

Appendix Test Data

Report No.:	1812C60367312501-01	Test Sample No.:	1-2-2
Start Test Date:	2026-7-2	Finish Test Date:	2026-7-6
Test Engineer:	Pearl Ao	Auditor:	Justin Feng
Temperature:	24.8°C	Relative Humidity:	64%
Pressure:	99.9kPa		



Appendix A: 20dB Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.963	2401.607	2402.570	---	---
DH5	Ant1	2441	1.038	2440.538	2441.576	---	---
DH5	Ant1	2480	1.032	2479.544	2480.576	---	---
2DH5	Ant1	2402	1.344	2401.403	2402.747	---	---
2DH5	Ant1	2441	1.323	2440.412	2441.735	---	---
2DH5	Ant1	2480	1.287	2479.445	2480.732	---	---
3DH5	Ant1	2402	1.266	2401.442	2402.708	---	---
3DH5	Ant1	2441	1.326	2440.418	2441.744	---	---
3DH5	Ant1	2480	1.260	2479.439	2480.699	---	---

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	0.88810	2401.6358	2402.5239	---	---
DH5	Ant1	2441	0.90227	2440.6317	2441.5340	---	---
DH5	Ant1	2480	0.89743	2479.6338	2480.5312	---	---
2DH5	Ant1	2402	1.1756	2401.4862	2402.6618	---	---
2DH5	Ant1	2441	1.1841	2440.4837	2441.6678	---	---
2DH5	Ant1	2480	1.1758	2479.4883	2480.6641	---	---
3DH5	Ant1	2402	1.1794	2401.4883	2402.6677	---	---
3DH5	Ant1	2441	1.1885	2440.4826	2441.6711	---	---
3DH5	Ant1	2480	1.1813	2479.4902	2480.6715	---	---

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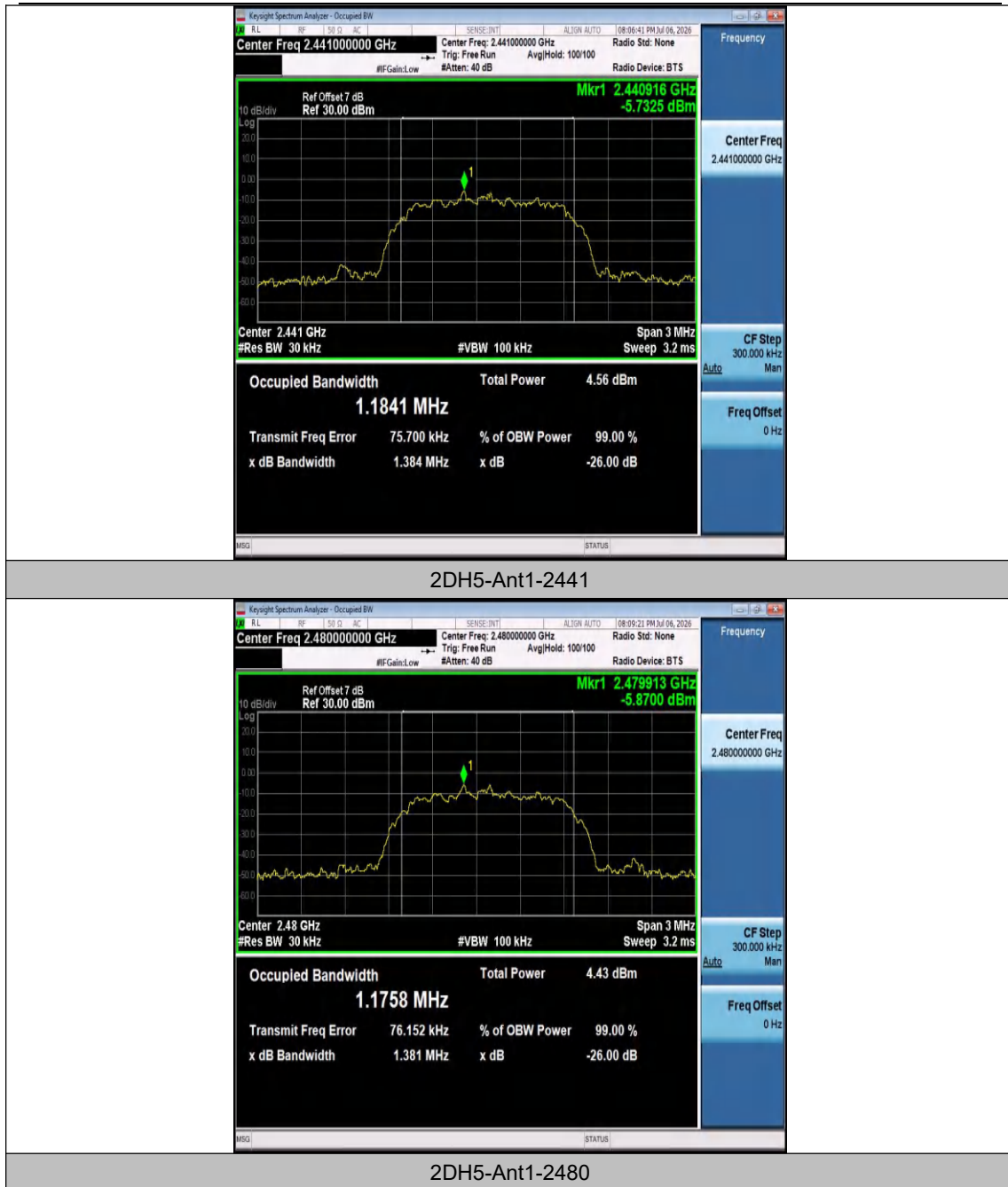
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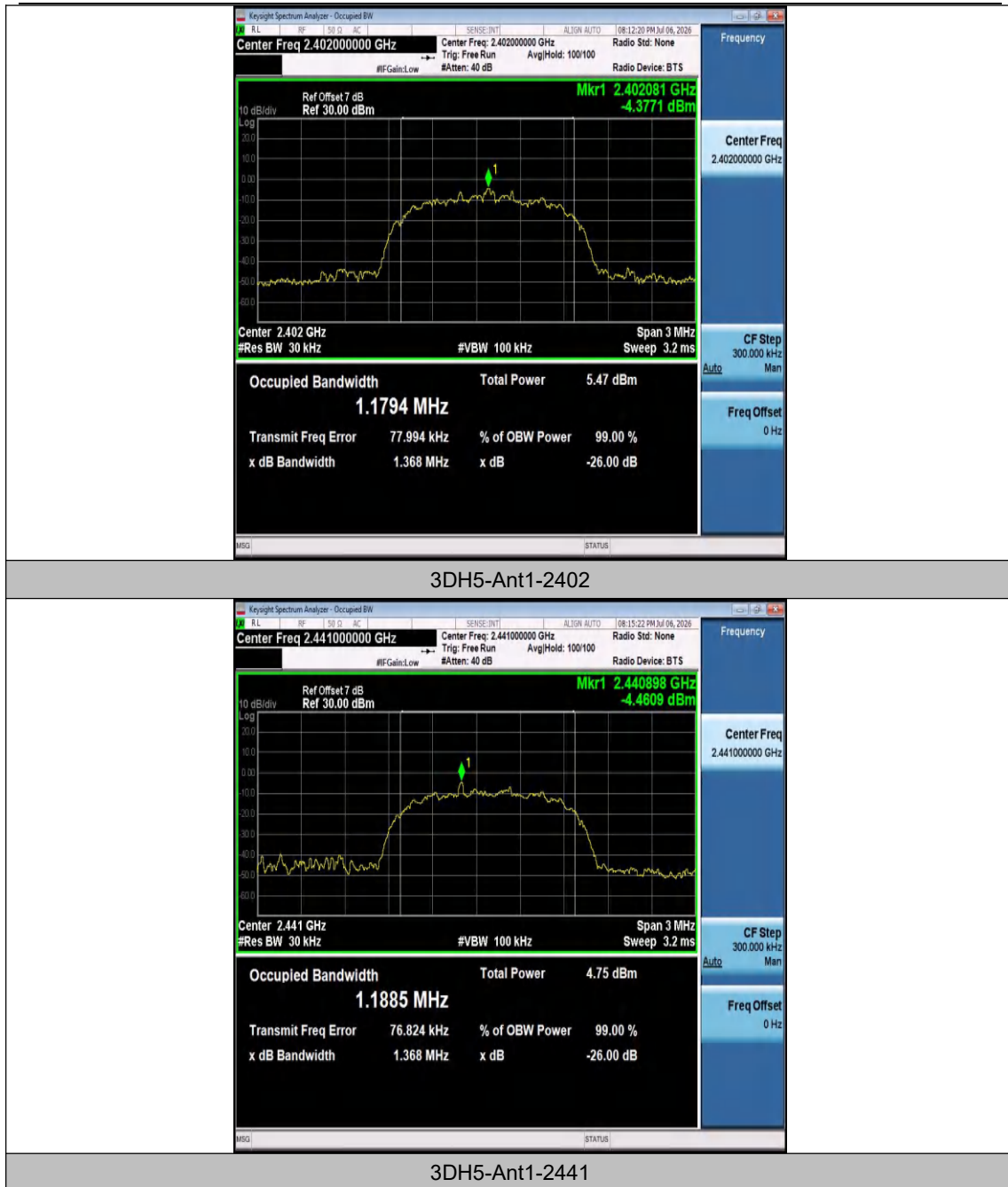
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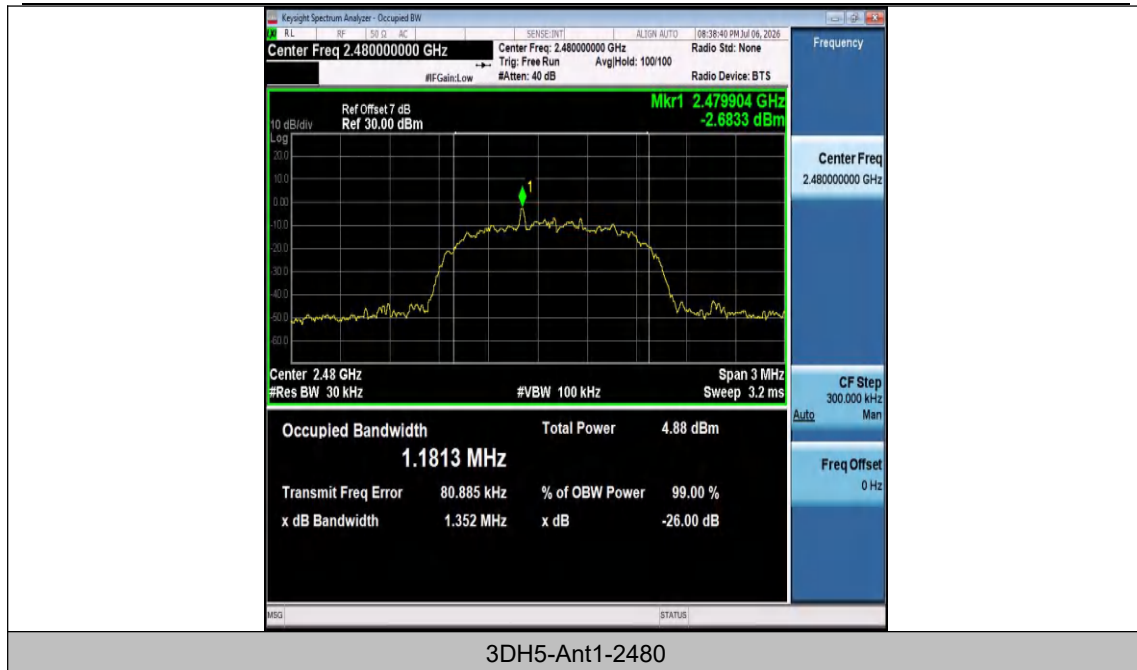


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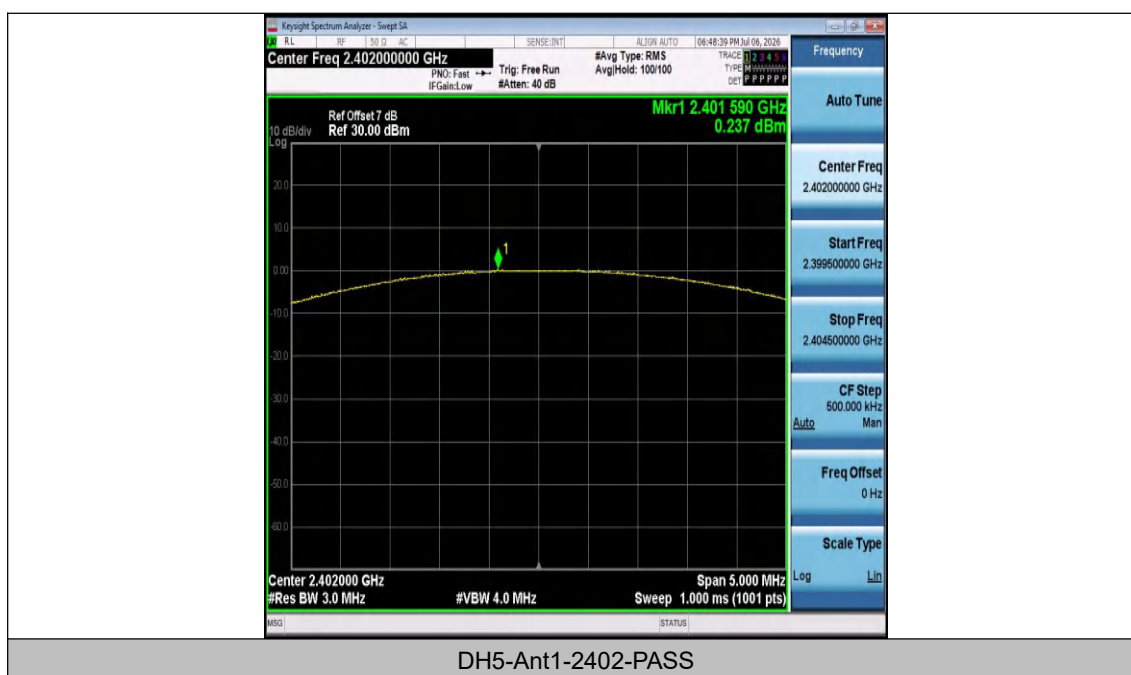
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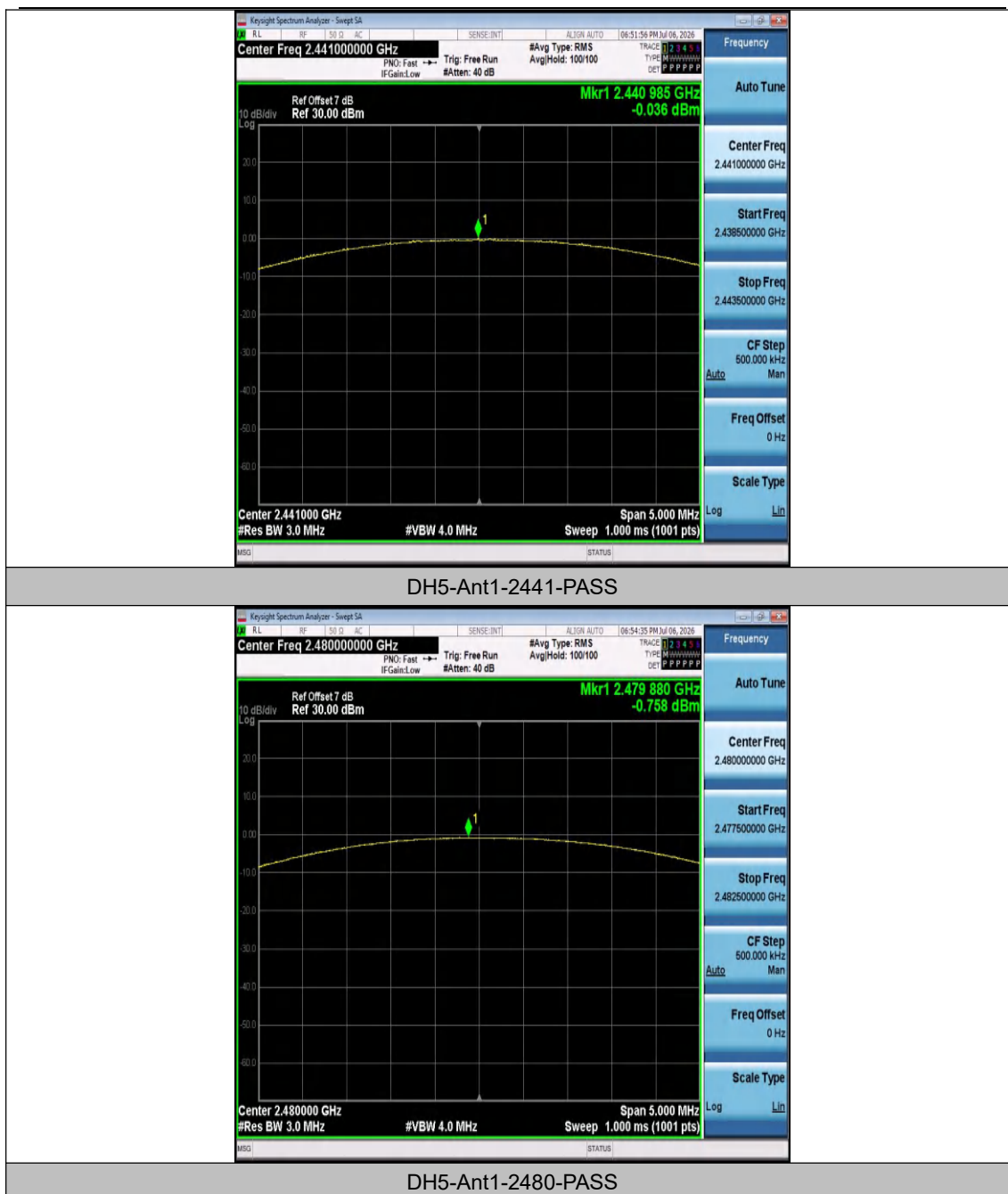
Appendix C: Maximum Conducted Output Power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	0.24	≤20.97	PASS
DH5	Ant1	2441	-0.04	≤20.97	PASS
DH5	Ant1	2480	-0.76	≤20.97	PASS
2DH5	Ant1	2402	0.62	≤20.97	PASS
2DH5	Ant1	2441	0.27	≤20.97	PASS
2DH5	Ant1	2480	0.11	≤20.97	PASS
3DH5	Ant1	2402	0.96	≤20.97	PASS
3DH5	Ant1	2441	0.71	≤20.97	PASS
3DH5	Ant1	2480	0.35	≤20.97	PASS

