

Appendix Test Data

Report No.:	1819C60014912501-01	Test Sample No.:	1-2-2
Start Test Date:	2026-2-3	Finish Test Date:	2026-2-6
Test Engineer:	Pearl Ao	Auditor:	Justin Feng
Temperature:	20°C	Relative Humidity:	60%
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	0.957	2401.511	2402.468	---	---
DH5	Ant1	2441	0.954	2440.511	2441.465	---	---
DH5	Ant1	2480	0.939	2479.520	2480.459	---	---
2DH5	Ant1	2402	1.188	2401.376	2402.564	---	---
2DH5	Ant1	2441	1.185	2440.379	2441.564	---	---
2DH5	Ant1	2480	1.311	2479.319	2480.630	---	---
3DH5	Ant1	2402	1.194	2401.388	2402.582	---	---
3DH5	Ant1	2441	1.182	2440.388	2441.570	---	---
3DH5	Ant1	2480	1.188	2479.388	2480.576	---	---

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	0.85632	2401.5495	2402.4058	---	---
DH5	Ant1	2441	0.85750	2440.5477	2441.4052	---	---
DH5	Ant1	2480	0.85872	2479.5469	2480.4056	---	---
2DH5	Ant1	2402	1.1393	2401.4055	2402.5448	---	---
2DH5	Ant1	2441	1.1707	2440.3881	2441.5588	---	---
2DH5	Ant1	2480	1.1463	2479.4014	2480.5477	---	---
3DH5	Ant1	2402	1.1771	2401.3892	2402.5663	---	---
3DH5	Ant1	2441	1.1424	2440.4045	2441.5469	---	---
3DH5	Ant1	2480	1.1729	2479.3912	2480.5641	---	---

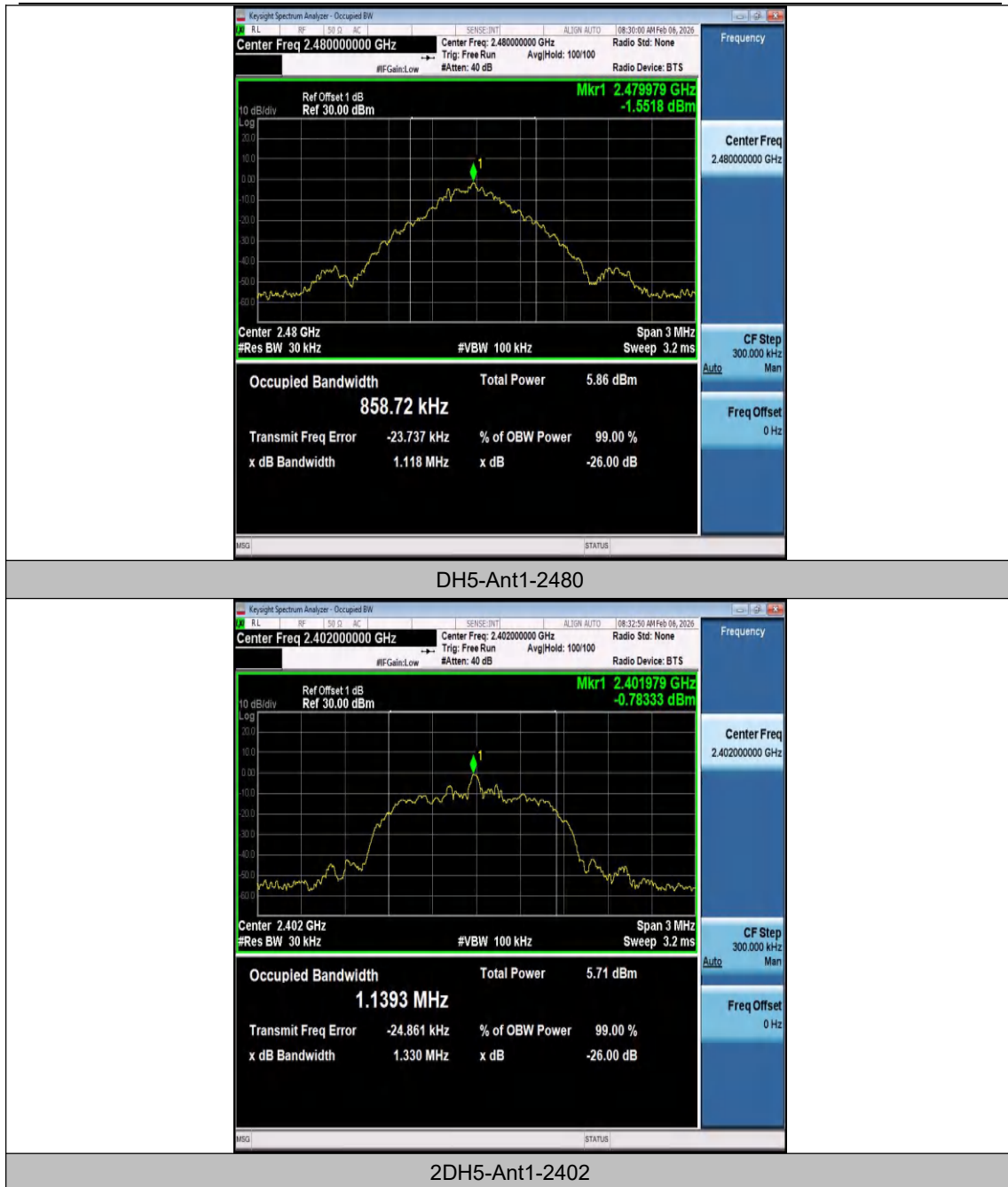
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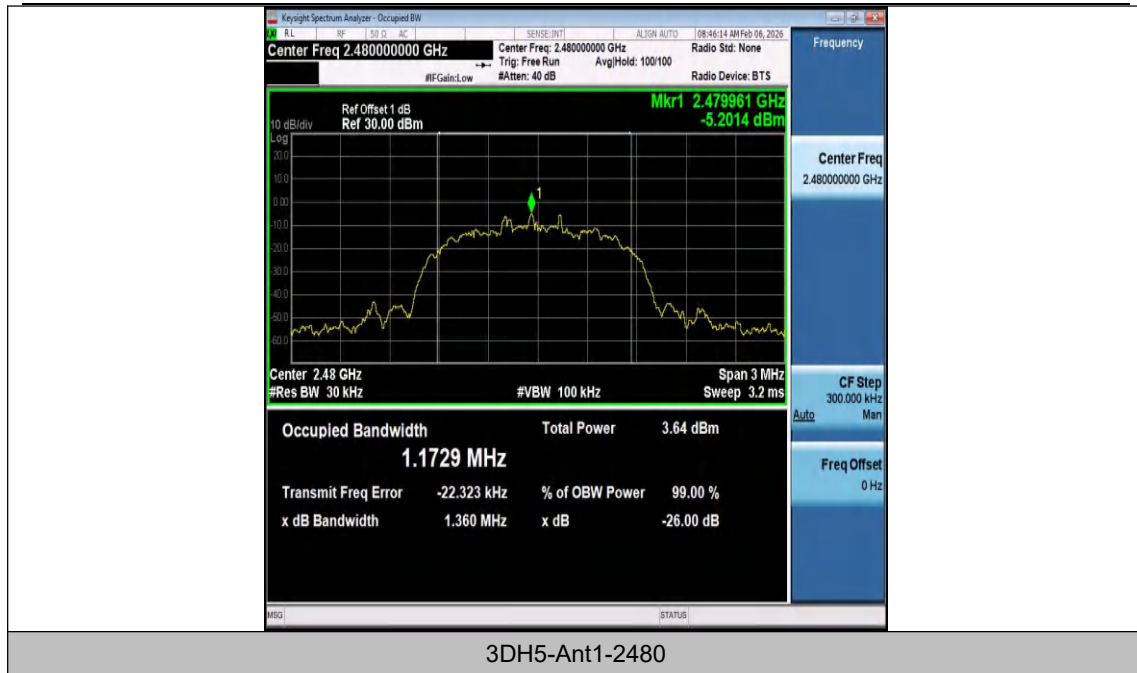
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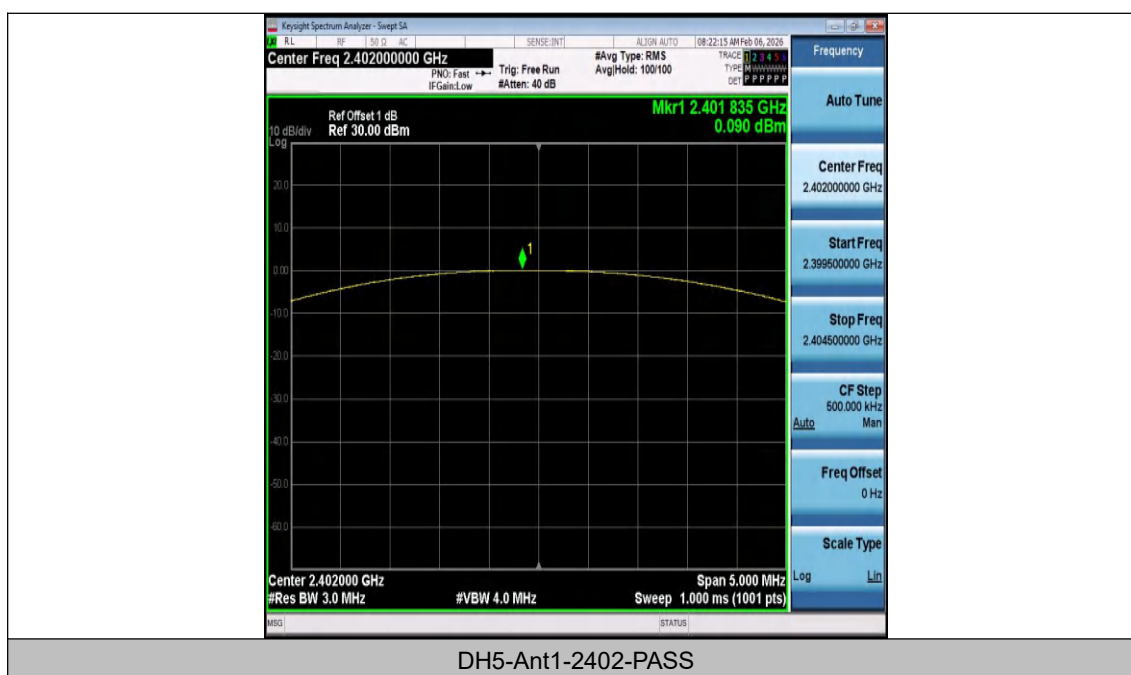
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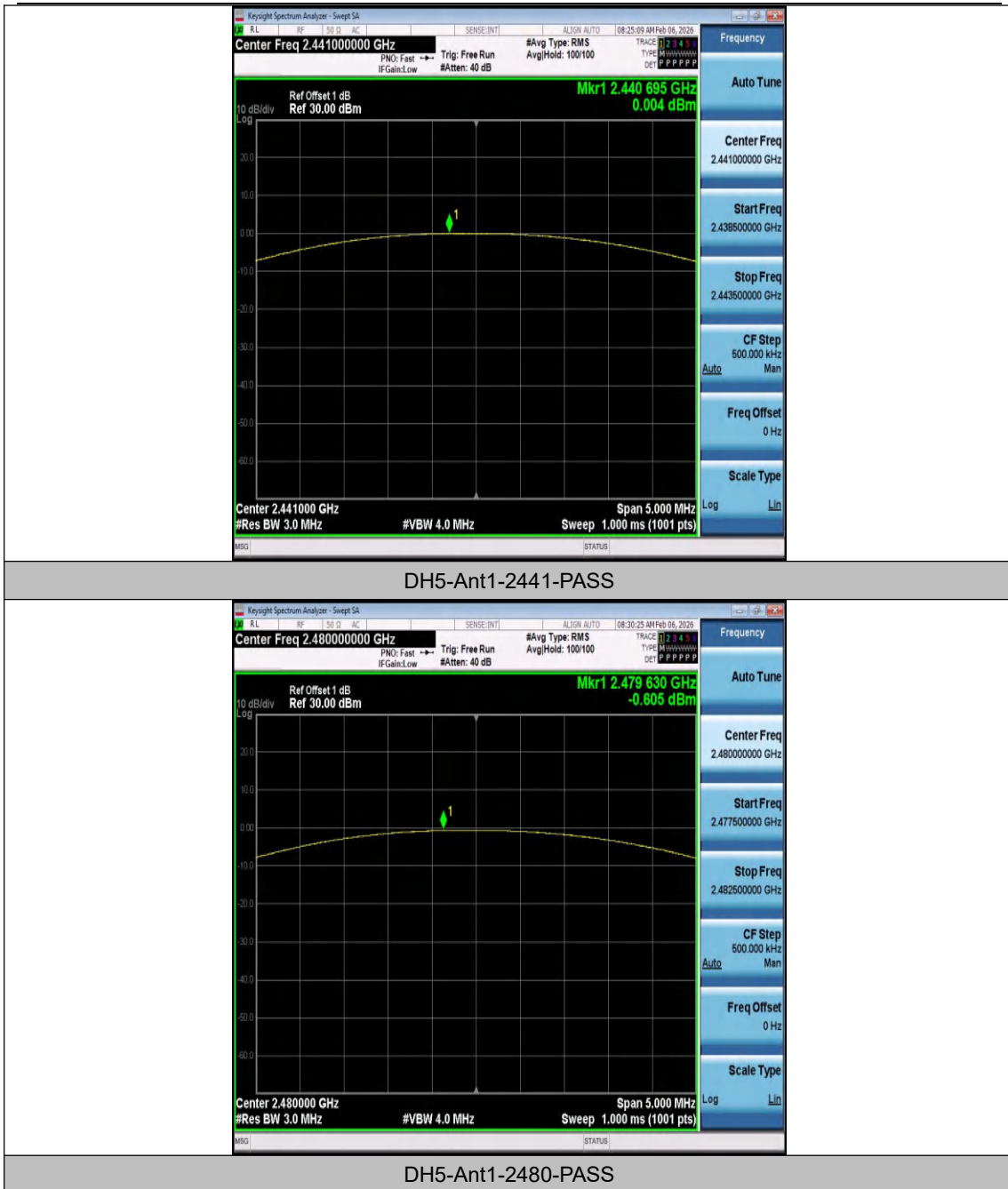
Appendix C: Maximum Conducted Output Power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	0.09	≤20.97	PASS
DH5	Ant1	2441	0.00	≤20.97	PASS
DH5	Ant1	2480	-0.61	≤20.97	PASS
2DH5	Ant1	2402	0.03	≤20.97	PASS
2DH5	Ant1	2441	-0.01	≤20.97	PASS
2DH5	Ant1	2480	-0.66	≤20.97	PASS
3DH5	Ant1	2402	0.05	≤20.97	PASS
3DH5	Ant1	2441	-0.06	≤20.97	PASS
3DH5	Ant1	2480	-0.59	≤20.97	PASS

