

Appendix Test Data

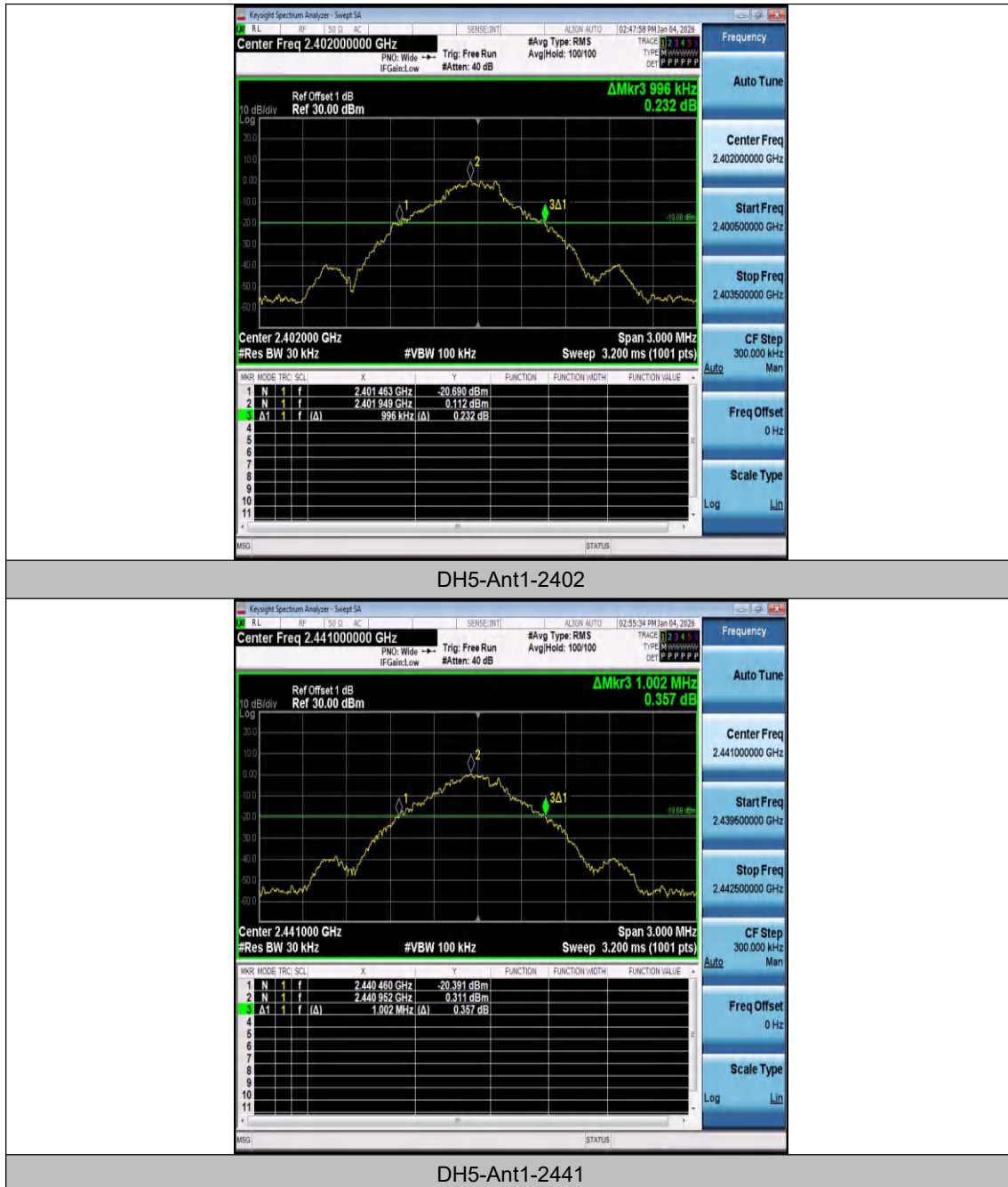
Report No.:	1812C50662812501-01	Test Sample No.:	1-2-2
Start Test Date:	2026-1-4	Finish Test Date:	2026-1-6
Test Engineer:	<i>Alex Peng</i>	Auditor:	<i>Justin Feng</i>
Temperature:	21.8℃	Relative Humidity:	40%
Pressure:	101kPa		

Appendix A: 20dB Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.996	2401.463	2402.459	---	---
DH5	Ant1	2441	1.002	2440.460	2441.462	---	---
DH5	Ant1	2480	1.029	2479.424	2480.453	---	---
2DH5	Ant1	2402	1.263	2401.337	2402.600	---	---
2DH5	Ant1	2441	1.281	2440.331	2441.612	---	---
2DH5	Ant1	2480	1.278	2479.334	2480.612	---	---
3DH5	Ant1	2402	1.257	2401.325	2402.582	---	---
3DH5	Ant1	2441	1.287	2440.304	2441.591	---	---
3DH5	Ant1	2480	1.293	2479.310	2480.603	---	---

Test Graphs



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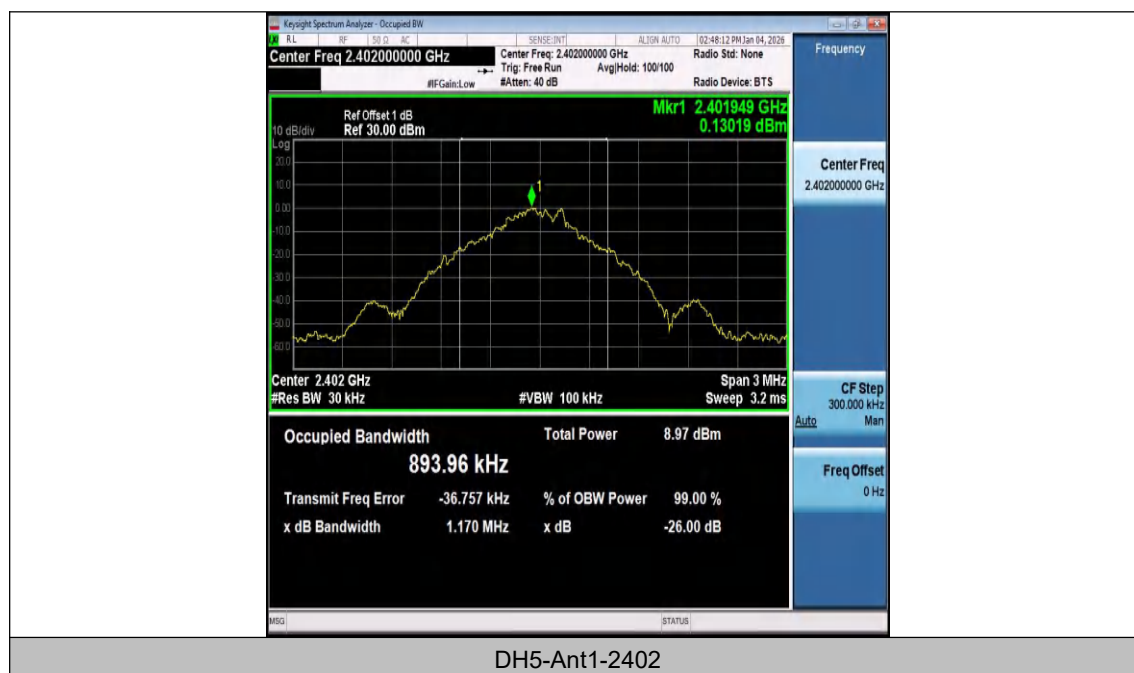
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Appendix B: 99% Occupied Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.89396	2401.5163	2402.4102	---	---
DH5	Ant1	2441	0.89795	2440.5130	2441.4109	---	---
DH5	Ant1	2480	0.90376	2479.5126	2480.4164	---	---
2DH5	Ant1	2402	1.1737	2401.3736	2402.5473	---	---
2DH5	Ant1	2441	1.1678	2440.3709	2441.5387	---	---
2DH5	Ant1	2480	1.1741	2479.3684	2480.5425	---	---
3DH5	Ant1	2402	1.1605	2401.3805	2402.5410	---	---
3DH5	Ant1	2441	1.1655	2440.3698	2441.5353	---	---
3DH5	Ant1	2480	1.1454	2479.3790	2480.5244	---	---

Test Graphs







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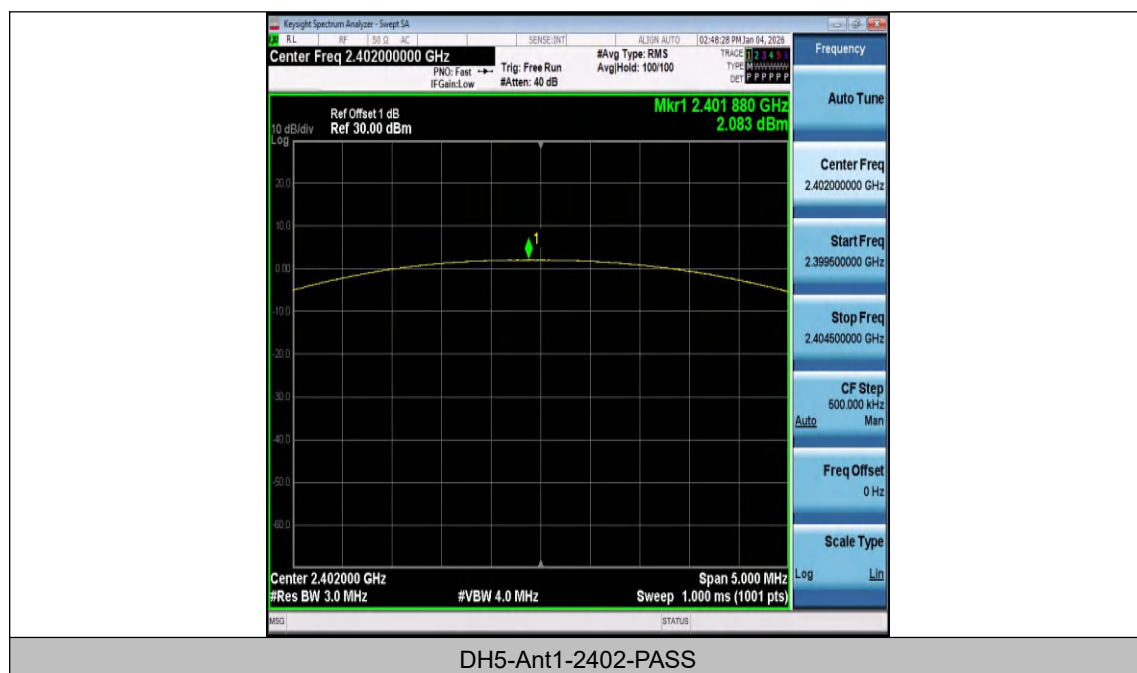
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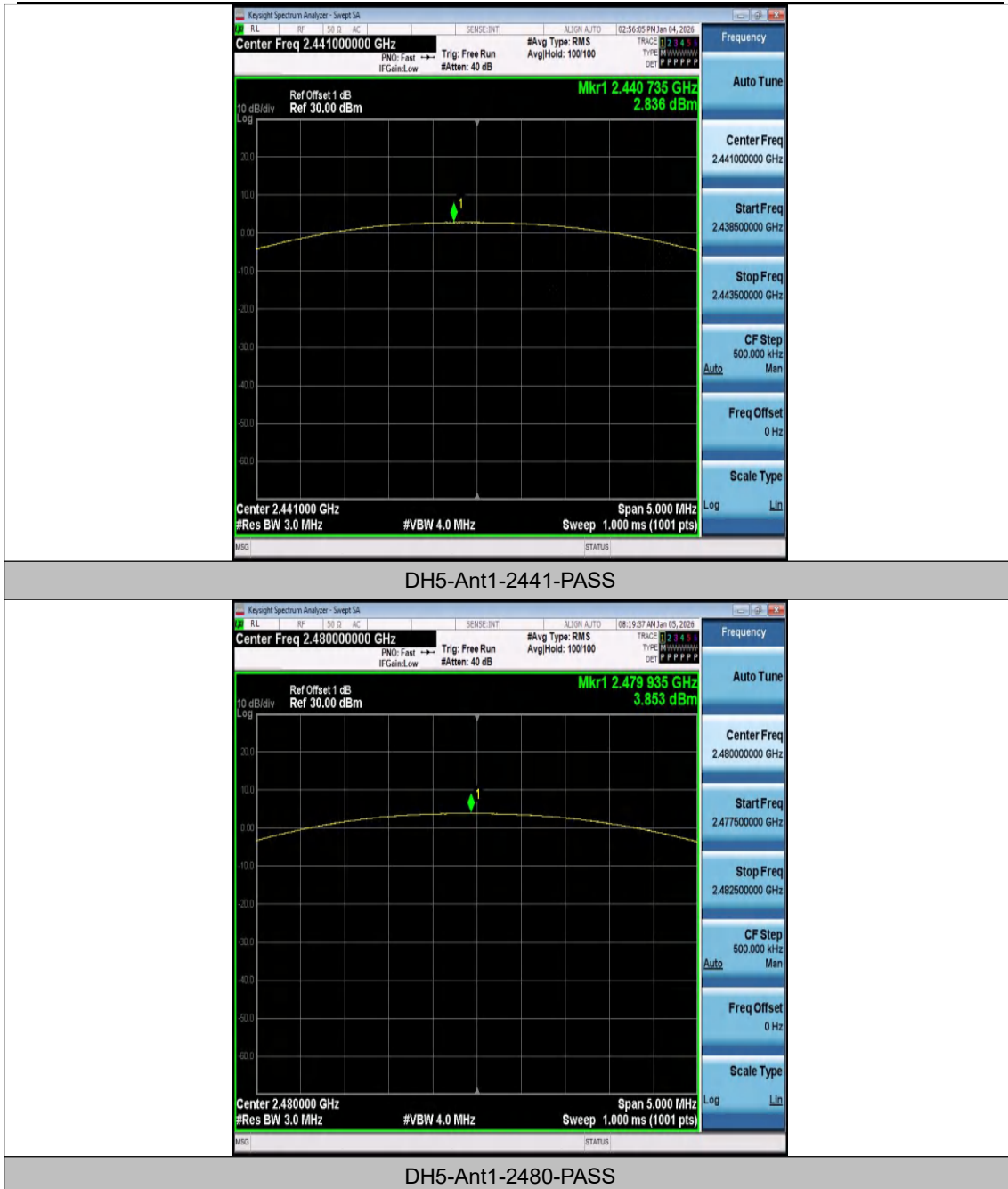
Appendix C: Maximum Conducted Output Power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	2.08	≤20.97	PASS
DH5	Ant1	2441	2.84	≤20.97	PASS
DH5	Ant1	2480	3.85	≤20.97	PASS
2DH5	Ant1	2402	2.34	≤20.97	PASS
2DH5	Ant1	2441	2.58	≤20.97	PASS
2DH5	Ant1	2480	3.58	≤20.97	PASS
3DH5	Ant1	2402	2.45	≤20.97	PASS
3DH5	Ant1	2441	2.80	≤20.97	PASS
3DH5	Ant1	2480	3.90	≤20.97	PASS