Test Graphs

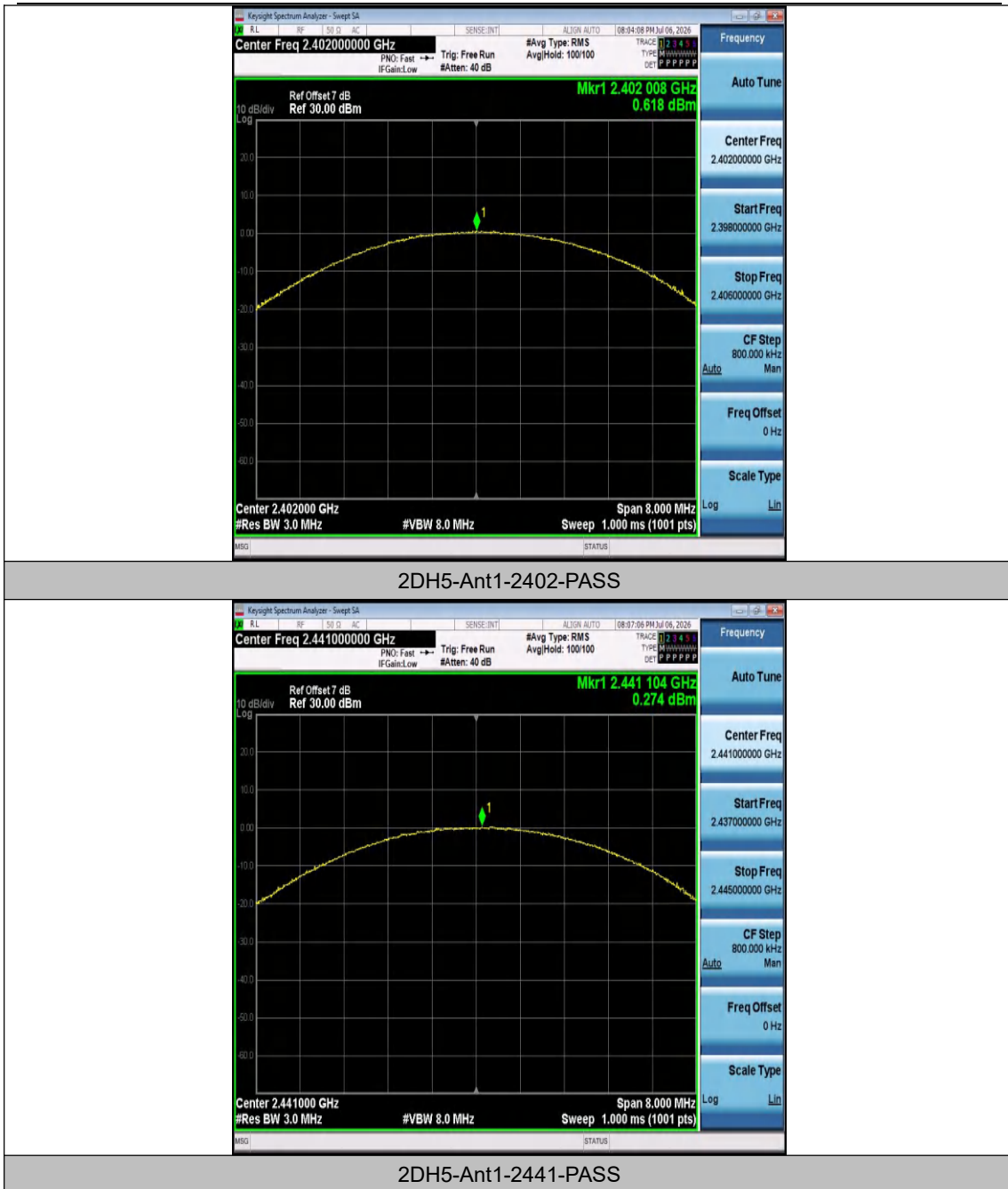




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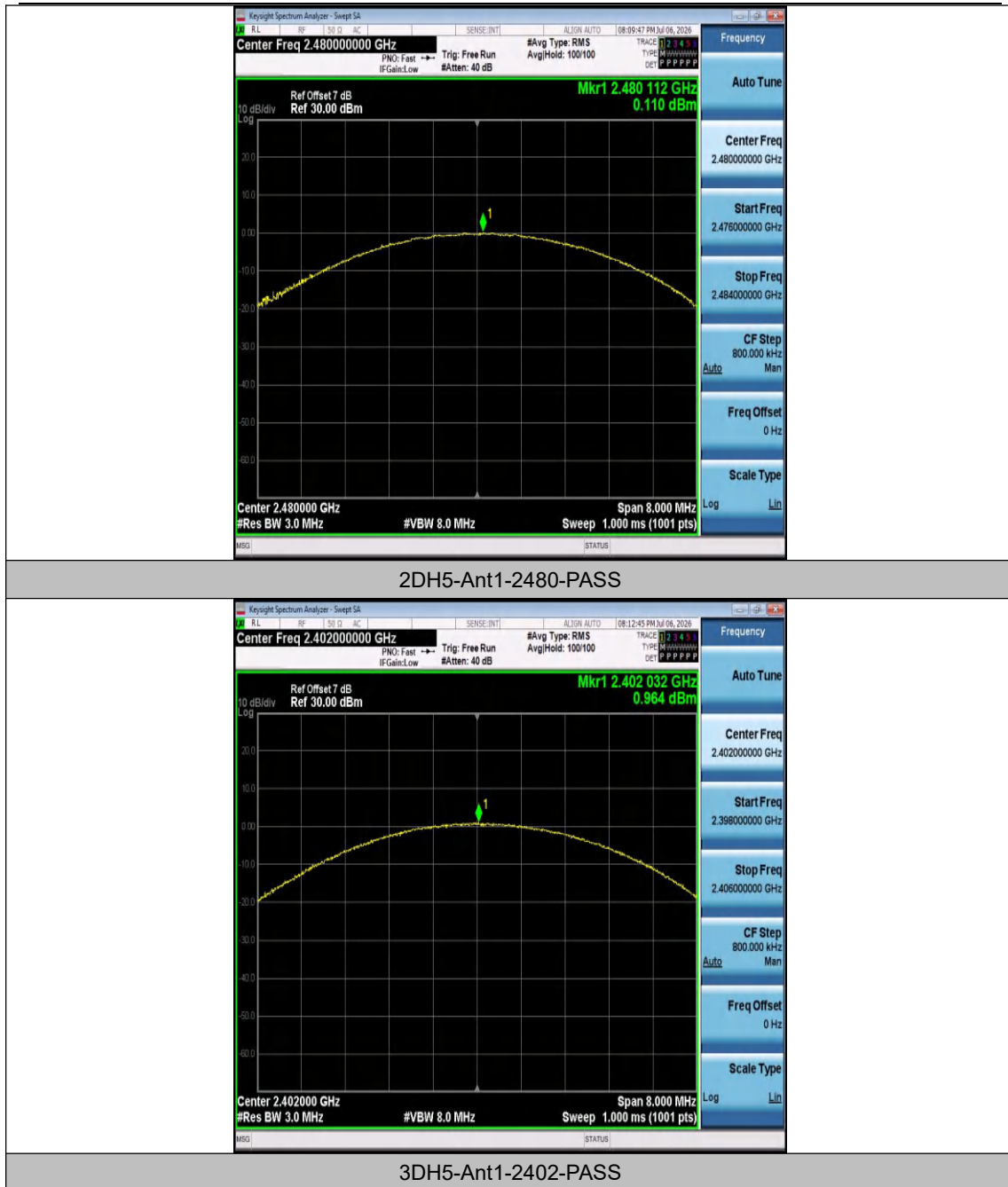
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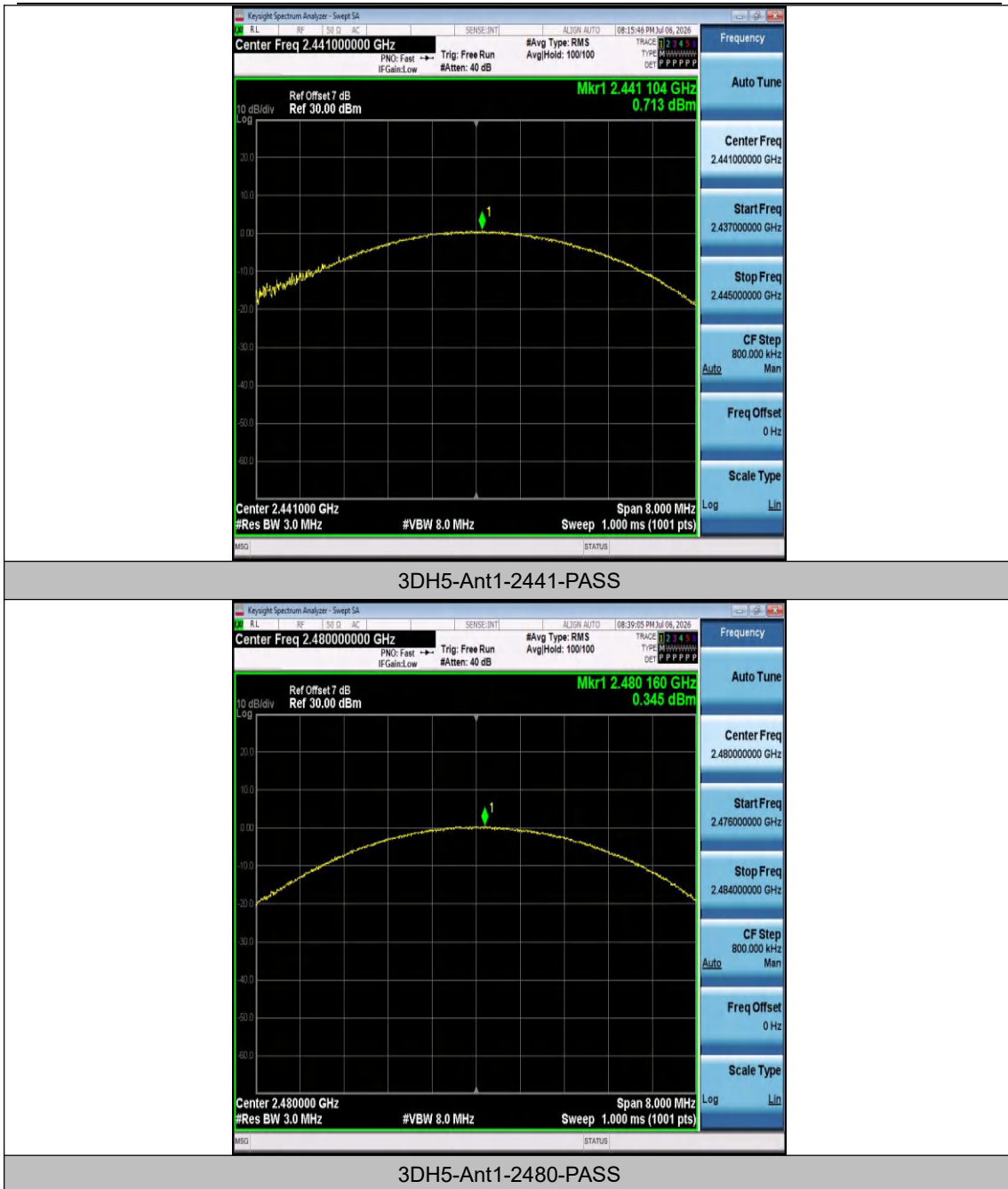
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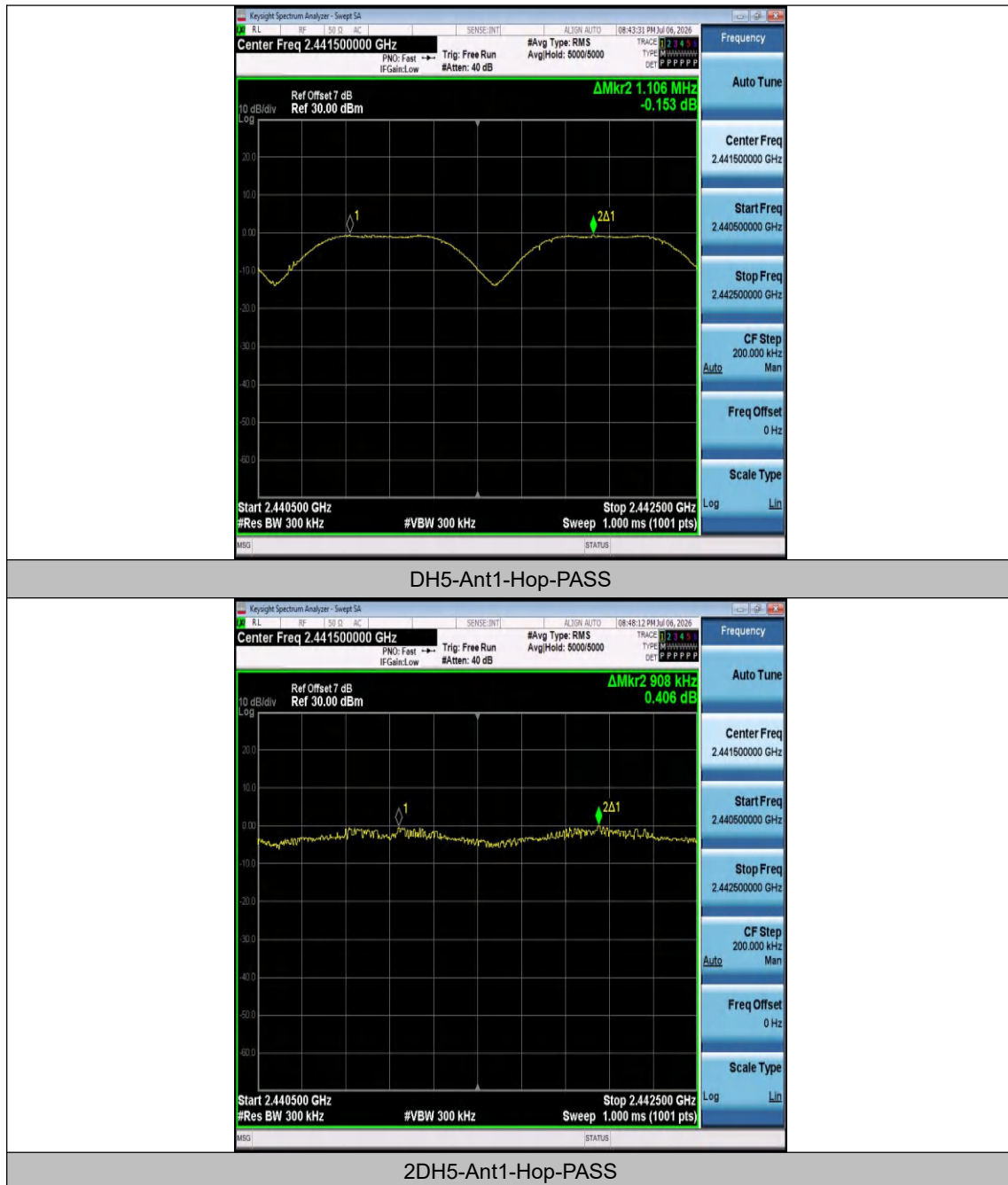
Appendix D: Carrier frequency separation

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.106	≥ 0.692	PASS
2DH5	Ant1	Hop	0.908	≥ 0.896	PASS
3DH5	Ant1	Hop	1.098	≥ 0.884	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.

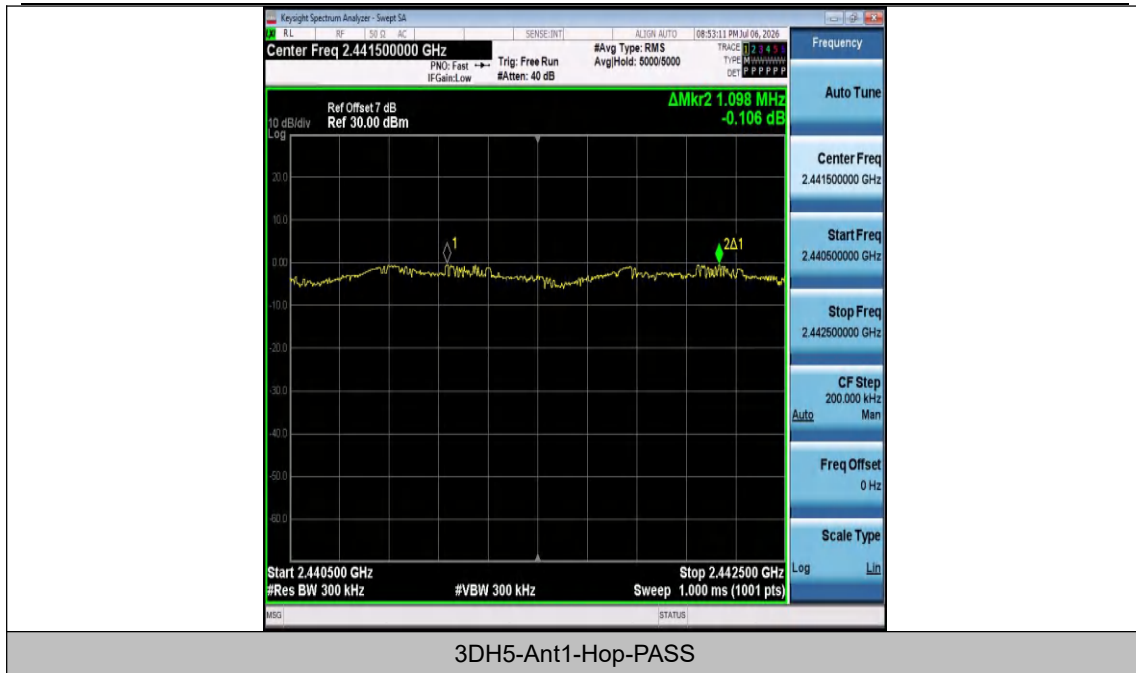
Test Graphs



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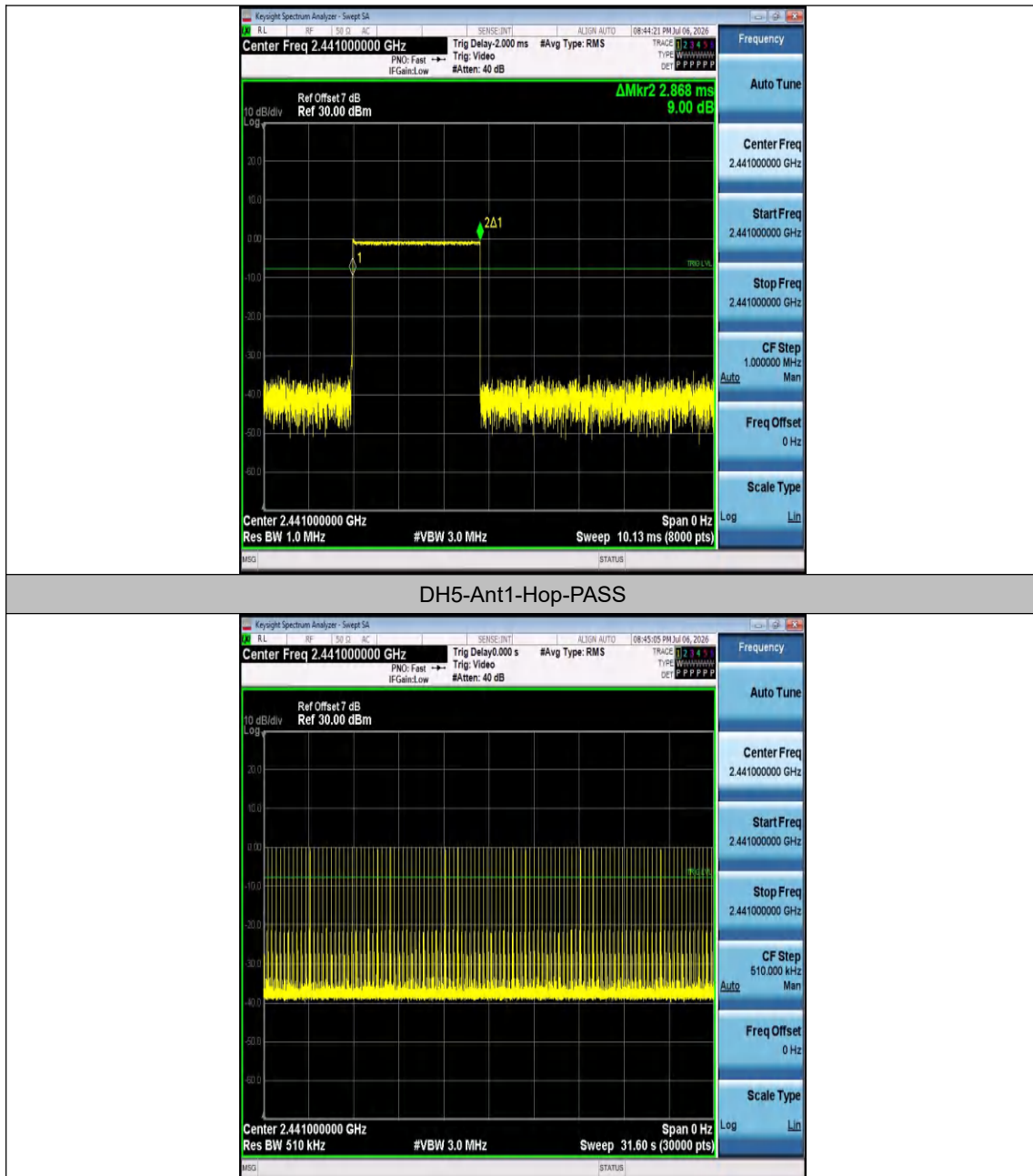
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Appendix E: Dwell Time

