

Appendix Test Data

Report No.:	1812C60385212501-01	Test Sample No.:	1-2-2
Start Test Date:	2026-7-8	Finish Test Date:	2026-7-14
Test Engineer:	Huisen Guan	Auditor:	Justin Feng
Temperature:	27.4℃	Relative Humidity:	46%
Pressure:	101kPa		

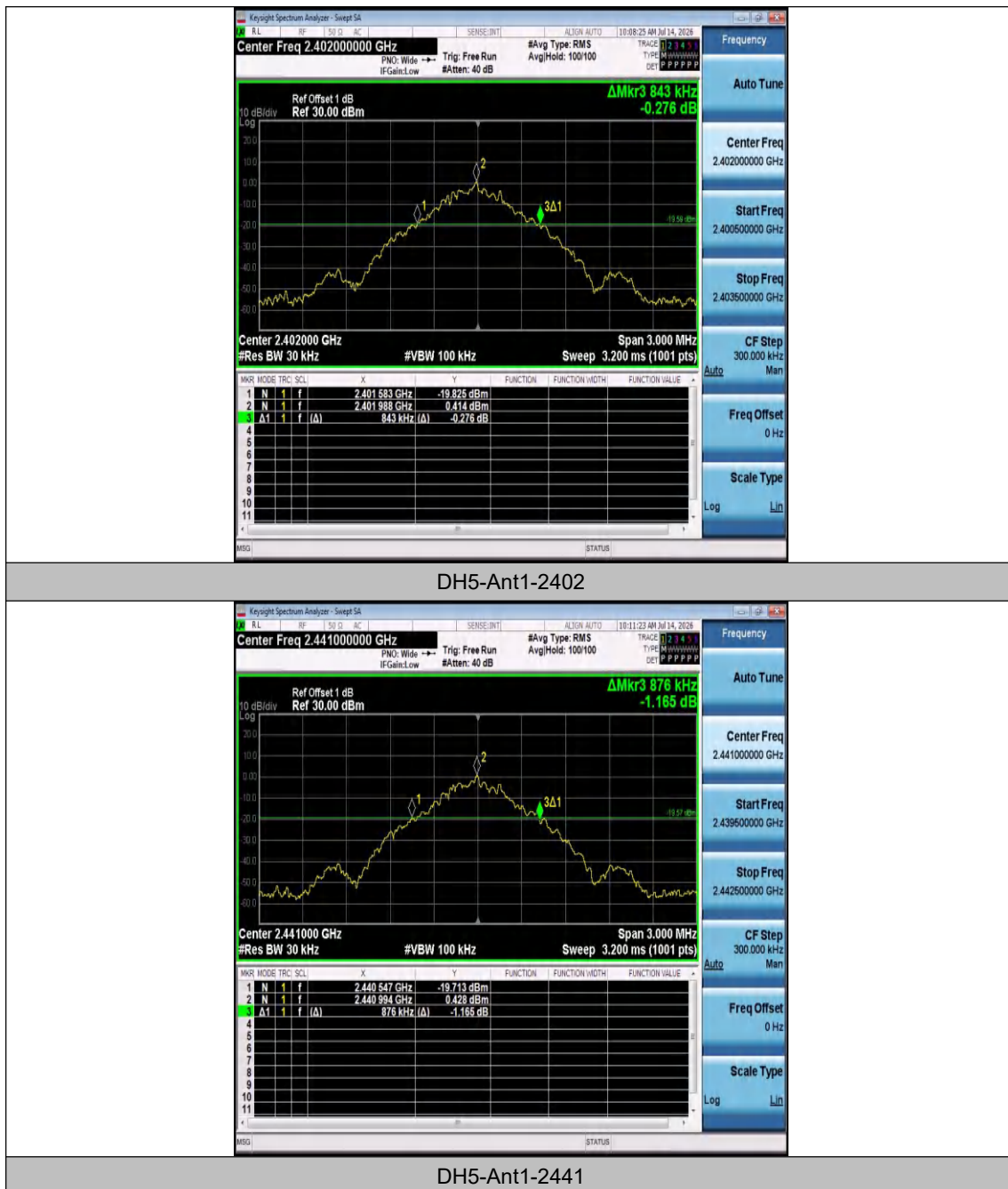


Appendix A: 20dB Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.843	2401.583	2402.426	---	---
DH5	Ant1	2441	0.876	2440.547	2441.423	---	---
DH5	Ant1	2480	0.948	2479.520	2480.468	---	---
2DH5	Ant1	2402	1.230	2401.364	2402.594	---	---
2DH5	Ant1	2441	1.209	2440.379	2441.588	---	---
2DH5	Ant1	2480	1.188	2479.388	2480.576	---	---
3DH5	Ant1	2402	1.164	2401.406	2402.570	---	---
3DH5	Ant1	2441	1.296	2440.337	2441.633	---	---
3DH5	Ant1	2480	1.239	2479.361	2480.600	---	---

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	0.85750	2401.5542	2402.4117	---	---
DH5	Ant1	2441	0.86961	2440.5513	2441.4209	---	---
DH5	Ant1	2480	0.85301	2479.5568	2480.4098	---	---
2DH5	Ant1	2402	1.1813	2401.3945	2402.5758	---	---
2DH5	Ant1	2441	1.1455	2440.4112	2441.5567	---	---
2DH5	Ant1	2480	1.1577	2479.4050	2480.5627	---	---
3DH5	Ant1	2402	1.1482	2401.4193	2402.5675	---	---
3DH5	Ant1	2441	1.1558	2440.4084	2441.5642	---	---
3DH5	Ant1	2480	1.1542	2479.4098	2480.5640	---	---

Test Graphs





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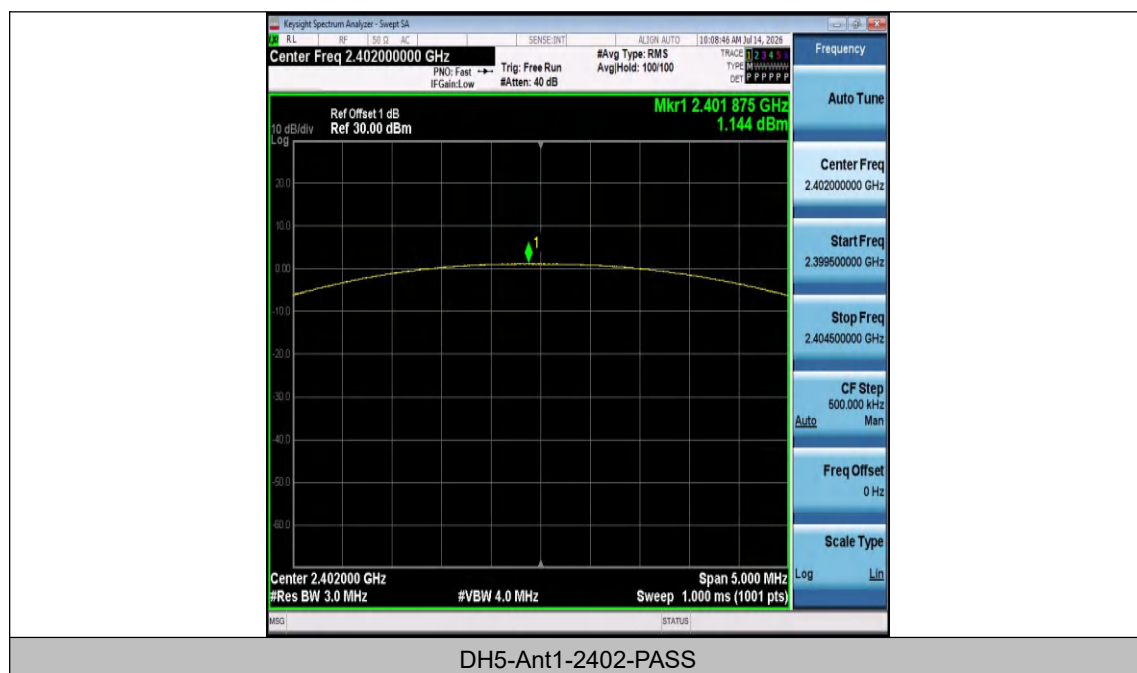
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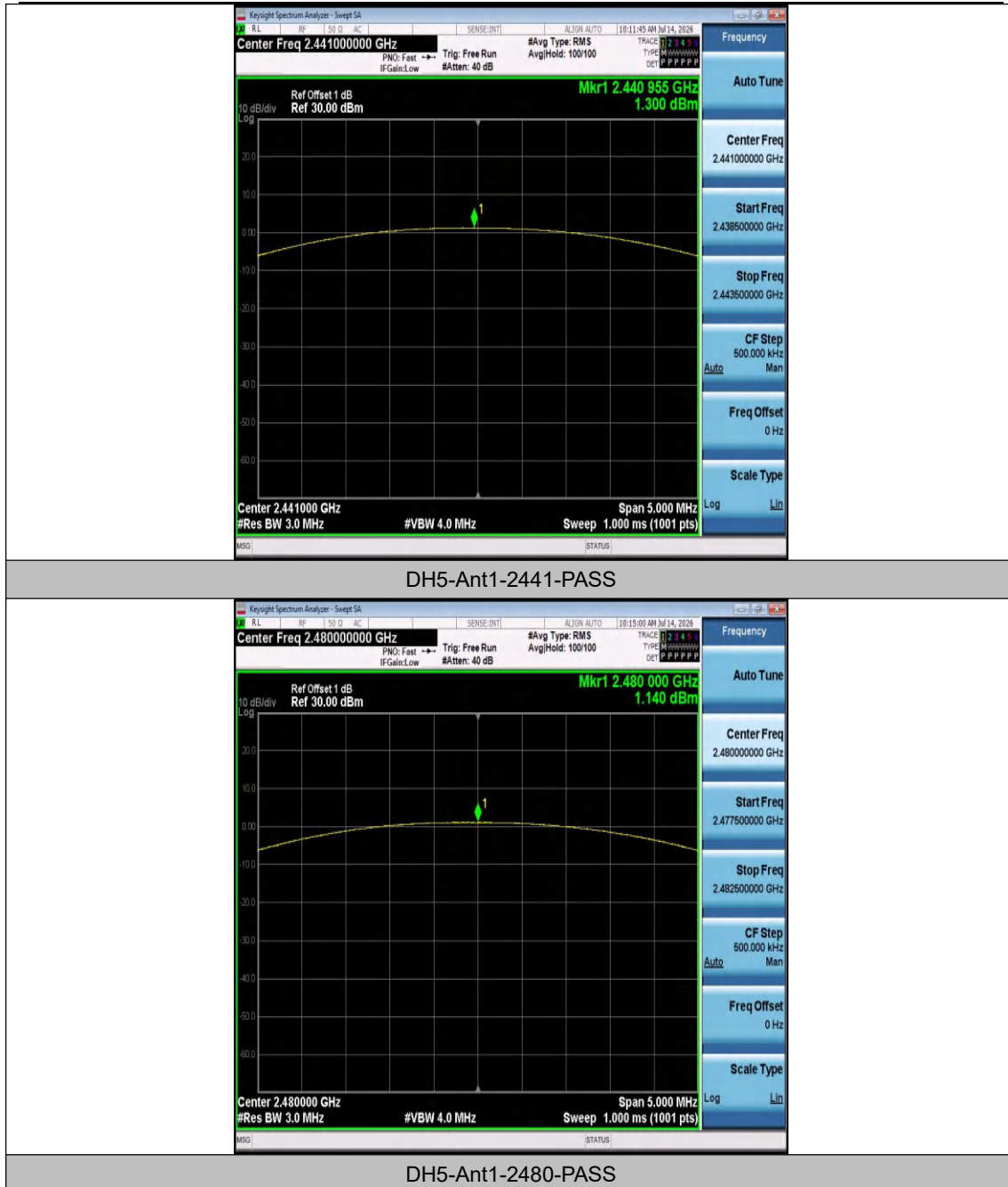
Appendix C: Maximum Conducted Output Power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	1.14	≤20.97	PASS
DH5	Ant1	2441	1.30	≤20.97	PASS
DH5	Ant1	2480	1.14	≤20.97	PASS
2DH5	Ant1	2402	1.07	≤20.97	PASS
2DH5	Ant1	2441	1.23	≤20.97	PASS
2DH5	Ant1	2480	1.12	≤20.97	PASS
3DH5	Ant1	2402	1.10	≤20.97	PASS
3DH5	Ant1	2441	1.28	≤20.97	PASS
3DH5	Ant1	2480	1.15	≤20.97	PASS