Test Graphs

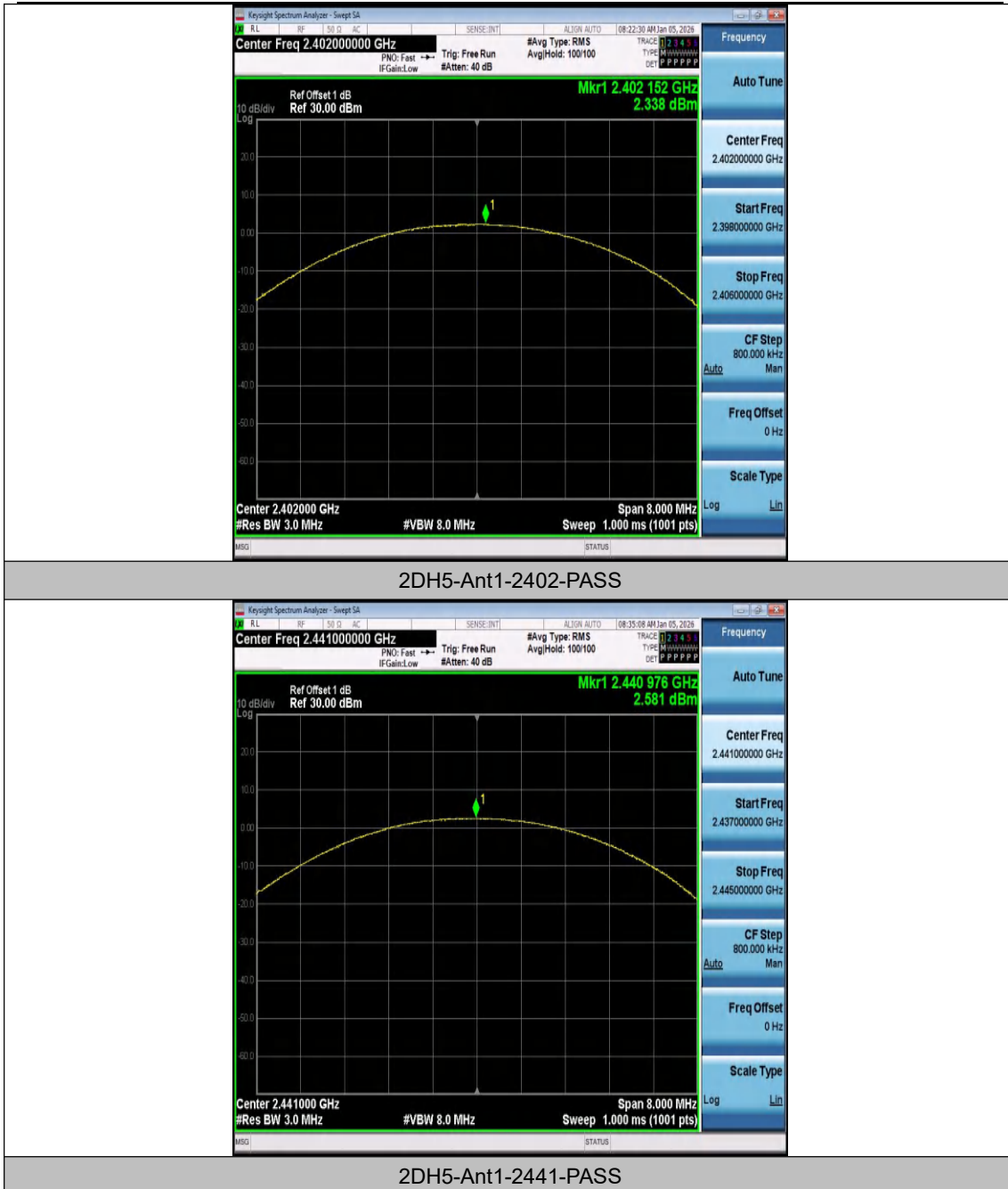




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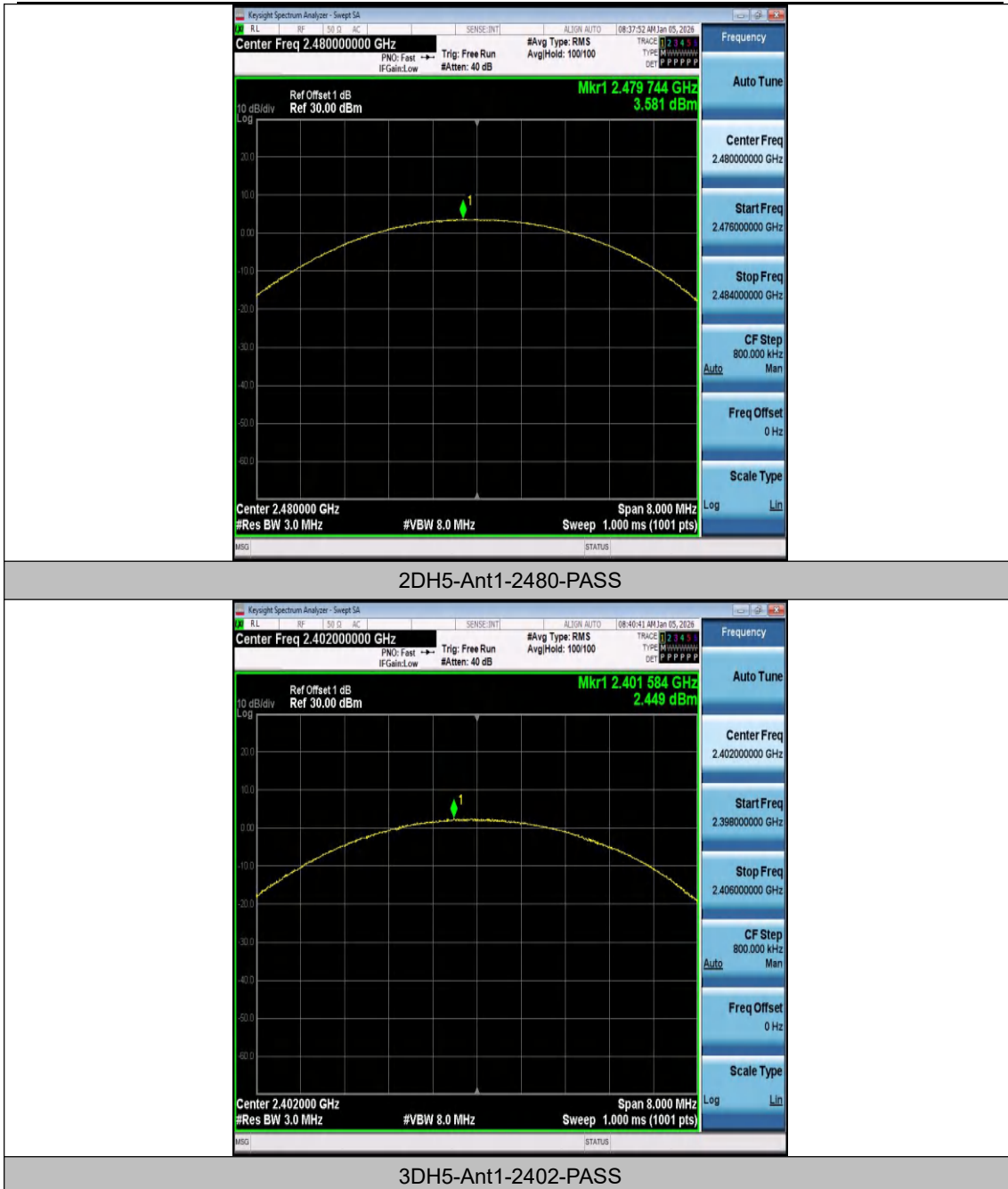
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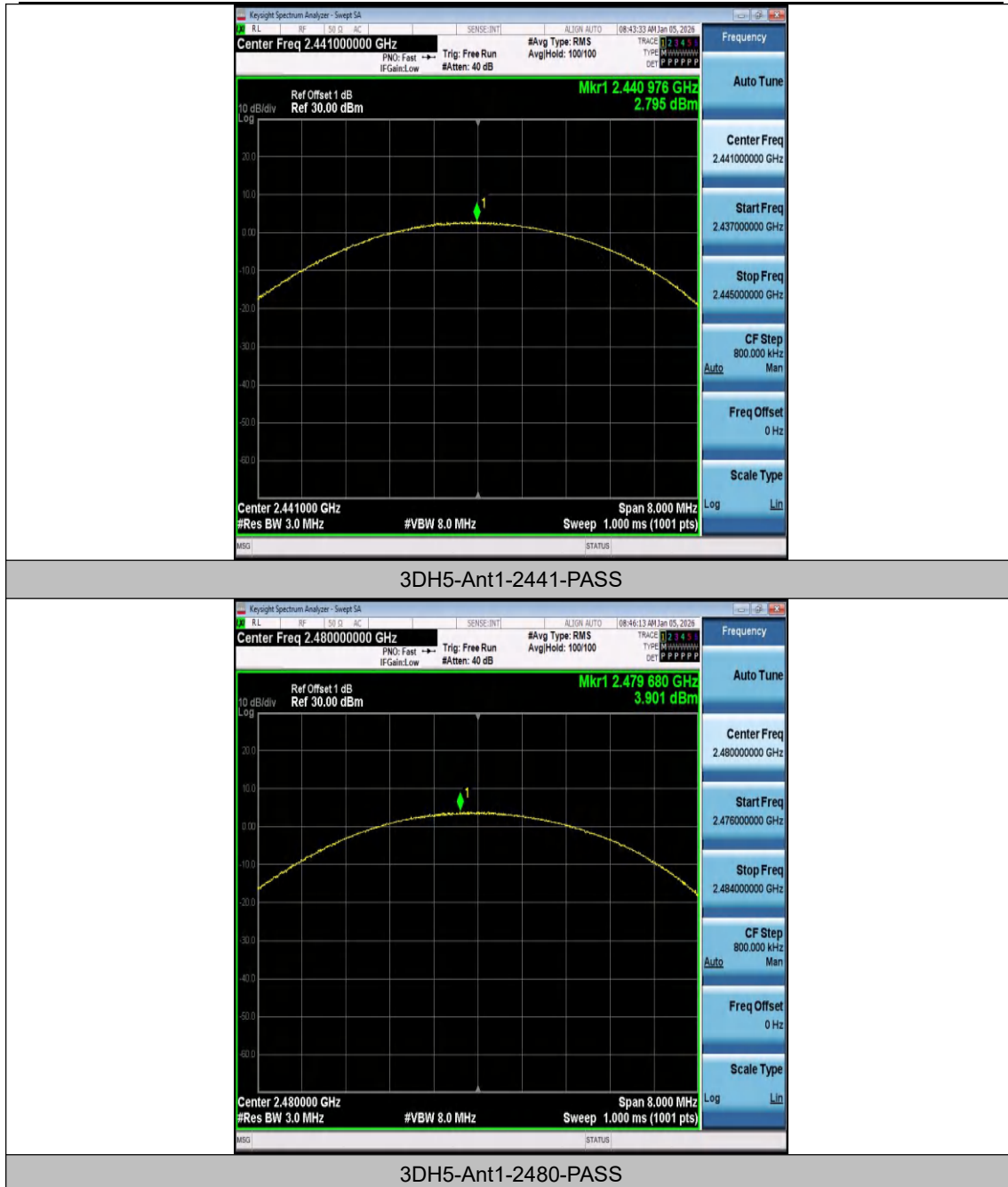
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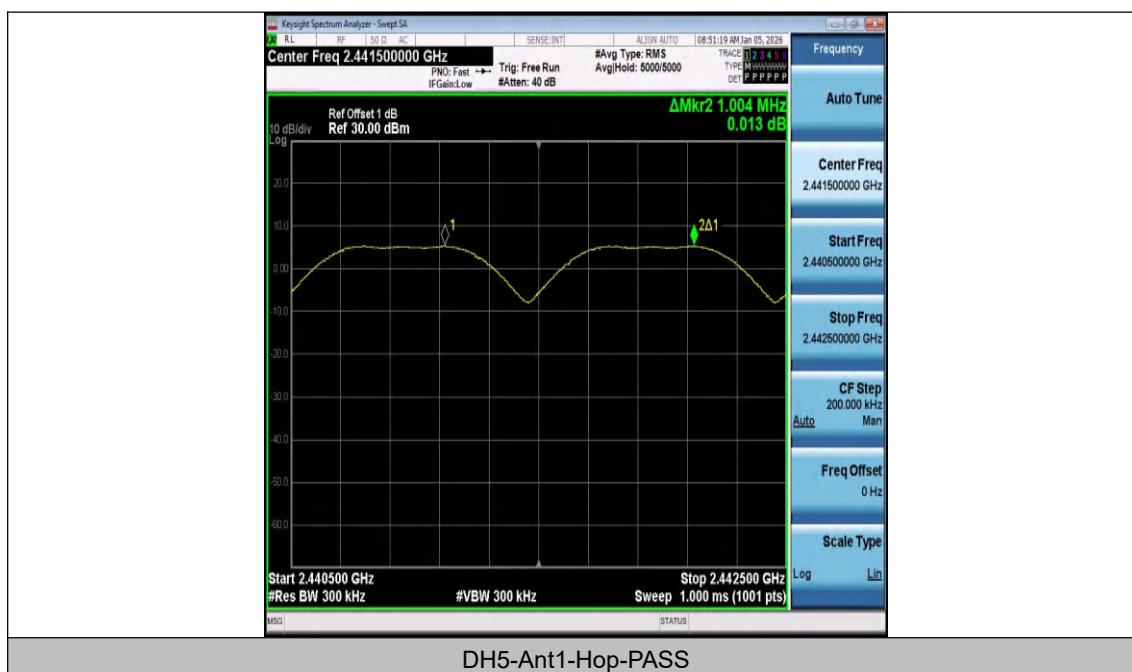
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Appendix D: Carrier frequency separation

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.004	≥ 0.686	PASS
2DH5	Ant1	Hop	0.962	≥ 0.854	PASS
3DH5	Ant1	Hop	1	≥ 0.862	PASS

Test Graphs





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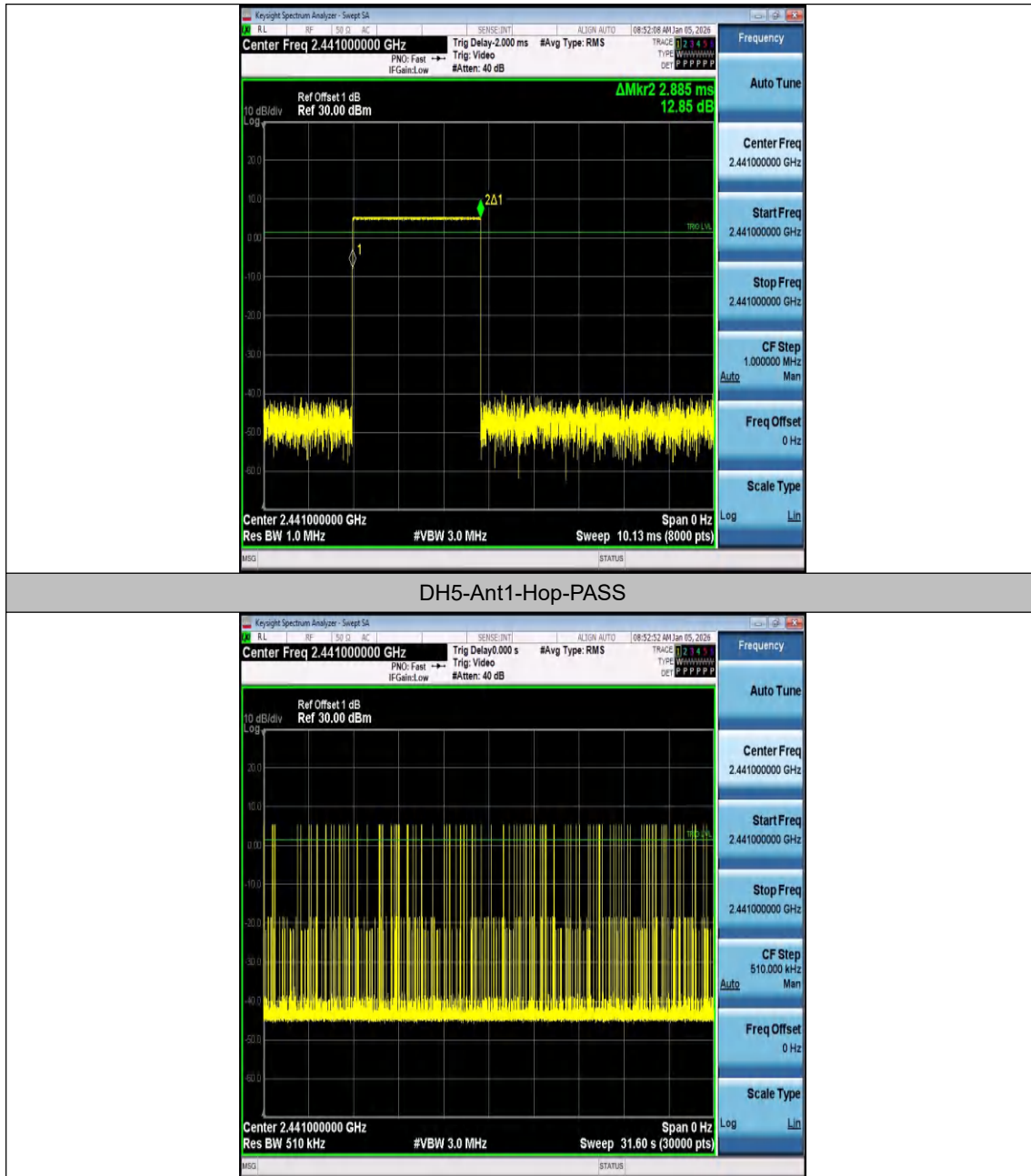
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Appendix E: Dwell Time

Test Result

Test Mode	Antenna	Frequency [MHz]	Burst Width [ms]	Total Hops [Num]	Result [s]	Limit [s]	Verdict
DH5	Ant1	Hop	2.885	109	0.314	≤0.4	PASS
2DH5	Ant1	Hop	2.891	118	0.341	≤0.4	PASS
3DH5	Ant1	Hop	2.892	99	0.286	≤0.4	PASS