Test Graphs

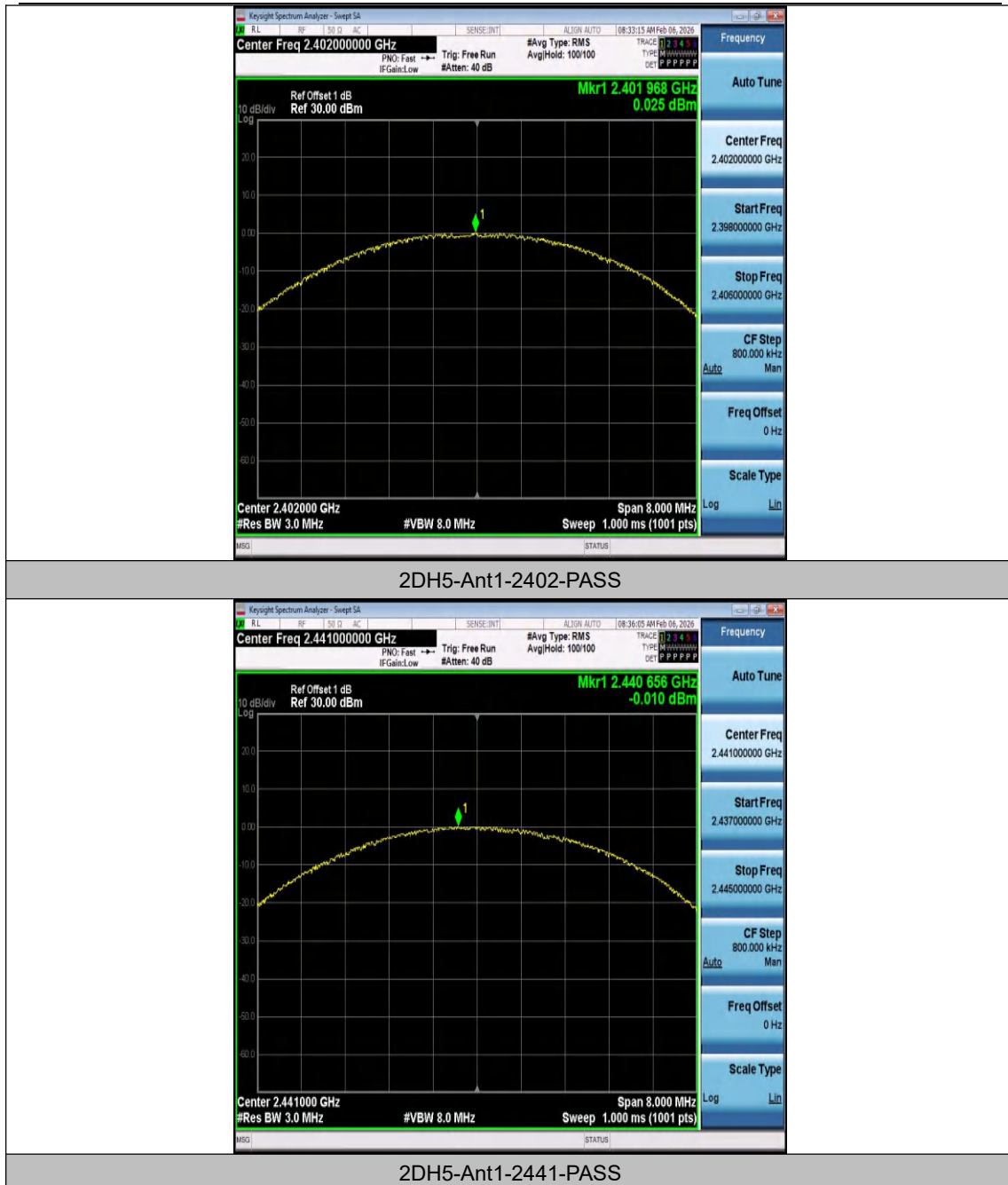




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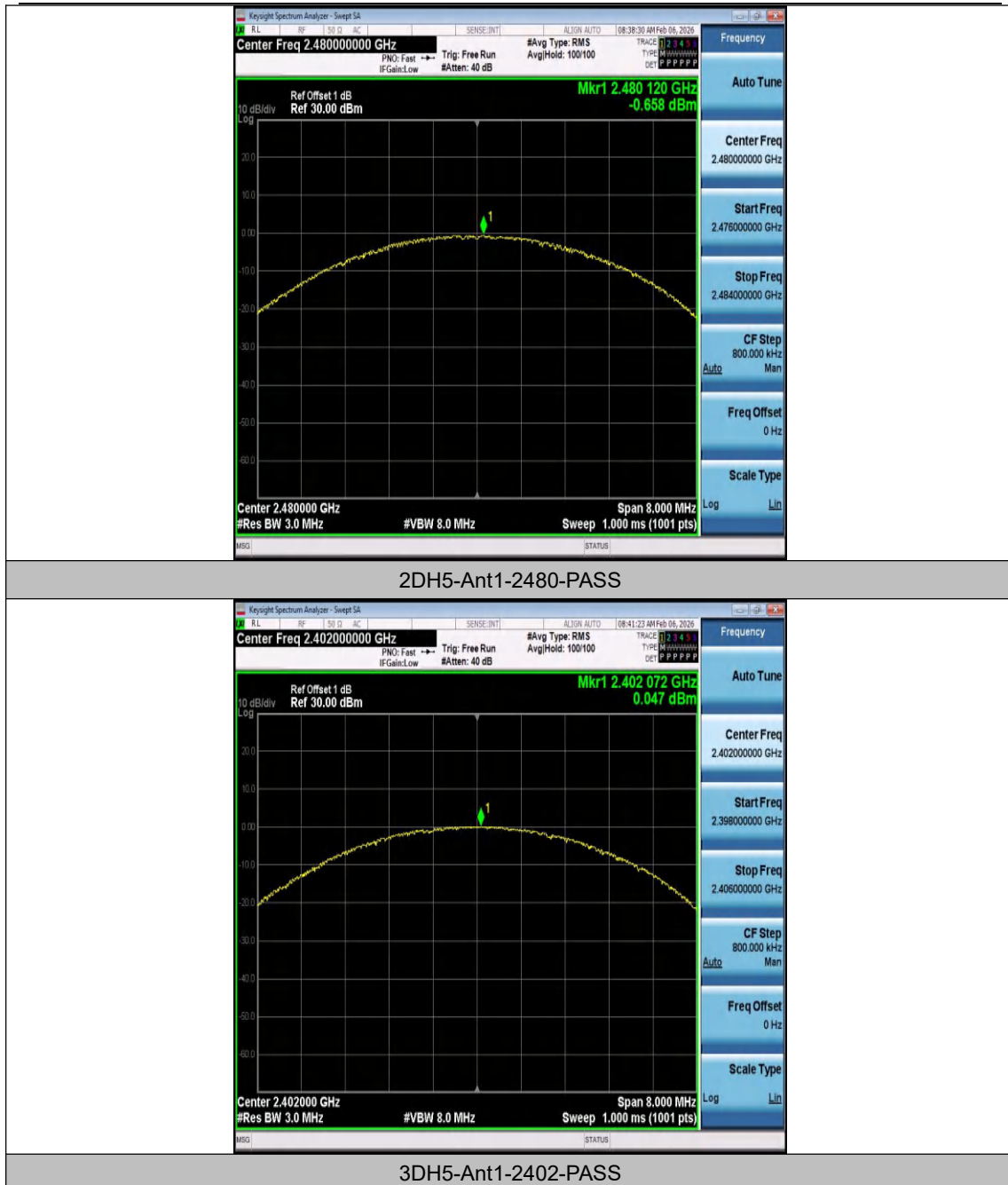
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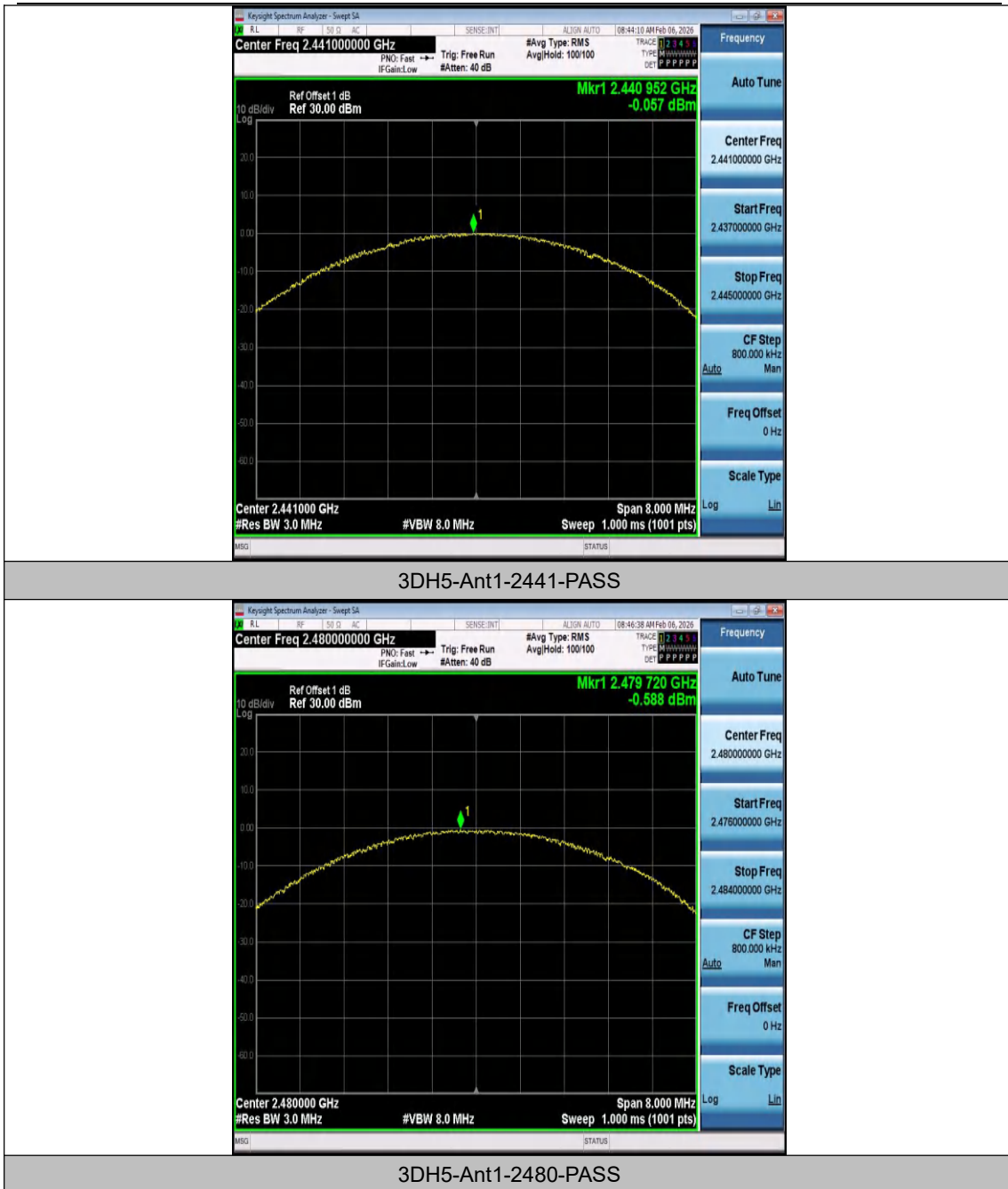
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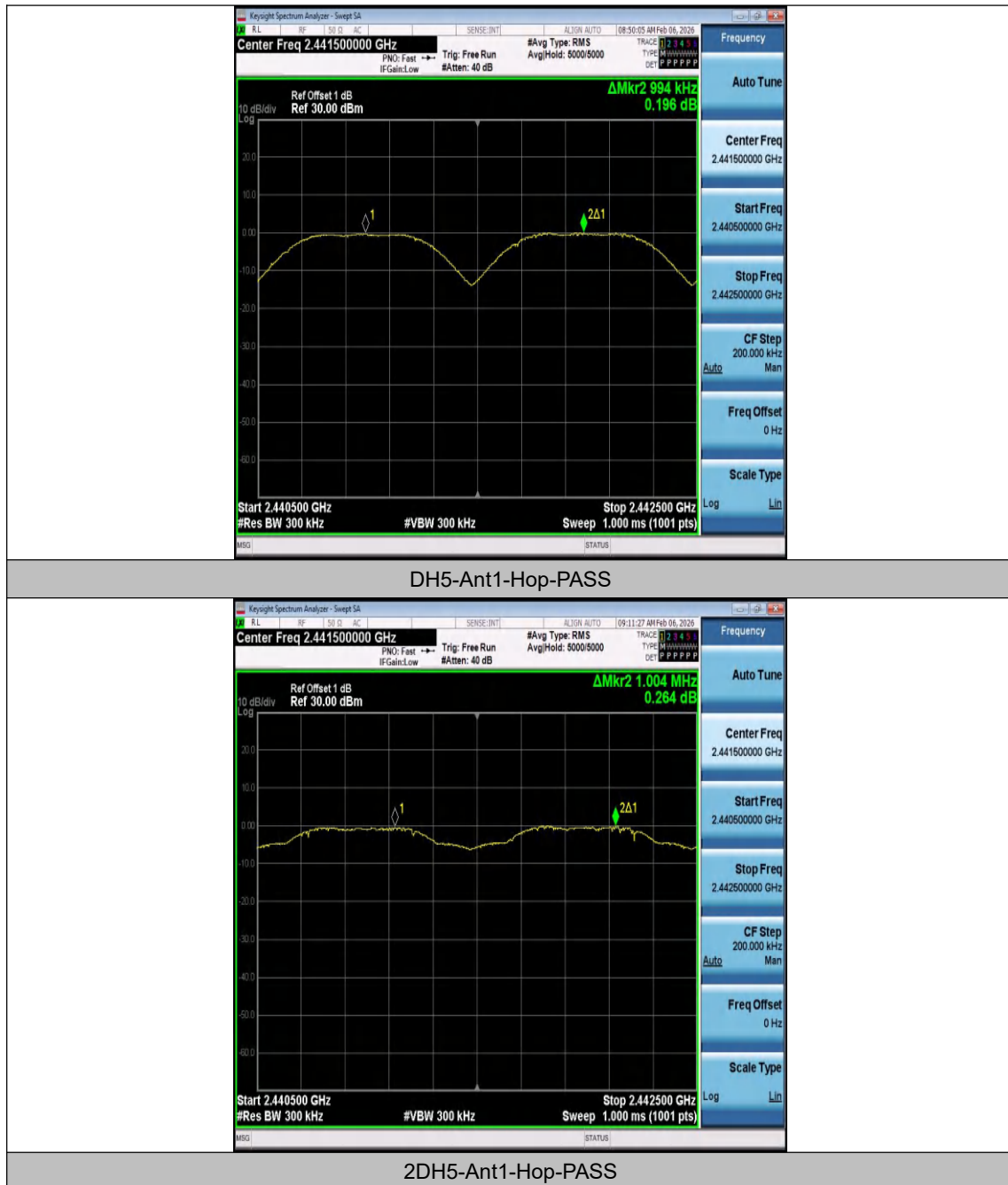
Appendix D: Carrier frequency separation

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	0.994	≥ 0.638	PASS
2DH5	Ant1	Hop	1.004	≥ 0.874	PASS
3DH5	Ant1	Hop	0.992	≥ 0.796	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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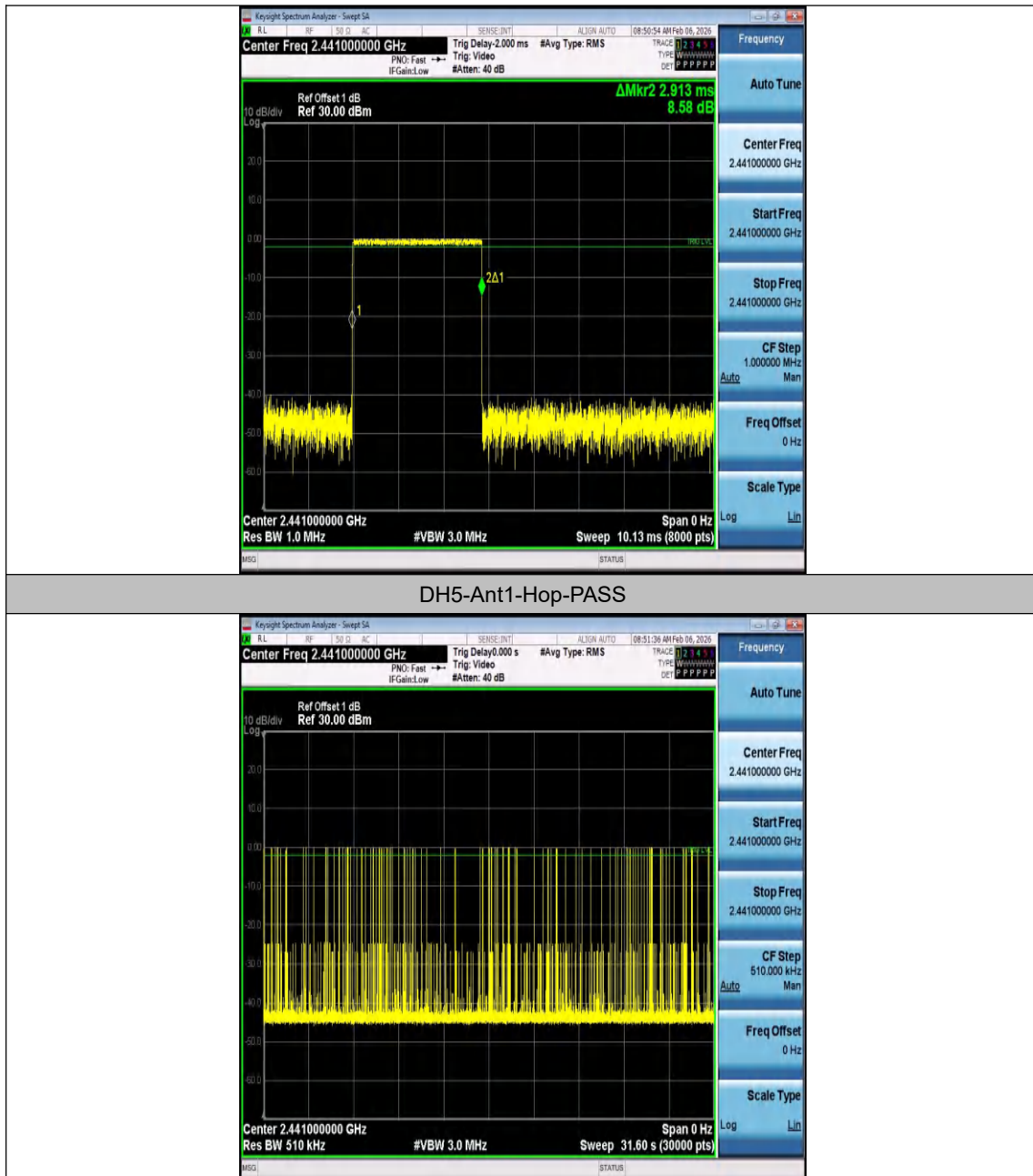
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Appendix E: Dwell Time

Test Result

Test Mode	Antenna	Frequency [MHz]	Burst Width [ms]	Total Hops [Num]	Result [s]	Limit [s]	Verdict
DH5	Ant1	Hop	2.913	112	0.326	≤0.4	PASS
2DH5	Ant1	Hop	2.916	124	0.362	≤0.4	PASS
3DH5	Ant1	Hop	2.920	112	0.327	≤0.4	PASS