Test Graphs

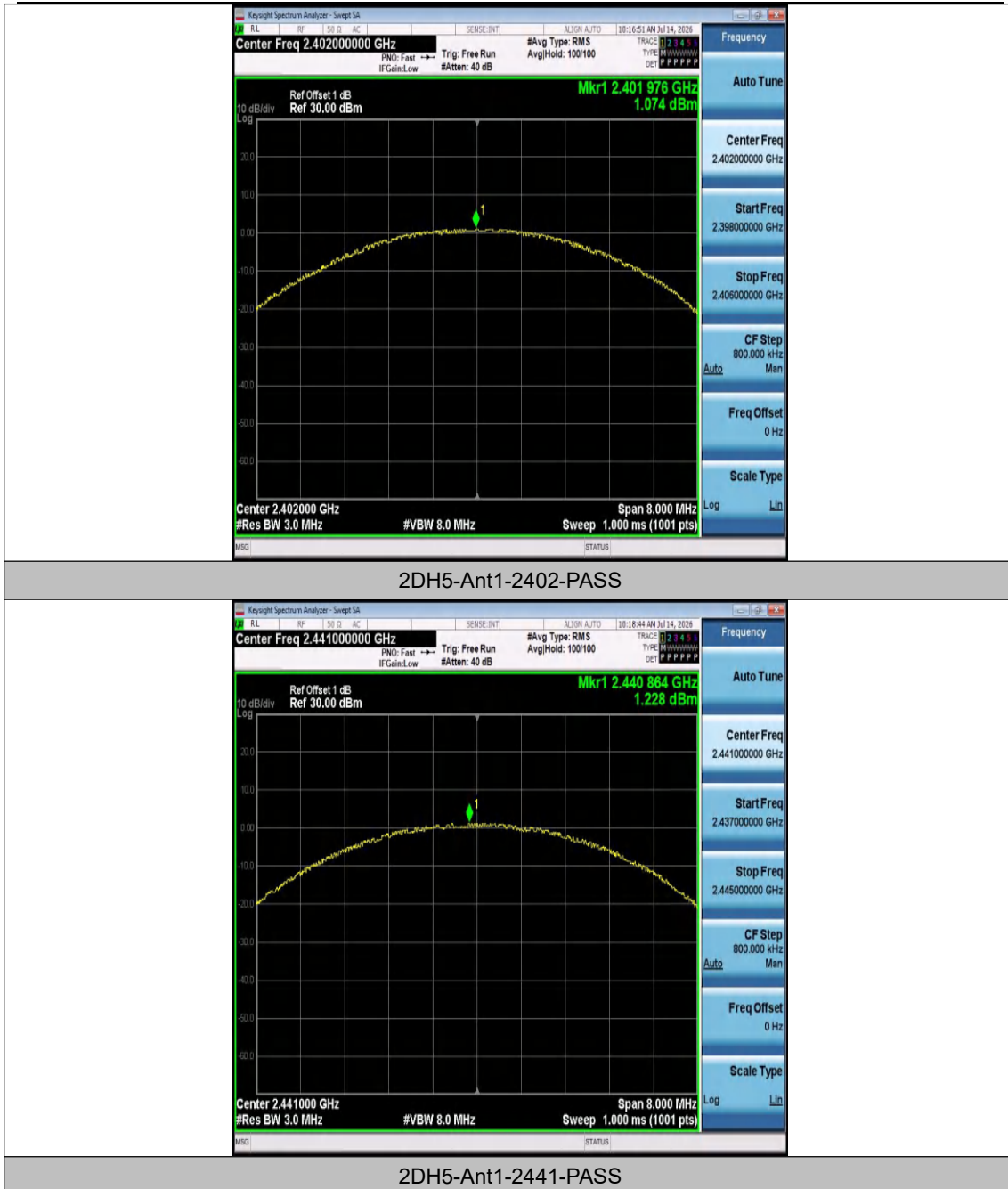




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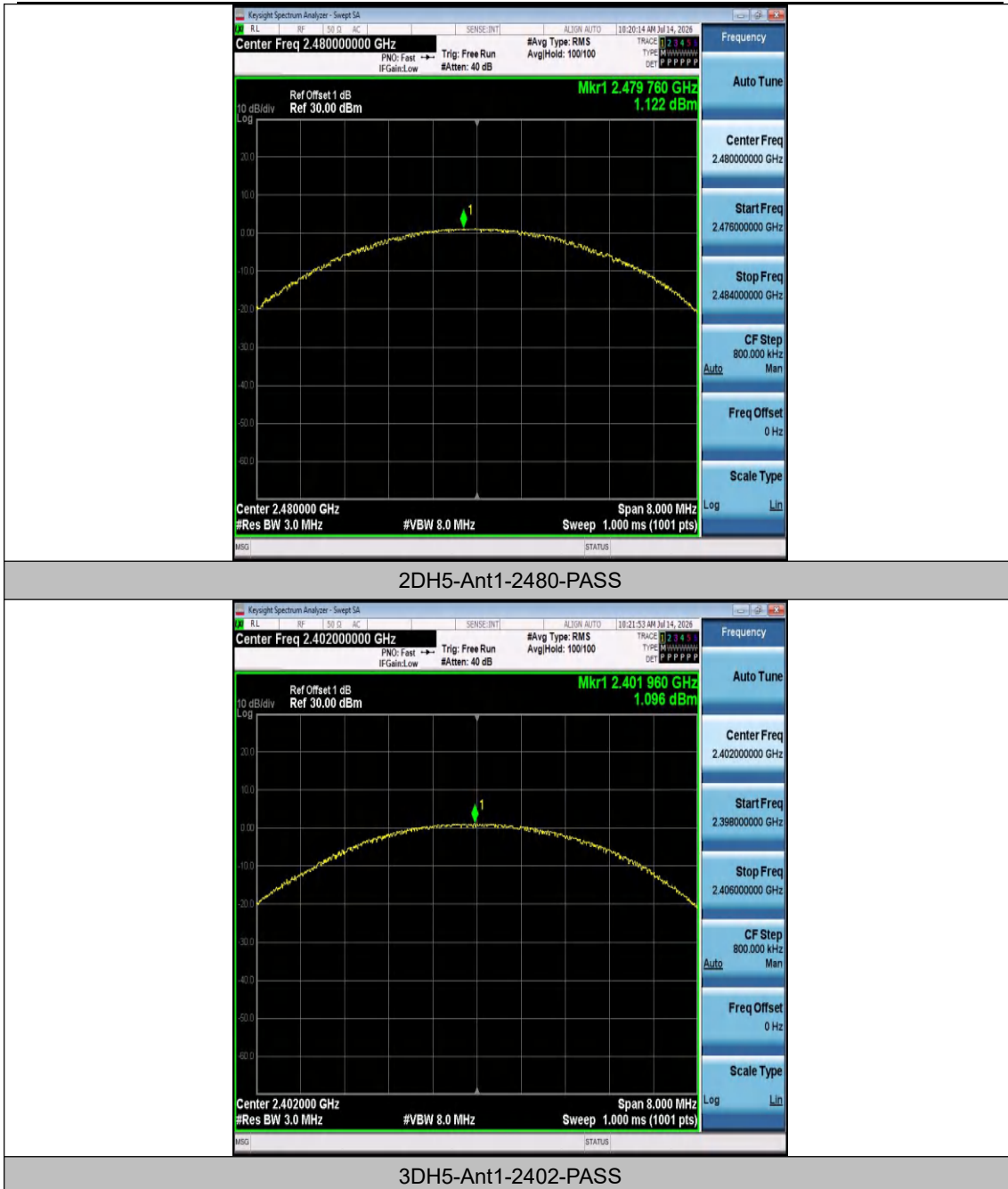
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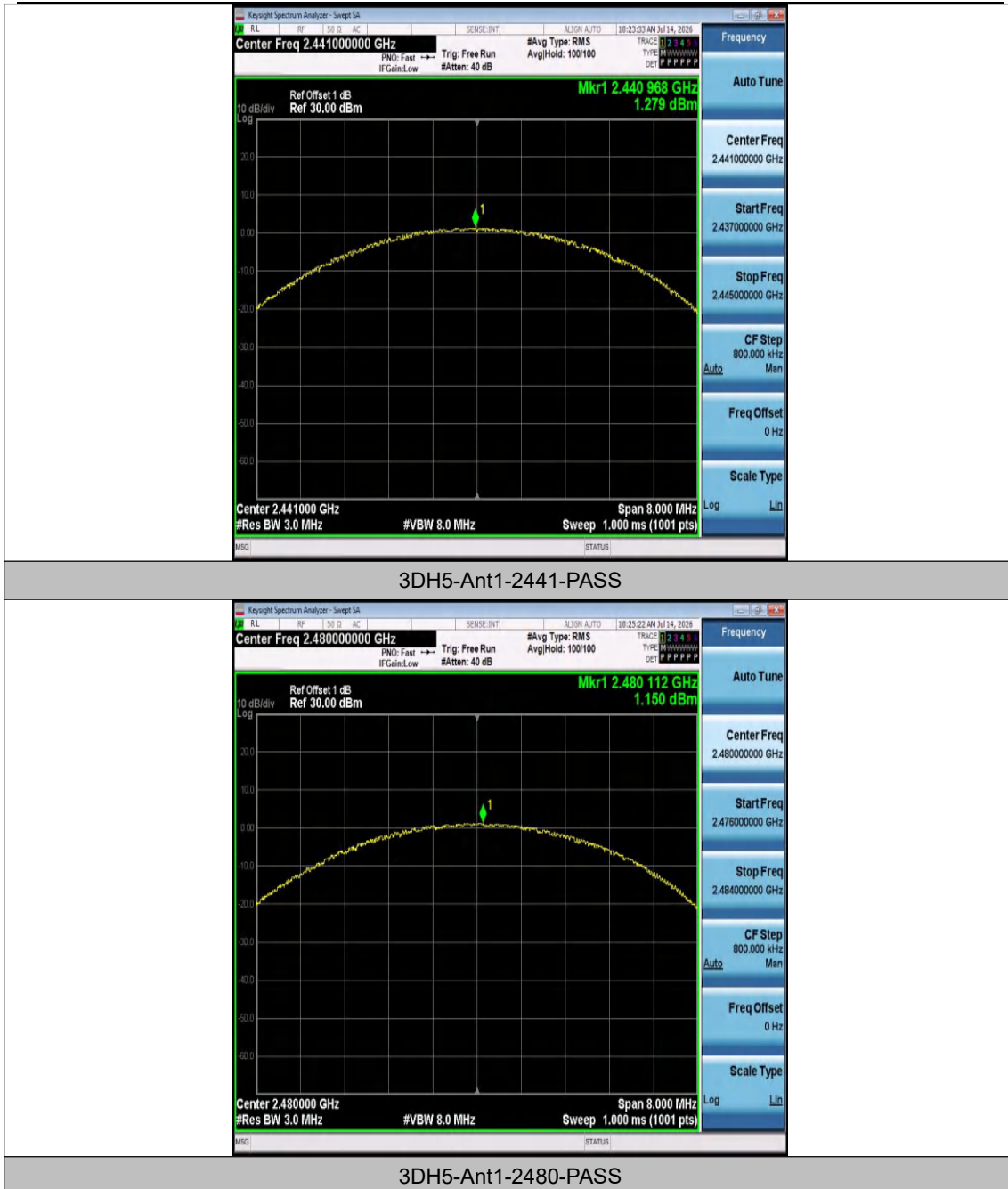
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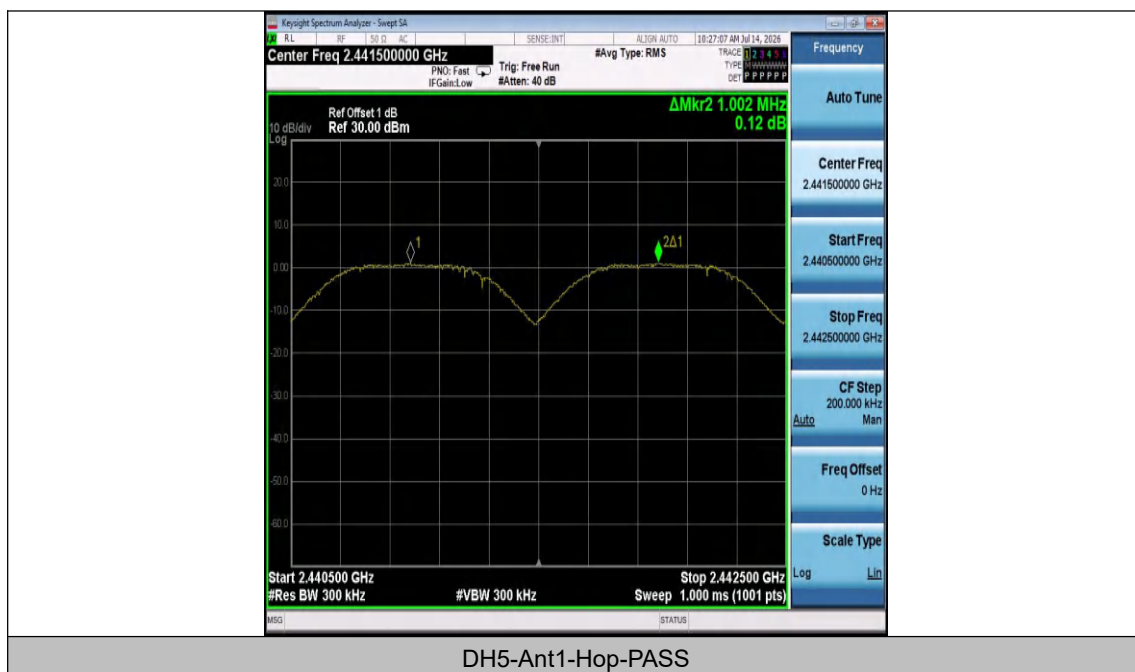
Appendix D: Carrier frequency separation

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.002	≥ 0.632	PASS
2DH5	Ant1	Hop	1.02	≥ 0.820	PASS
3DH5	Ant1	Hop	1.012	≥ 0.864	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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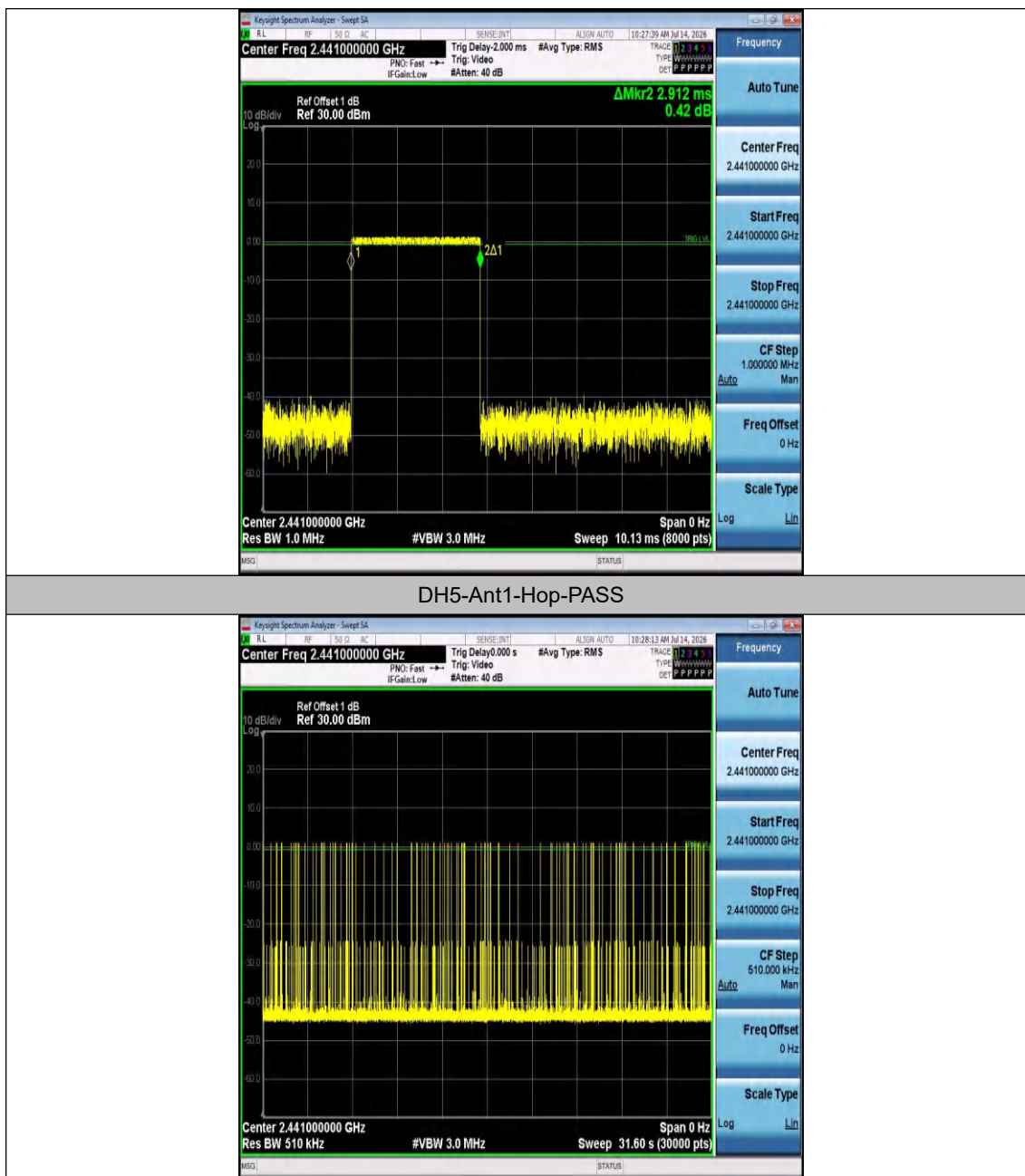
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Appendix E: Dwell Time

Test Result

Test Mode	Antenna	Frequency [MHz]	Burst Width [ms]	Total Hops [Num]	Result [s]	Limit [s]	Verdict
DH5	Ant1	Hop	2.912	107	0.312	≤0.4	PASS
2DH5	Ant1	Hop	2.920	101	0.295	≤0.4	PASS
3DH5	Ant1	Hop	2.920	112	0.327	≤0.4	PASS

