

Appendix Test Data

Report No.:	1819C60090112501-01	Test Sample No.:	1-2-2
Start Test Date:	2026-7-31	Finish Test Date:	2026-8-5
Test Engineer:	Pearl Ao	Auditor:	Justin Feng
Temperature:	24.5°C	Relative Humidity:	70%
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	0.954	2401.532	2402.486	---	---
DH5	Ant1	2441	0.954	2440.529	2441.483	---	---
DH5	Ant1	2480	0.933	2479.532	2480.465	---	---
2DH5	Ant1	2402	1.287	2401.358	2402.645	---	---
2DH5	Ant1	2441	1.311	2440.337	2441.648	---	---
2DH5	Ant1	2480	1.317	2479.331	2480.648	---	---
3DH5	Ant1	2402	1.314	2401.340	2402.654	---	---
3DH5	Ant1	2441	1.302	2440.343	2441.645	---	---
3DH5	Ant1	2480	1.314	2479.337	2480.651	---	---

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	0.86544	2401.5611	2402.4265	---	---
DH5	Ant1	2441	0.86087	2440.5624	2441.4232	---	---
DH5	Ant1	2480	0.86850	2479.5571	2480.4256	---	---
2DH5	Ant1	2402	1.1746	2401.4039	2402.5785	---	---
2DH5	Ant1	2441	1.1835	2440.4030	2441.5865	---	---
