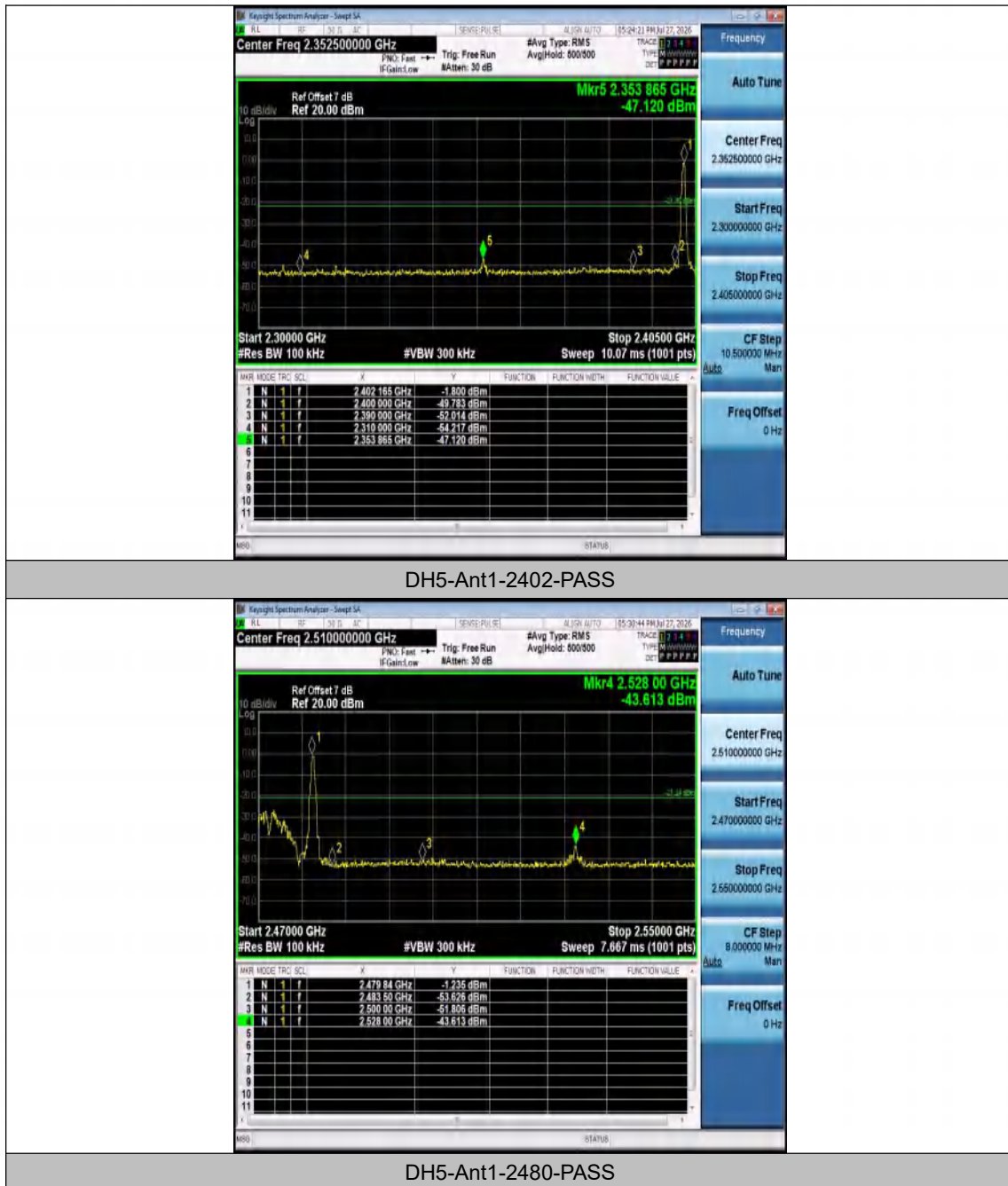
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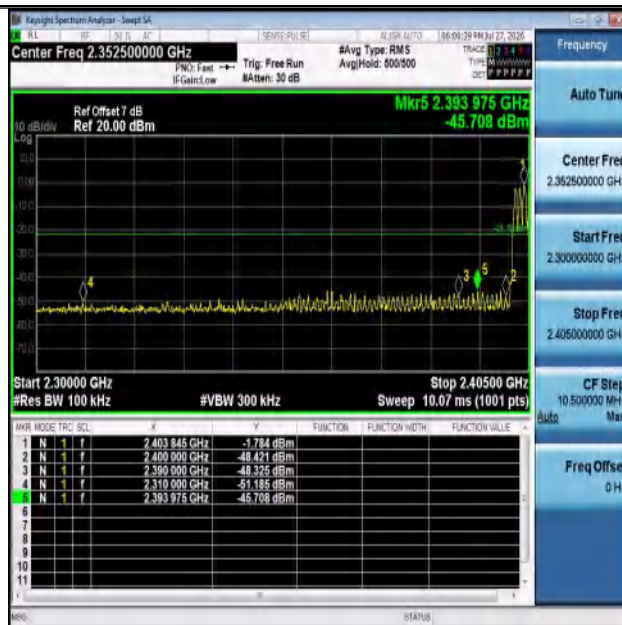
Appendix G: Conducted Band edge

Test Result

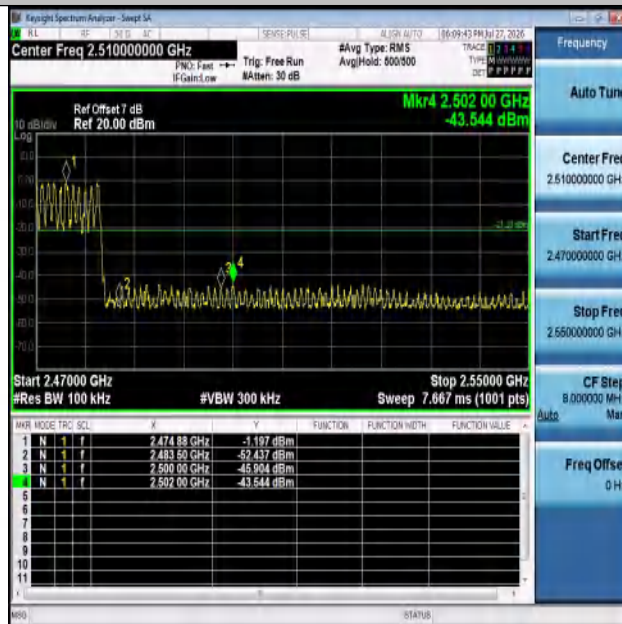
Test Mode	Antenna	Ch. Name	Frequency [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-1.80	-47.12	≤ -21.8	PASS
DH5	Ant1	High	2480	-1.24	-43.61	≤ -21.24	PASS
DH5	Ant1	Low	Hop_2402	-1.78	-45.71	≤ -21.78	PASS
DH5	Ant1	High	Hop_2480	-1.20	-43.54	≤ -21.2	PASS
2DH5	Ant1	Low	2402	-1.70	-48.75	≤ -21.7	PASS
2DH5	Ant1	High	2480	-1.09	-41.94	≤ -21.09	PASS
2DH5	Ant1	Low	Hop_2402	-3.14	-46.77	≤ -23.14	PASS
2DH5	Ant1	High	Hop_2480	-1.98	-34.48	≤ -21.98	PASS
3DH5	Ant1	Low	2402	-1.80	-47.8	≤ -21.8	PASS
3DH5	Ant1	High	2480	-1.32	-42.54	≤ -21.32	PASS
3DH5	Ant1	Low	Hop_2402	-4.49	-48.07	≤ -24.49	PASS
3DH5	Ant1	High	Hop_2480	-2.54	-45.16	≤ -22.54	PASS