Test Result

Test Mode	Antenna	Frequency [MHz]	Burst Width [ms]	Total Hops [Num]	Result [s]	Limit [s]	Verdict
DH5	Ant1	Hop	2.868	106	0.304	≤0.4	PASS
2DH5	Ant1	Hop	2.879	107	0.308	≤0.4	PASS
3DH5	Ant1	Hop	2.880	107	0.308	≤0.4	PASS

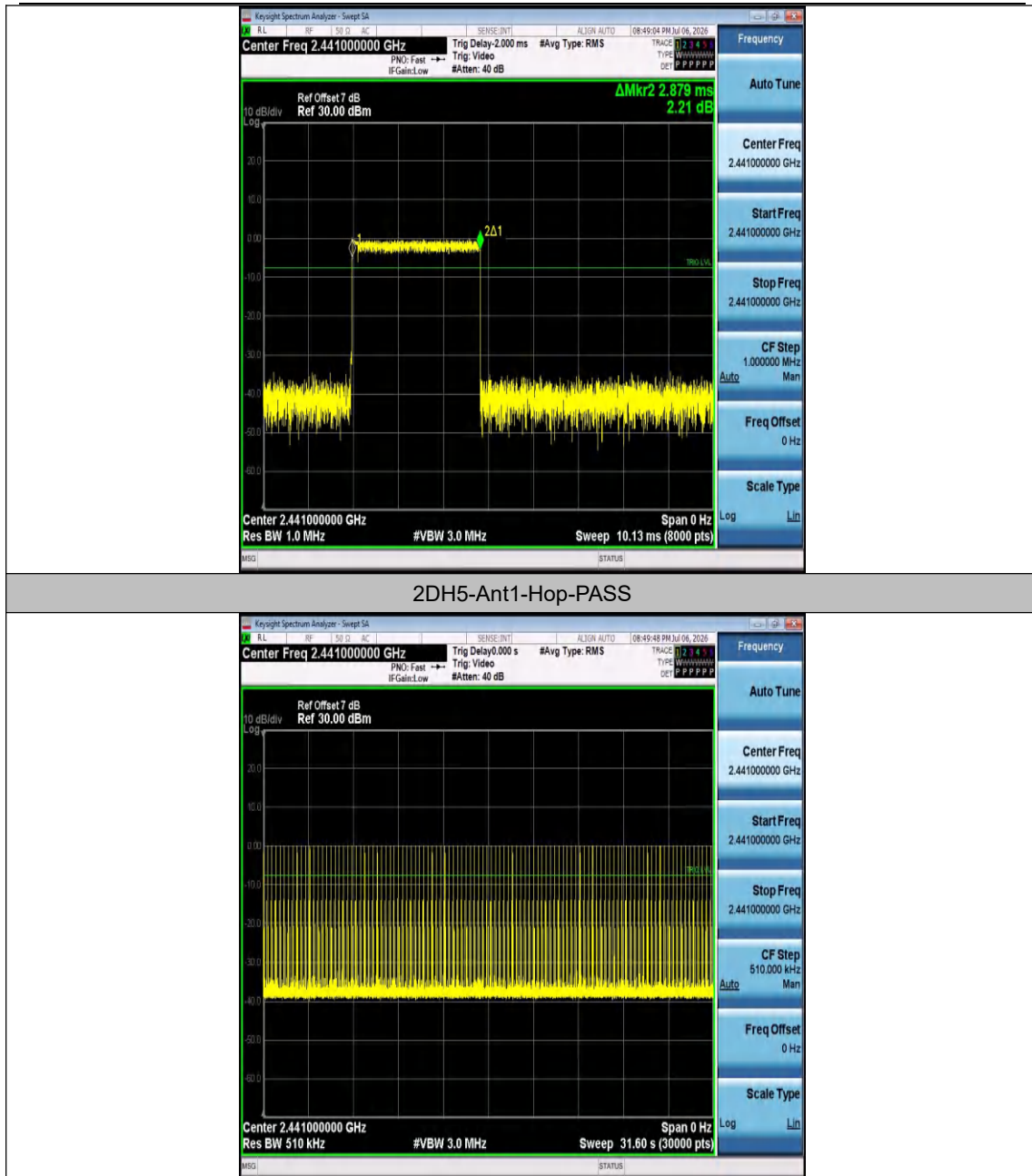
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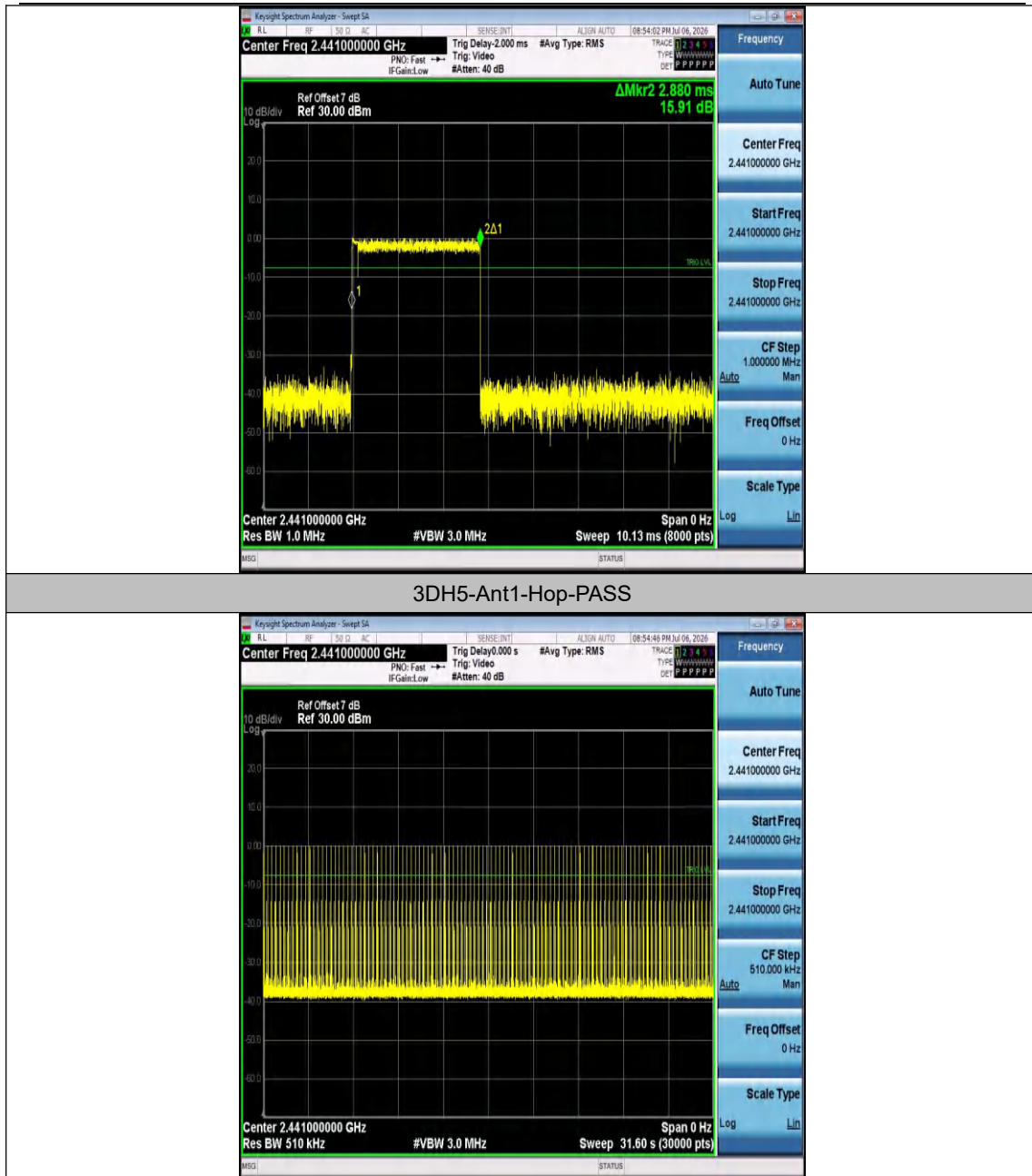
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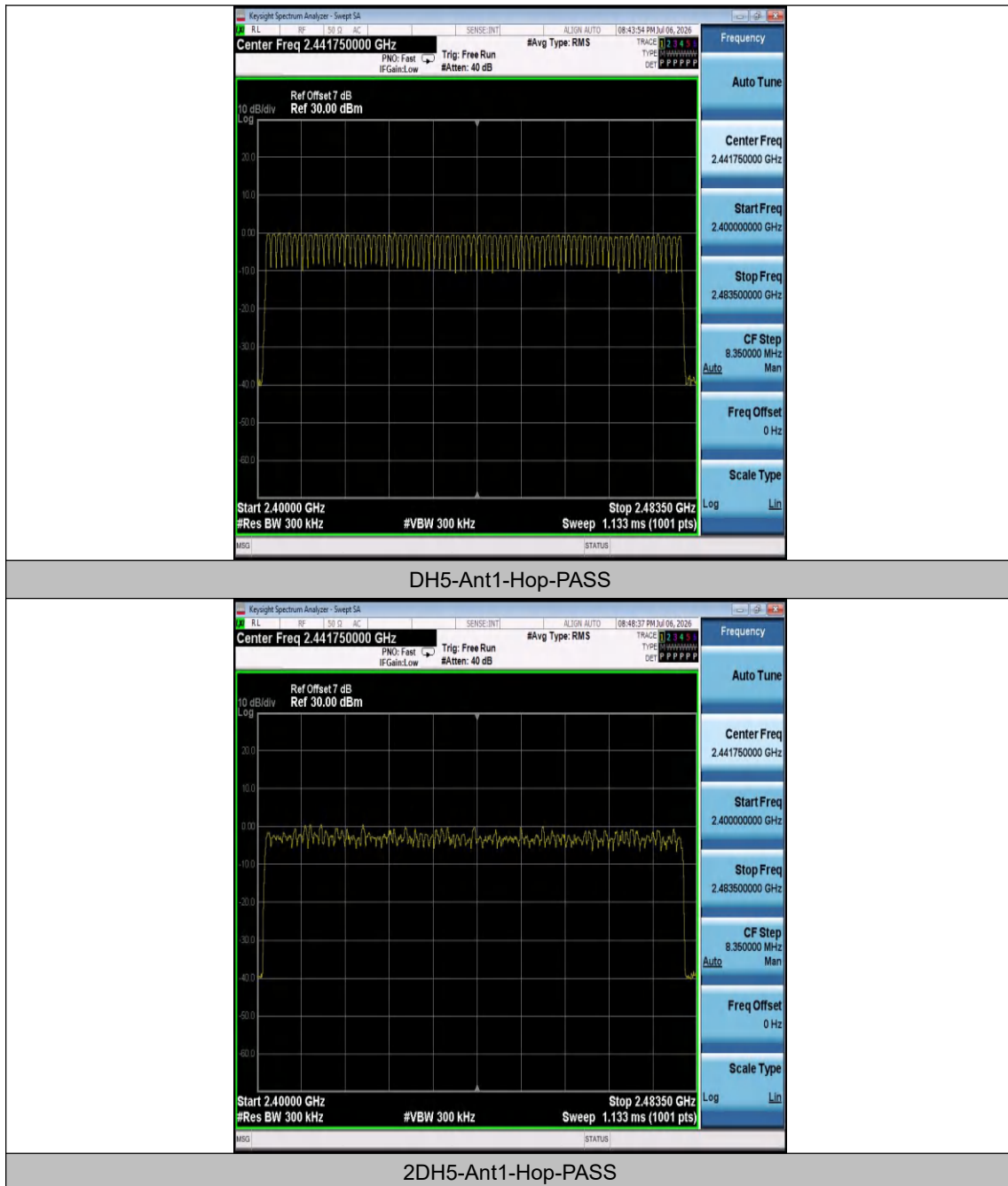
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Appendix F: Number of Hopping Channel

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

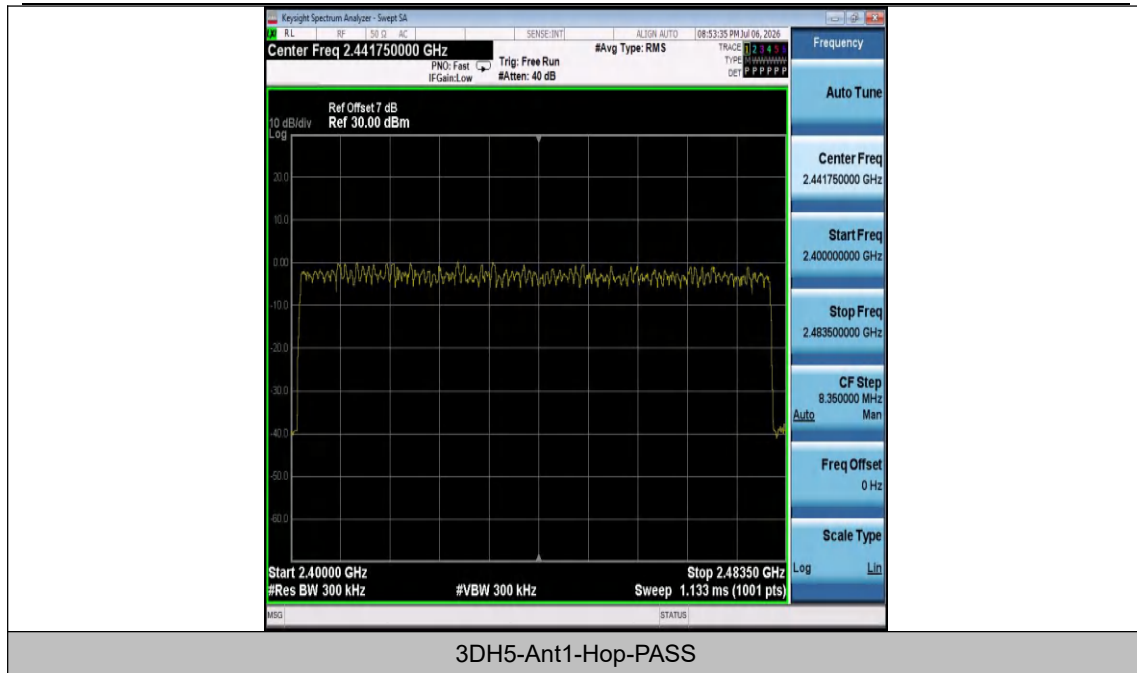
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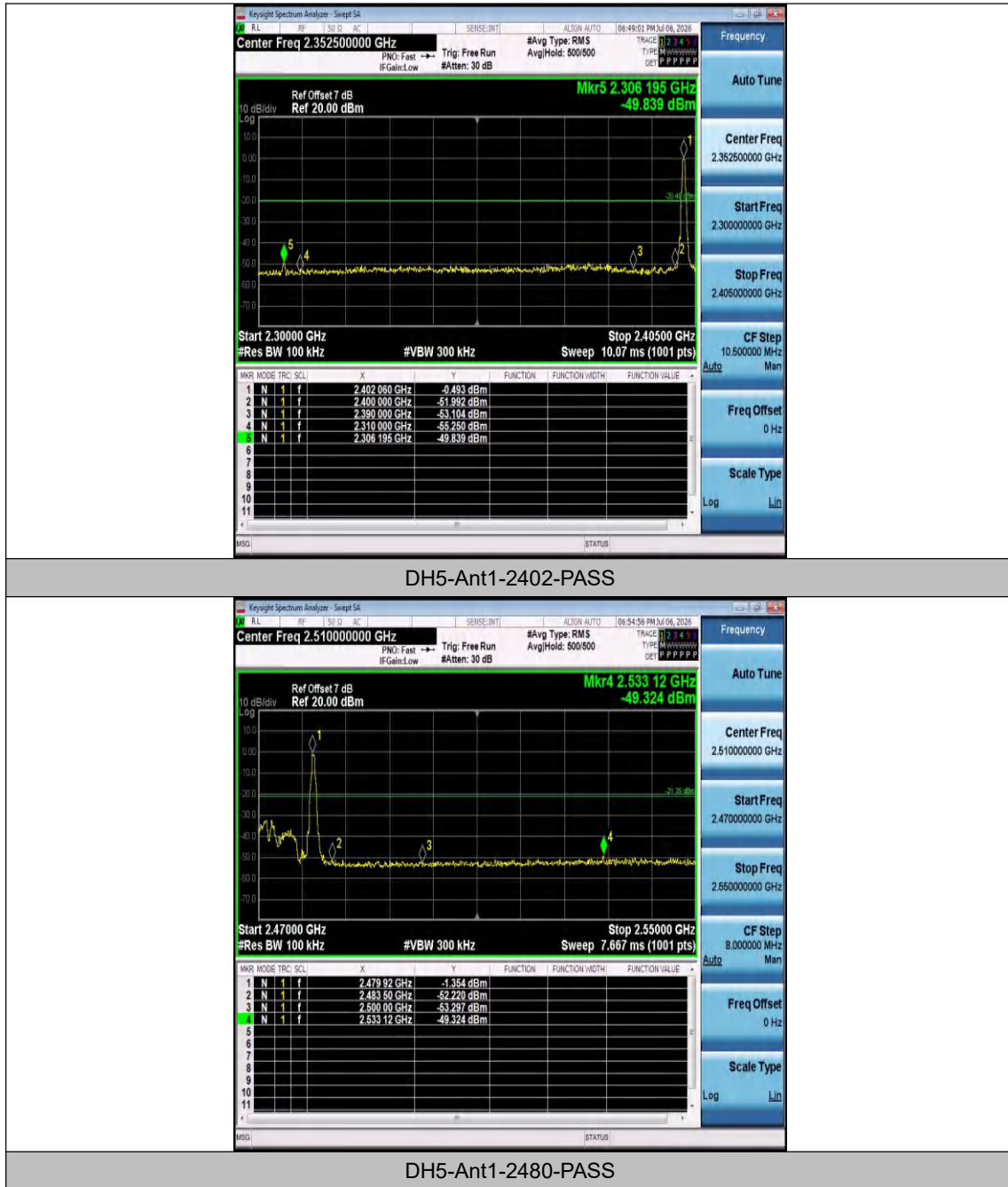
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Appendix G: Conducted Band edge