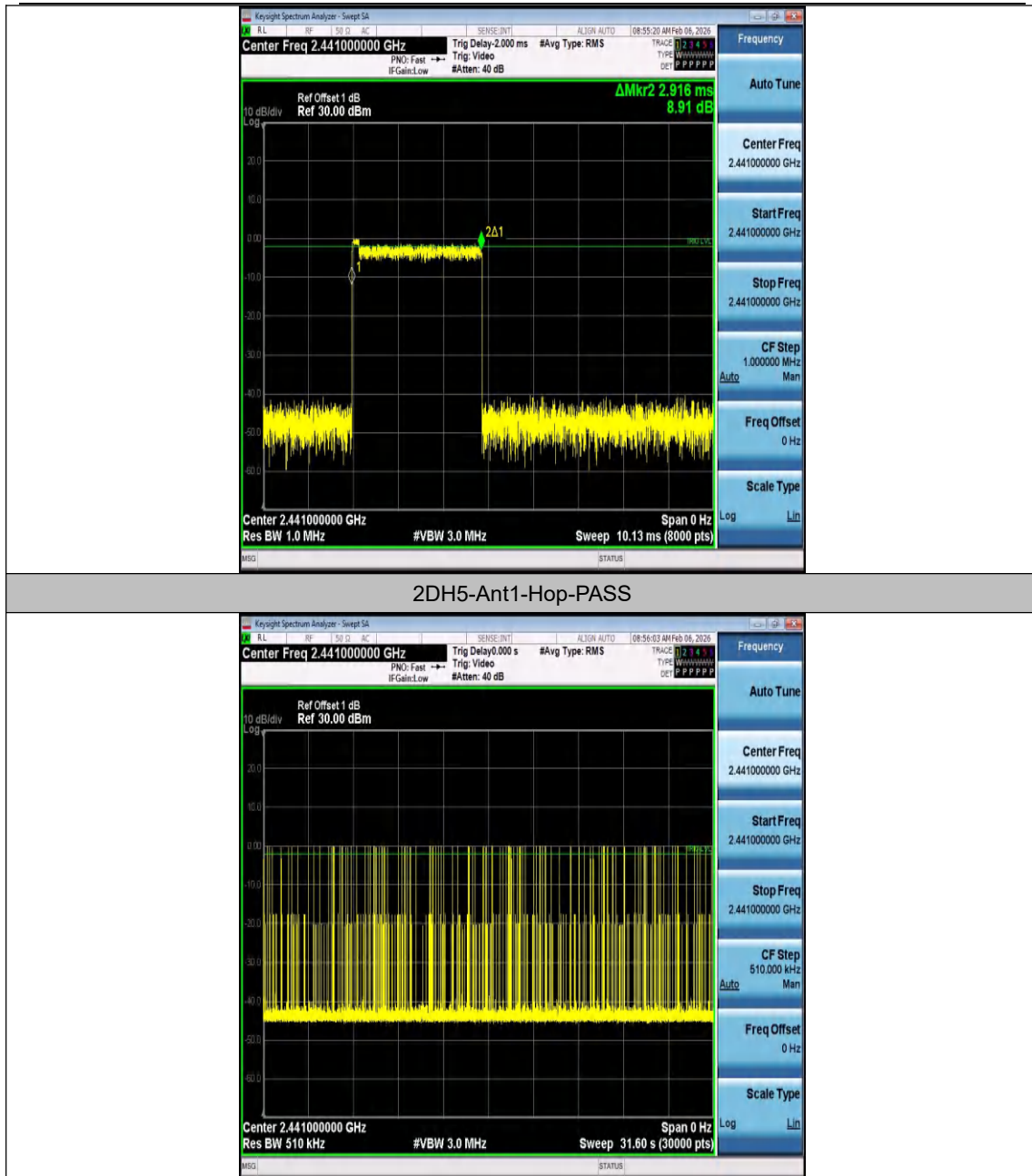
Test Graphs



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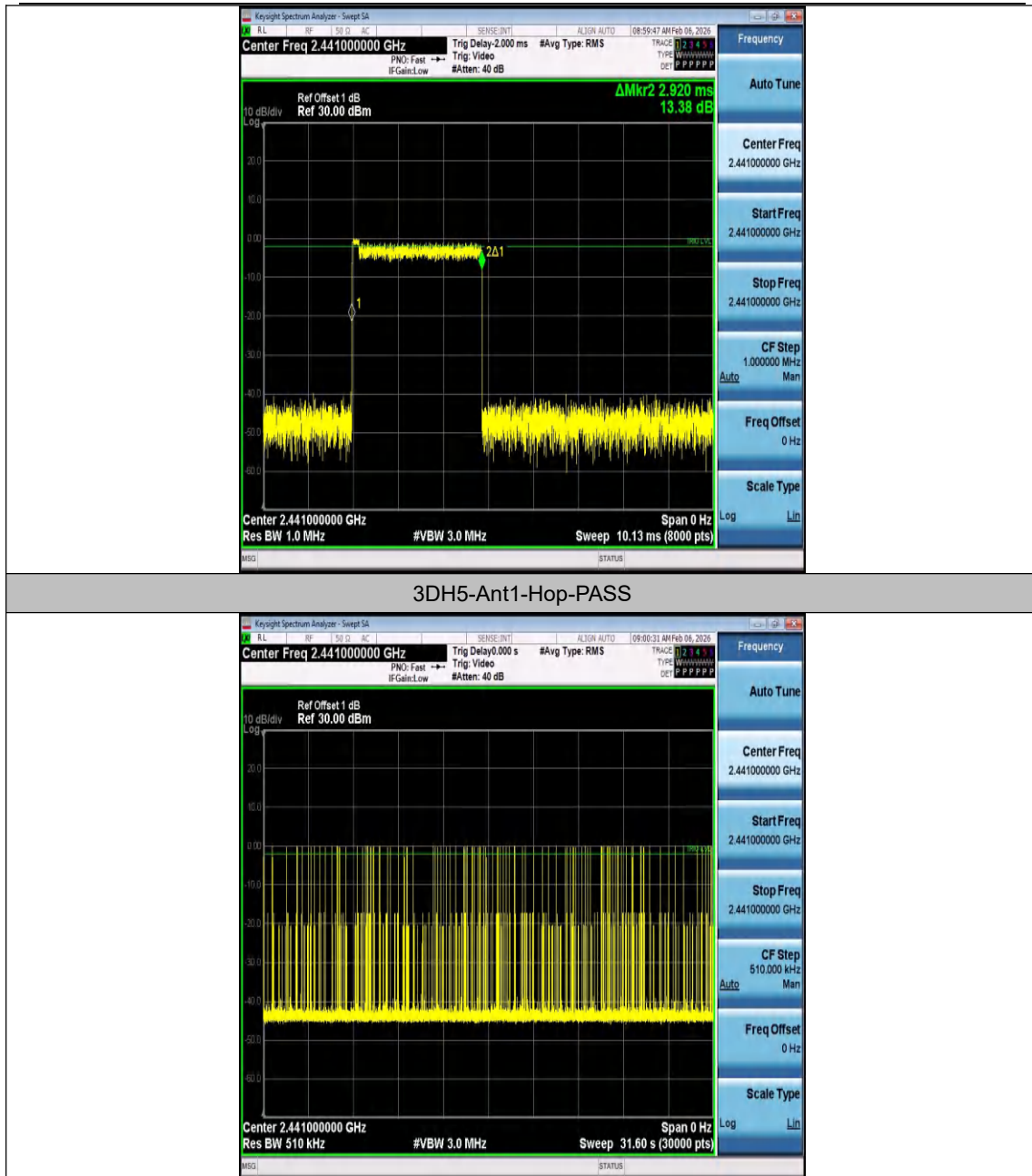
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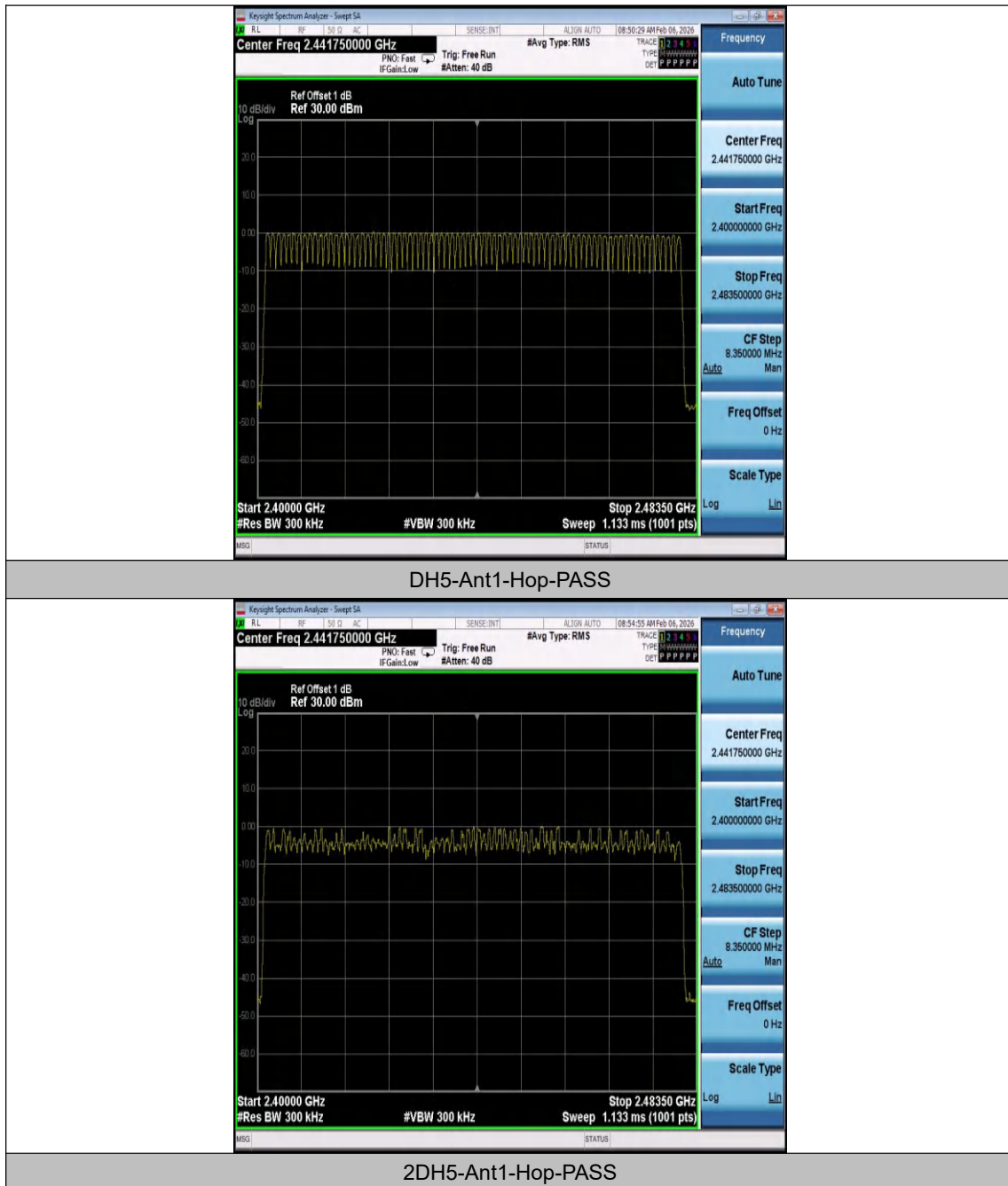
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Appendix F: Number of Hopping Channel

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

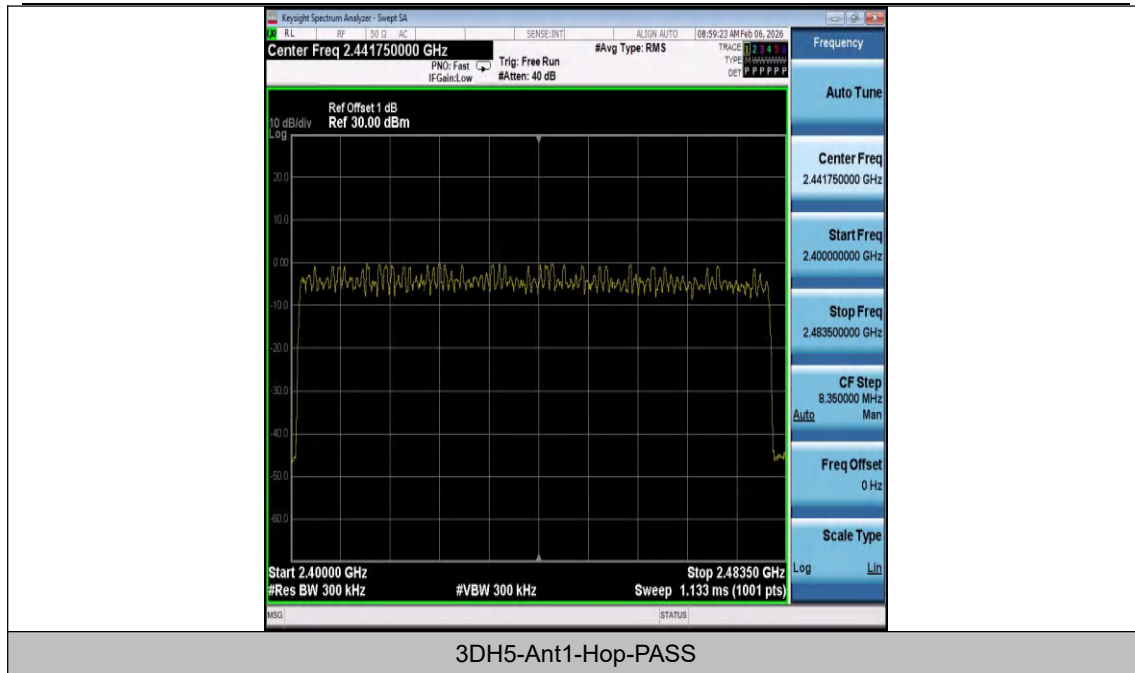
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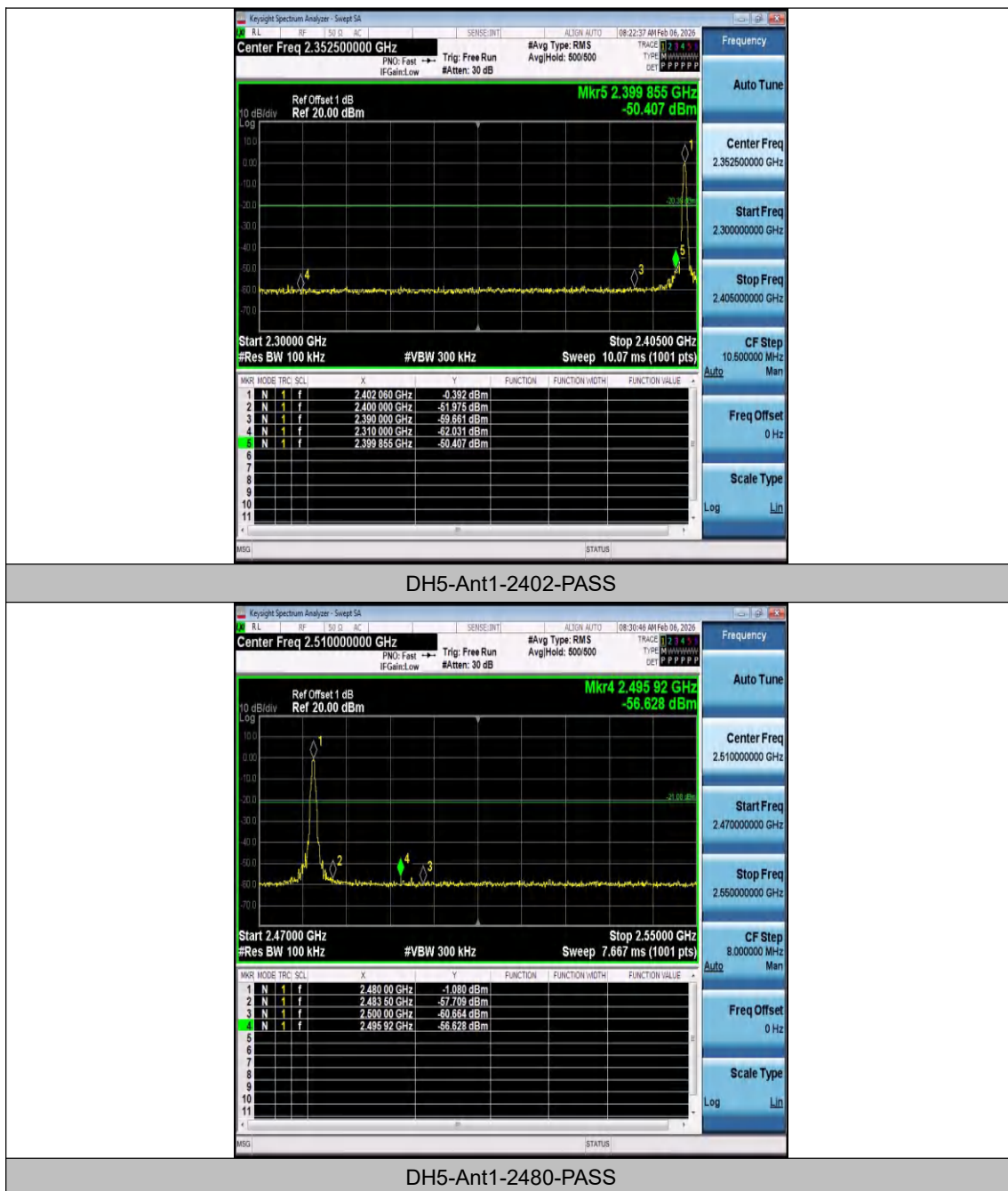
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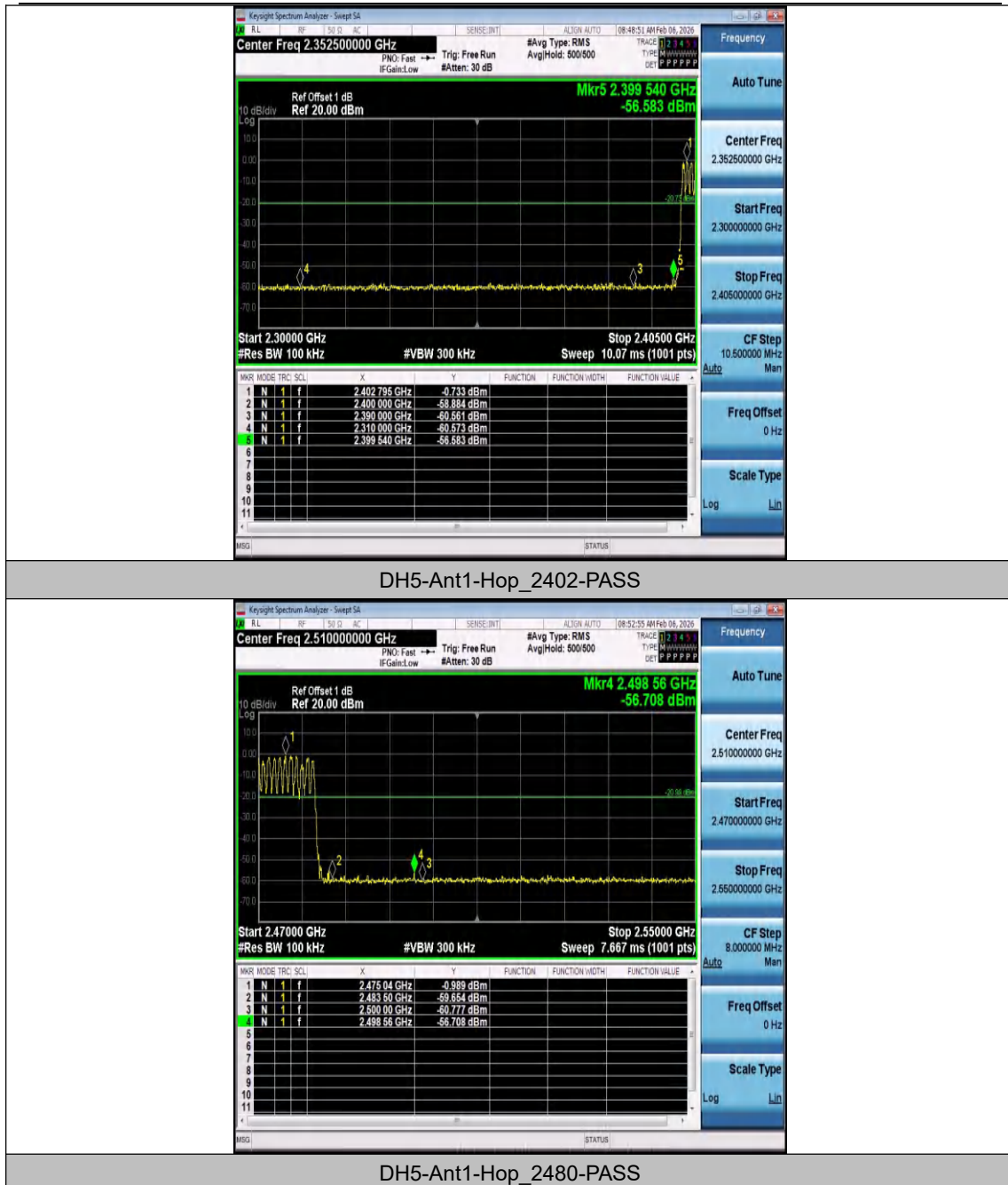
Appendix G: Conducted Band edge