Test Graphs





DH5-Ant1-Hop_2402-PASS

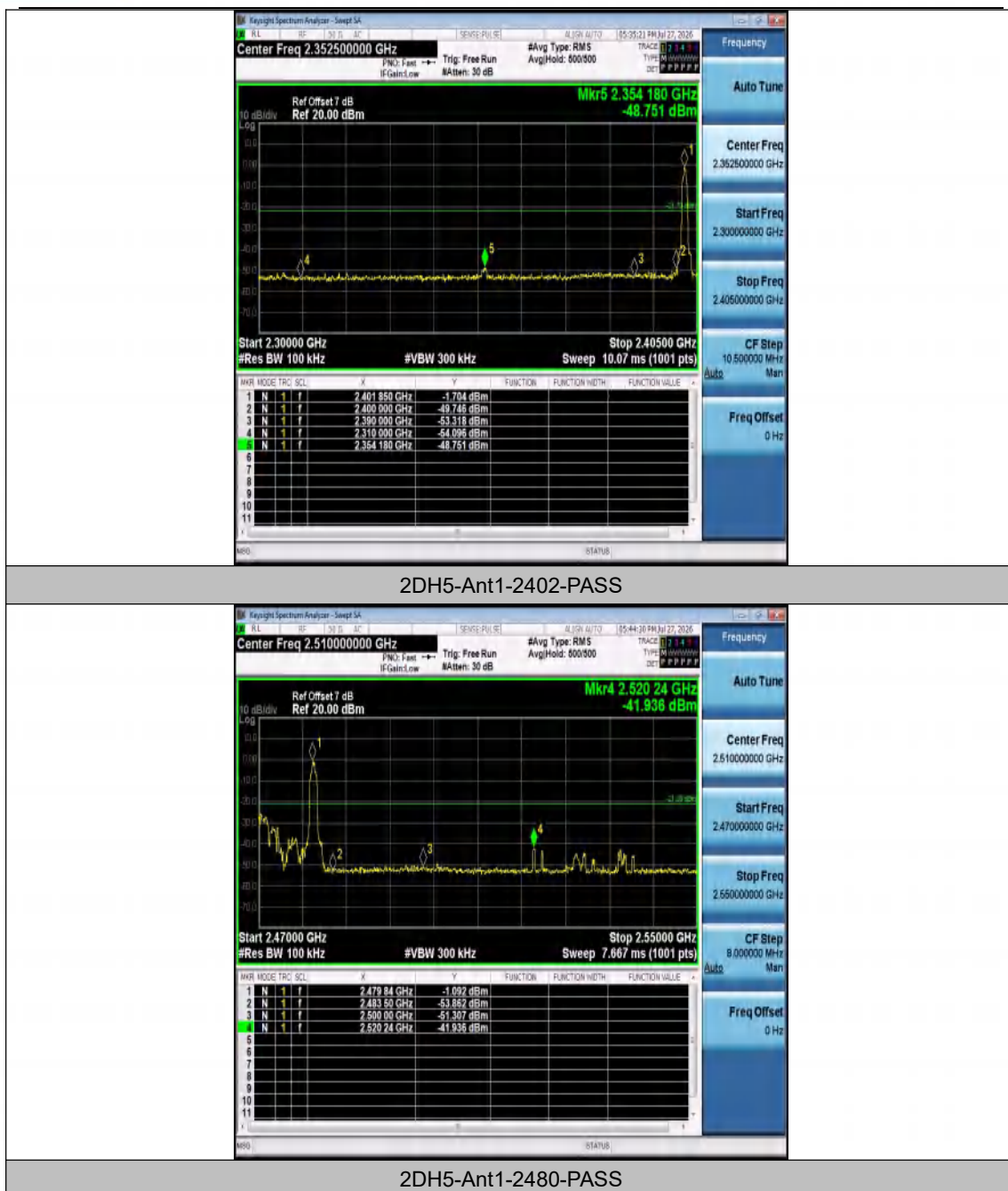


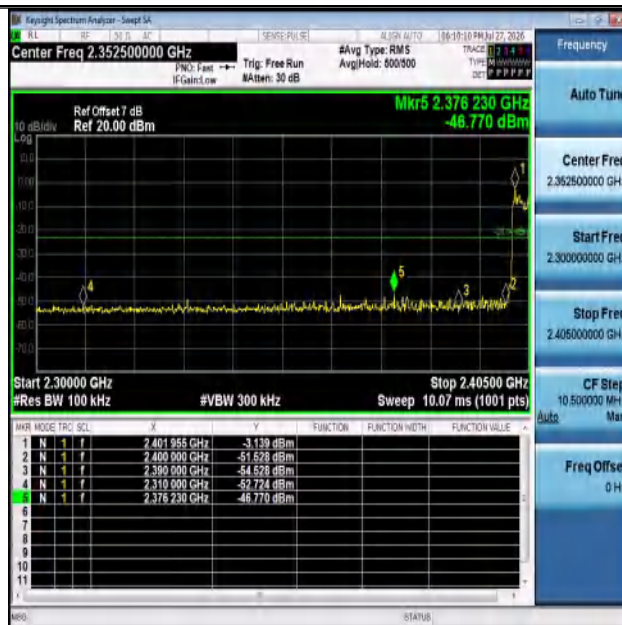
DH5-Ant1-Hop_2480-PASS

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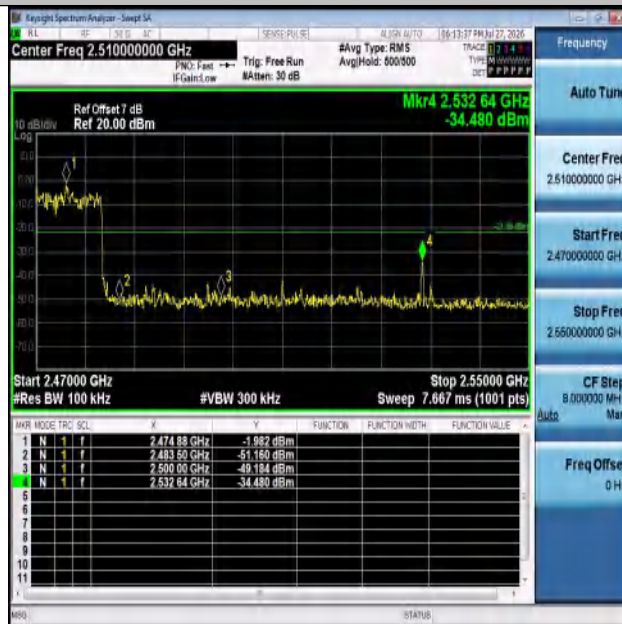
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2DH5-Ant1-Hop 2402-PASS