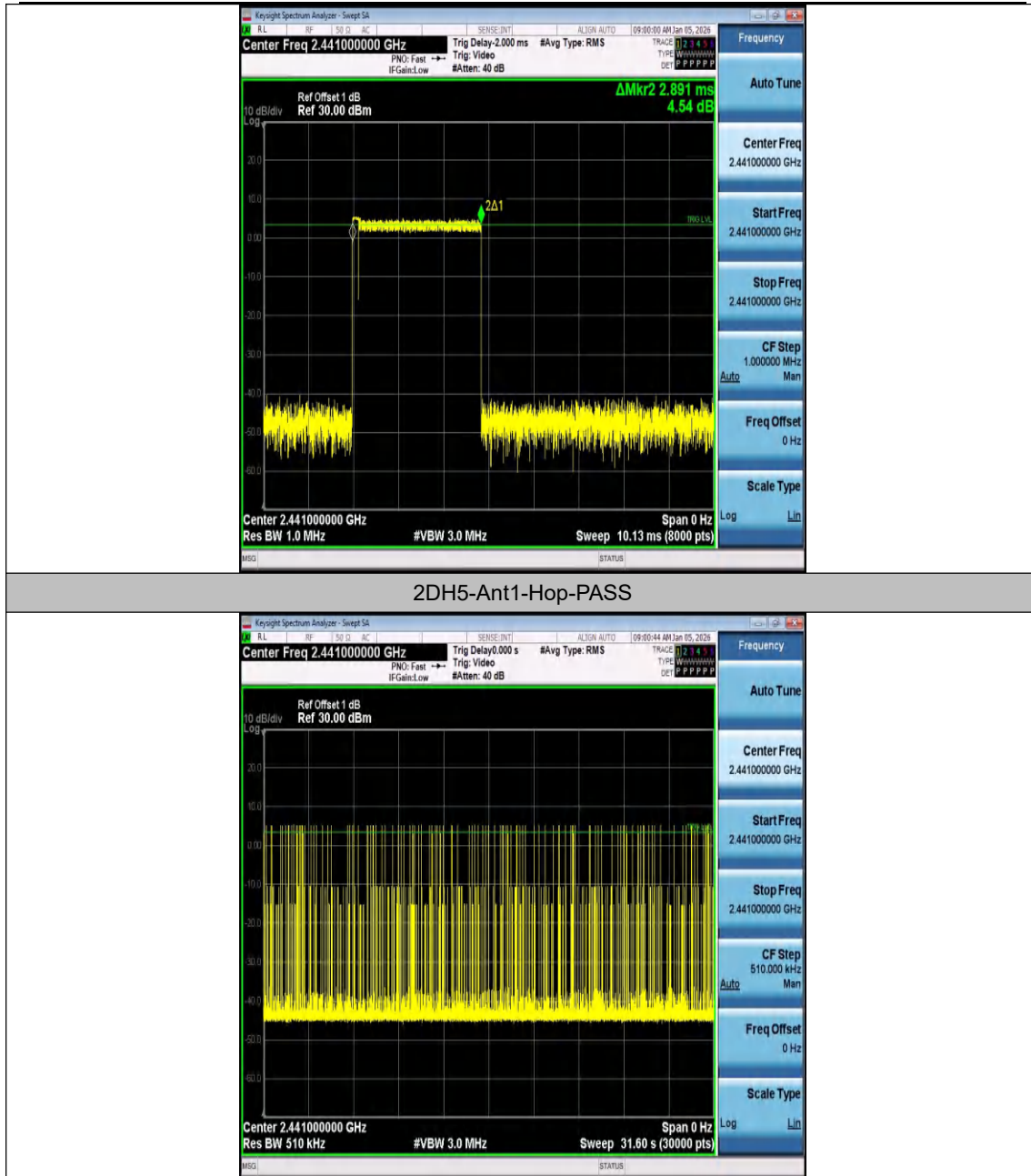
Test Graphs



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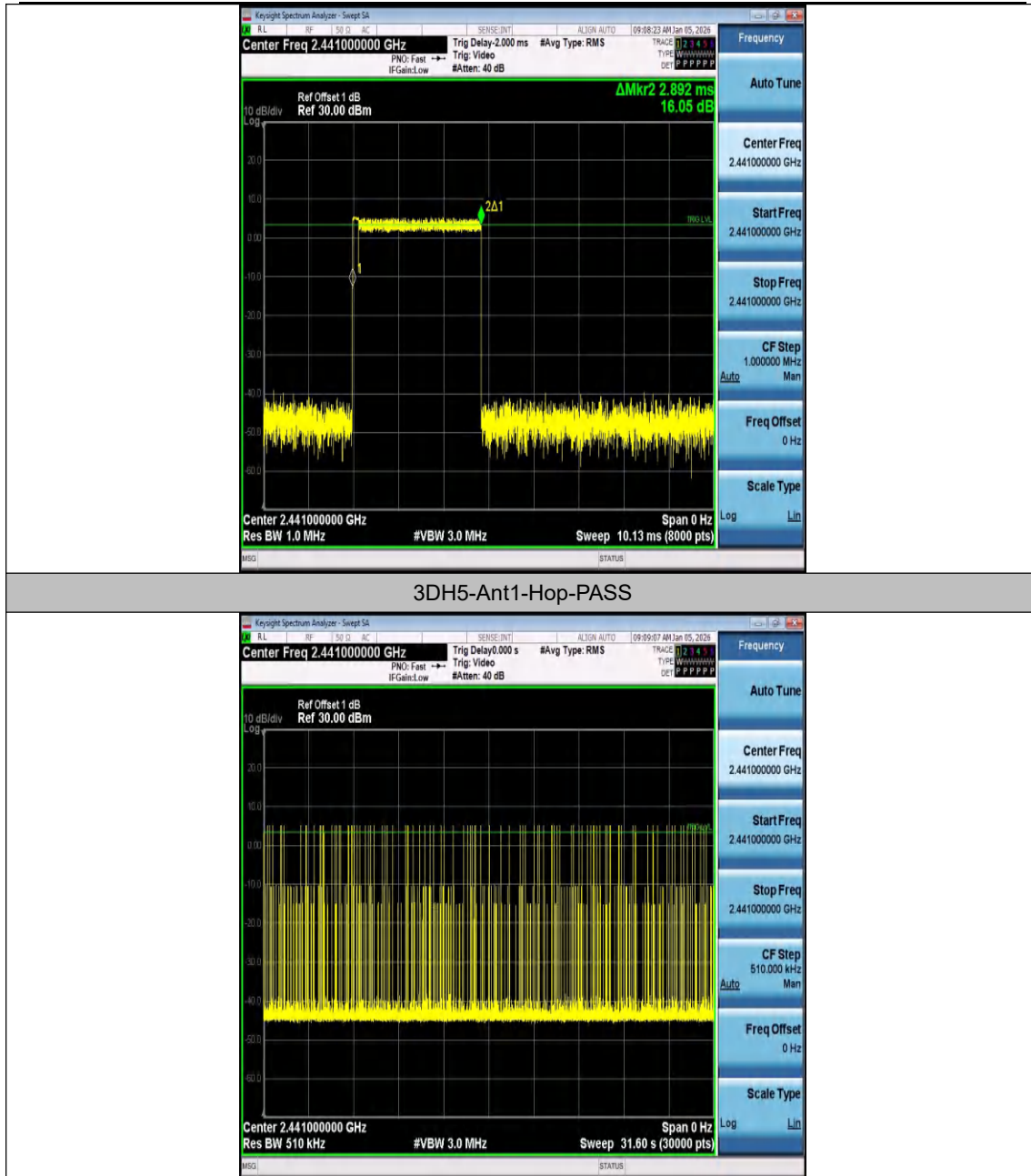
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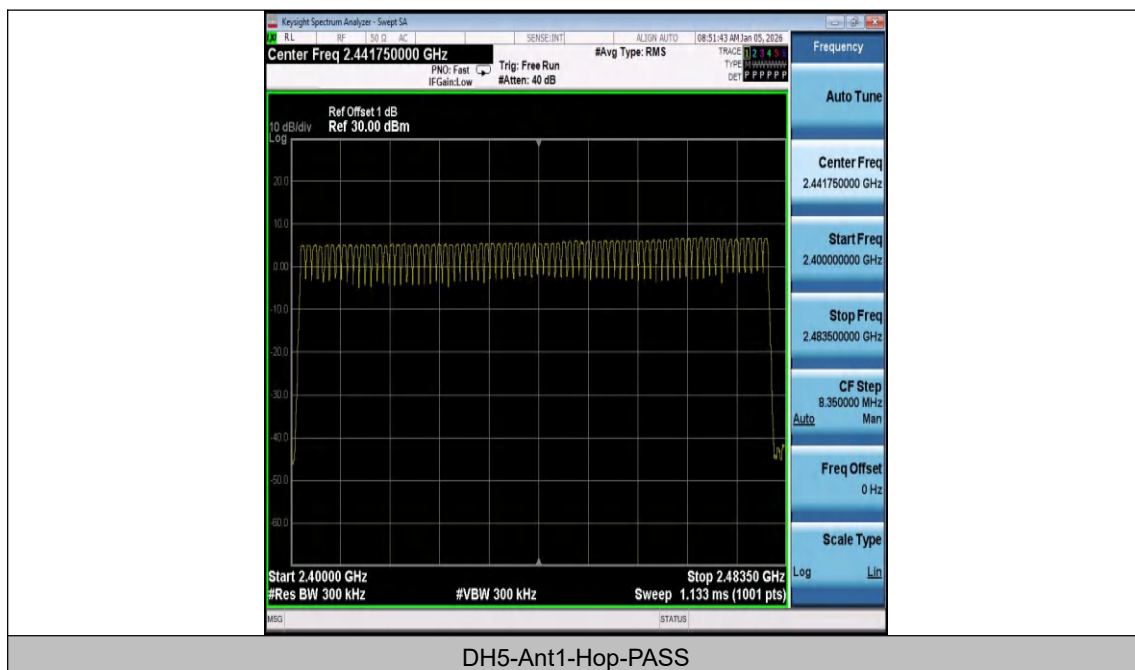
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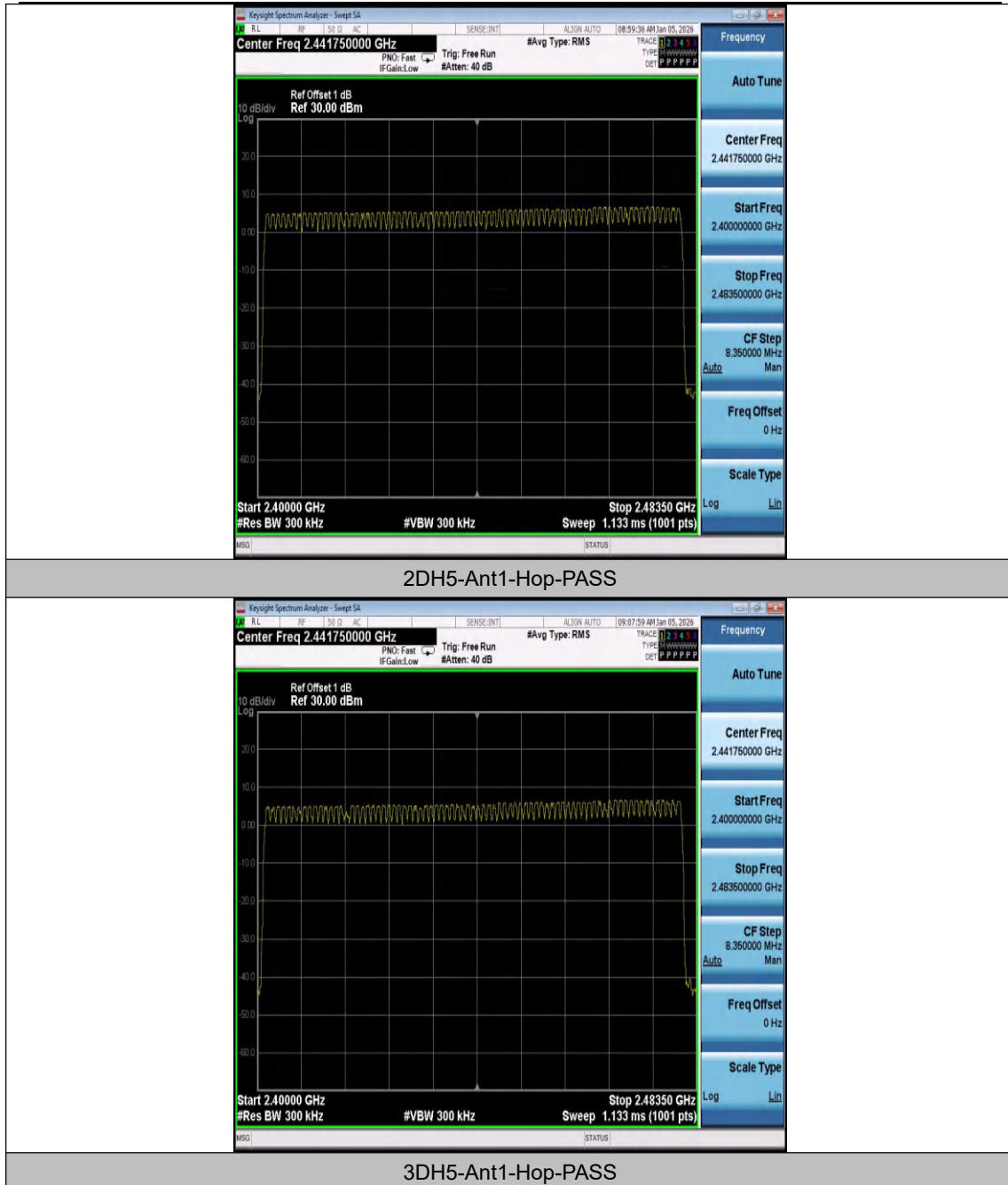
Appendix F: Number of Hopping Channel

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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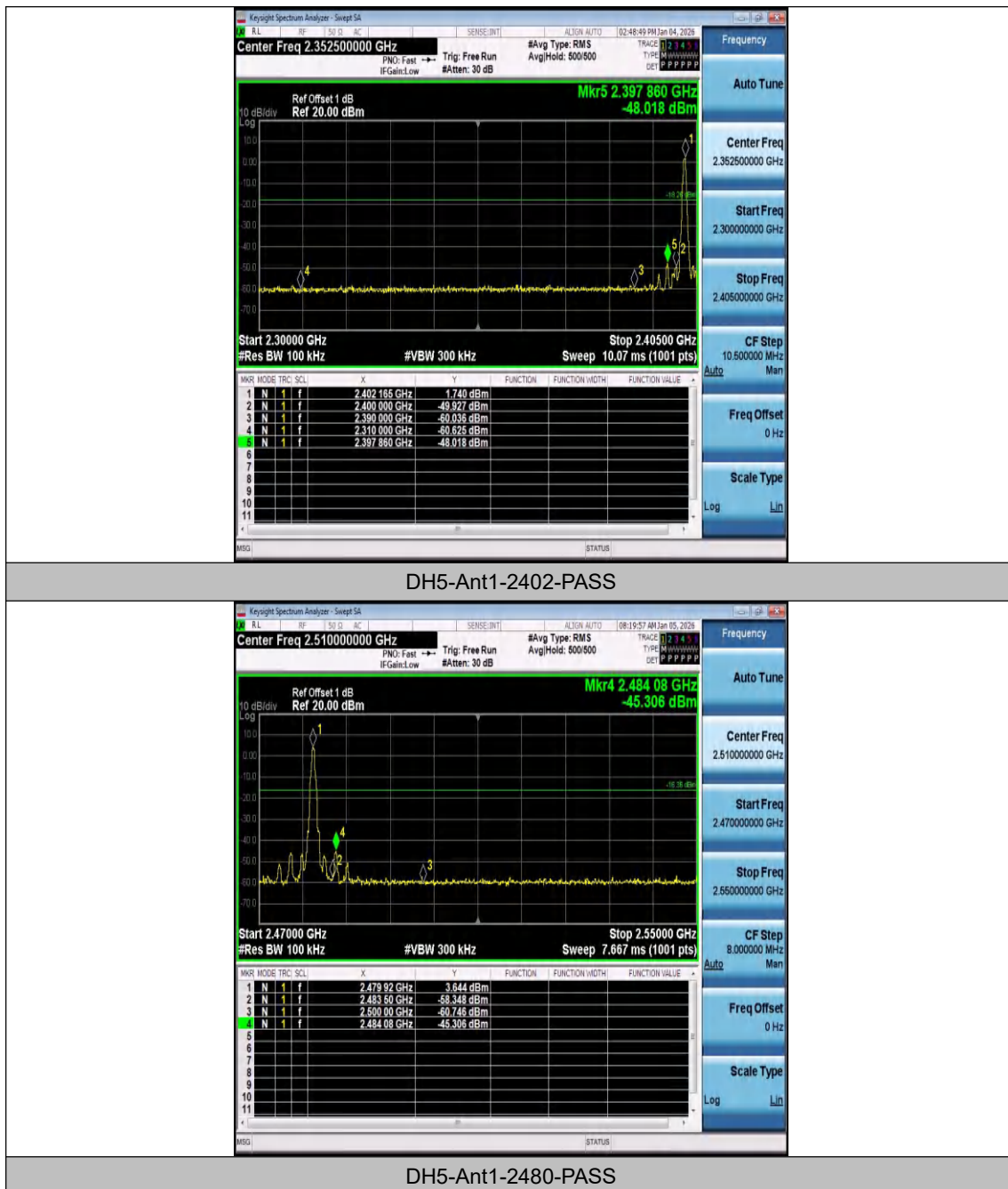
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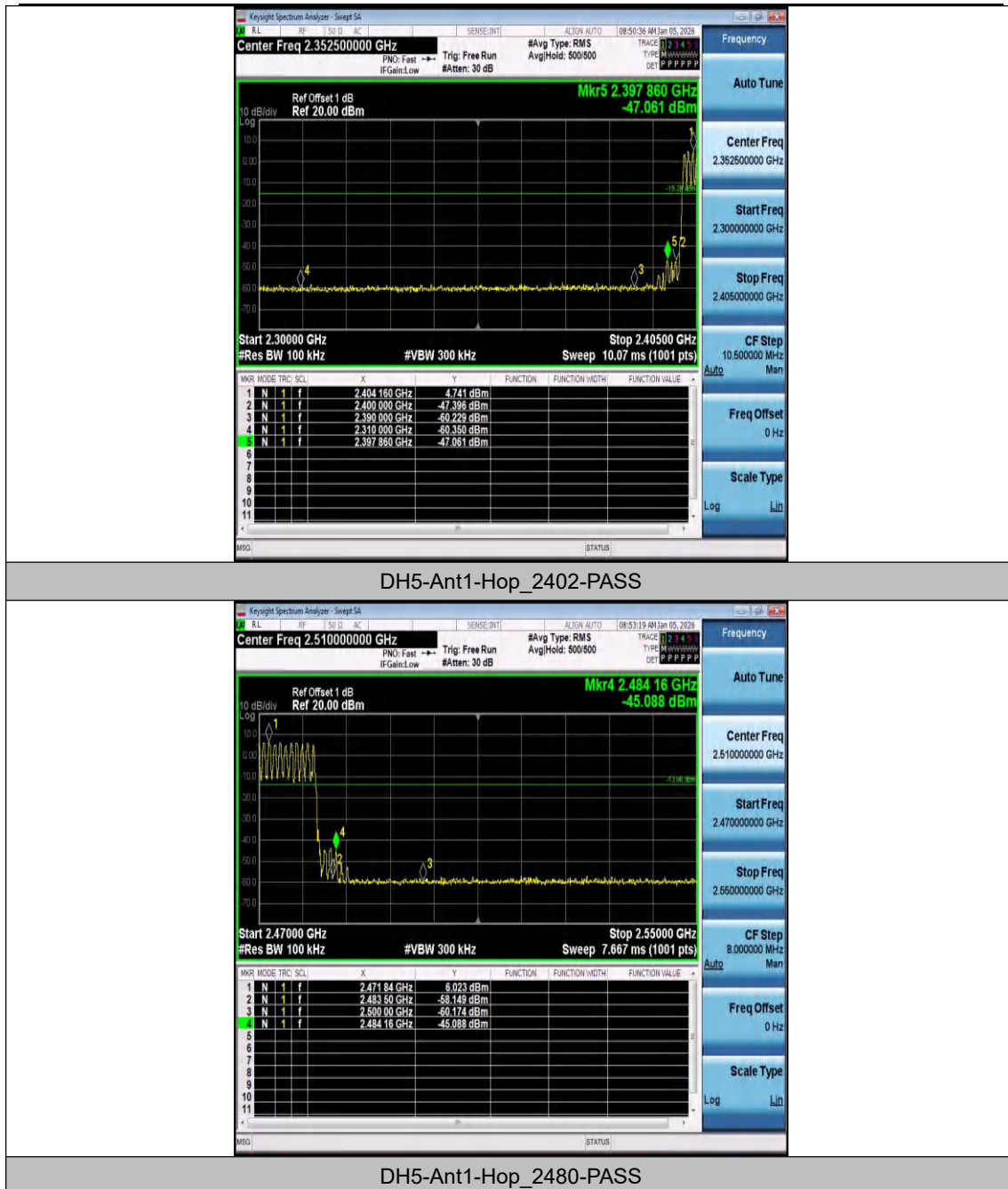
Appendix G: Conducted Band edge

