

Appendix Test Data

Report No.:	1819C60035512501-01	Test Sample No.:	1-2-2
Start Test Date:	2026-4-7	Finish Test Date:	2026-4-10
Test Engineer:	Pearl Ao	Auditor:	Justin Feng
Temperature:	24.5°C	Relative Humidity:	55%
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	0.948	2401.532	2402.480	---	---
DH5	Ant1	2441	0.948	2440.523	2441.471	---	---
DH5	Ant1	2480	0.936	2479.526	2480.462	---	---
2DH5	Ant1	2402	1.338	2401.319	2402.657	---	---
2DH5	Ant1	2441	1.290	2440.352	2441.642	---	---
2DH5	Ant1	2480	1.317	2479.328	2480.645	---	---
3DH5	Ant1	2402	1.314	2401.337	2402.651	---	---
3DH5	Ant1	2441	1.284	2440.343	2441.627	---	---
3DH5	Ant1	2480	1.287	2479.346	2480.633	---	---

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	0.83526	2401.5702	2402.4054	---	---
DH5	Ant1	2441	0.84360	2440.5645	2441.4081	---	---
DH5	Ant1	2480	0.83895	2479.5637	2480.4027	---	---
2DH5	Ant1	2402	1.1889	2401.3966	2402.5855	---	---
2DH5	Ant1	2441	1.1923	2440.3937	2441.5860	---	---
2DH5	Ant1	2480	1.1799	2479.3983	2480.5782	---	---
3DH5	Ant1	2402	1.1810	2401.4050	2402.5860	---	---
3DH5	Ant1	2441	1.1879	2440.3974	2441.5853	---	---
3DH5	Ant1	2480	1.1861	2479.3924	2480.5785	---	---

Test Graphs



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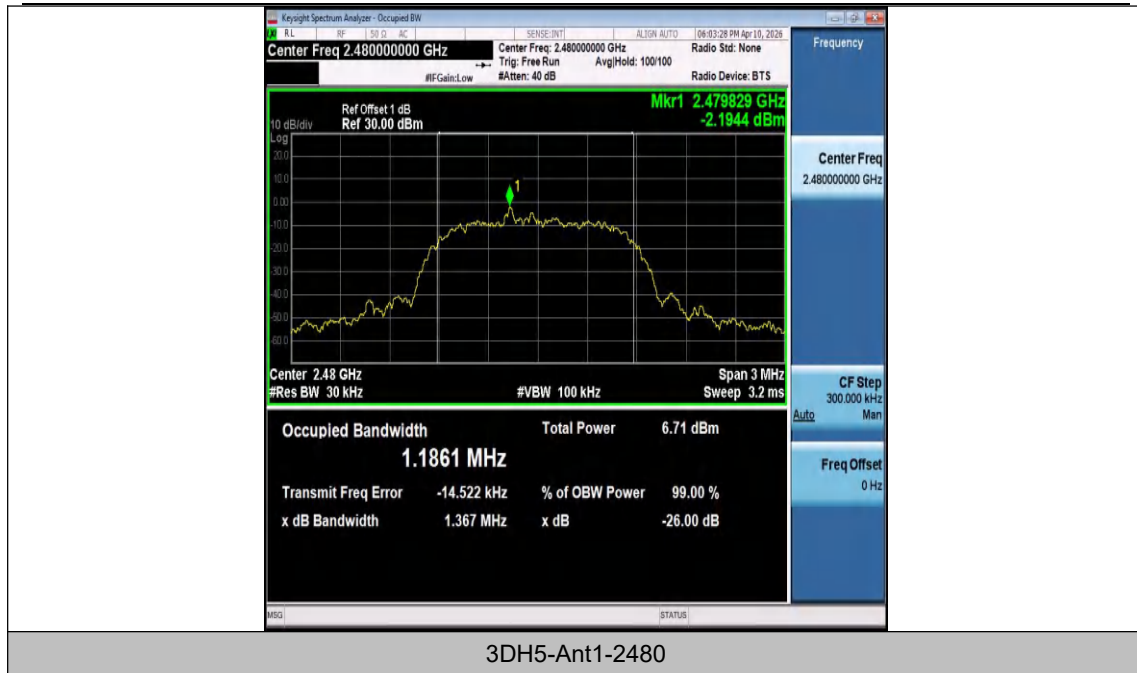
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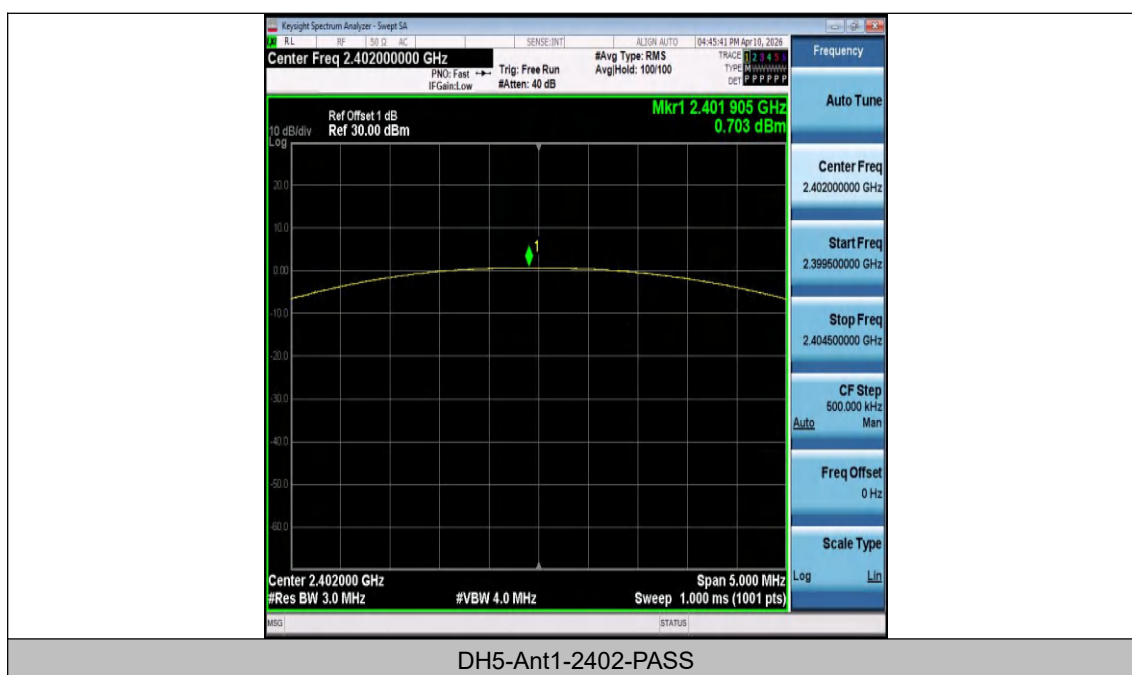
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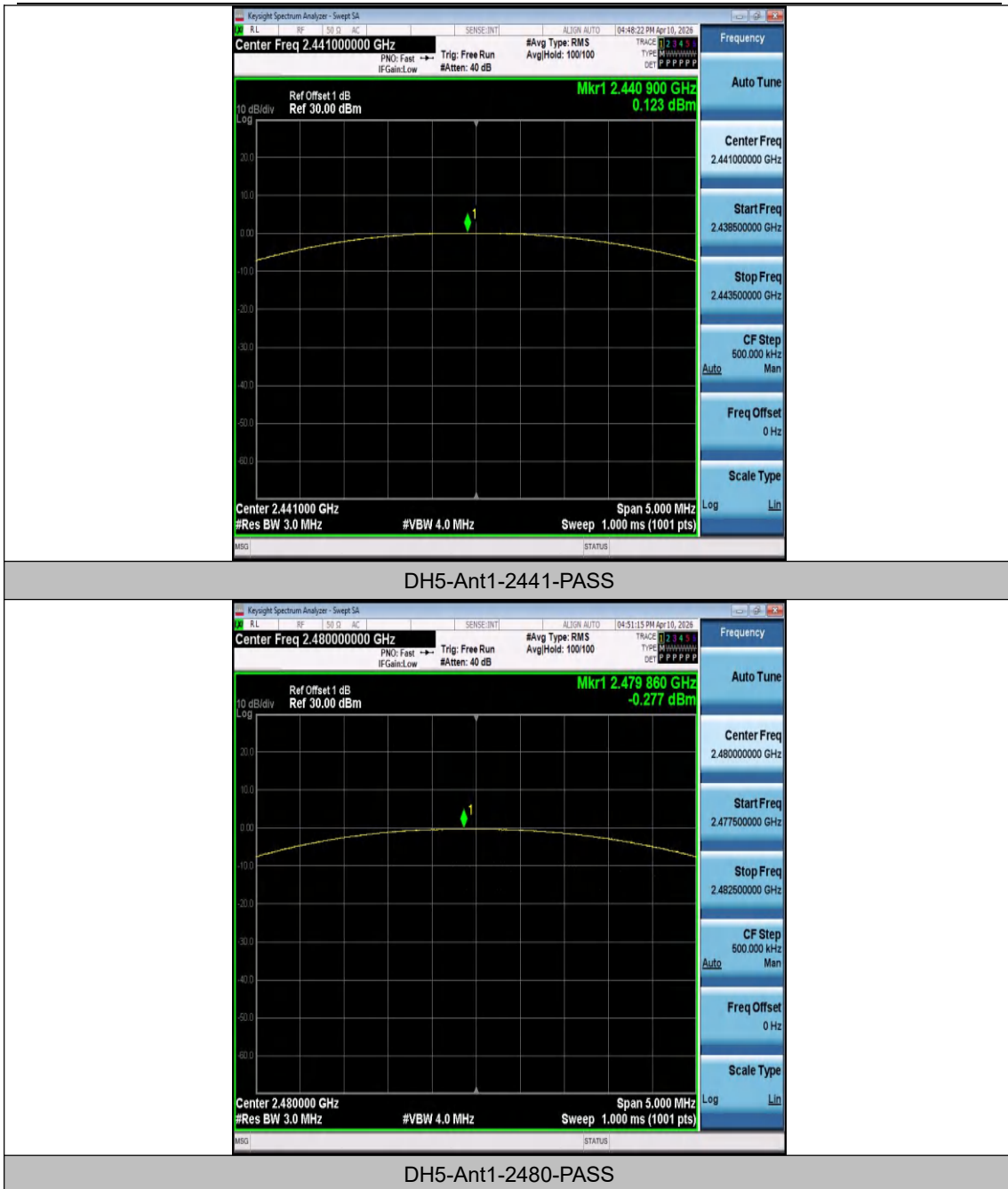
Appendix C: Maximum Conducted Output Power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	0.70	≤20.97	PASS
DH5	Ant1	2441	0.12	≤20.97	PASS
DH5	Ant1	2480	-0.28	≤20.97	PASS
2DH5	Ant1	2402	2.86	≤20.97	PASS
2DH5	Ant1	2441	2.29	≤20.97	PASS
2DH5	Ant1	2480	2.00	≤20.97	PASS
3DH5	Ant1	2402	3.26	≤20.97	PASS
3DH5	Ant1	2441	2.79	≤20.97	PASS
3DH5	Ant1	2480	2.40	≤20.97	PASS