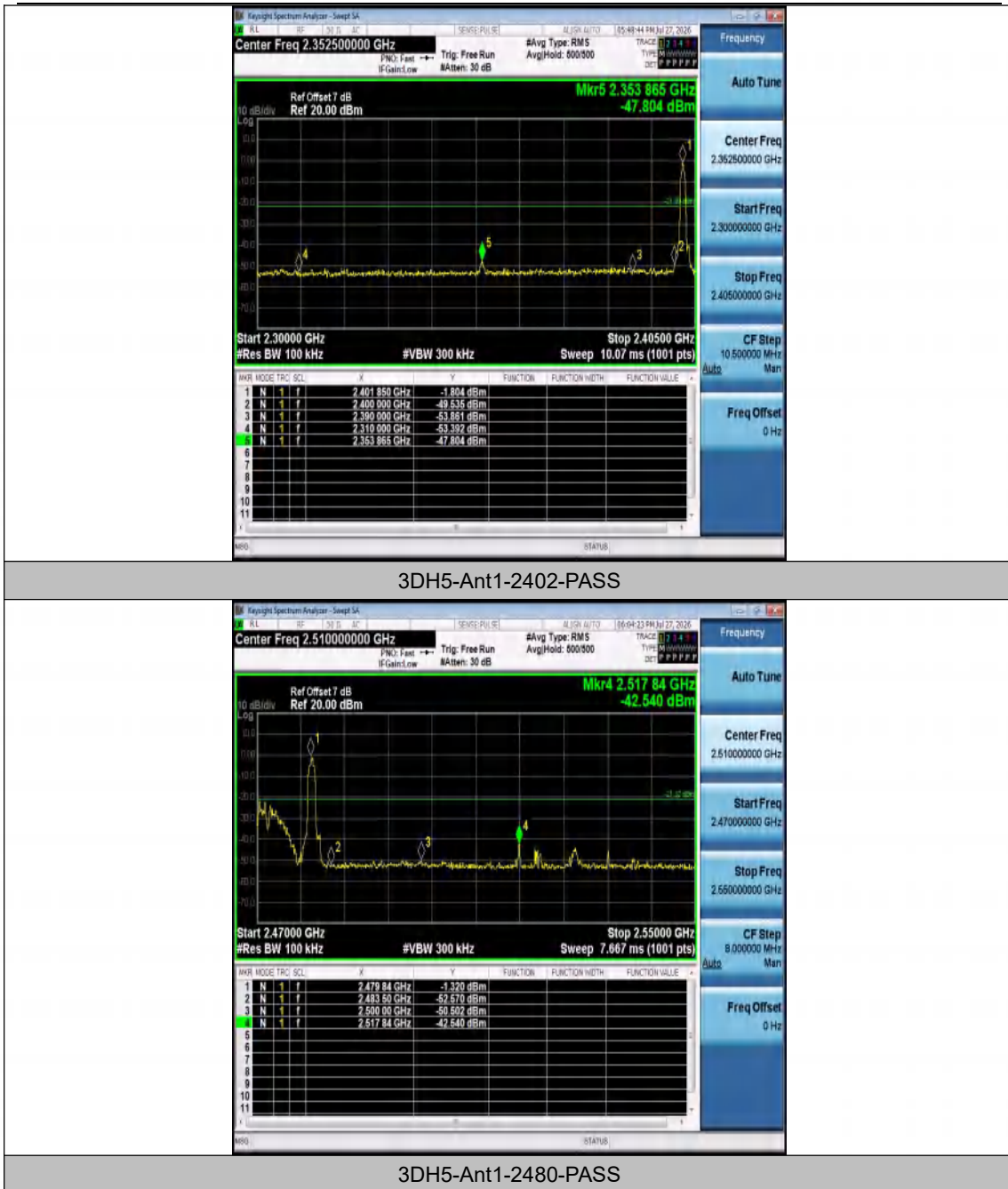


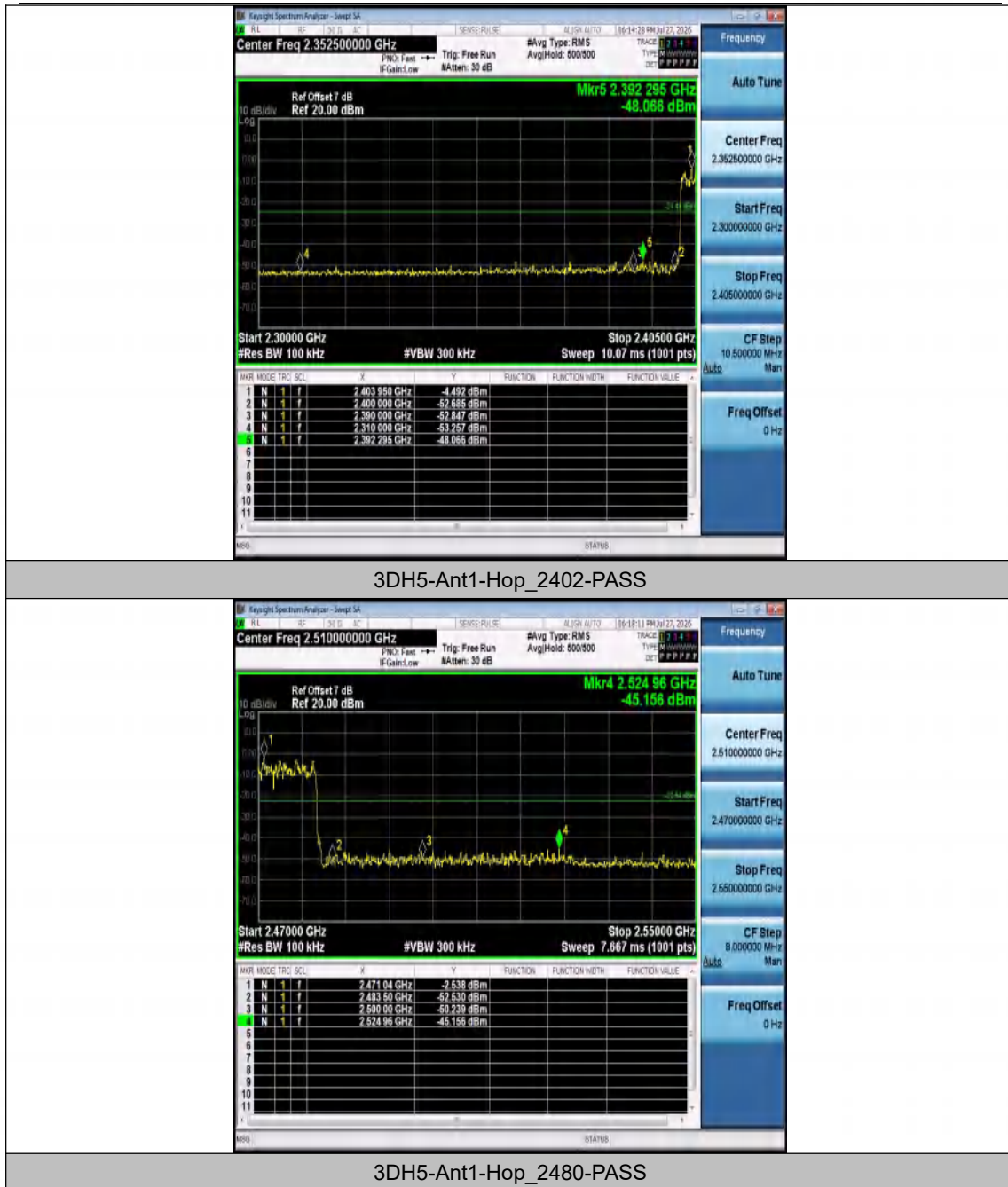
2DH5-Ant1-Hop_2480-PASS

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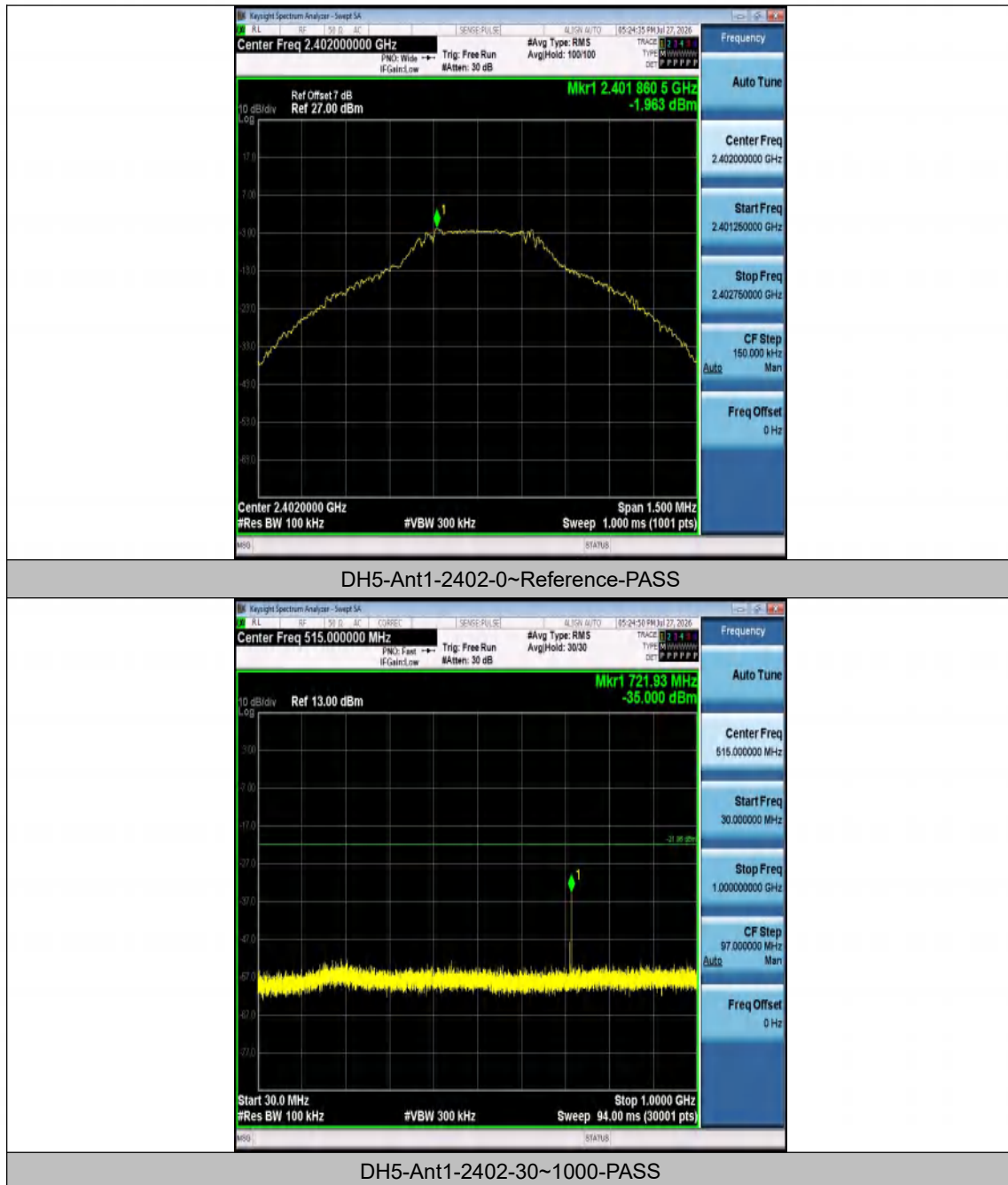
Appendix H: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency[MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	0~Reference	-1.96	-1.96	---	PASS
DH5	Ant1	2402	30~1000	-1.96	-35	≤-21.96	PASS
DH5	Ant1	2402	1000~26500	-1.96	-28.29	≤-21.96	PASS
DH5	Ant1	2441	0~Reference	-1.21	-1.21	---	PASS
DH5	Ant1	2441	30~1000	-1.21	-51.23	≤-21.21	PASS
DH5	Ant1	2441	1000~26500	-1.21	-37.19	≤-21.21	PASS
DH5	Ant1	2480	0~Reference	-1.25	-1.25	---	PASS
DH5	Ant1	2480	30~1000	-1.25	-24.5	≤-21.25	PASS
DH5	Ant1	2480	1000~26500	-1.25	-36.68	≤-21.25	PASS
2DH5	Ant1	2402	0~Reference	-1.76	-1.76	---	PASS
2DH5	Ant1	2402	30~1000	-1.76	-51.92	≤-21.76	PASS
2DH5	Ant1	2402	1000~26500	-1.76	-37.3	≤-21.76	PASS
2DH5	Ant1	2441	0~Reference	-1.33	-1.33	---	PASS
2DH5	Ant1	2441	30~1000	-1.33	-52.5	≤-21.33	PASS
2DH5	Ant1	2441	1000~26500	-1.33	-37.45	≤-21.33	PASS
2DH5	Ant1	2480	0~Reference	-1.34	-1.34	---	PASS
2DH5	Ant1	2480	30~1000	-1.34	-52	≤-21.34	PASS
2DH5	Ant1	2480	1000~26500	-1.34	-32.88	≤-21.34	PASS
3DH5	Ant1	2402	0~Reference	-1.81	-1.81	---	PASS
3DH5	Ant1	2402	30~1000	-1.81	-52.23	≤-21.81	PASS
3DH5	Ant1	2402	1000~26500	-1.81	-36.95	≤-21.81	PASS
3DH5	Ant1	2441	0~Reference	-1.24	-1.24	---	PASS
3DH5	Ant1	2441	30~1000	-1.24	-52.47	≤-21.24	PASS
3DH5	Ant1	2441	1000~26500	-1.24	-32.73	≤-21.24	PASS
3DH5	Ant1	2480	0~Reference	-1.58	-1.58	---	PASS
3DH5	Ant1	2480	30~1000	-1.58	-51.96	≤-21.58	PASS
3DH5	Ant1	2480	1000~26500	-1.58	-37.12	≤-21.58	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.