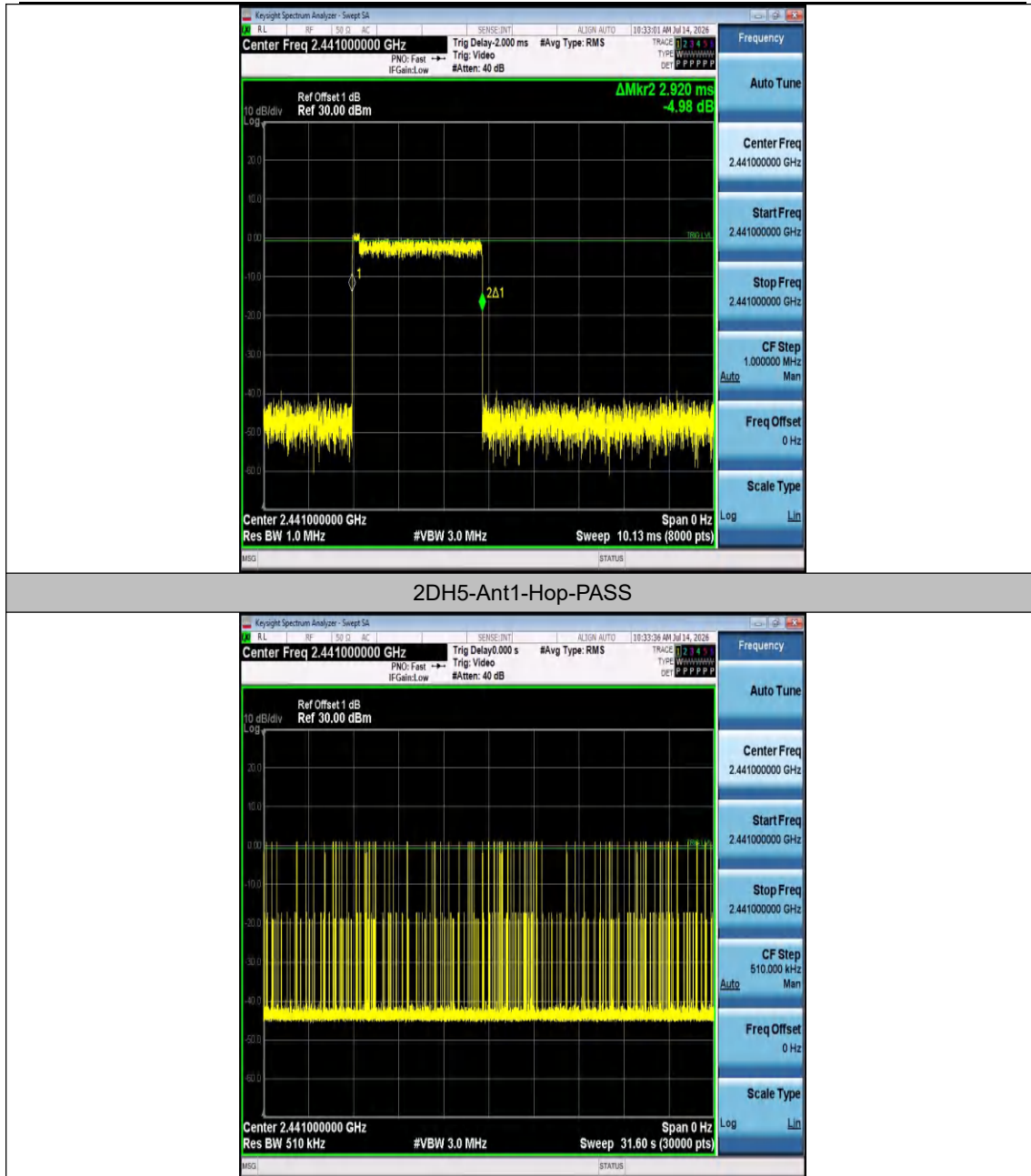
Test Graphs



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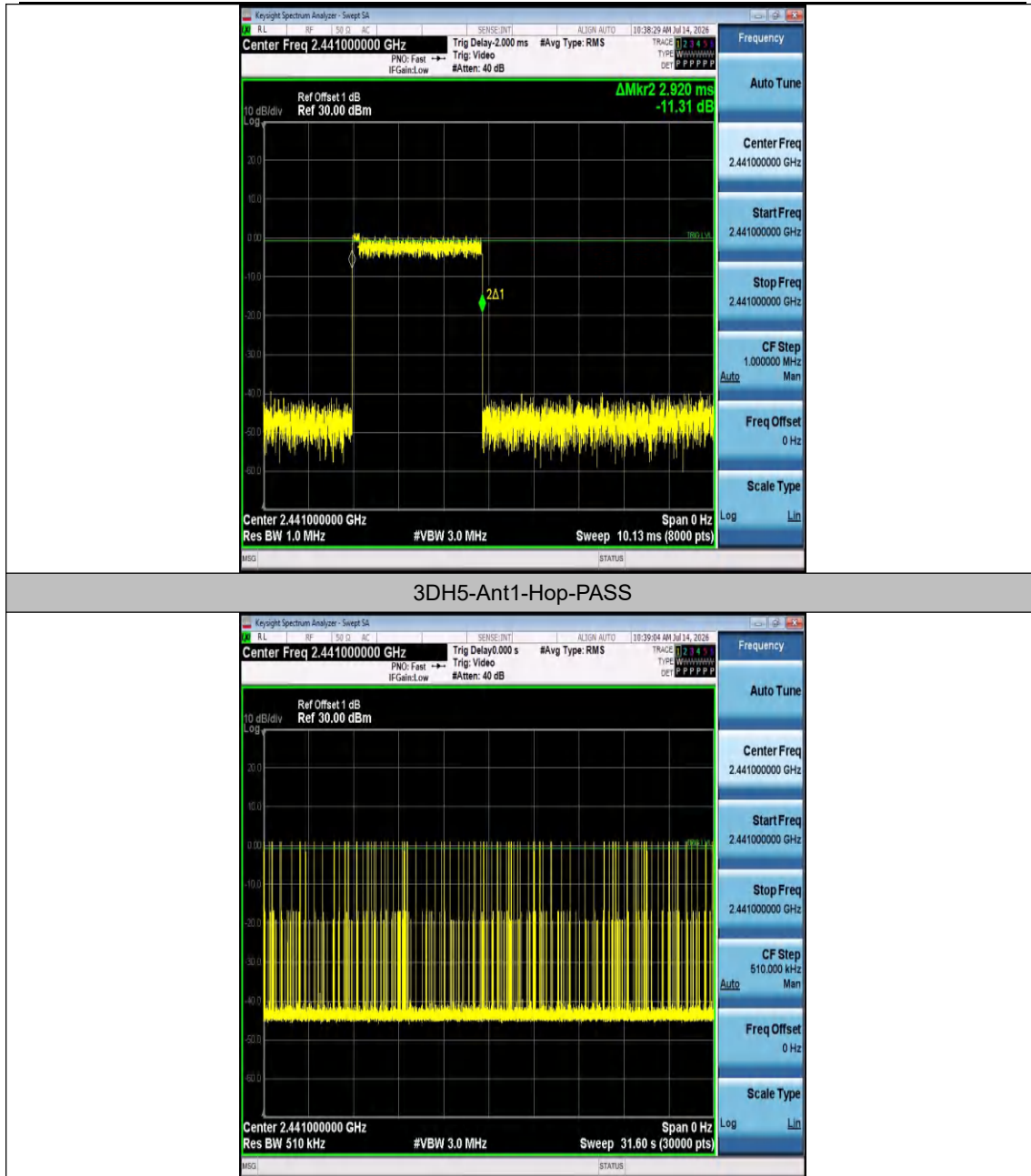
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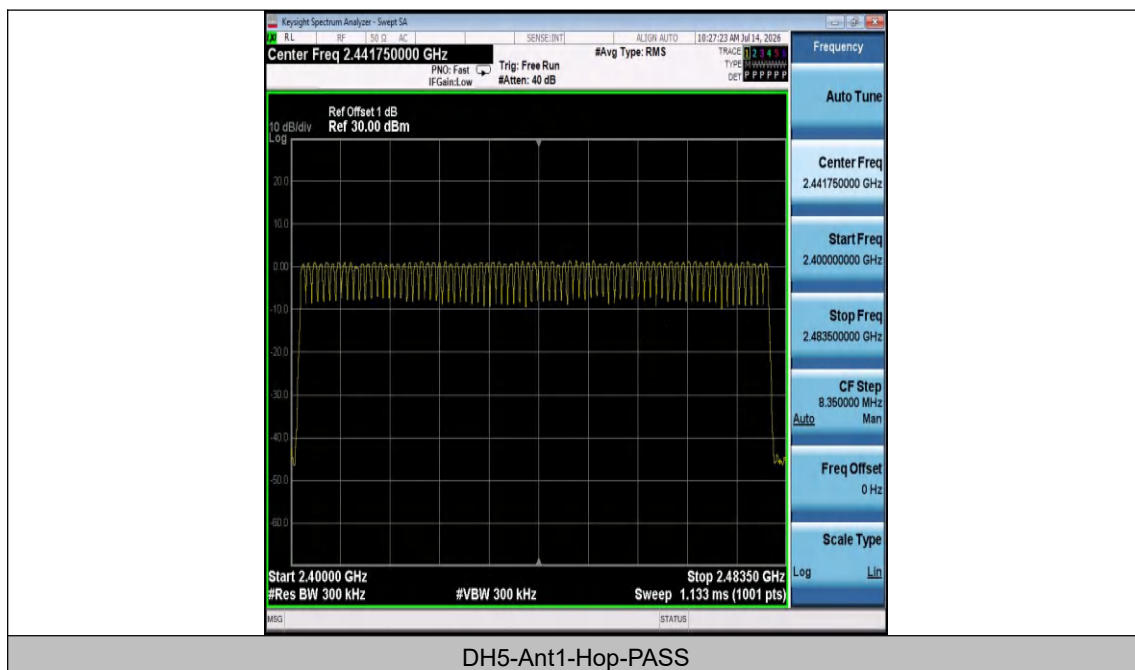
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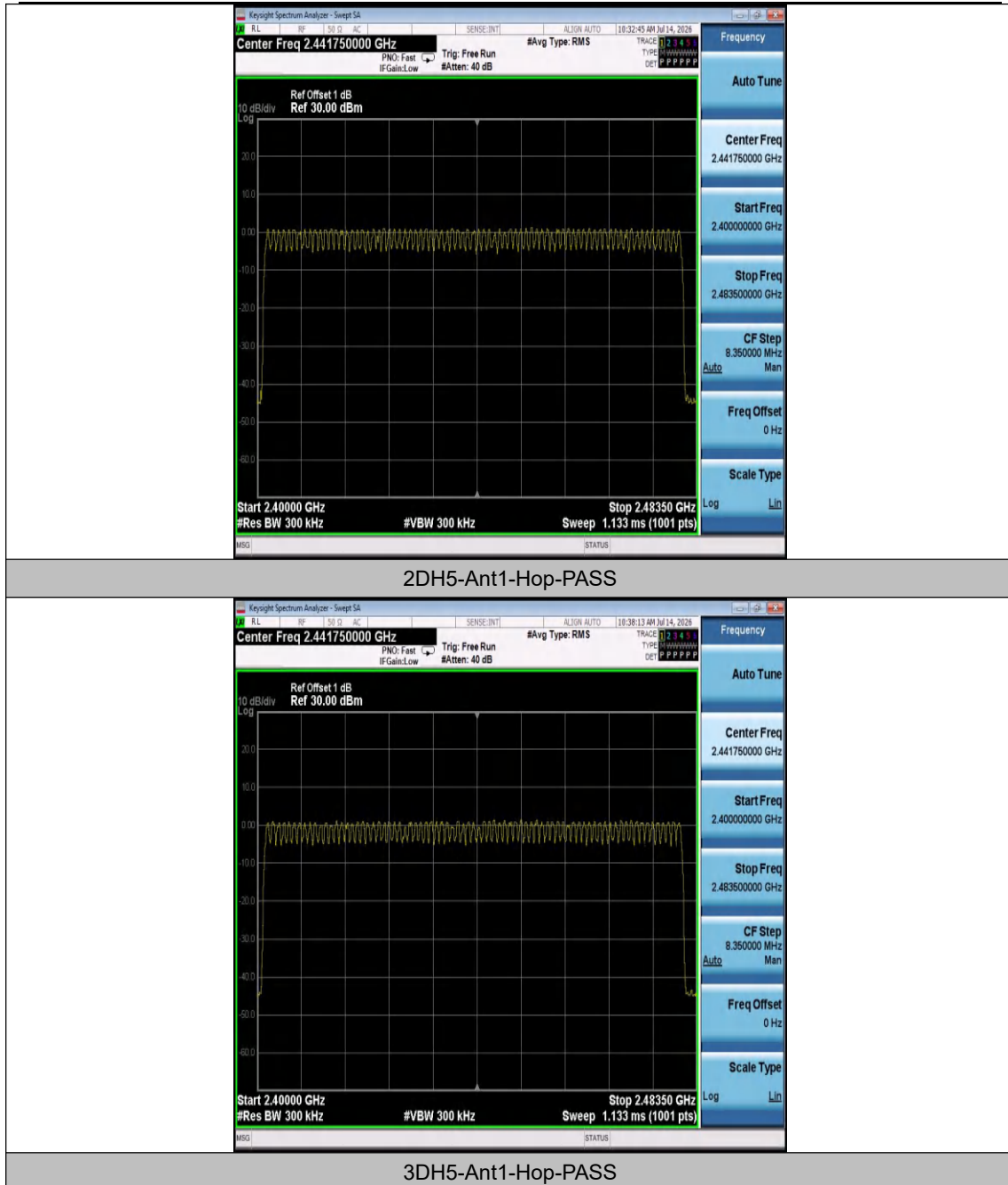
Appendix F: Number of Hopping Channel

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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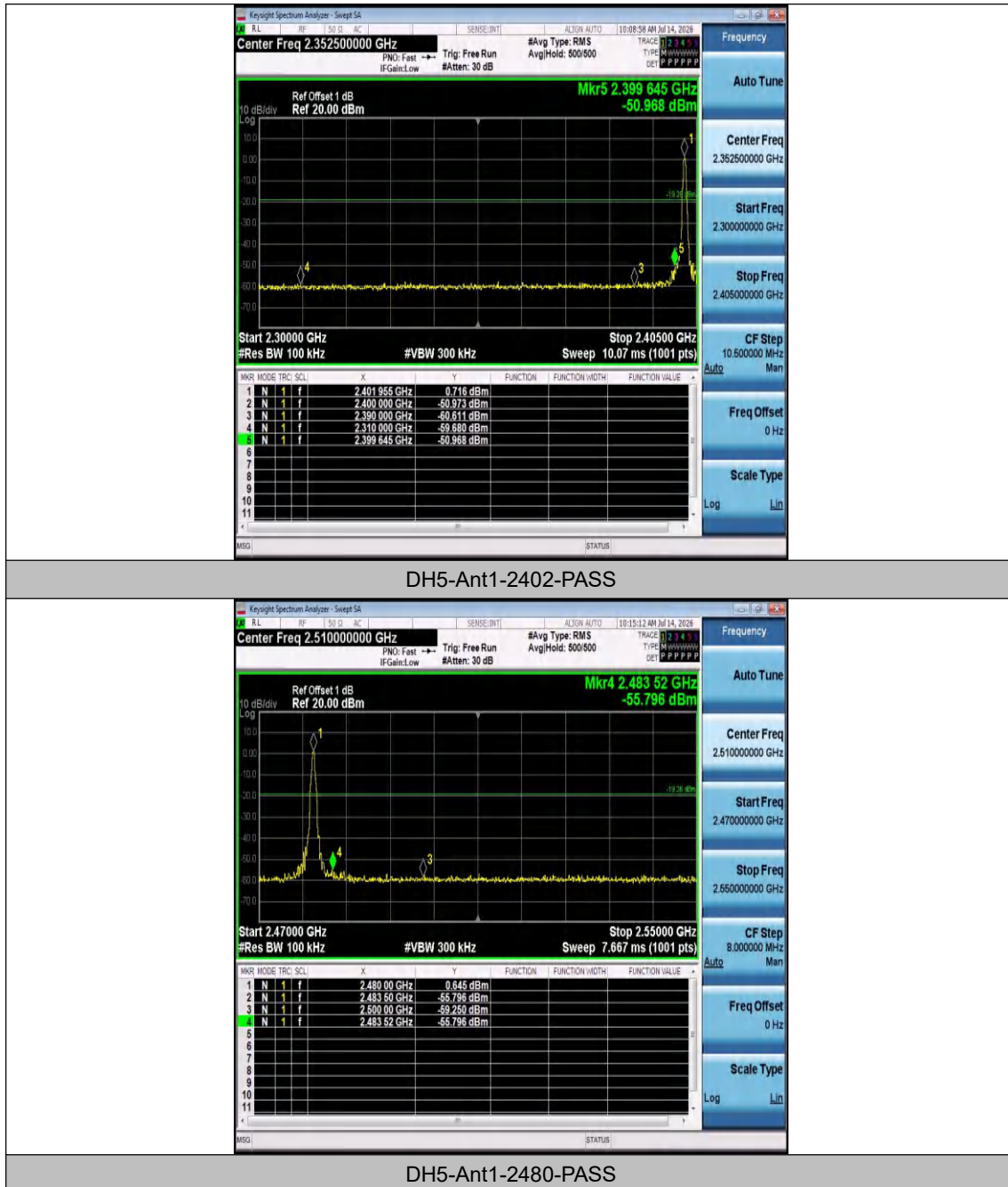
Appendix G: Conducted Band edge