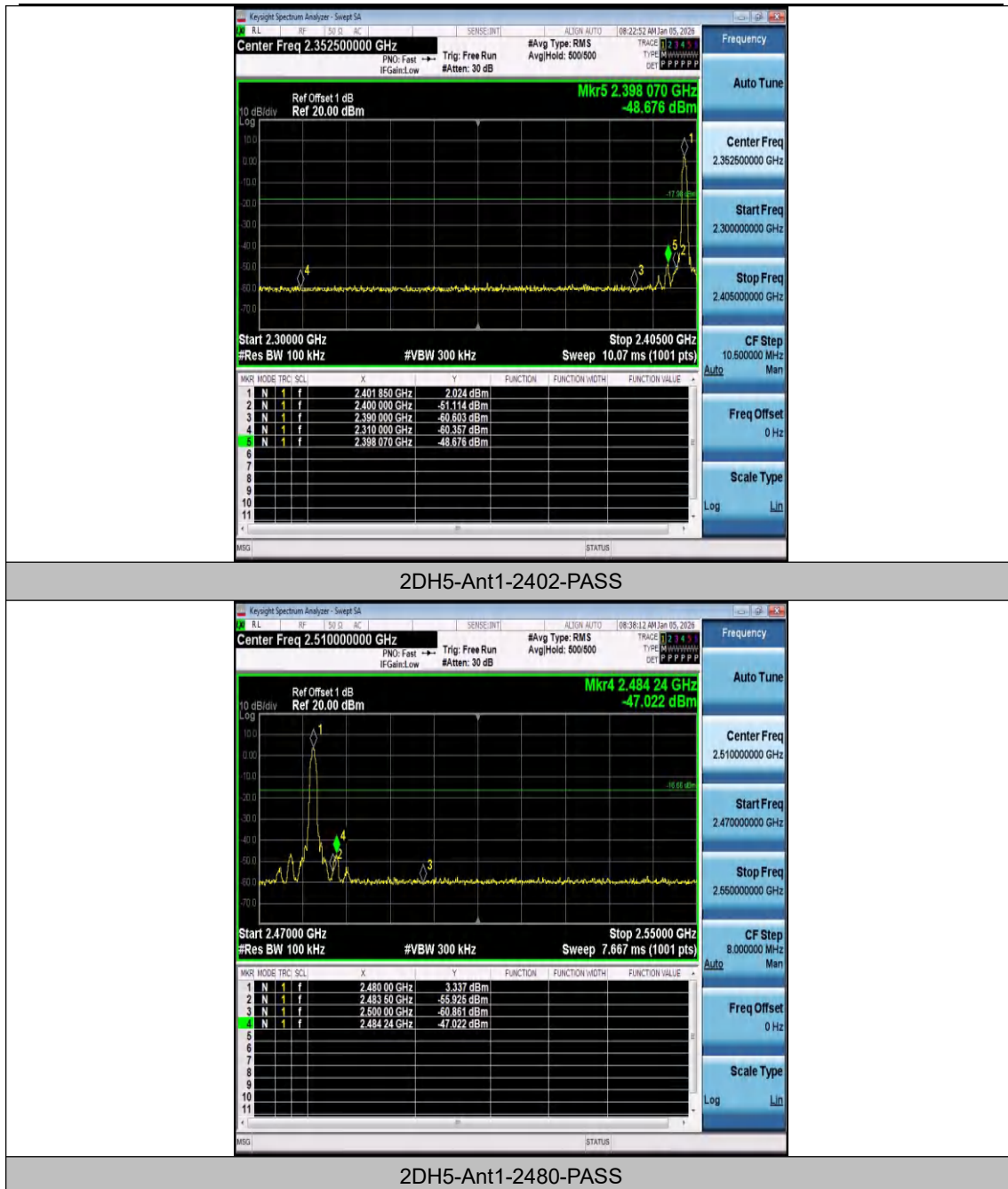
Test Result

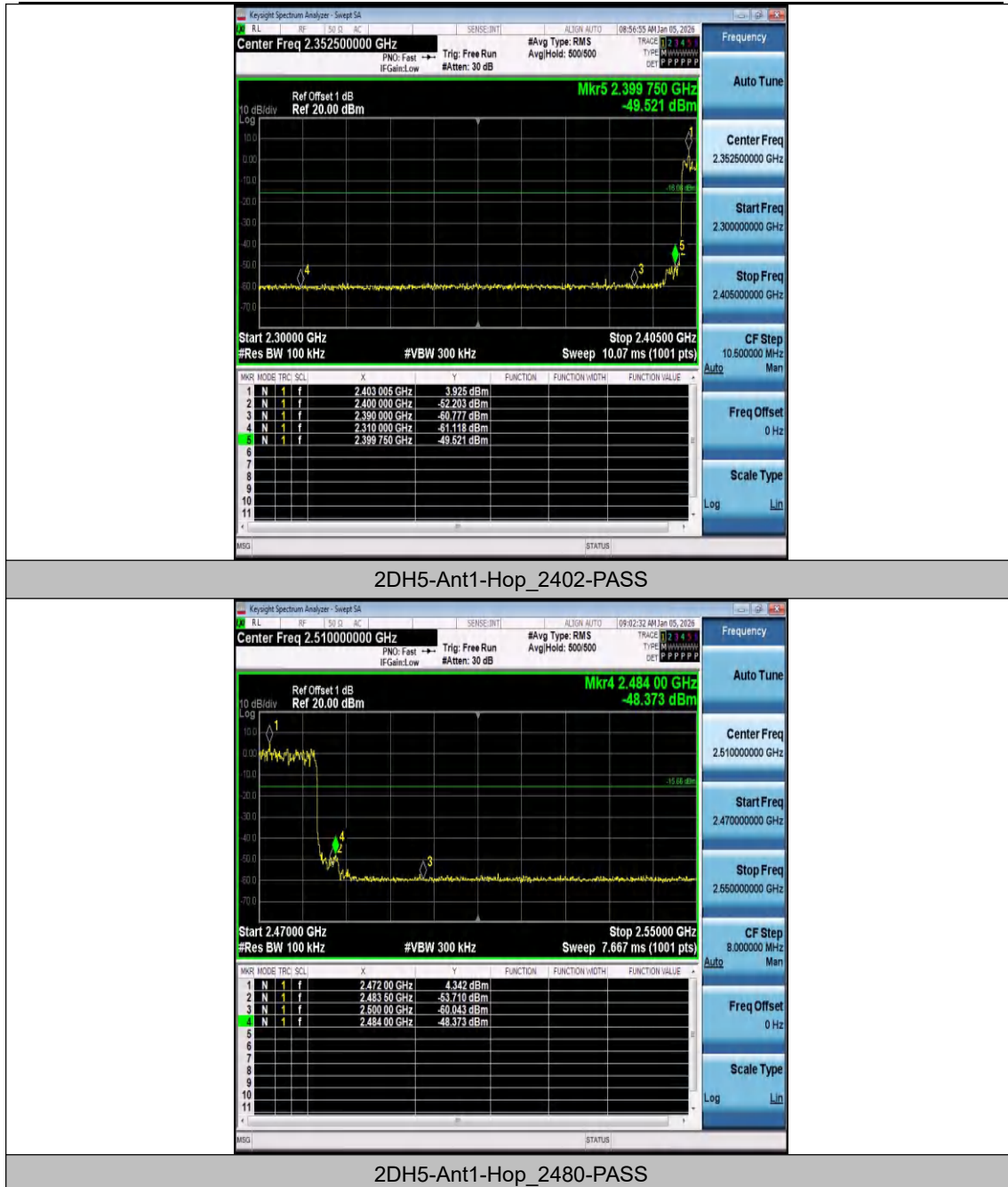
Test Mode	Antenna	Ch. Name	Frequency [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	1.74	-48.02	≤-18.26	PASS
DH5	Ant1	High	2480	3.64	-45.31	≤-16.36	PASS
DH5	Ant1	Low	Hop_2402	4.74	-47.06	≤-15.26	PASS
DH5	Ant1	High	Hop_2480	6.02	-45.09	≤-13.98	PASS
2DH5	Ant1	Low	2402	2.02	-48.68	≤-17.98	PASS
2DH5	Ant1	High	2480	3.34	-47.02	≤-16.66	PASS
2DH5	Ant1	Low	Hop_2402	3.93	-49.52	≤-16.08	PASS
2DH5	Ant1	High	Hop_2480	4.34	-48.37	≤-15.66	PASS
3DH5	Ant1	Low	2402	1.83	-50.41	≤-18.17	PASS
3DH5	Ant1	High	2480	3.22	-46.93	≤-16.78	PASS
3DH5	Ant1	Low	Hop_2402	0.23	-51.65	≤-19.77	PASS
3DH5	Ant1	High	Hop_2480	5.33	-48.07	≤-14.67	PASS