2DH5	Ant1	2480	1.1804	2479.4010	2480.5814	---	---
3DH5	Ant1	2402	1.1835	2401.4019	2402.5854	---	---
3DH5	Ant1	2441	1.1921	2440.3934	2441.5855	---	---
3DH5	Ant1	2480	1.2119	2479.3833	2480.5952	---	---

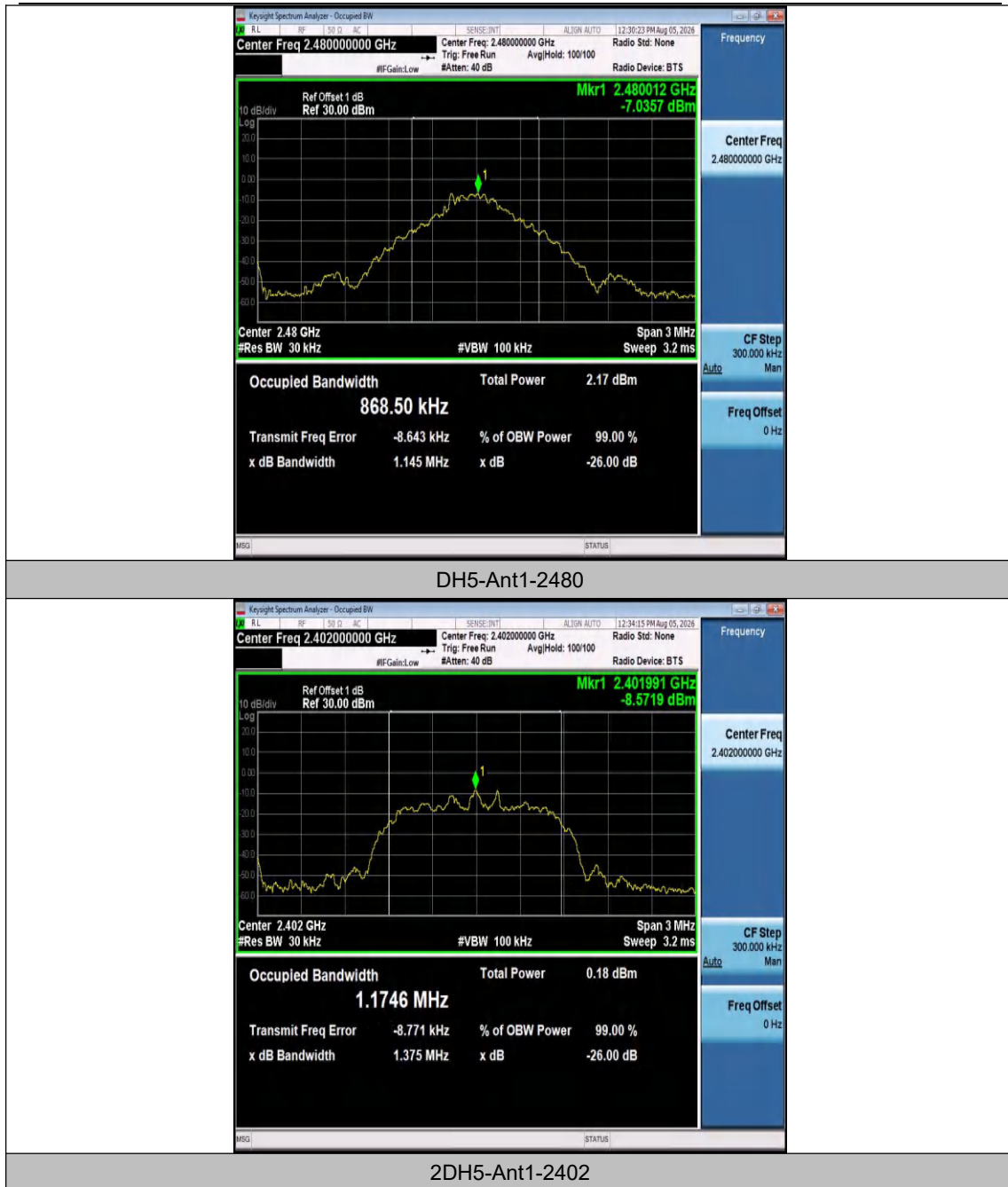
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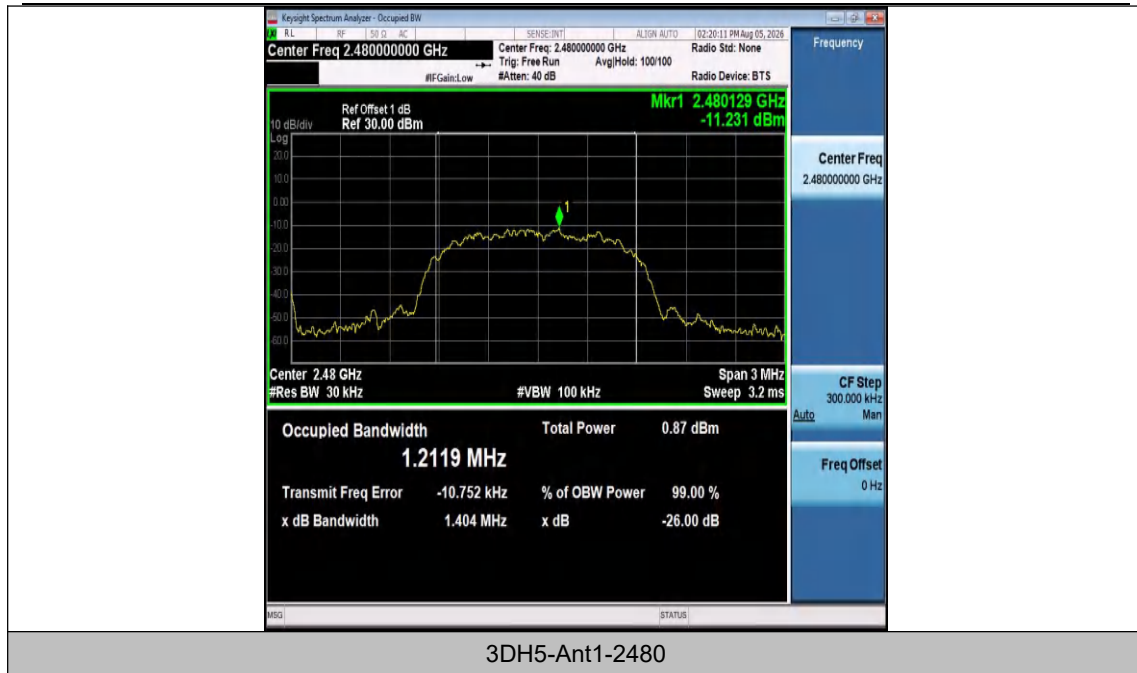
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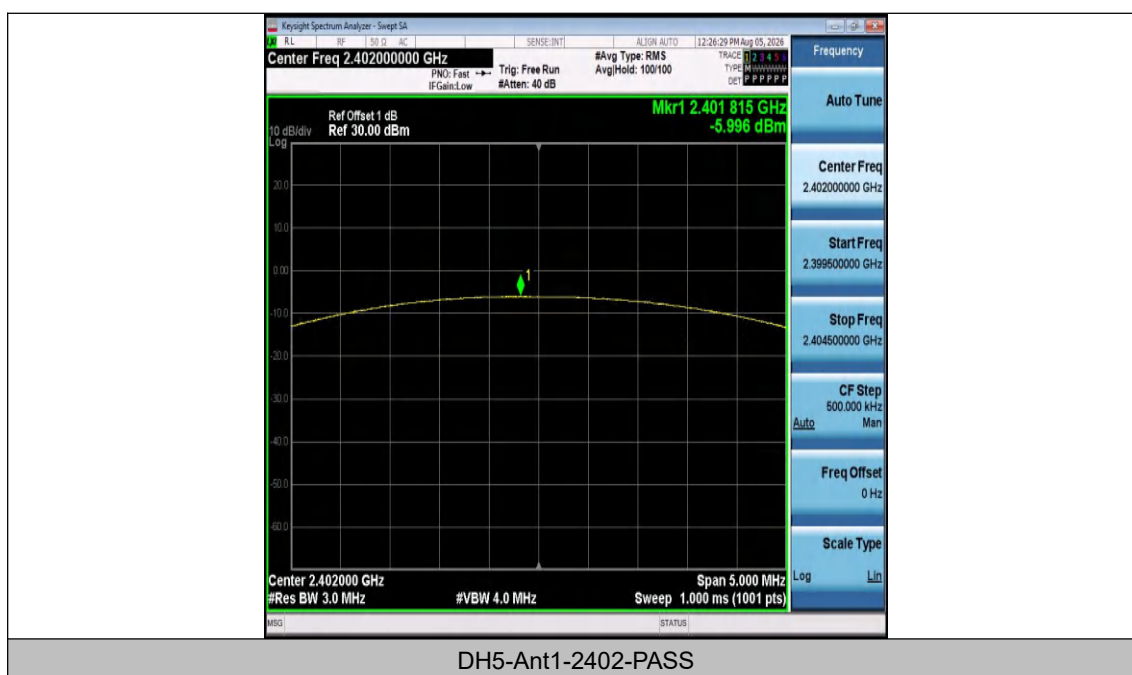