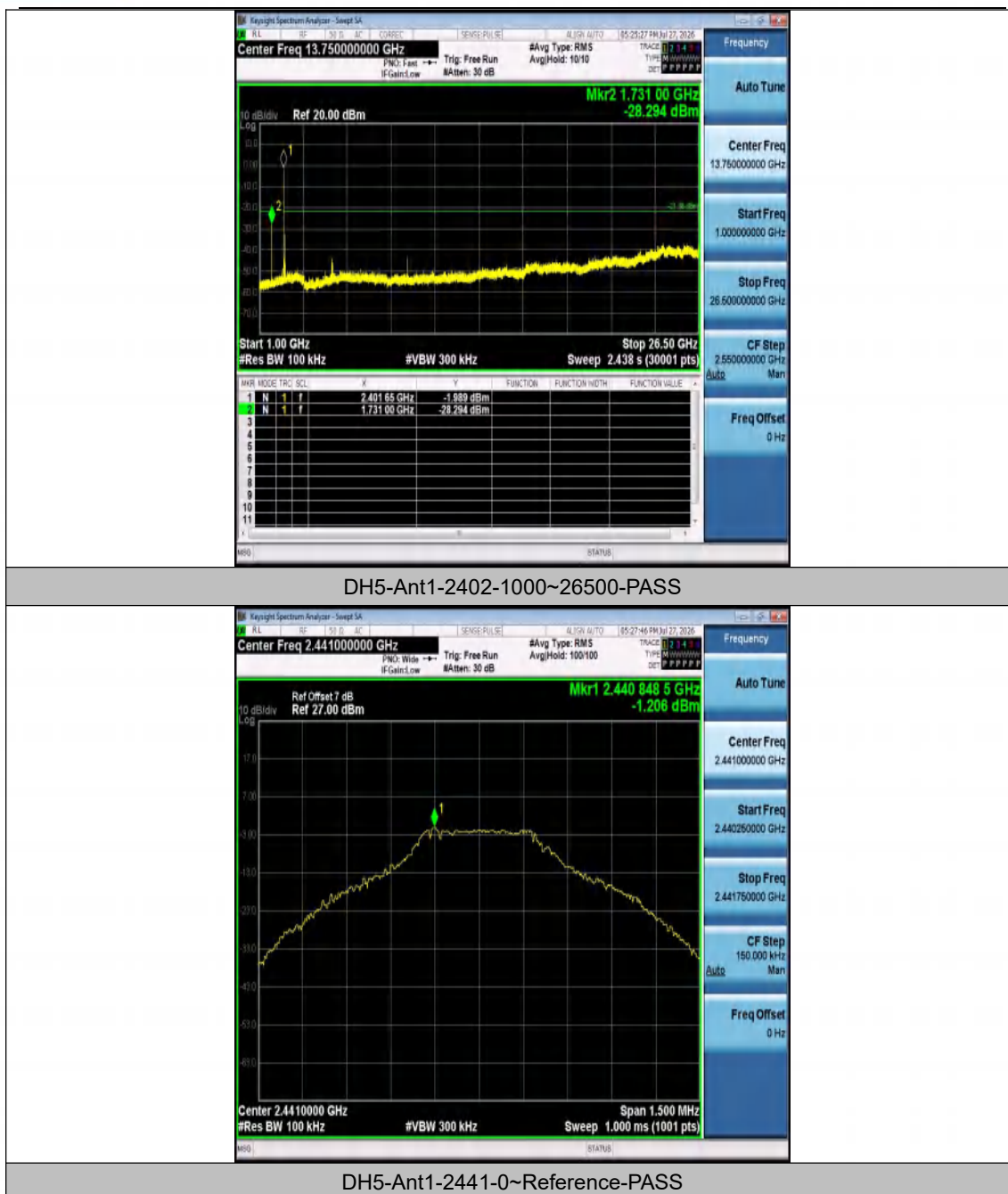
Test Graphs



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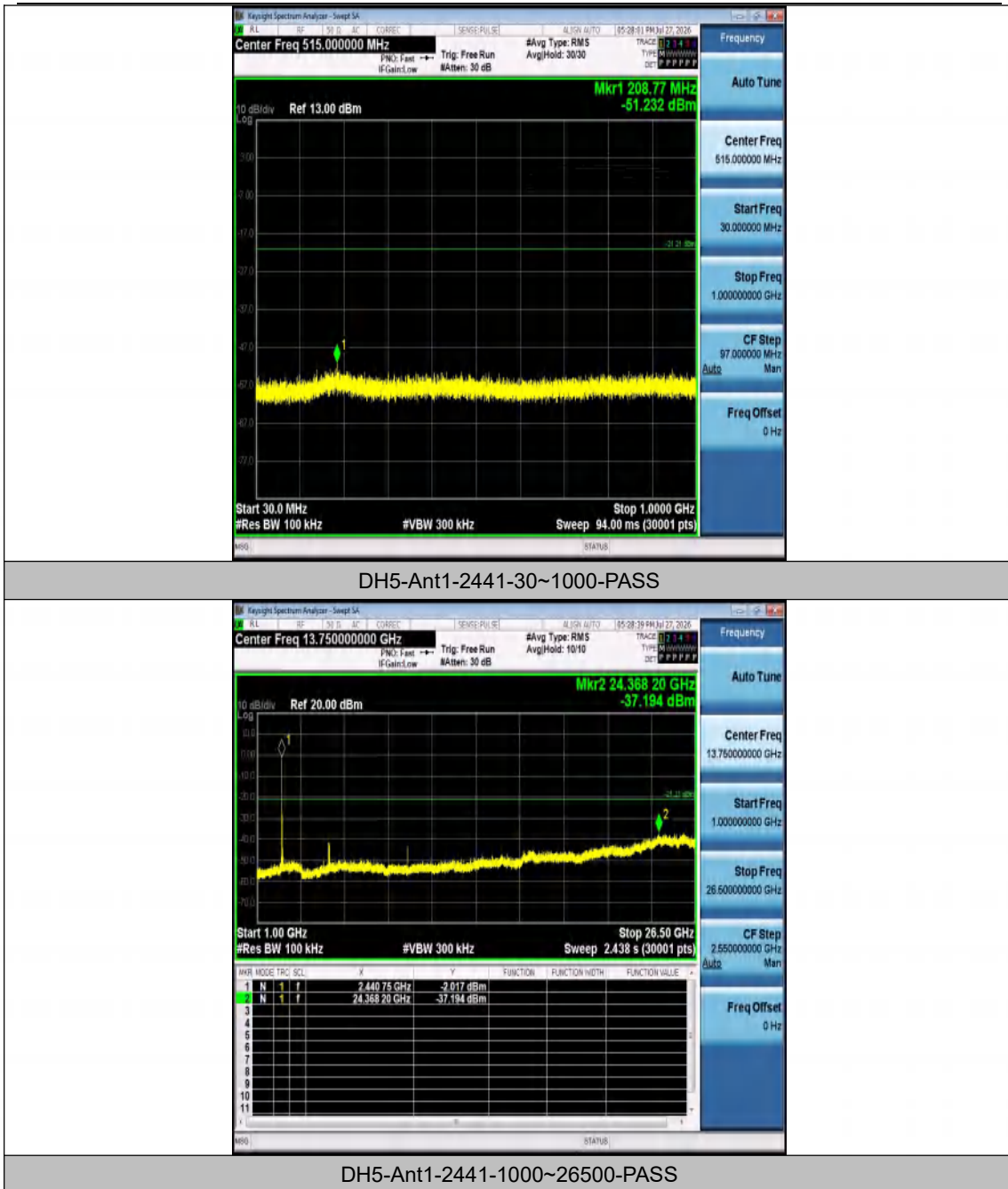
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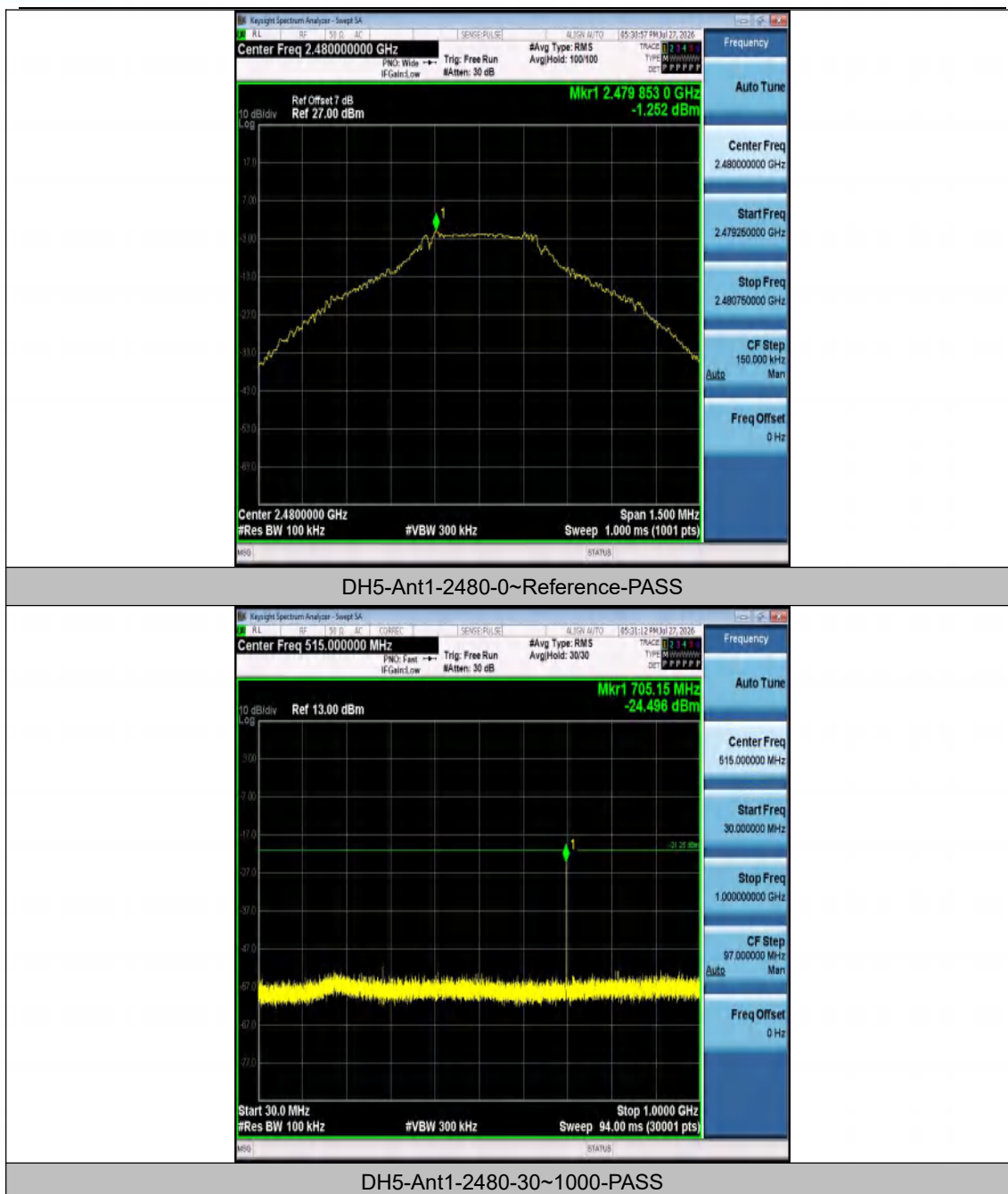
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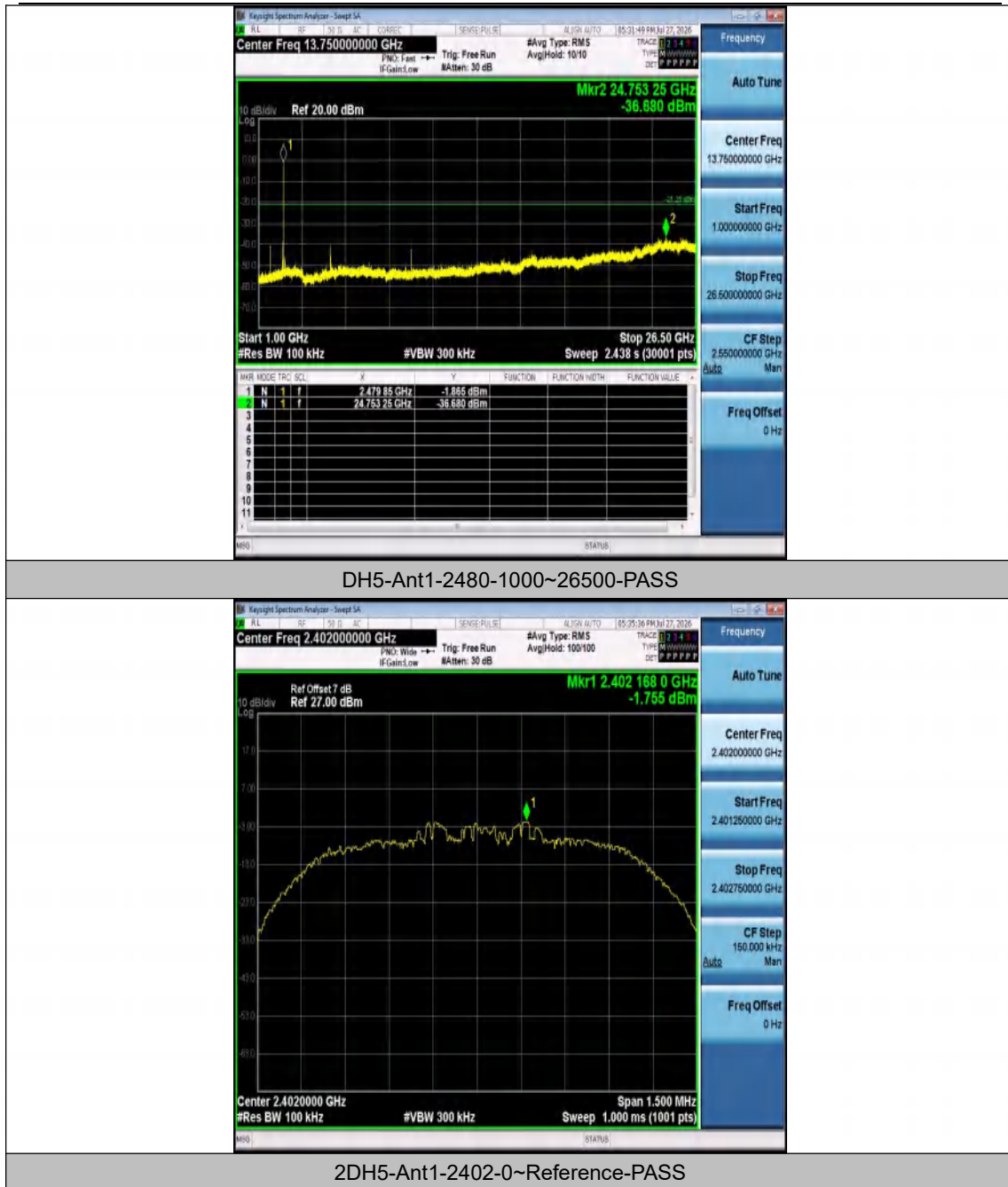
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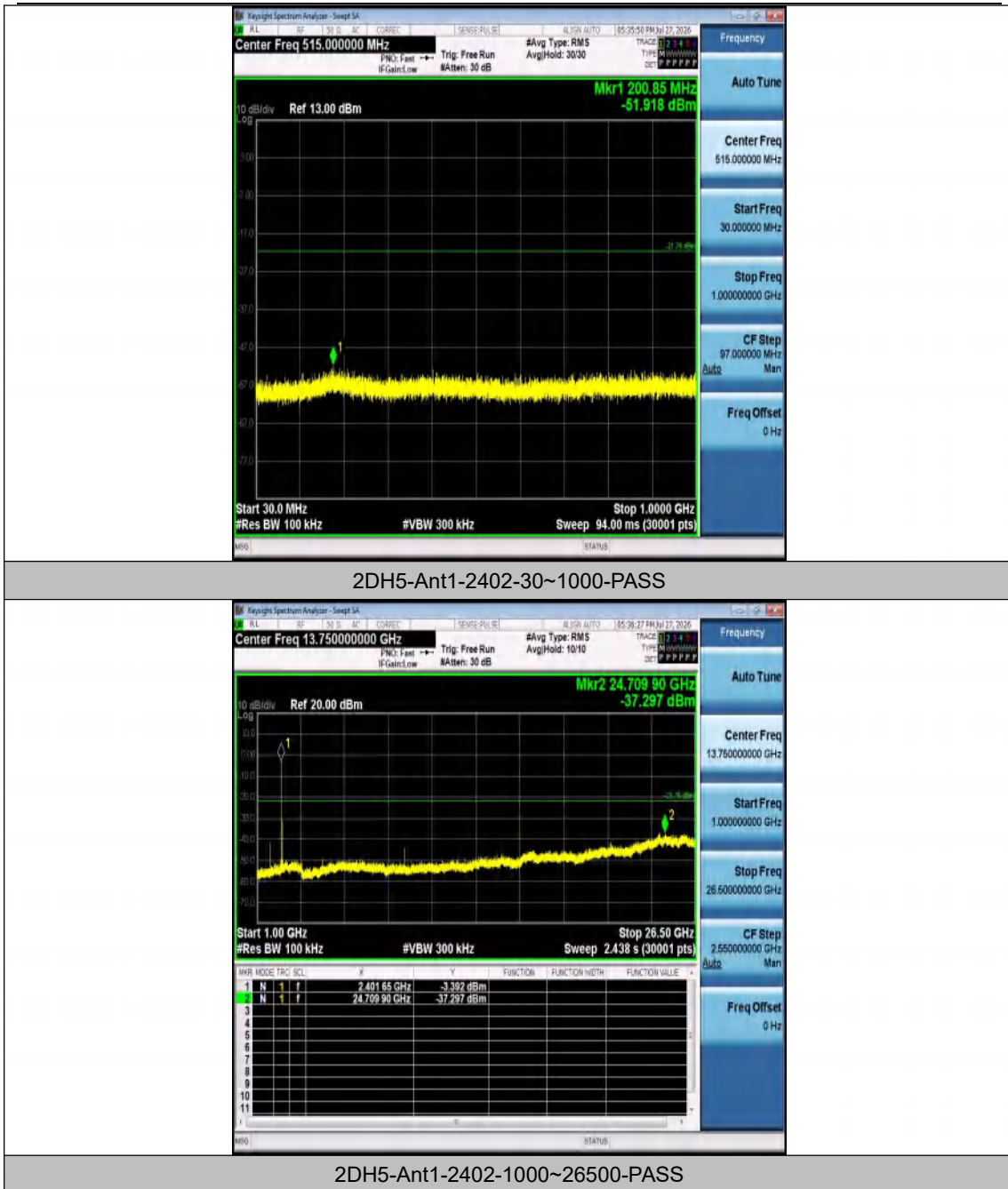