Test Result

Test Mode	Antenna	Ch. Name	Frequency [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-0.49	-49.84	≤ -20.49	PASS
DH5	Ant1	High	2480	-1.35	-49.32	≤ -21.35	PASS
DH5	Ant1	Low	Hop_2402	-0.90	-48.8	≤ -20.9	PASS
DH5	Ant1	High	Hop_2480	-1.49	-48.78	≤ -21.49	PASS
2DH5	Ant1	Low	2402	-0.69	-51.13	≤ -20.69	PASS
2DH5	Ant1	High	2480	-1.30	-49.97	≤ -21.3	PASS
2DH5	Ant1	Low	Hop_2402	-0.95	-49.88	≤ -20.95	PASS
2DH5	Ant1	High	Hop_2480	-1.77	-49.7	≤ -21.77	PASS
3DH5	Ant1	Low	2402	-0.64	-49.71	≤ -20.64	PASS
3DH5	Ant1	High	2480	-1.18	-49.83	≤ -21.18	PASS
3DH5	Ant1	Low	Hop_2402	-0.65	-49.95	≤ -20.65	PASS
3DH5	Ant1	High	Hop_2480	-2.99	-49.62	≤ -22.99	PASS

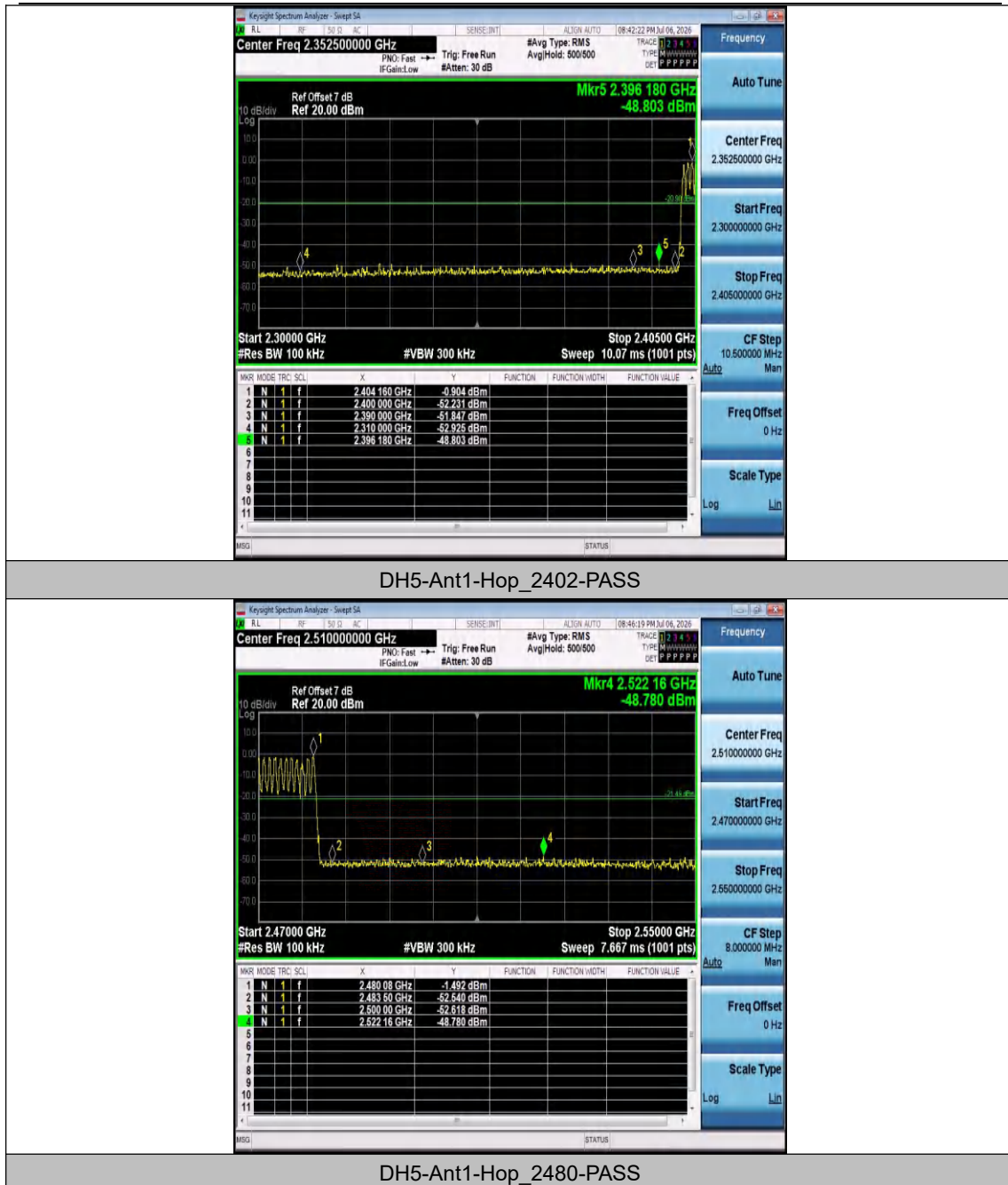
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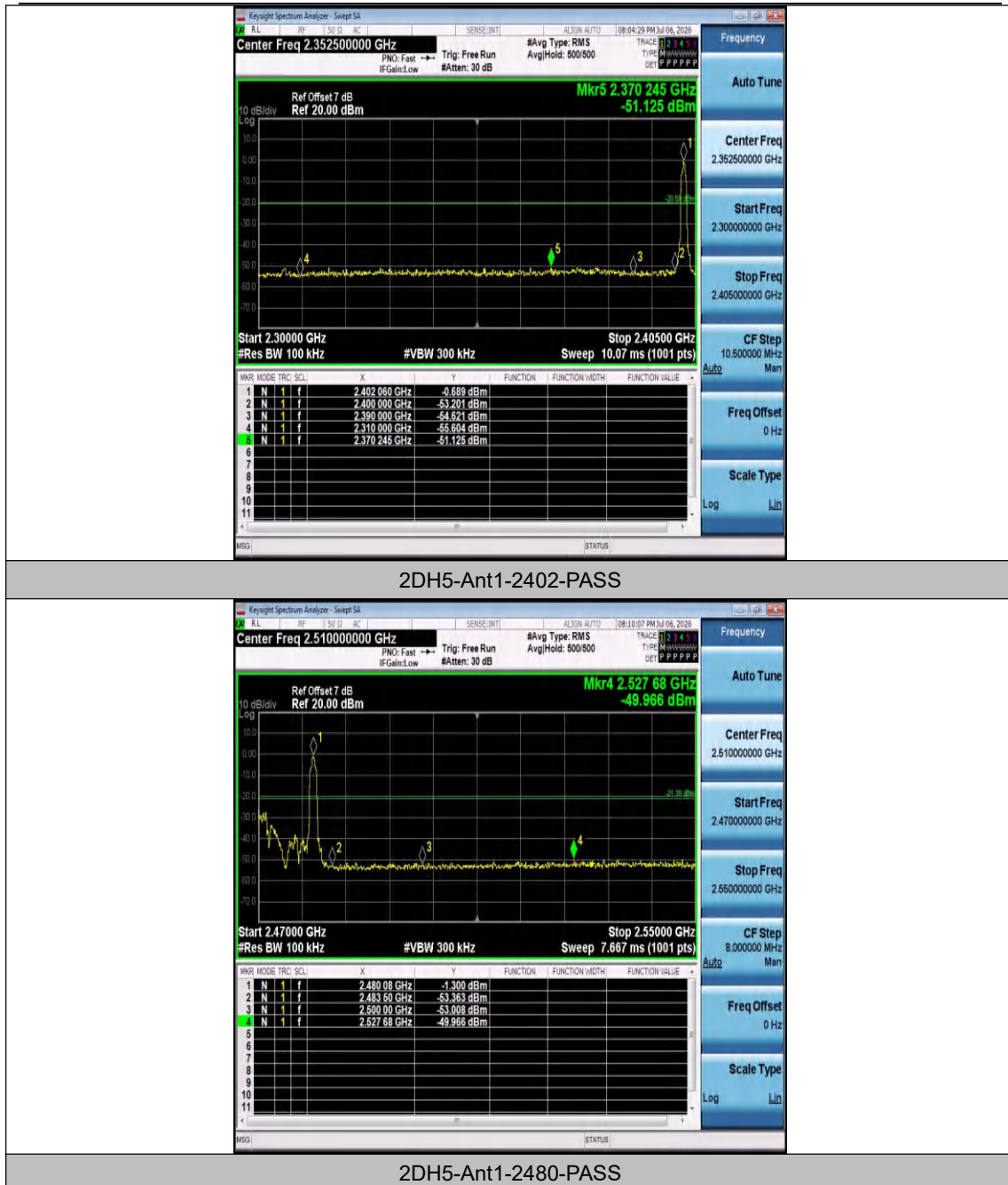
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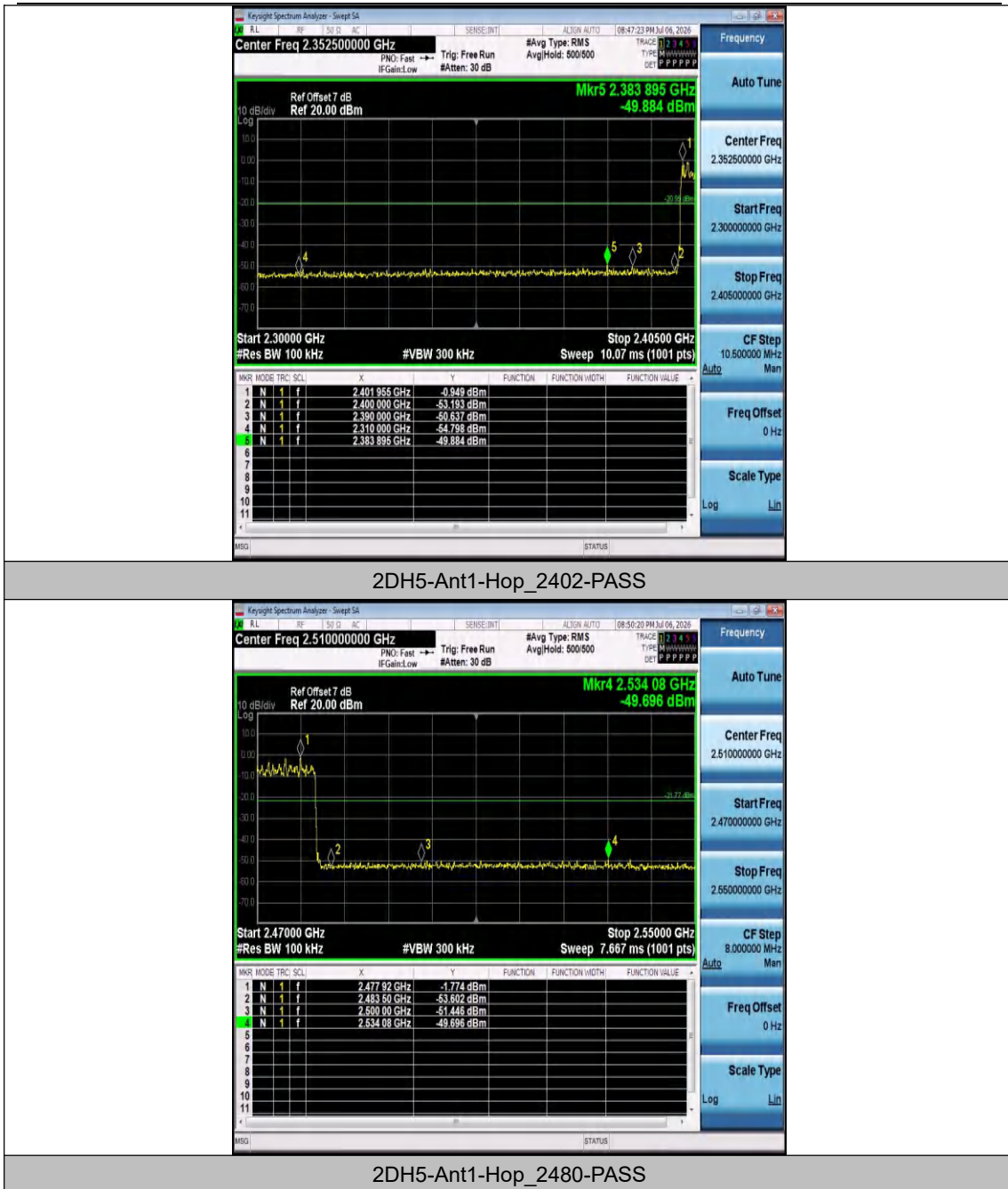