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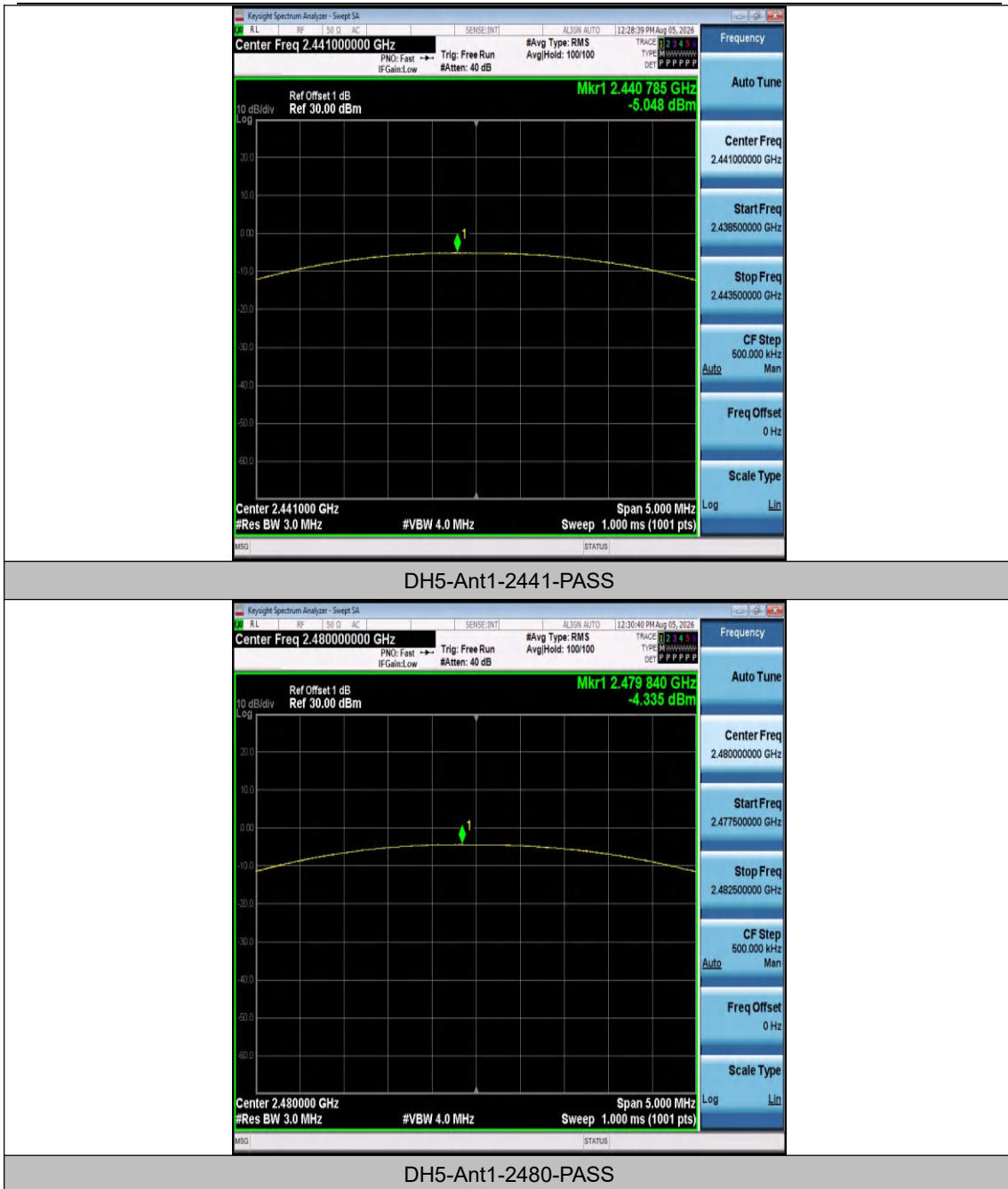
Appendix C: Maximum Conducted Output Power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	-6.00	≤20.97	PASS
DH5	Ant1	2441	-5.05	≤20.97	PASS
DH5	Ant1	2480	-4.34	≤20.97	PASS
2DH5	Ant1	2402	-5.10	≤20.97	PASS
2DH5	Ant1	2441	-4.22	≤20.97	PASS
2DH5	Ant1	2480	-3.53	≤20.97	PASS
3DH5	Ant1	2402	-4.74	≤20.97	PASS
3DH5	Ant1	2441	-3.76	≤20.97	PASS
3DH5	Ant1	2480	-3.00	≤20.97	PASS

Test Graphs

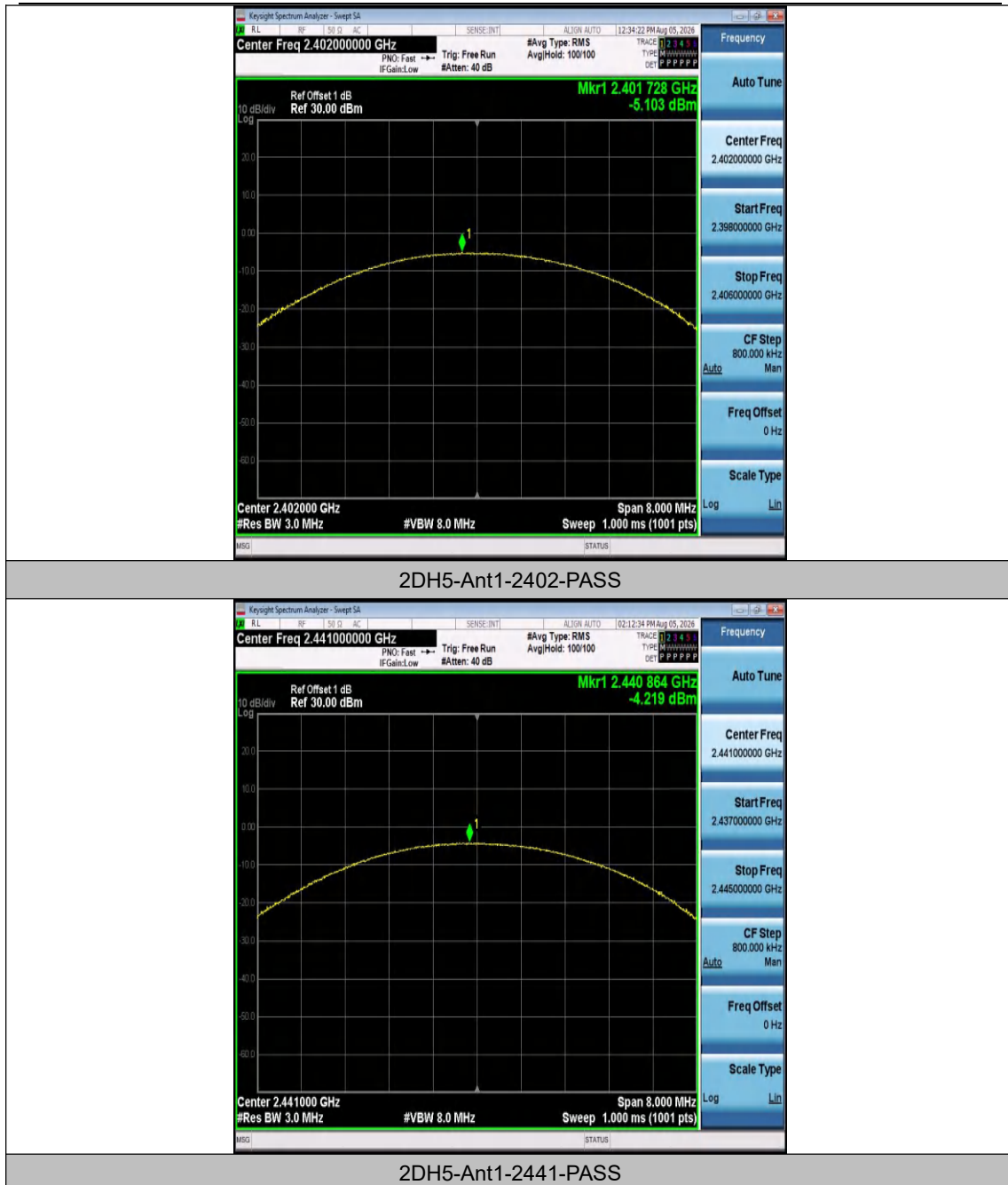