Test Graphs

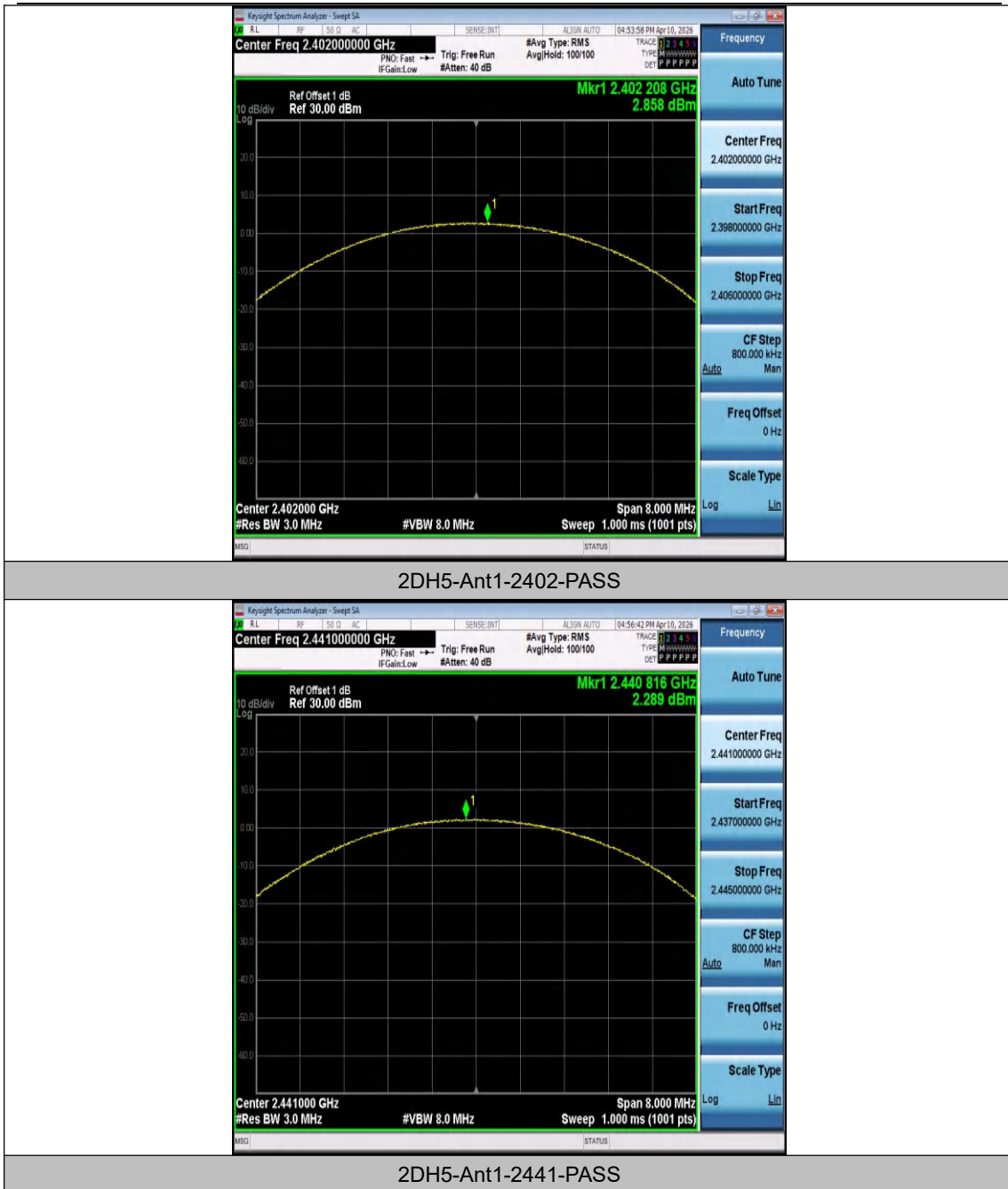




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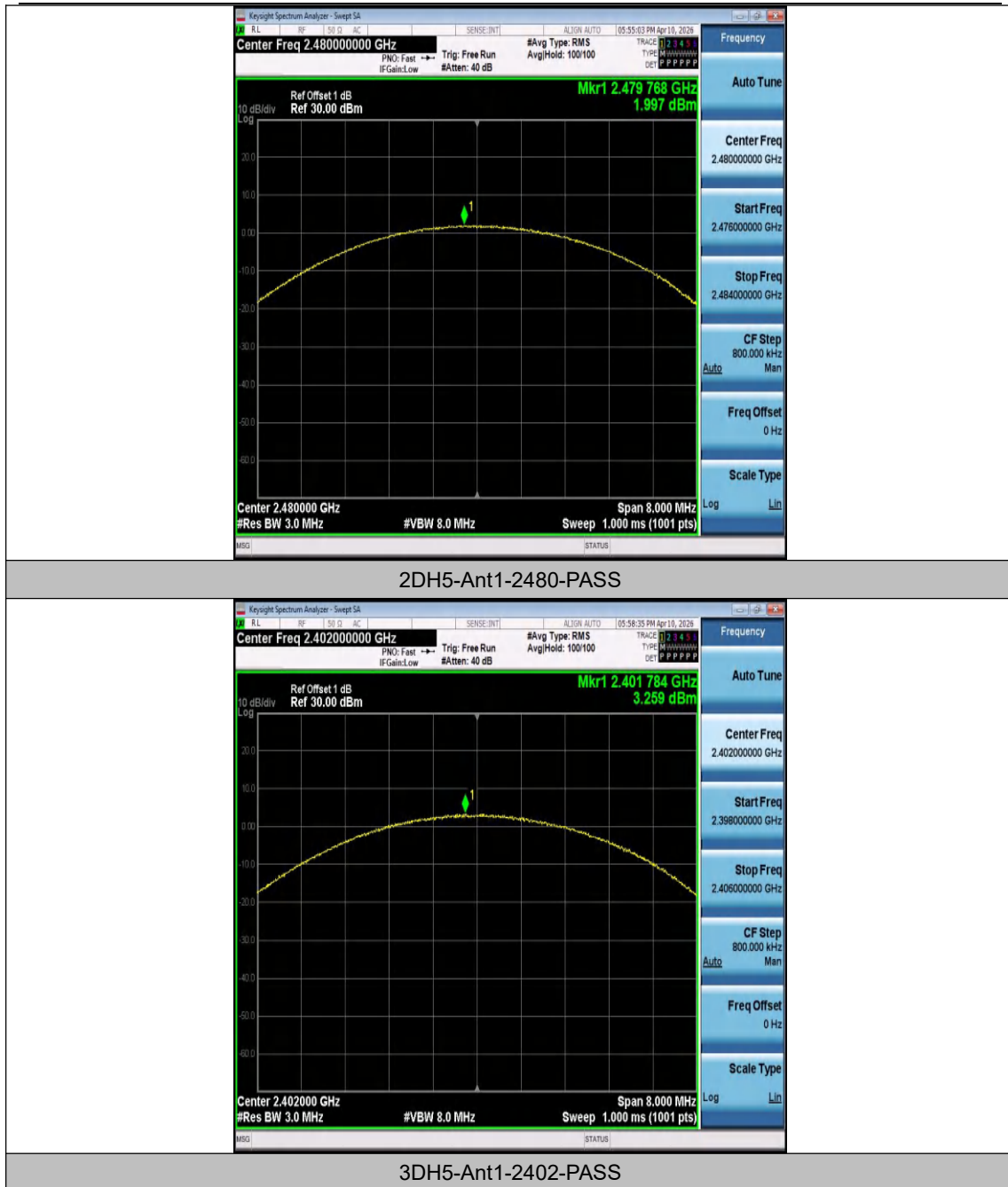
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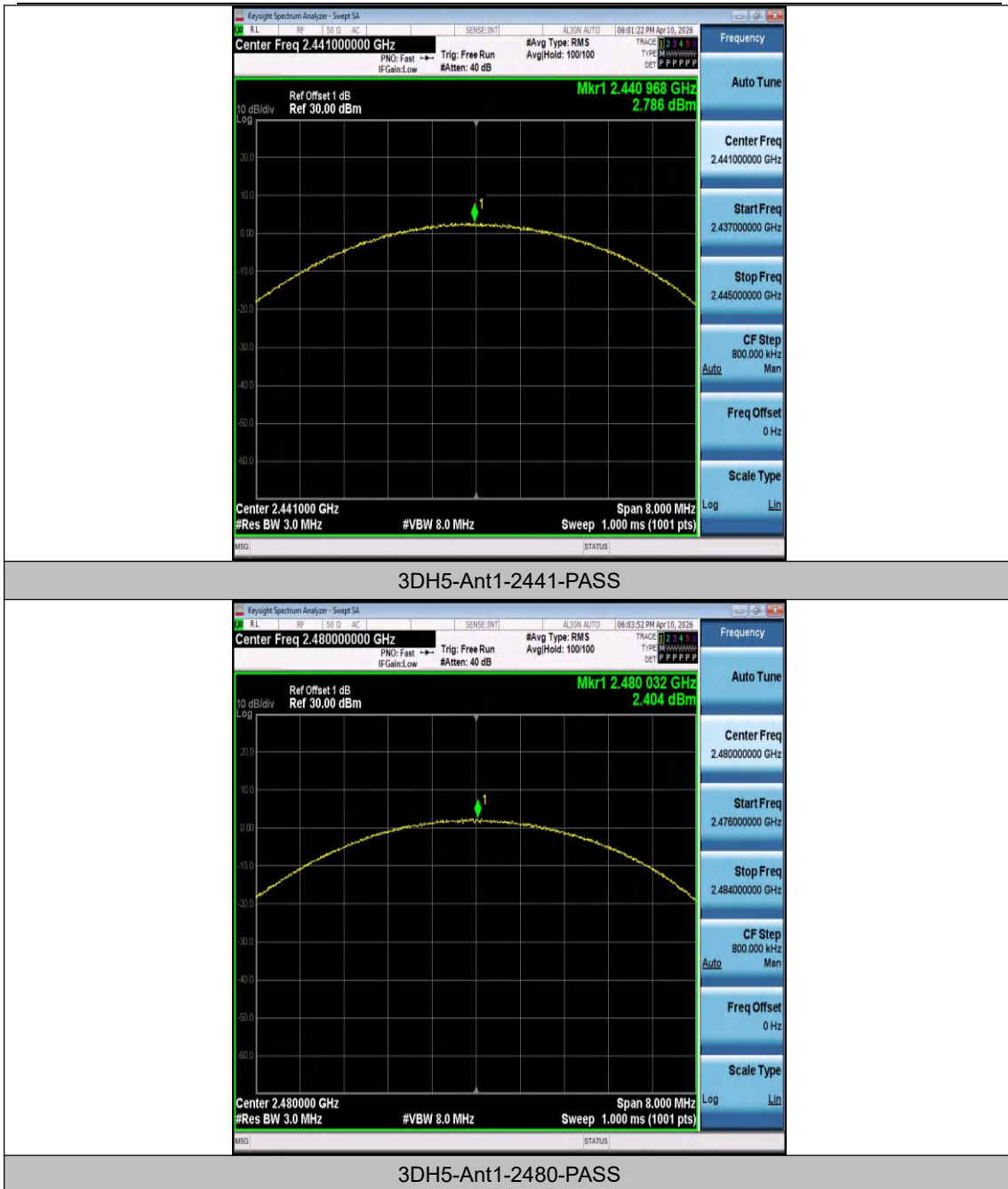
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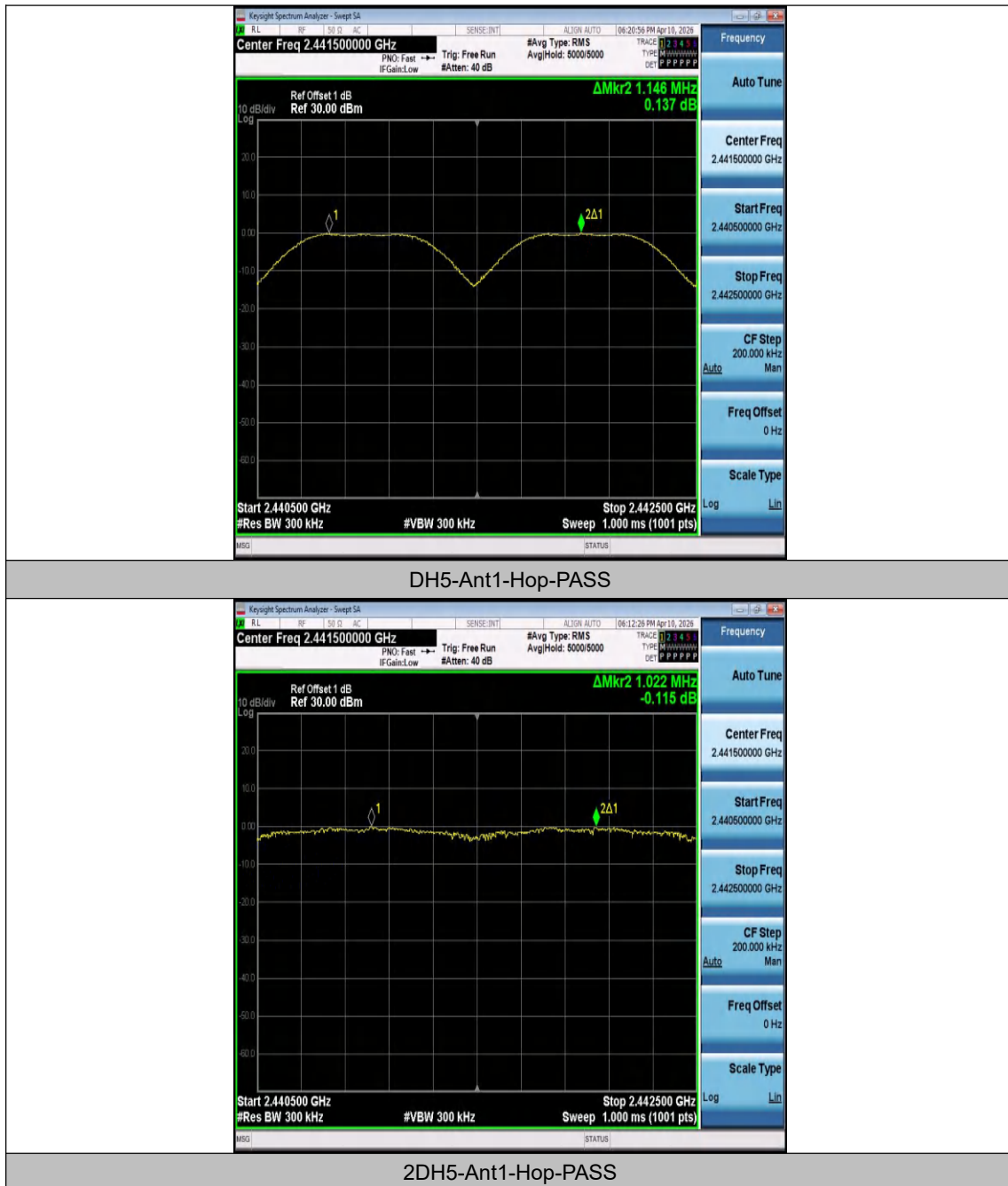
Appendix D: Carrier frequency separation

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.146	≥ 0.632	PASS
2DH5	Ant1	Hop	1.022	≥ 0.892	PASS
3DH5	Ant1	Hop	1.152	≥ 0.876	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.

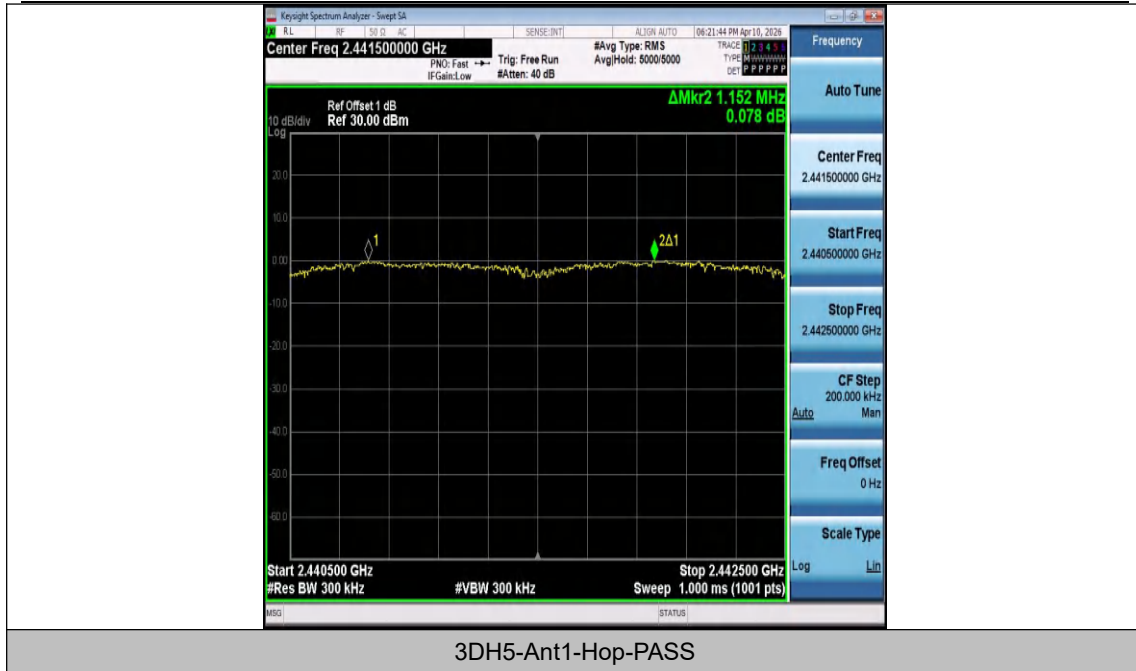
Test Graphs



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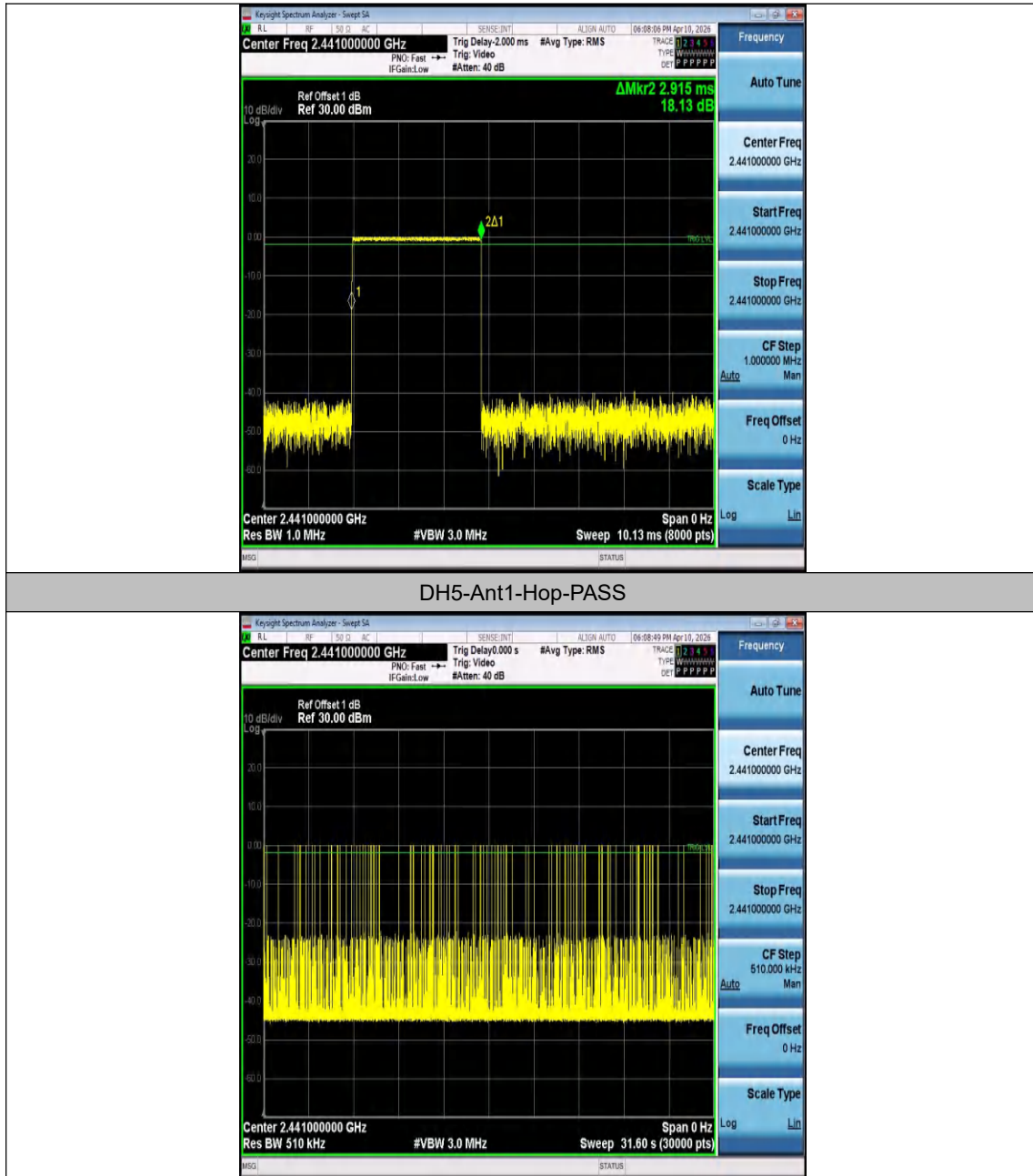
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Appendix E: Dwell Time

Test Result

Test Mode	Antenna	Frequency [MHz]	Burst Width [ms]	Total Hops [Num]	Result [s]	Limit [s]	Verdict
DH5	Ant1	Hop	2.915	107	0.312	≤0.4	PASS
2DH5	Ant1	Hop	2.921	101	0.295	≤0.4	PASS
3DH5	Ant1	Hop	2.922	96	0.281	≤0.4	PASS