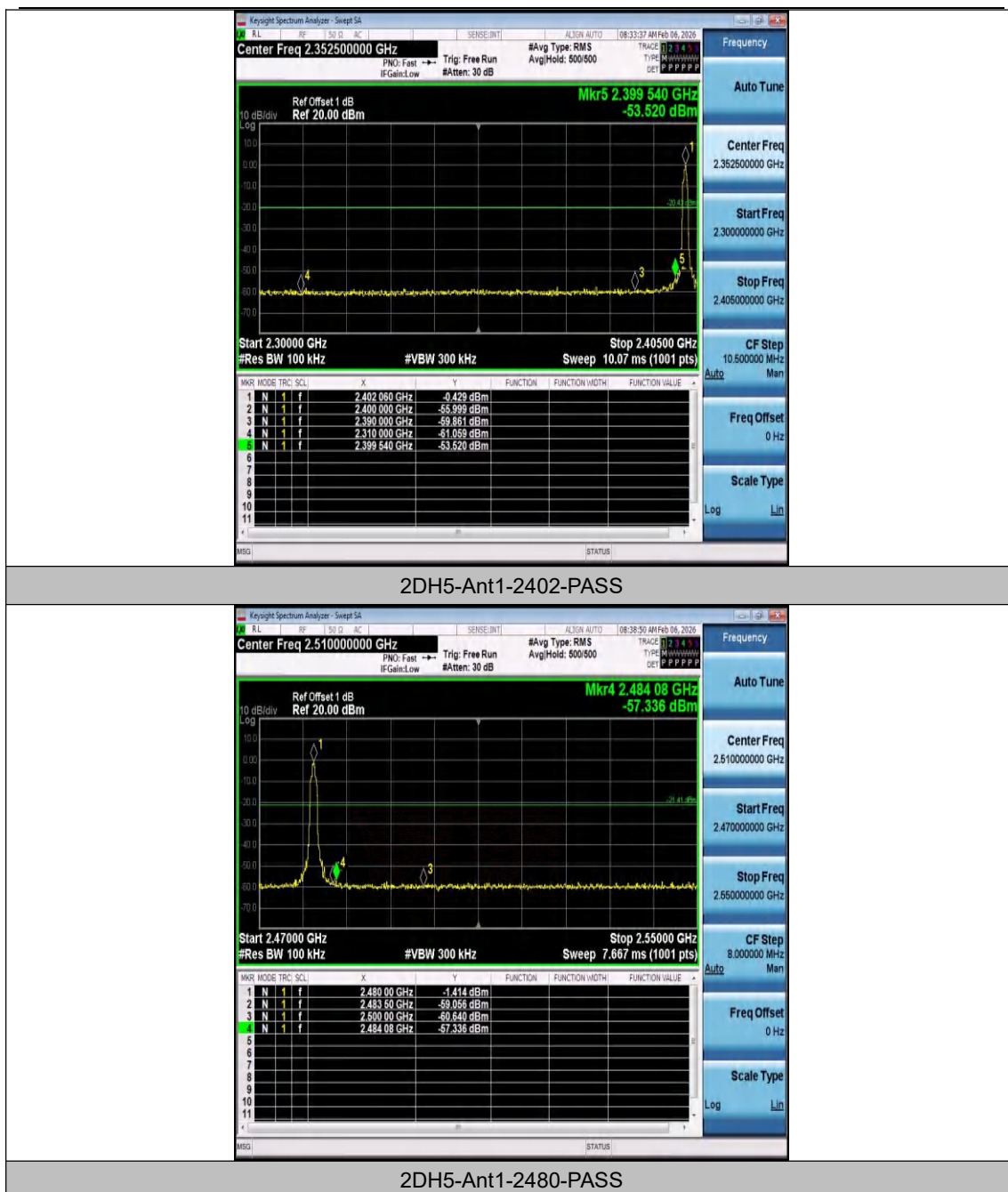
Test Result

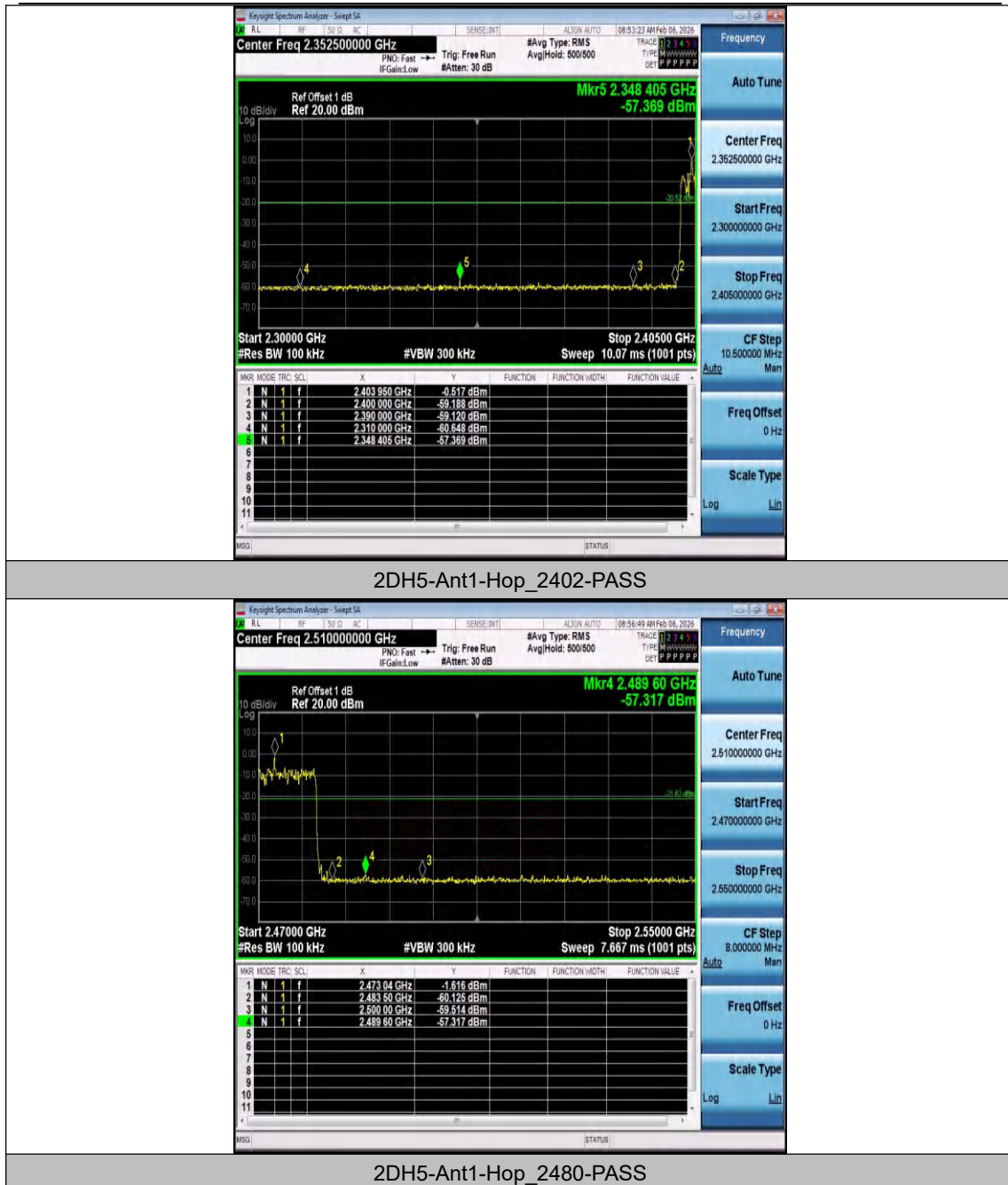
Test Mode	Antenna	Ch. Name	Frequency [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-0.39	-50.41	≤ -20.39	PASS
DH5	Ant1	High	2480	-1.08	-56.63	≤ -21.08	PASS
DH5	Ant1	Low	Hop_2402	-0.73	-56.58	≤ -20.73	PASS
DH5	Ant1	High	Hop_2480	-0.99	-56.71	≤ -20.99	PASS
2DH5	Ant1	Low	2402	-0.43	-53.52	≤ -20.43	PASS
2DH5	Ant1	High	2480	-1.41	-57.34	≤ -21.41	PASS
2DH5	Ant1	Low	Hop_2402	-0.52	-57.37	≤ -20.52	PASS
2DH5	Ant1	High	Hop_2480	-1.62	-57.32	≤ -21.62	PASS
3DH5	Ant1	Low	2402	-0.77	-52.69	≤ -20.77	PASS
3DH5	Ant1	High	2480	-1.27	-56.21	≤ -21.27	PASS
3DH5	Ant1	Low	Hop_2402	-5.97	-57.49	≤ -25.97	PASS
3DH5	Ant1	High	Hop_2480	-1.50	-56.41	≤ -21.5	PASS