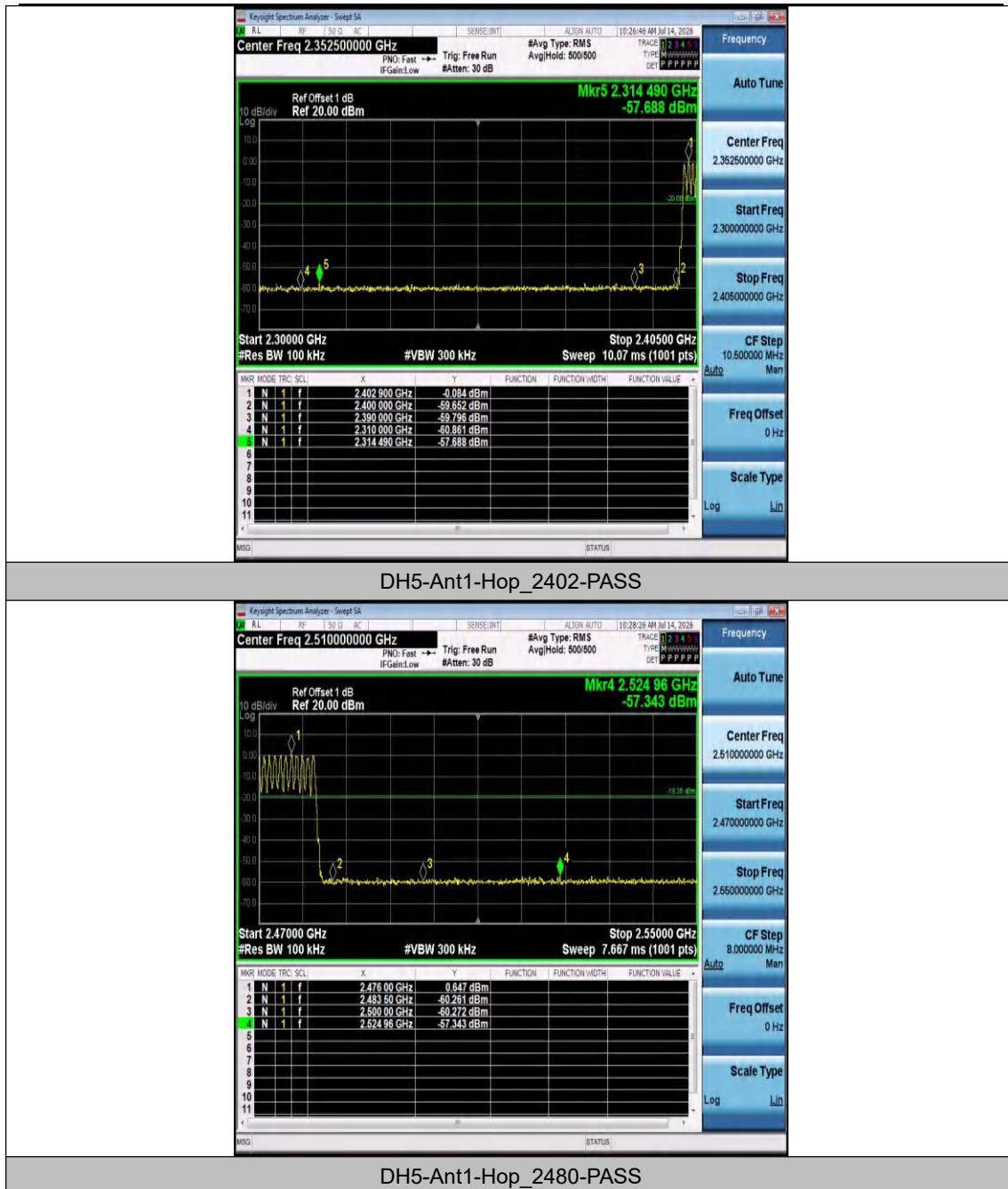
Test Result

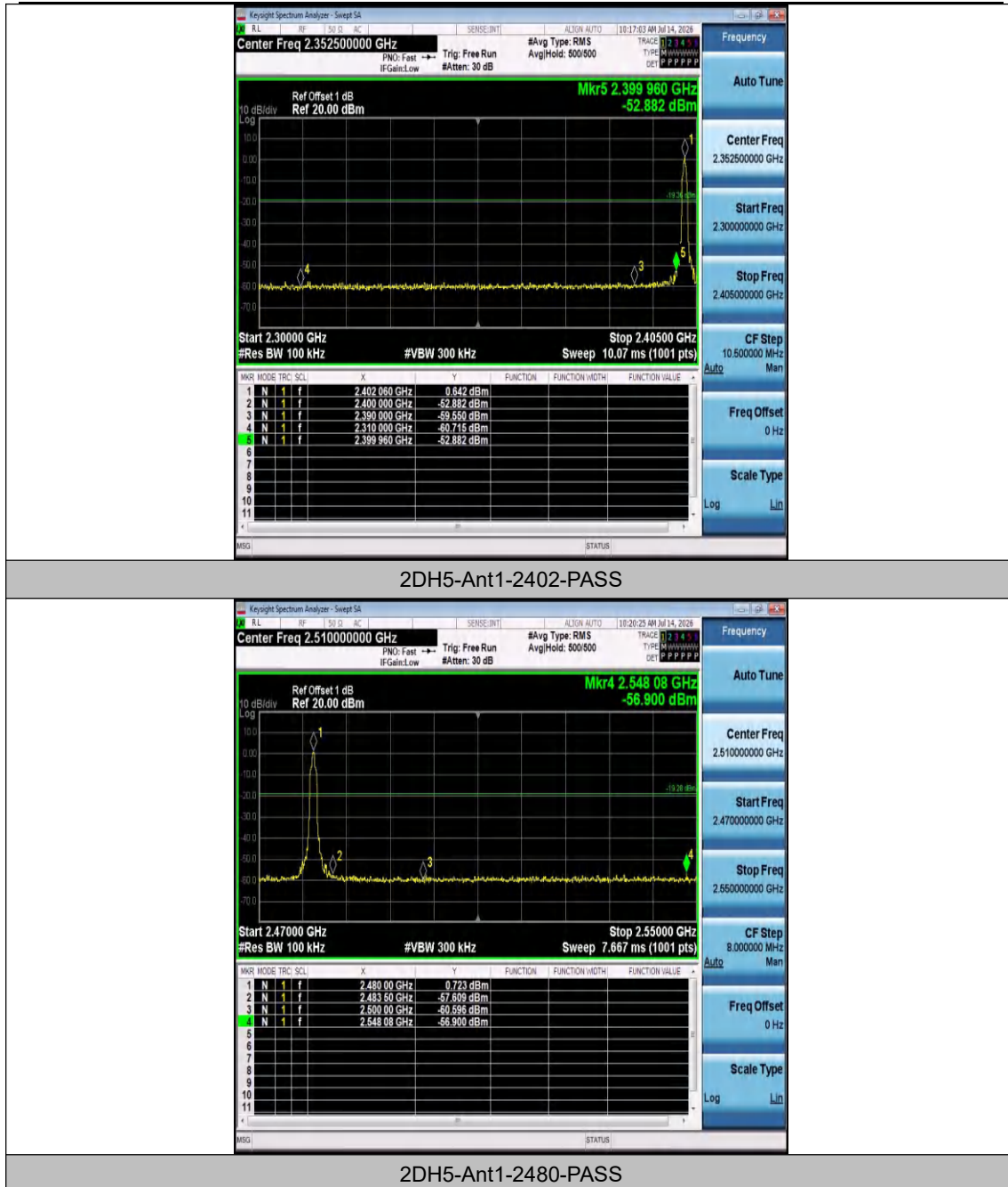
Test Mode	Antenna	Ch. Name	Frequency [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	0.72	-50.97	≤-19.28	PASS
DH5	Ant1	High	2480	0.65	-55.8	≤-19.36	PASS
DH5	Ant1	Low	Hop_2402	-0.08	-57.69	≤-20.08	PASS
DH5	Ant1	High	Hop_2480	0.65	-57.34	≤-19.35	PASS
2DH5	Ant1	Low	2402	0.64	-52.88	≤-19.36	PASS
2DH5	Ant1	High	2480	0.72	-56.9	≤-19.28	PASS
2DH5	Ant1	Low	Hop_2402	-5.67	-57.36	≤-25.67	PASS
2DH5	Ant1	High	Hop_2480	-3.34	-56.97	≤-23.34	PASS
3DH5	Ant1	Low	2402	0.64	-53.22	≤-19.37	PASS
3DH5	Ant1	High	2480	0.69	-55.67	≤-19.31	PASS
3DH5	Ant1	Low	Hop_2402	-5.80	-57.95	≤-25.8	PASS
3DH5	Ant1	High	Hop_2480	-5.01	-57.32	≤-25.01	PASS

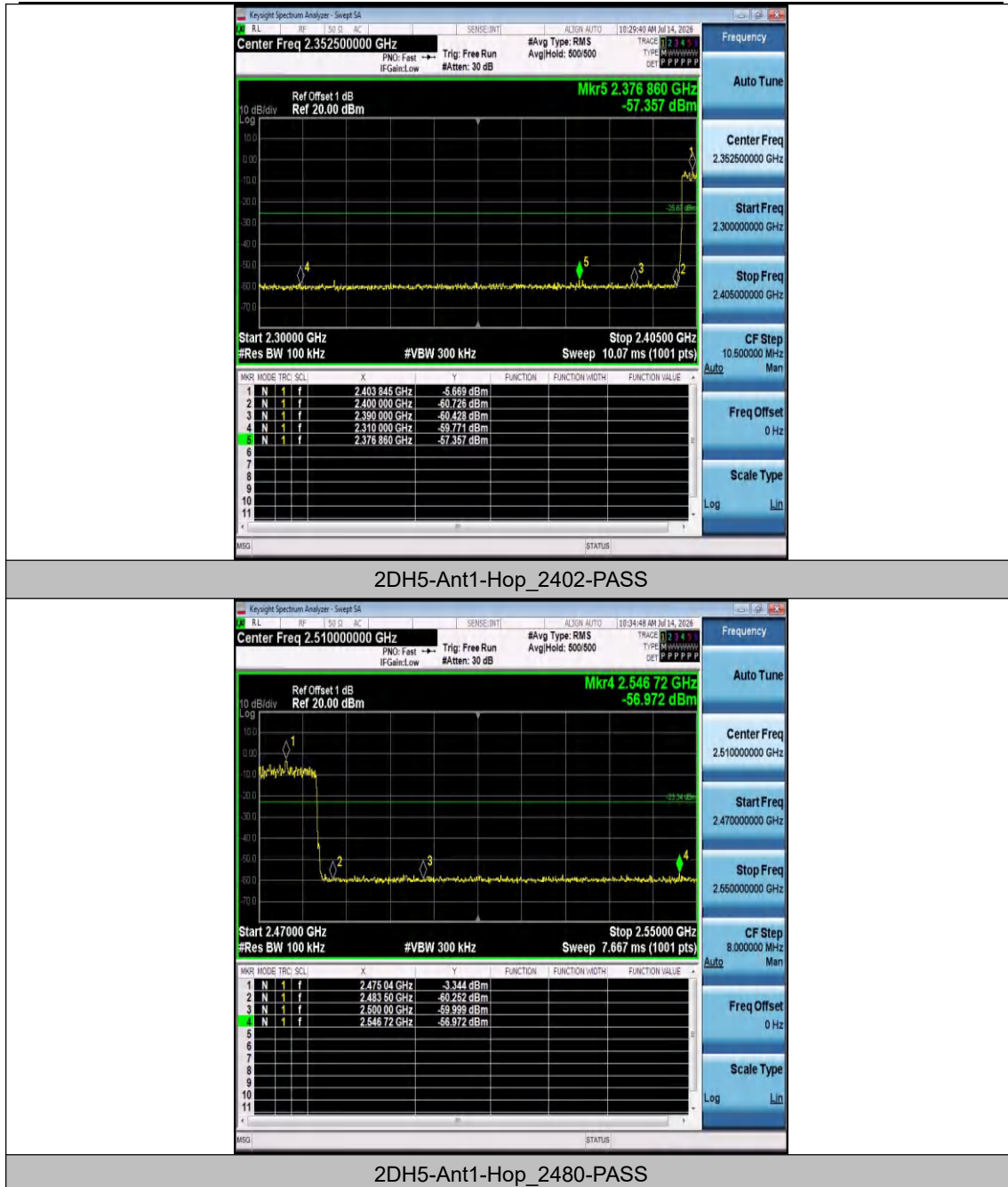
Remark: Regarding the spurious emissions from 30MHz to 26.5GHz, the cable loss have been set in the 'offset' of the Spectrum Analyzer during the test.