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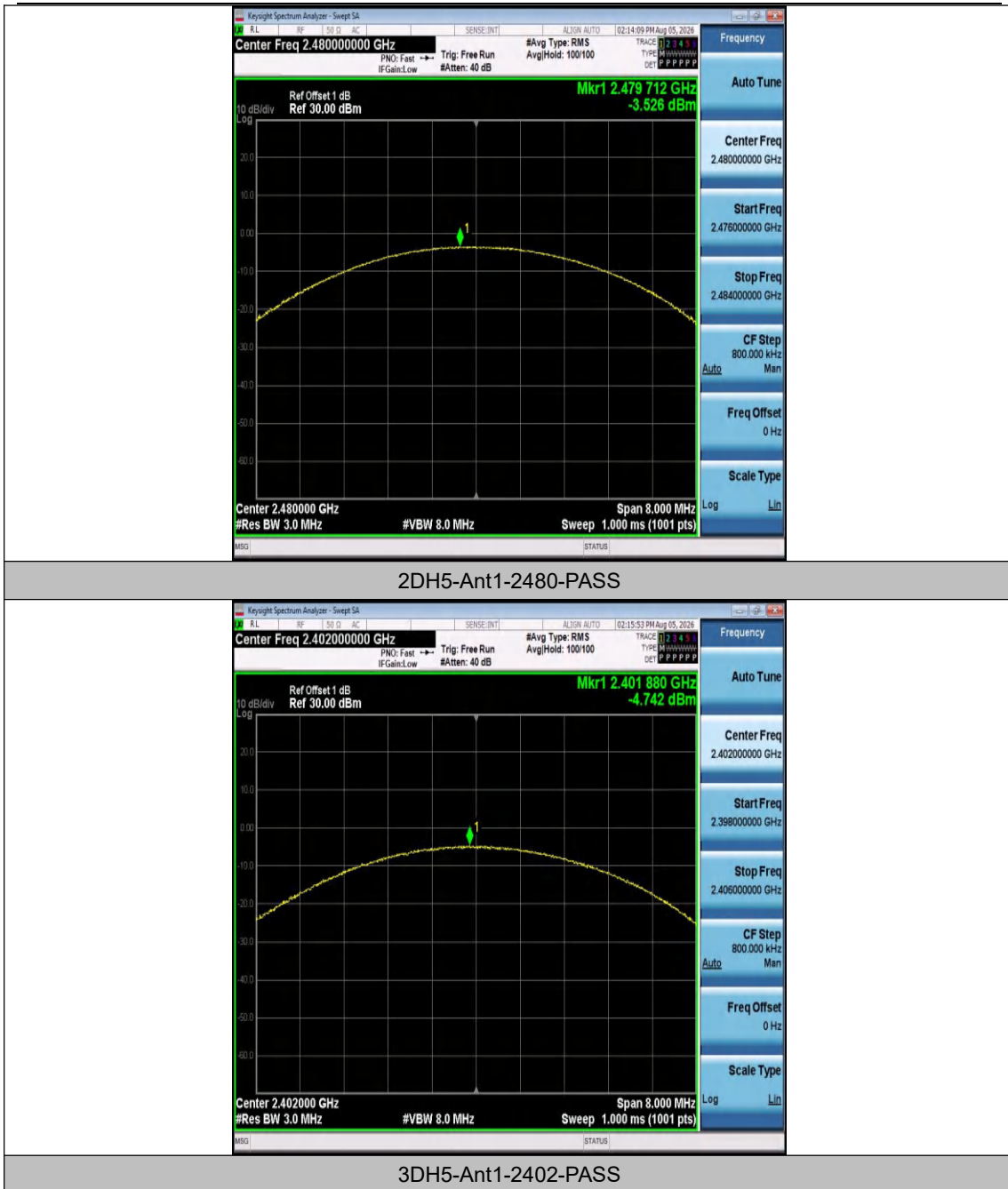
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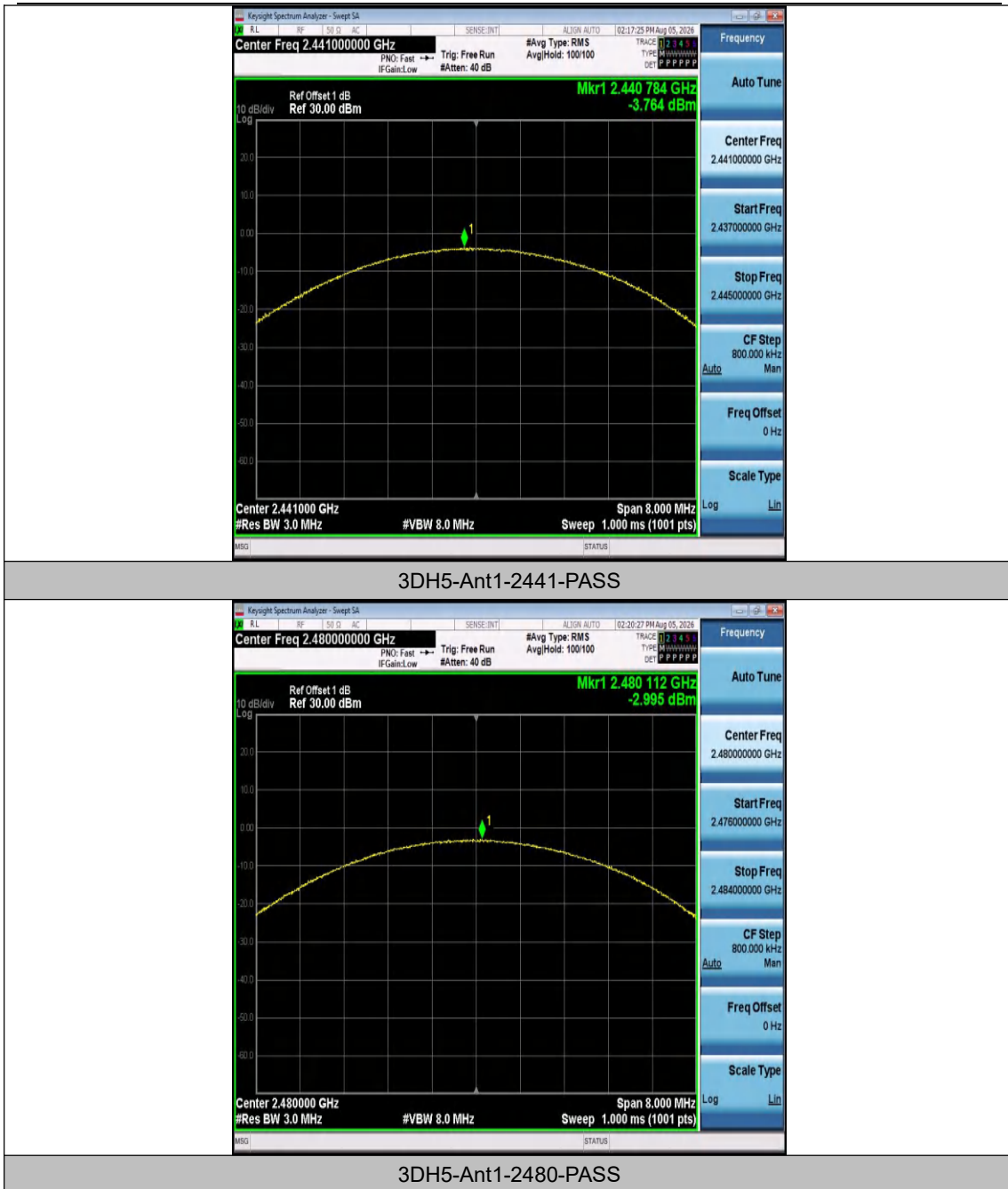
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Appendix D: Carrier frequency separation

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	0.994	≥ 0.636	PASS
2DH5	Ant1	Hop	1.026	≥ 0.878	PASS
3DH5	Ant1	Hop	1.006	≥ 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.