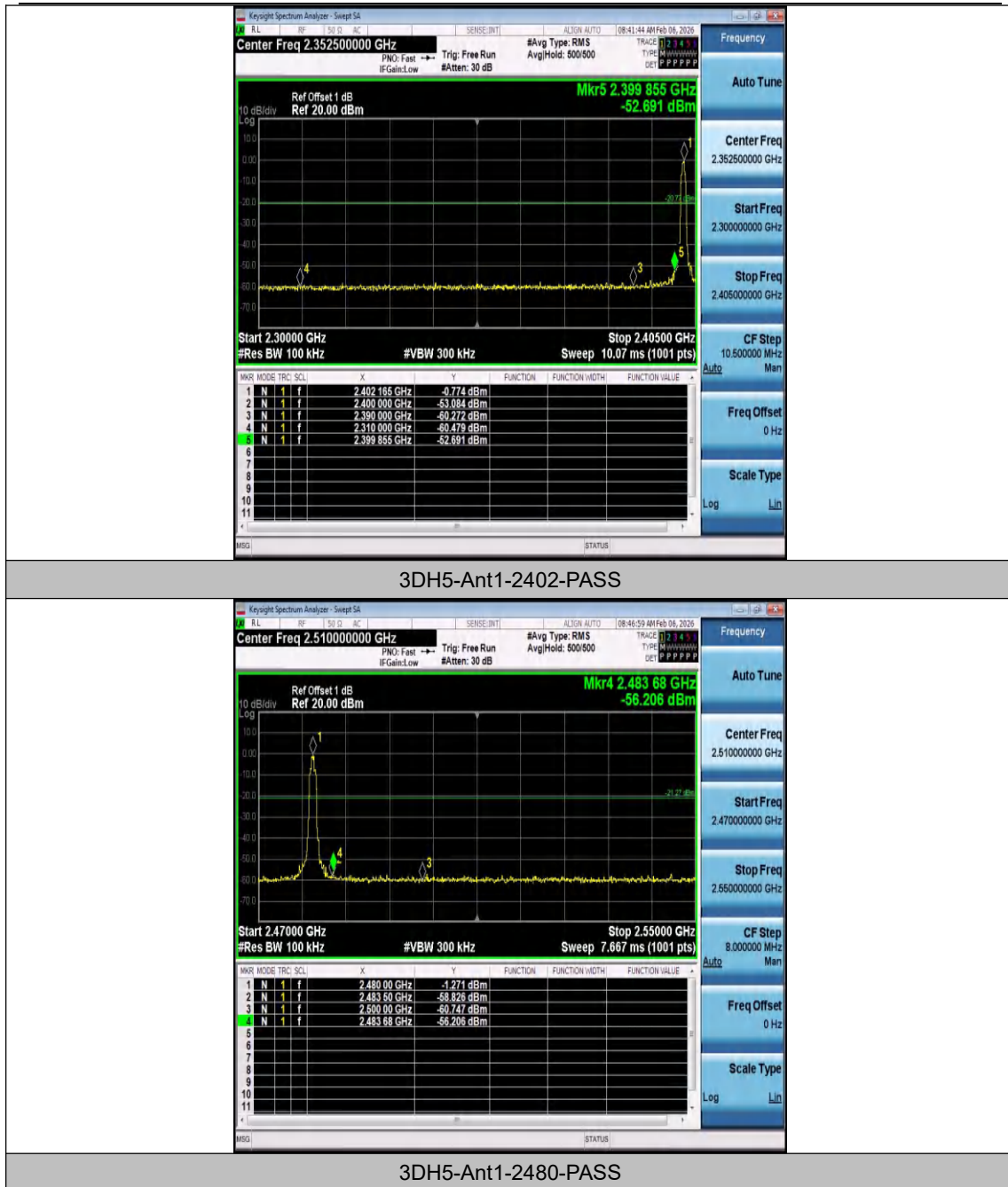
Test Graphs







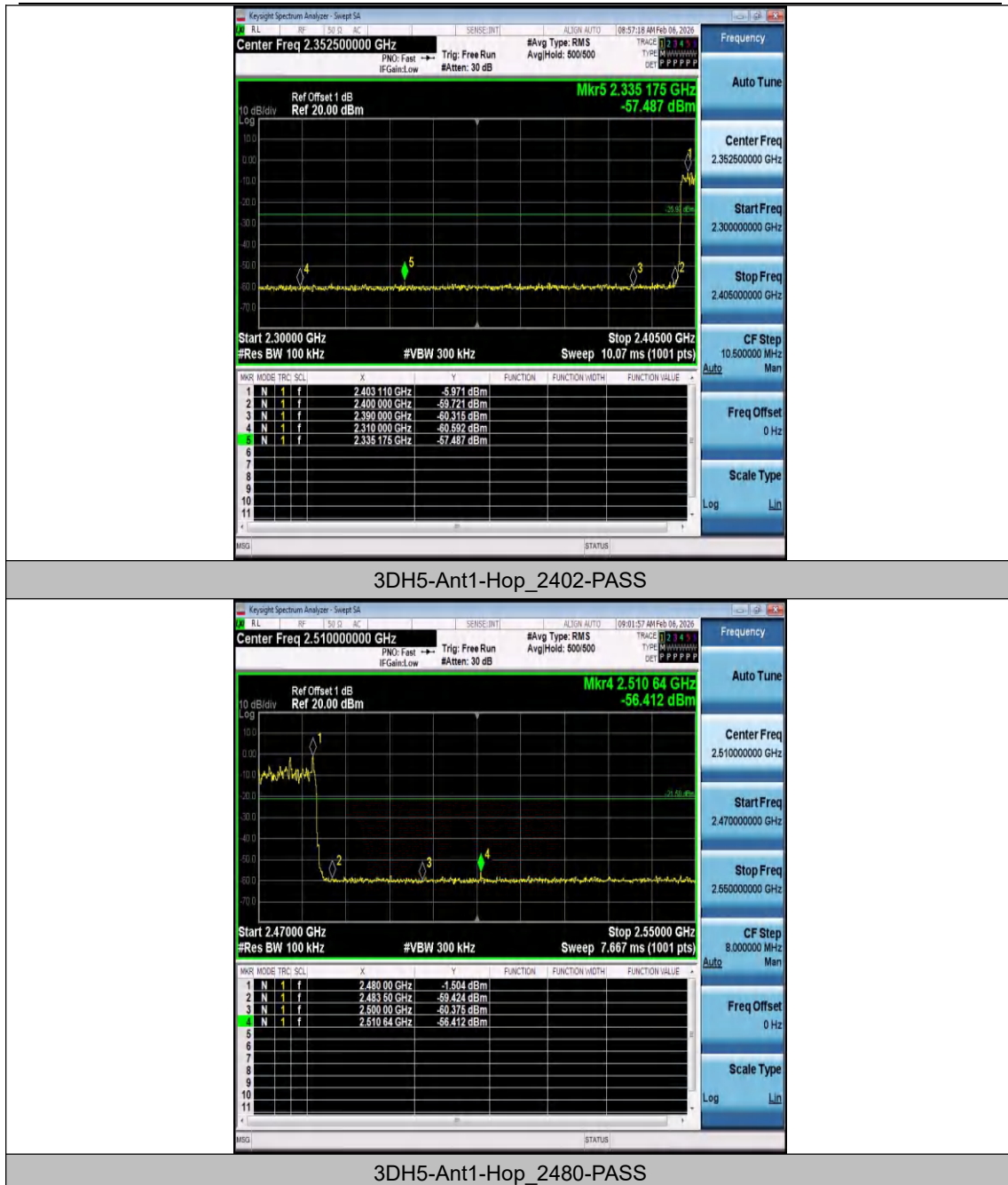




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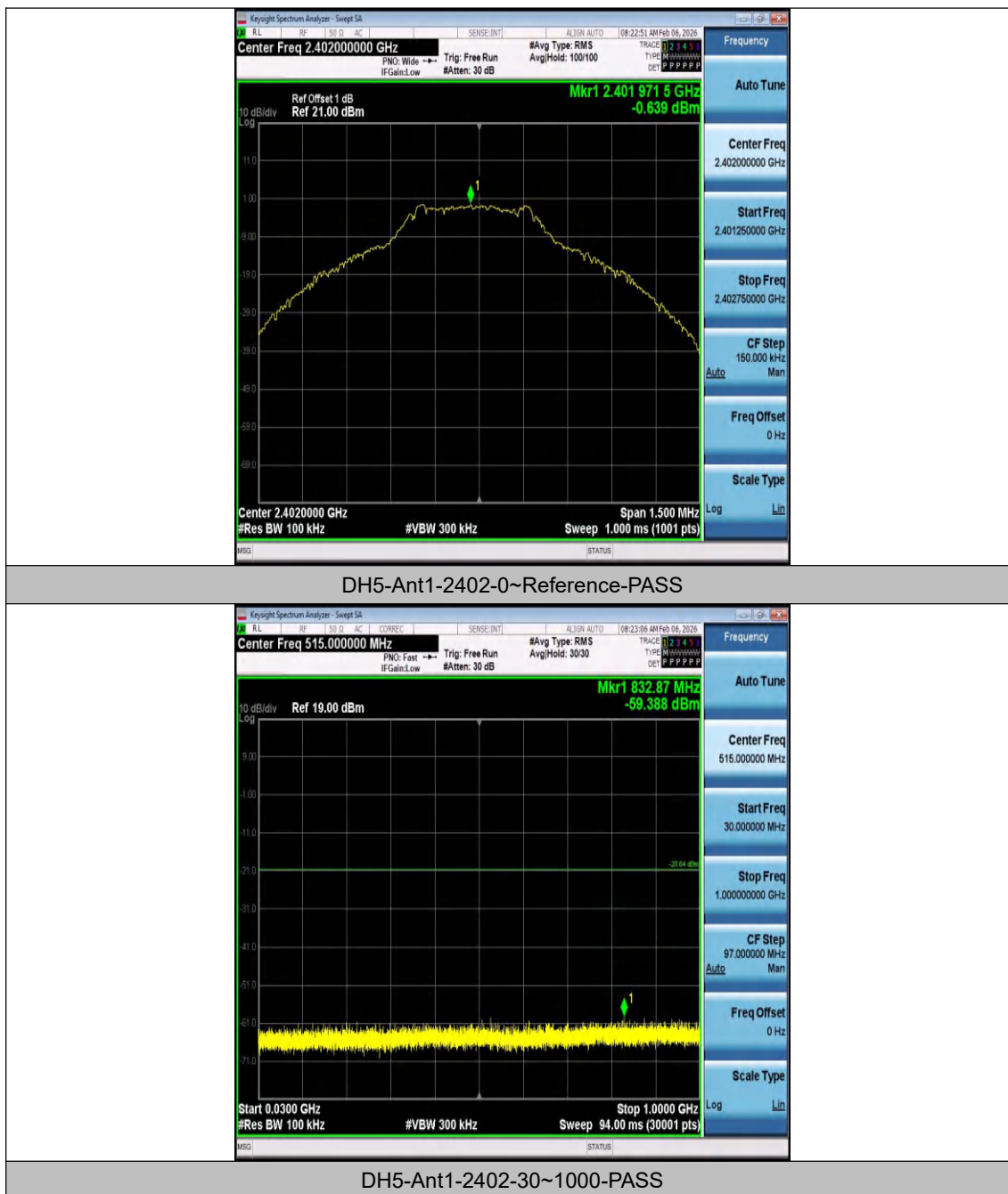
Appendix H: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency[MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	0~Reference	-0.64	-0.64	---	PASS
DH5	Ant1	2402	30~1000	-0.64	-59.39	≤-20.64	PASS
DH5	Ant1	2402	1000~26500	-0.64	-28.08	≤-20.64	PASS
DH5	Ant1	2441	0~Reference	-0.84	-0.84	---	PASS
DH5	Ant1	2441	30~1000	-0.84	-59.39	≤-20.84	PASS
DH5	Ant1	2441	1000~26500	-0.84	-29.2	≤-20.84	PASS
DH5	Ant1	2480	0~Reference	-1.30	-1.30	---	PASS
DH5	Ant1	2480	30~1000	-1.30	-59.43	≤-21.3	PASS
DH5	Ant1	2480	1000~26500	-1.30	-28.07	≤-21.3	PASS
2DH5	Ant1	2402	0~Reference	-0.75	-0.75	---	PASS
2DH5	Ant1	2402	30~1000	-0.75	-59.62	≤-20.75	PASS
2DH5	Ant1	2402	1000~26500	-0.75	-33.74	≤-20.75	PASS
2DH5	Ant1	2441	0~Reference	-0.99	-0.99	---	PASS
2DH5	Ant1	2441	30~1000	-0.99	-58.65	≤-20.99	PASS
2DH5	Ant1	2441	1000~26500	-0.99	-32.72	≤-20.99	PASS
2DH5	Ant1	2480	0~Reference	-1.45	-1.45	---	PASS
2DH5	Ant1	2480	30~1000	-1.45	-59.36	≤-21.45	PASS
2DH5	Ant1	2480	1000~26500	-1.45	-37.32	≤-21.45	PASS
3DH5	Ant1	2402	0~Reference	-0.72	-0.72	---	PASS
3DH5	Ant1	2402	30~1000	-0.72	-59.67	≤-20.72	PASS
3DH5	Ant1	2402	1000~26500	-0.72	-29.14	≤-20.72	PASS
3DH5	Ant1	2441	0~Reference	-1.17	-1.17	---	PASS
3DH5	Ant1	2441	30~1000	-1.17	-59.71	≤-21.17	PASS
3DH5	Ant1	2441	1000~26500	-1.17	-27.99	≤-21.17	PASS
3DH5	Ant1	2480	0~Reference	-1.38	-1.38	---	PASS
3DH5	Ant1	2480	30~1000	-1.38	-59.15	≤-21.38	PASS
3DH5	Ant1	2480	1000~26500	-1.38	-33.38	≤-21.38	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.