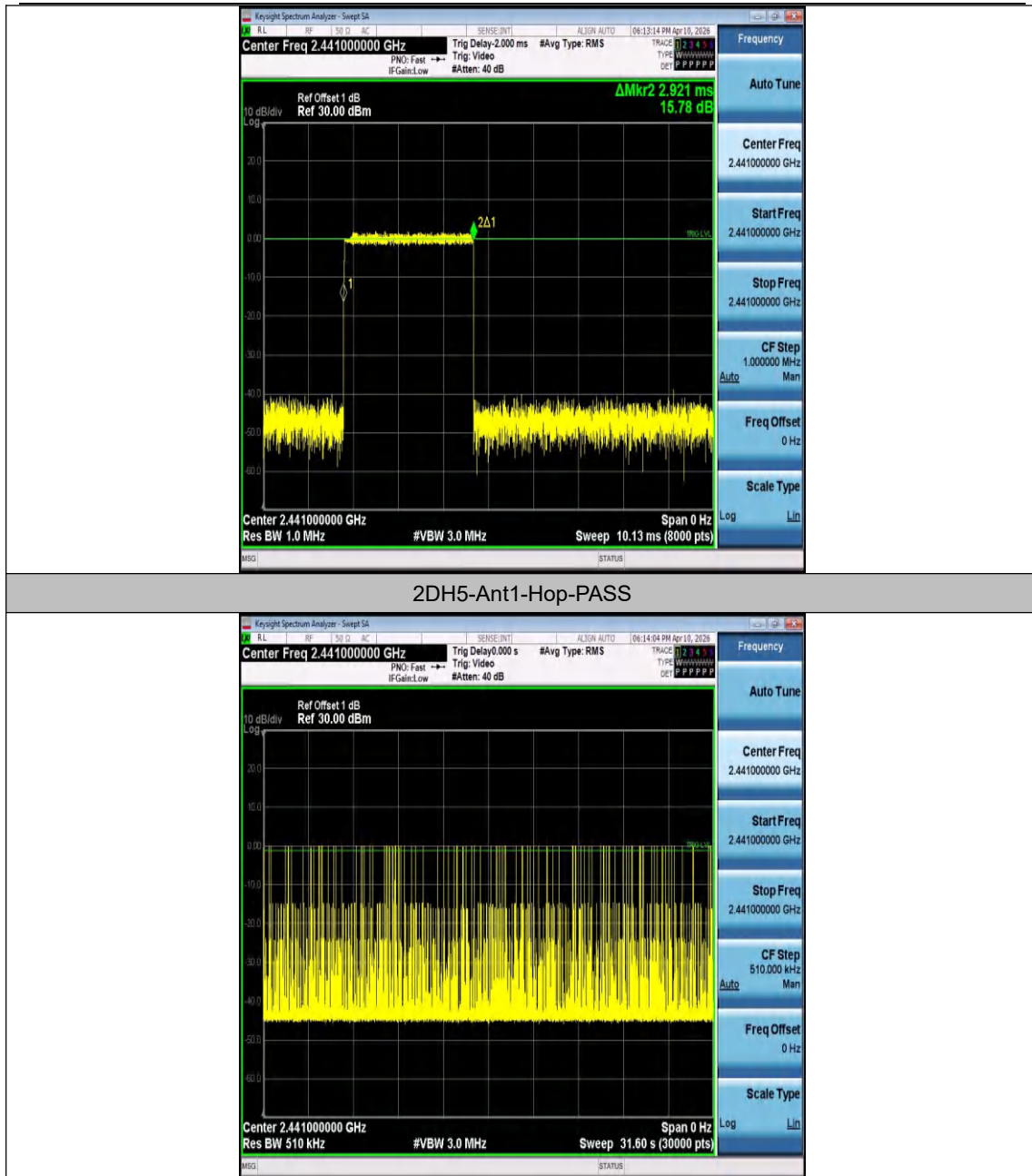
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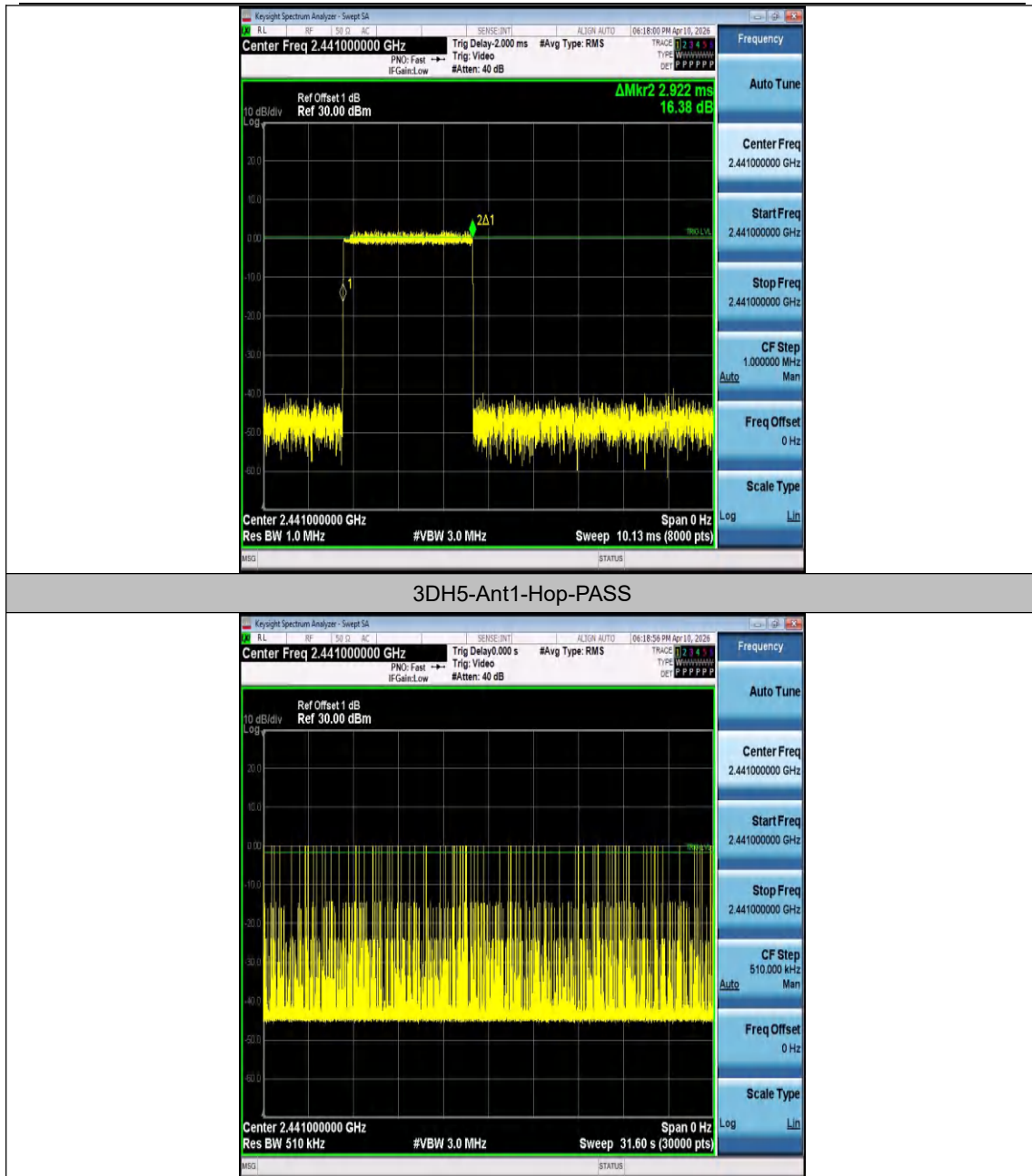
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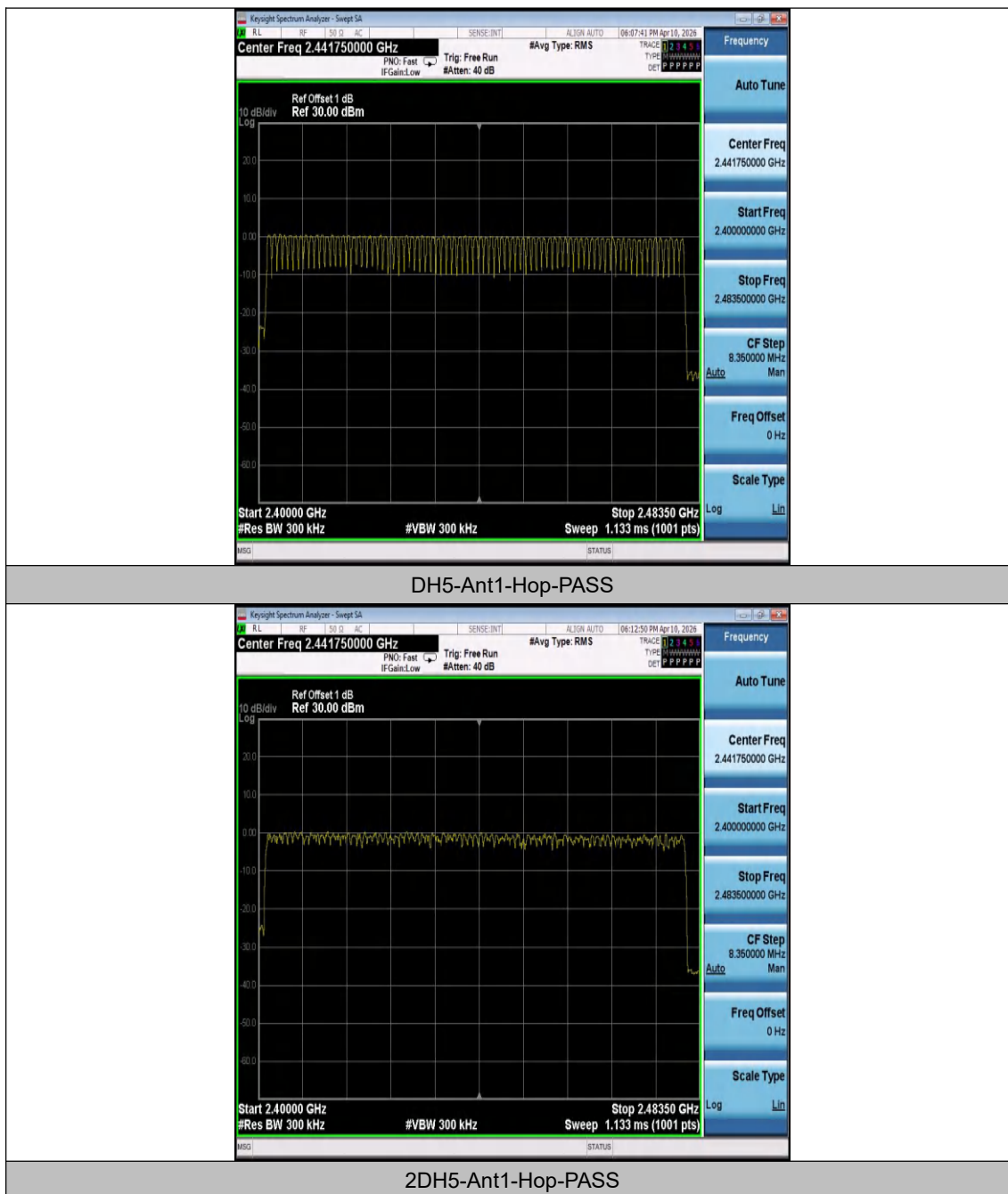
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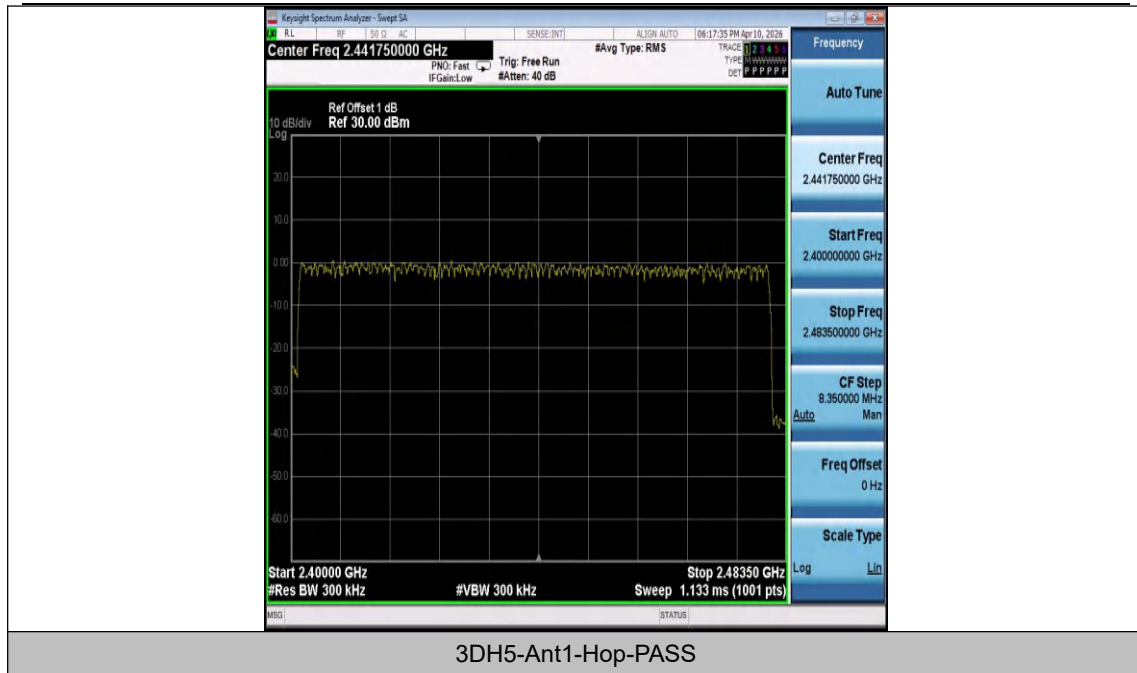
Appendix F: Number of Hopping Channel

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

Test Graphs





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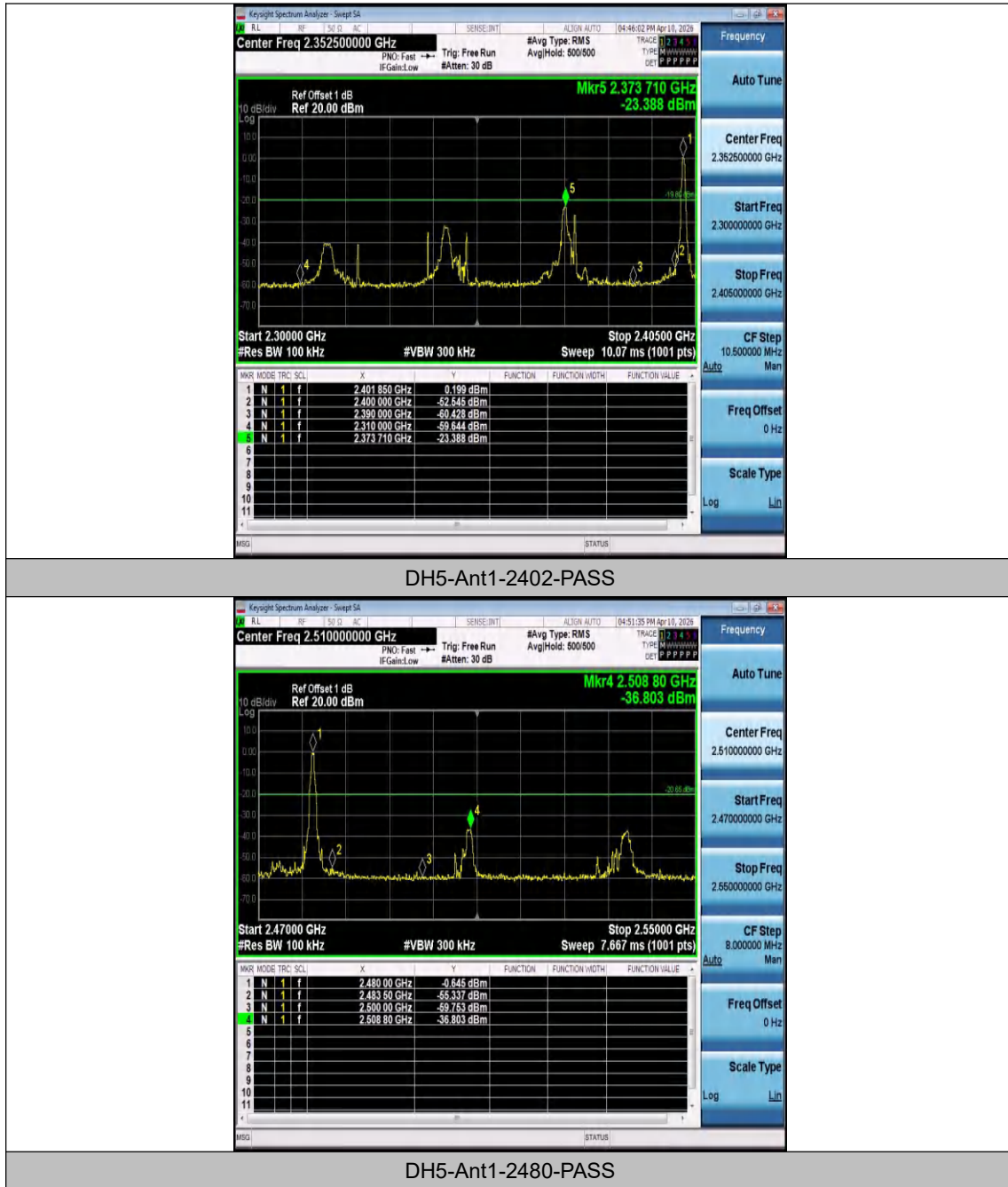
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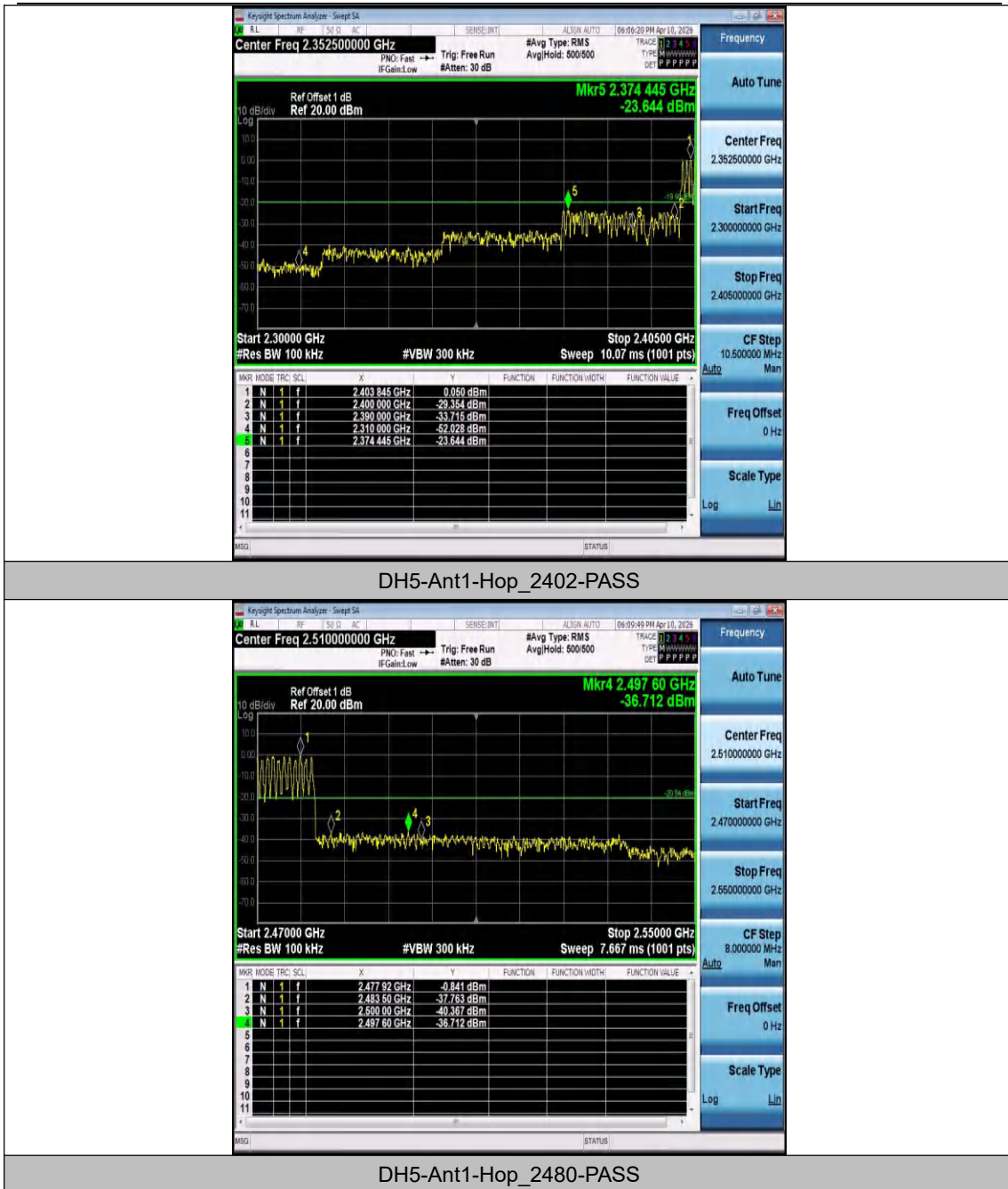
Appendix G: Conducted Band edge