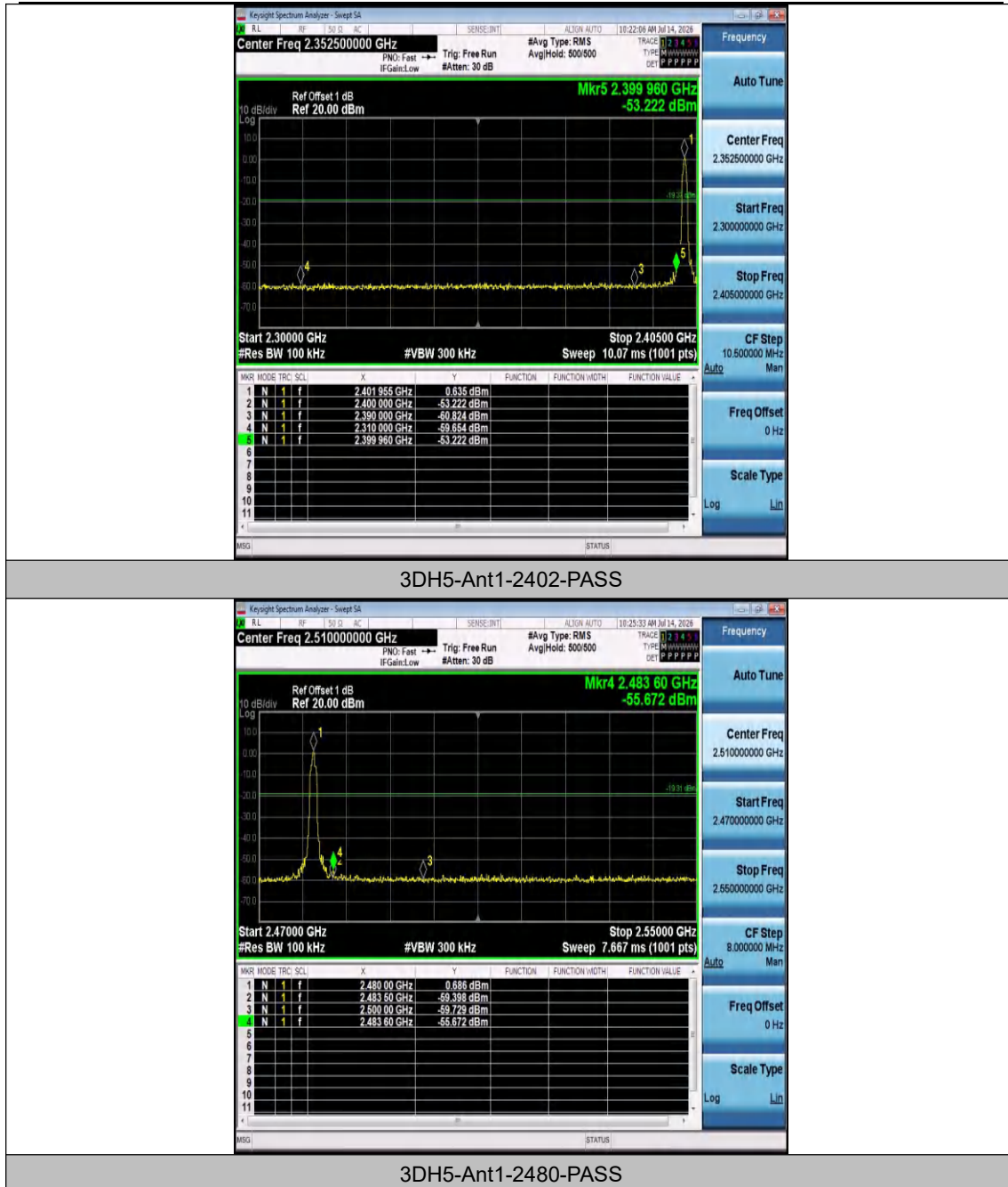
Test Graphs

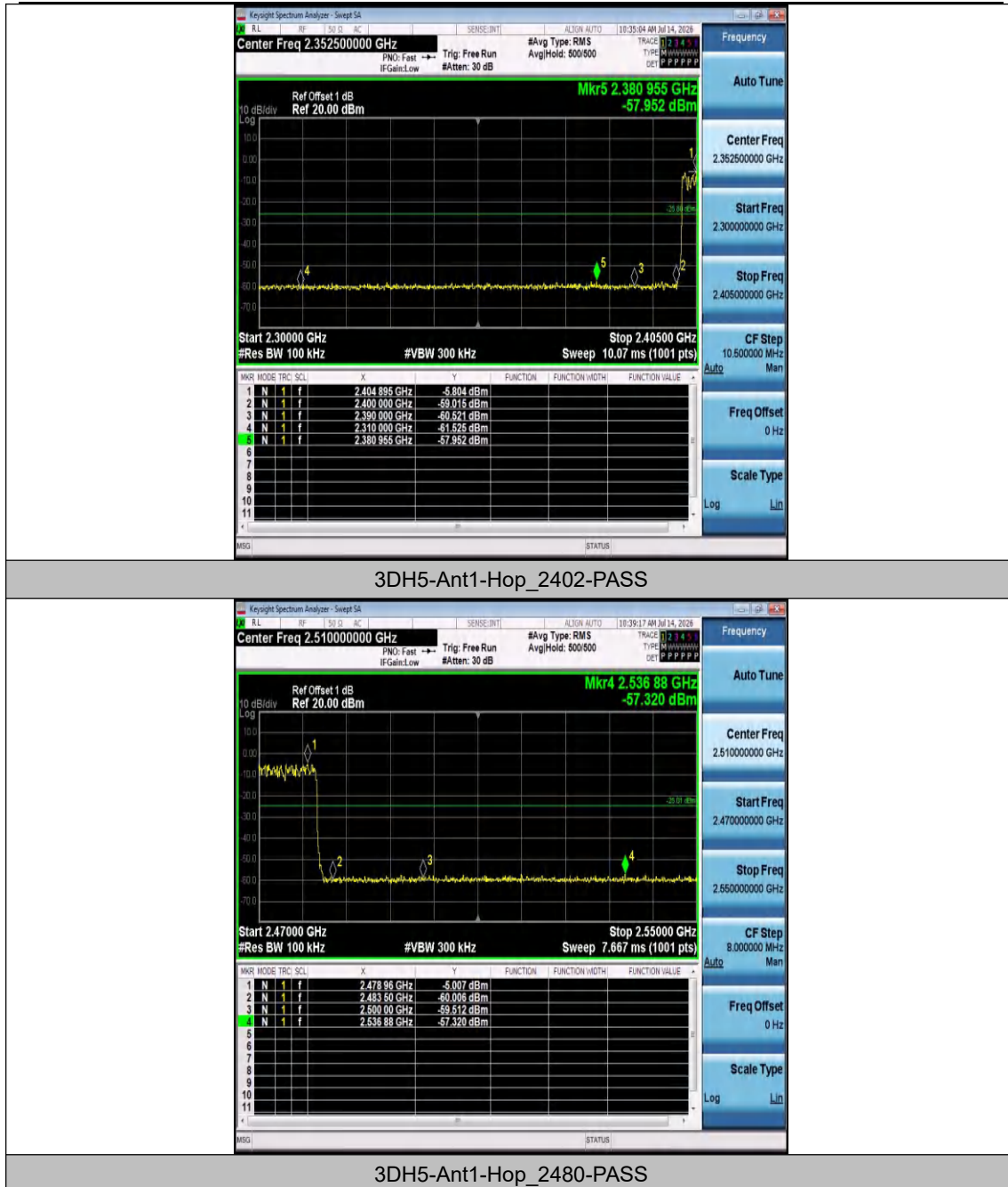












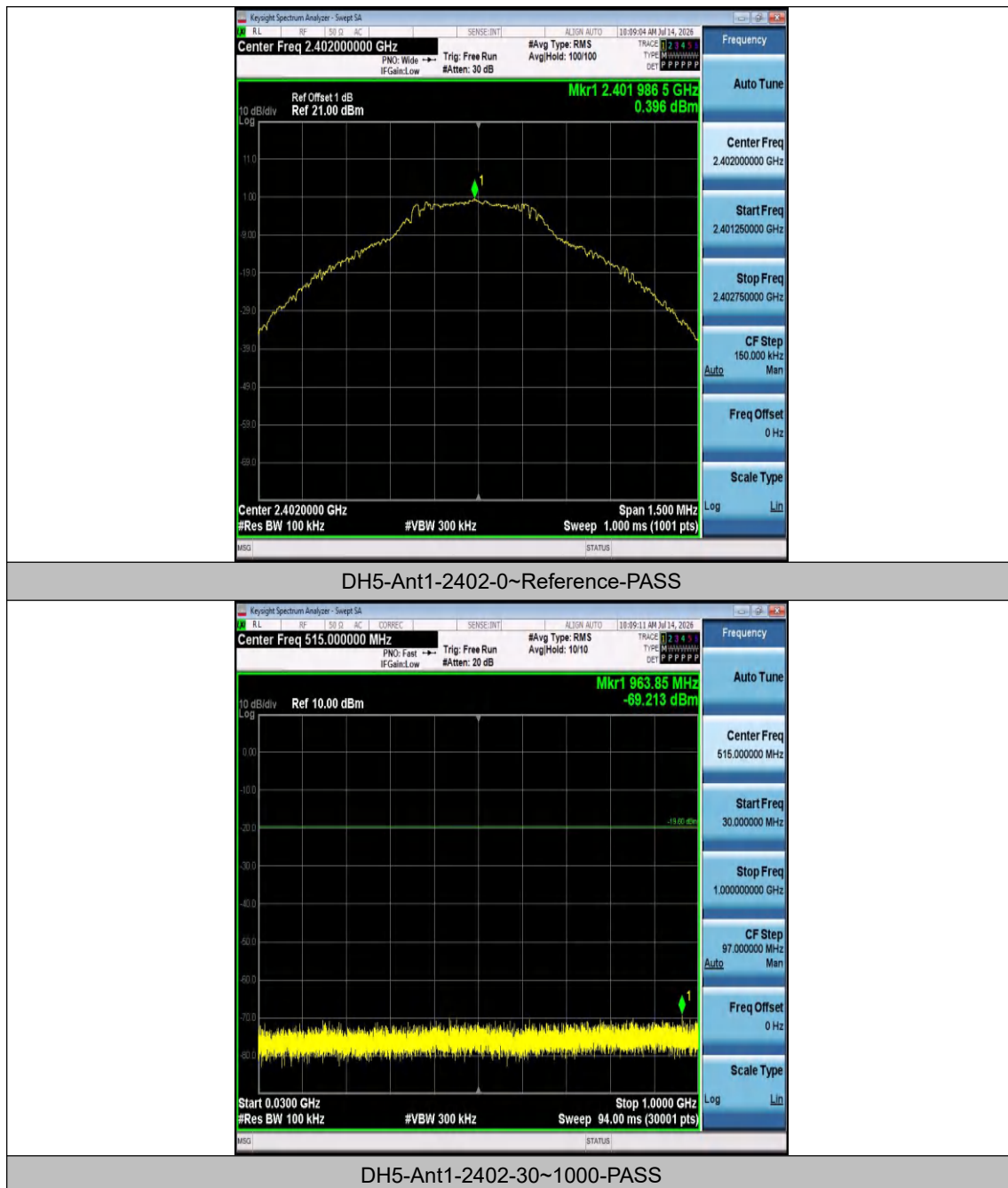
Appendix H: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency[MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	0~Reference	0.40	0.40	---	PASS
DH5	Ant1	2402	30~1000	0.40	-69.21	≤-19.6	PASS
DH5	Ant1	2402	1000~26500	0.40	-28.96	≤-19.6	PASS
DH5	Ant1	2441	0~Reference	0.66	0.66	---	PASS
DH5	Ant1	2441	30~1000	0.66	-69.9	≤-19.34	PASS
DH5	Ant1	2441	1000~26500	0.66	-29.17	≤-19.34	PASS
DH5	Ant1	2480	0~Reference	0.21	0.21	---	PASS
DH5	Ant1	2480	30~1000	0.21	-68.89	≤-19.79	PASS
DH5	Ant1	2480	1000~26500	0.21	-28.56	≤-19.79	PASS
2DH5	Ant1	2402	0~Reference	0.01	0.01	---	PASS
2DH5	Ant1	2402	30~1000	0.01	-68.92	≤-19.99	PASS
2DH5	Ant1	2402	1000~26500	0.01	-33.47	≤-19.99	PASS
2DH5	Ant1	2441	0~Reference	0.69	0.69	---	PASS
2DH5	Ant1	2441	30~1000	0.69	-69.9	≤-19.31	PASS
2DH5	Ant1	2441	1000~26500	0.69	-35.54	≤-19.31	PASS
2DH5	Ant1	2480	0~Reference	0.57	0.57	---	PASS
2DH5	Ant1	2480	30~1000	0.57	-69.88	≤-19.43	PASS
2DH5	Ant1	2480	1000~26500	0.57	-28.6	≤-19.43	PASS
3DH5	Ant1	2402	0~Reference	0.53	0.53	---	PASS
3DH5	Ant1	2402	30~1000	0.53	-69.28	≤-19.47	PASS
3DH5	Ant1	2402	1000~26500	0.53	-33.84	≤-19.47	PASS
3DH5	Ant1	2441	0~Reference	0.67	0.67	---	PASS
3DH5	Ant1	2441	30~1000	0.67	-68.81	≤-19.33	PASS
3DH5	Ant1	2441	1000~26500	0.67	-36.56	≤-19.33	PASS
3DH5	Ant1	2480	0~Reference	-1.21	-1.21	---	PASS
3DH5	Ant1	2480	30~1000	-1.21	-69.72	≤-21.21	PASS
3DH5	Ant1	2480	1000~26500	-1.21	-30.28	≤-21.21	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.

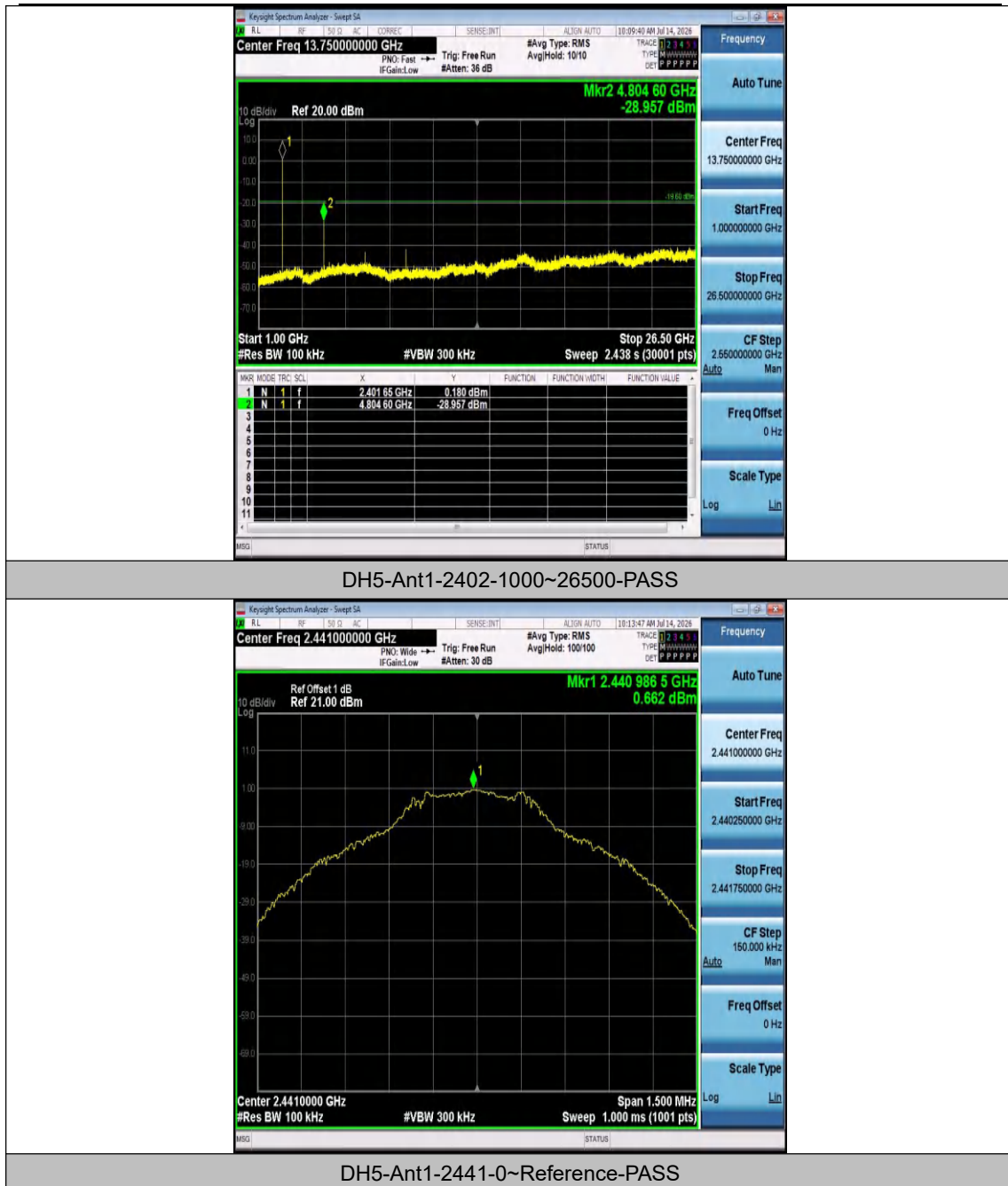
Test Graphs

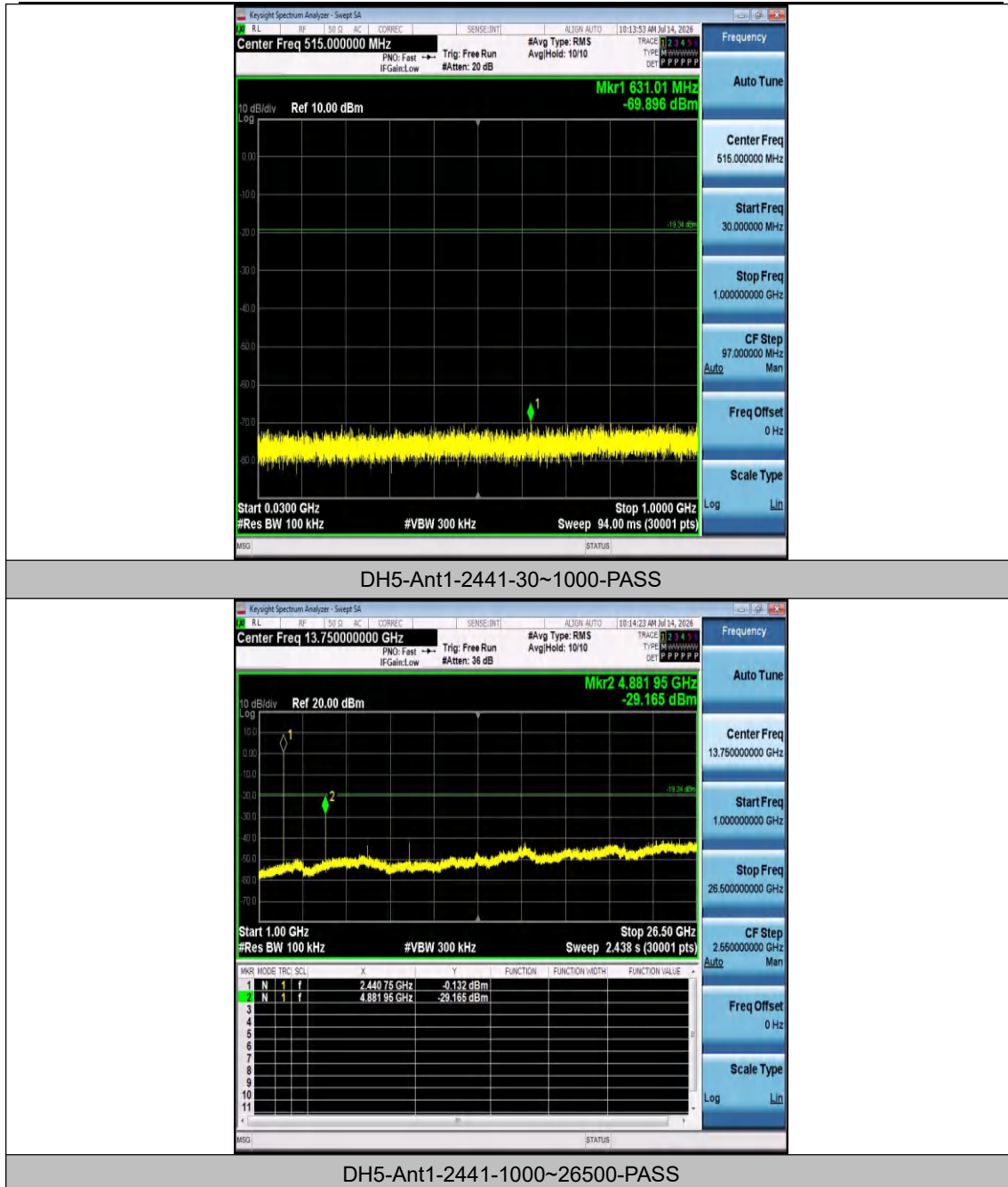


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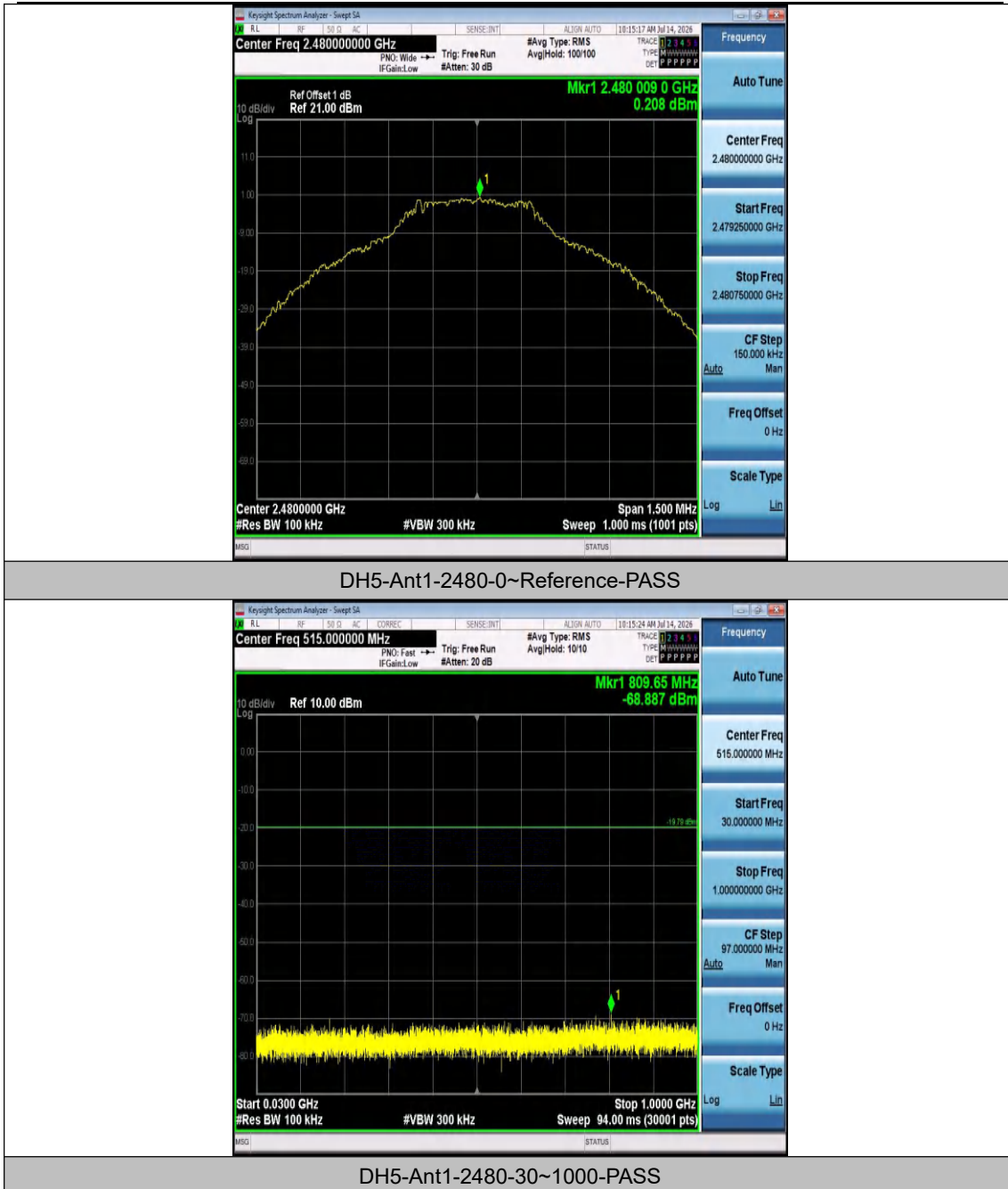