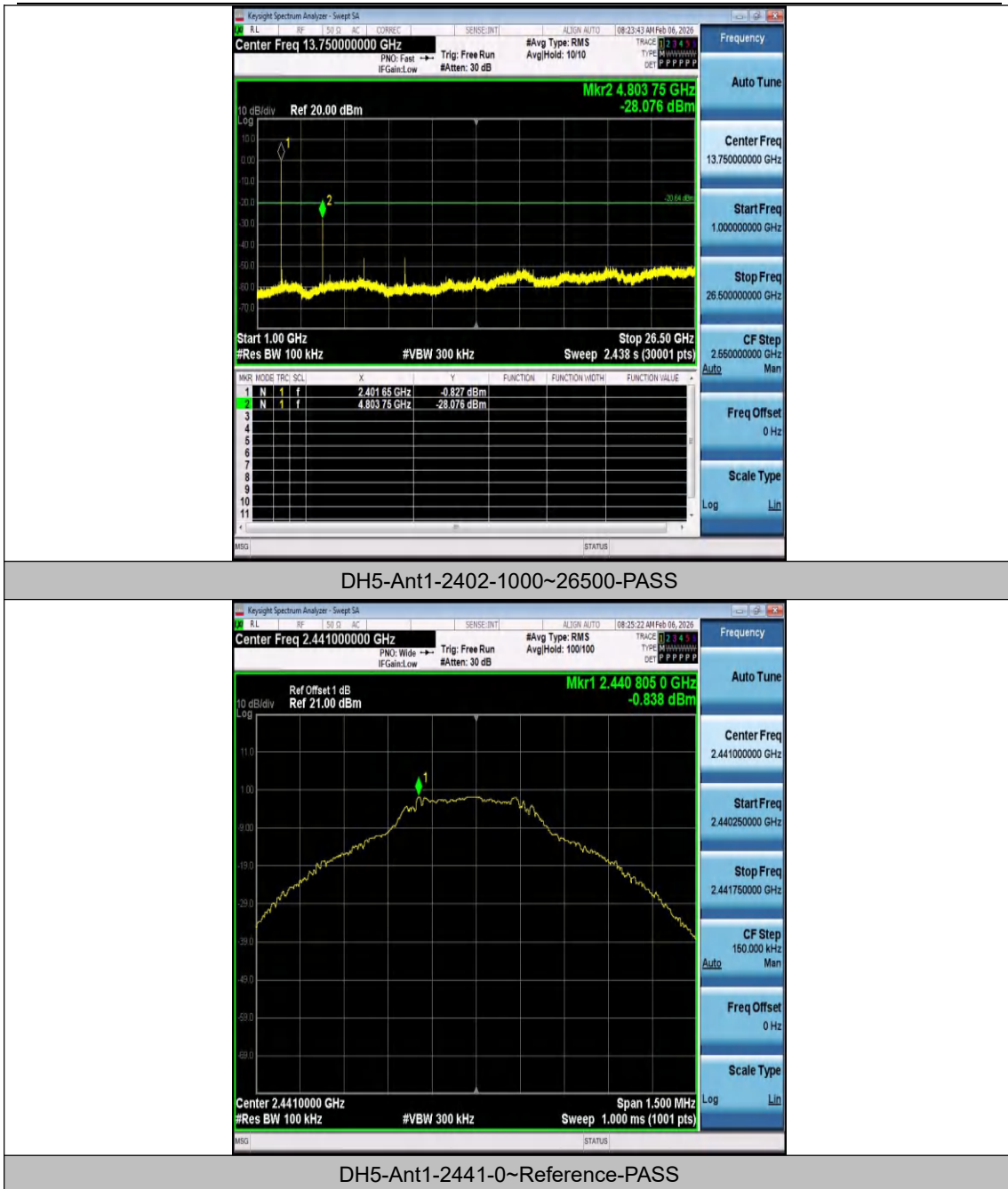
Test Graphs



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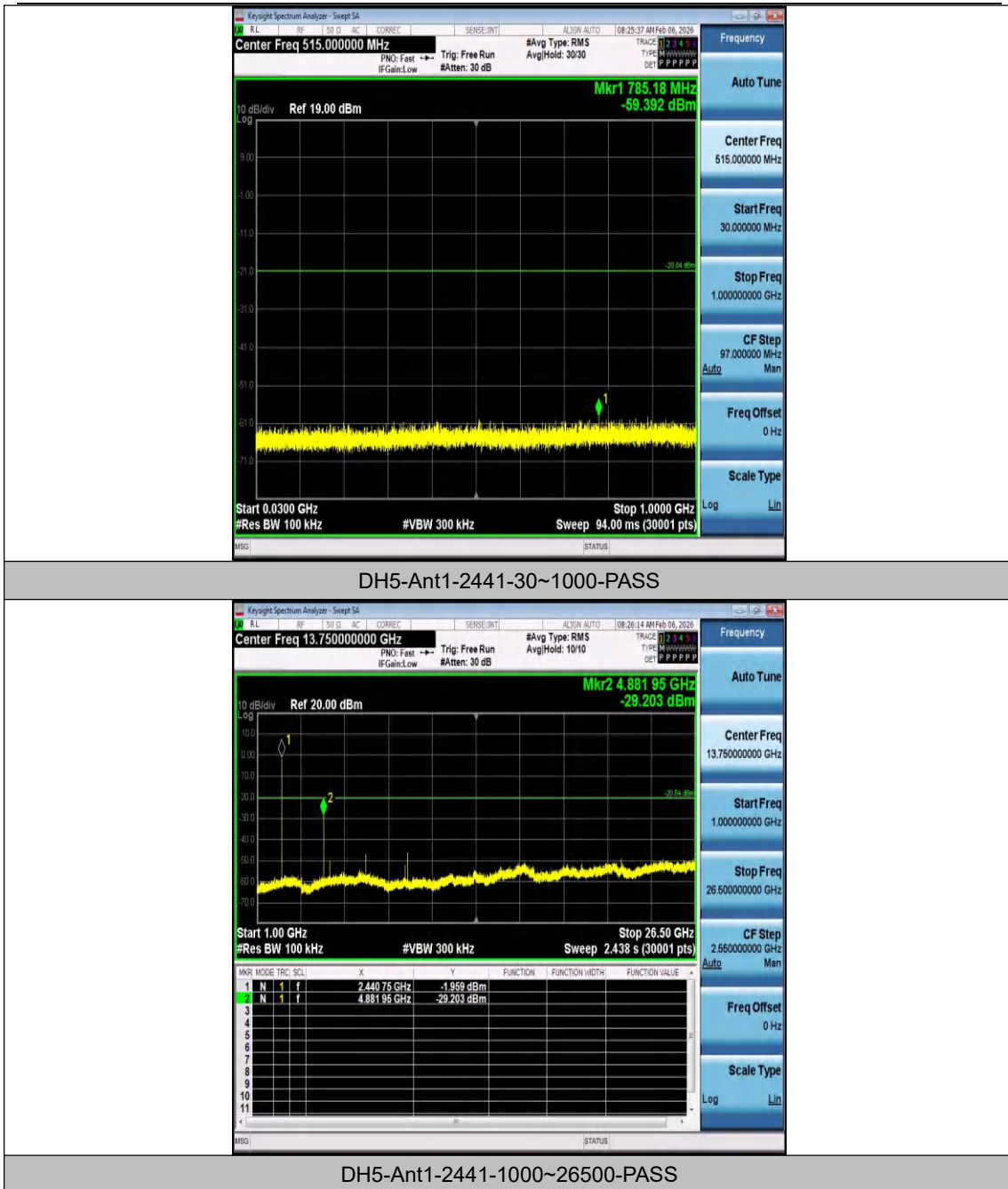
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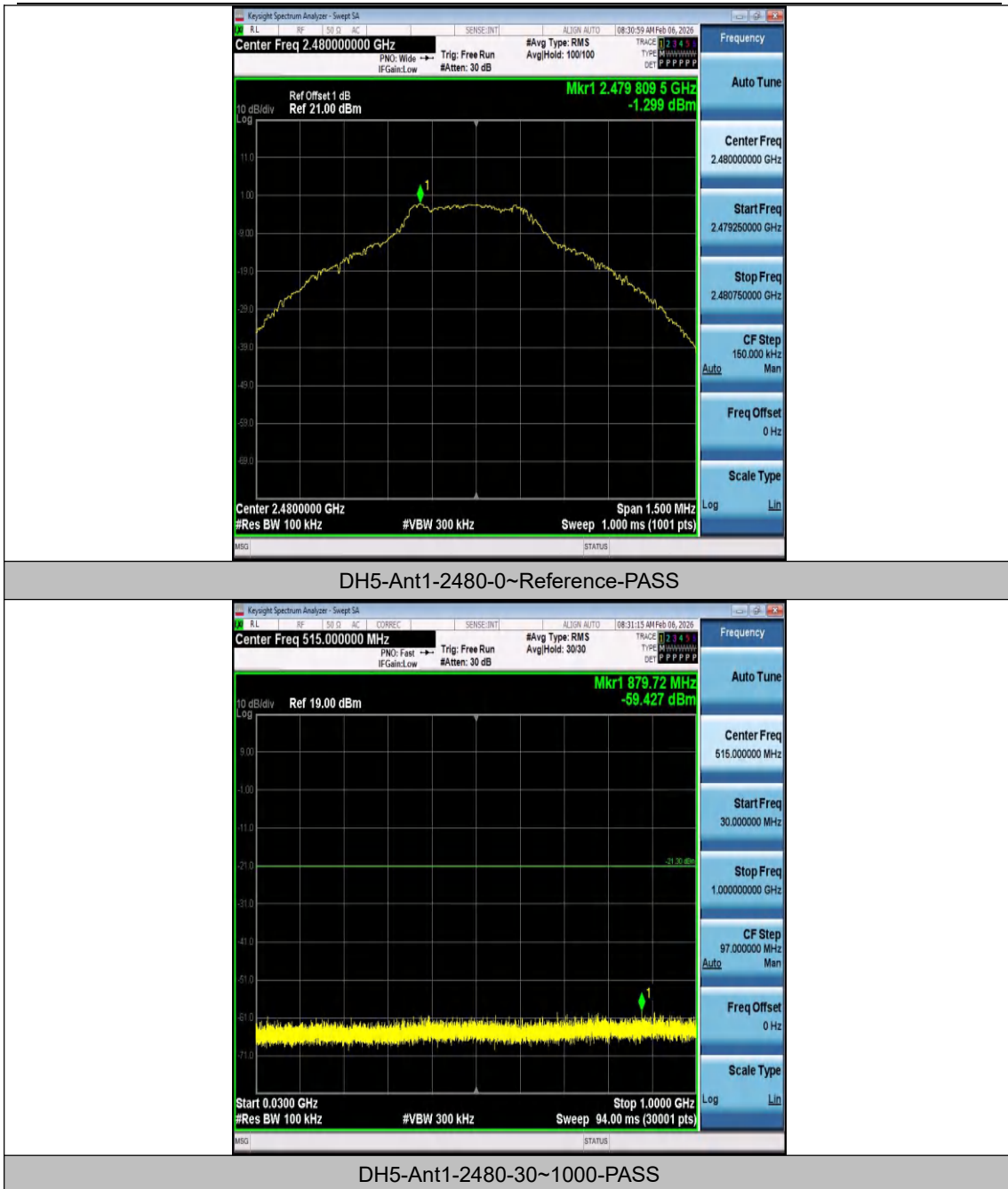
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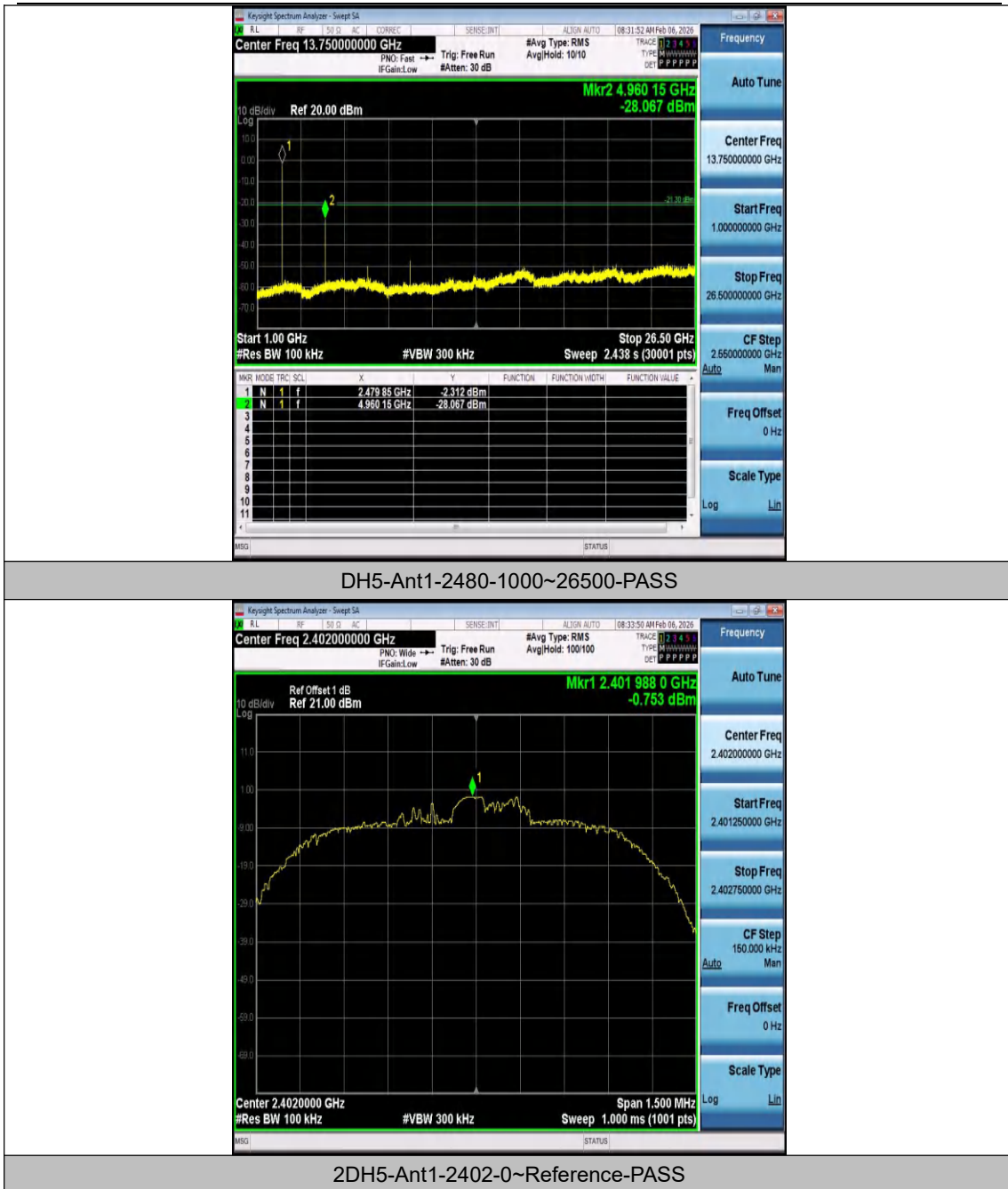
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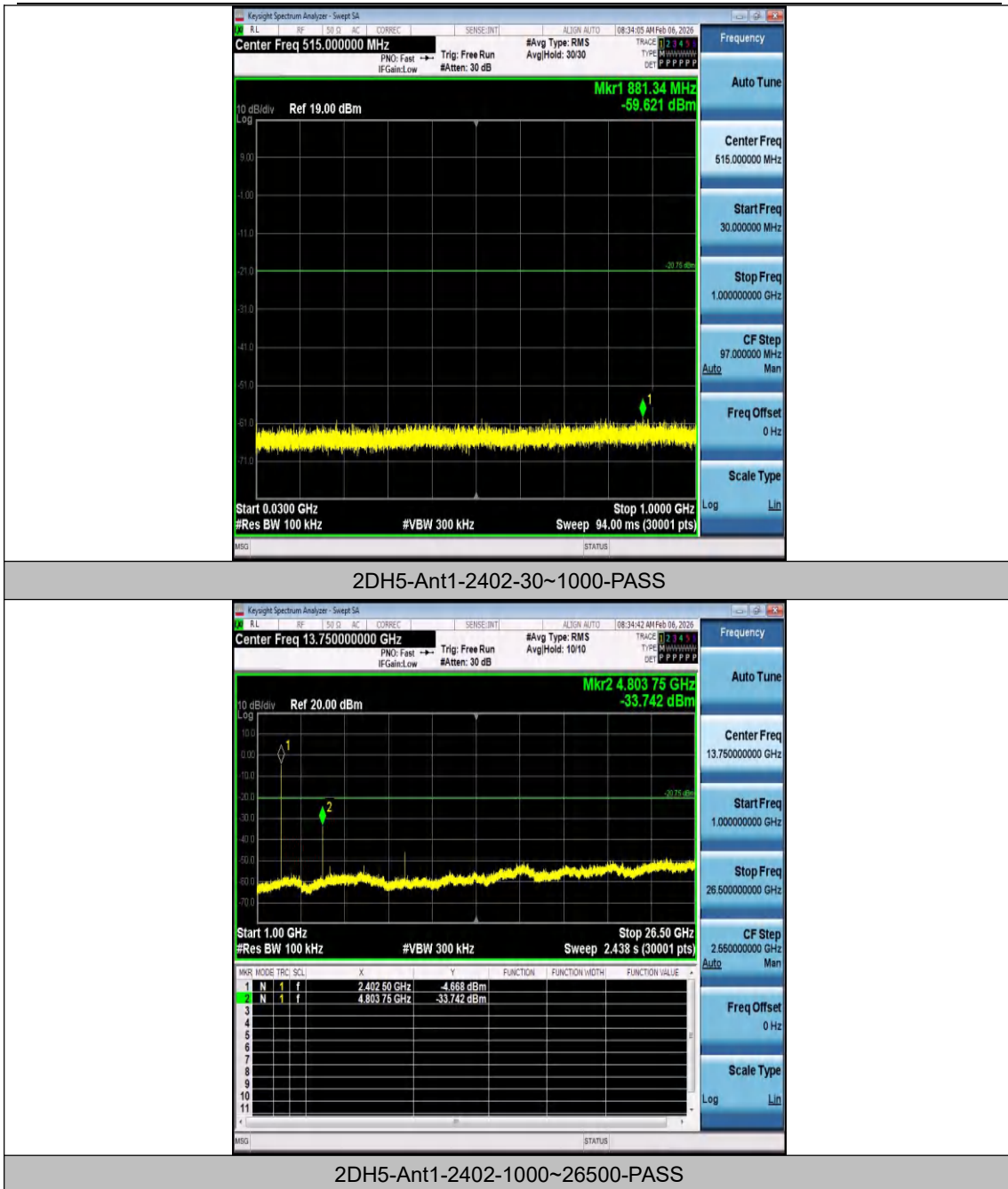
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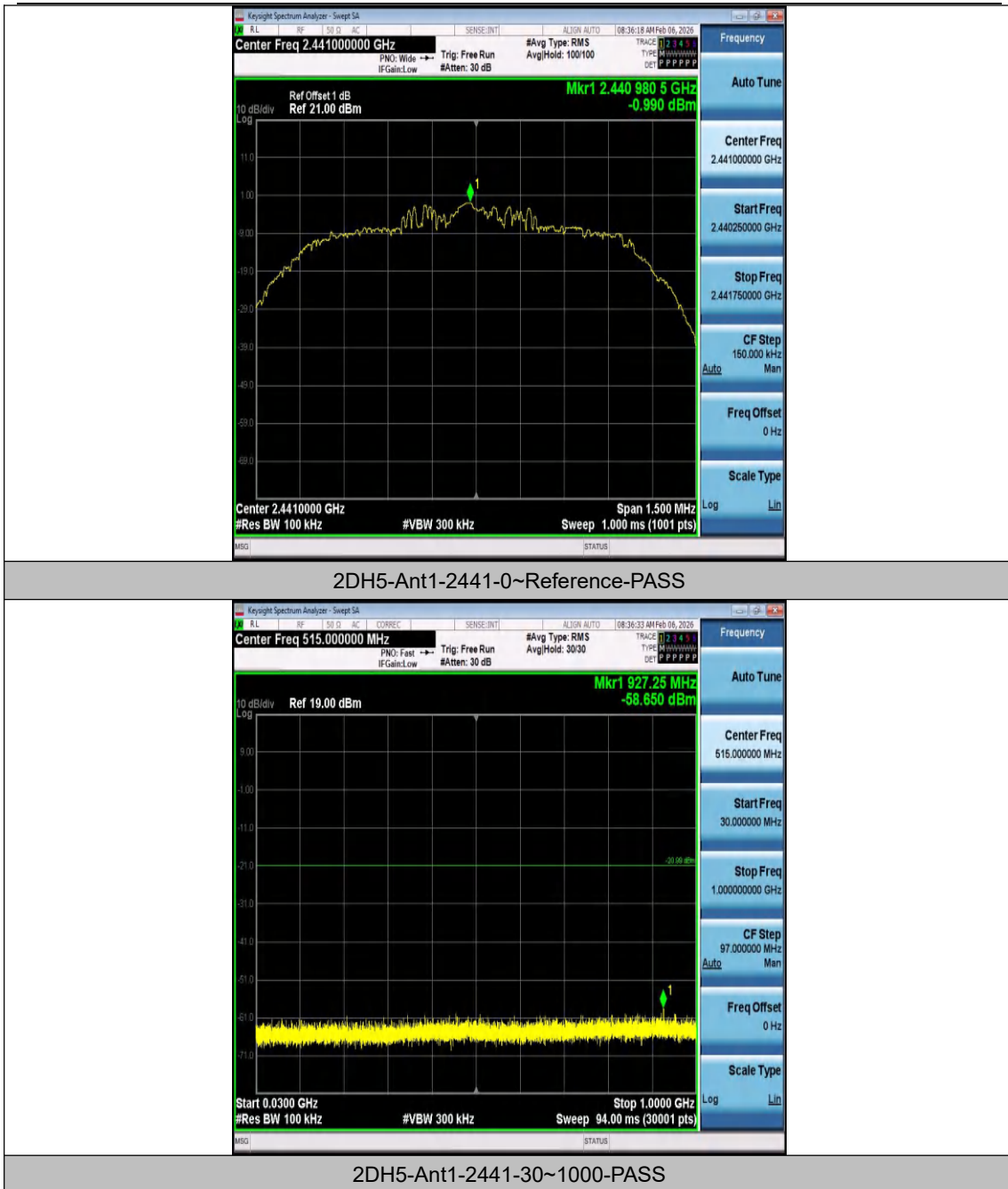
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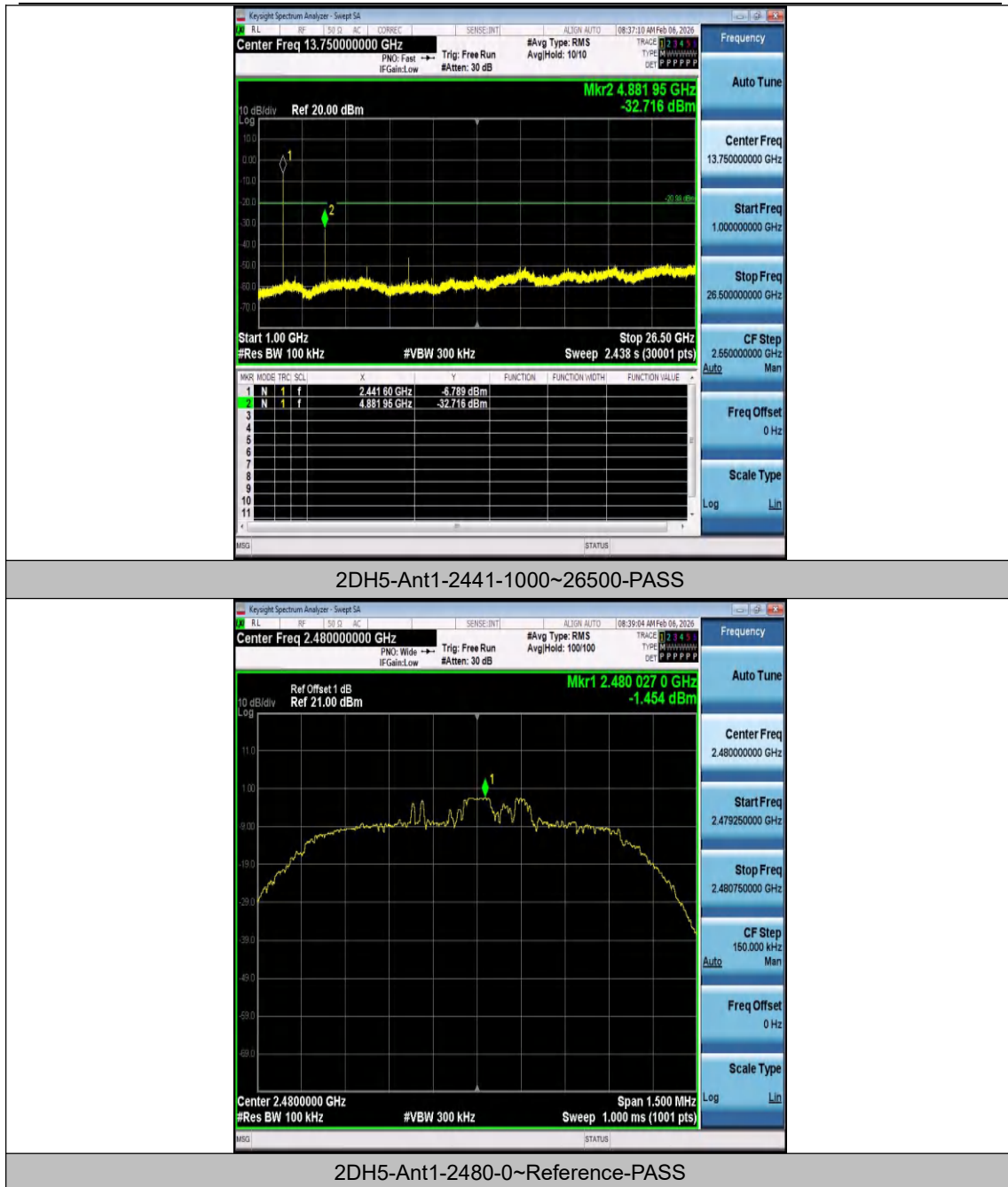
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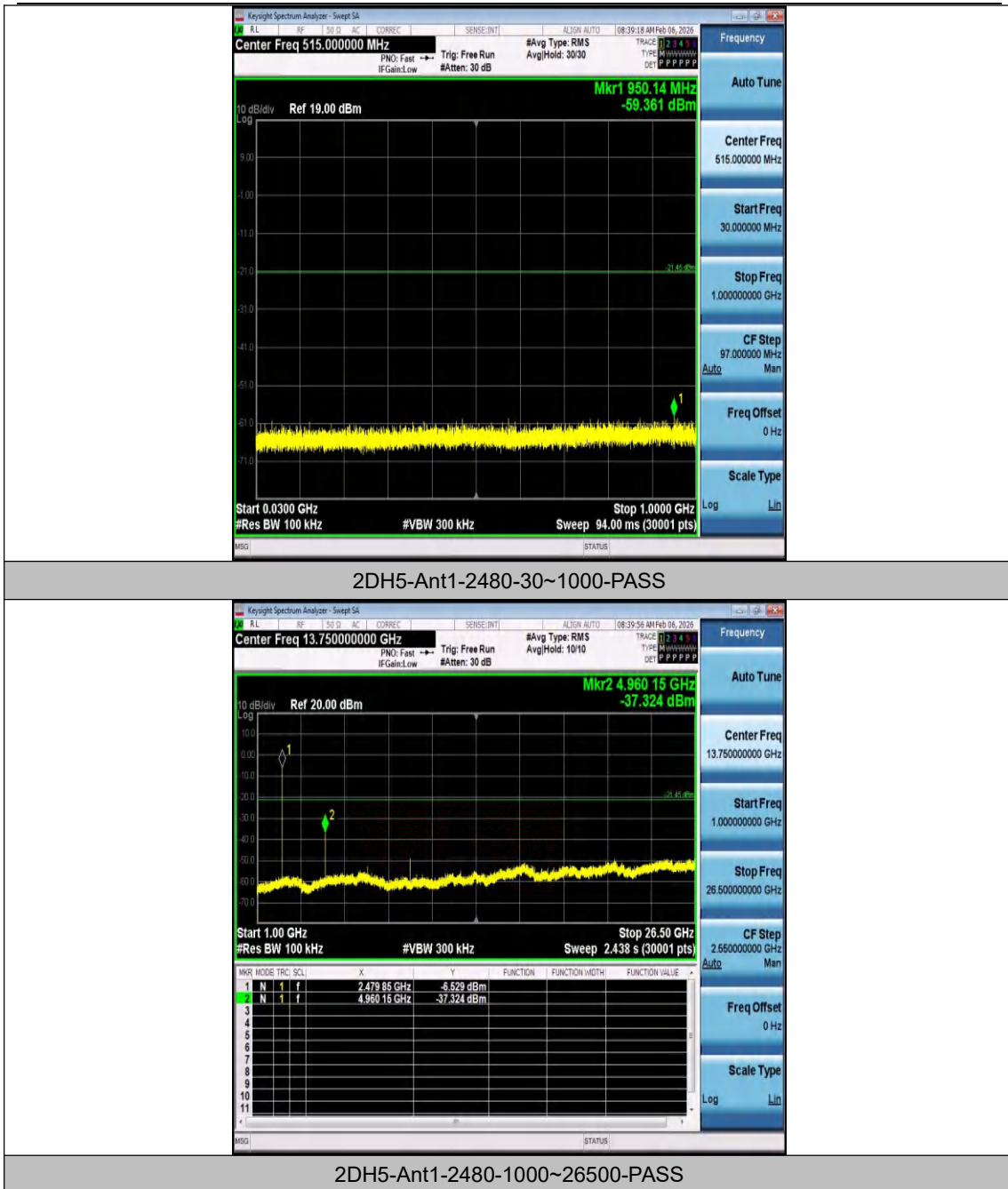