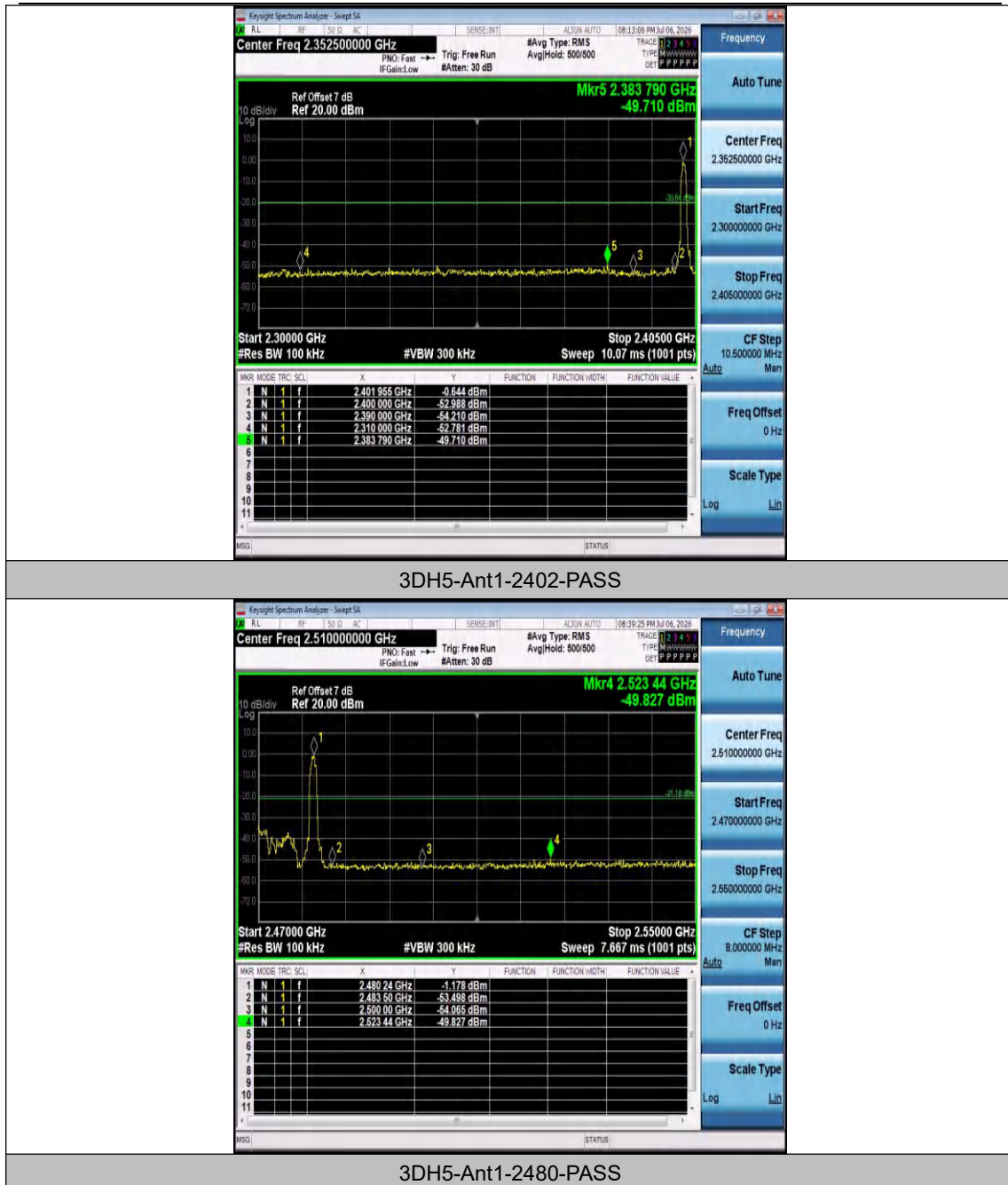
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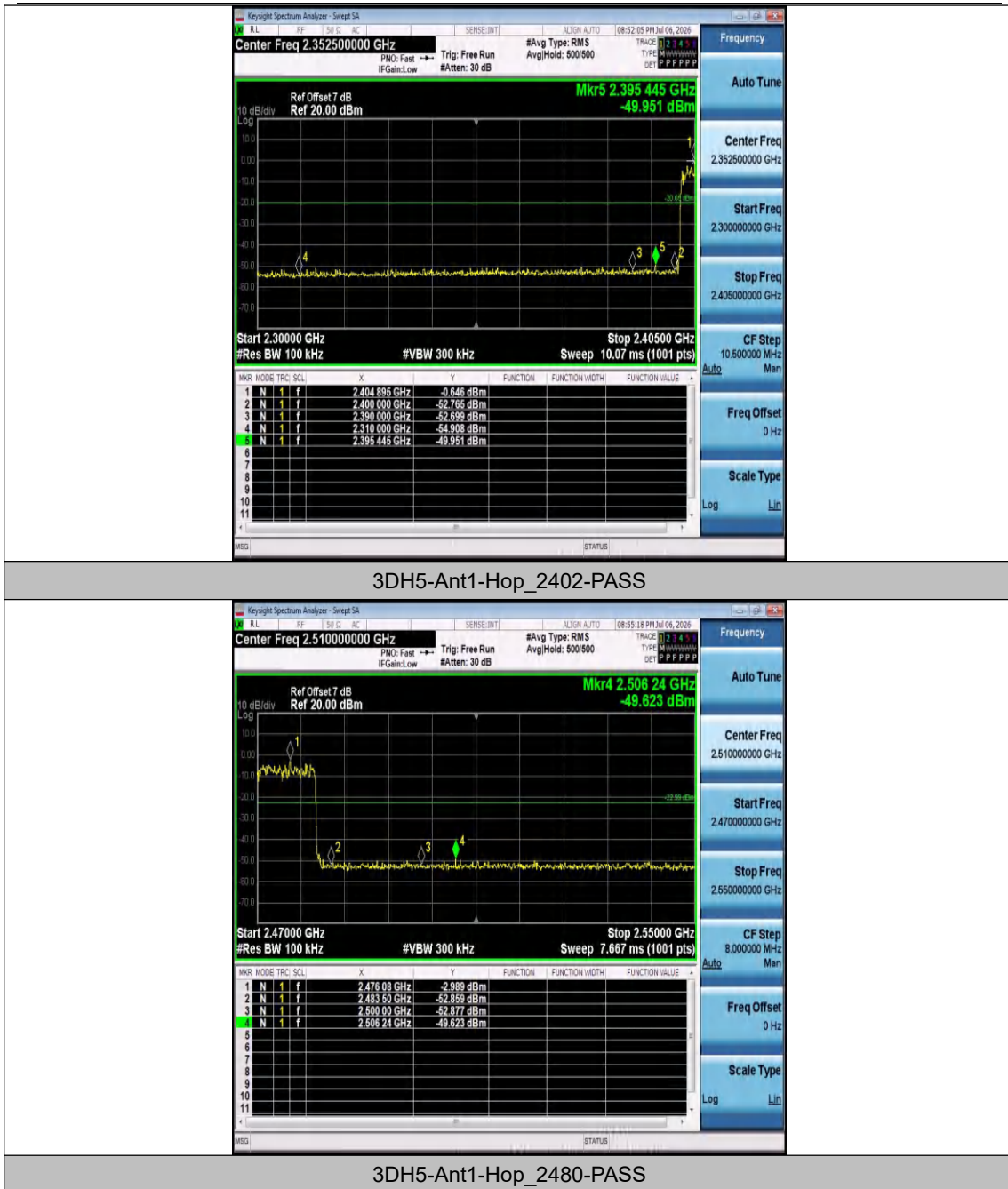
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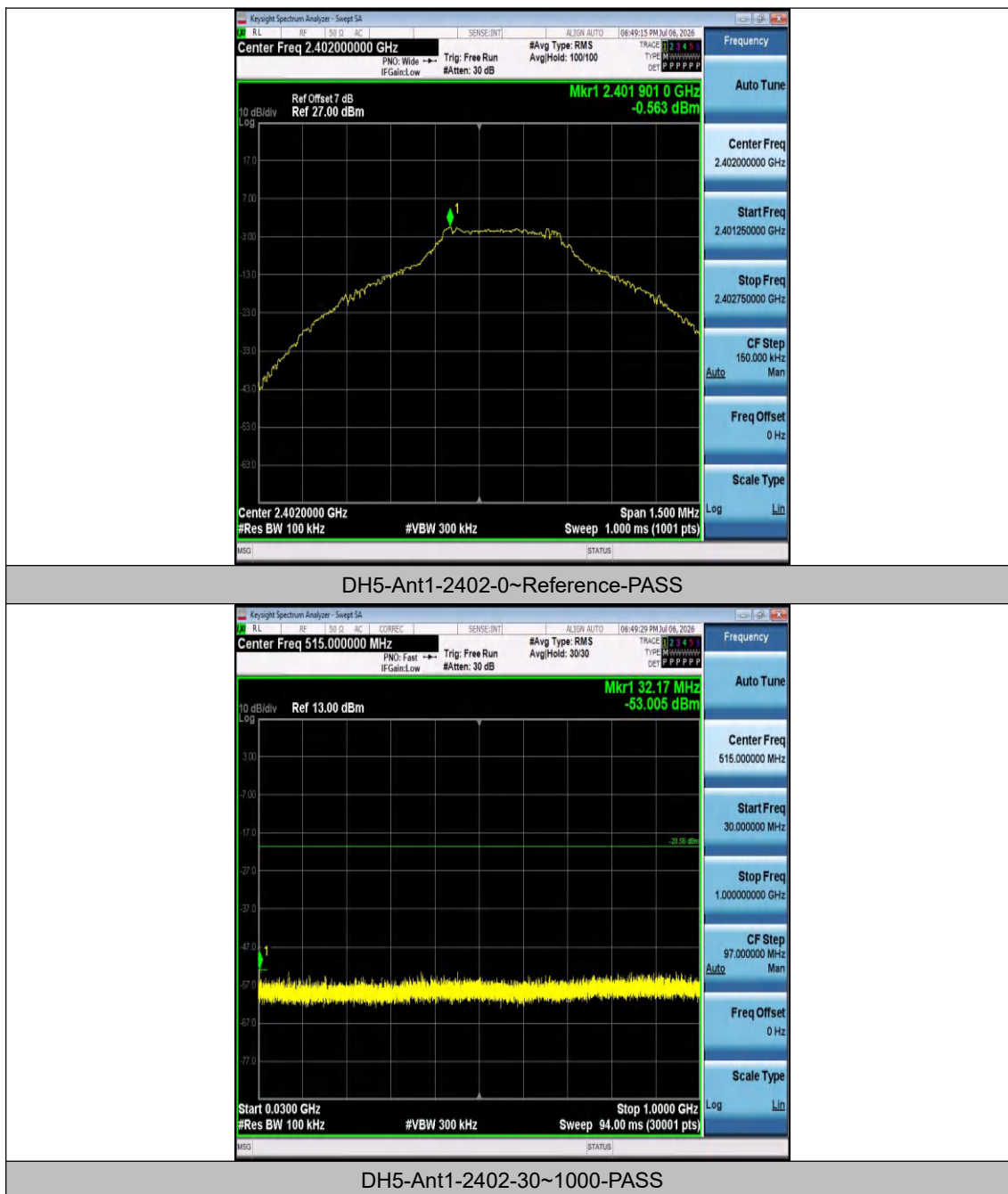
Appendix H: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency[MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	0~Reference	-0.56	-0.56	---	PASS
DH5	Ant1	2402	30~1000	-0.56	-53.01	≤-20.56	PASS
DH5	Ant1	2402	1000~26500	-0.56	-39.19	≤-20.56	PASS
DH5	Ant1	2441	0~Reference	-1.39	-1.39	---	PASS
DH5	Ant1	2441	30~1000	-1.39	-51.14	≤-21.39	PASS
DH5	Ant1	2441	1000~26500	-1.39	-34.86	≤-21.39	PASS
DH5	Ant1	2480	0~Reference	-1.61	-1.61	---	PASS
DH5	Ant1	2480	30~1000	-1.61	-53.29	≤-21.61	PASS
DH5	Ant1	2480	1000~26500	-1.61	-42.39	≤-21.61	PASS
2DH5	Ant1	2402	0~Reference	-0.93	-0.93	---	PASS
2DH5	Ant1	2402	30~1000	-0.93	-52.65	≤-20.93	PASS
2DH5	Ant1	2402	1000~26500	-0.93	-35.12	≤-20.93	PASS
2DH5	Ant1	2441	0~Reference	-1.66	-1.66	---	PASS
2DH5	Ant1	2441	30~1000	-1.66	-52.74	≤-21.66	PASS
2DH5	Ant1	2441	1000~26500	-1.66	-41.43	≤-21.66	PASS
2DH5	Ant1	2480	0~Reference	-1.89	-1.89	---	PASS
2DH5	Ant1	2480	30~1000	-1.89	-52.54	≤-21.89	PASS
2DH5	Ant1	2480	1000~26500	-1.89	-42.69	≤-21.89	PASS
3DH5	Ant1	2402	0~Reference	-0.83	-0.83	---	PASS
3DH5	Ant1	2402	30~1000	-0.83	-52.1	≤-20.83	PASS
3DH5	Ant1	2402	1000~26500	-0.83	-31.5	≤-20.83	PASS
3DH5	Ant1	2441	0~Reference	-0.92	-0.92	---	PASS
3DH5	Ant1	2441	30~1000	-0.92	-53.26	≤-20.92	PASS
3DH5	Ant1	2441	1000~26500	-0.92	-34.38	≤-20.92	PASS
3DH5	Ant1	2480	0~Reference	-1.94	-1.94	---	PASS
3DH5	Ant1	2480	30~1000	-1.94	-52.38	≤-21.94	PASS
3DH5	Ant1	2480	1000~26500	-1.94	-31.89	≤-21.94	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.