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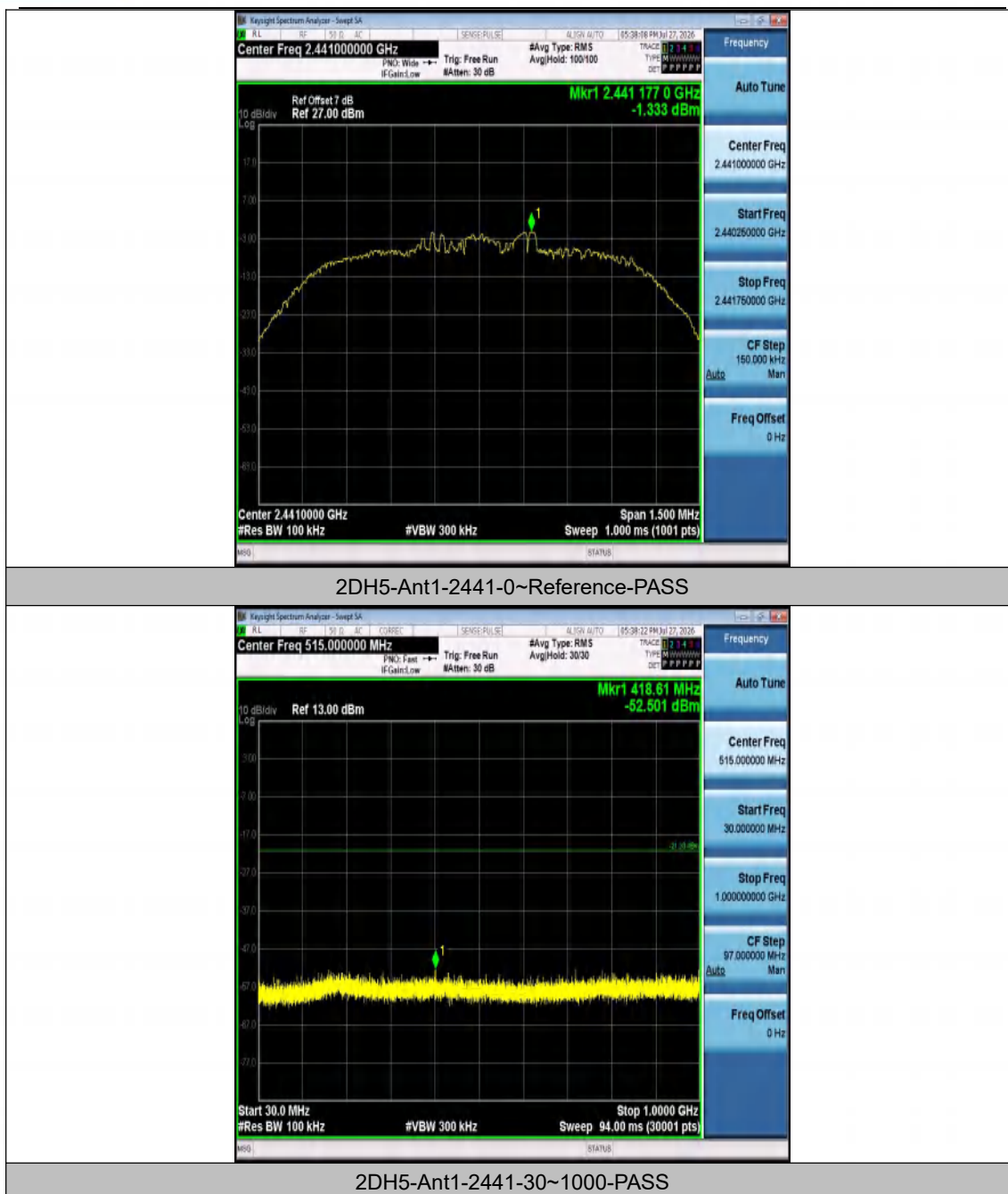