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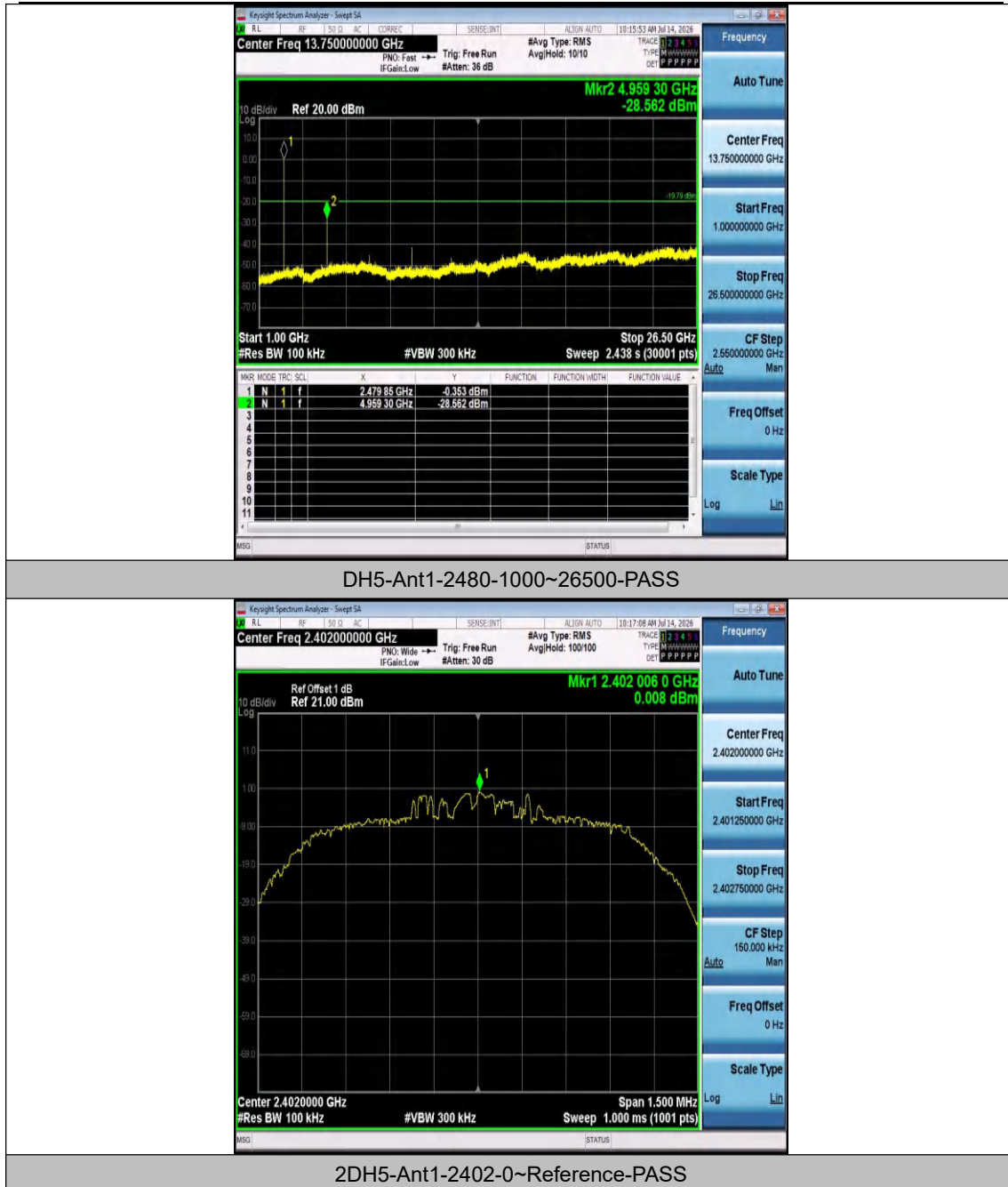
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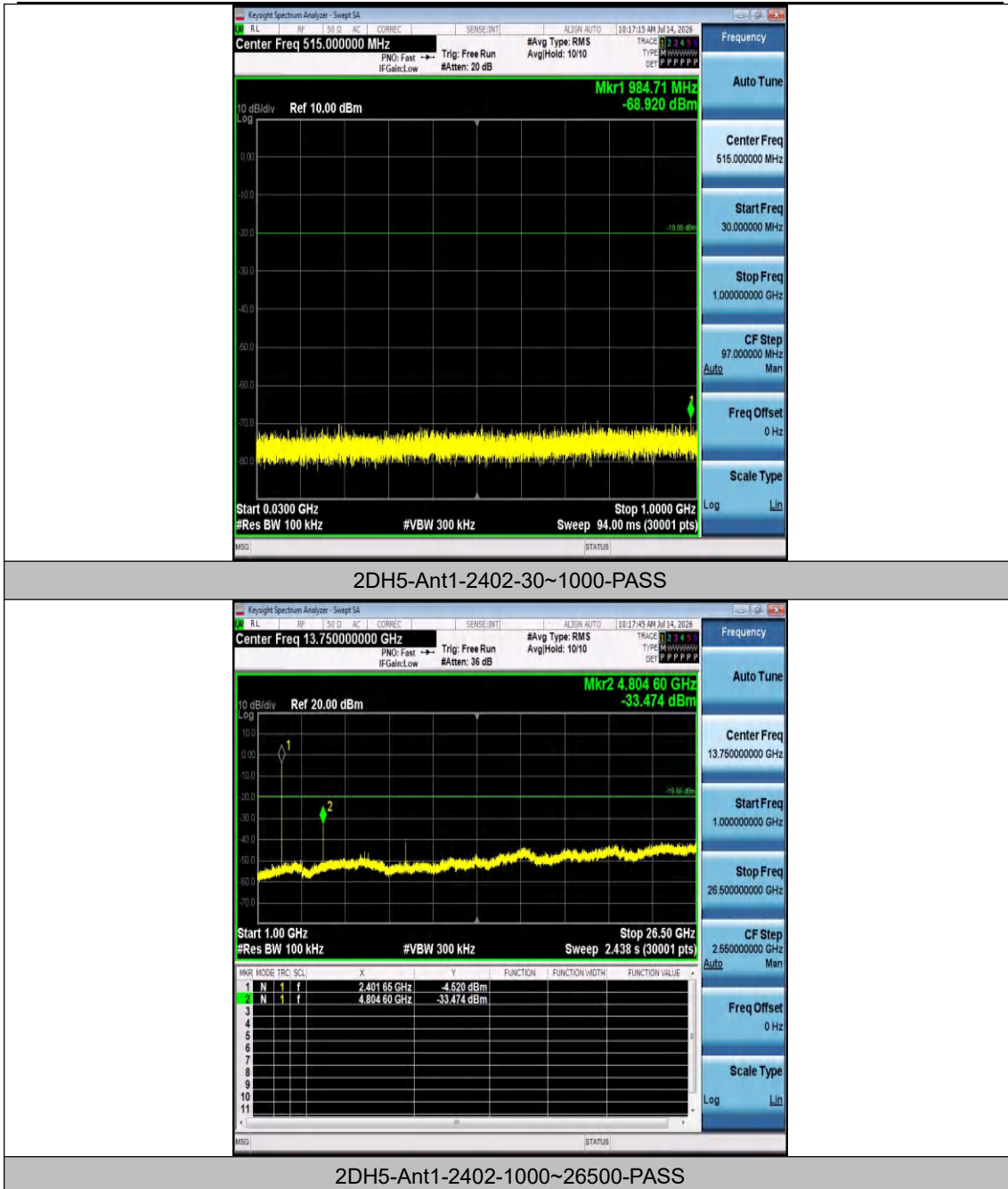


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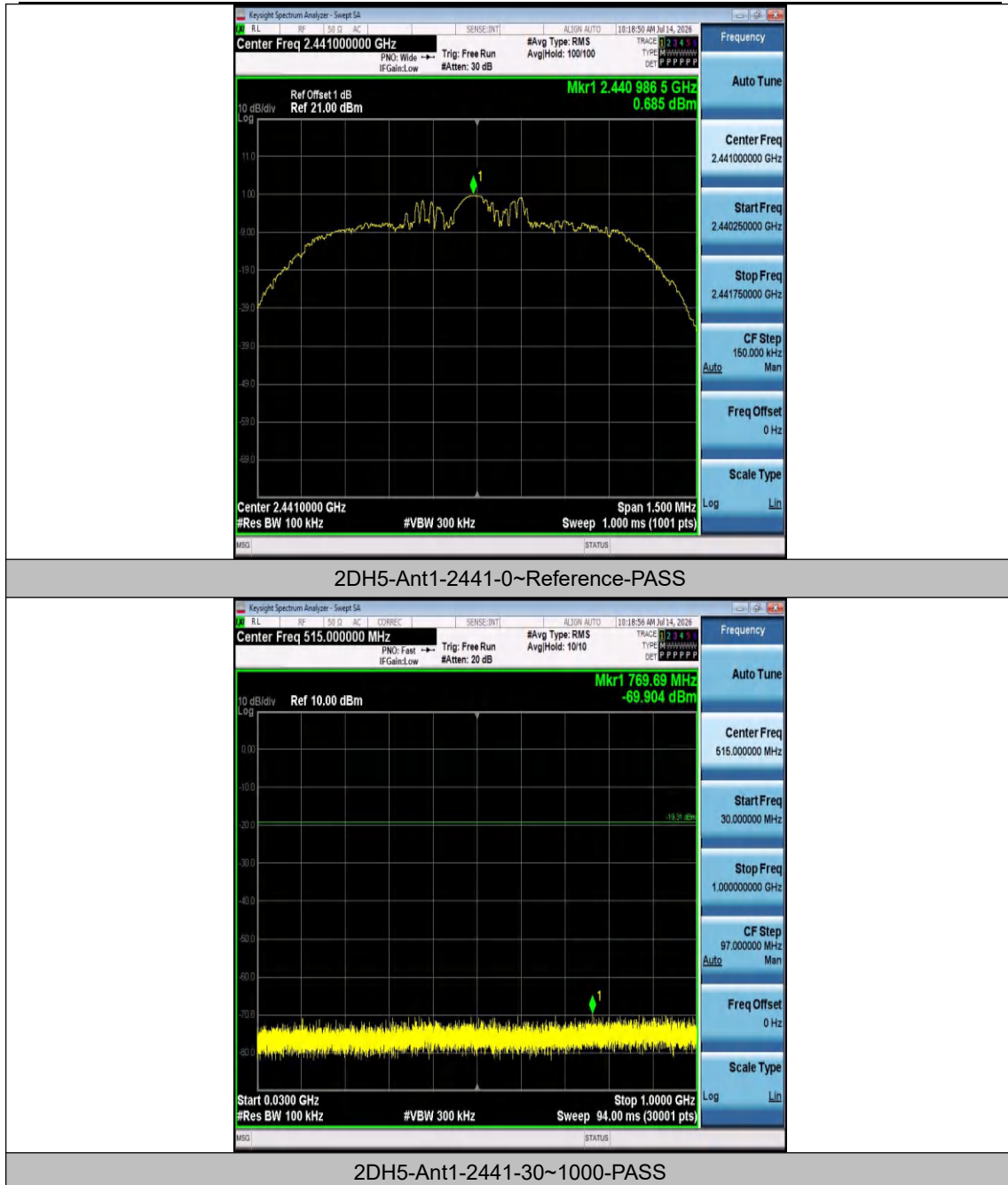




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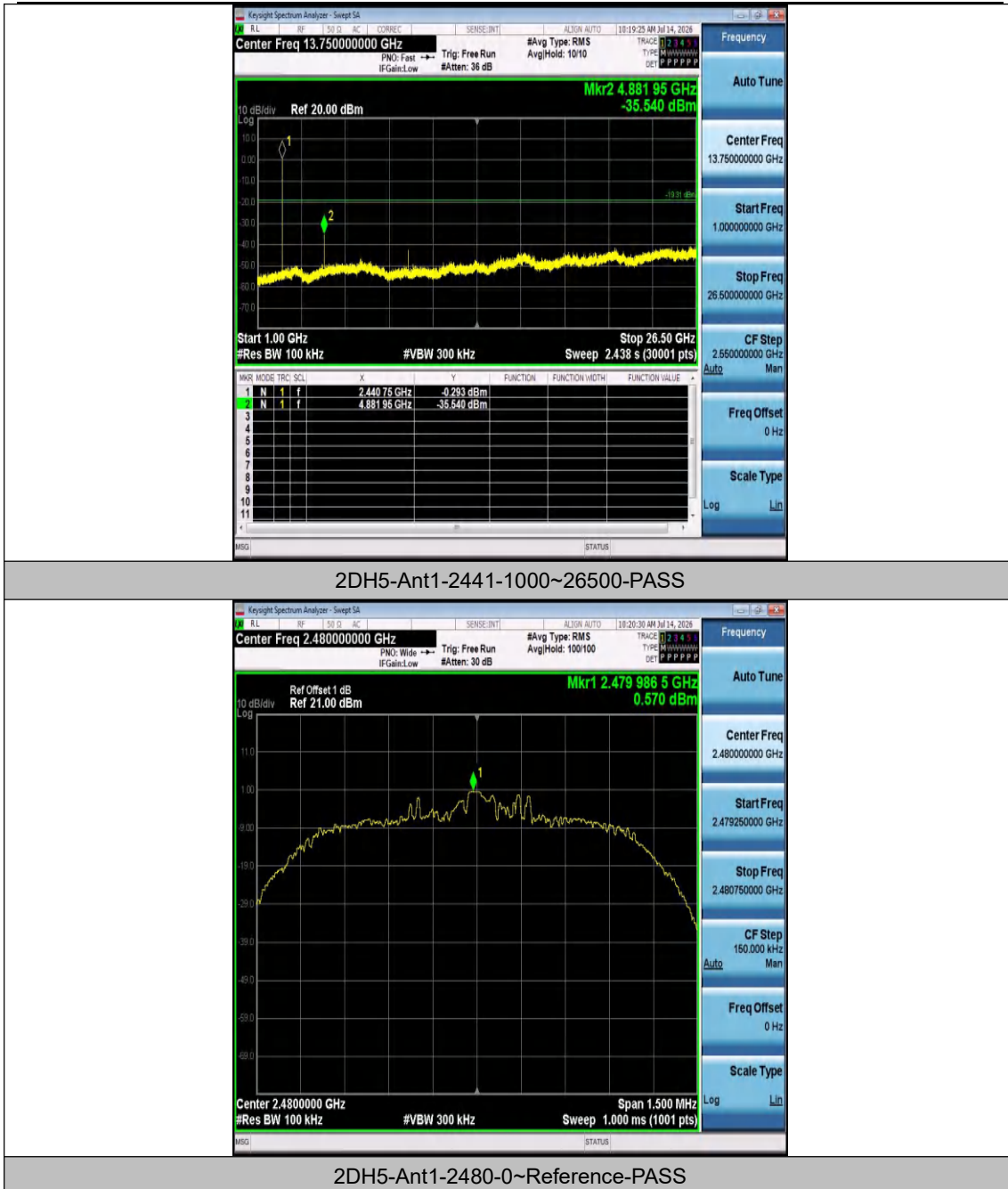
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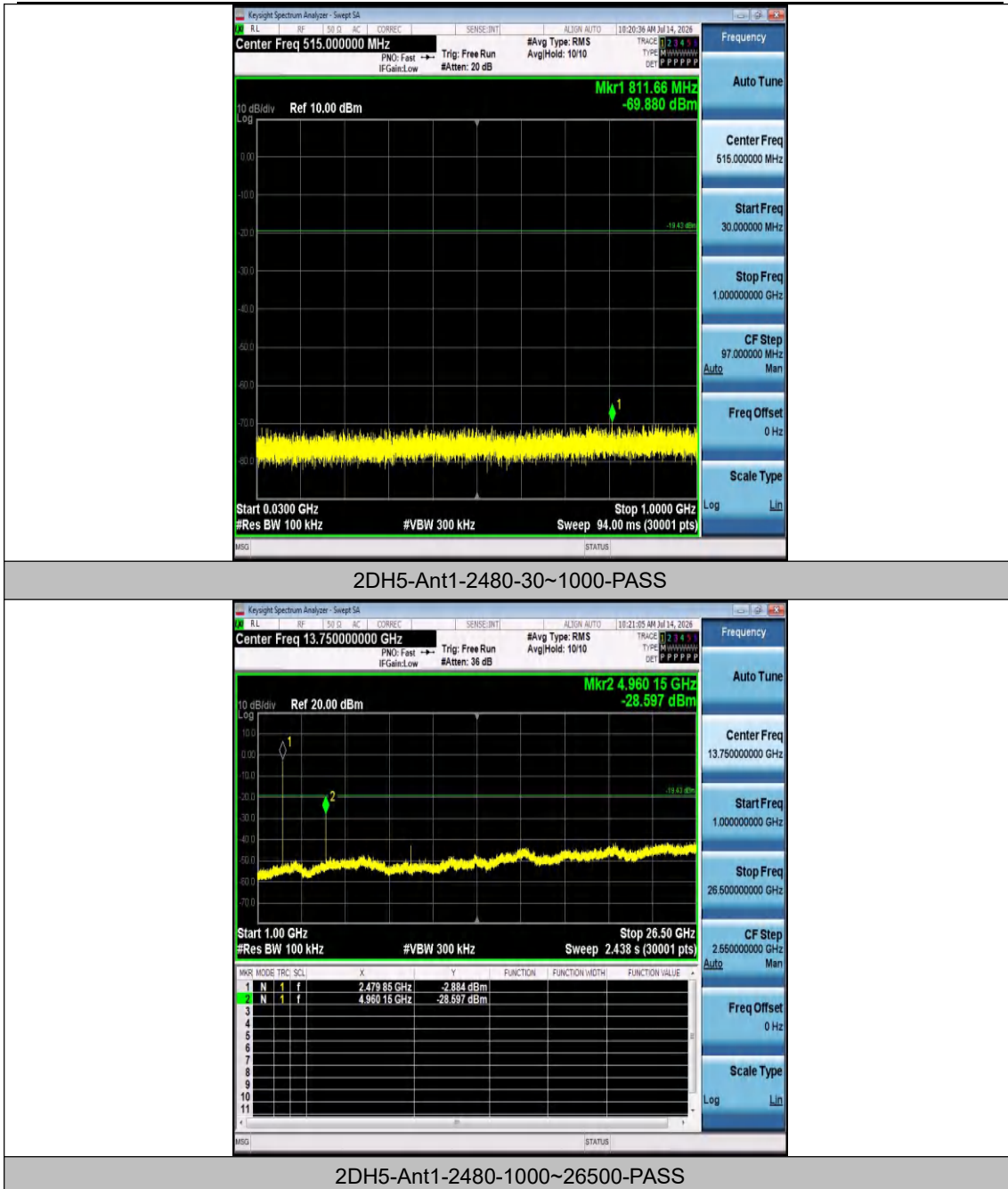