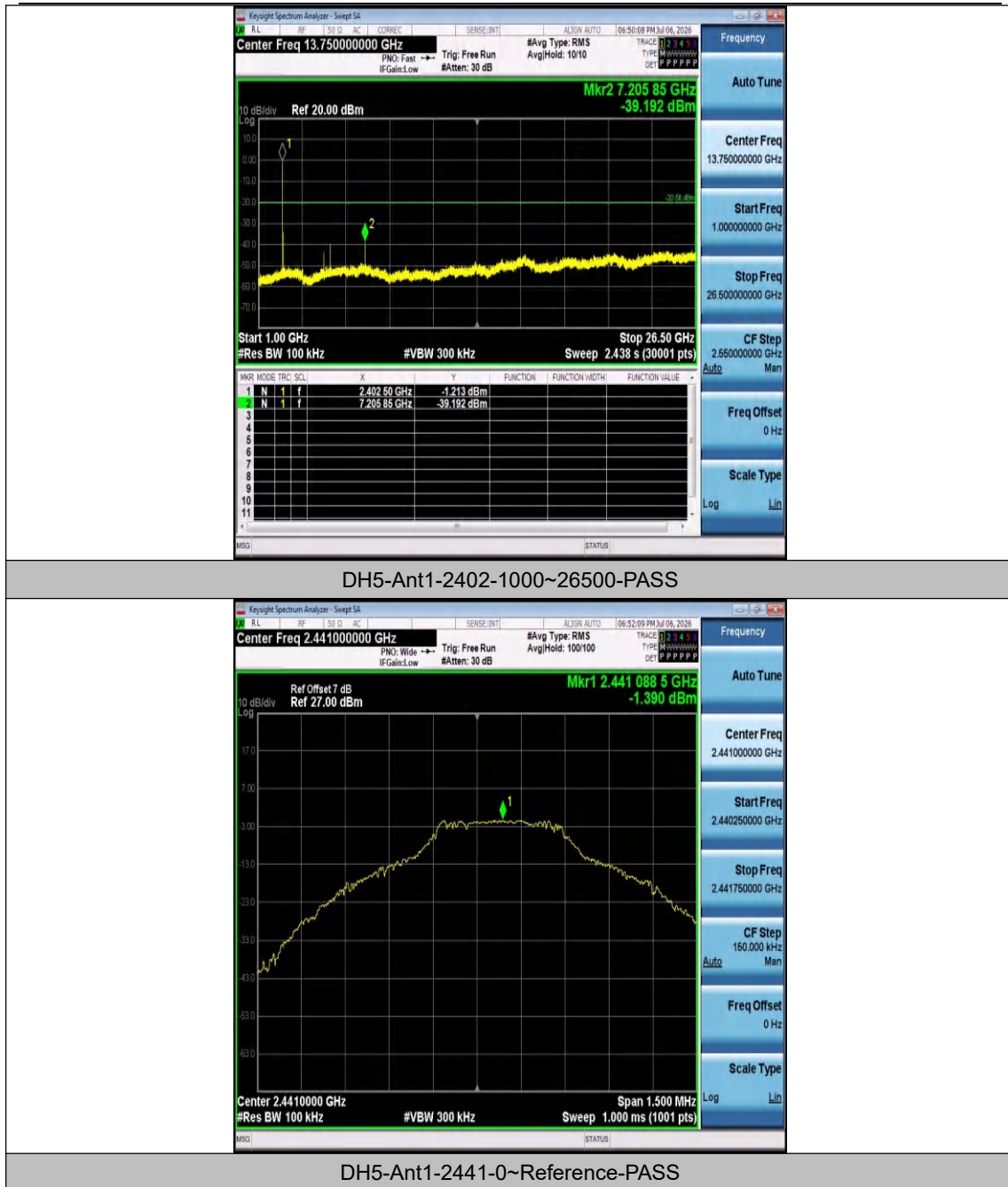
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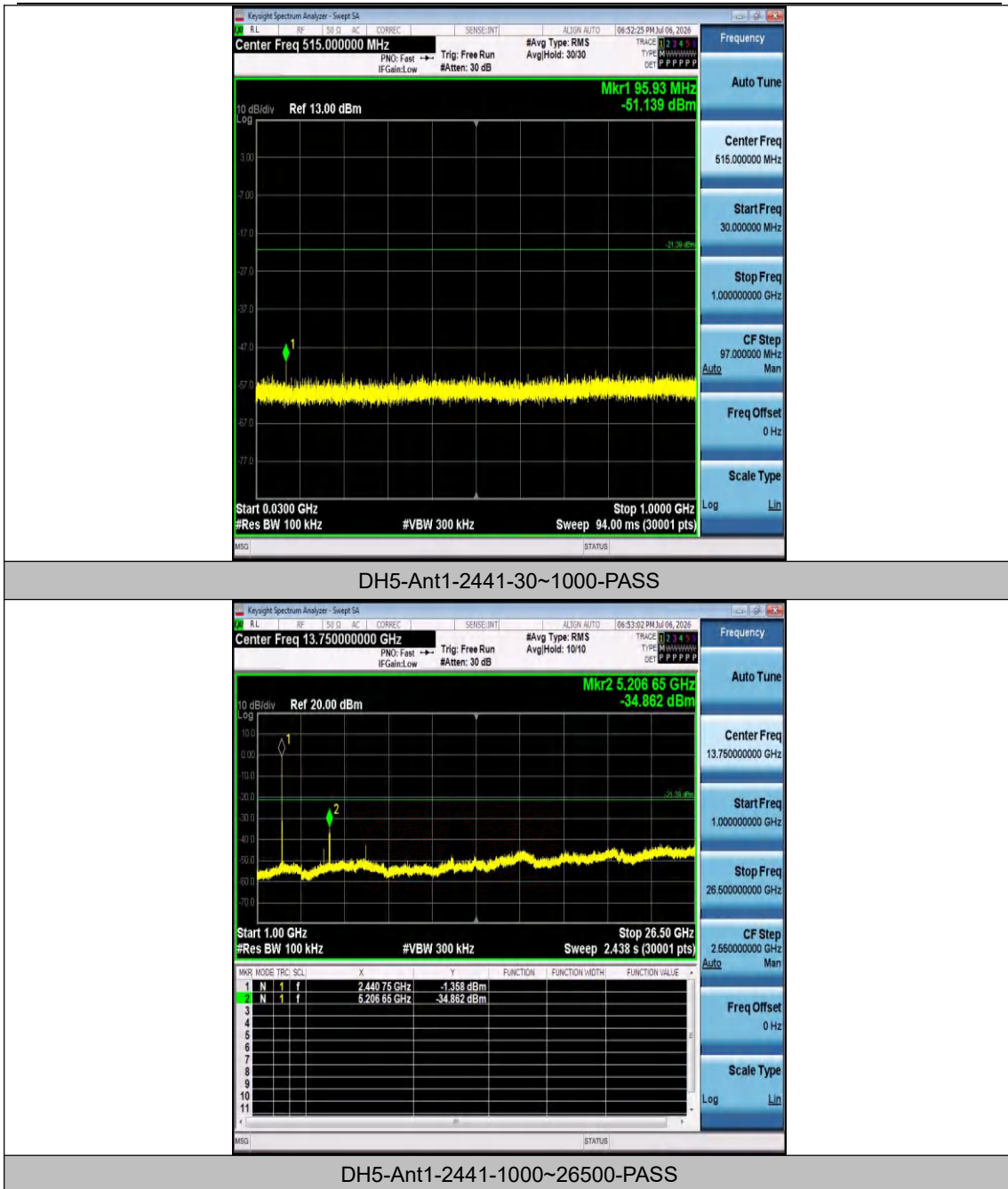
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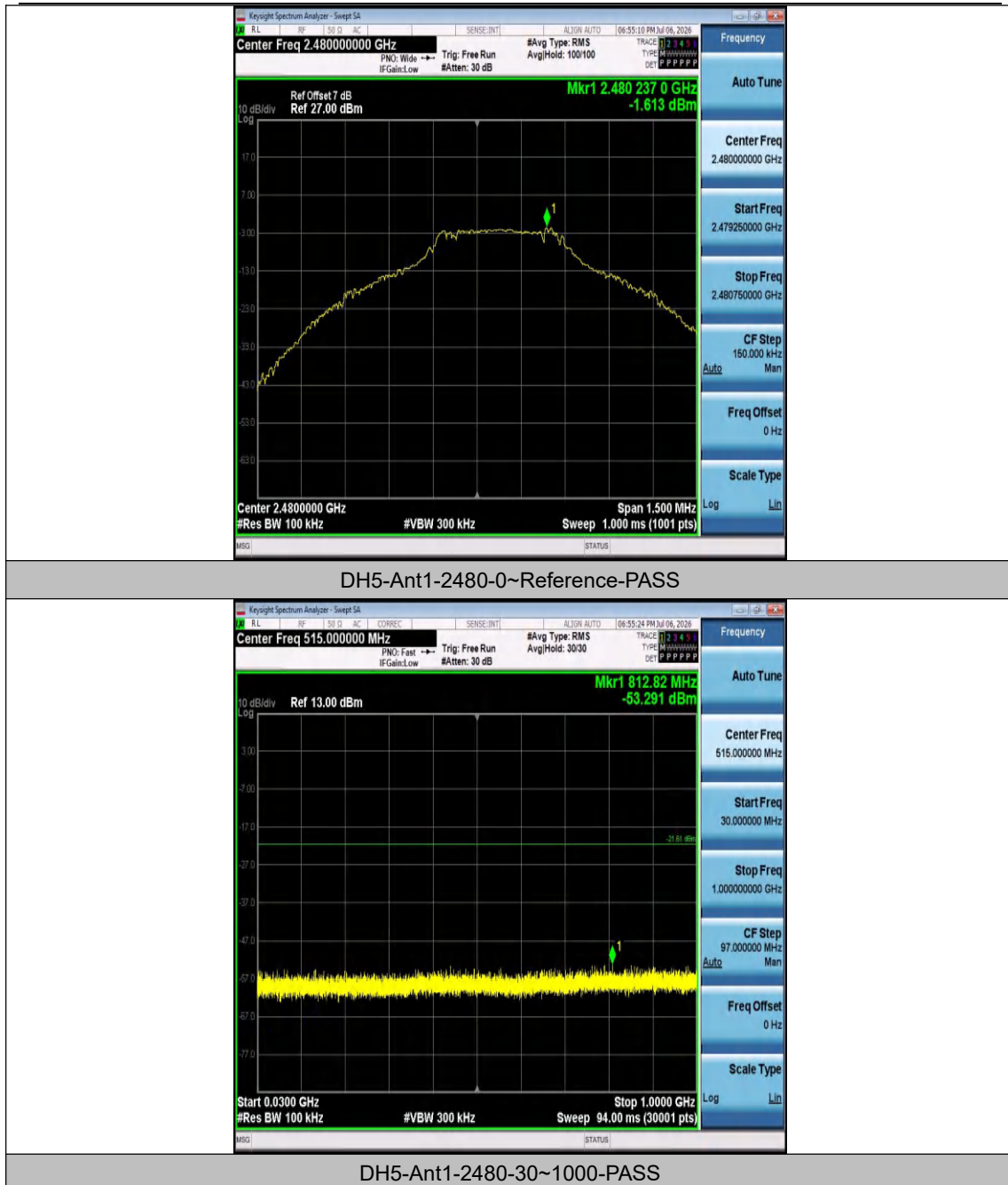
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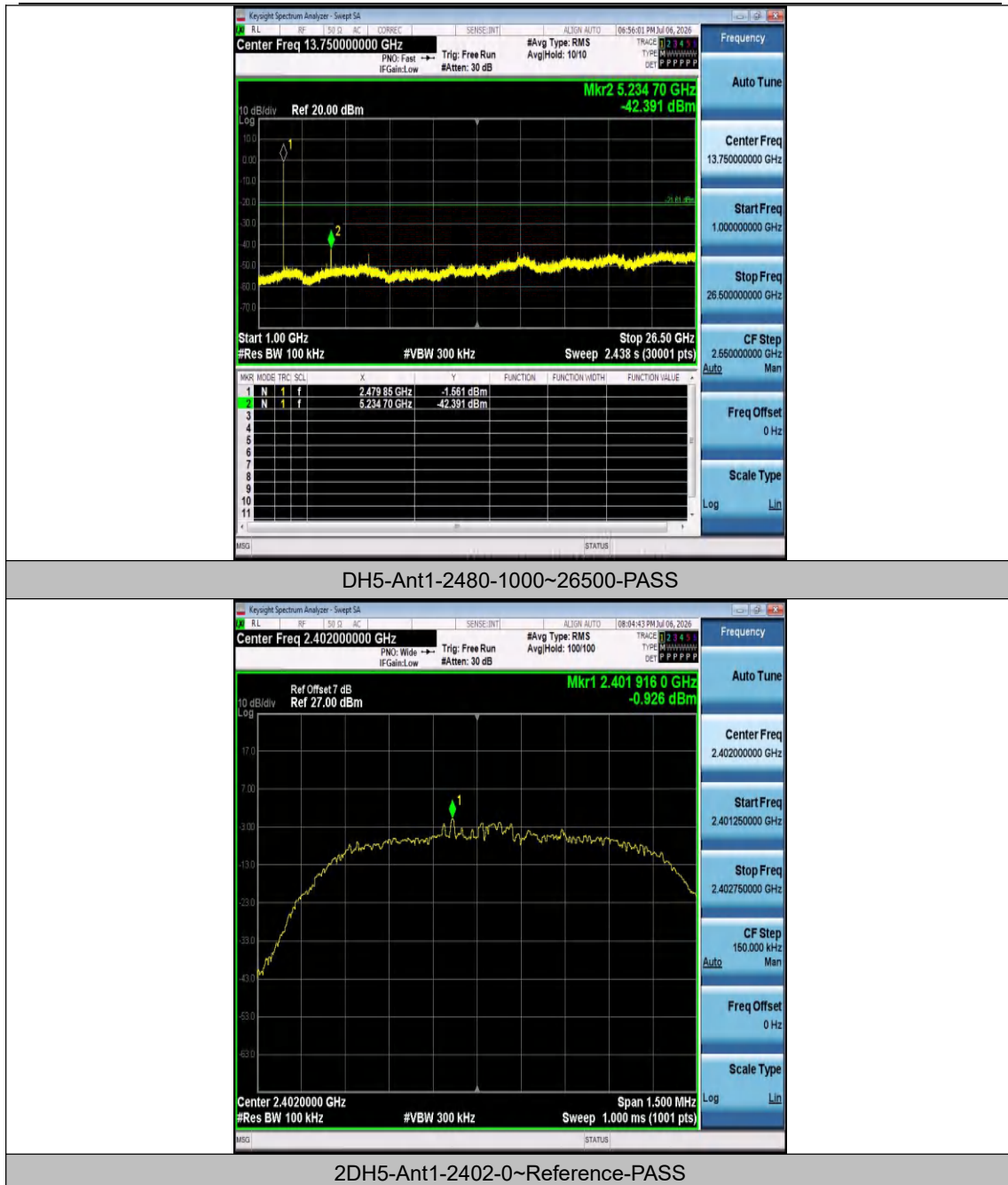
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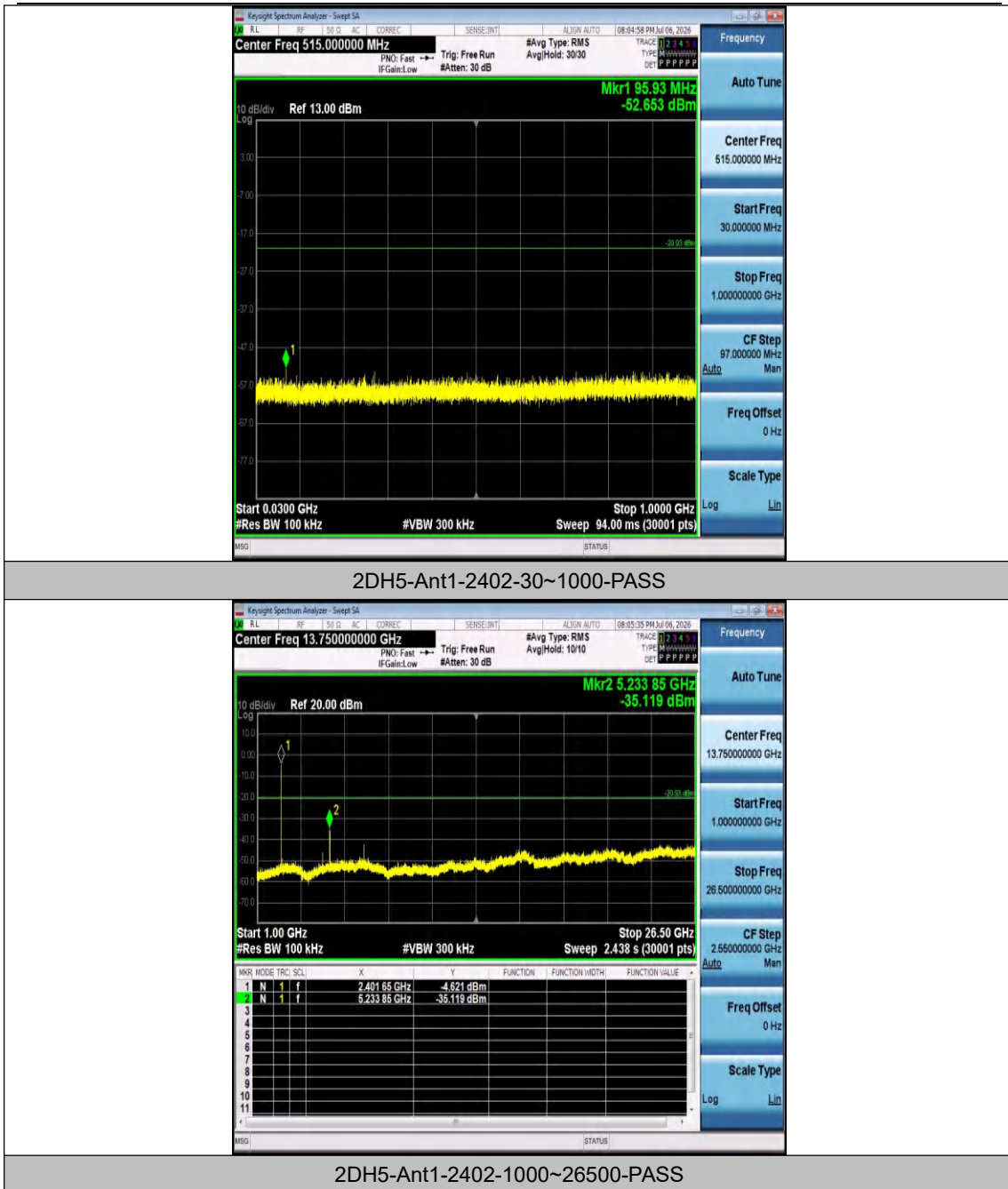
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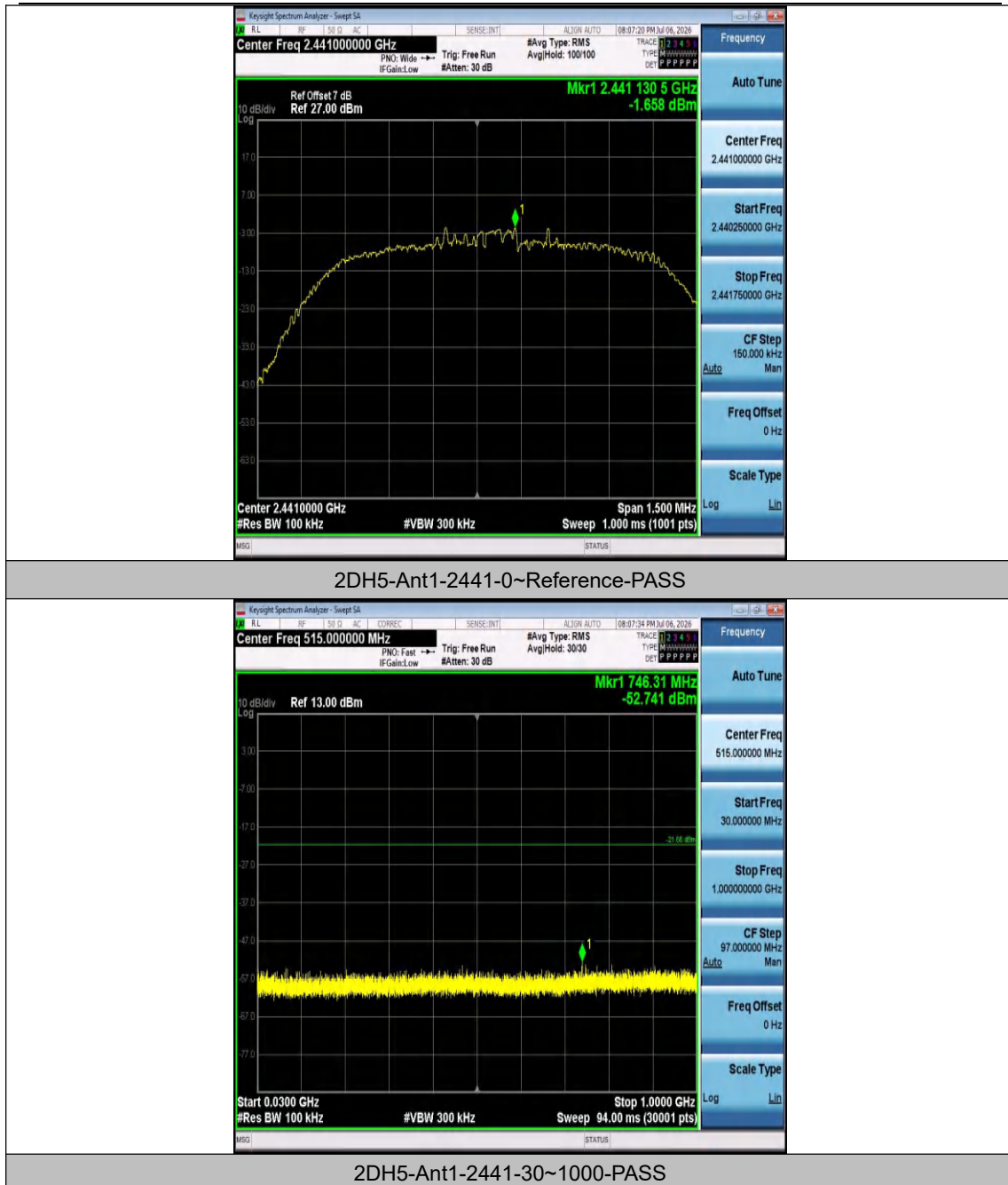
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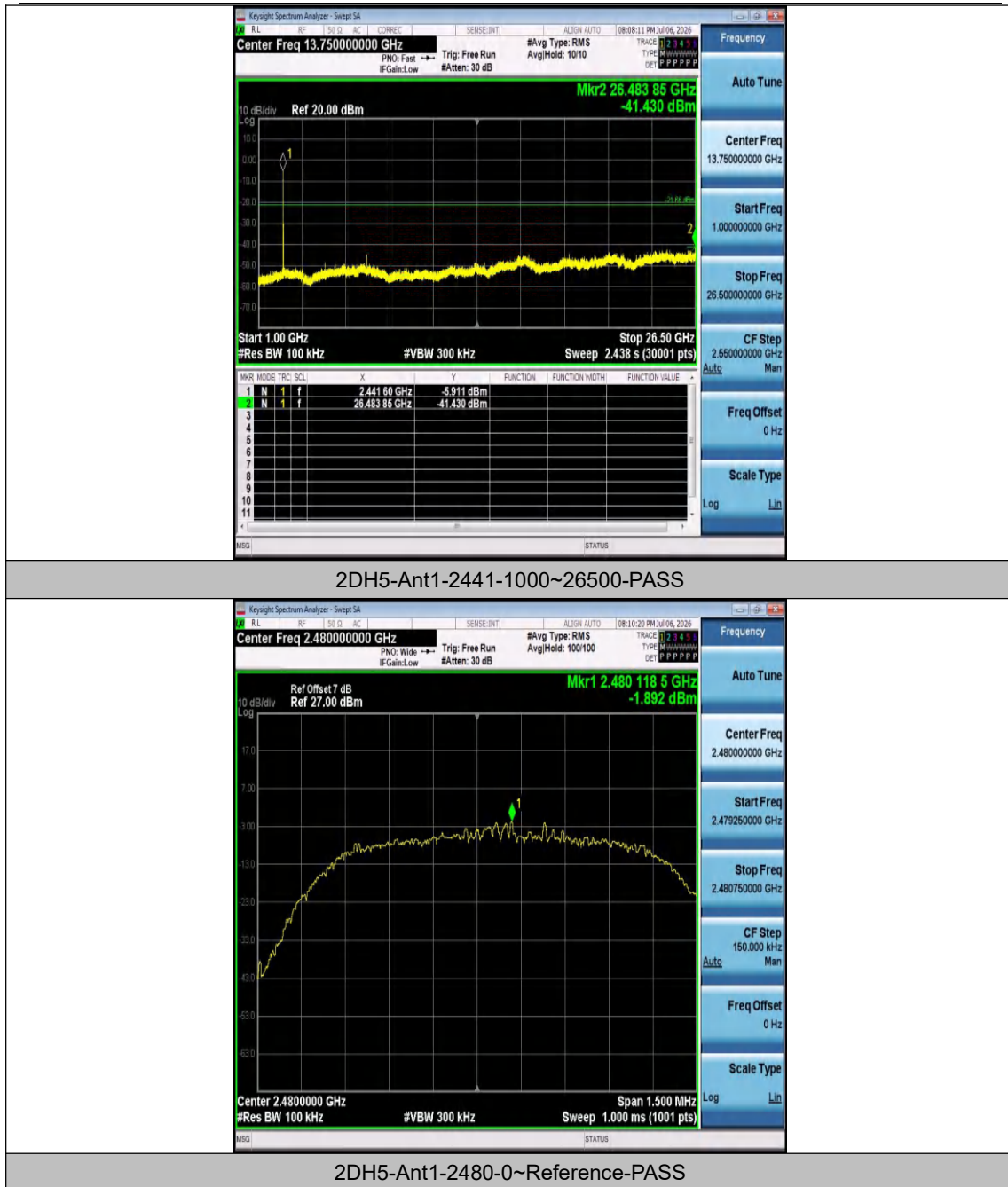
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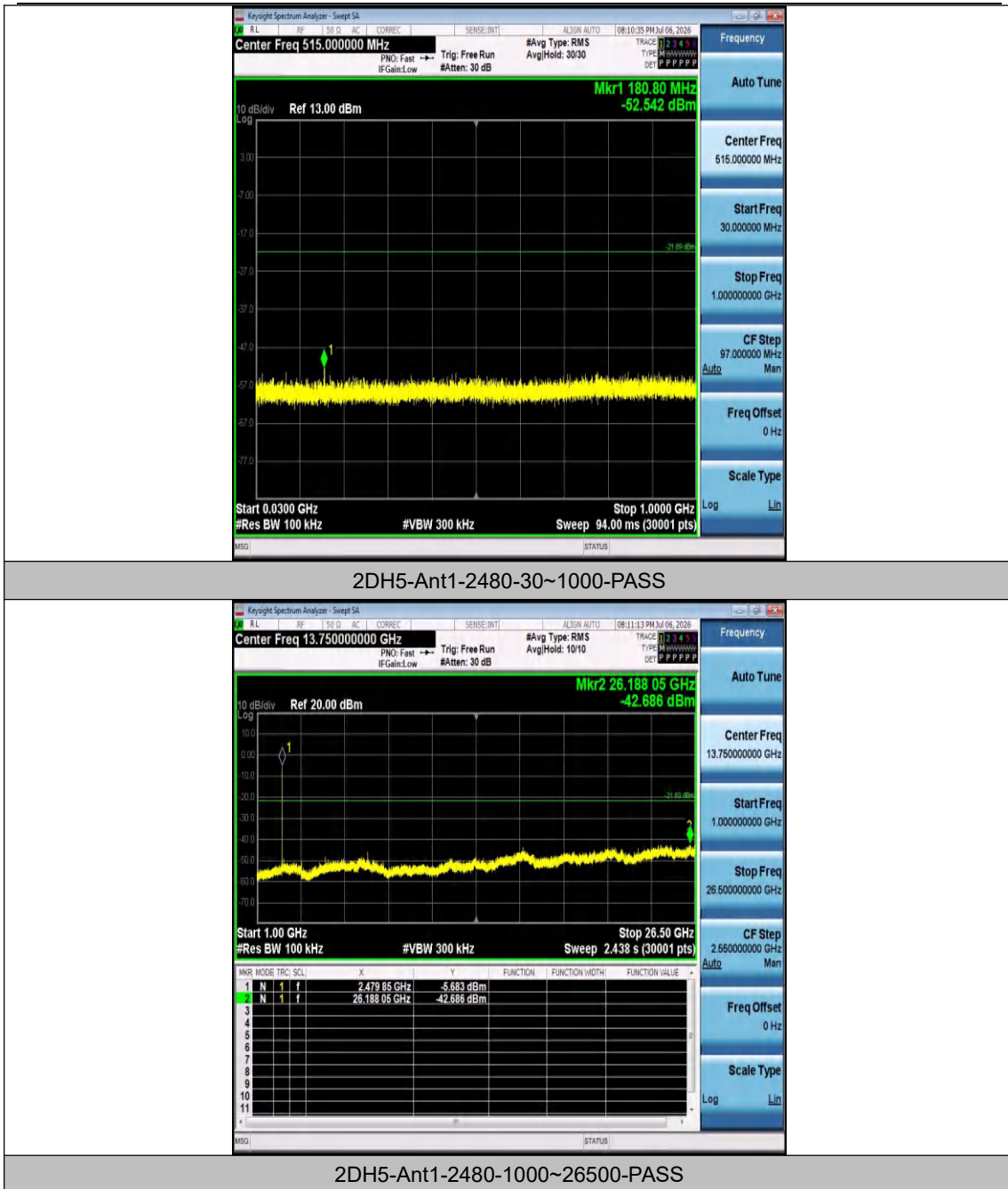