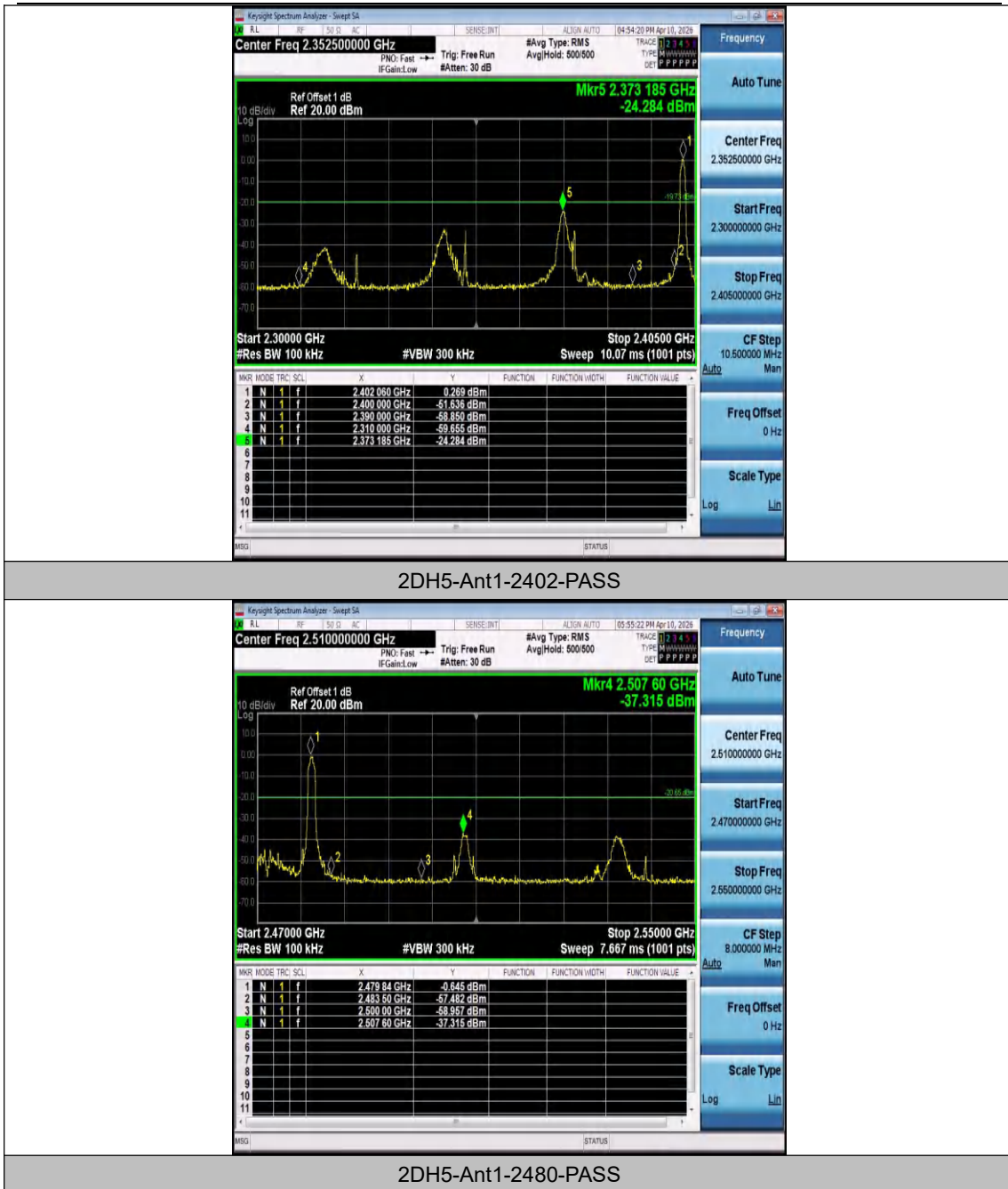
Test Result

Test Mode	Antenna	Ch. Name	Frequency [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	0.20	-23.39	≤-19.8	PASS
DH5	Ant1	High	2480	-0.65	-36.8	≤-20.65	PASS
DH5	Ant1	Low	Hop_2402	0.05	-23.64	≤-19.95	PASS
DH5	Ant1	High	Hop_2480	-0.84	-36.71	≤-20.84	PASS
2DH5	Ant1	Low	2402	0.27	-24.28	≤-19.73	PASS
2DH5	Ant1	High	2480	-0.65	-37.32	≤-20.65	PASS
2DH5	Ant1	Low	Hop_2402	-2.50	-25.15	≤-22.5	PASS
2DH5	Ant1	High	Hop_2480	-2.10	-37.9	≤-22.1	PASS
3DH5	Ant1	Low	2402	0.24	-23.79	≤-19.76	PASS
3DH5	Ant1	High	2480	-0.75	-36.68	≤-20.75	PASS
3DH5	Ant1	Low	Hop_2402	-2.88	-25.16	≤-22.88	PASS
3DH5	Ant1	High	Hop_2480	-0.70	-37.1	≤-20.7	PASS

Test Graphs



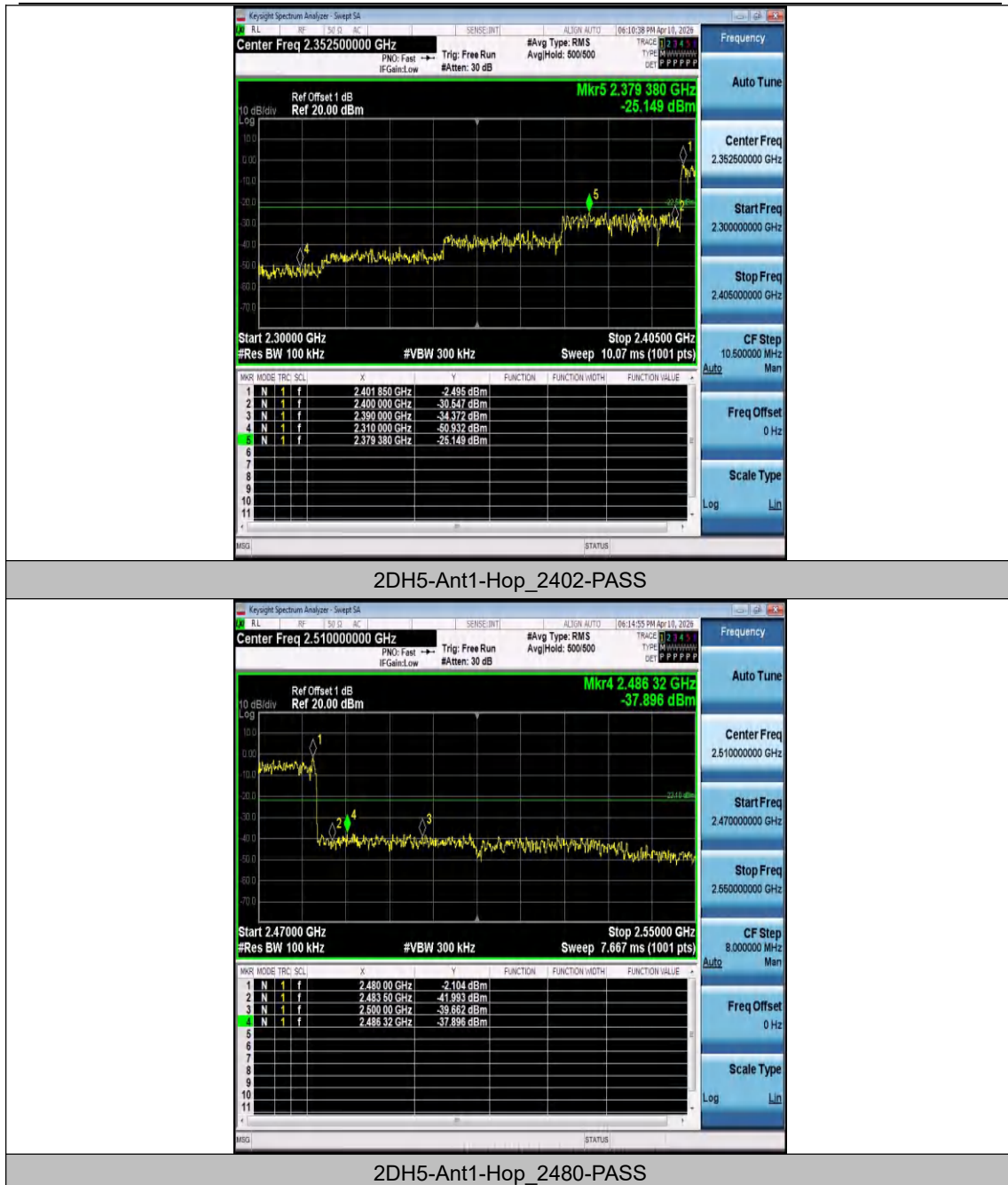




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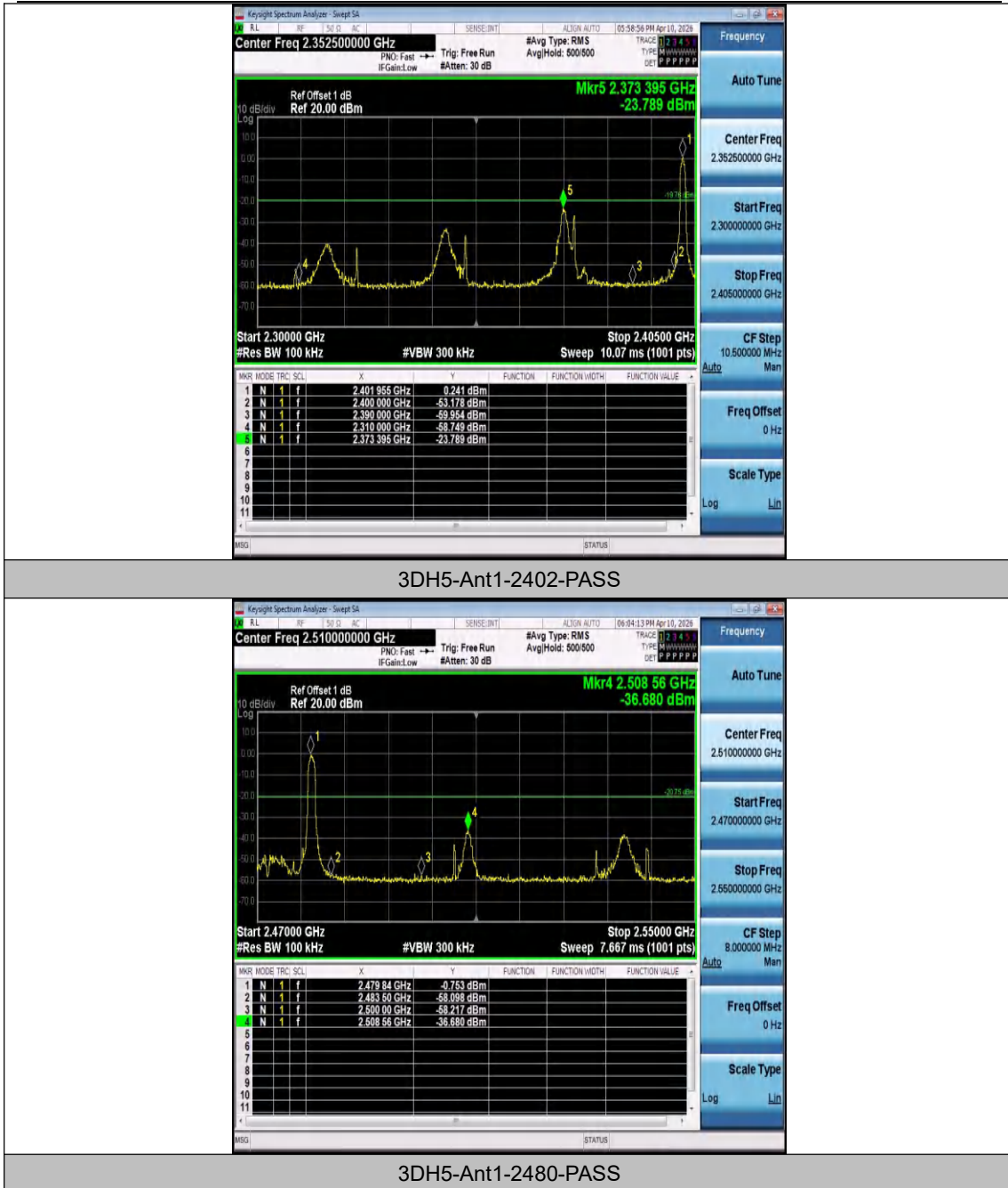
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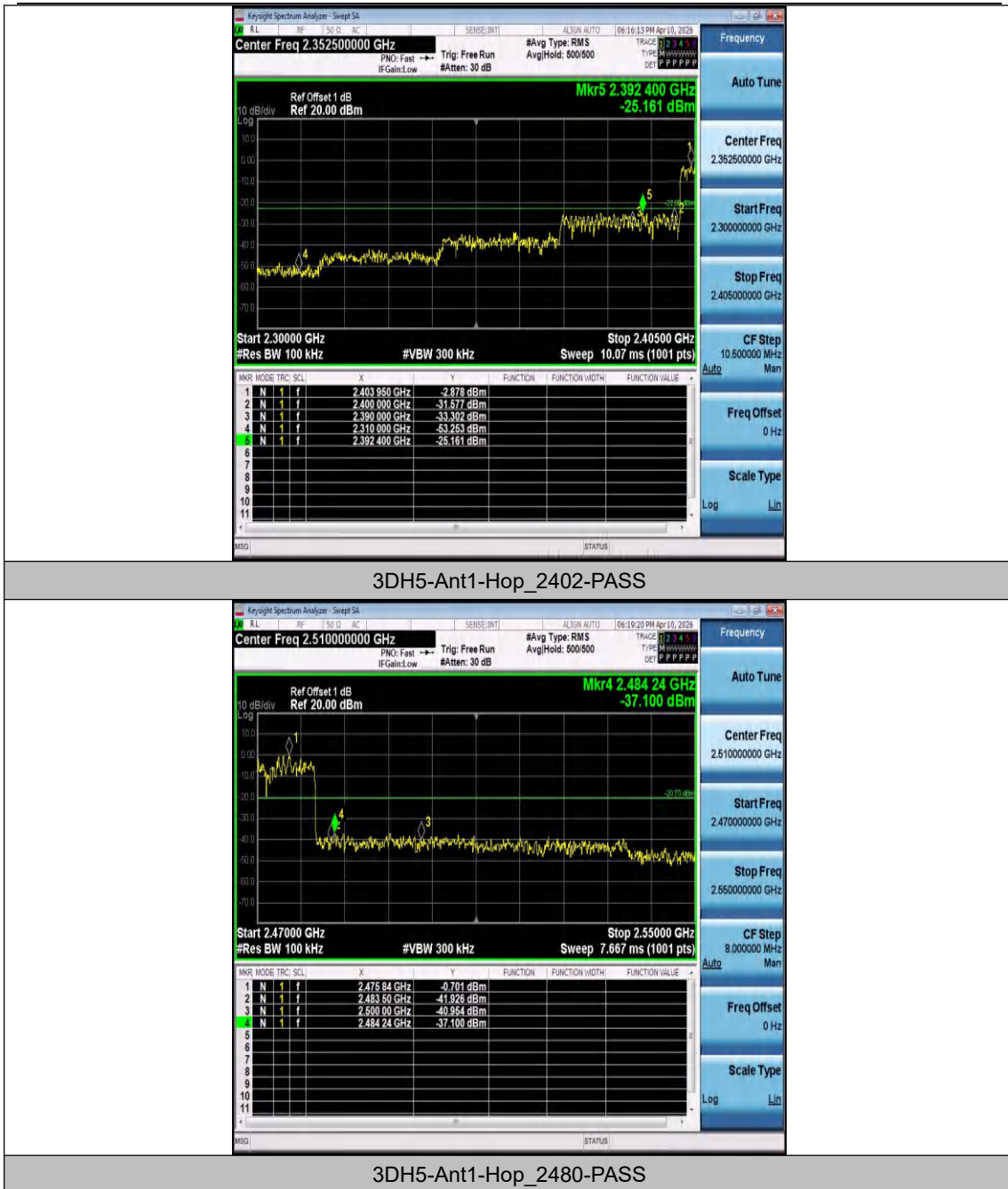
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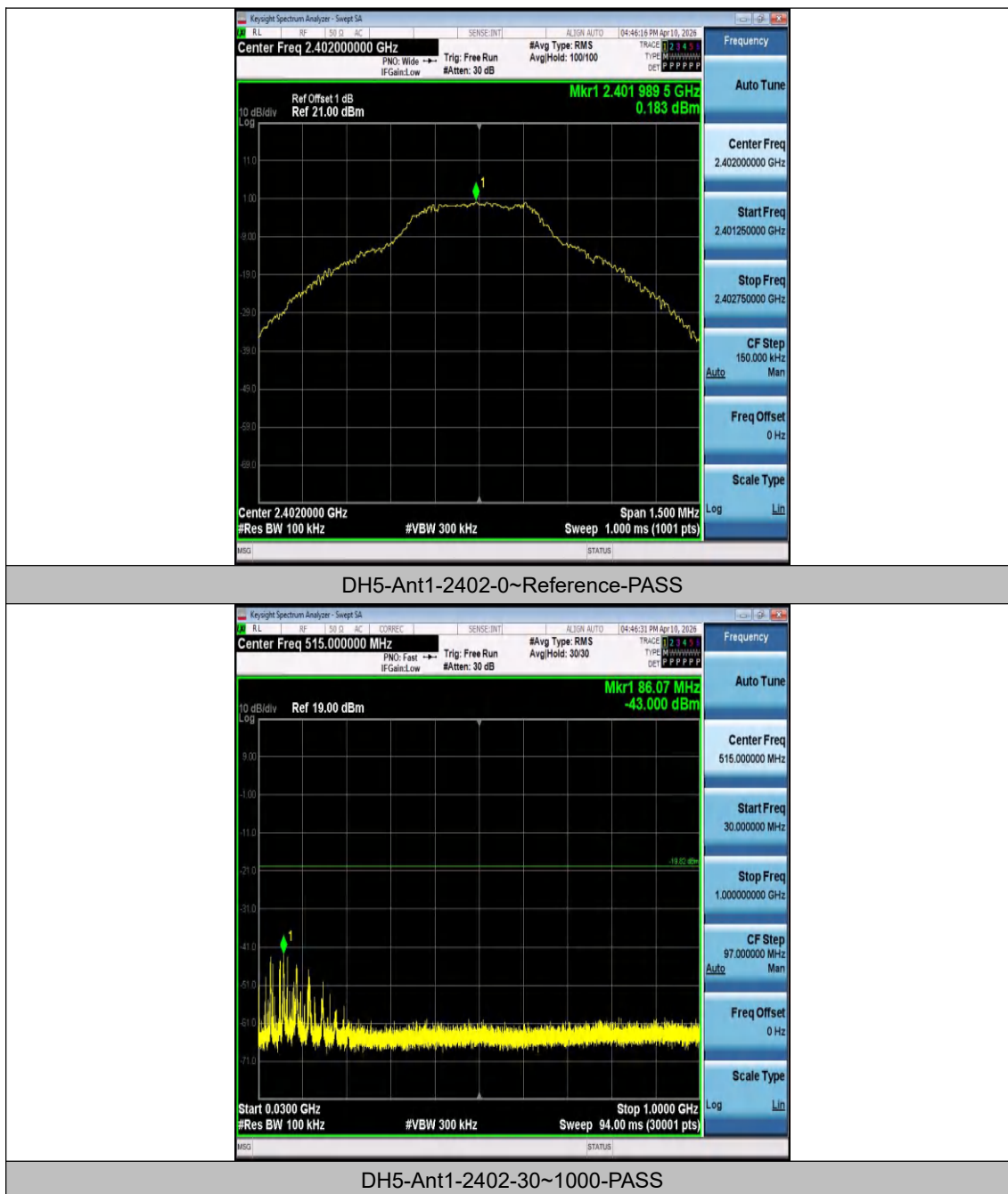
Appendix H: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency[MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	0~Reference	0.18	0.18	---	PASS
DH5	Ant1	2402	30~1000	0.18	-43	≤-19.82	PASS
DH5	Ant1	2402	1000~26500	0.18	-34.72	≤-19.82	PASS
DH5	Ant1	2441	0~Reference	-0.32	-0.32	---	PASS
DH5	Ant1	2441	30~1000	-0.32	-43.45	≤-20.32	PASS
DH5	Ant1	2441	1000~26500	-0.32	-34.99	≤-20.32	PASS
DH5	Ant1	2480	0~Reference	-0.72	-0.72	---	PASS
DH5	Ant1	2480	30~1000	-0.72	-42.49	≤-20.72	PASS
DH5	Ant1	2480	1000~26500	-0.72	-37.49	≤-20.72	PASS
2DH5	Ant1	2402	0~Reference	-0.15	-0.15	---	PASS
2DH5	Ant1	2402	30~1000	-0.15	-43.22	≤-20.15	PASS
2DH5	Ant1	2402	1000~26500	-0.15	-36.31	≤-20.15	PASS
2DH5	Ant1	2441	0~Reference	-0.36	-0.36	---	PASS
2DH5	Ant1	2441	30~1000	-0.36	-40.61	≤-20.36	PASS
2DH5	Ant1	2441	1000~26500	-0.36	-38.72	≤-20.36	PASS
2DH5	Ant1	2480	0~Reference	-1.13	-1.13	---	PASS
2DH5	Ant1	2480	30~1000	-1.13	-44.35	≤-21.13	PASS
2DH5	Ant1	2480	1000~26500	-1.13	-35.69	≤-21.13	PASS
3DH5	Ant1	2402	0~Reference	0.07	0.07	---	PASS
3DH5	Ant1	2402	30~1000	0.07	-43.52	≤-19.93	PASS
3DH5	Ant1	2402	1000~26500	0.07	-36.35	≤-19.93	PASS
3DH5	Ant1	2441	0~Reference	-0.39	-0.39	---	PASS
3DH5	Ant1	2441	30~1000	-0.39	-42.94	≤-20.39	PASS
3DH5	Ant1	2441	1000~26500	-0.39	-36.18	≤-20.39	PASS
3DH5	Ant1	2480	0~Reference	-0.91	-0.91	---	PASS
3DH5	Ant1	2480	30~1000	-0.91	-43.15	≤-20.91	PASS
3DH5	Ant1	2480	1000~26500	-0.91	-38.55	≤-20.91	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.