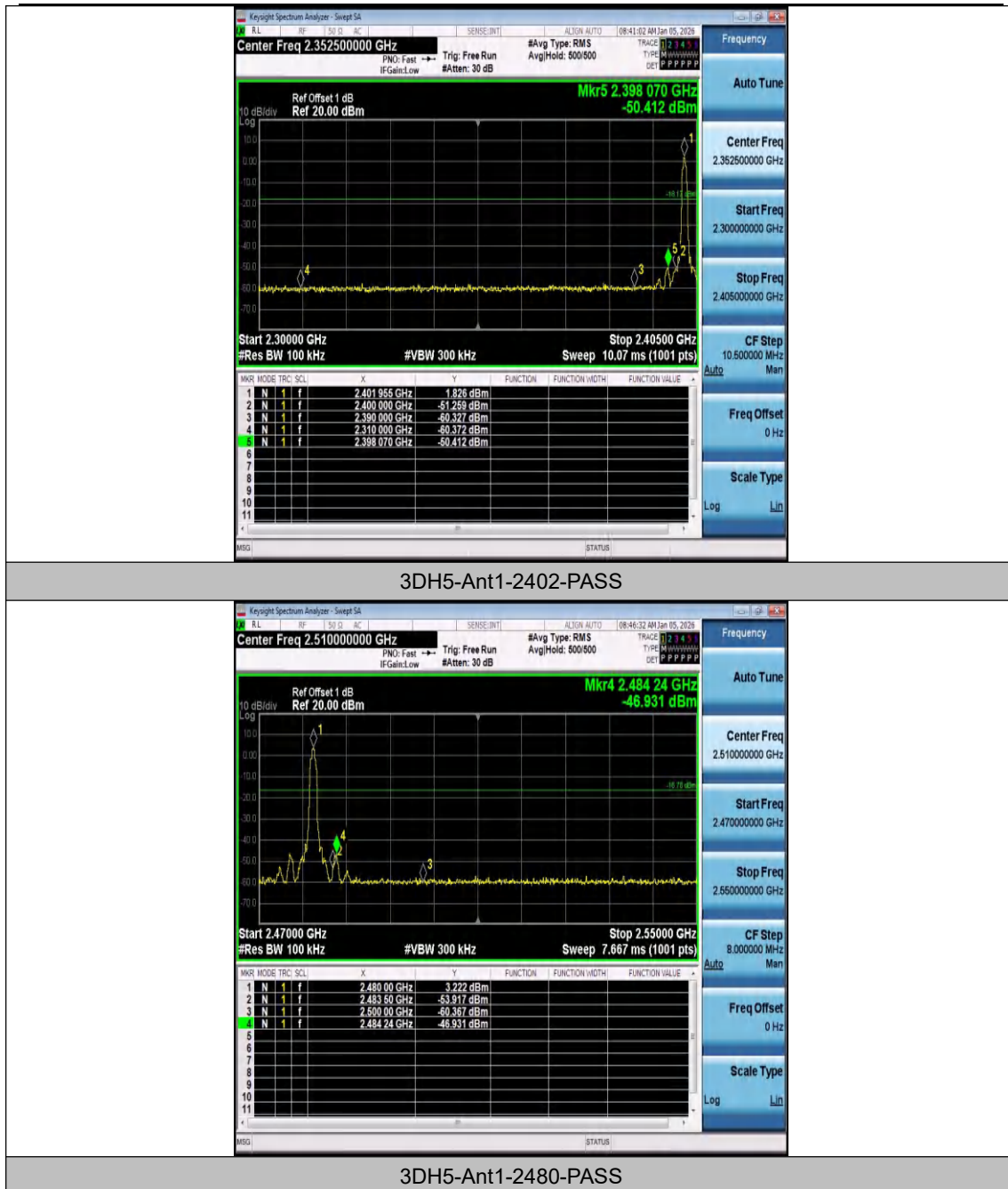
Test Graphs

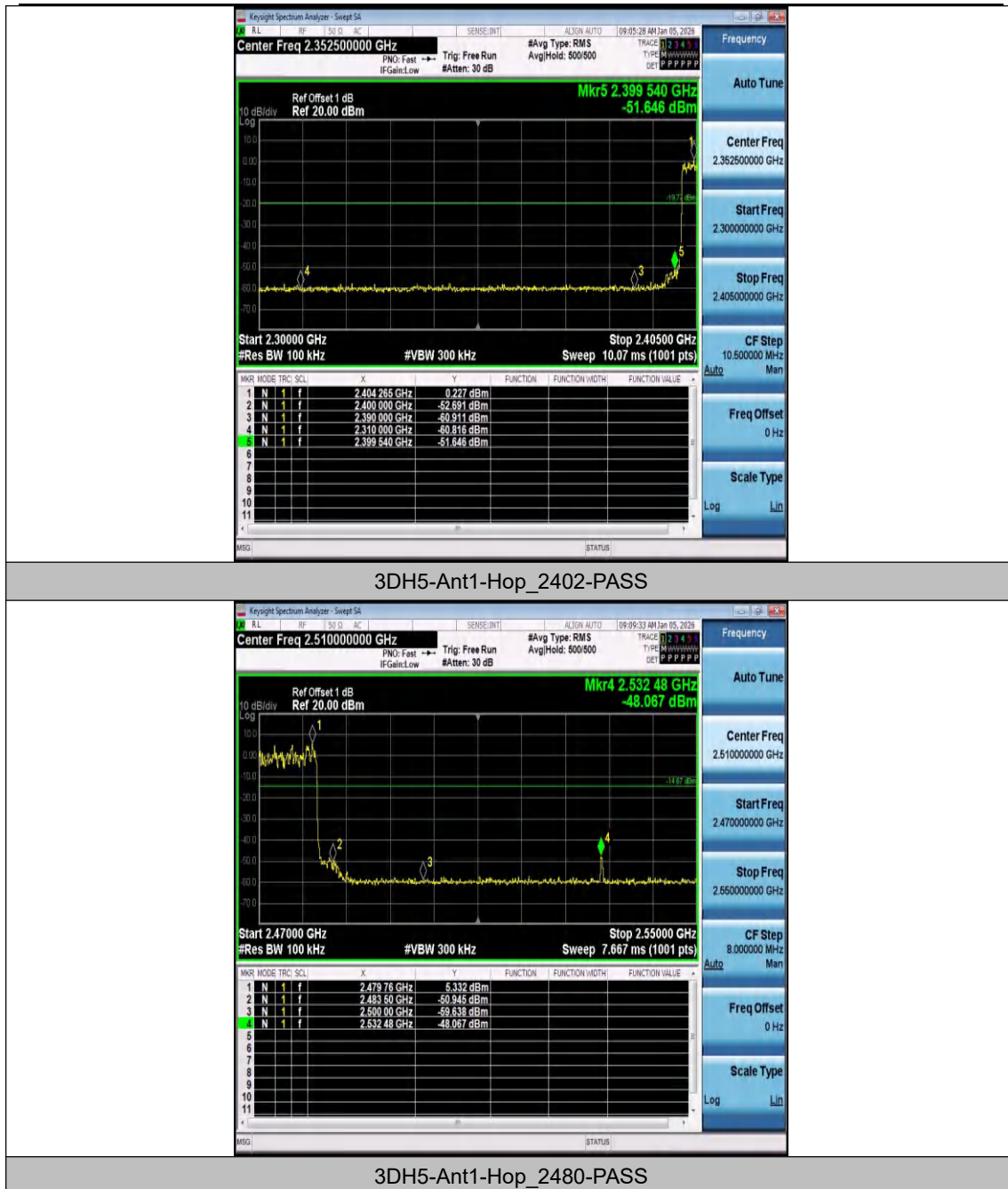












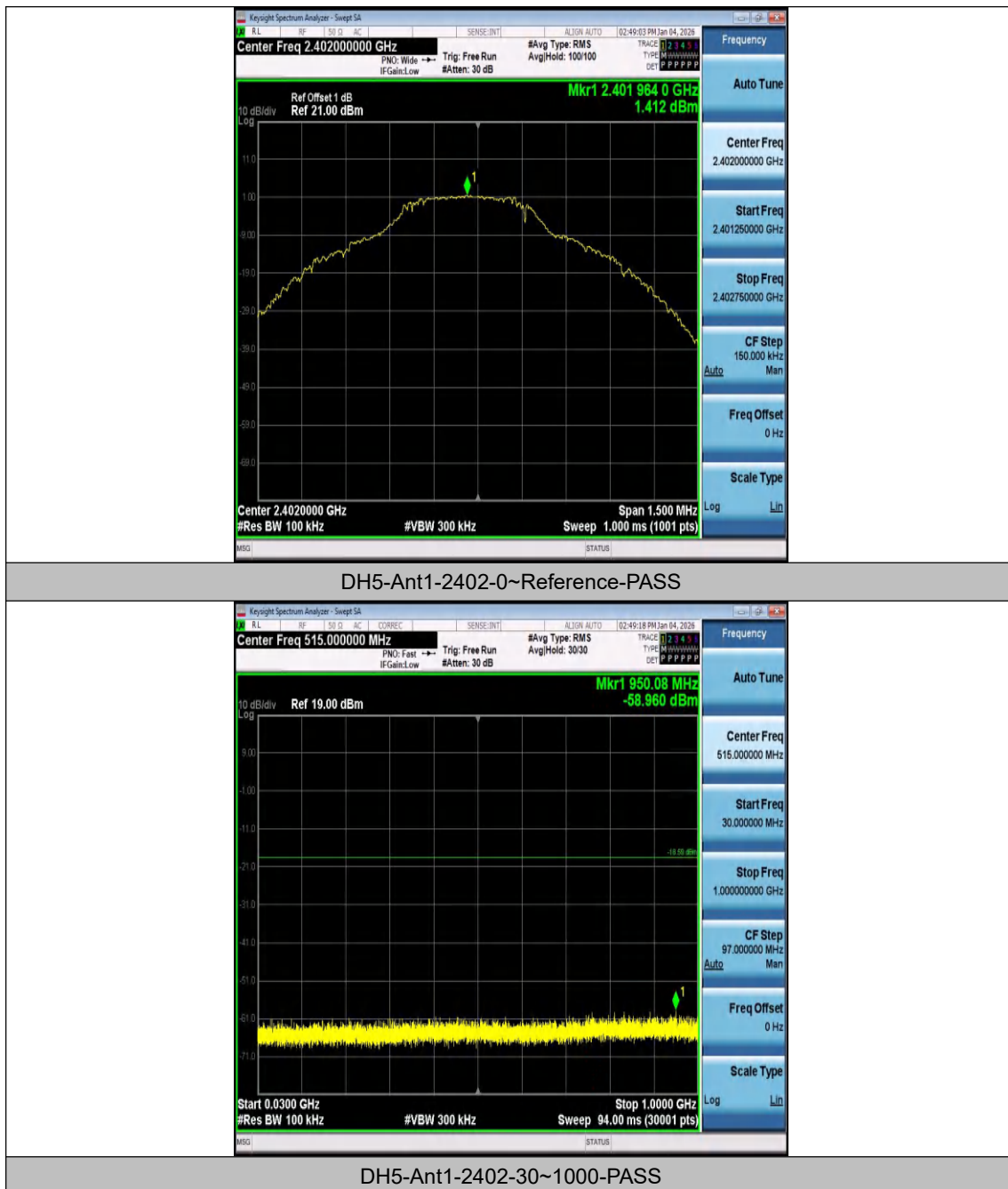
Appendix H: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency[MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	0~Reference	1.41	1.41	---	PASS
DH5	Ant1	2402	30~1000	1.41	-58.96	≤-18.59	PASS
DH5	Ant1	2402	1000~26500	1.41	-48.97	≤-18.59	PASS
DH5	Ant1	2441	0~Reference	2.27	2.27	---	PASS
DH5	Ant1	2441	30~1000	2.27	-59.33	≤-17.73	PASS
DH5	Ant1	2441	1000~26500	2.27	-49.07	≤-17.73	PASS
DH5	Ant1	2480	0~Reference	3.27	3.27	---	PASS
DH5	Ant1	2480	30~1000	3.27	-59.44	≤-16.73	PASS
DH5	Ant1	2480	1000~26500	3.27	-49.04	≤-16.73	PASS
2DH5	Ant1	2402	0~Reference	1.28	1.28	---	PASS
2DH5	Ant1	2402	30~1000	1.28	-59.18	≤-18.72	PASS
2DH5	Ant1	2402	1000~26500	1.28	-48.94	≤-18.72	PASS
2DH5	Ant1	2441	0~Reference	1.85	1.85	---	PASS
2DH5	Ant1	2441	30~1000	1.85	-58.97	≤-18.15	PASS
2DH5	Ant1	2441	1000~26500	1.85	-38.89	≤-18.15	PASS
2DH5	Ant1	2480	0~Reference	2.58	2.58	---	PASS
2DH5	Ant1	2480	30~1000	2.58	-59.17	≤-17.42	PASS
2DH5	Ant1	2480	1000~26500	2.58	-41.3	≤-17.42	PASS
3DH5	Ant1	2402	0~Reference	1.72	1.72	---	PASS
3DH5	Ant1	2402	30~1000	1.72	-59.21	≤-18.28	PASS
3DH5	Ant1	2402	1000~26500	1.72	-49.12	≤-18.28	PASS
3DH5	Ant1	2441	0~Reference	2.11	2.11	---	PASS
3DH5	Ant1	2441	30~1000	2.11	-58.89	≤-17.89	PASS
3DH5	Ant1	2441	1000~26500	2.11	-48.77	≤-17.89	PASS
3DH5	Ant1	2480	0~Reference	3.14	3.14	---	PASS
3DH5	Ant1	2480	30~1000	3.14	-58.96	≤-16.86	PASS
3DH5	Ant1	2480	1000~26500	3.14	-48.52	≤-16.86	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.

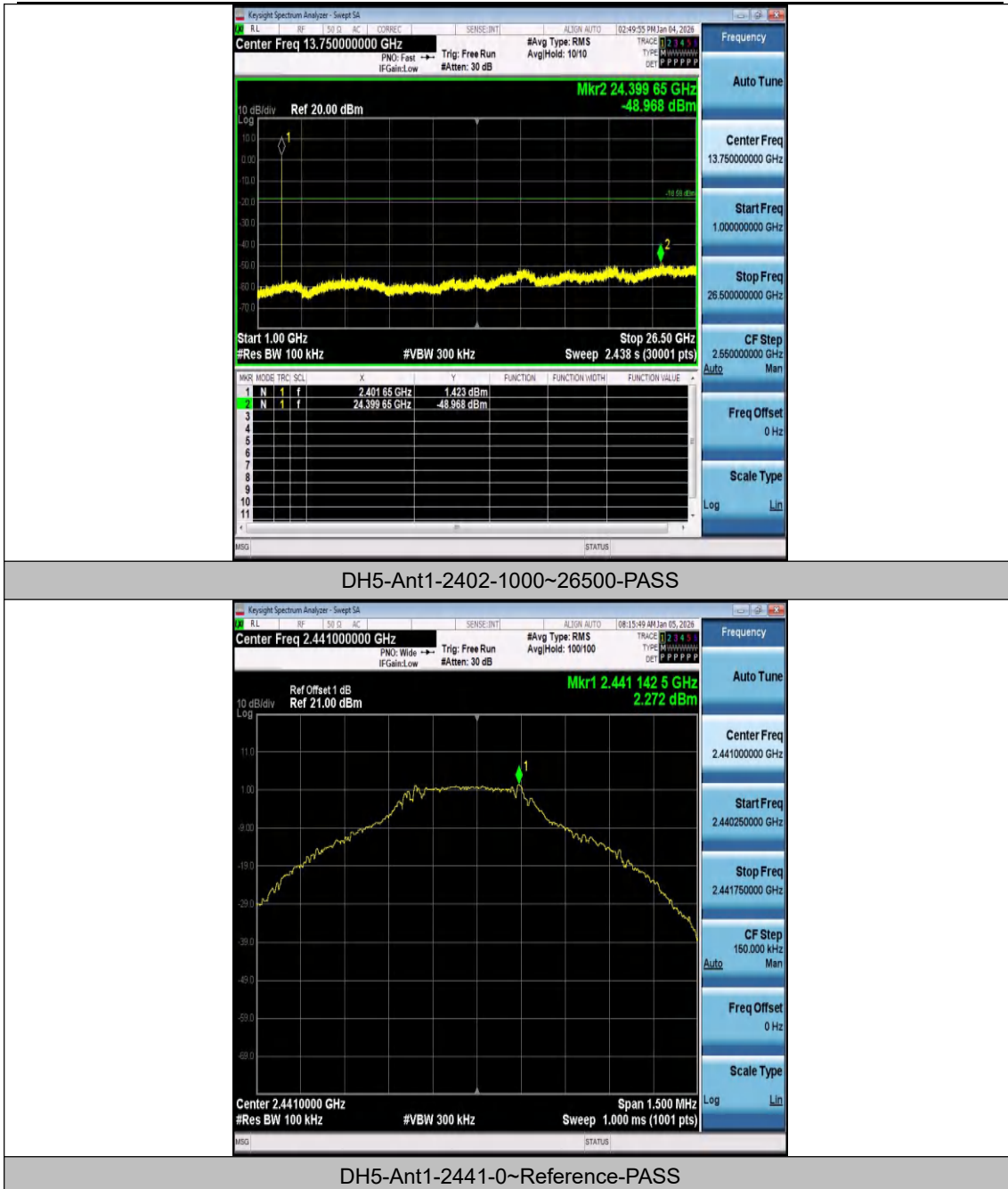
Test Graphs



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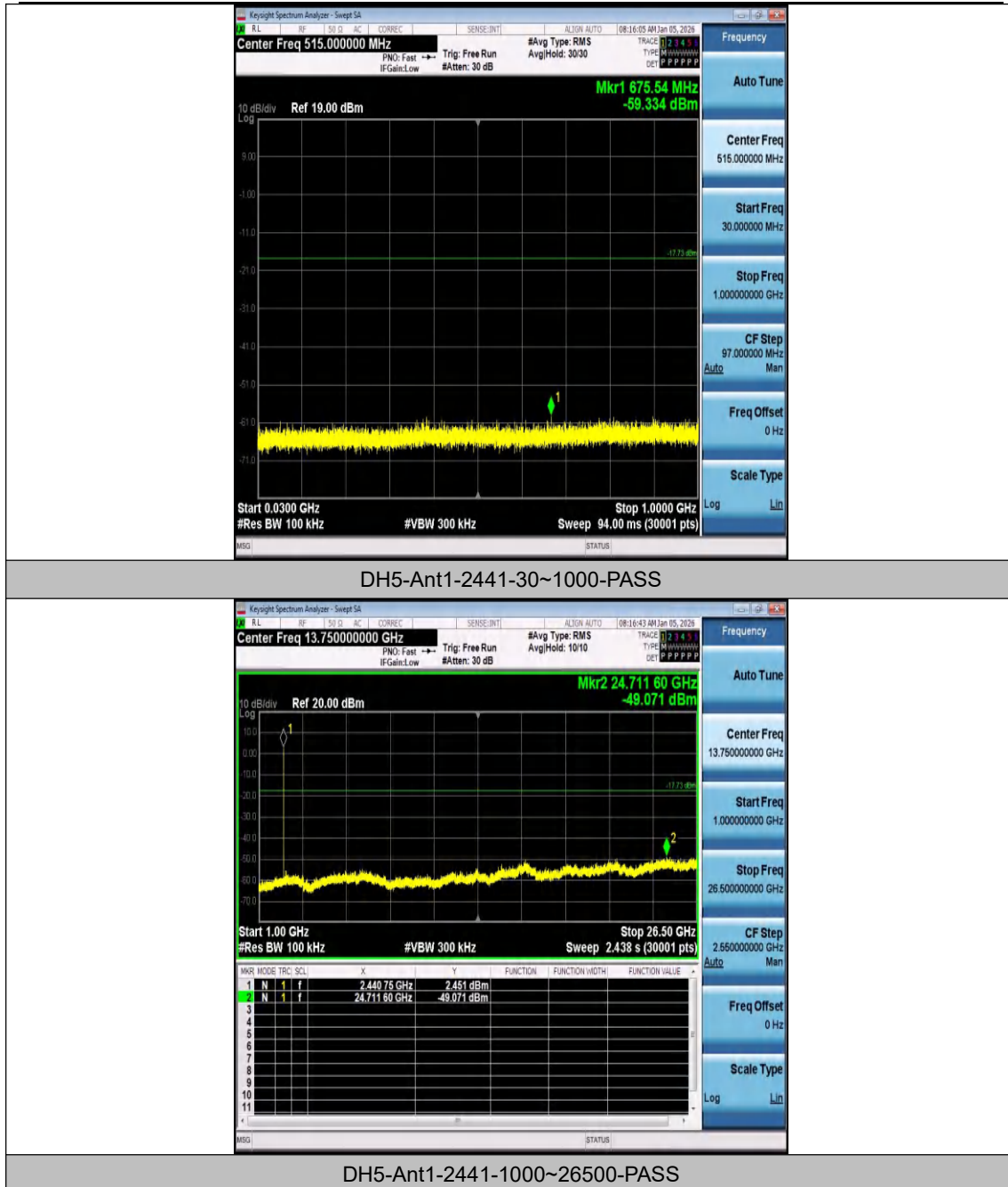
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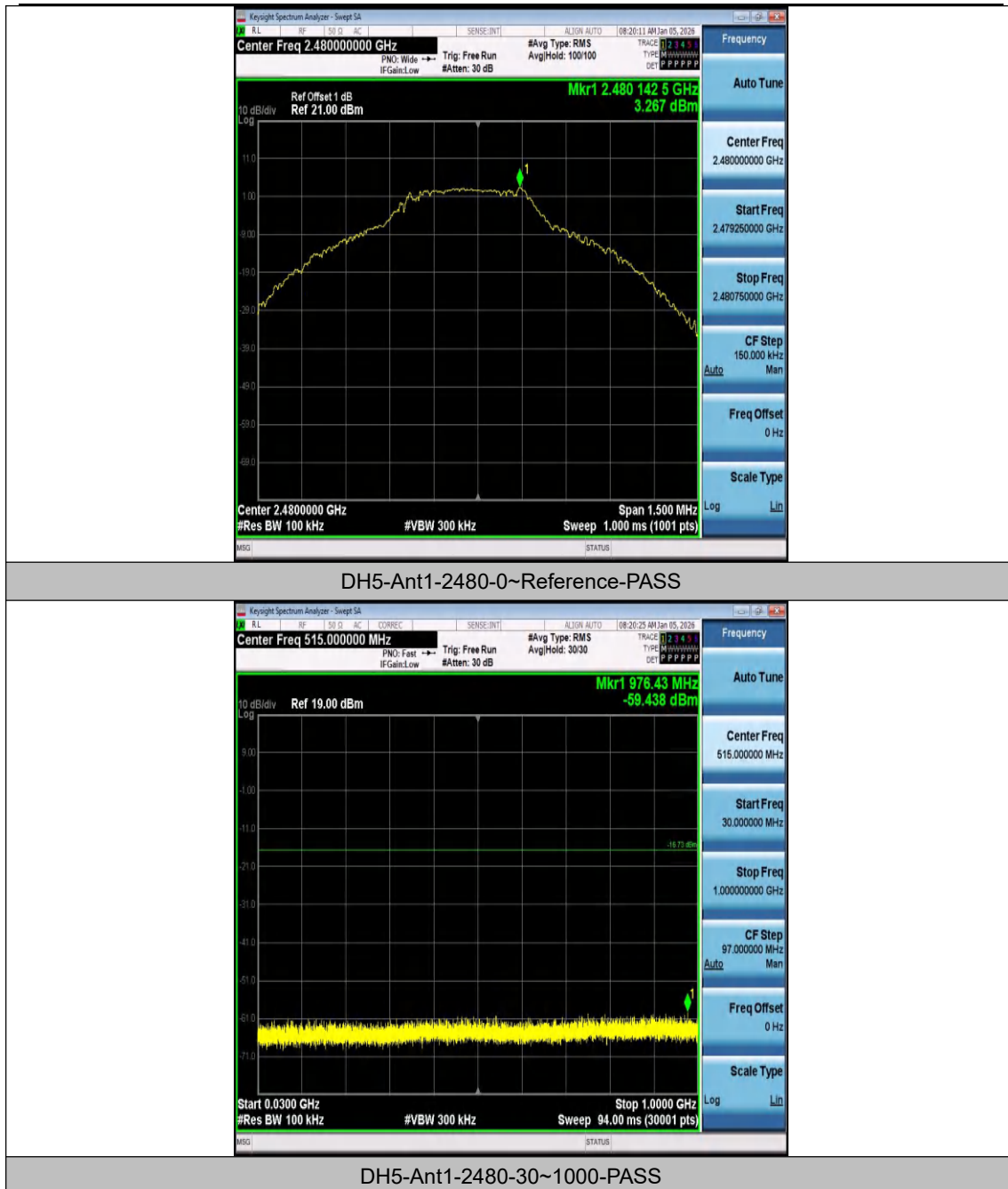
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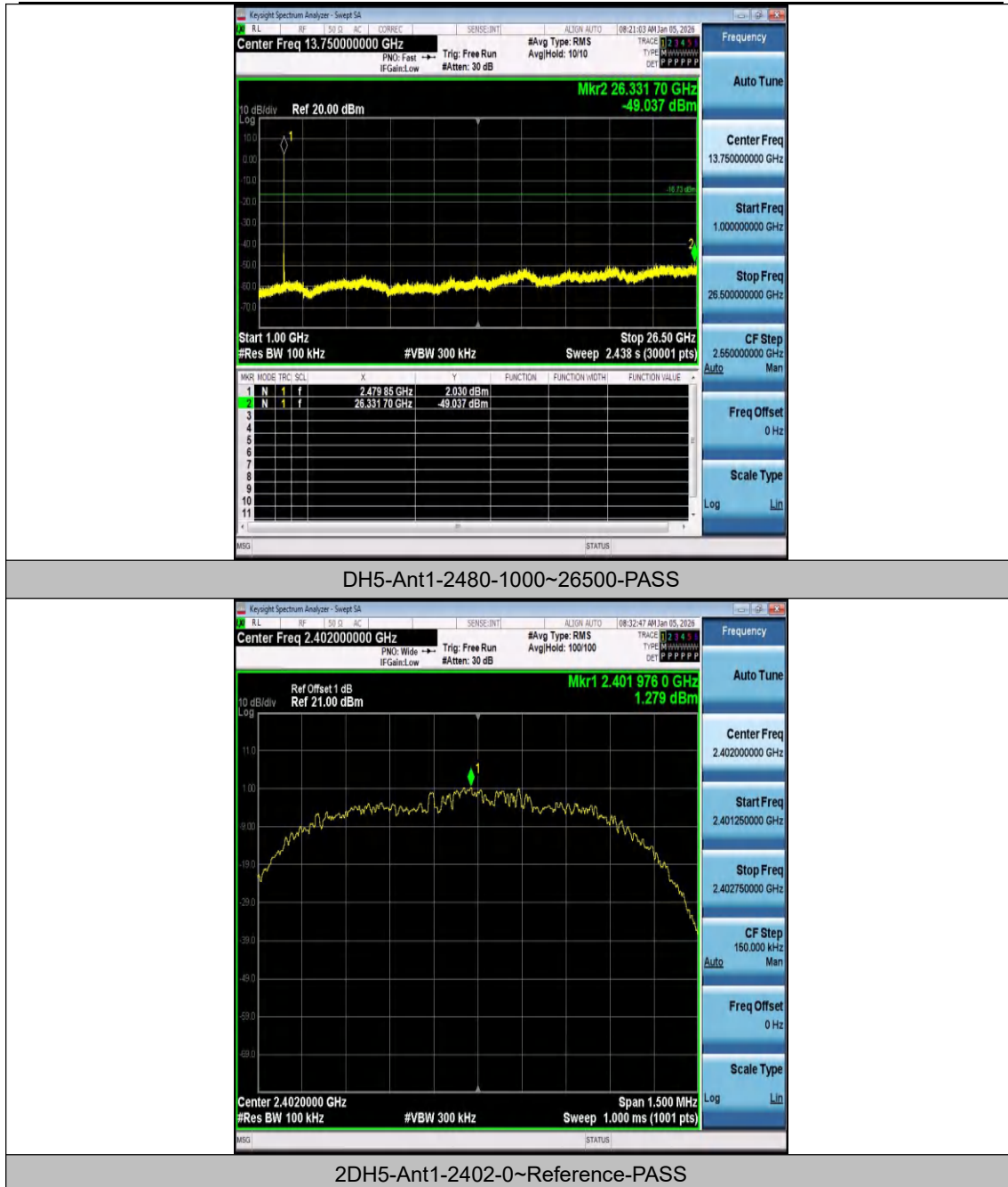
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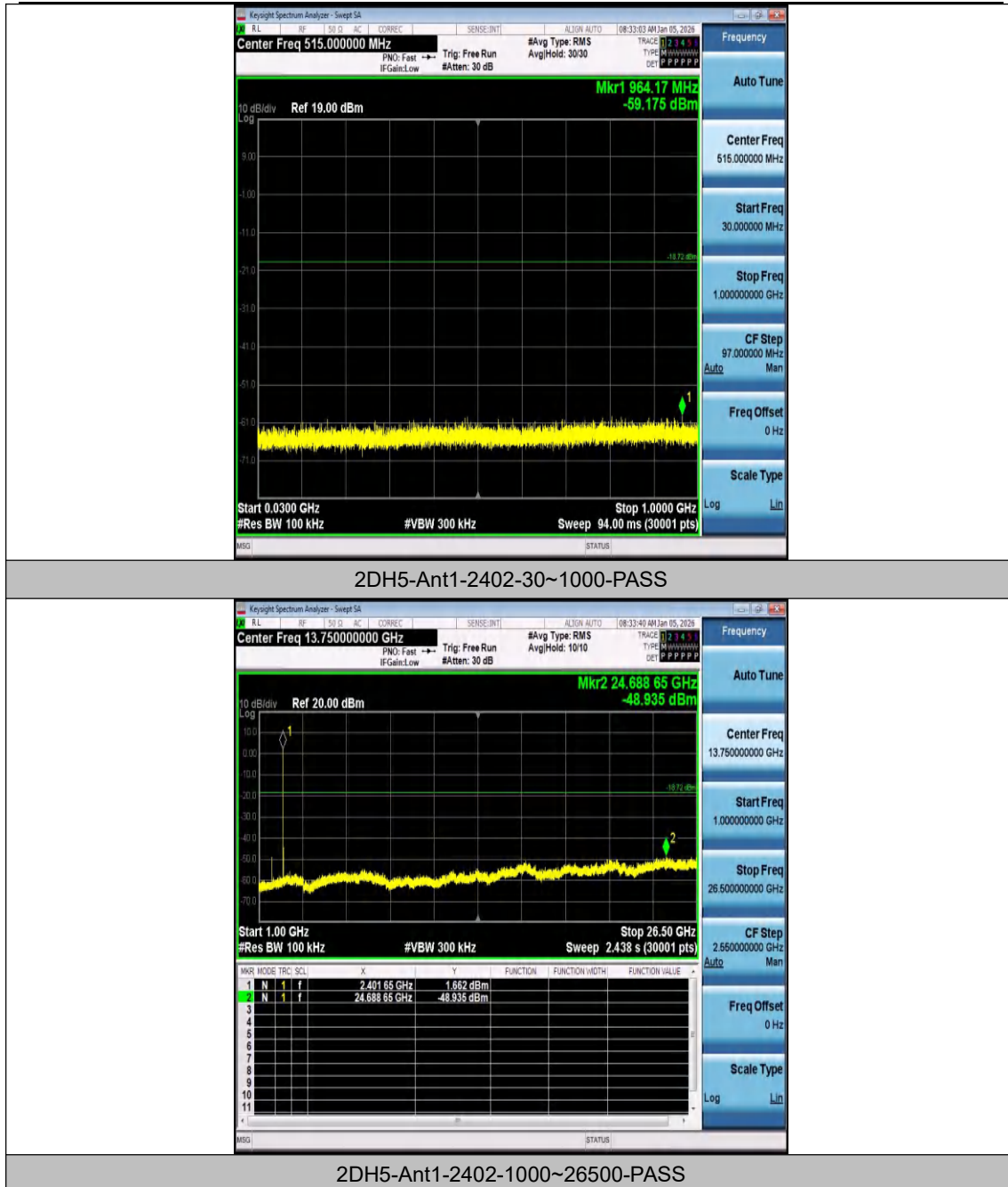