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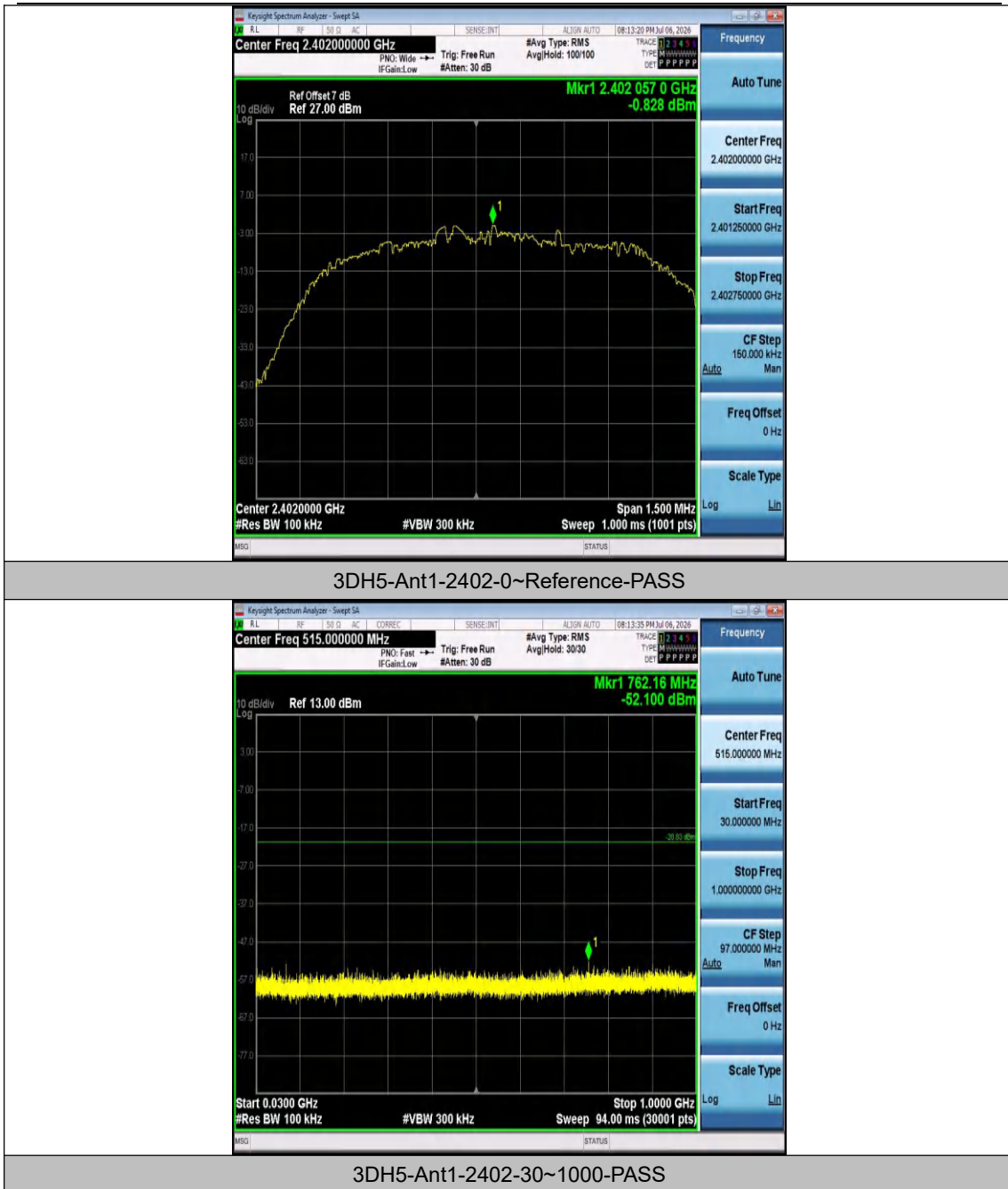
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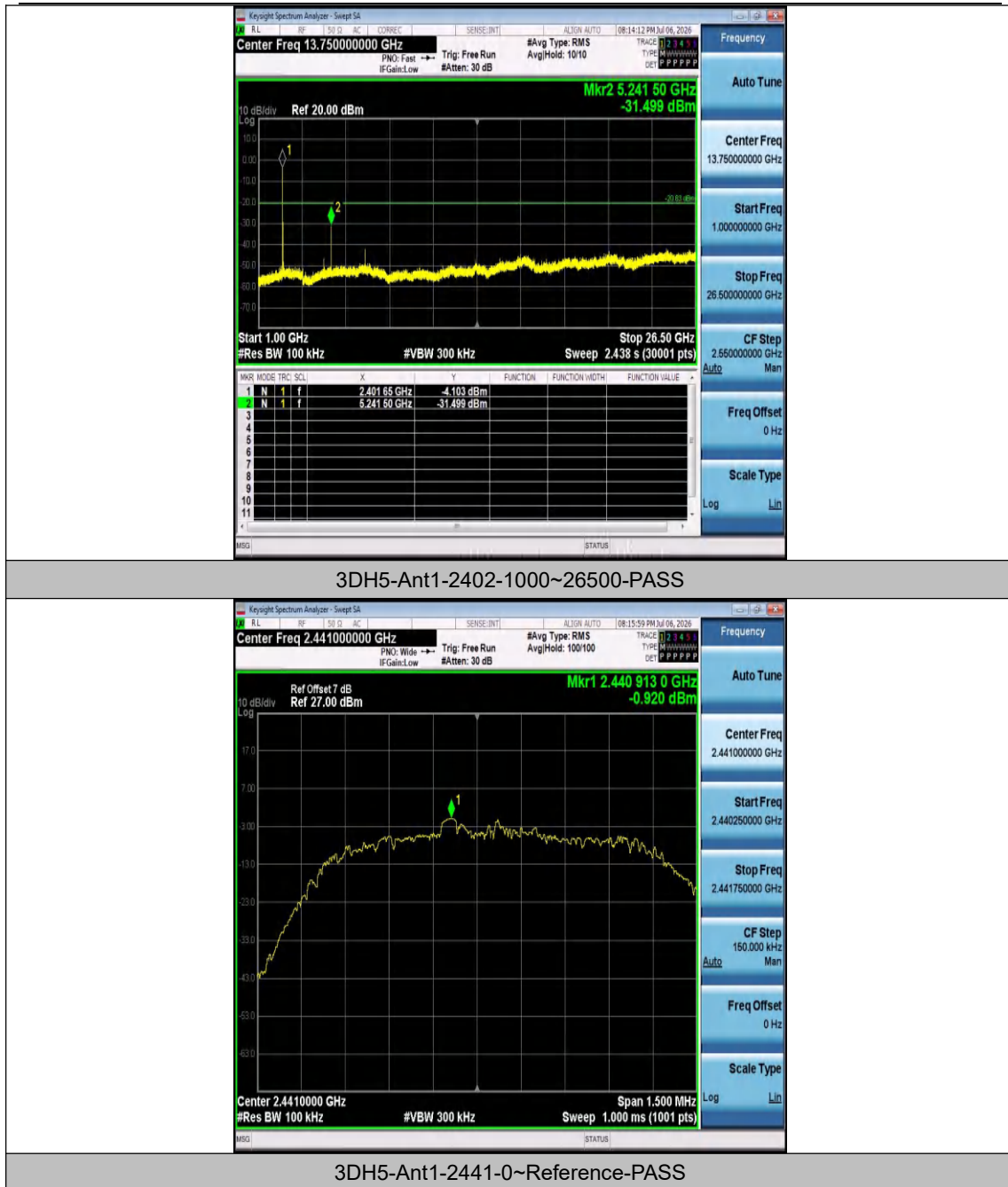
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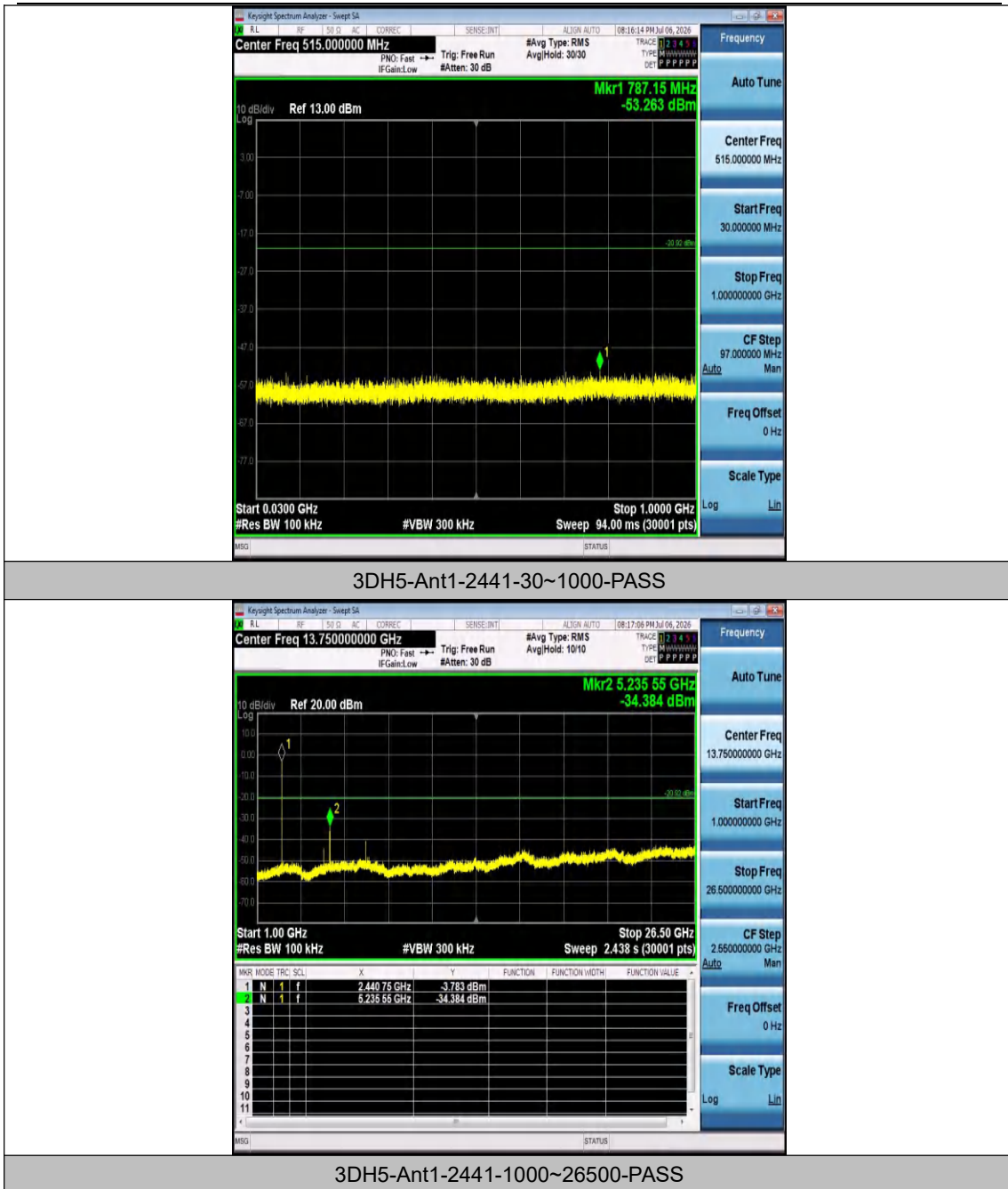
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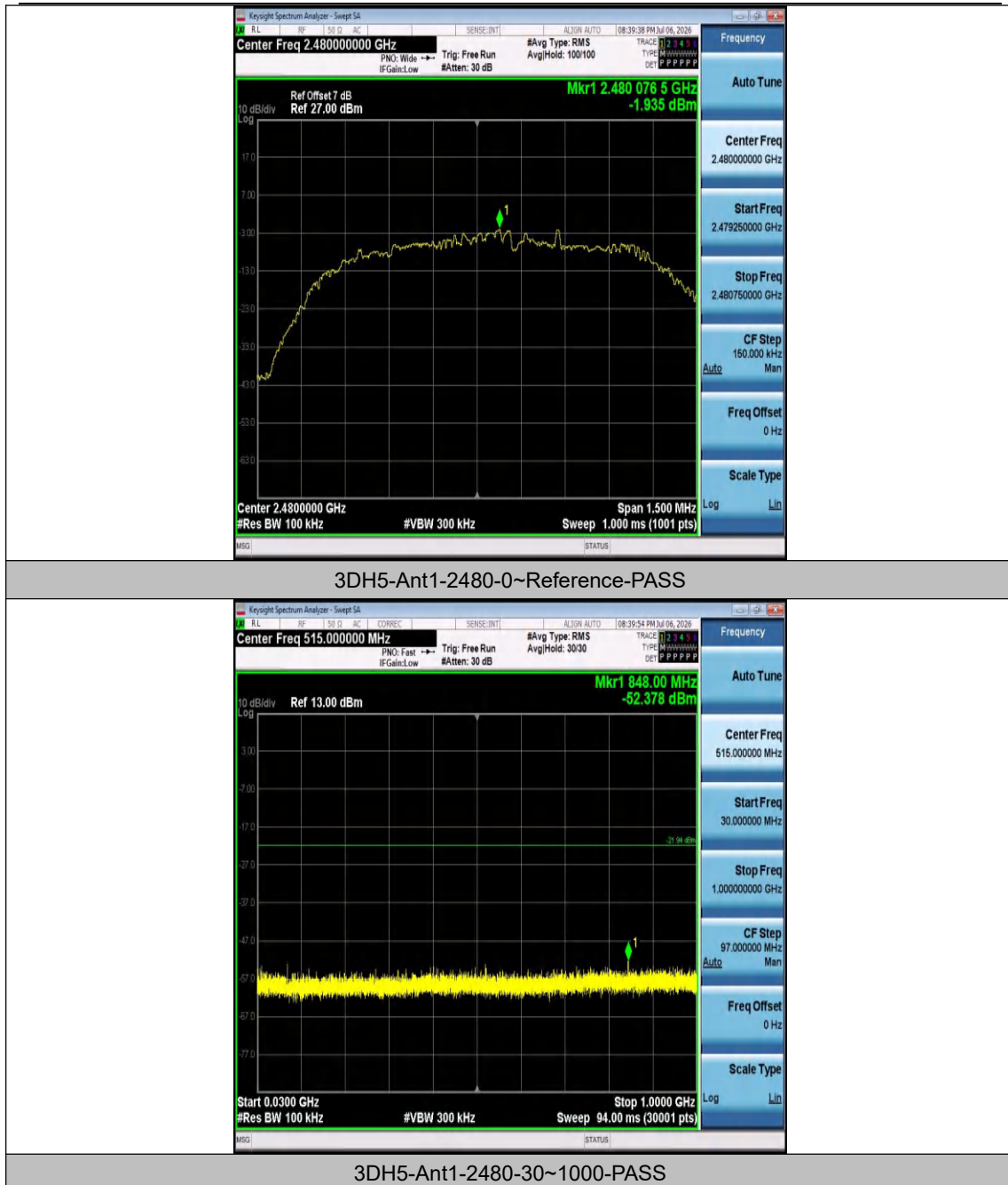
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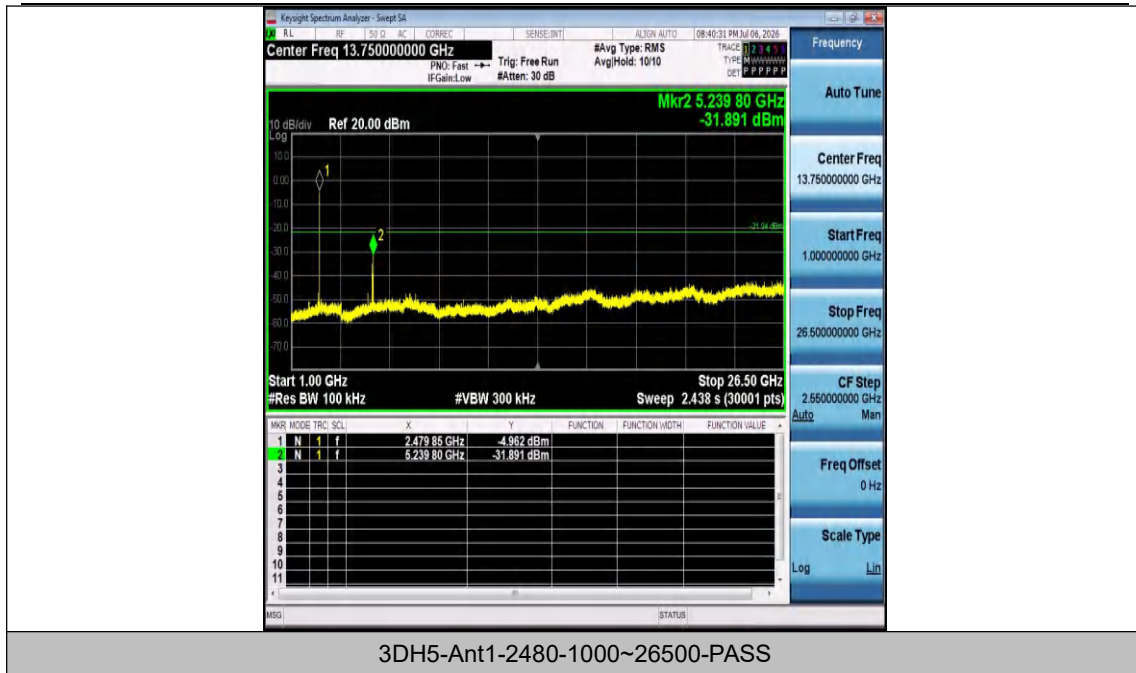
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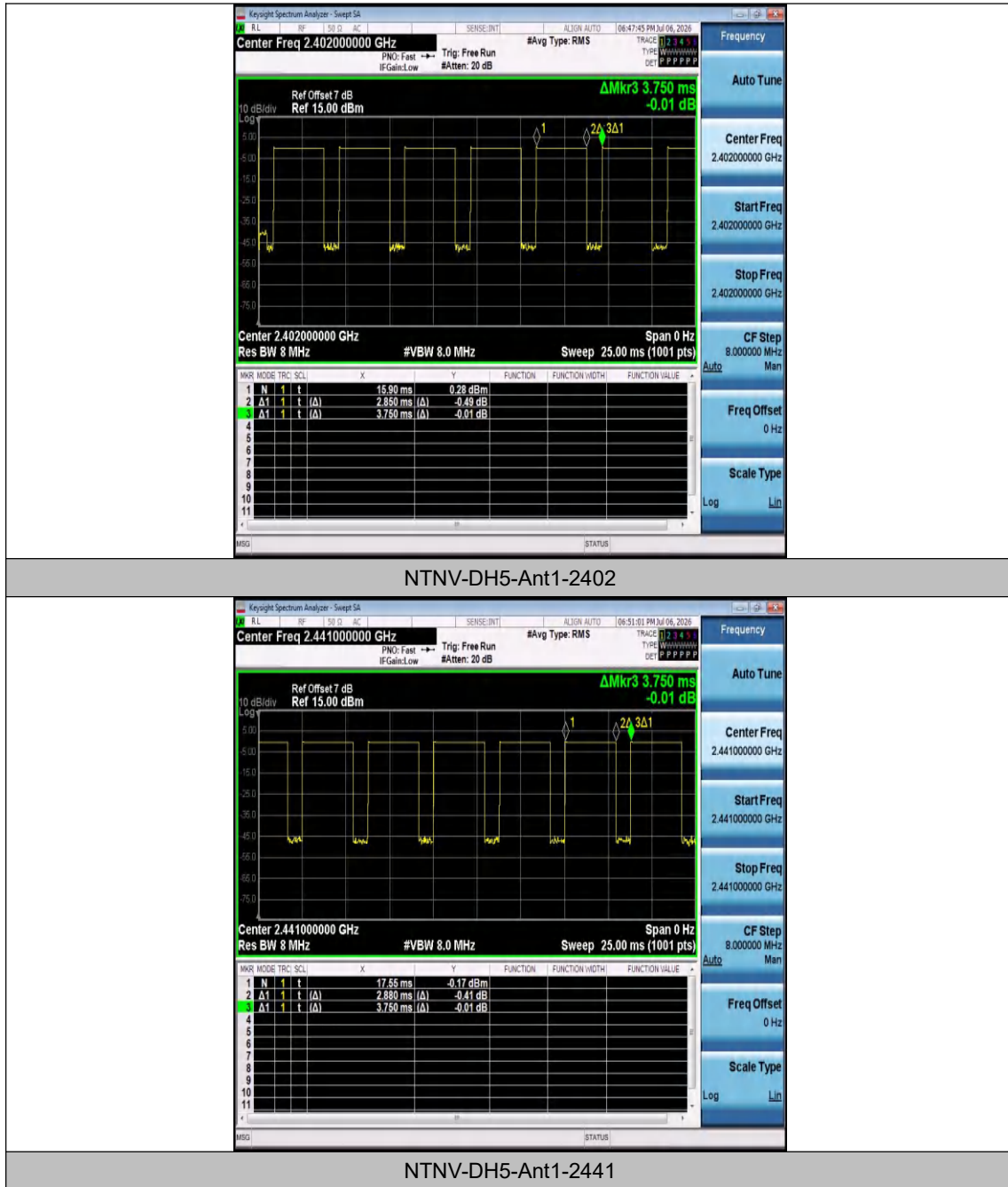
Hotline: 400-003-0500 web: www.anbotek.com E-mail: service@anbotek.com