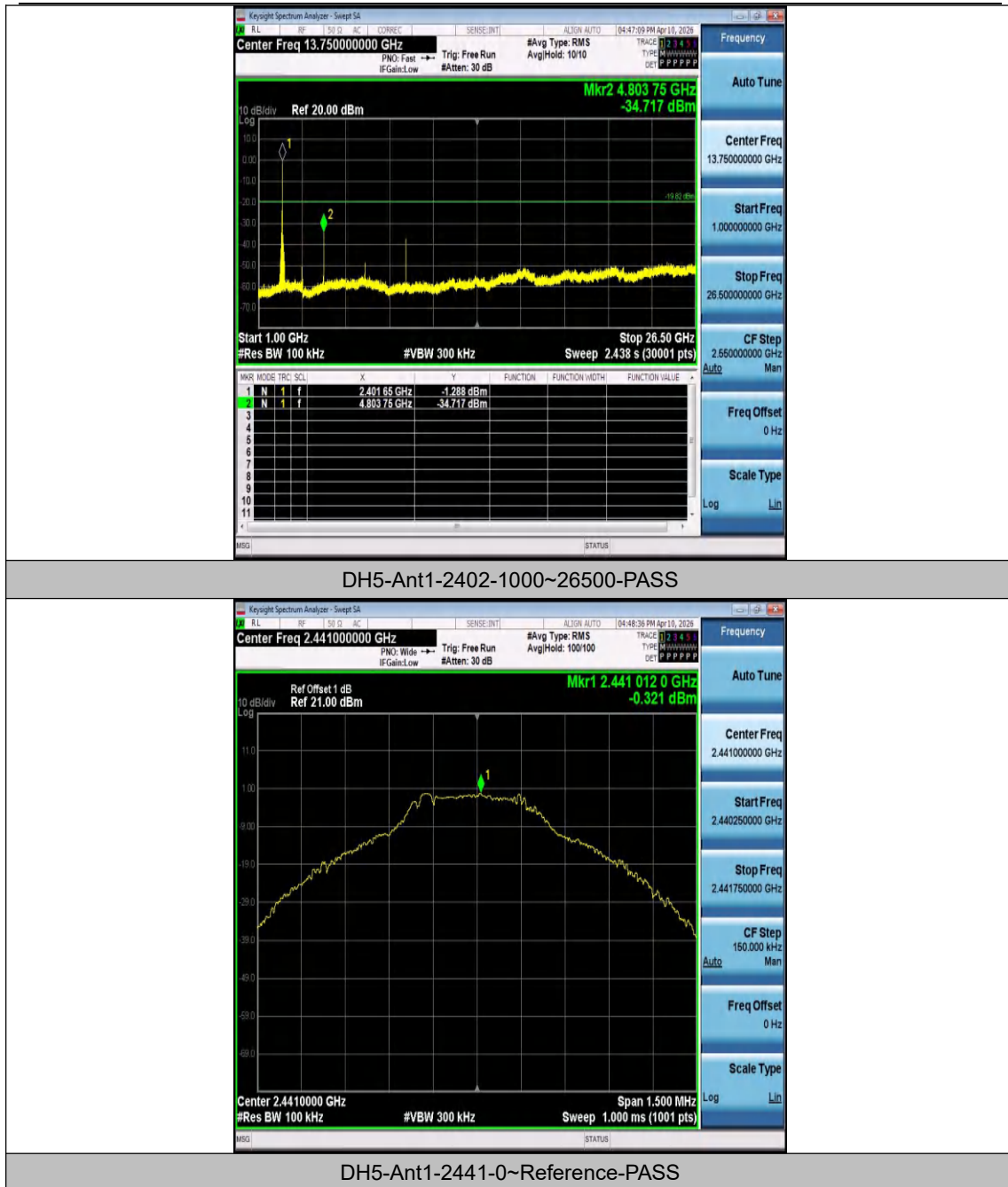
Test Graphs



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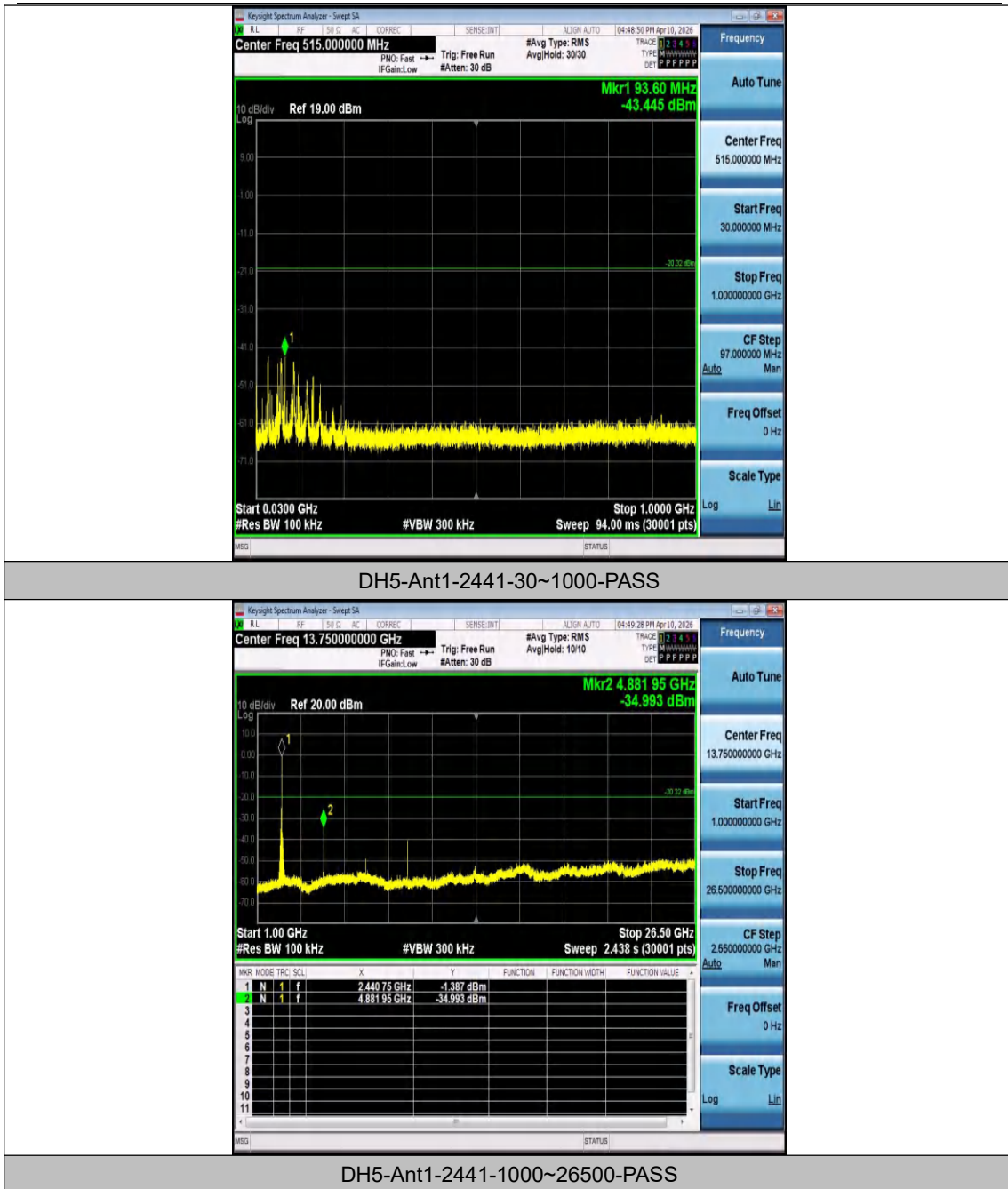
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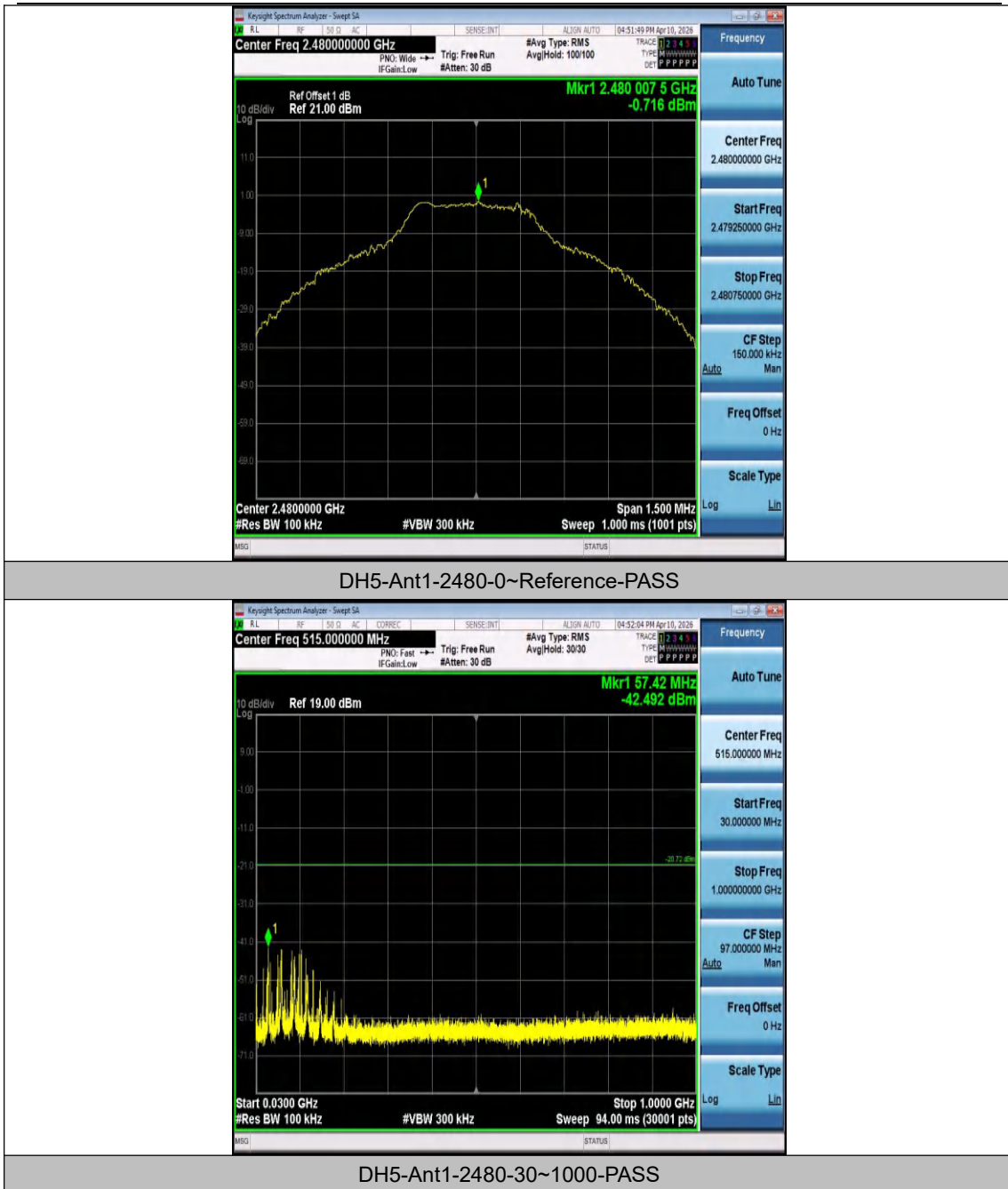
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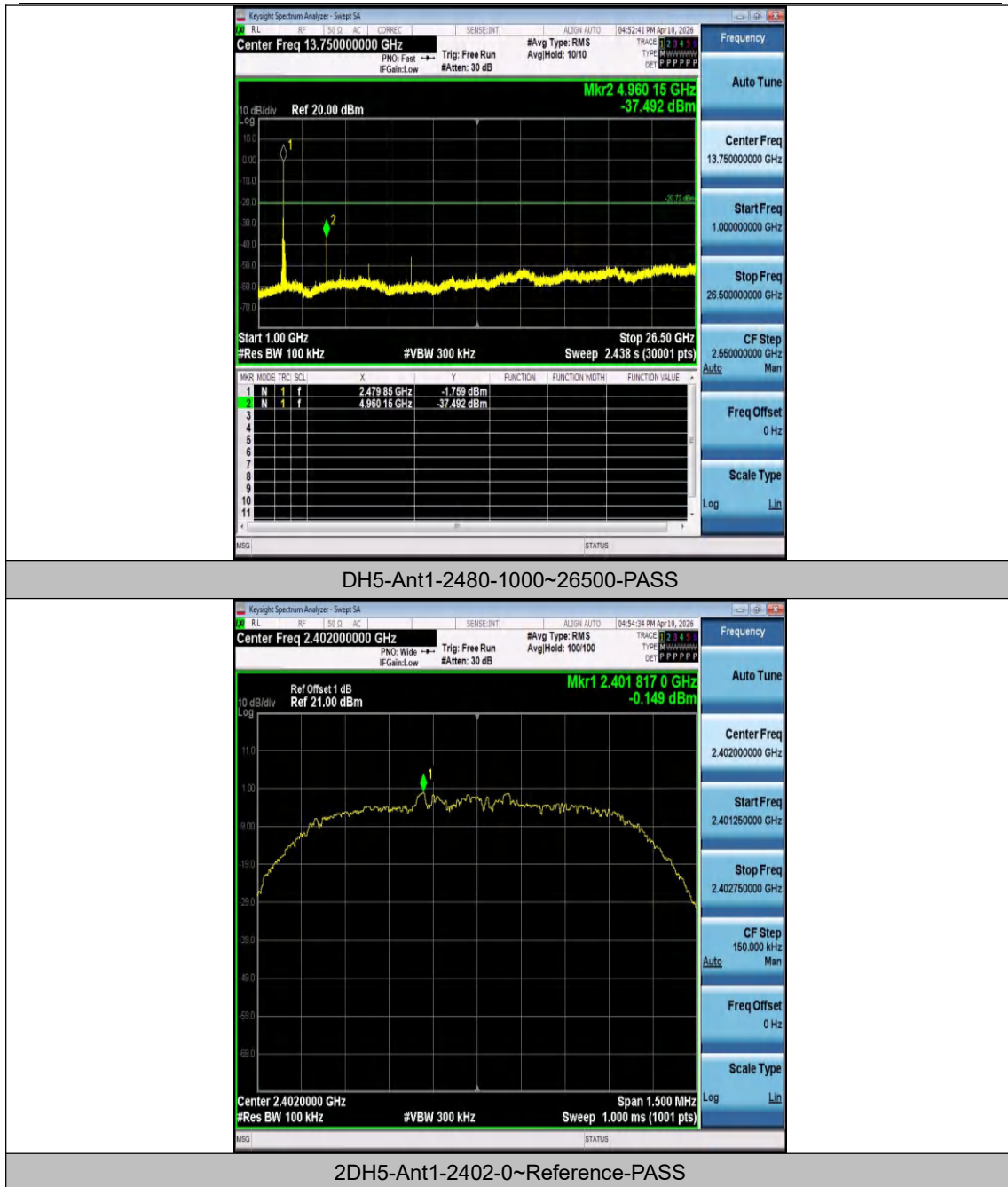
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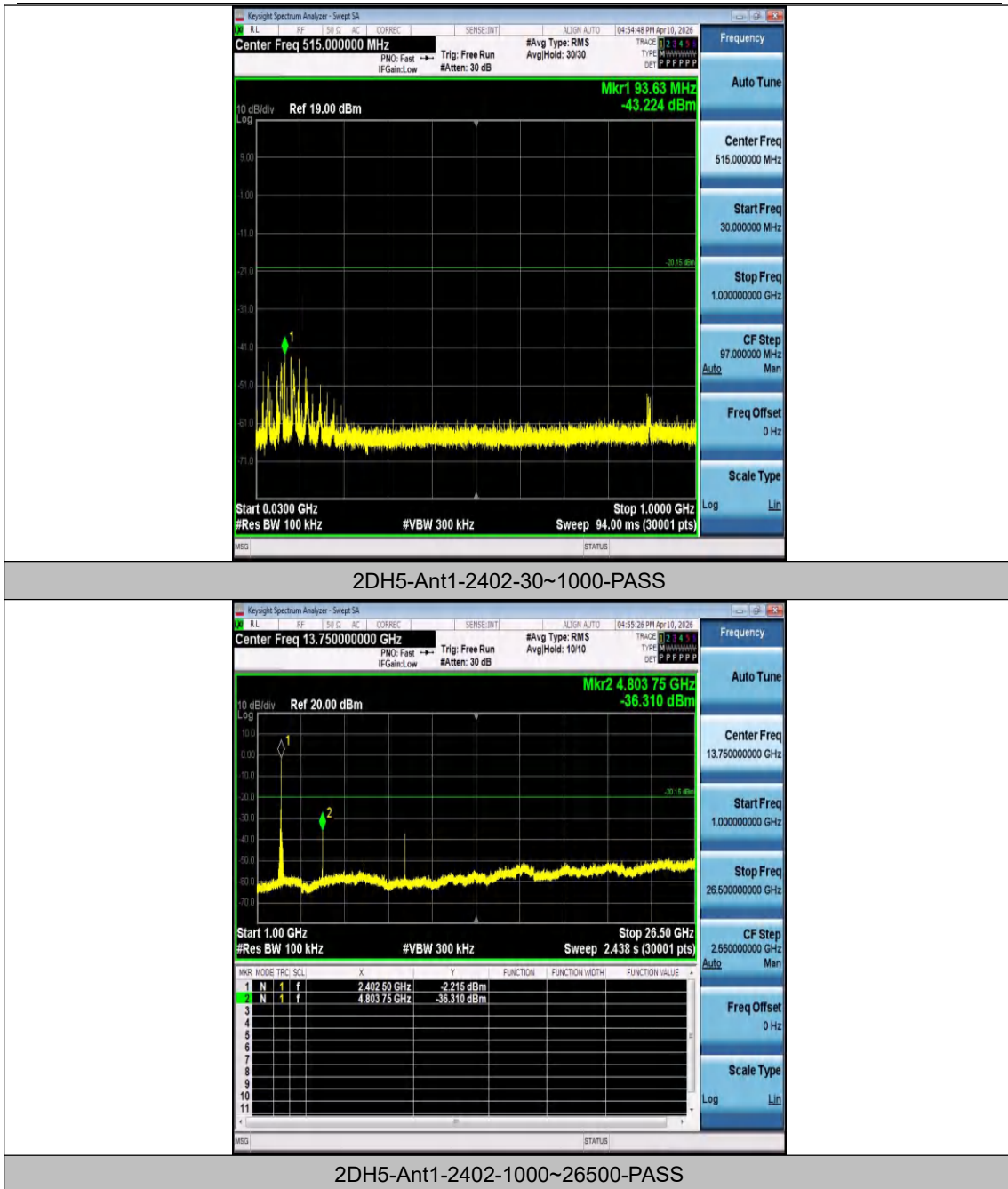