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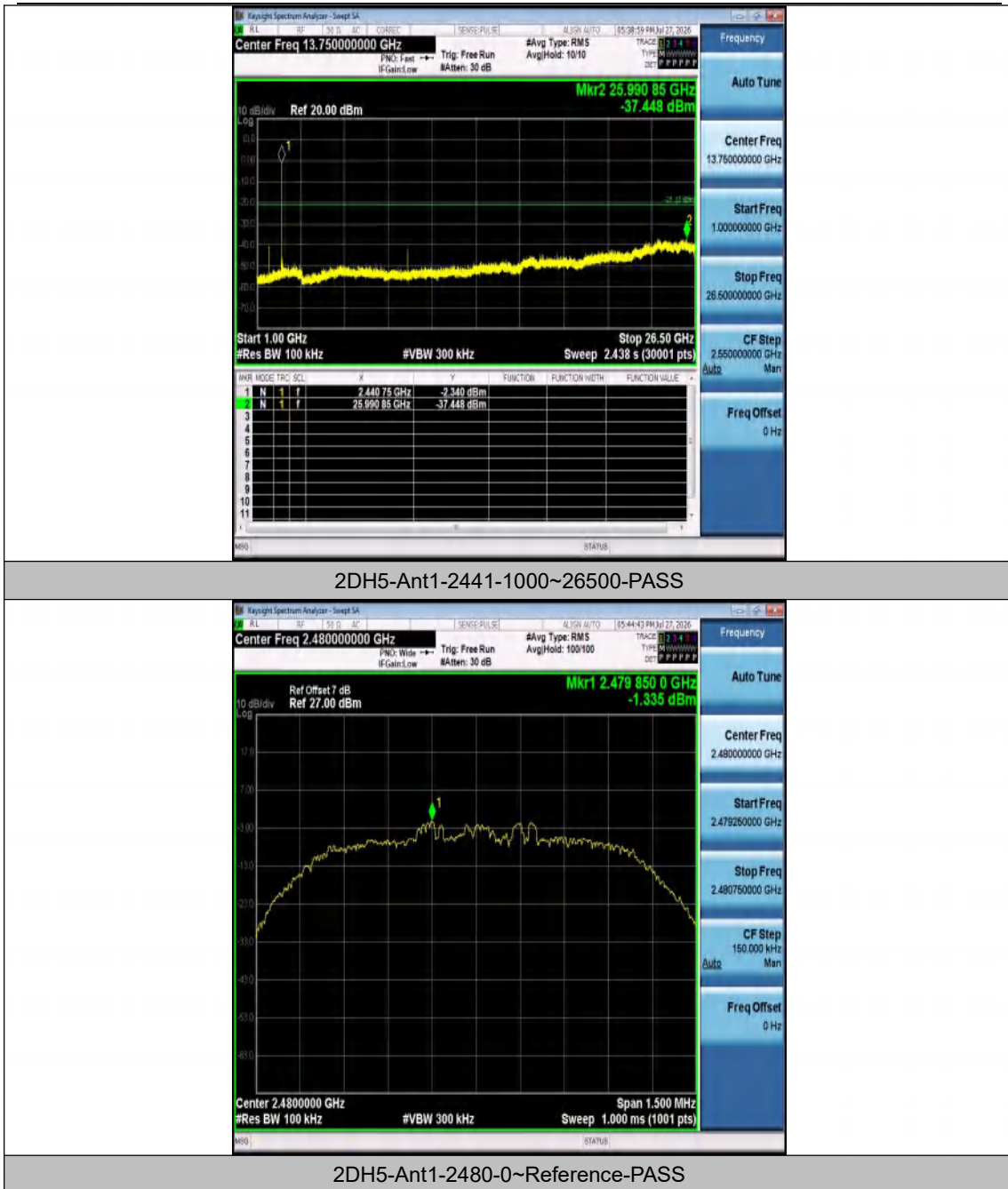
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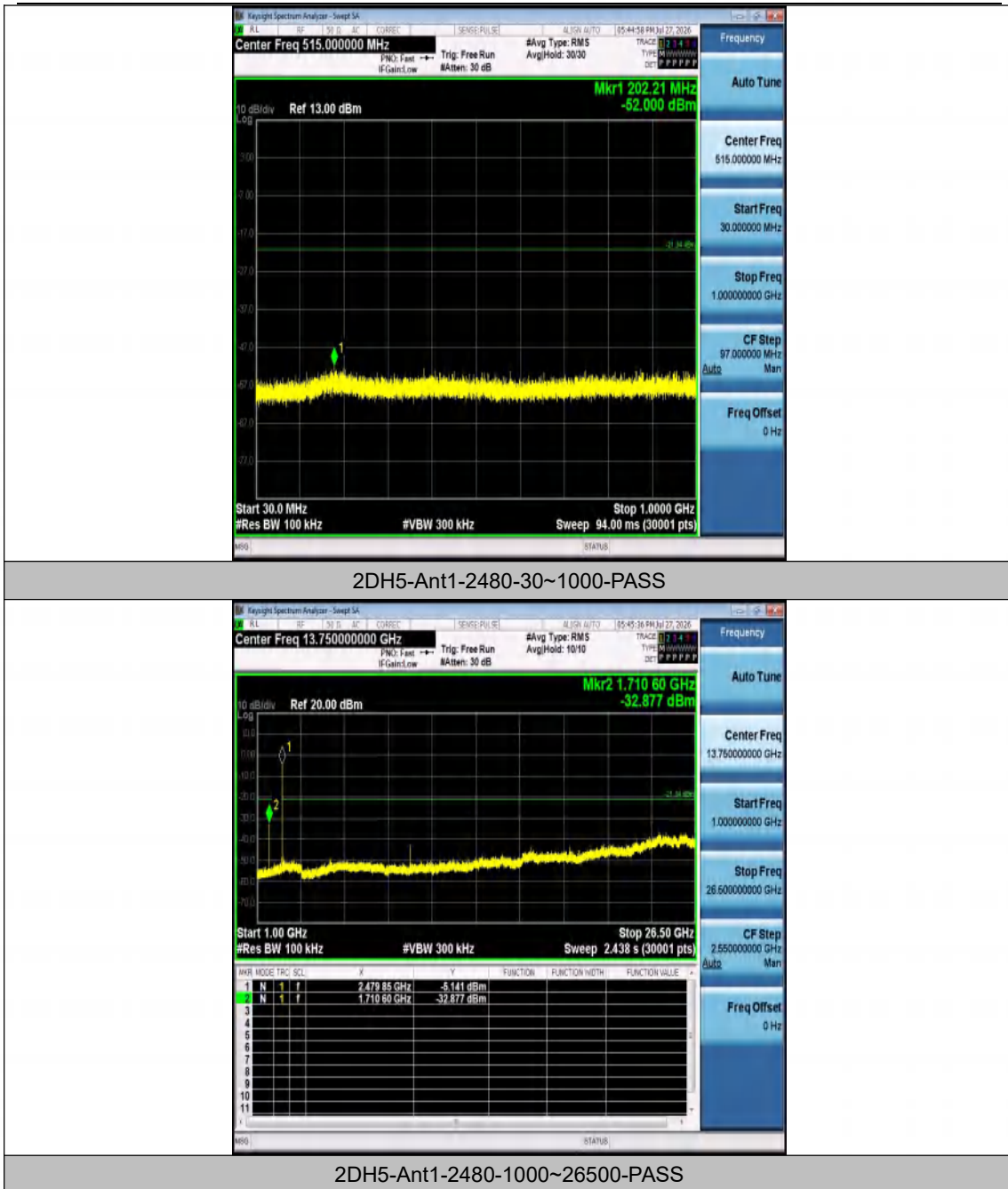
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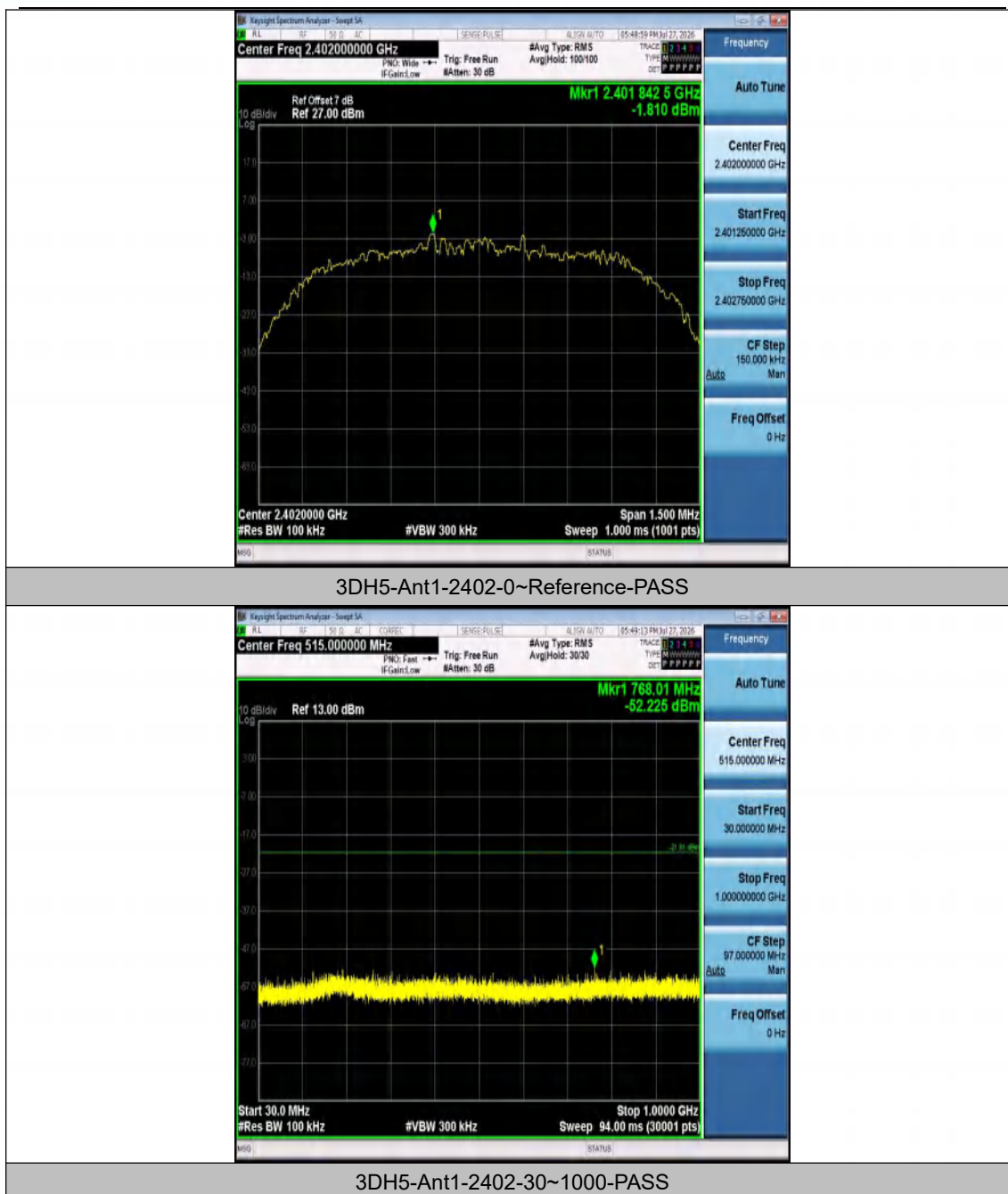
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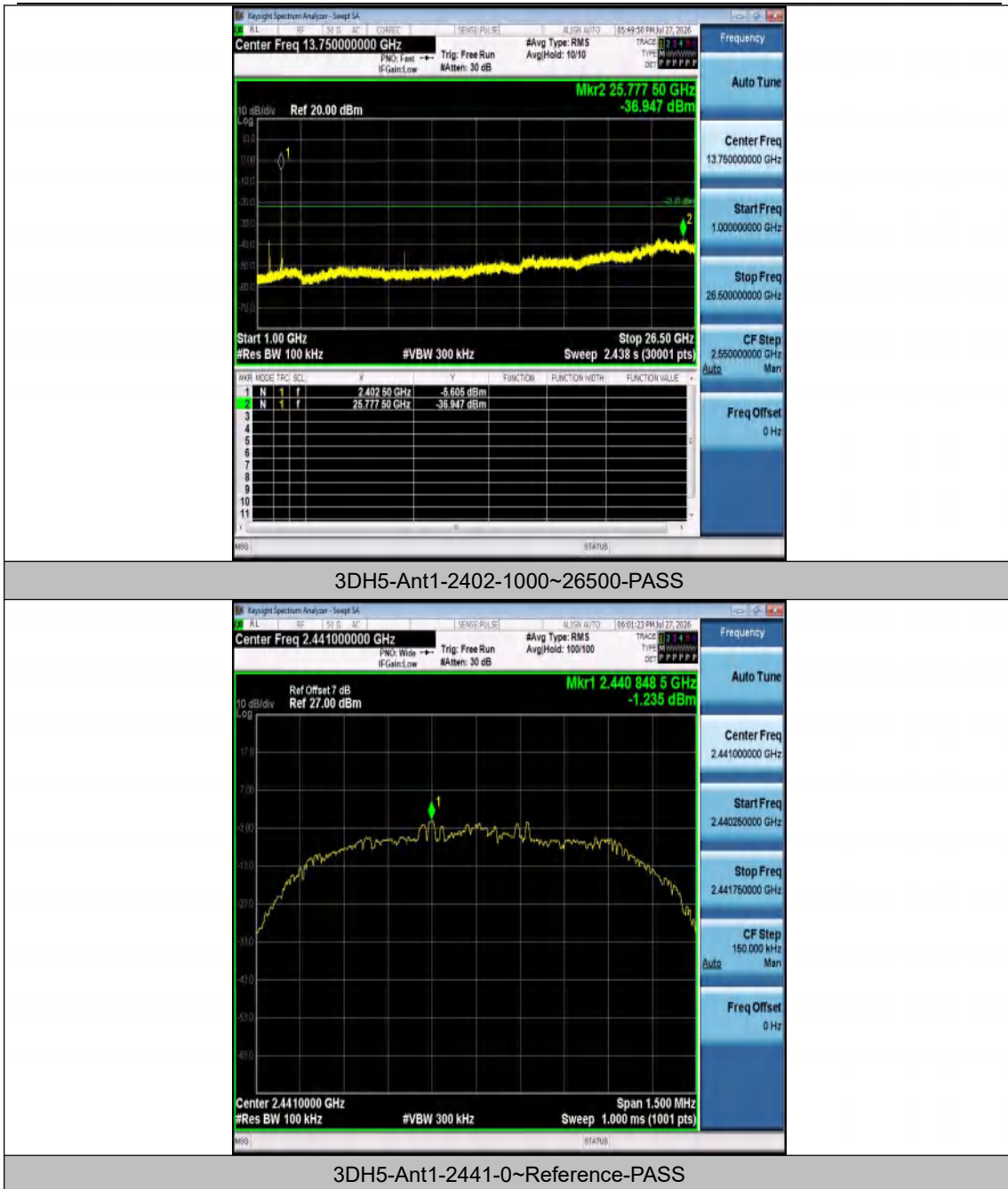
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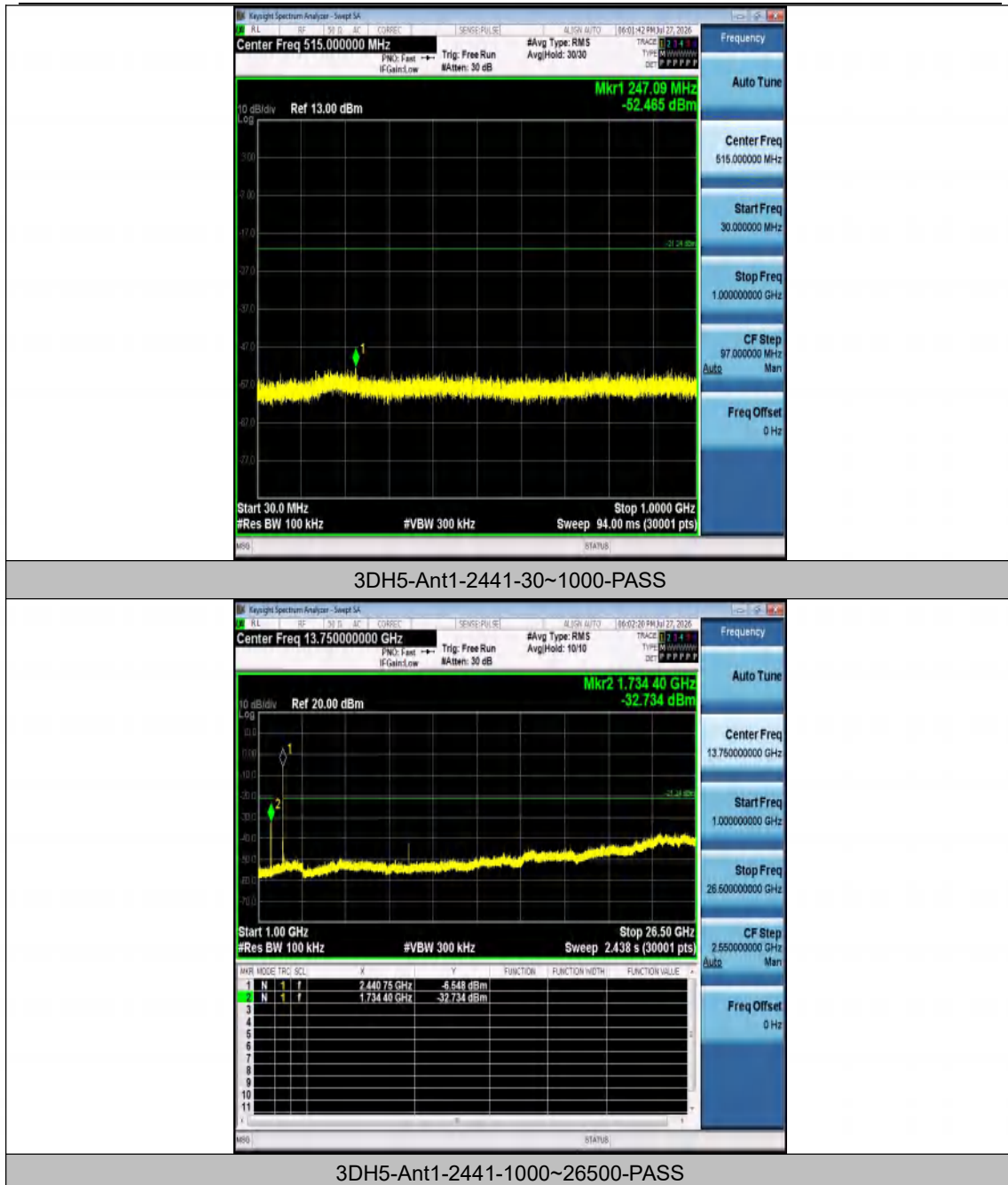
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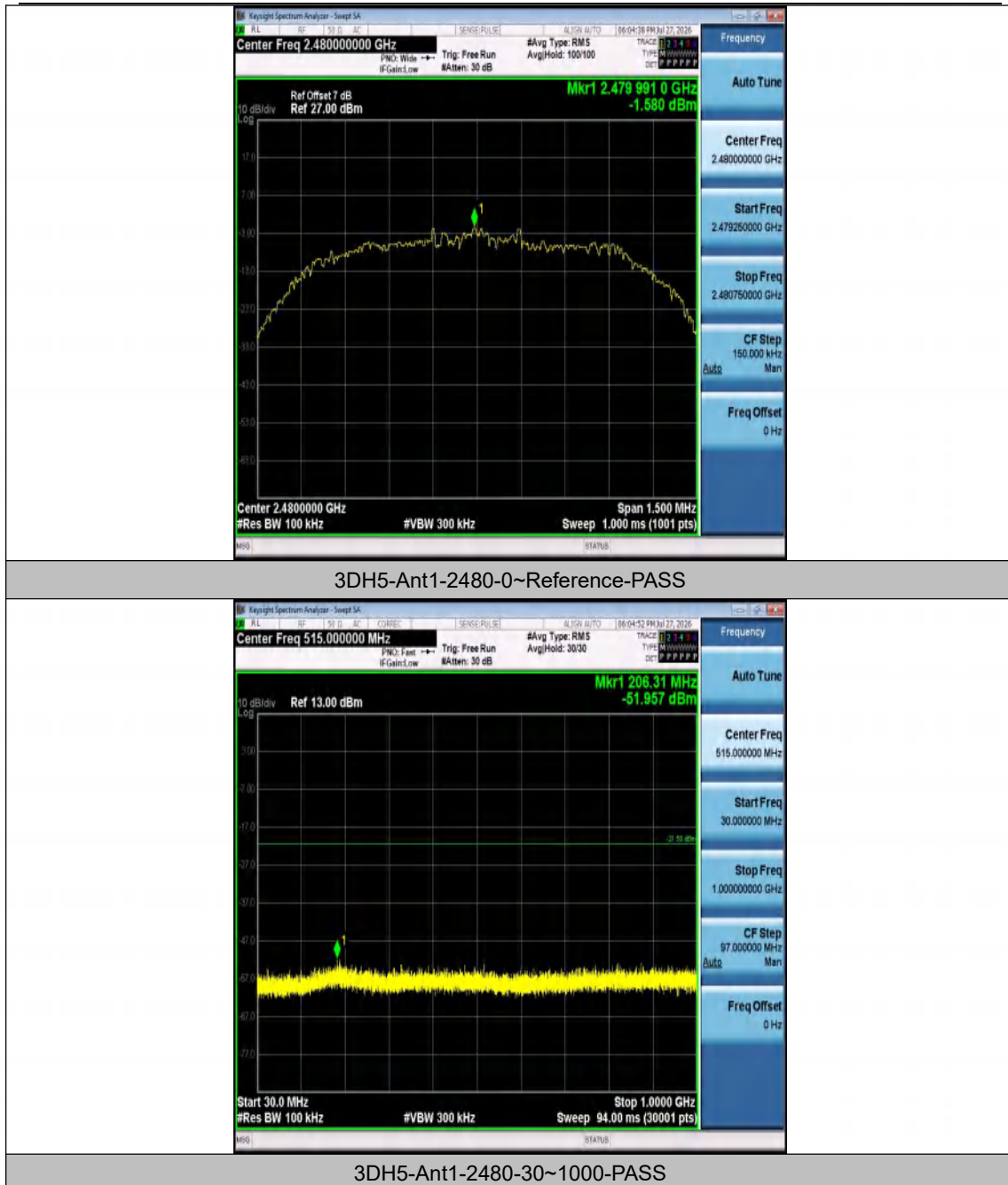