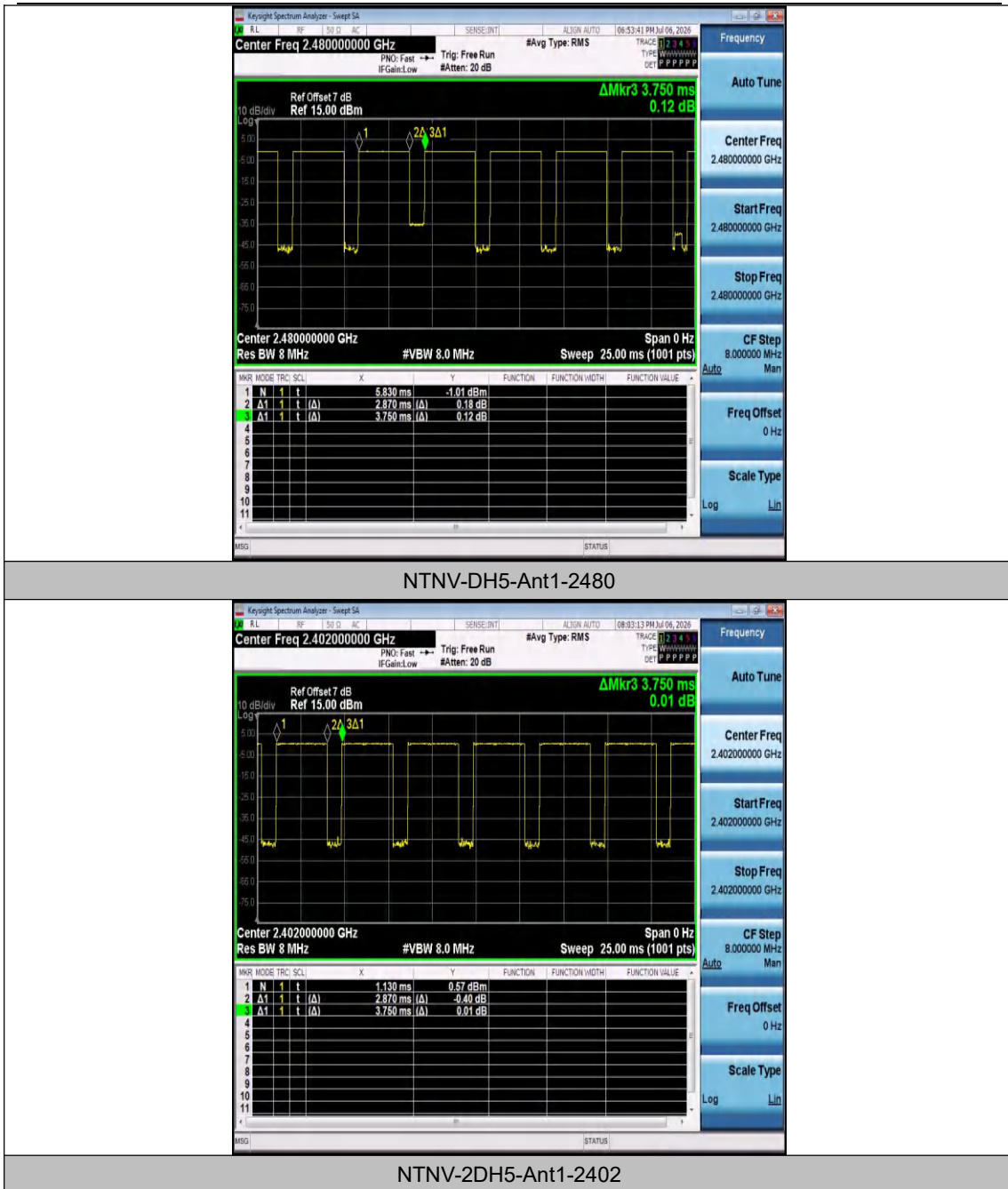
Appendix I: Duty Cycle

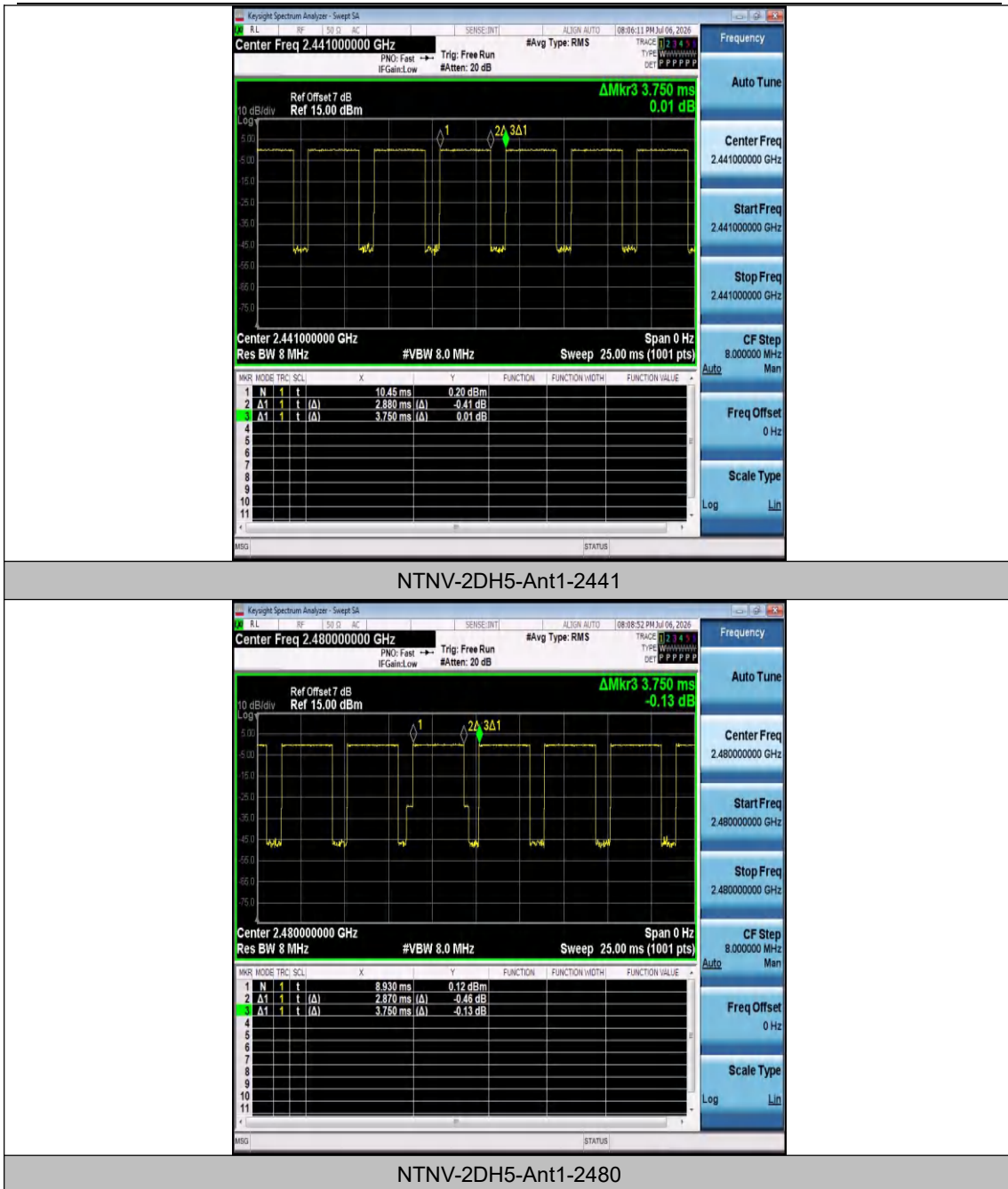
Test Result

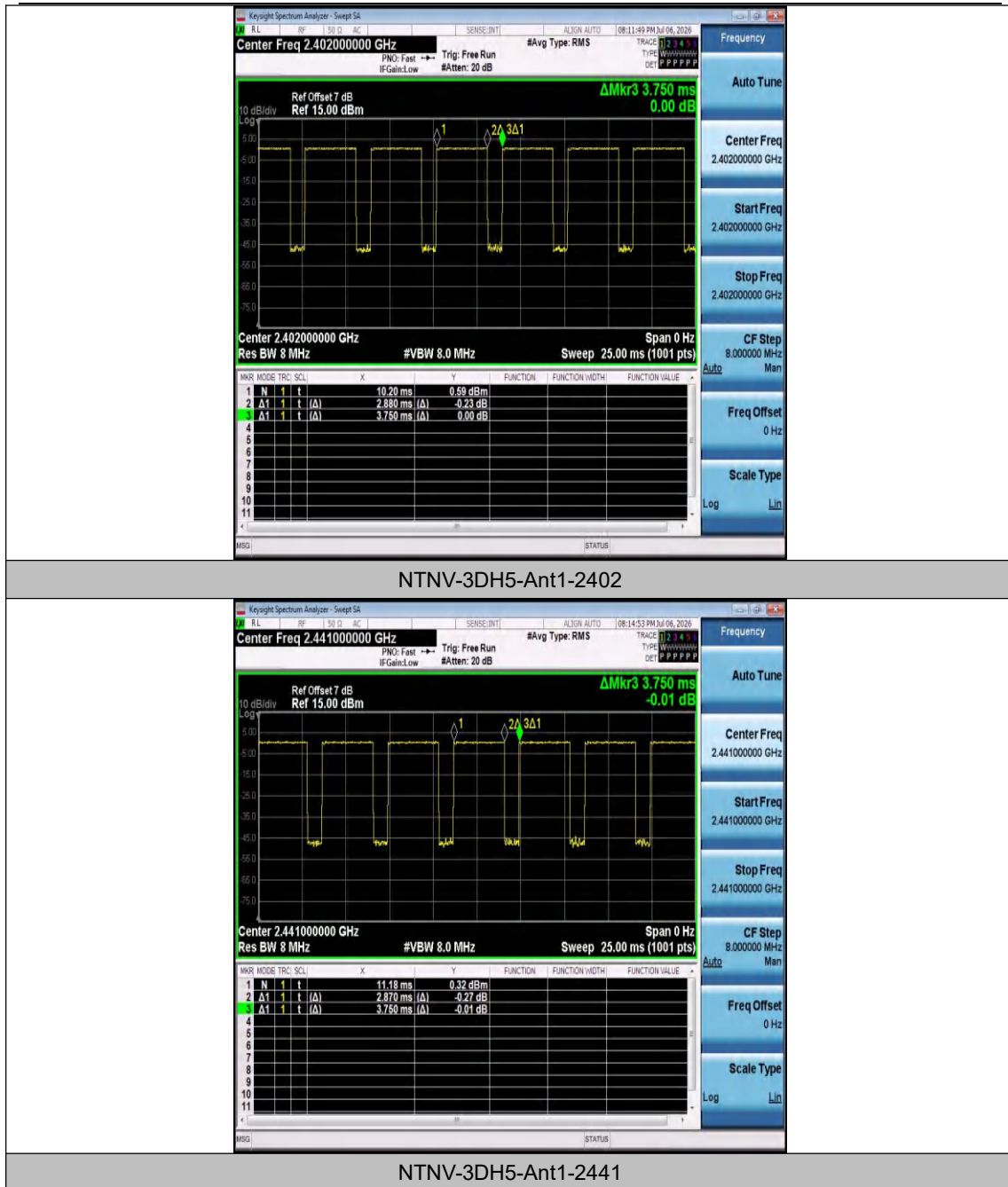
Test Mode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
DH5	Ant1	2402	2.85	3.75	76.00	1.19
DH5	Ant1	2441	2.88	3.75	76.80	1.15
DH5	Ant1	2480	2.87	3.75	76.53	1.16
2DH5	Ant1	2402	2.87	3.75	76.53	1.16
2DH5	Ant1	2441	2.88	3.75	76.80	1.15
2DH5	Ant1	2480	2.87	3.75	76.53	1.16
3DH5	Ant1	2402	2.88	3.75	76.80	1.15
3DH5	Ant1	2441	2.87	3.75	76.53	1.16
3DH5	Ant1	2480	2.90	3.75	77.33	1.12

Test Graphs





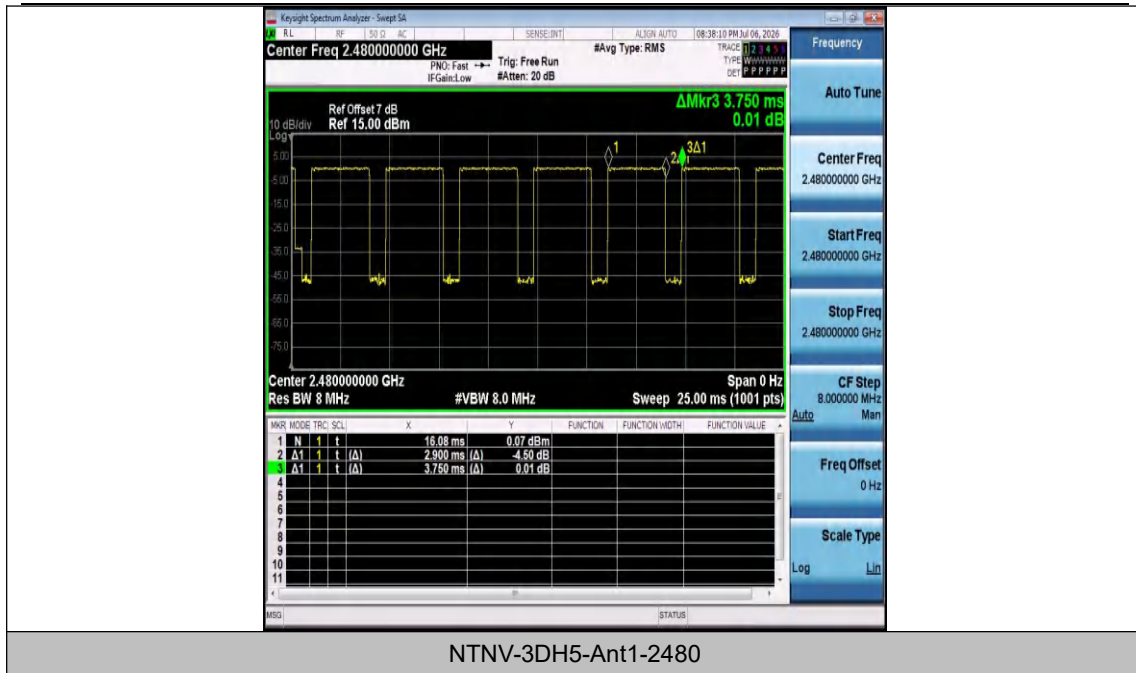




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---End---