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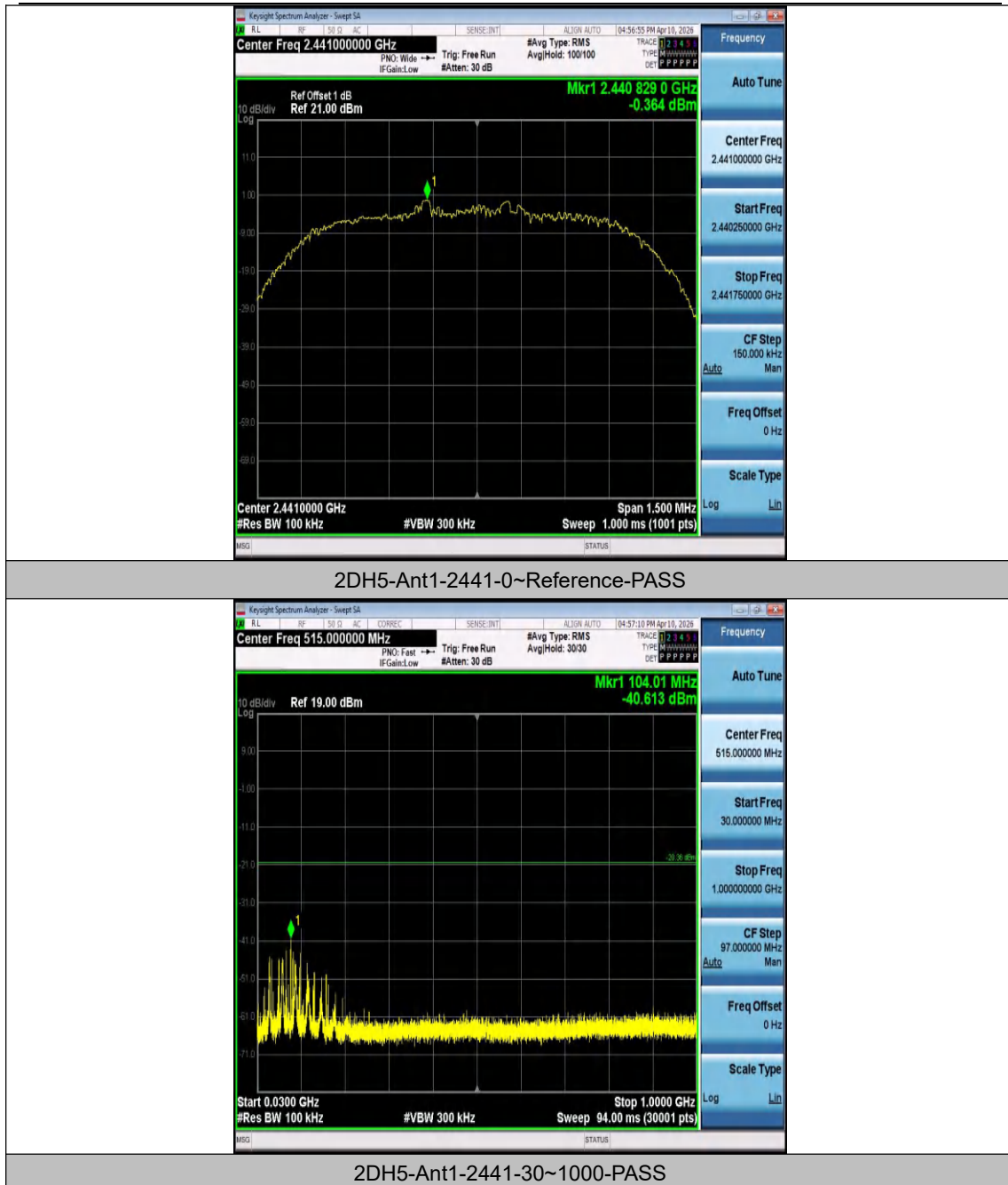
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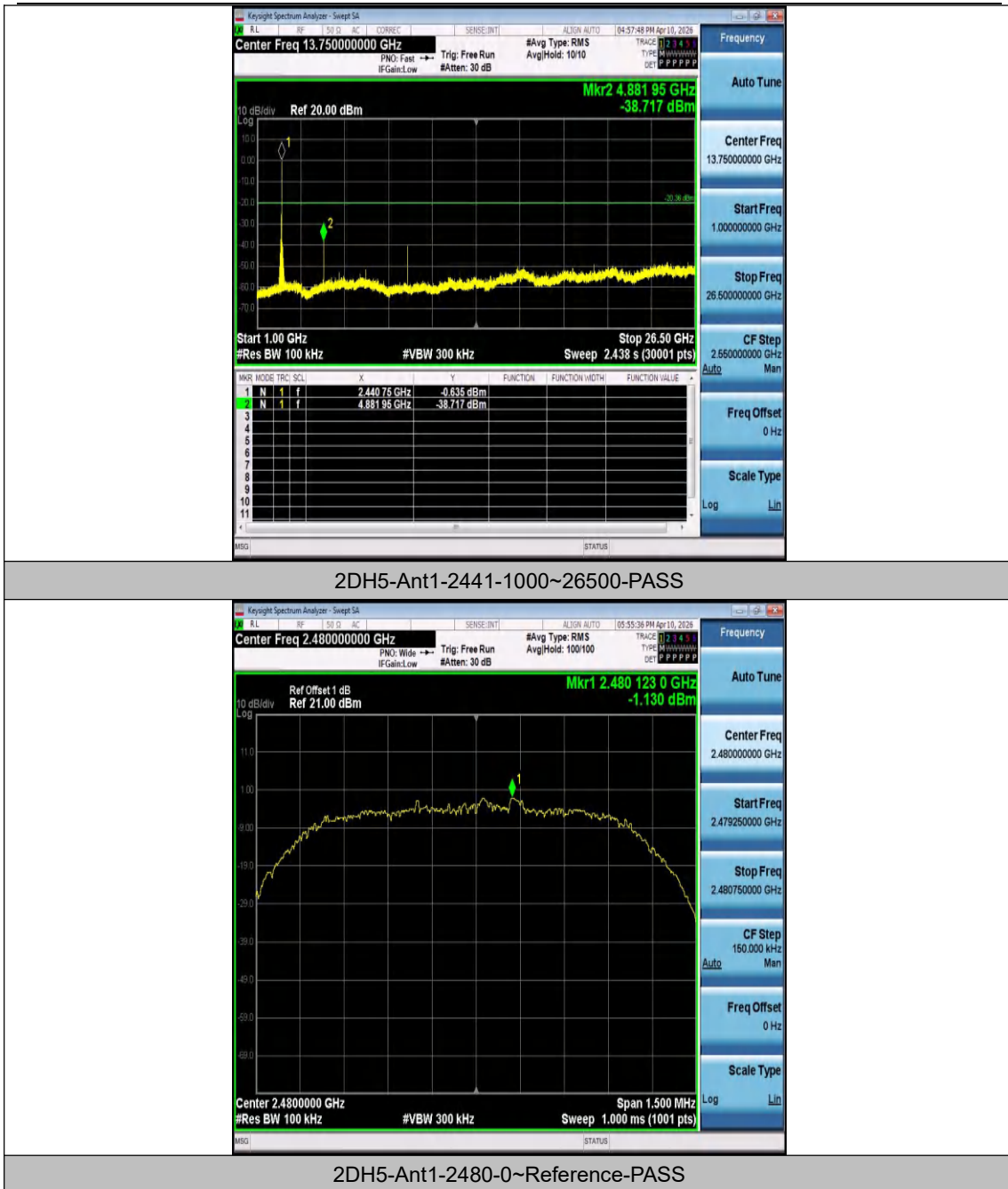
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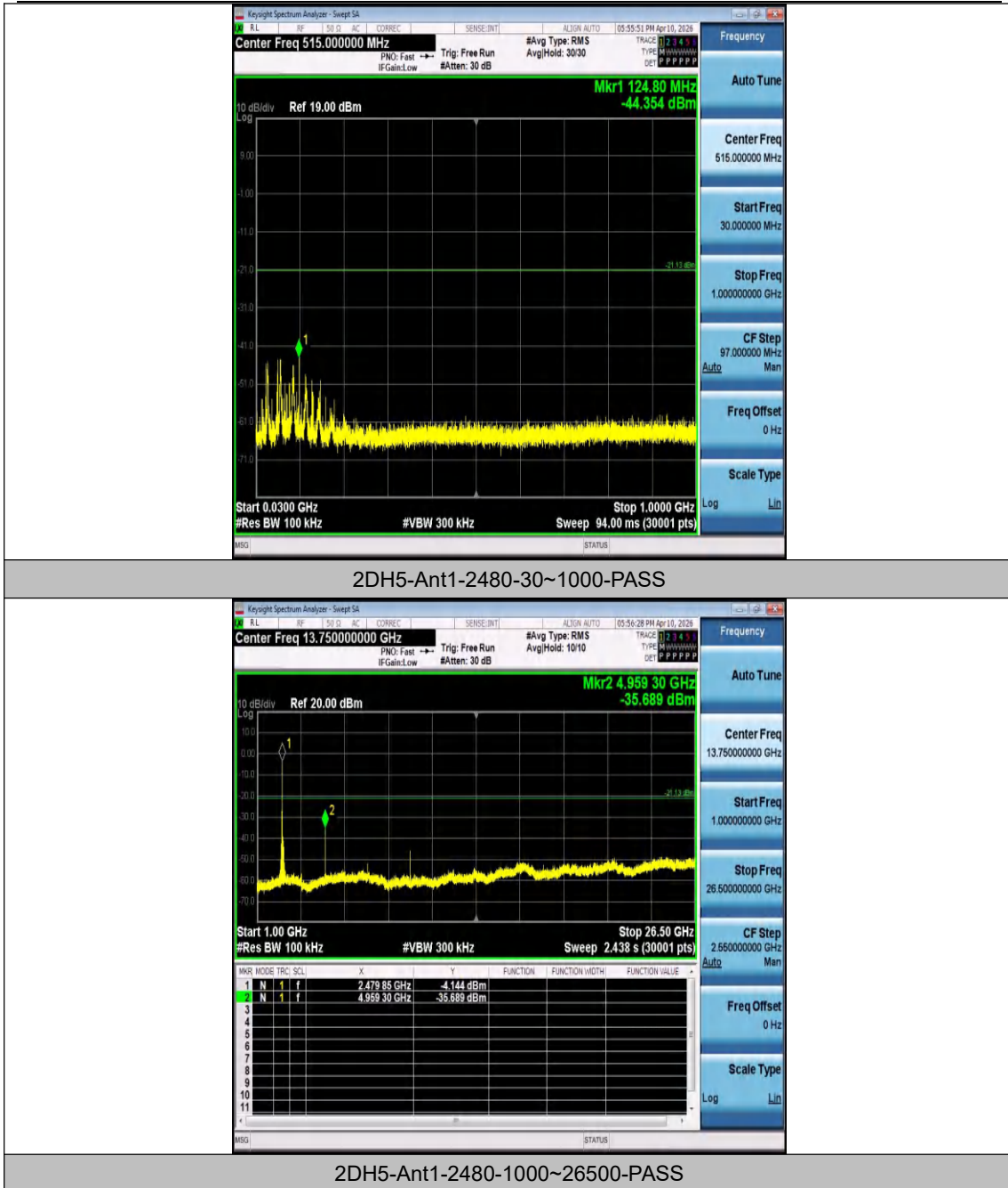
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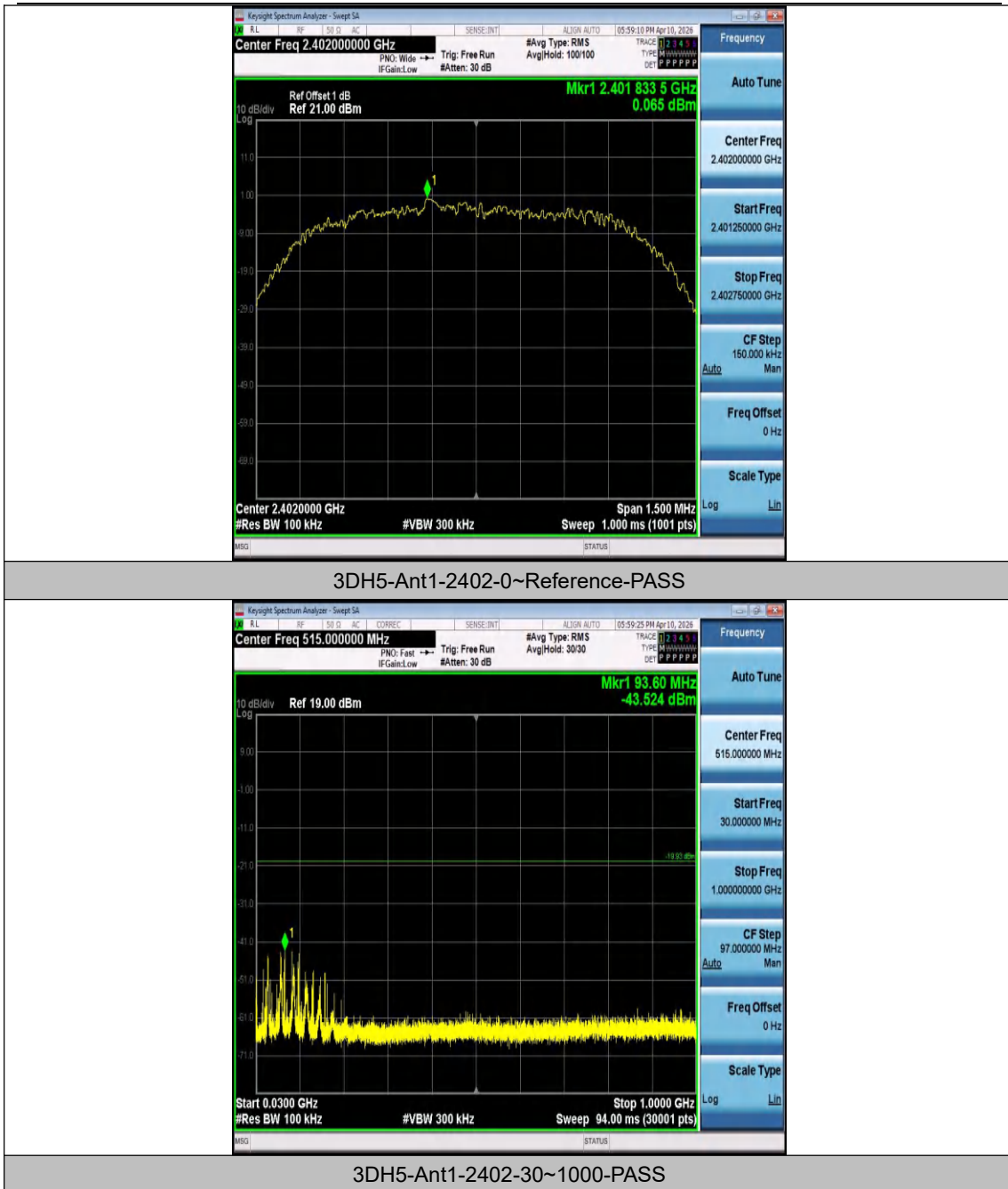
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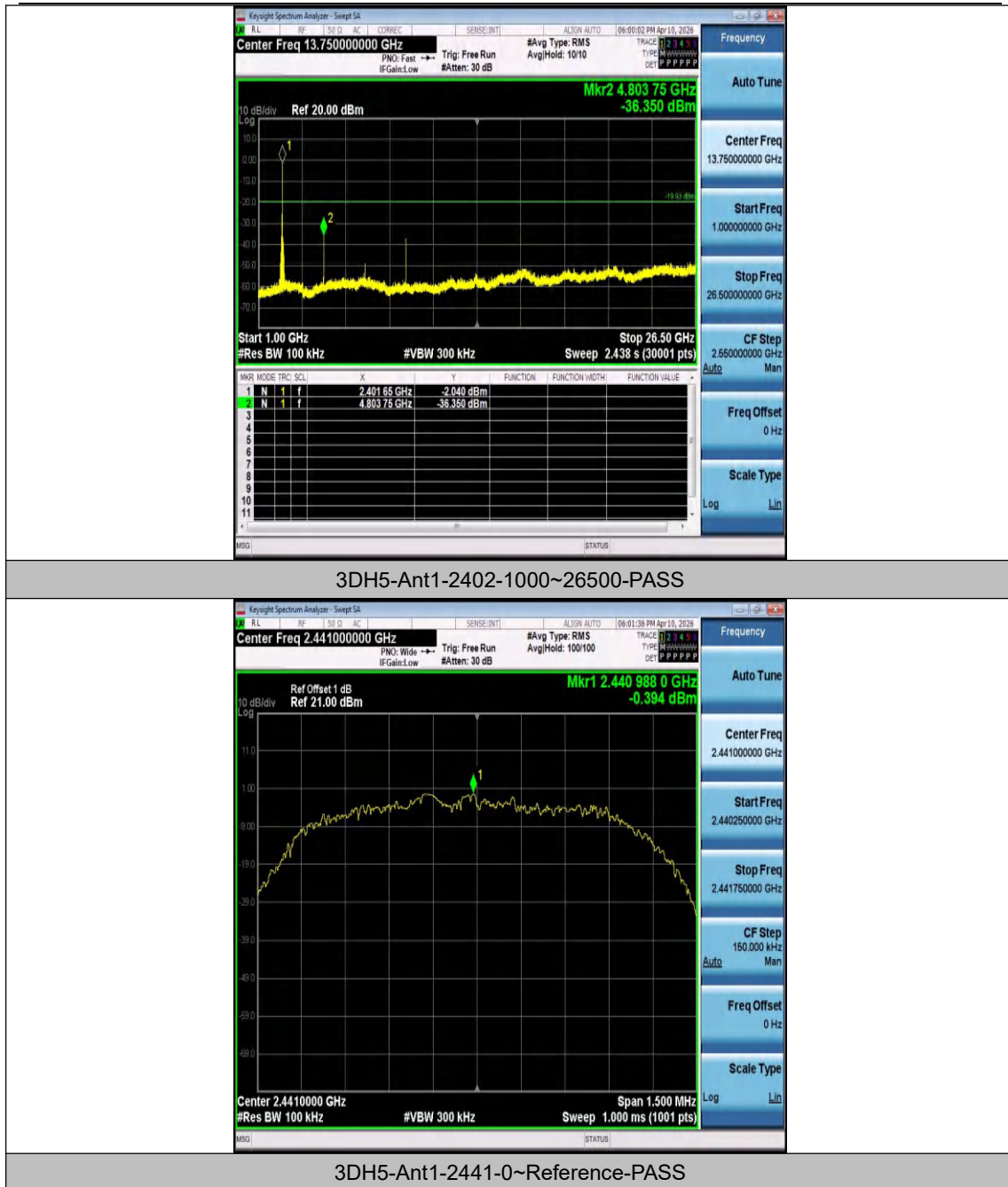