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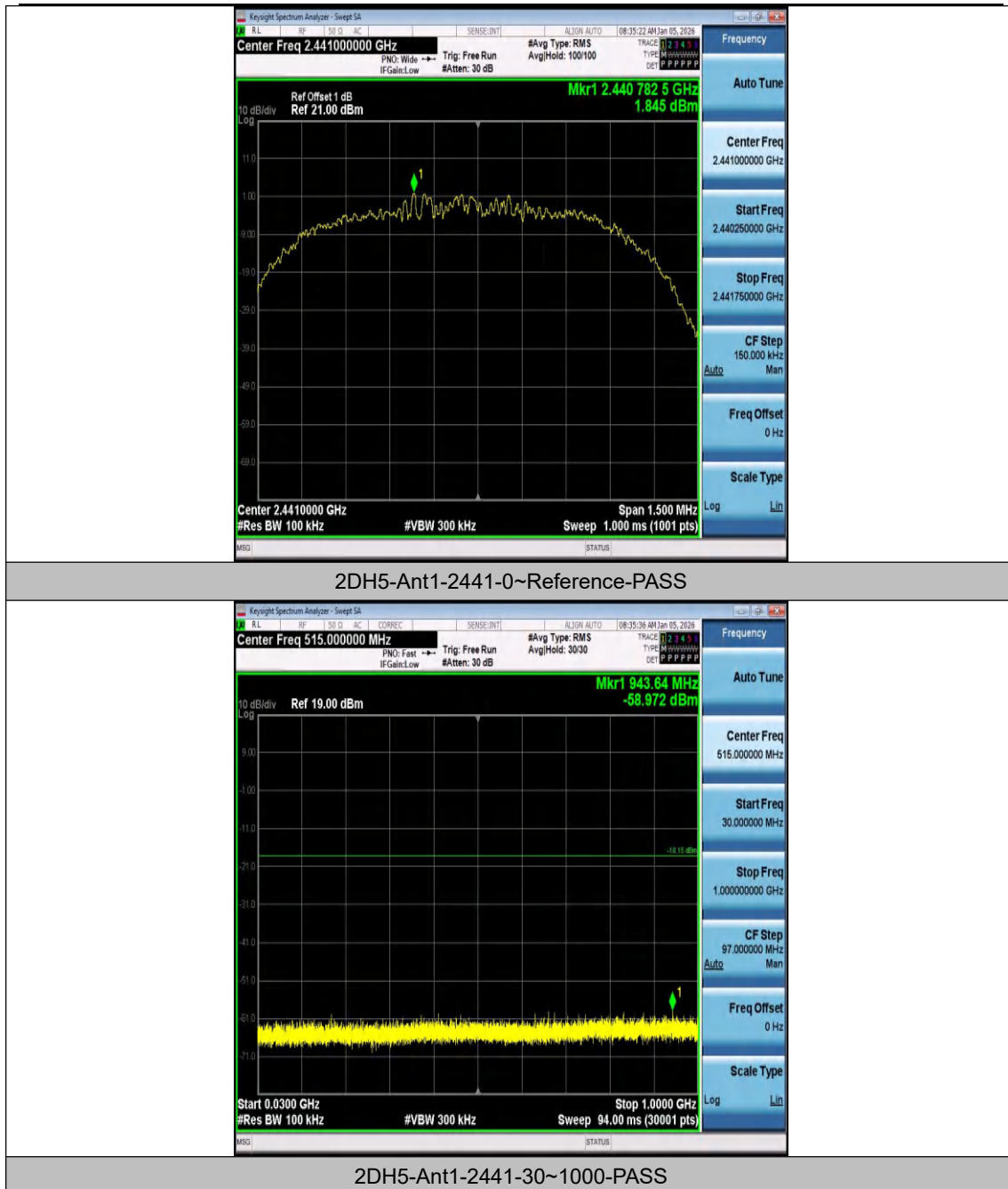




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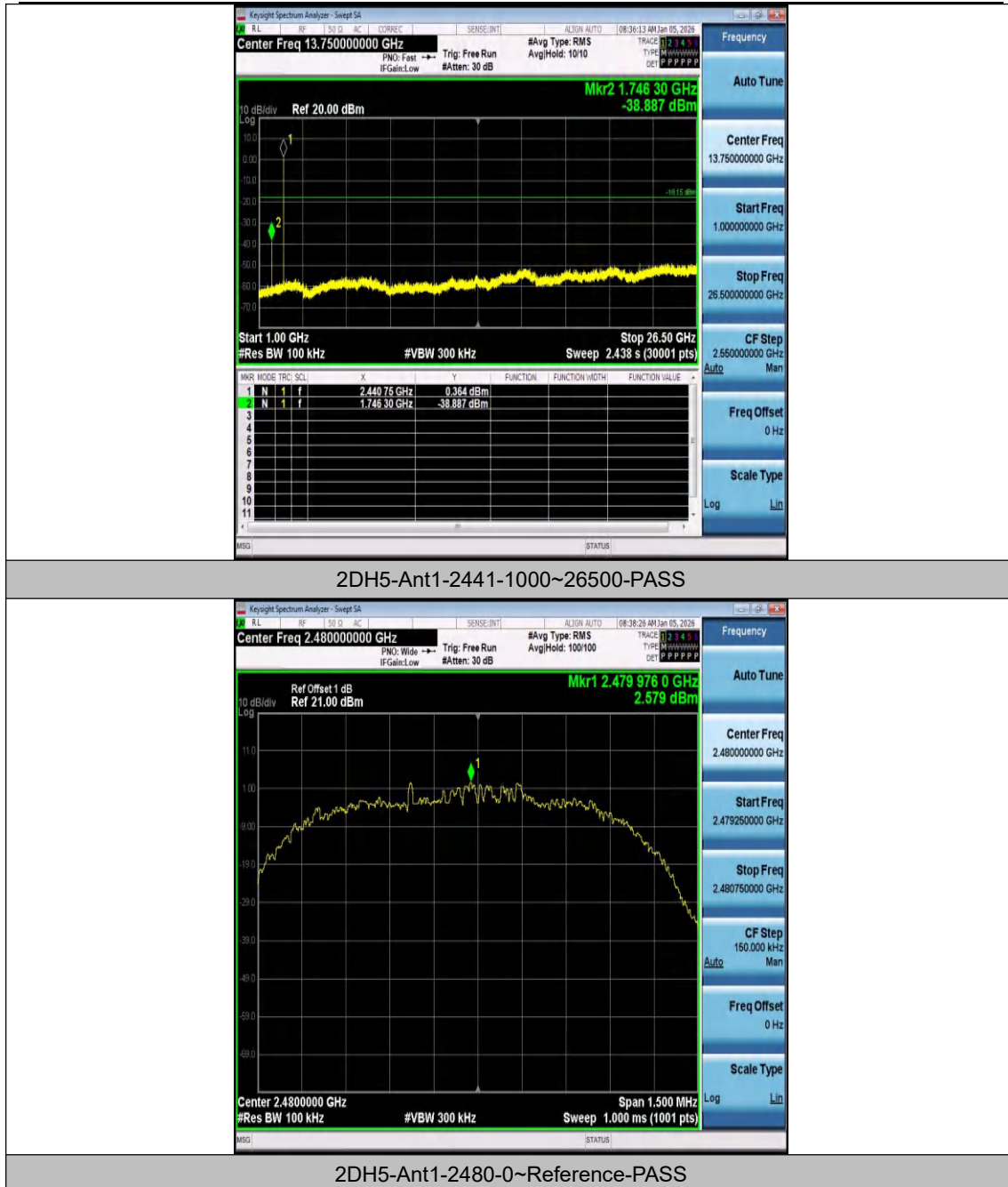
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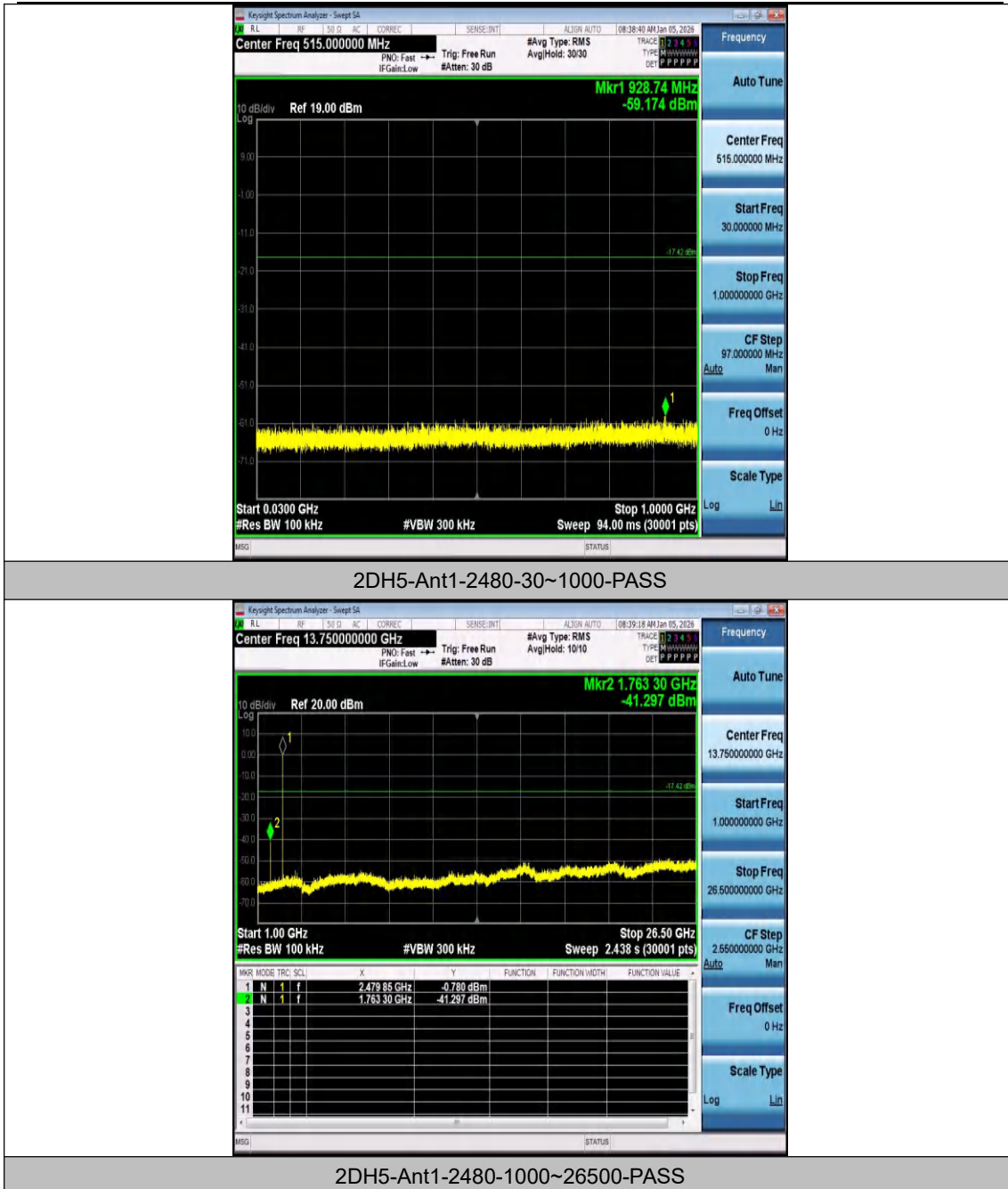