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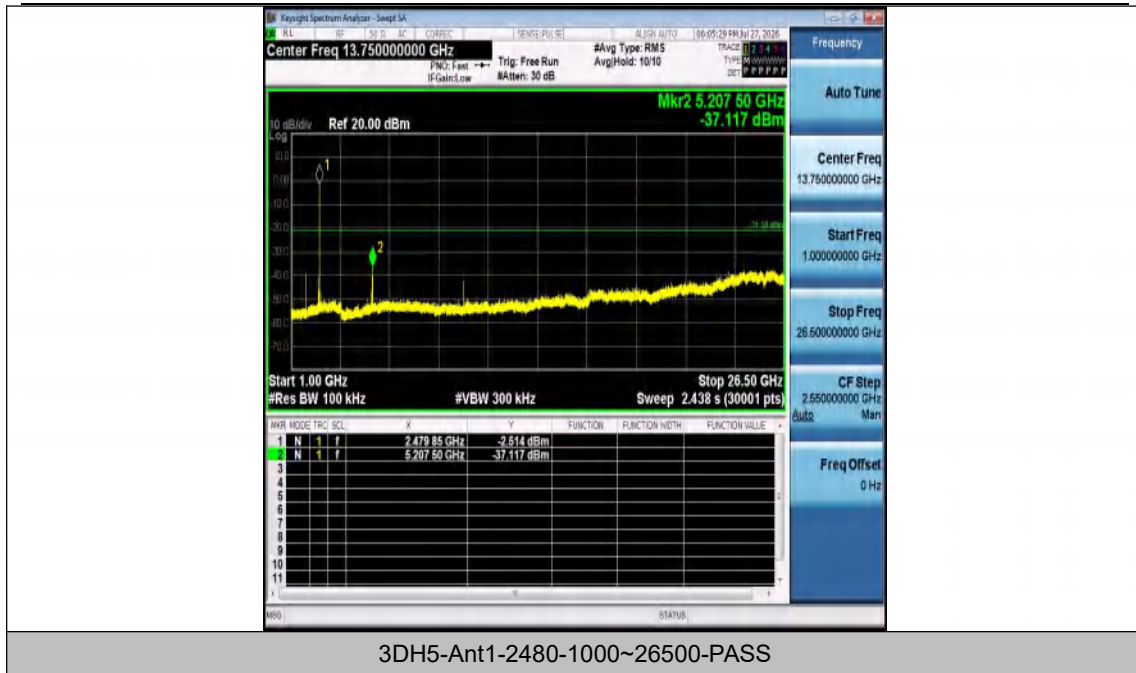




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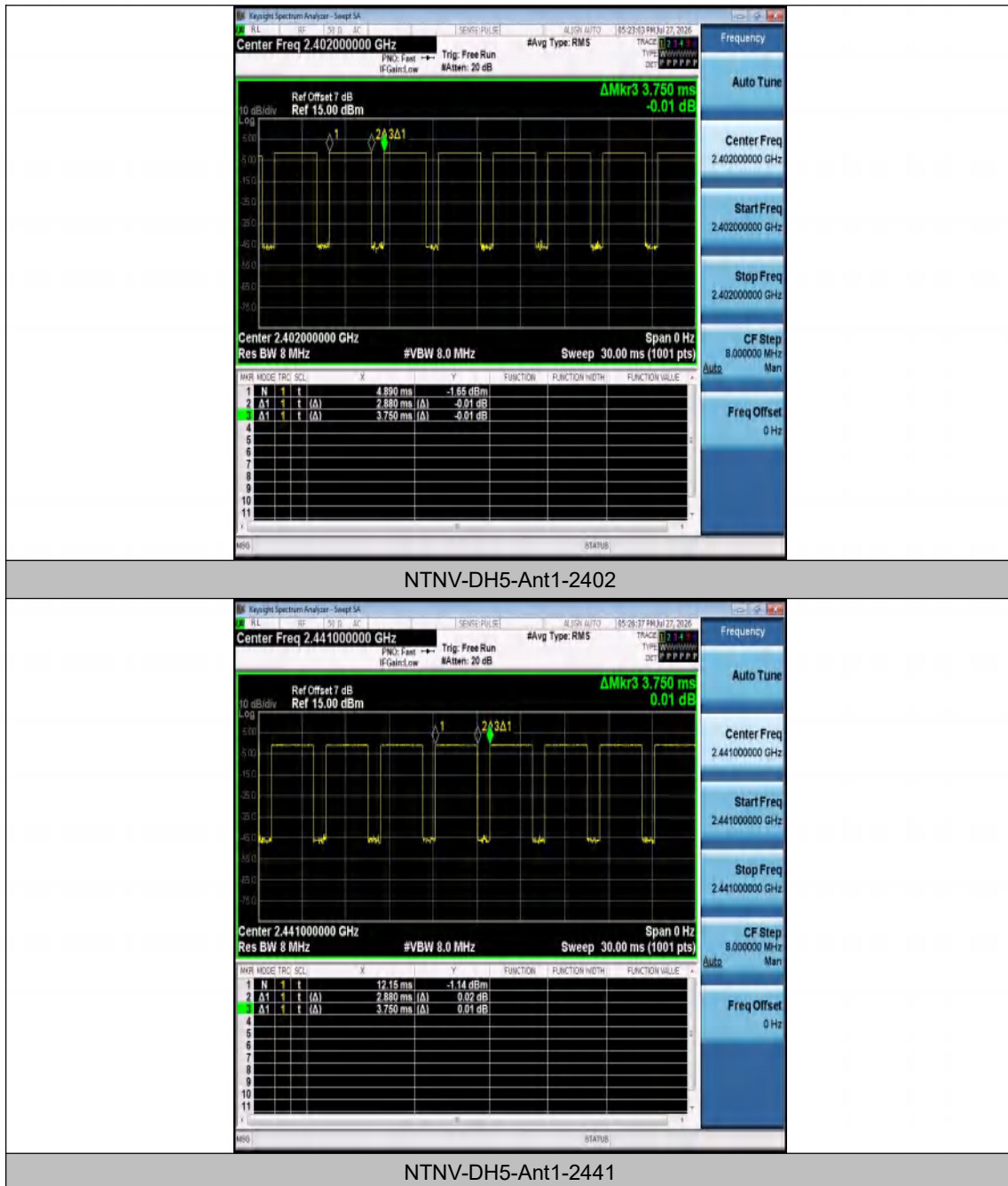
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Appendix I: Duty Cycle

Test Result

Test Mode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
DH5	Ant1	2402	2.88	3.75	76.80	1.15
DH5	Ant1	2441	2.88	3.75	76.80	1.15
DH5	Ant1	2480	2.91	3.75	77.60	1.10
2DH5	Ant1	2402	2.88	3.75	76.80	1.15
2DH5	Ant1	2441	2.91	3.75	77.60	1.10
2DH5	Ant1	2480	2.88	3.75	76.80	1.15
3DH5	Ant1	2402	2.91	3.75	77.60	1.10
3DH5	Ant1	2441	2.88	3.75	76.80	1.15
3DH5	Ant1	2480	2.88	3.75	76.80	1.15