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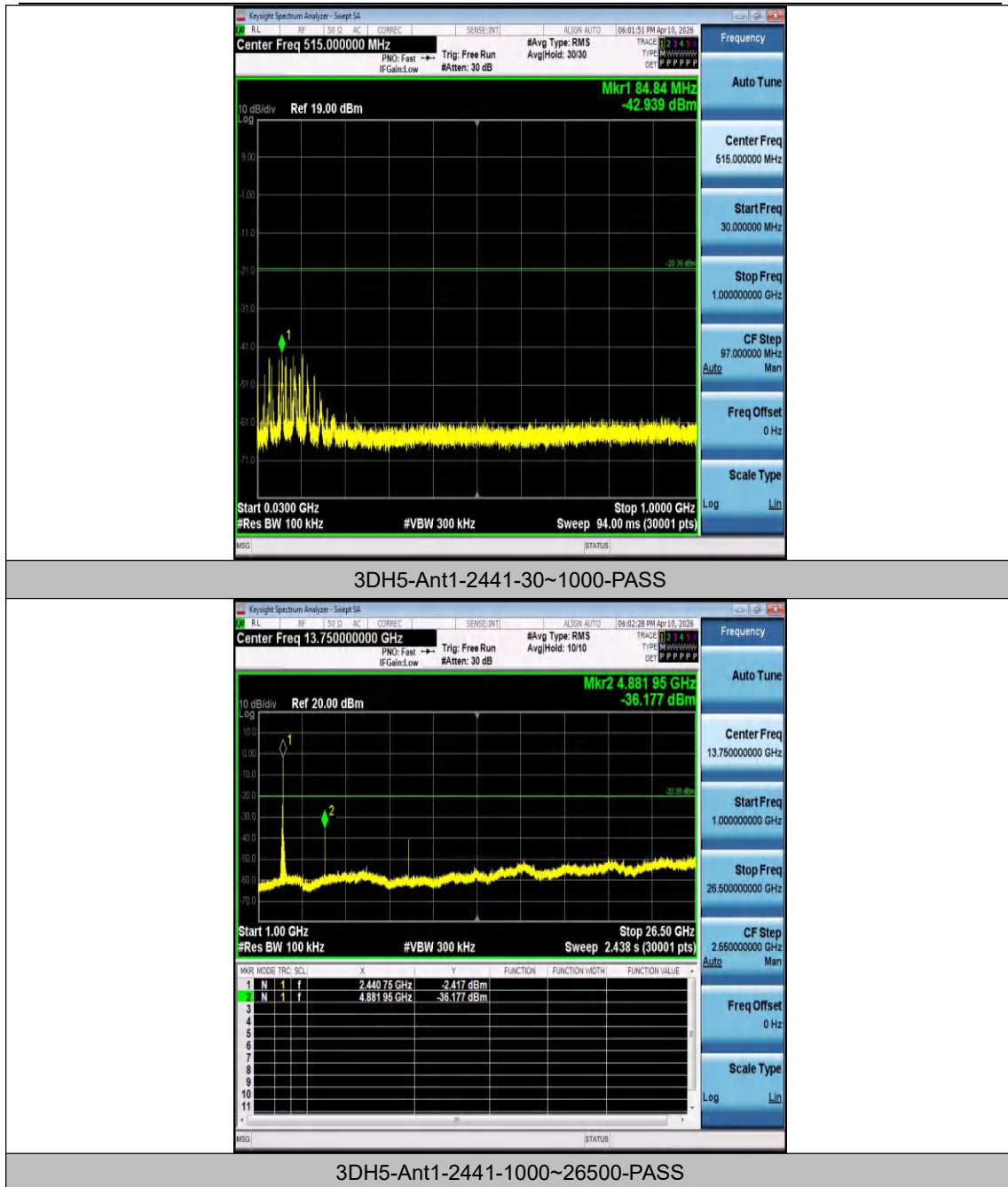
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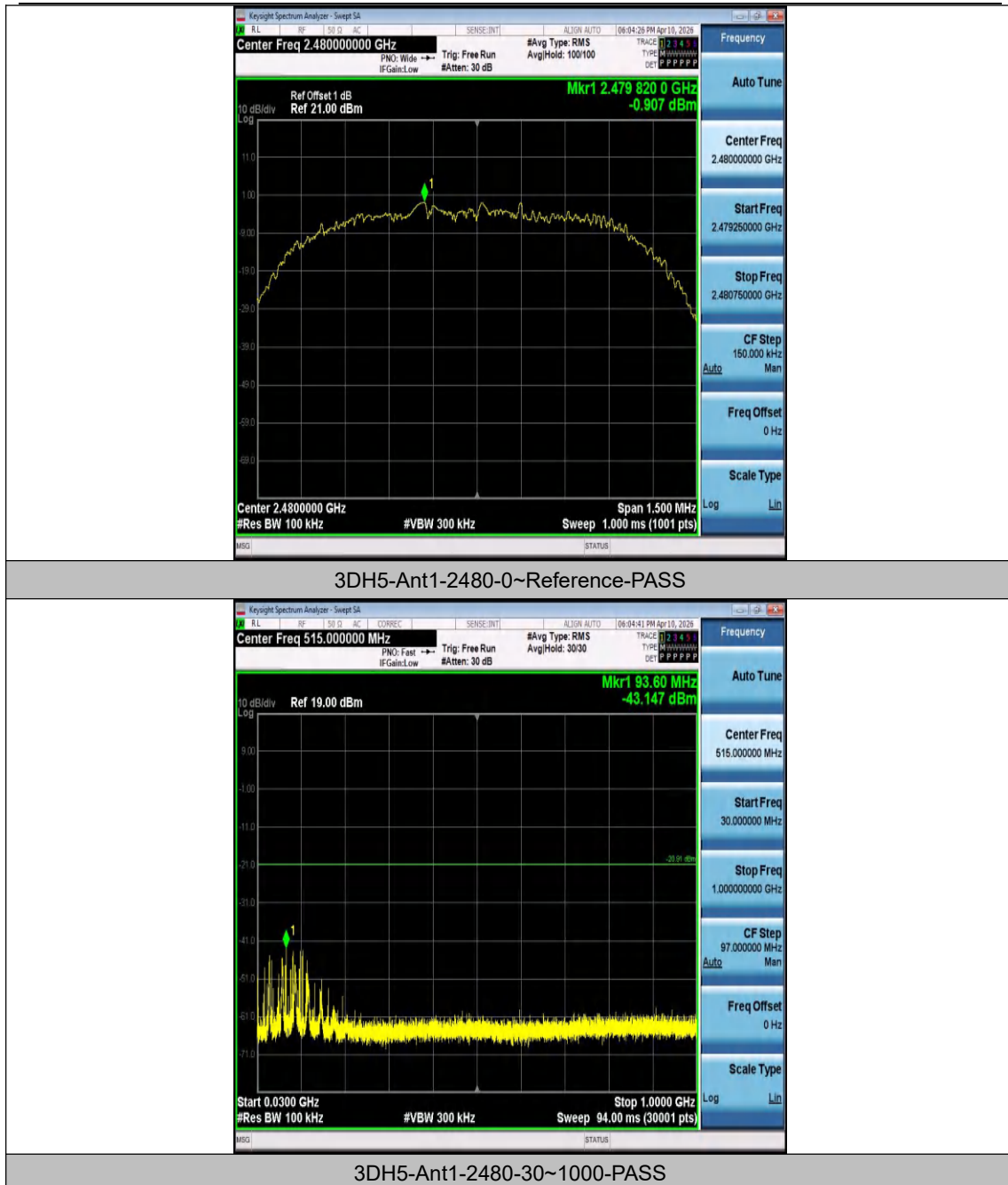
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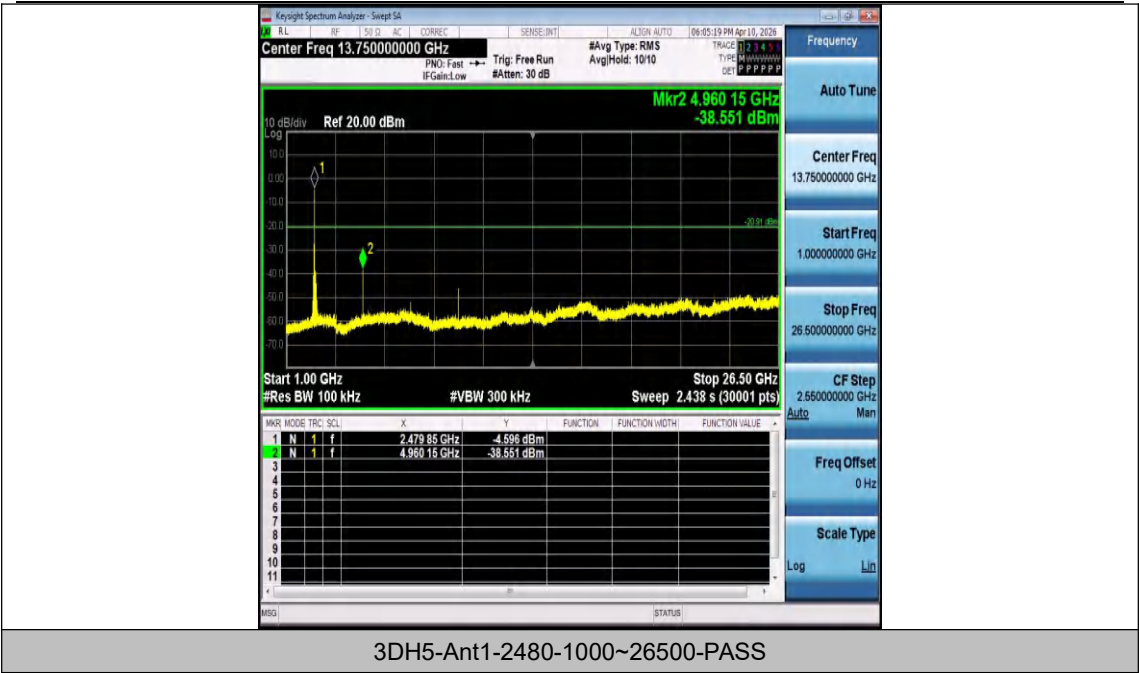
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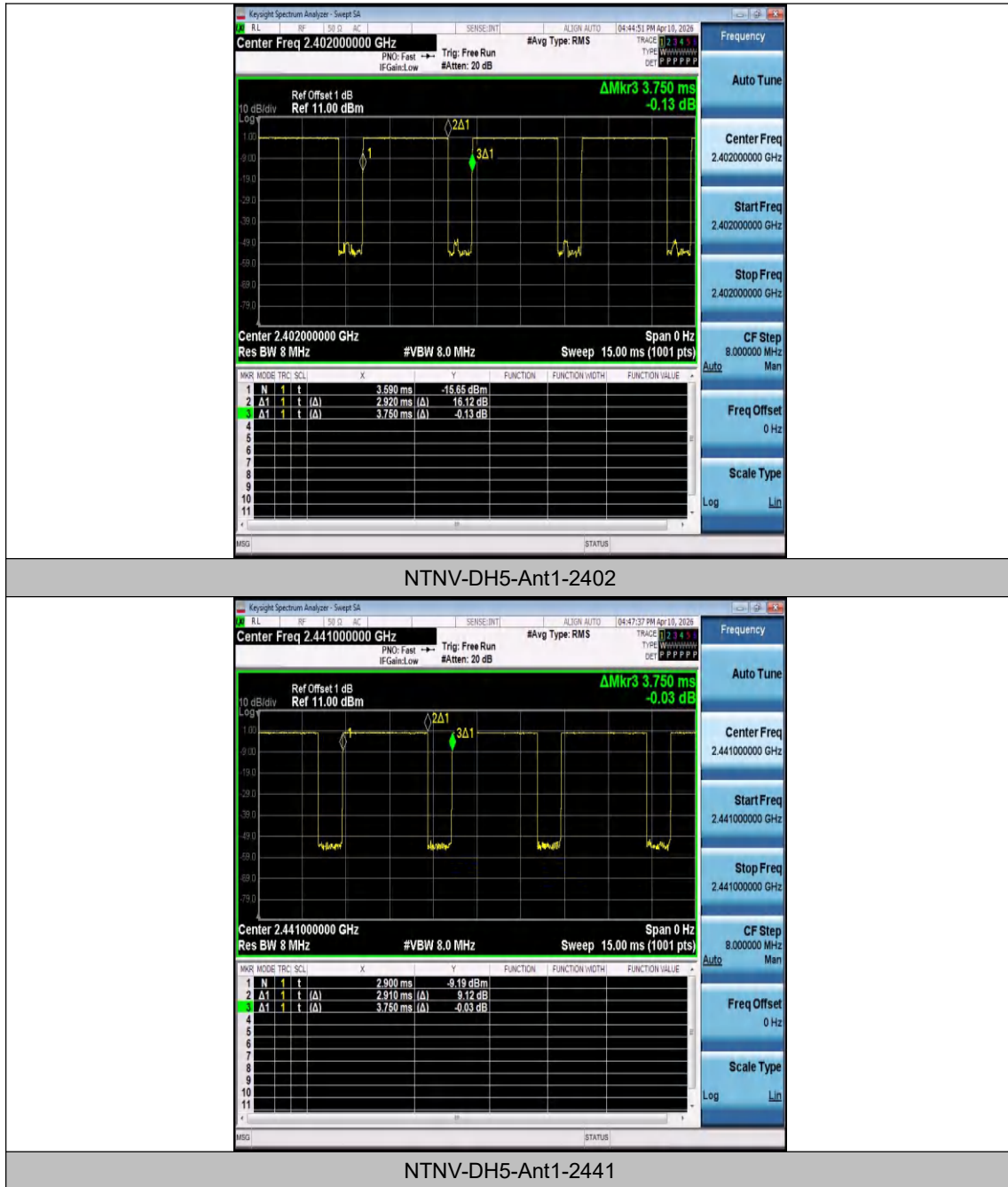
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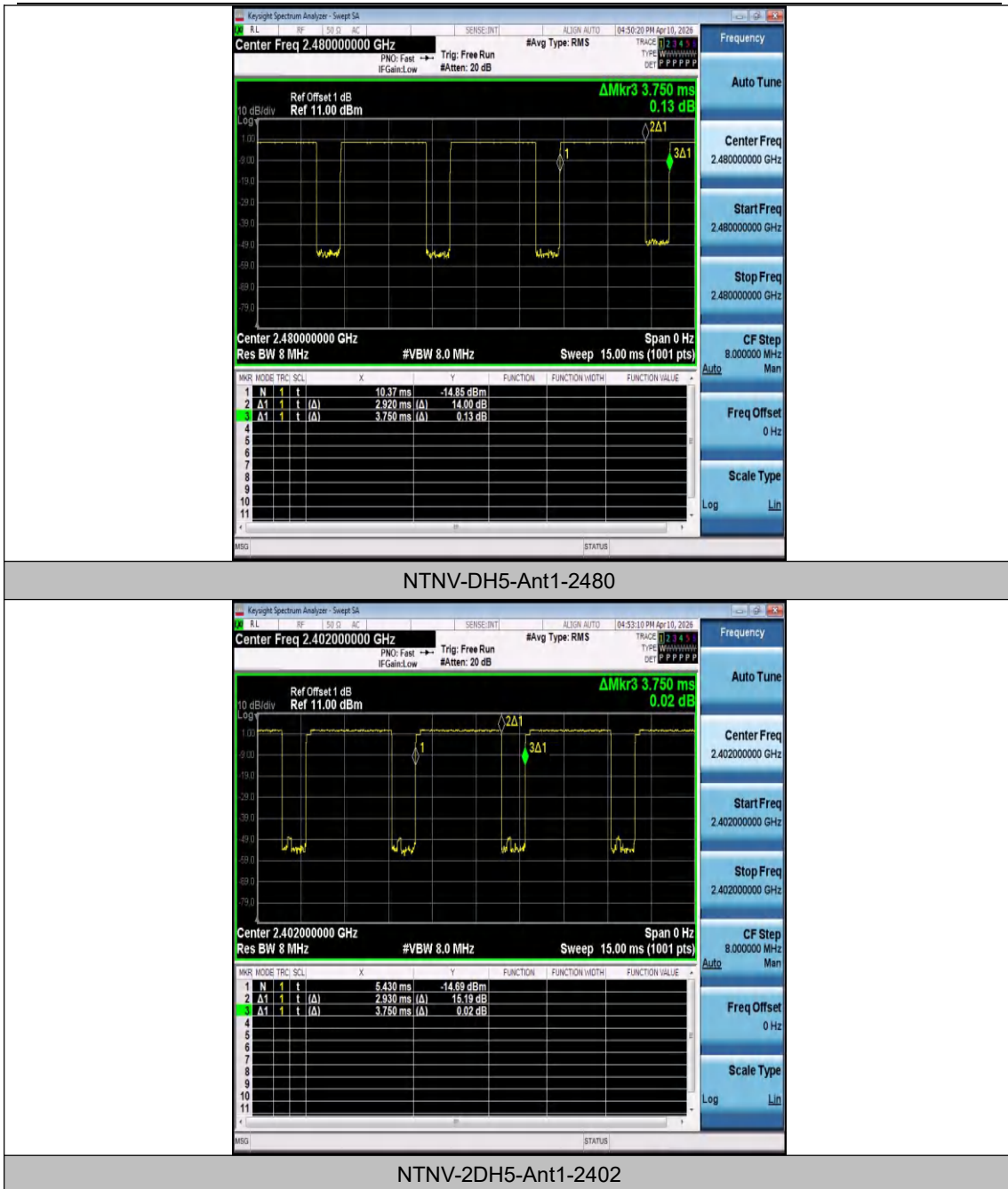
Appendix I: Duty Cycle