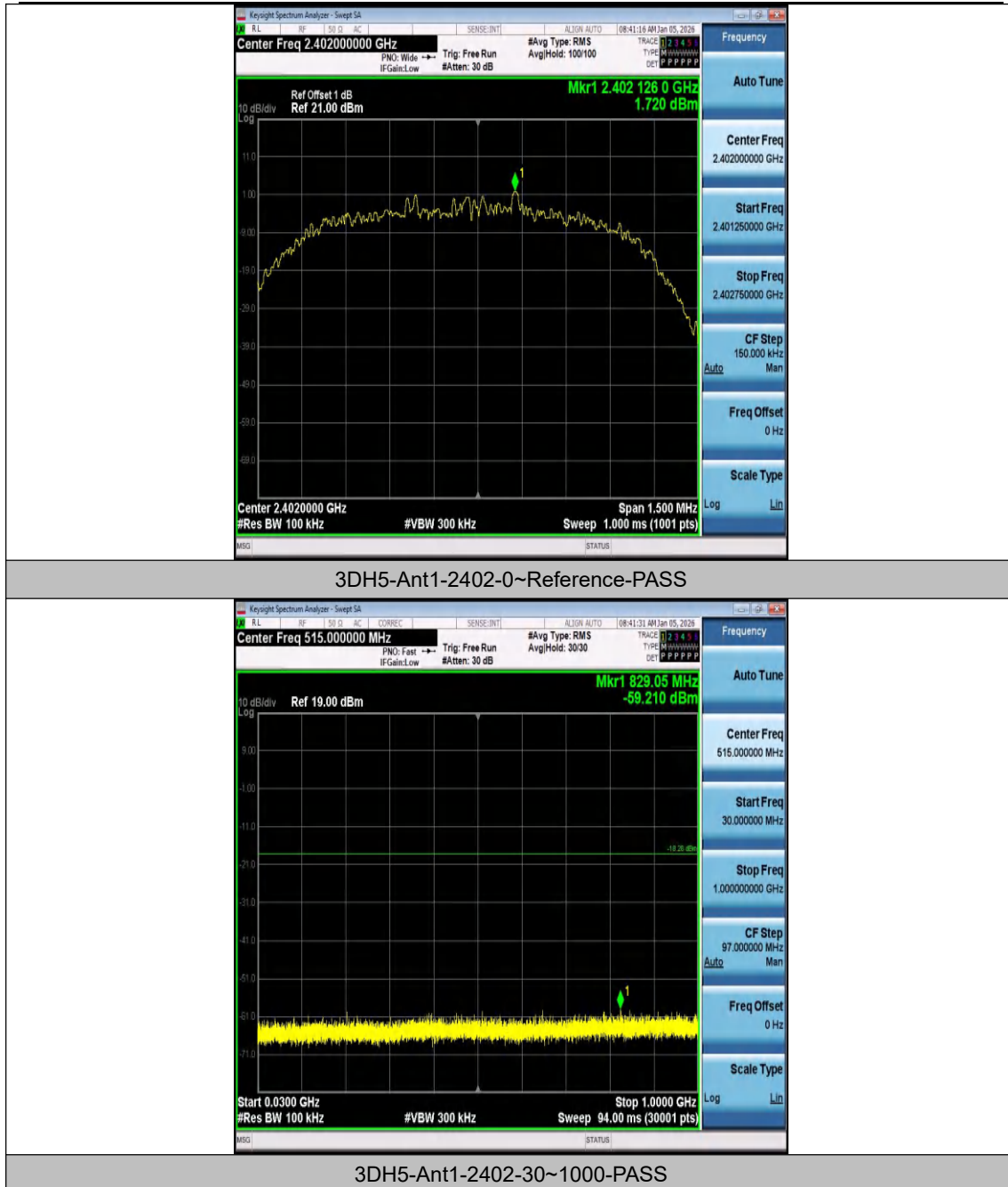
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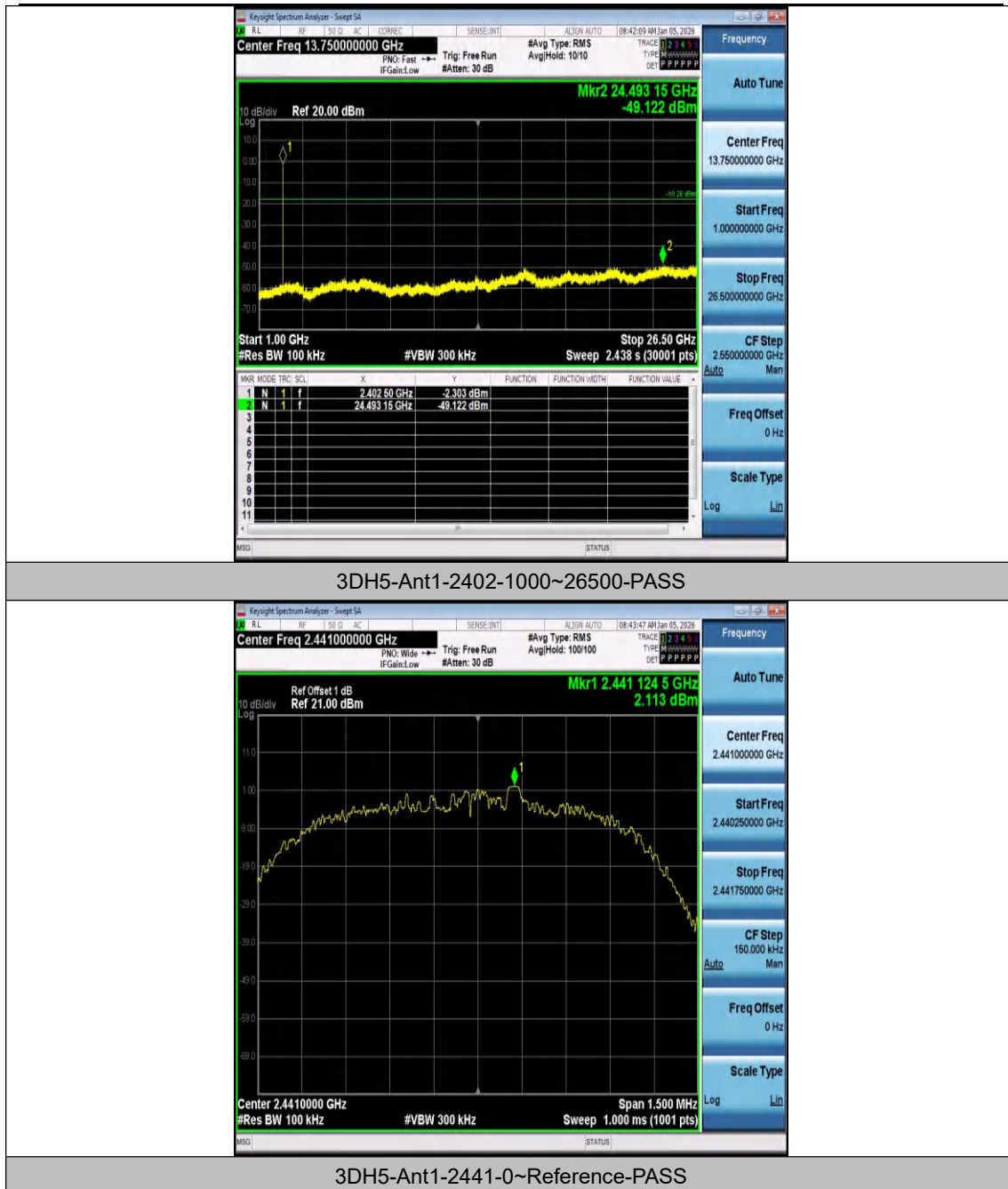




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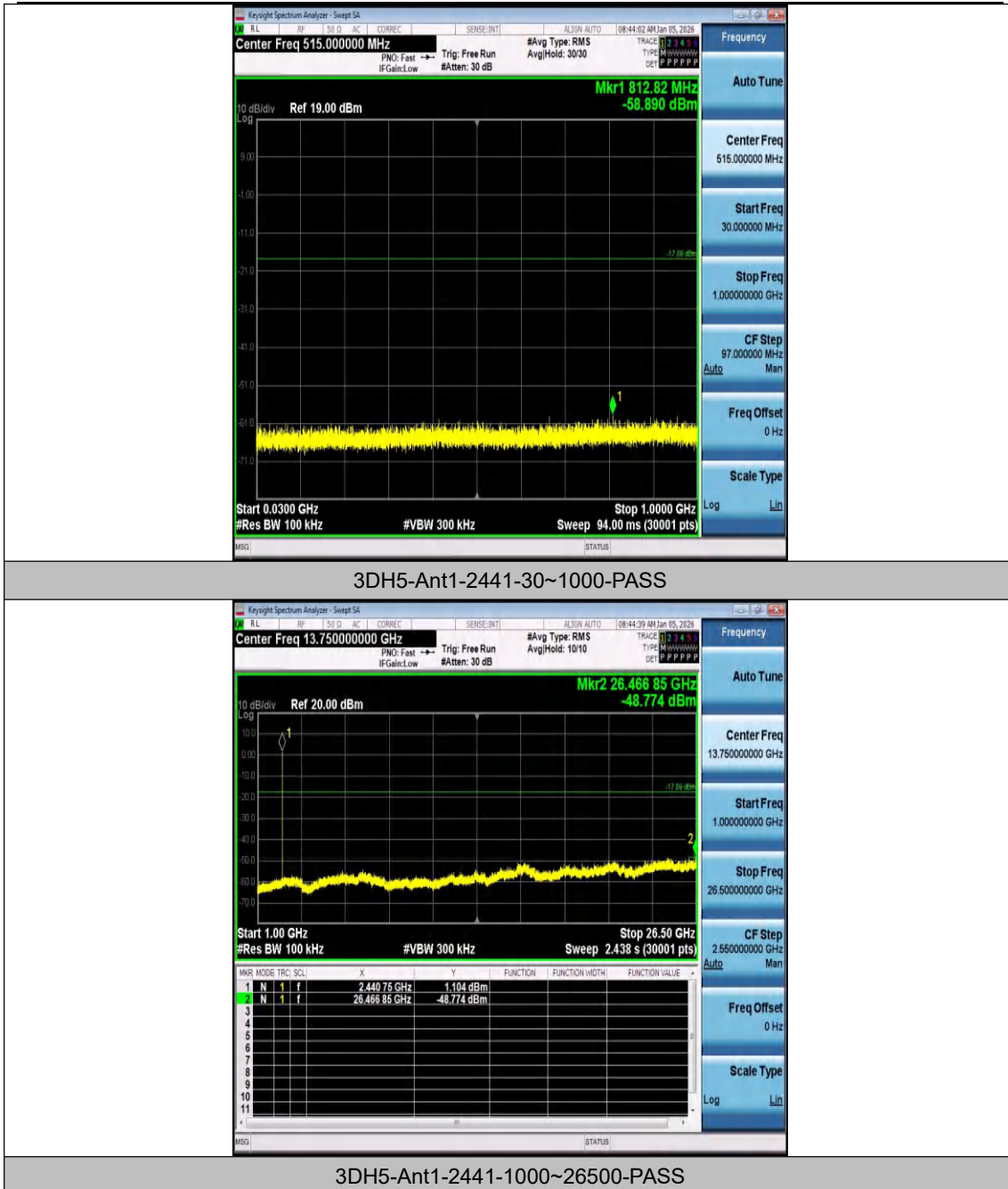
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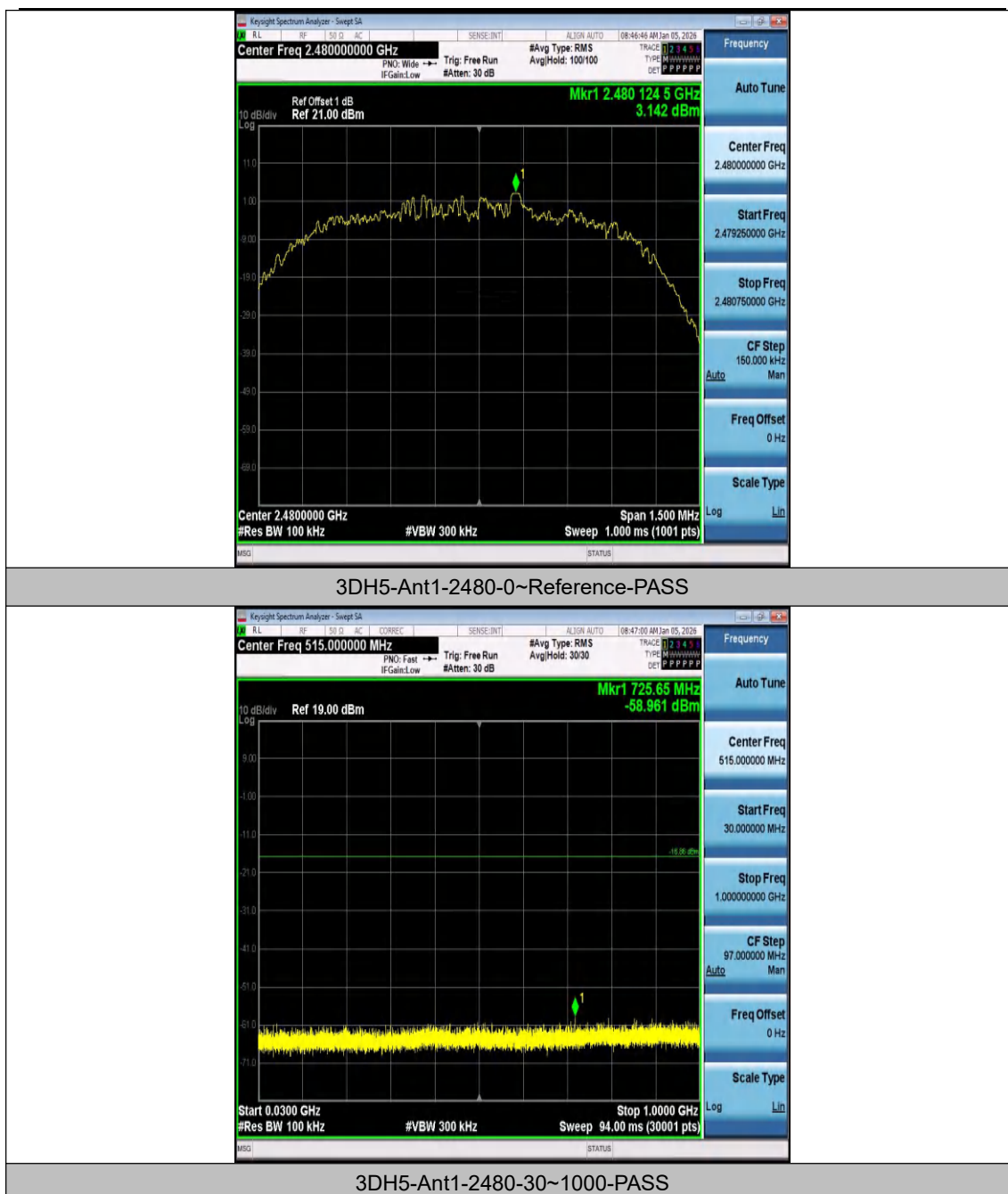
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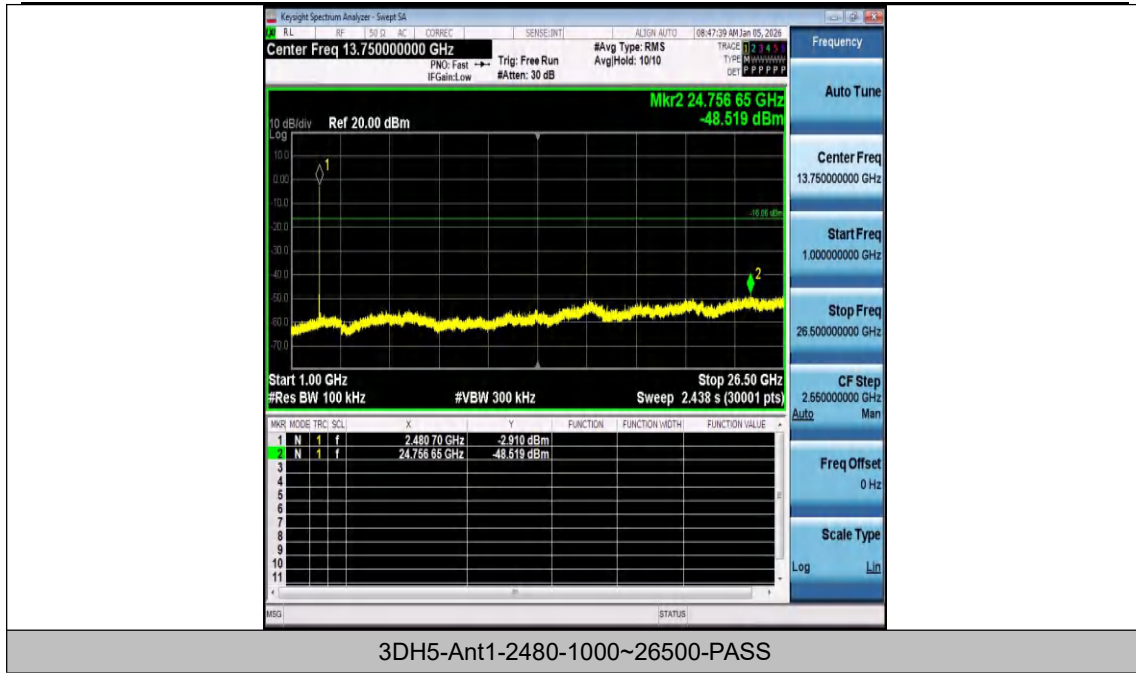
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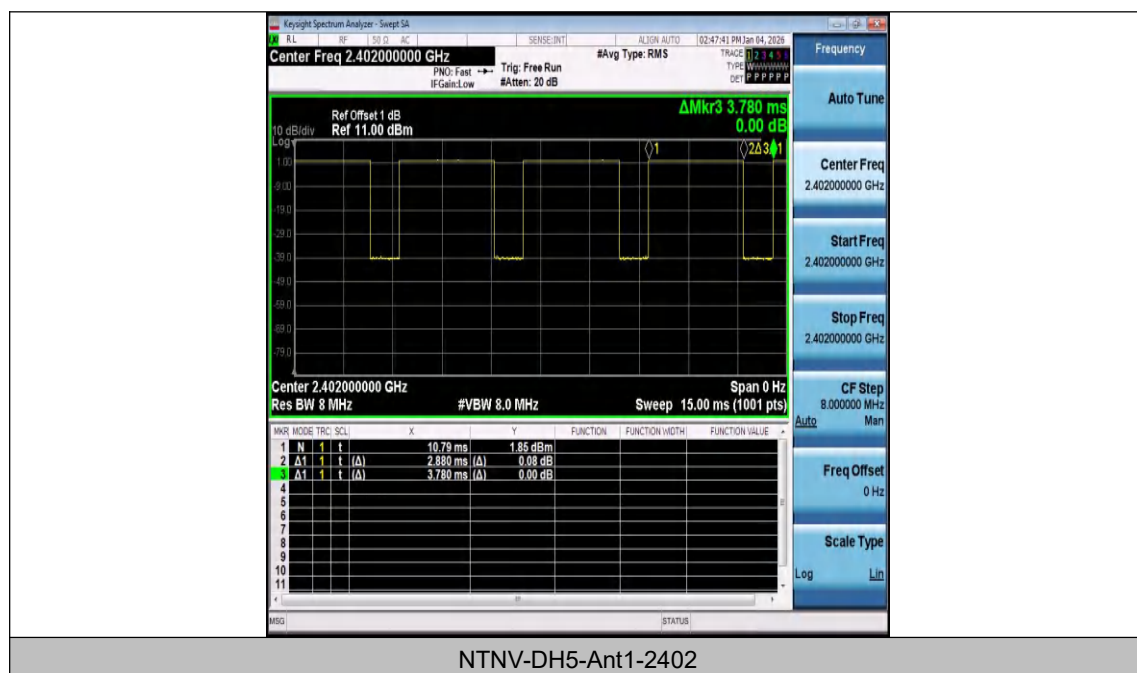
Hotline: 400-003-0500 web: www.anbotek.com E-mail: service@anbotek.com