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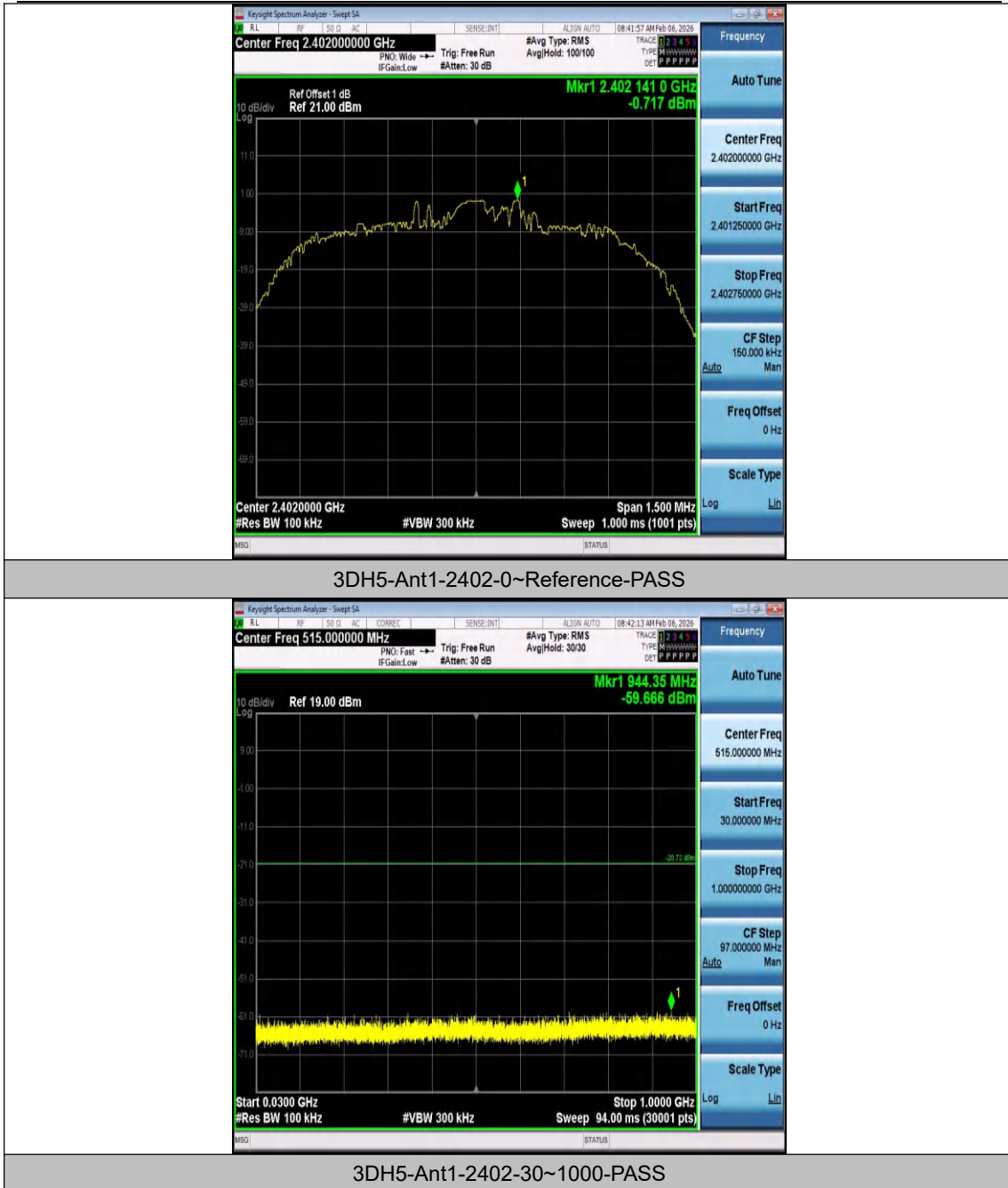




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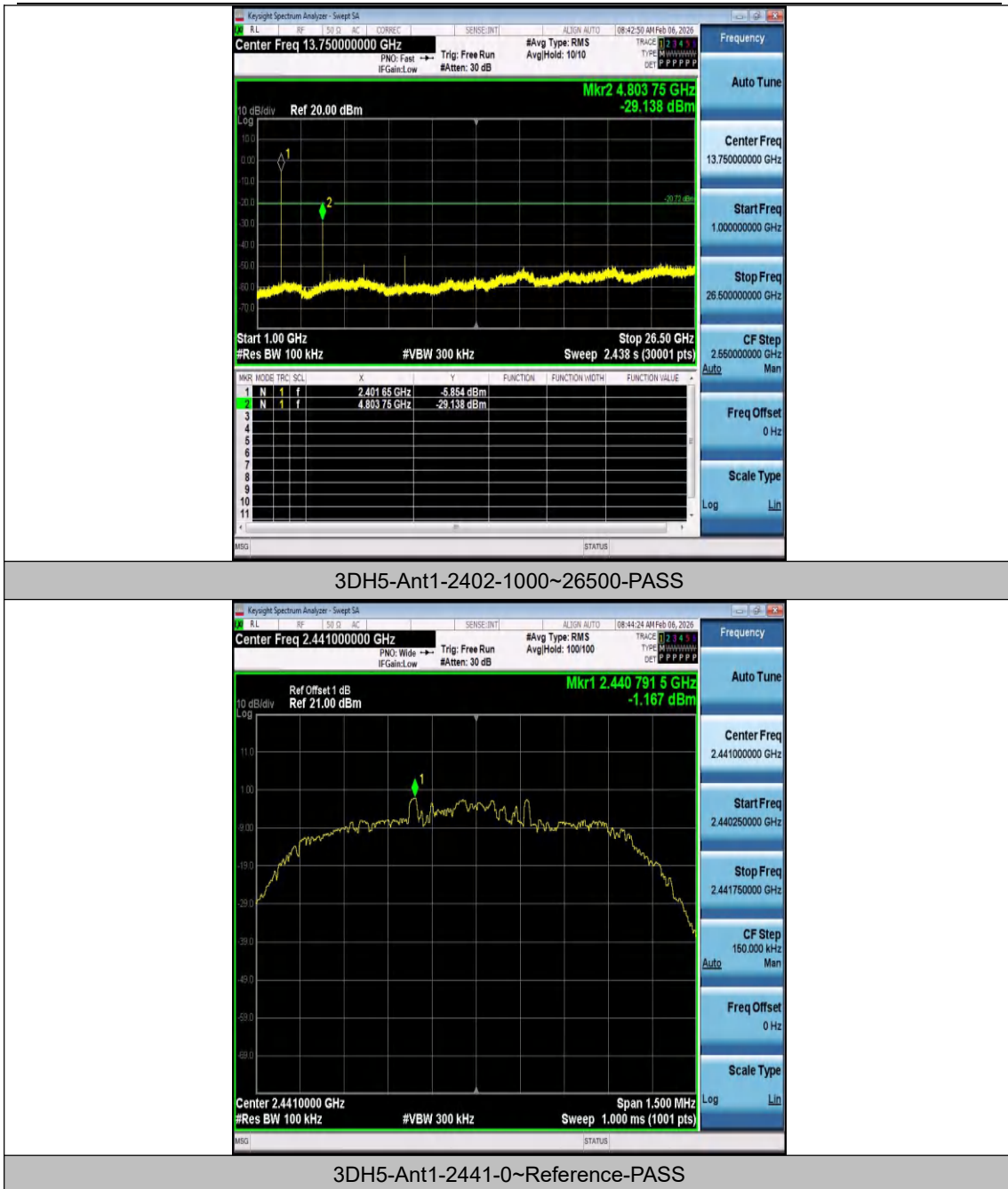
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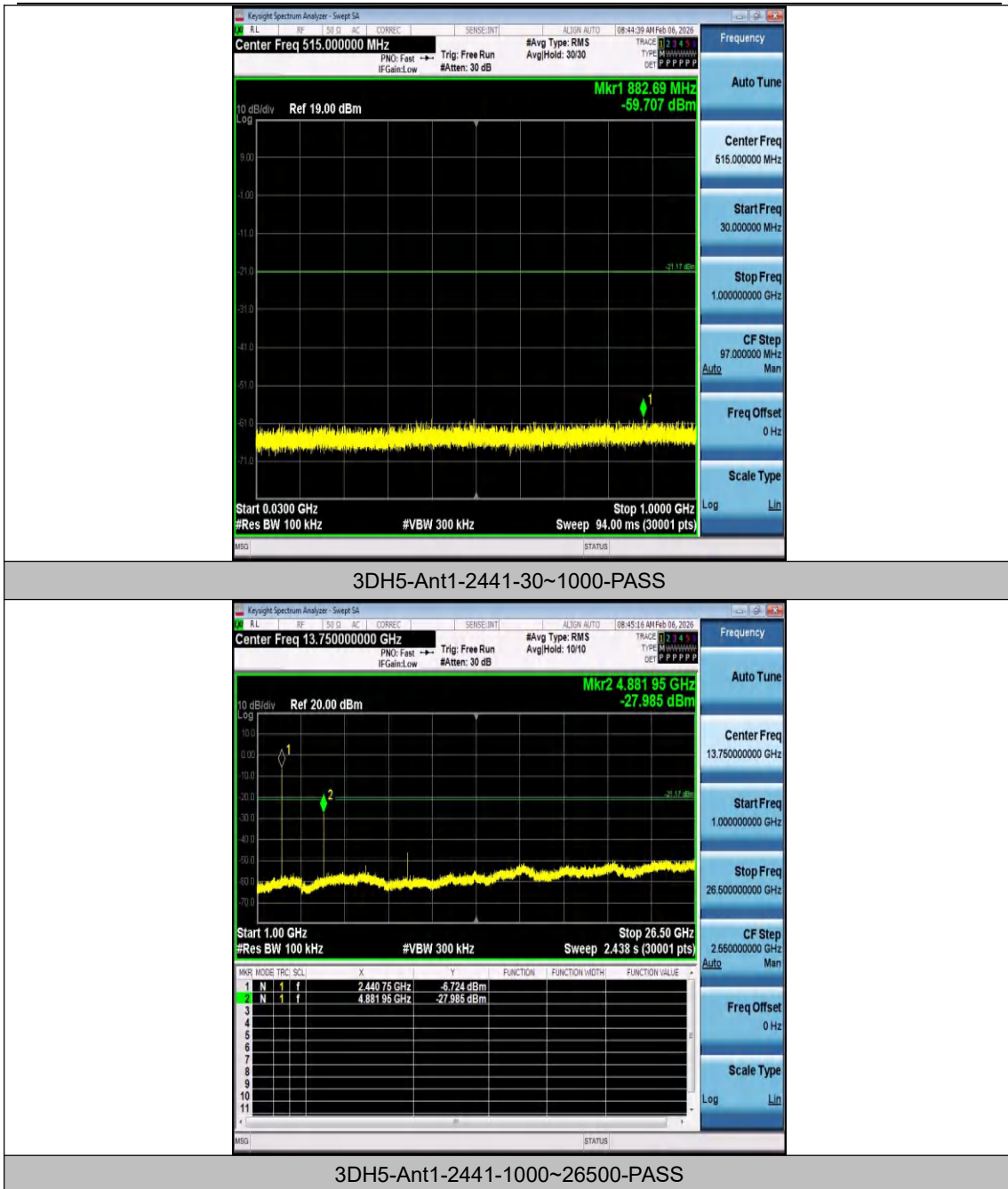
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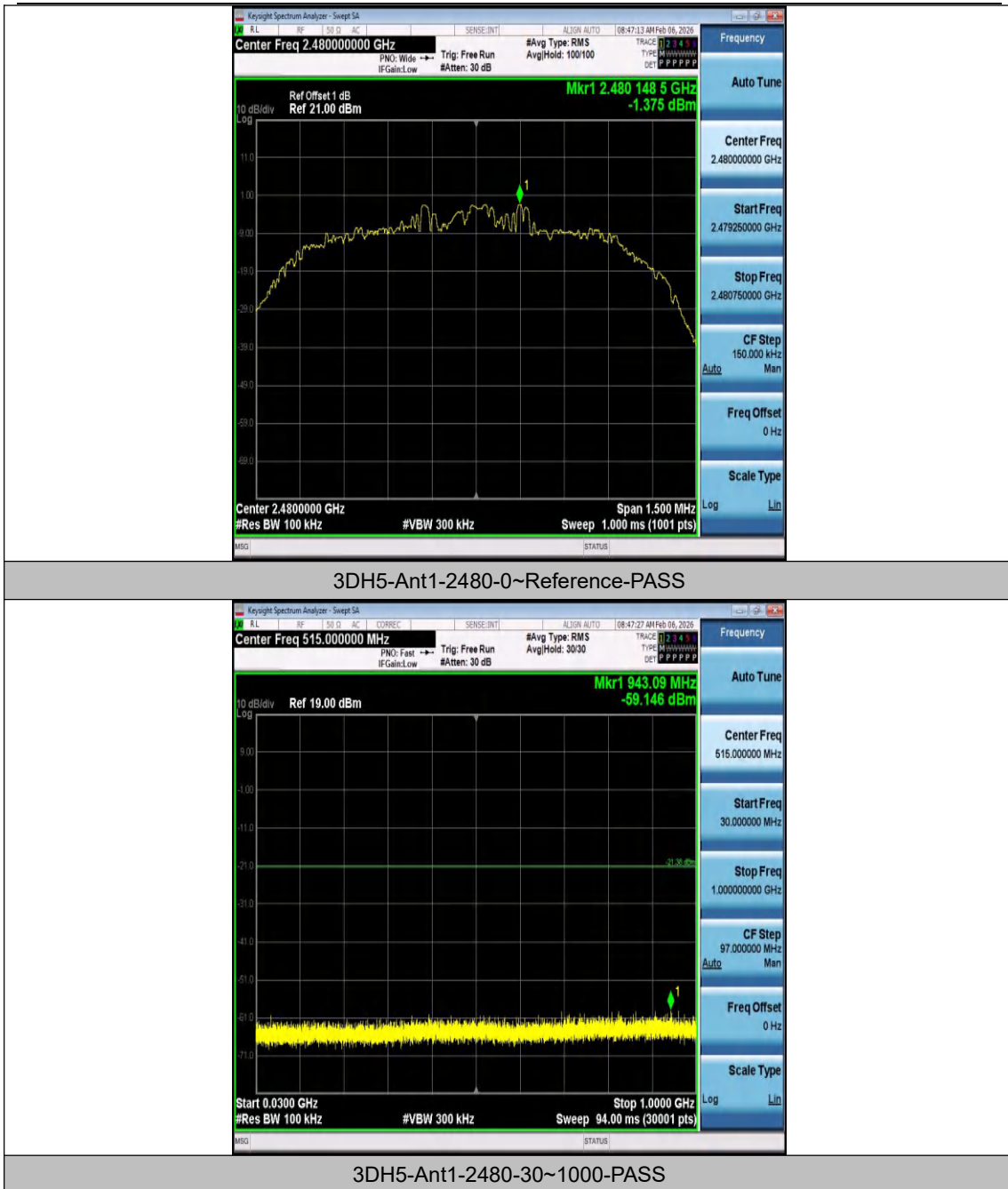
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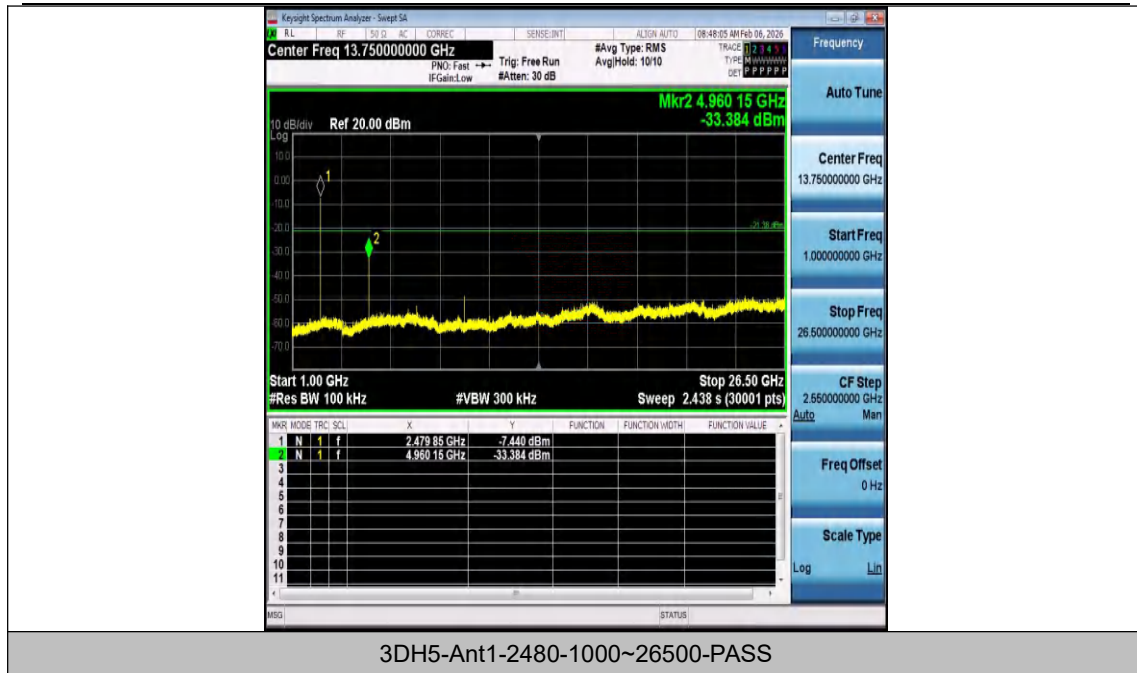
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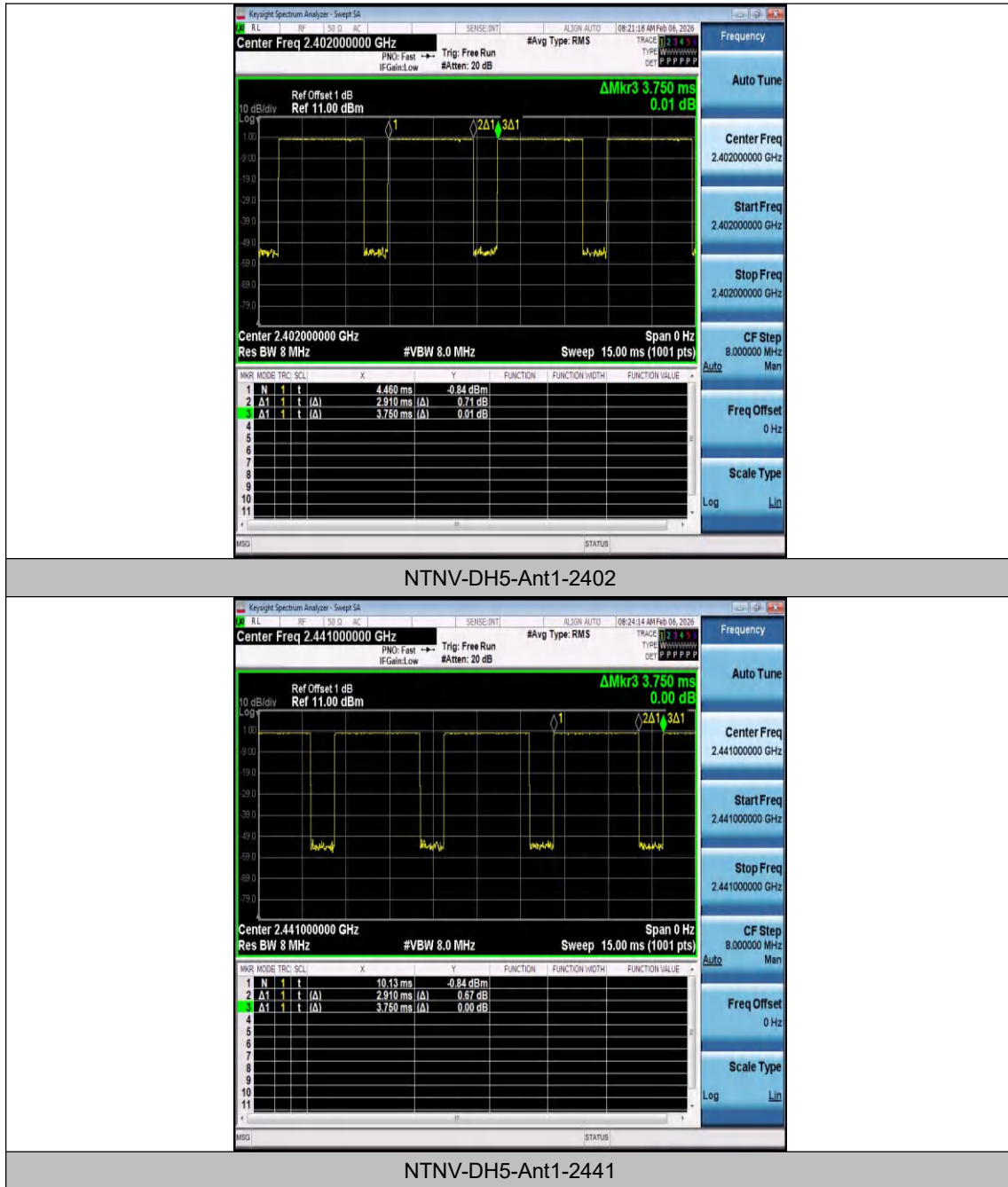
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Appendix I: Duty Cycle