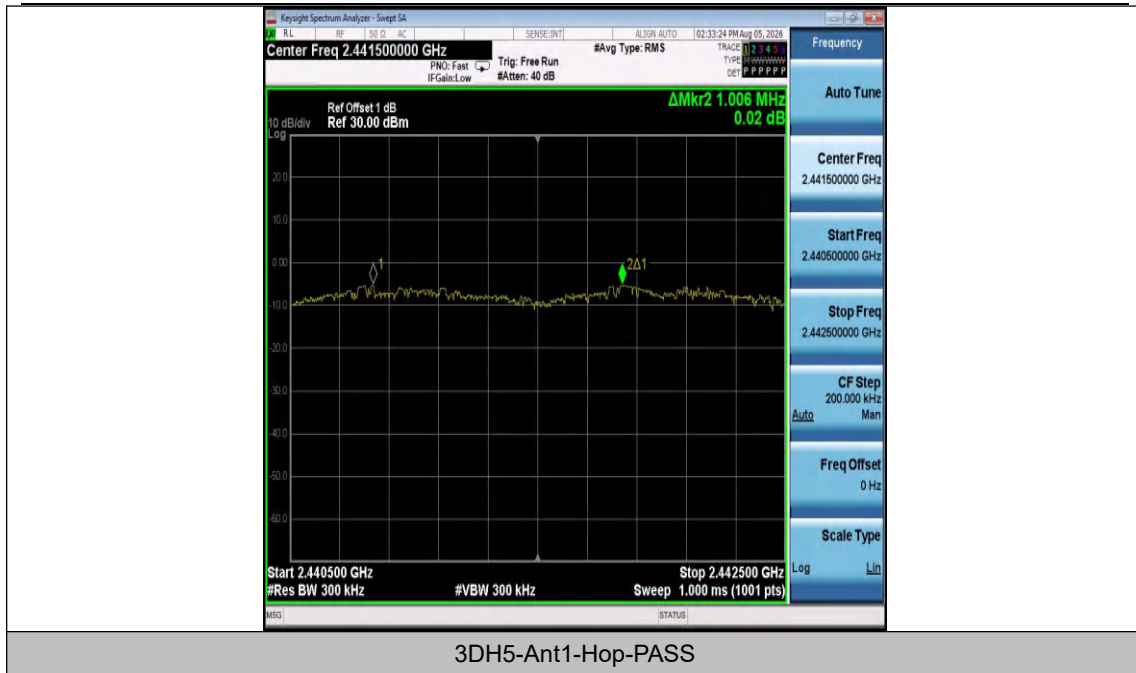
Test Graphs



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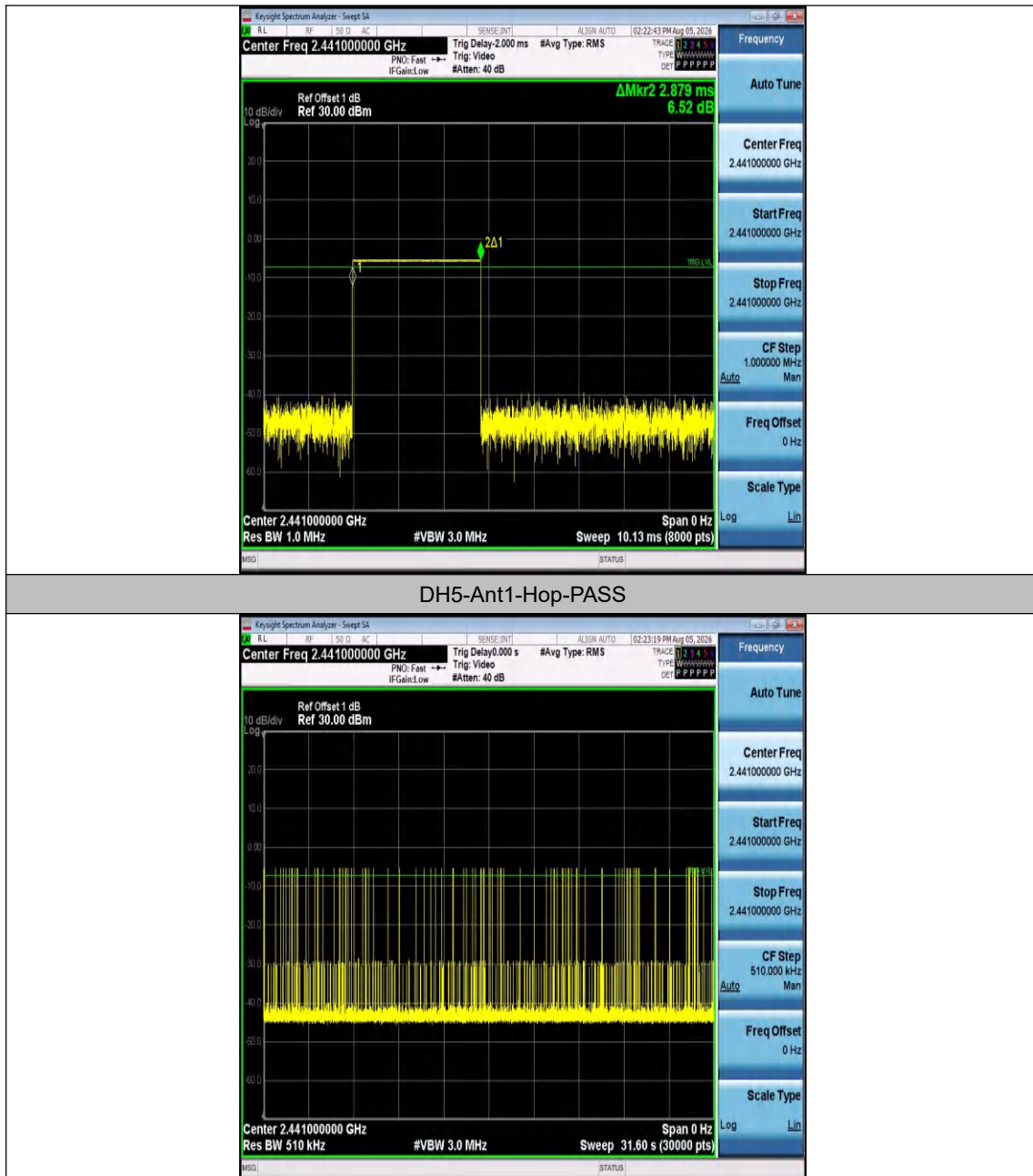
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Appendix E: Dwell Time