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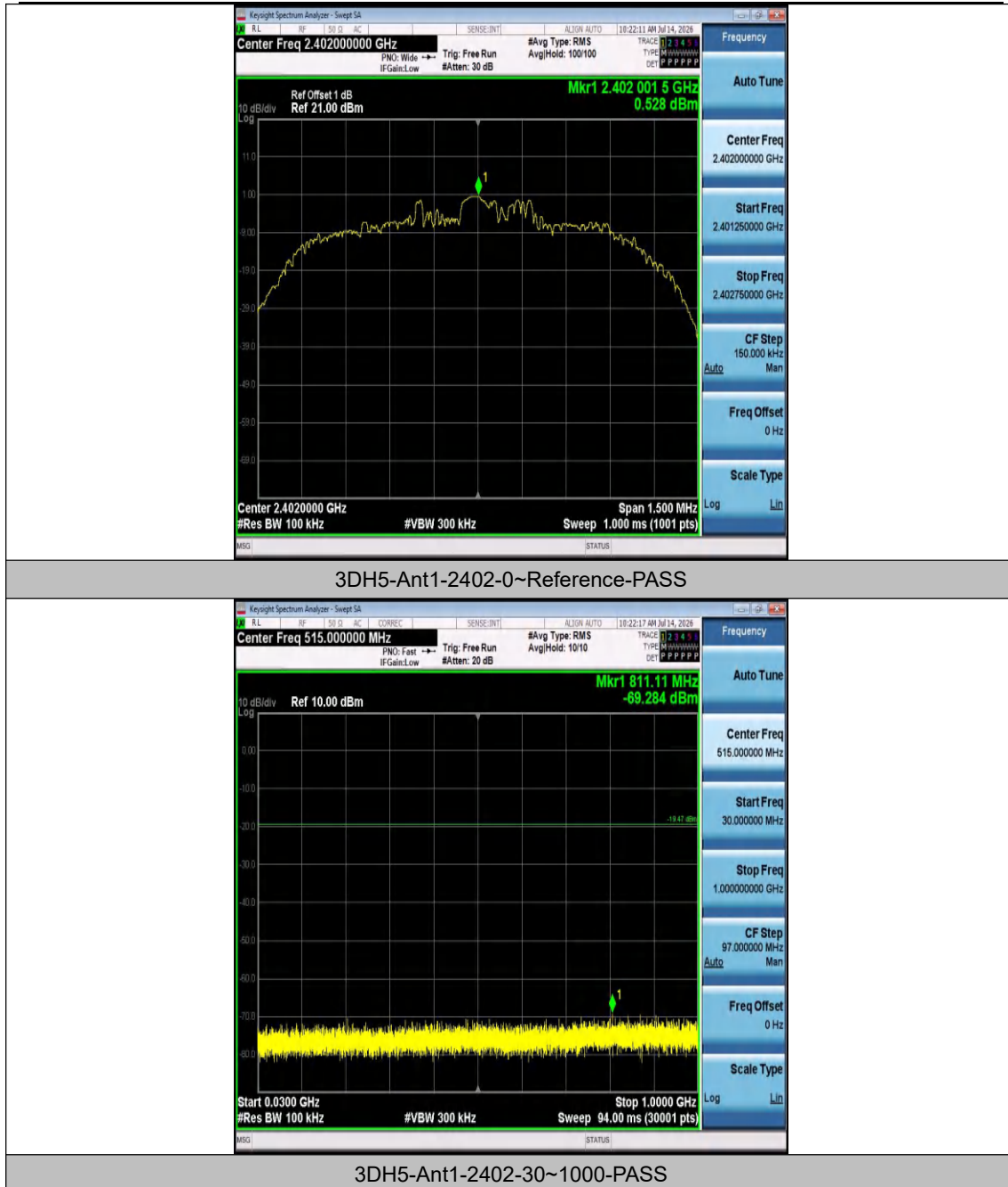




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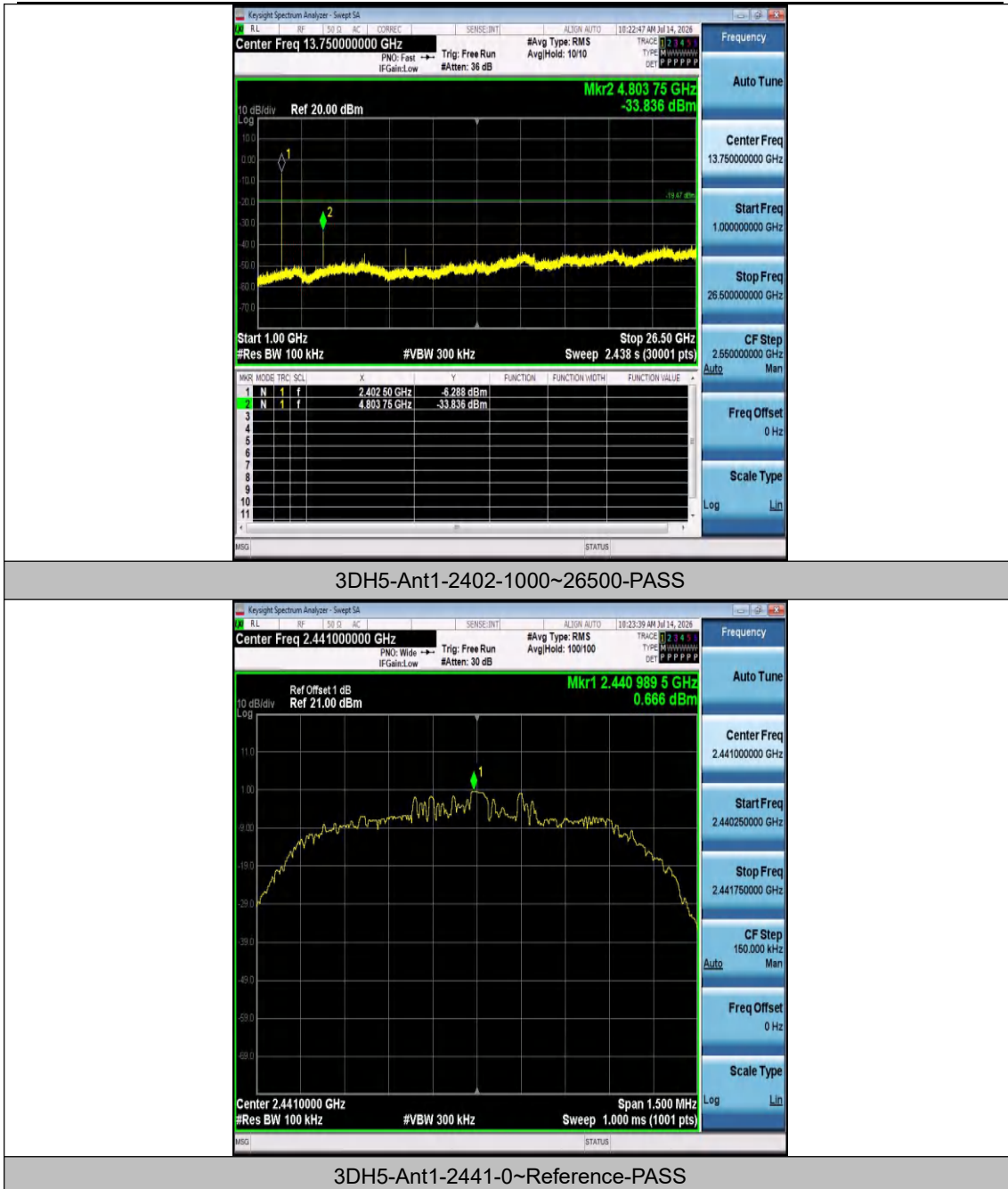
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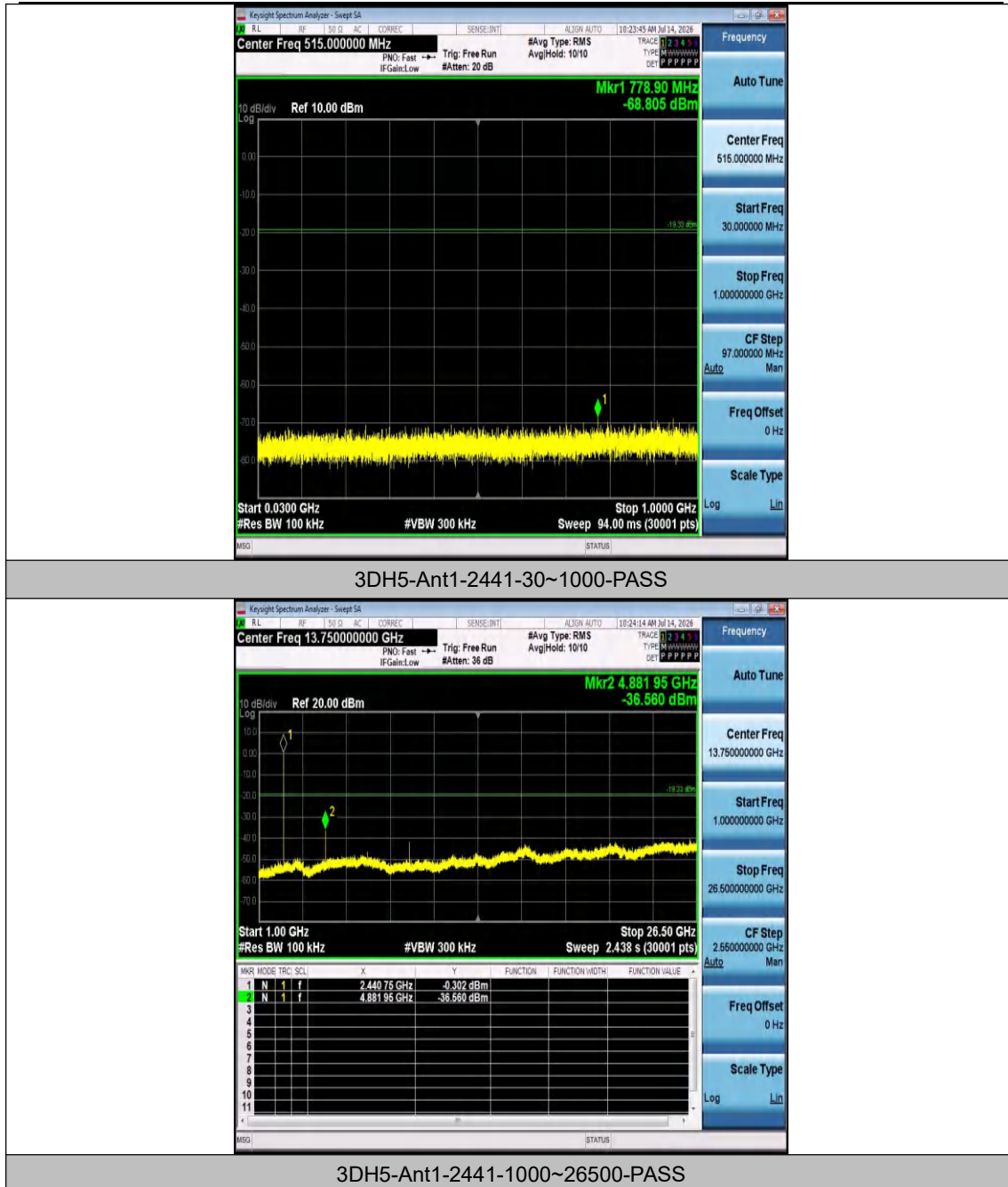
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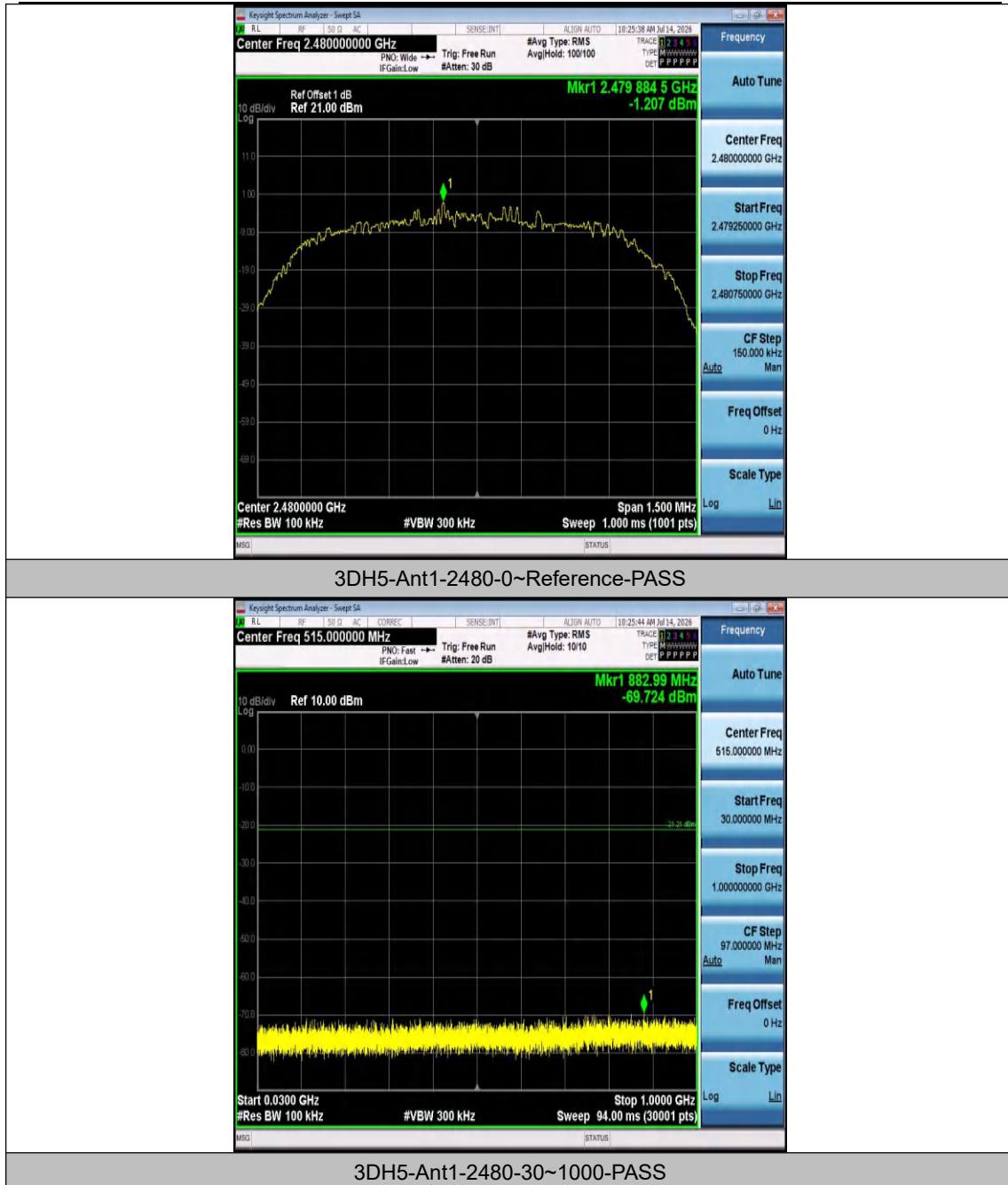
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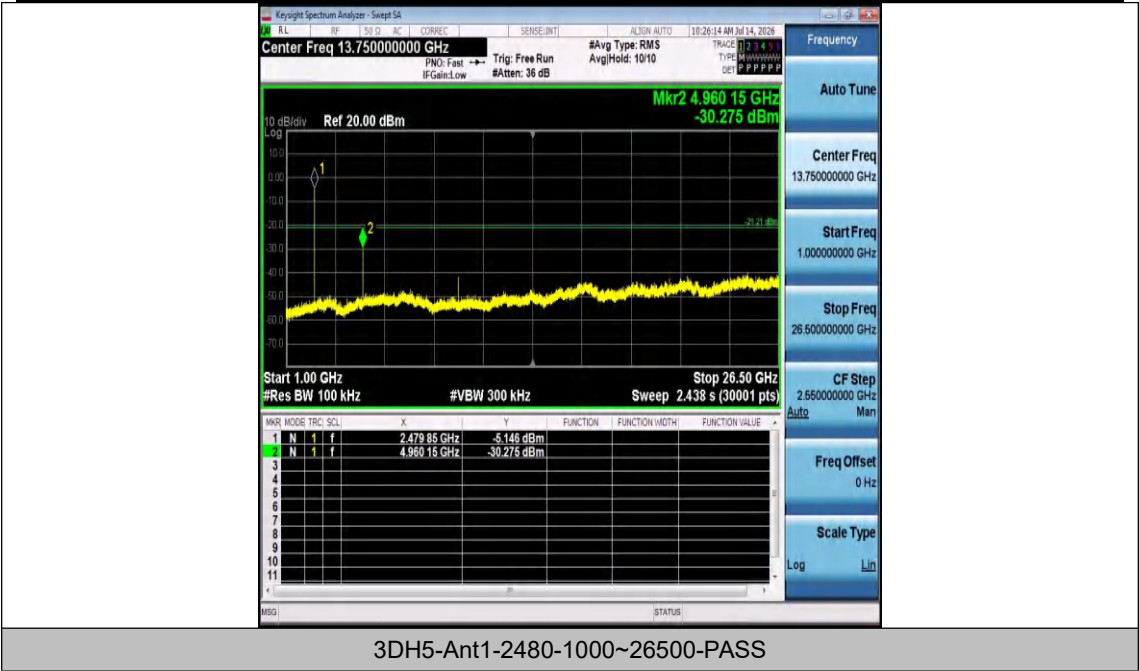
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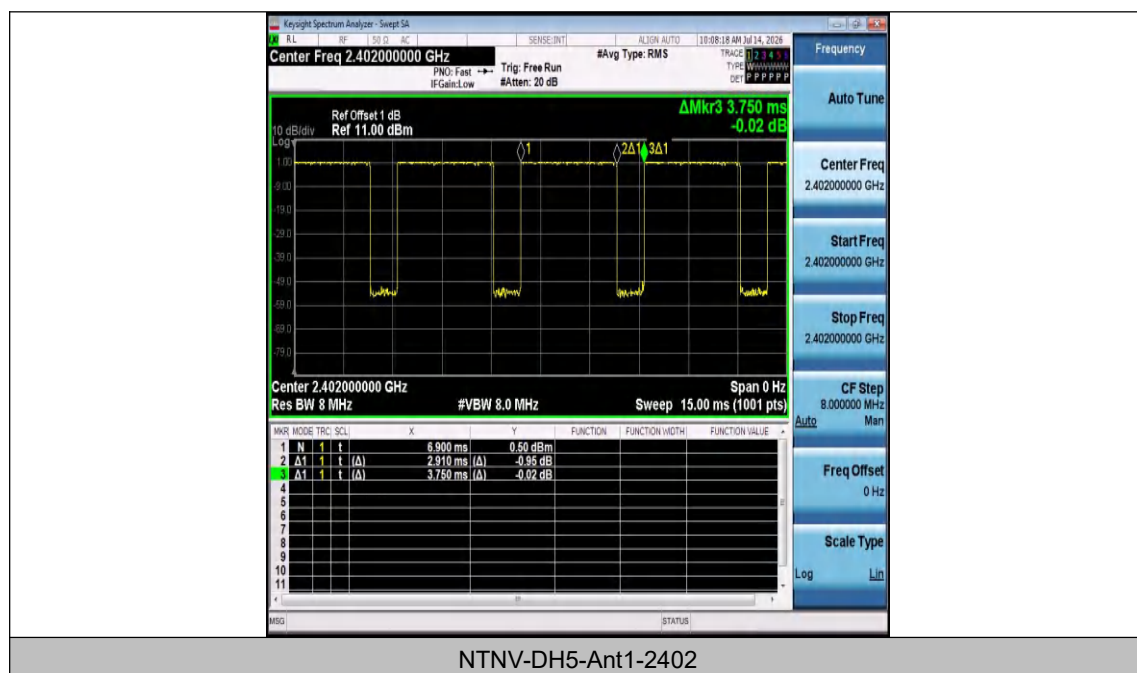
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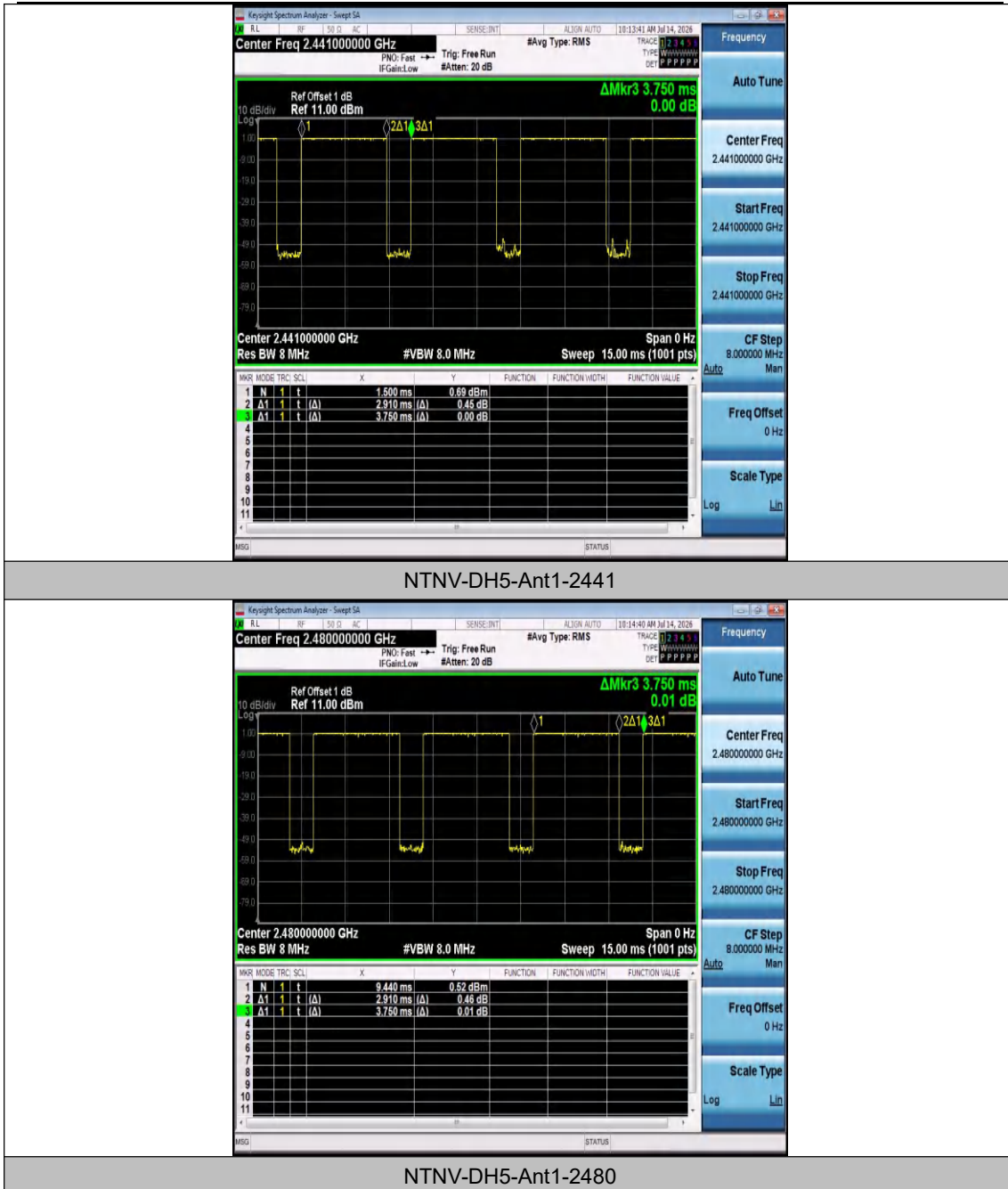
Appendix I: Duty Cycle