Test Result

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

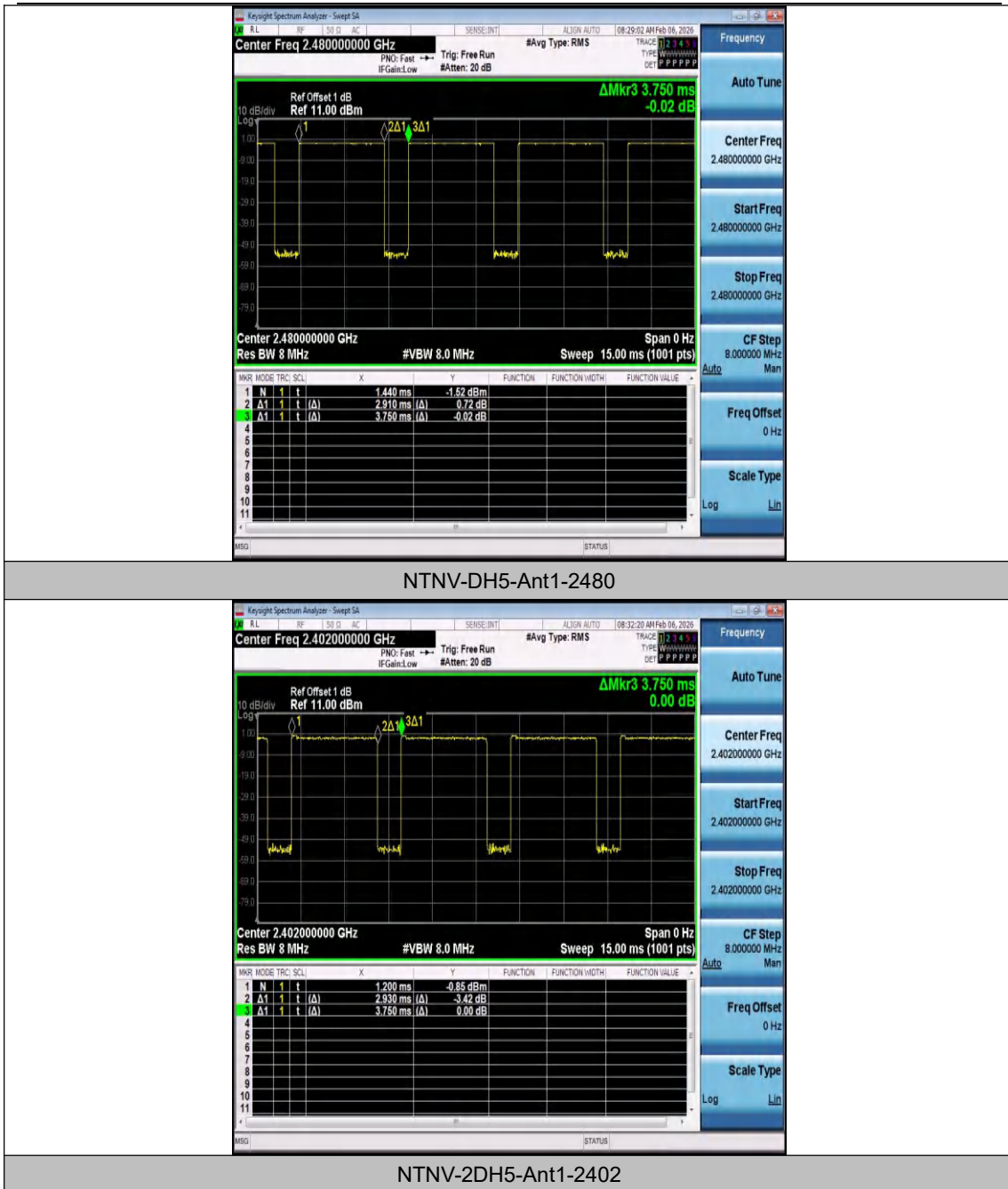
Test Graphs



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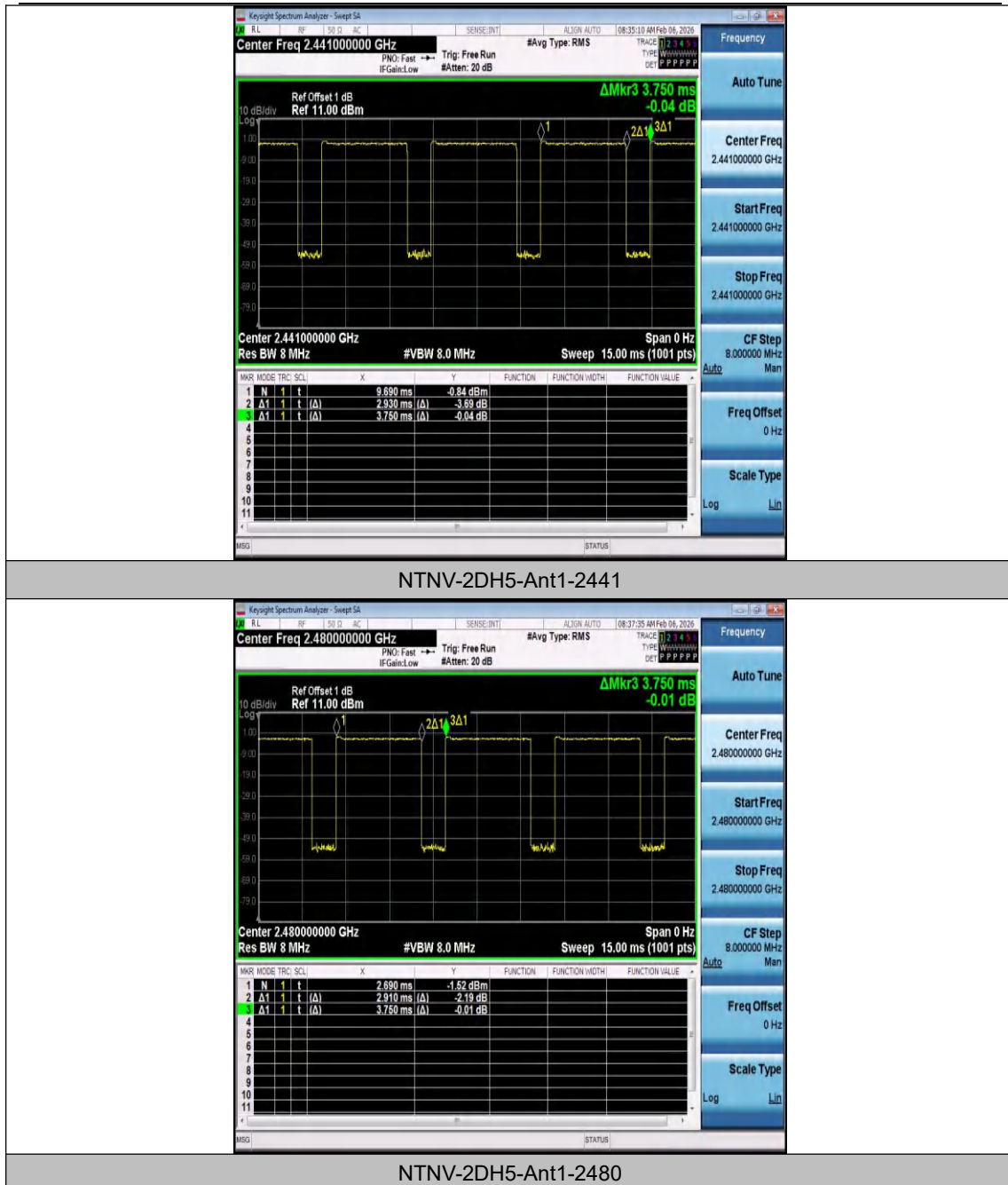
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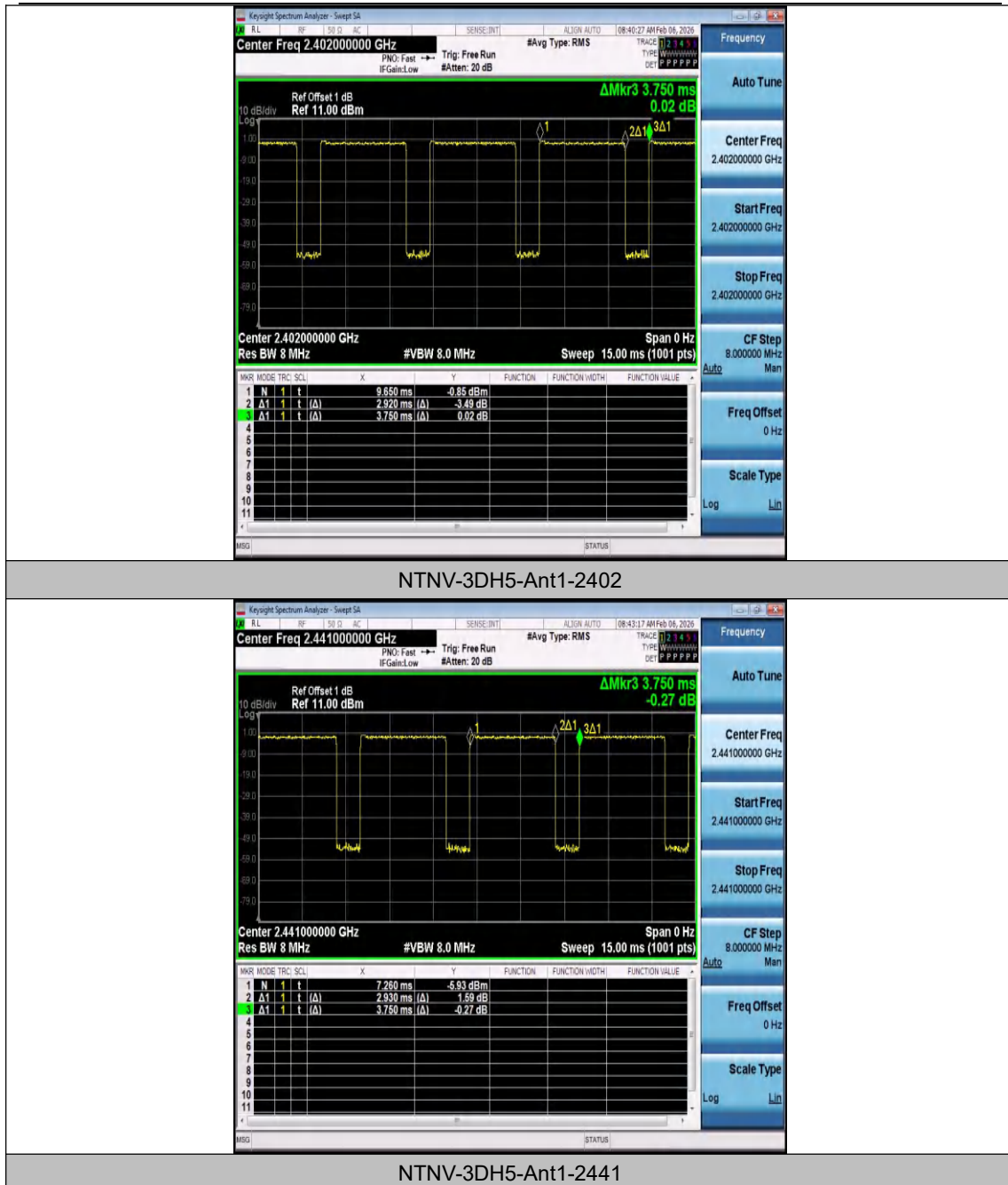


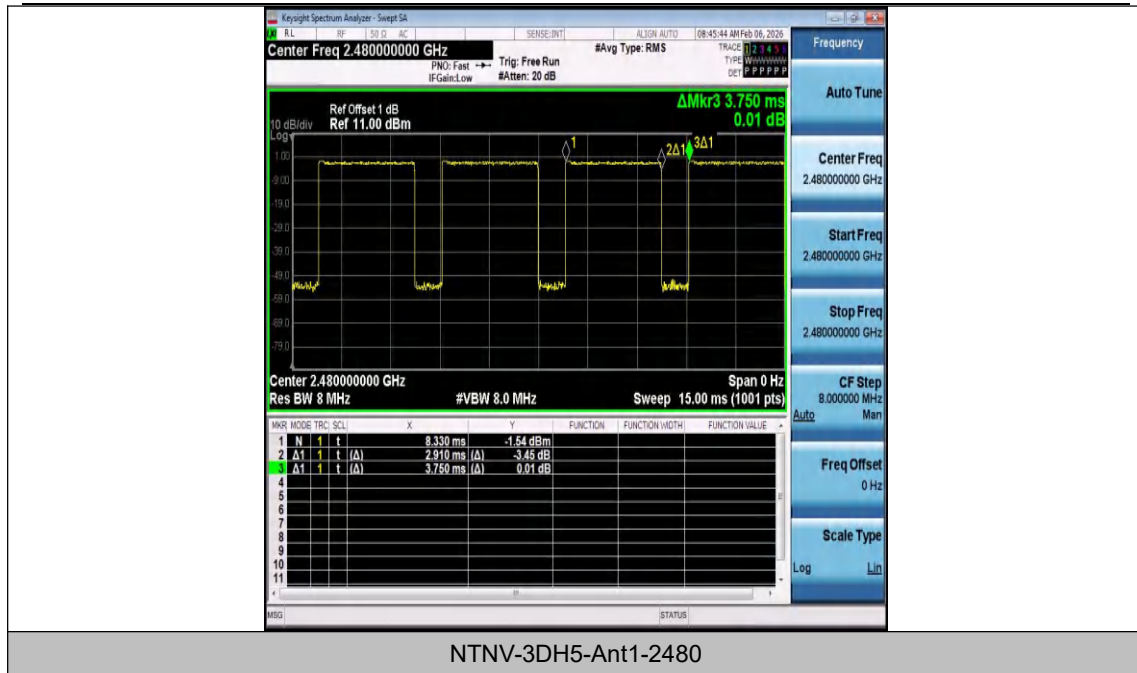
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NTNV-3DH5-Ant1-2480

---End---