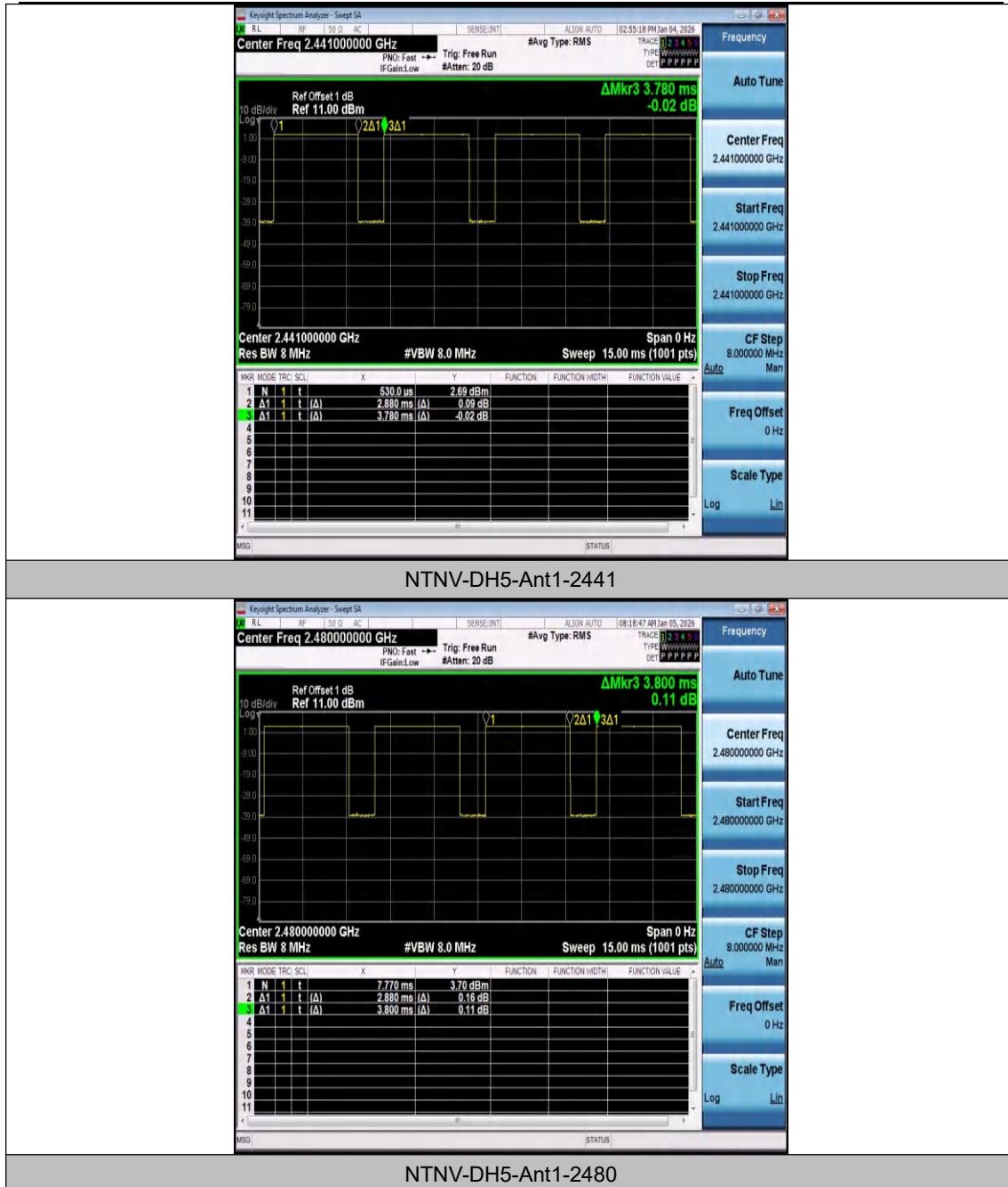
Appendix I: Duty Cycle

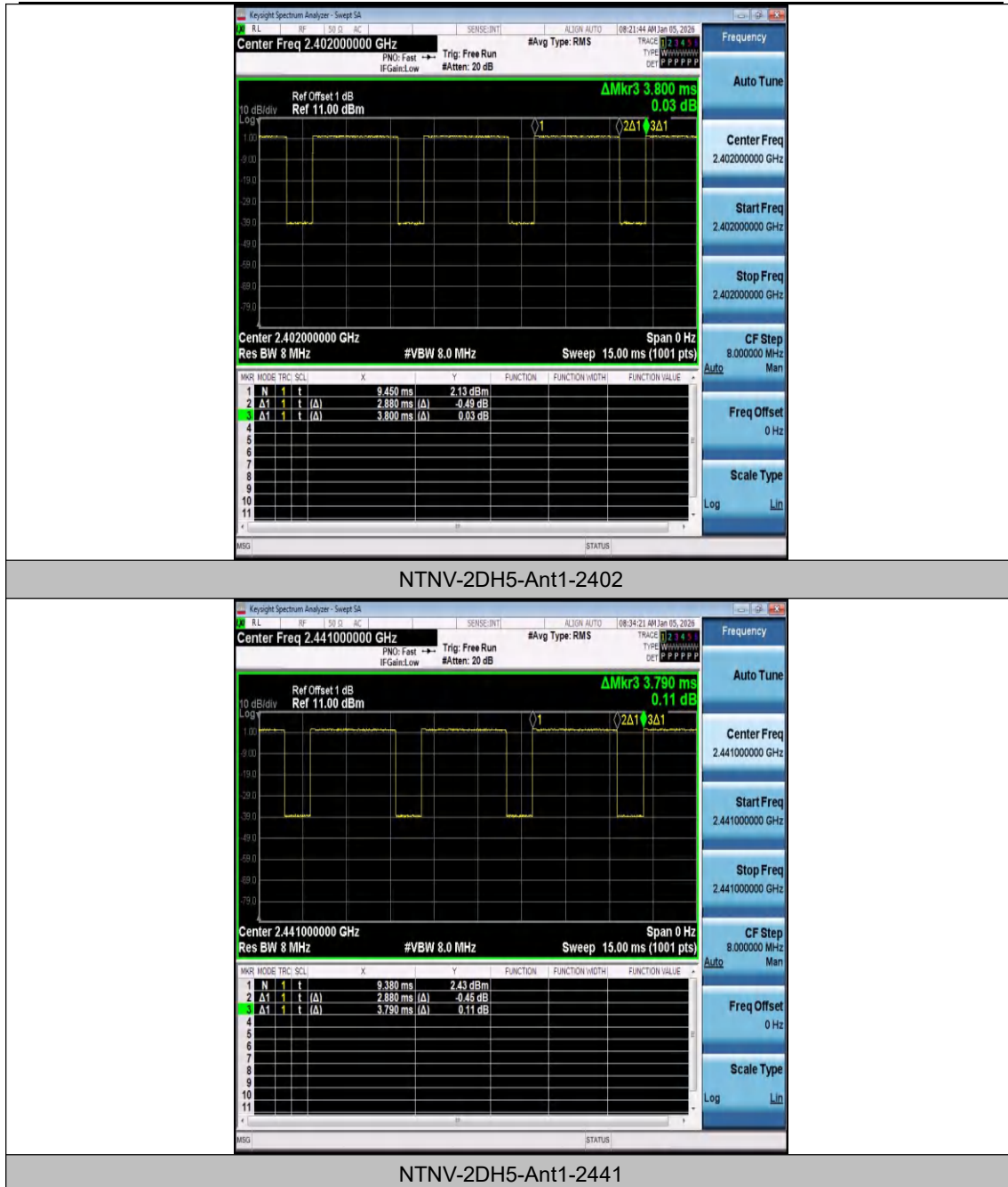
Test Result

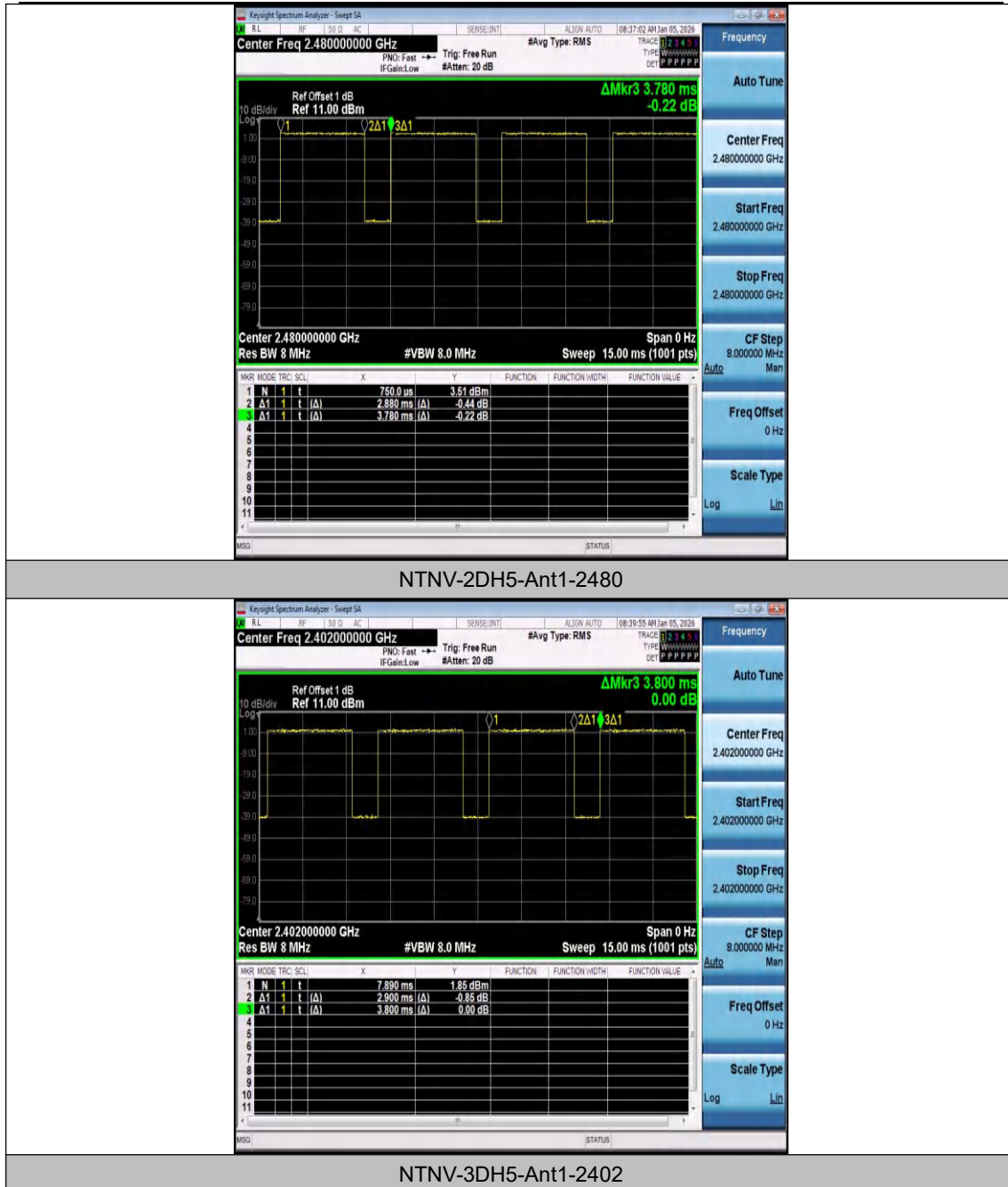
Test Mode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
DH5	Ant1	2402	2.88	3.78	76.19	1.18
DH5	Ant1	2441	2.88	3.78	76.19	1.18
DH5	Ant1	2480	2.88	3.80	75.79	1.20
2DH5	Ant1	2402	2.88	3.80	75.79	1.20
2DH5	Ant1	2441	2.88	3.79	75.99	1.19
2DH5	Ant1	2480	2.88	3.78	76.19	1.18
3DH5	Ant1	2402	2.90	3.80	76.32	1.17
3DH5	Ant1	2441	2.88	3.80	75.79	1.20
3DH5	Ant1	2480	2.88	3.79	75.99	1.19

Test Graphs





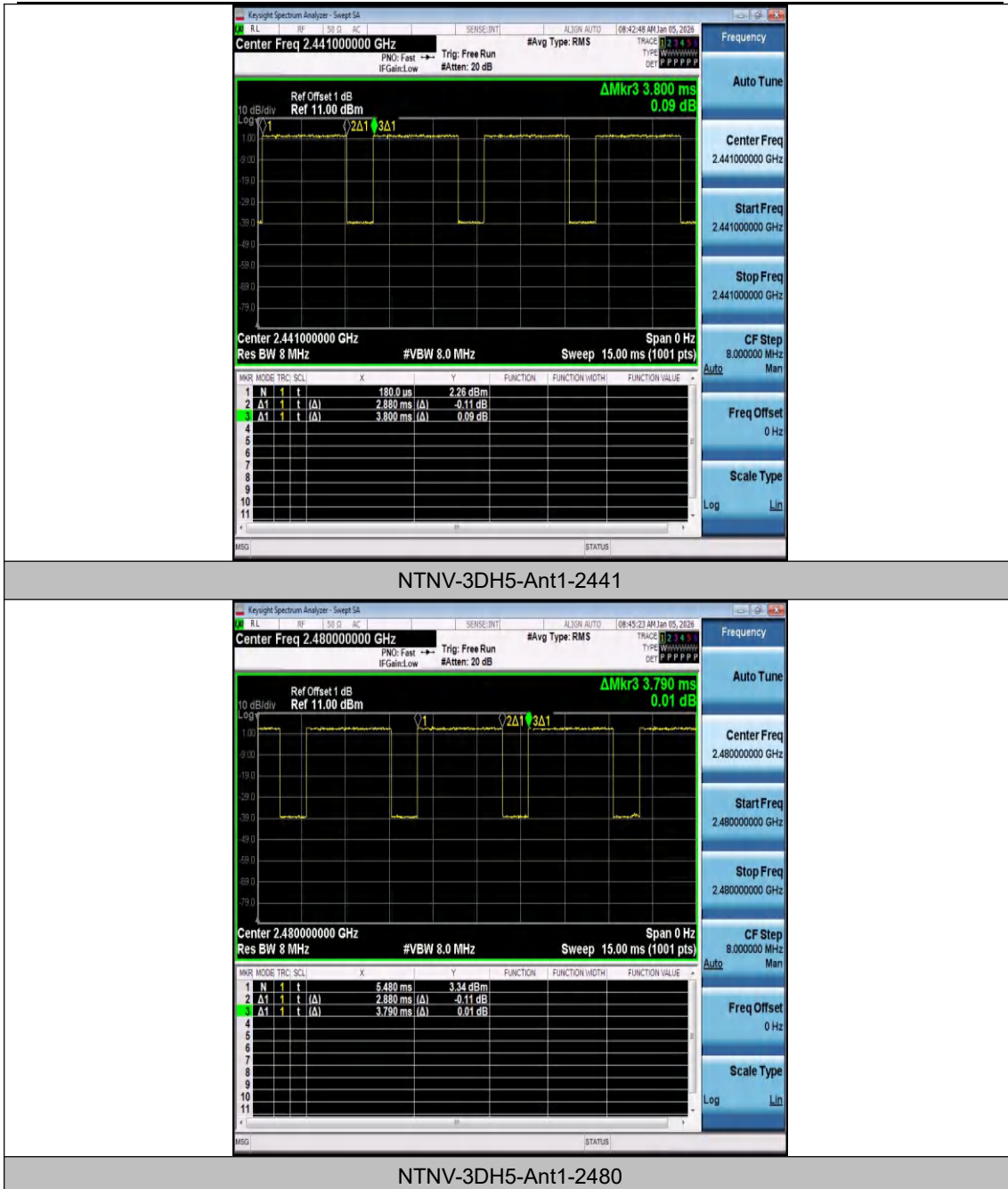




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---End---