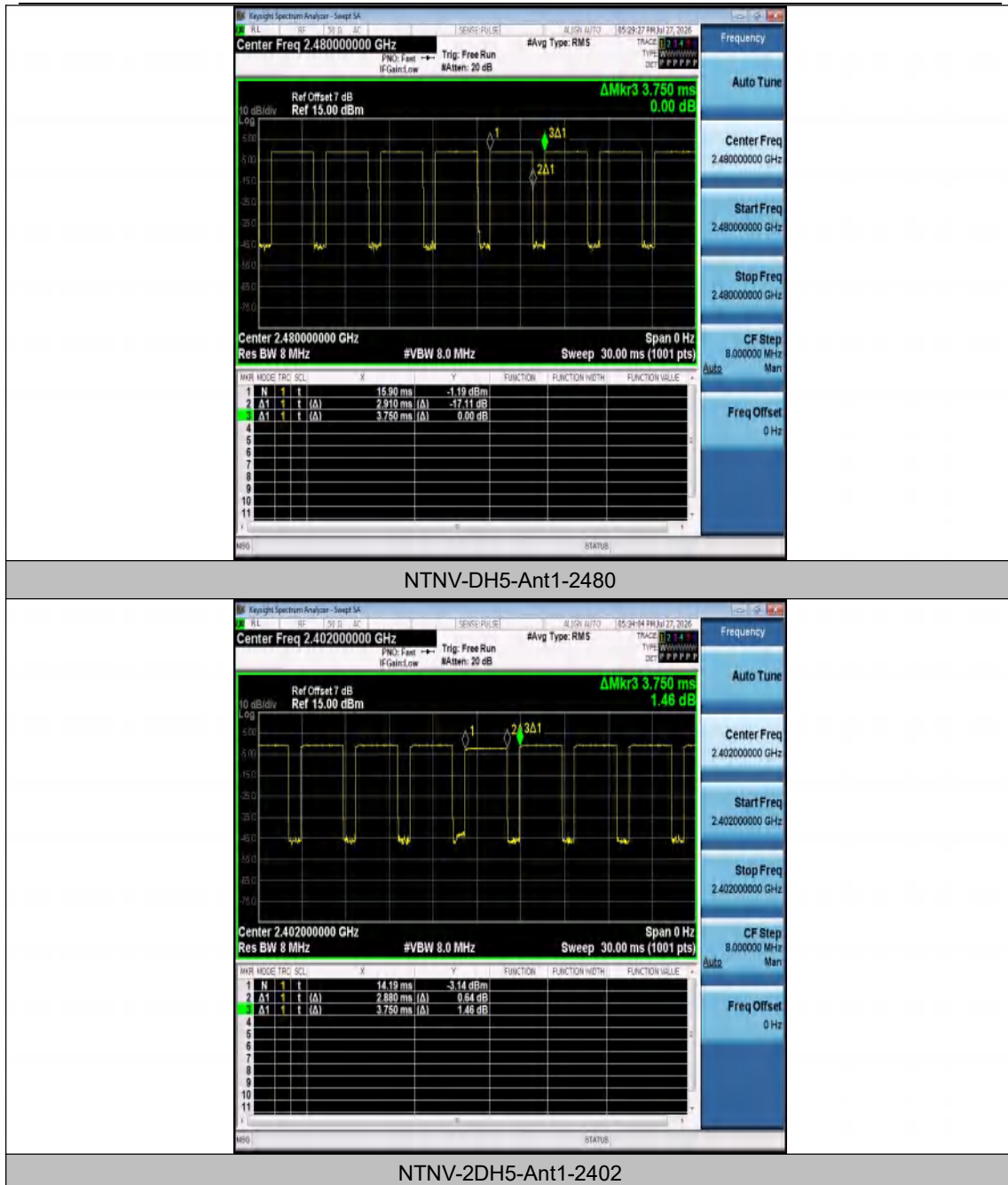
Test Graphs

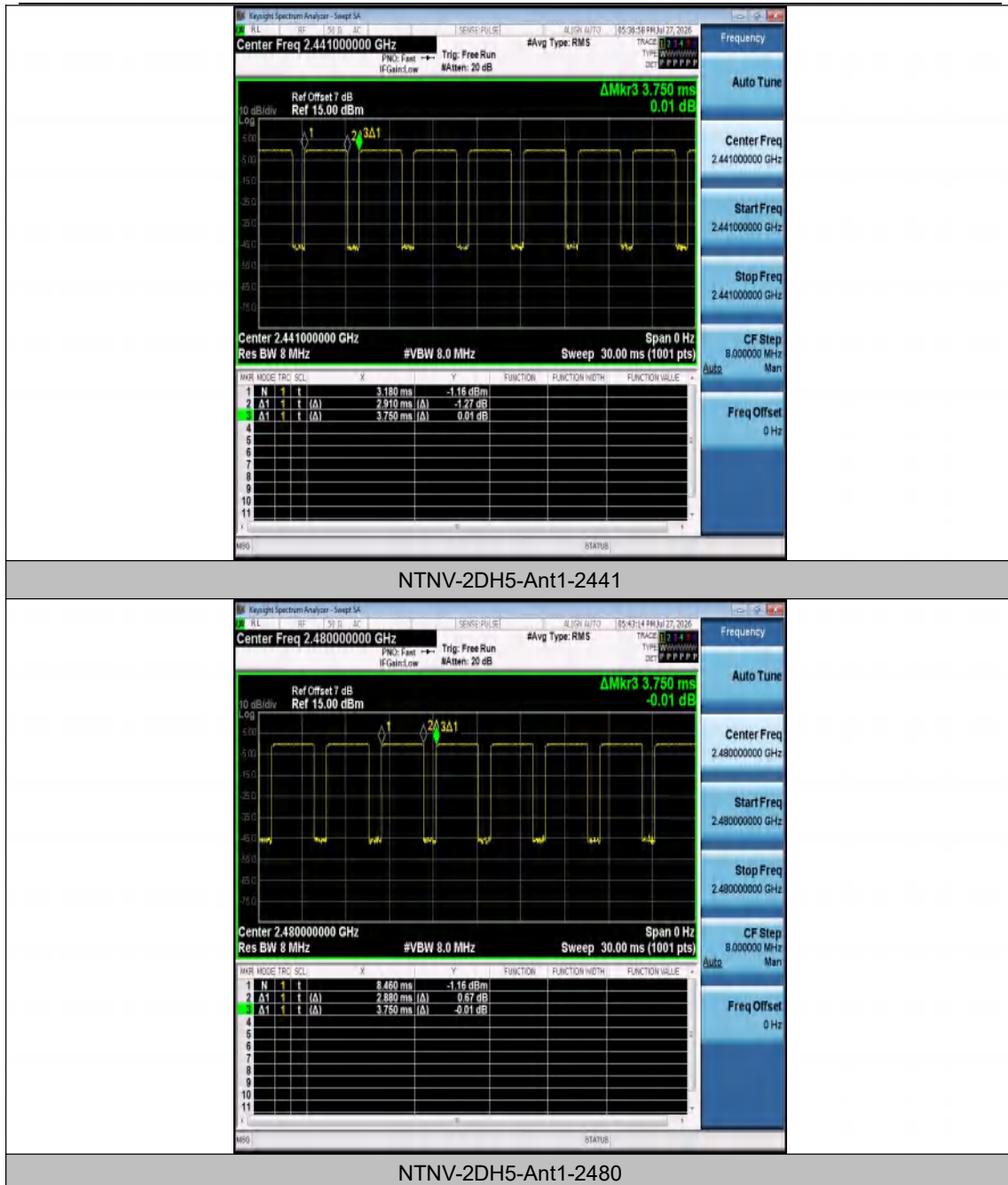


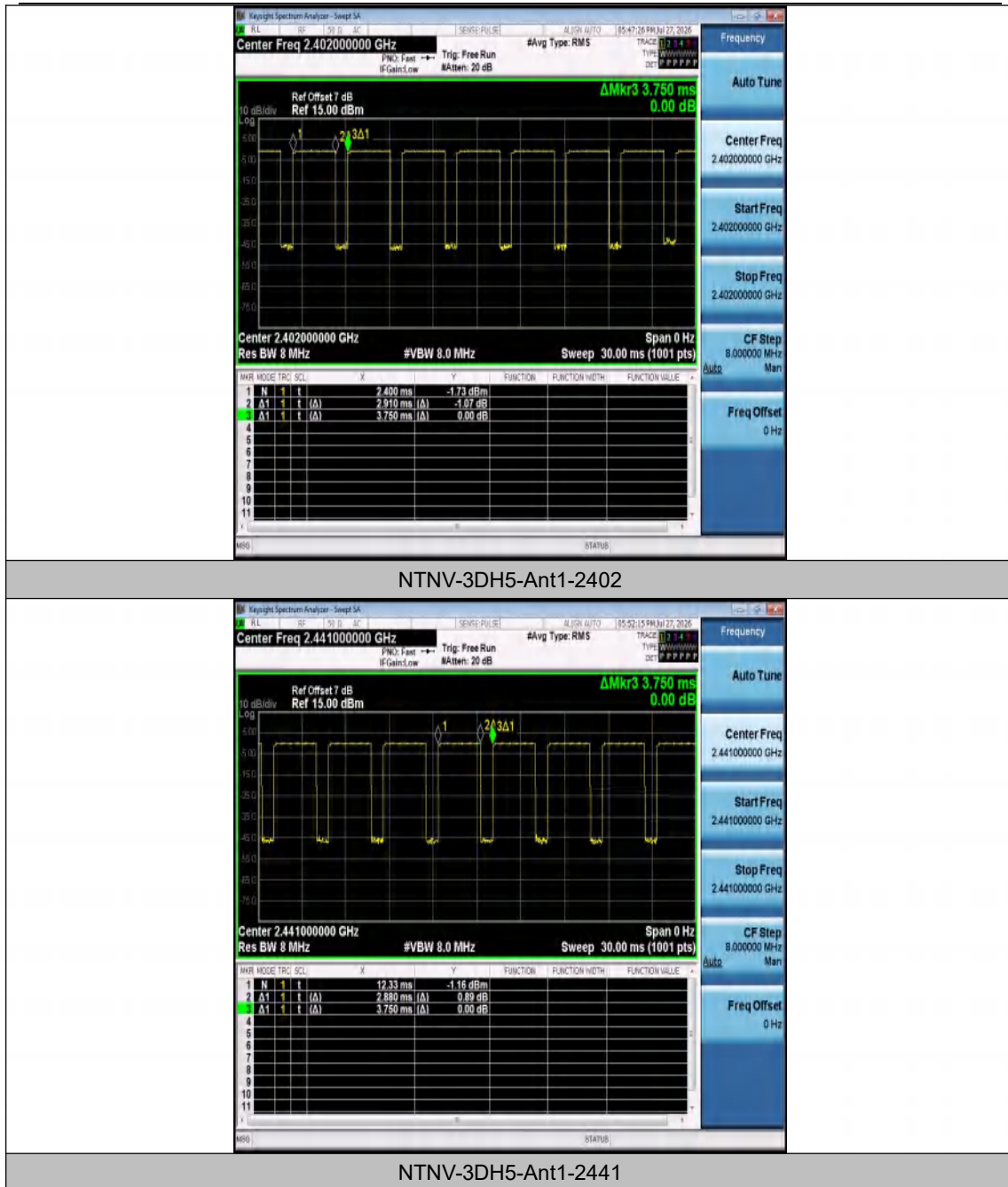
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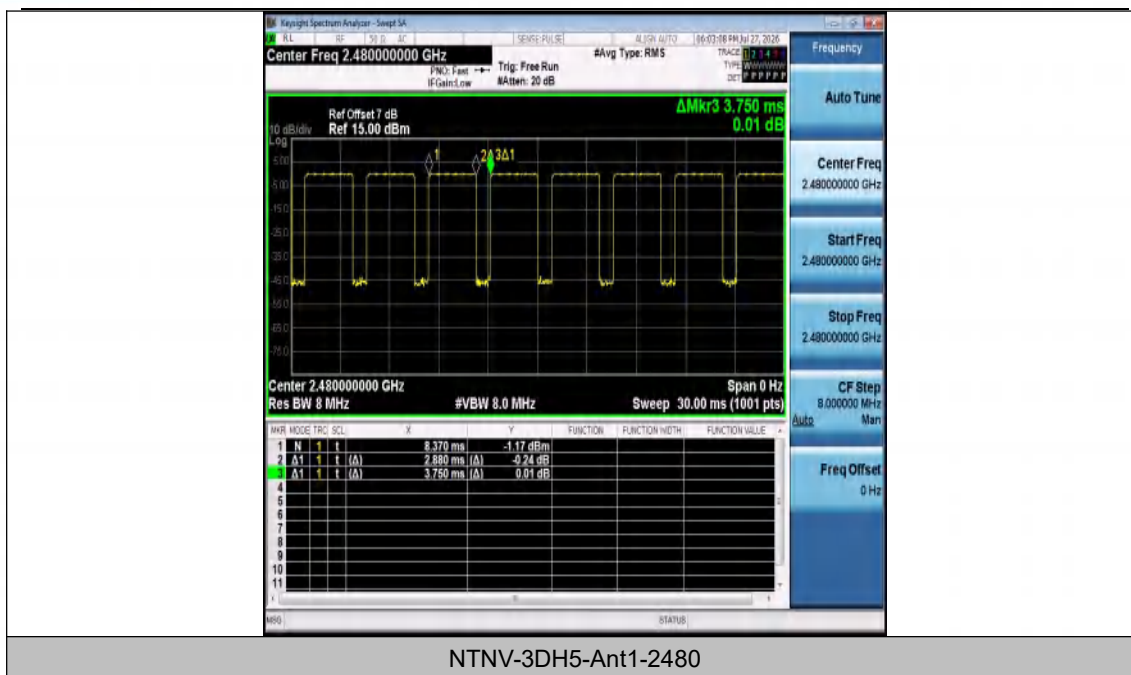
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