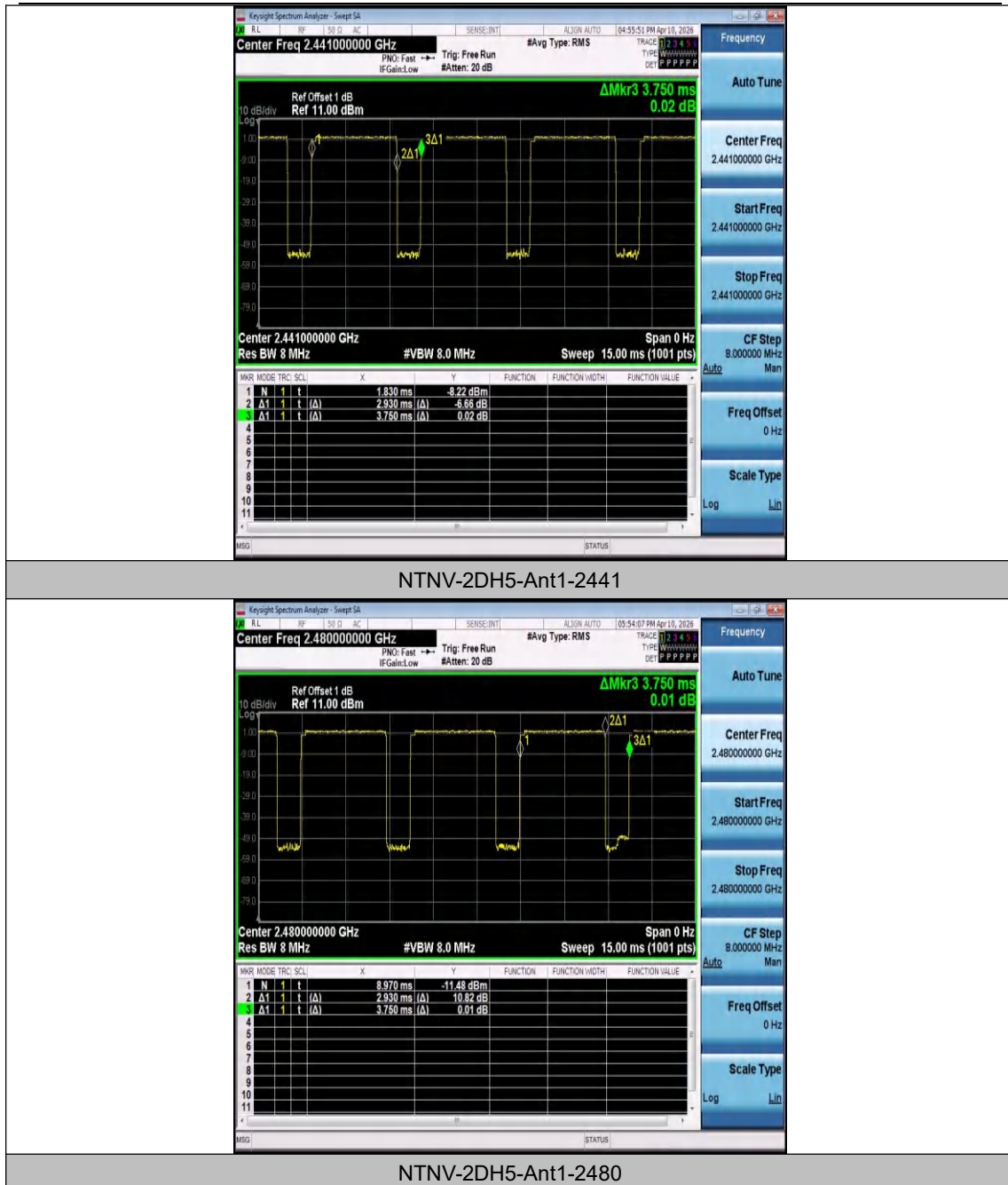
Test Result

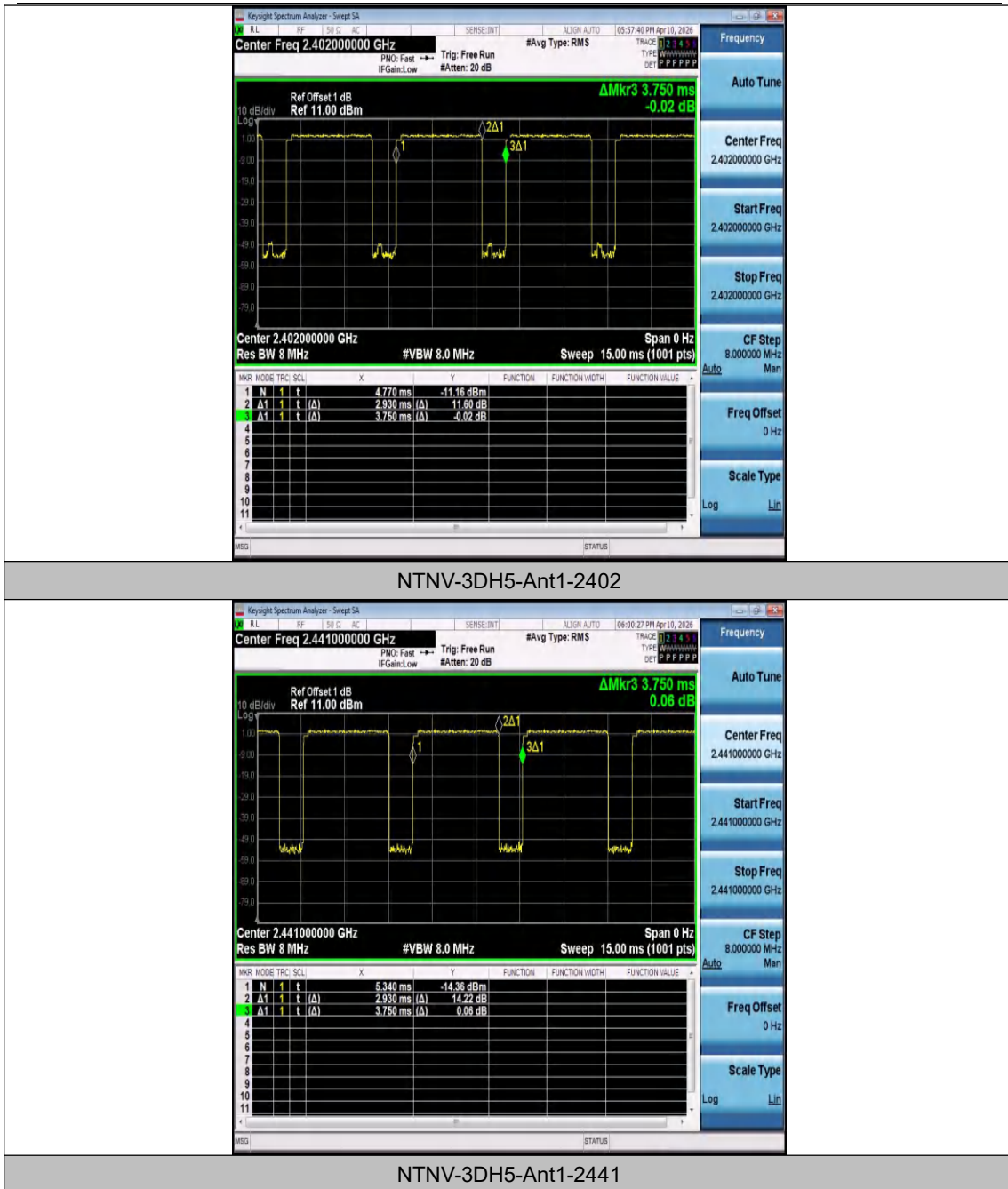
Test Mode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
DH5	Ant1	2402	2.92	3.75	77.87	1.09
DH5	Ant1	2441	2.91	3.75	77.60	1.10
DH5	Ant1	2480	2.92	3.75	77.87	1.09
2DH5	Ant1	2402	2.93	3.75	78.13	1.07
2DH5	Ant1	2441	2.93	3.75	78.13	1.07
2DH5	Ant1	2480	2.93	3.75	78.13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

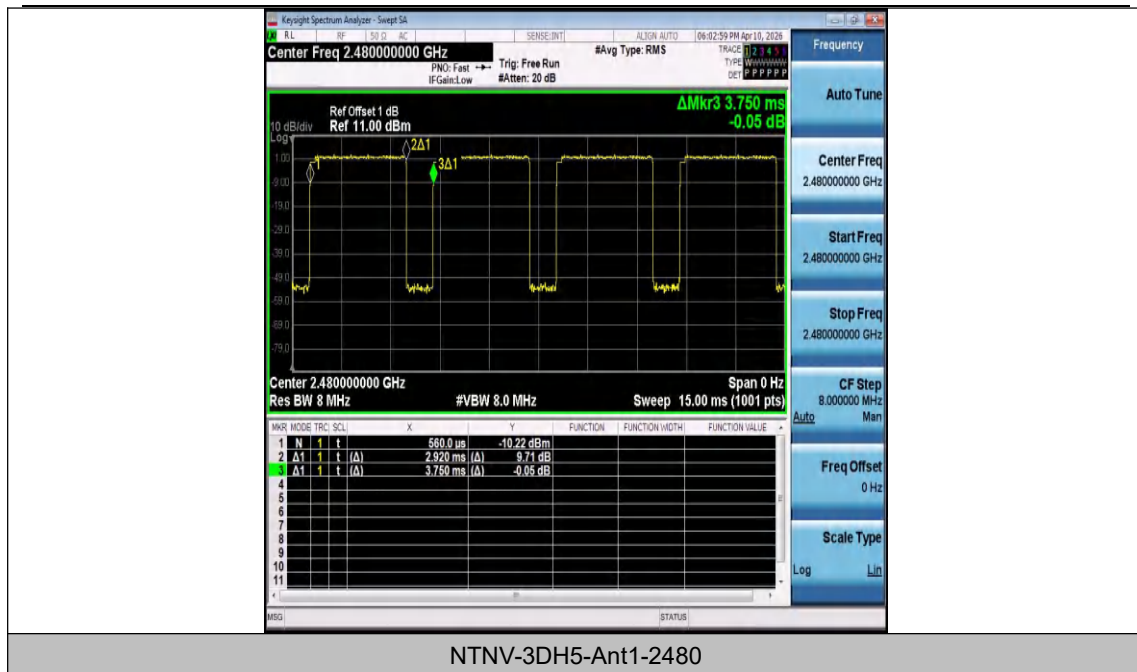
Test Graphs











---End---