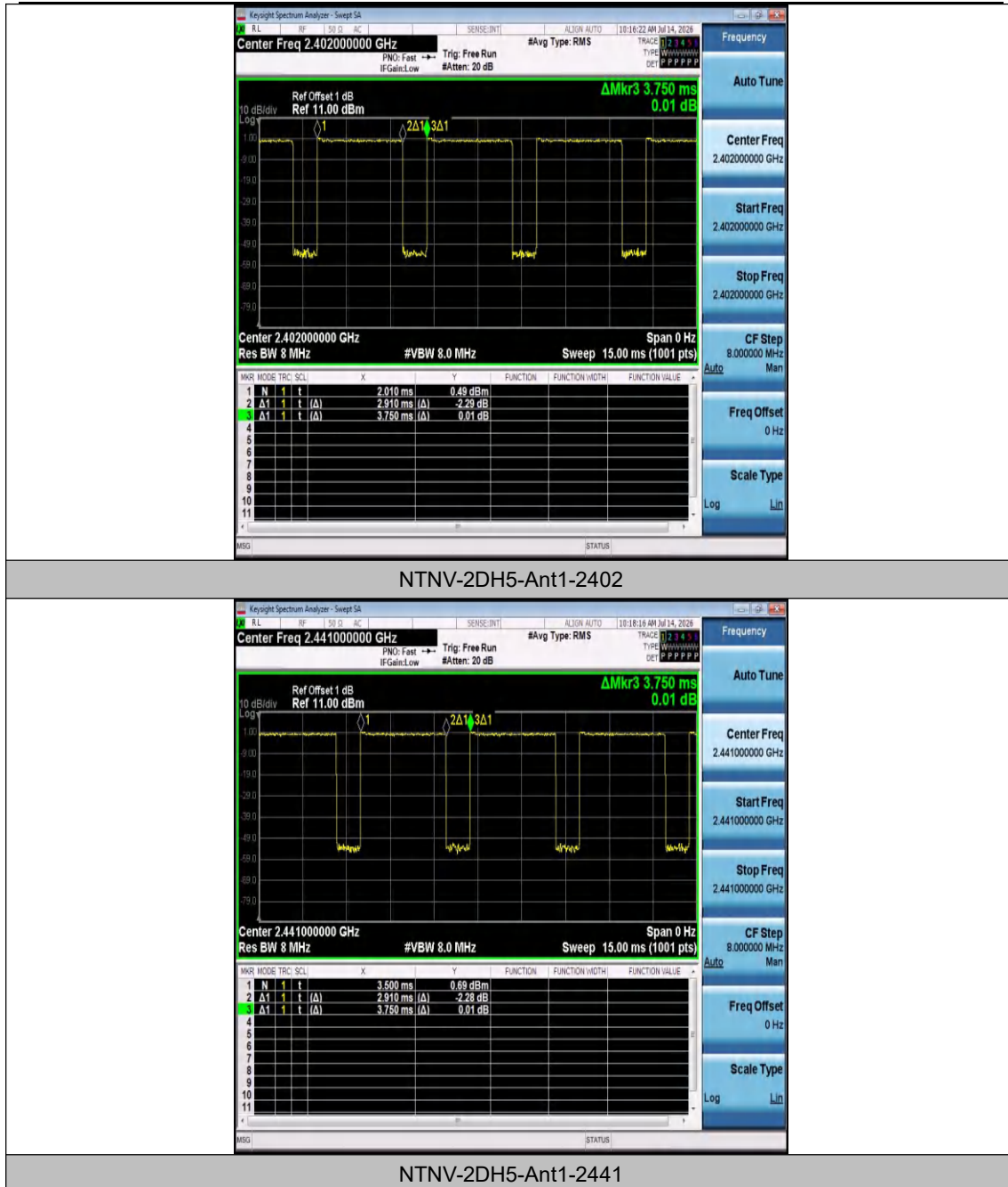
Test Result

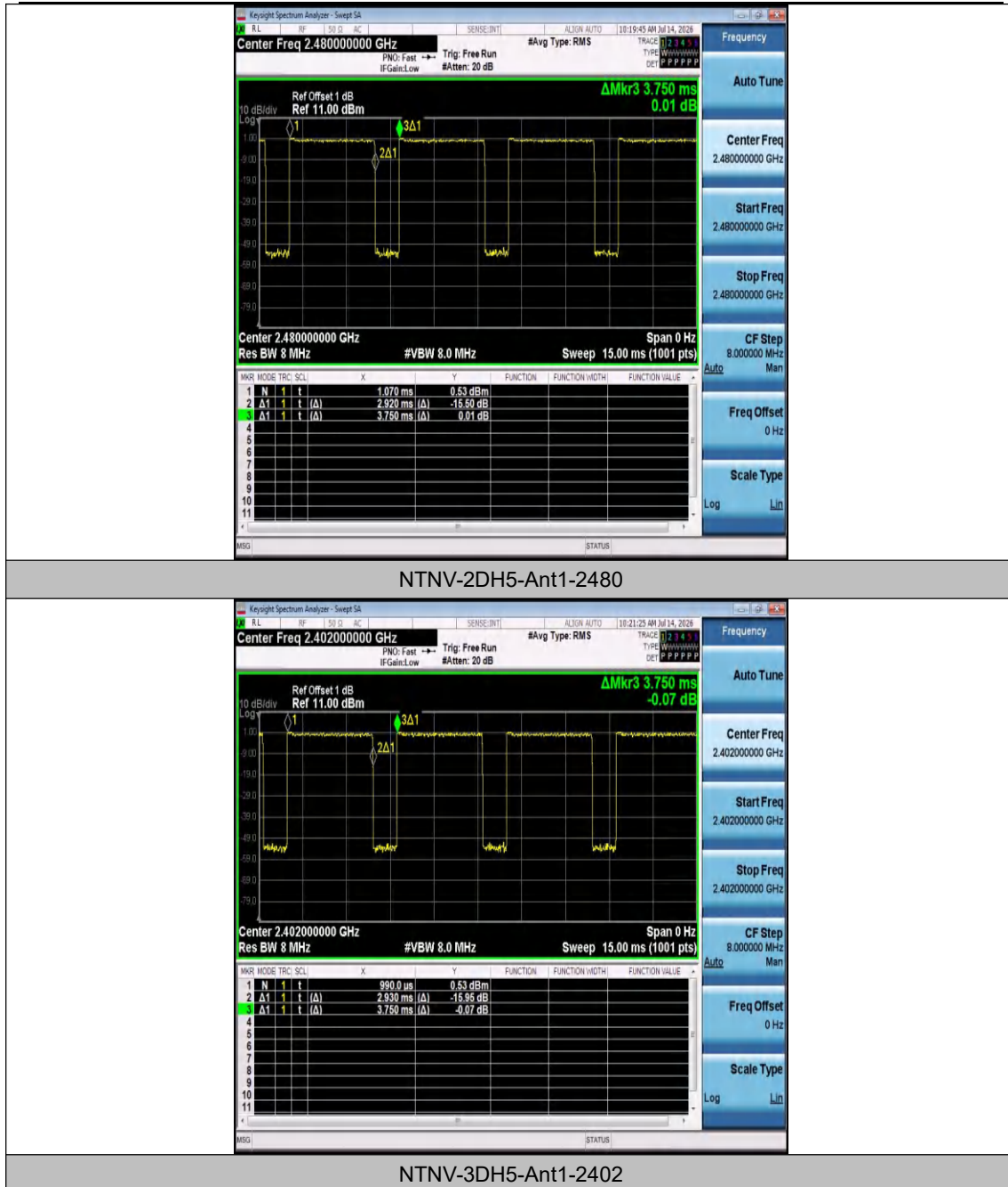
Test Mode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
DH5	Ant1	2402	2.91	3.75	77.60	1.10
DH5	Ant1	2441	2.91	3.75	77.60	1.10
DH5	Ant1	2480	2.91	3.75	77.60	1.10
2DH5	Ant1	2402	2.91	3.75	77.60	1.10
2DH5	Ant1	2441	2.91	3.75	77.60	1.10
2DH5	Ant1	2480	2.92	3.75	77.87	1.09
3DH5	Ant1	2402	2.93	3.75	78.13	1.07
3DH5	Ant1	2441	2.93	3.75	78.13	1.07
3DH5	Ant1	2480	2.91	3.75	77.60	1.10

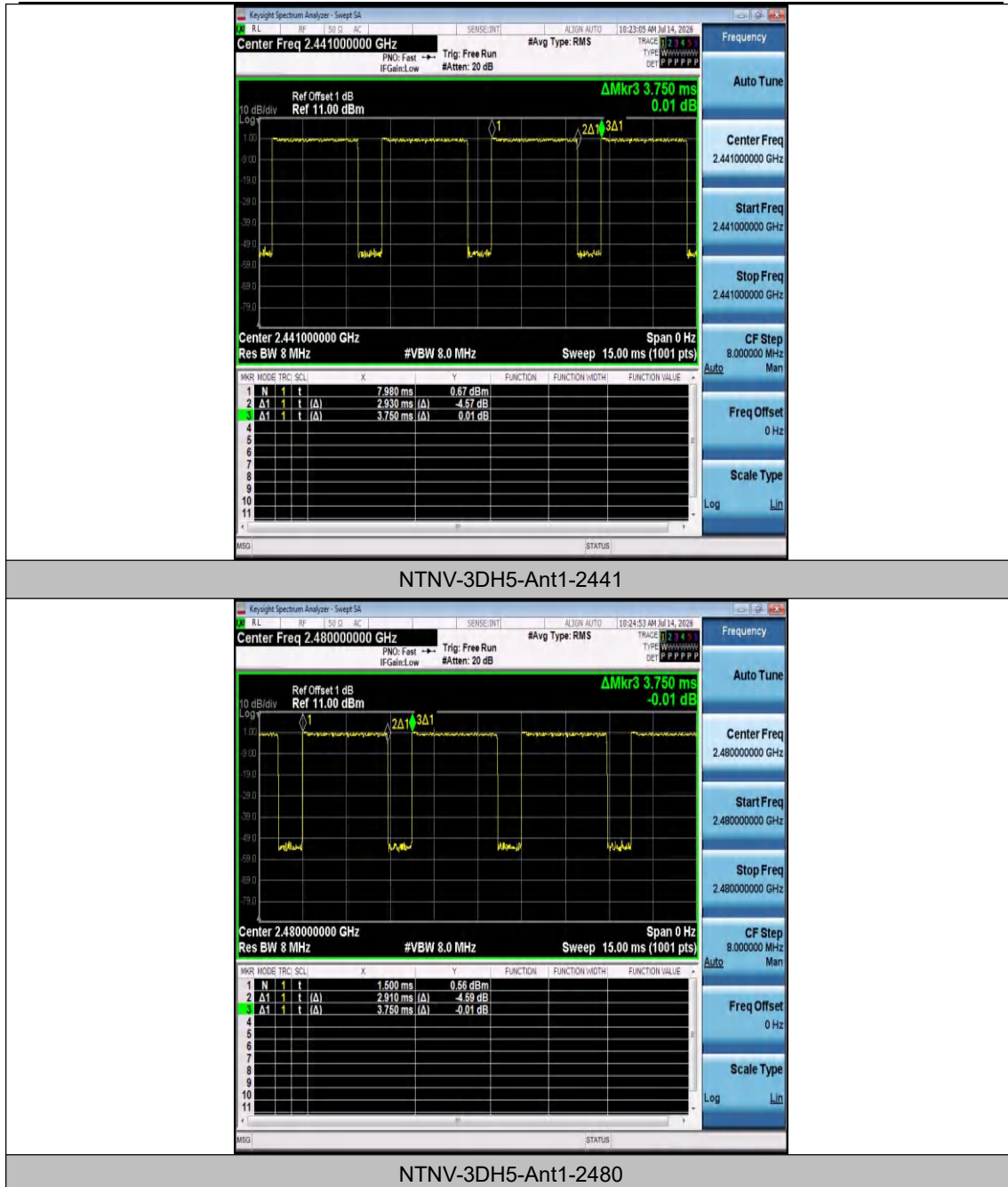
Test Graphs











---End---