Test Result

Test Mode	Antenna	Frequency [MHz]	Burst Width [ms]	Total Hops [Num]	Result [s]	Limit [s]	Verdict
DH5	Ant1	Hop	2.879	94	0.271	≤0.4	PASS
2DH5	Ant1	Hop	2.884	99	0.286	≤0.4	PASS
3DH5	Ant1	Hop	2.887	127	0.367	≤0.4	PASS

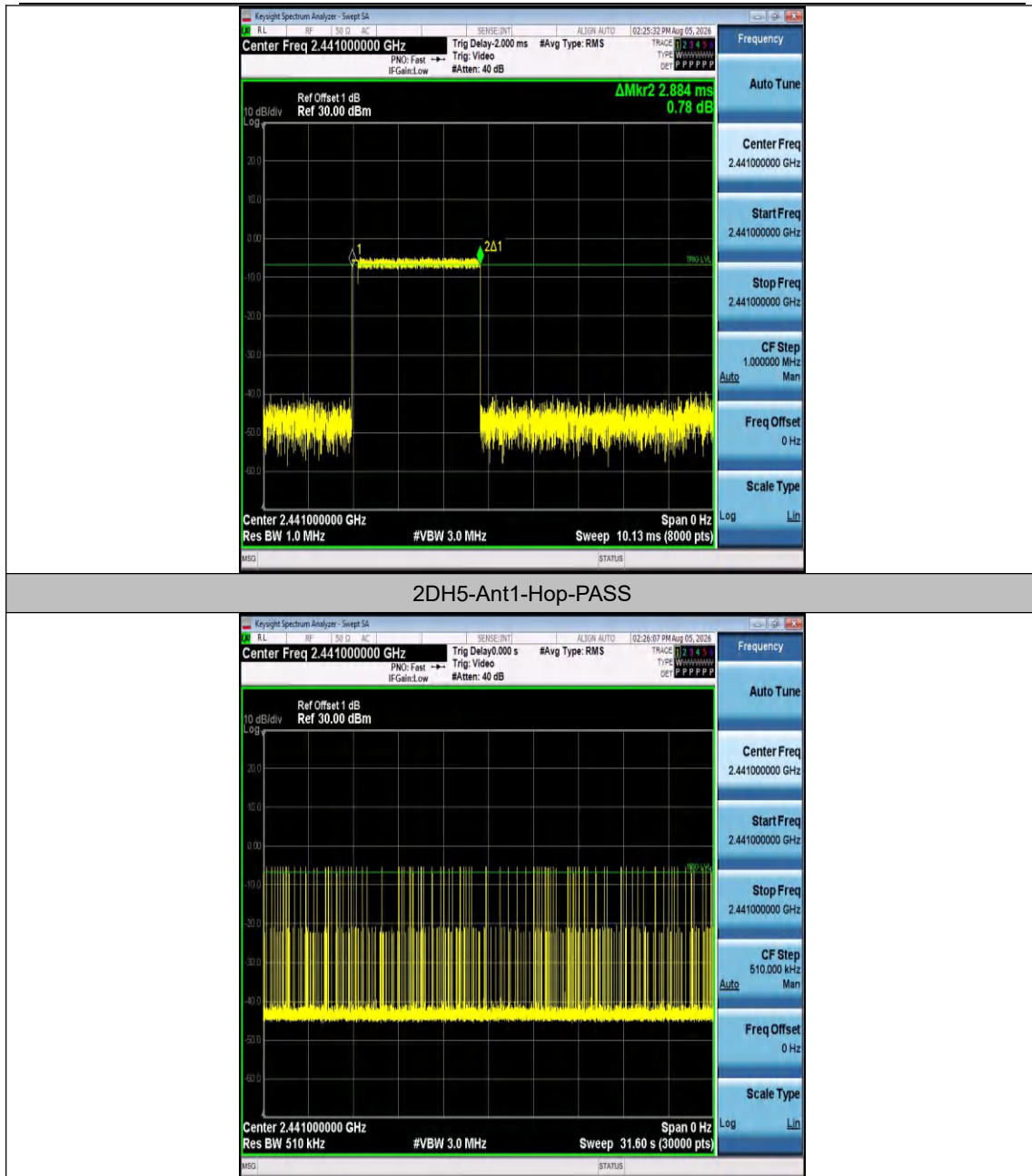
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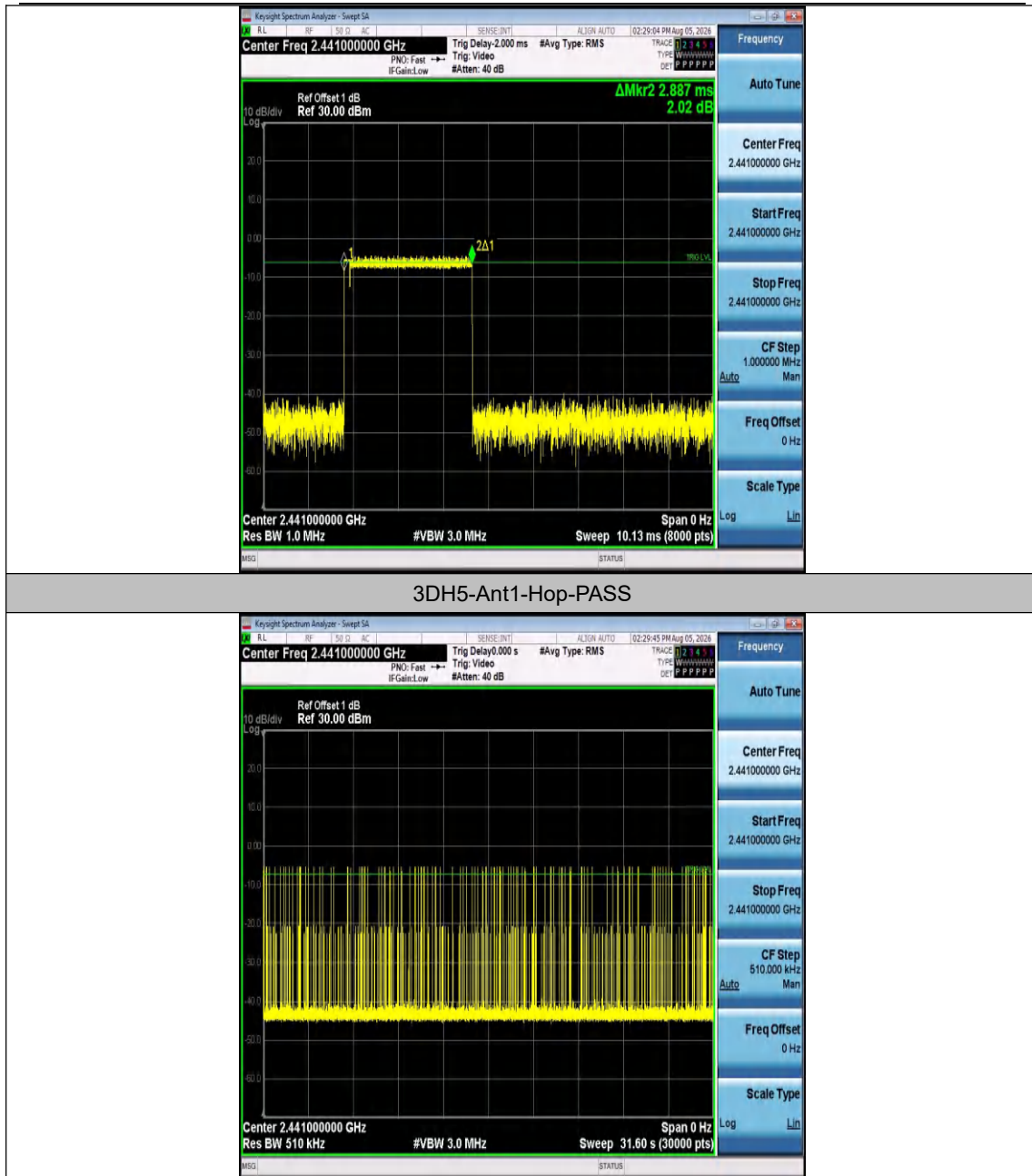
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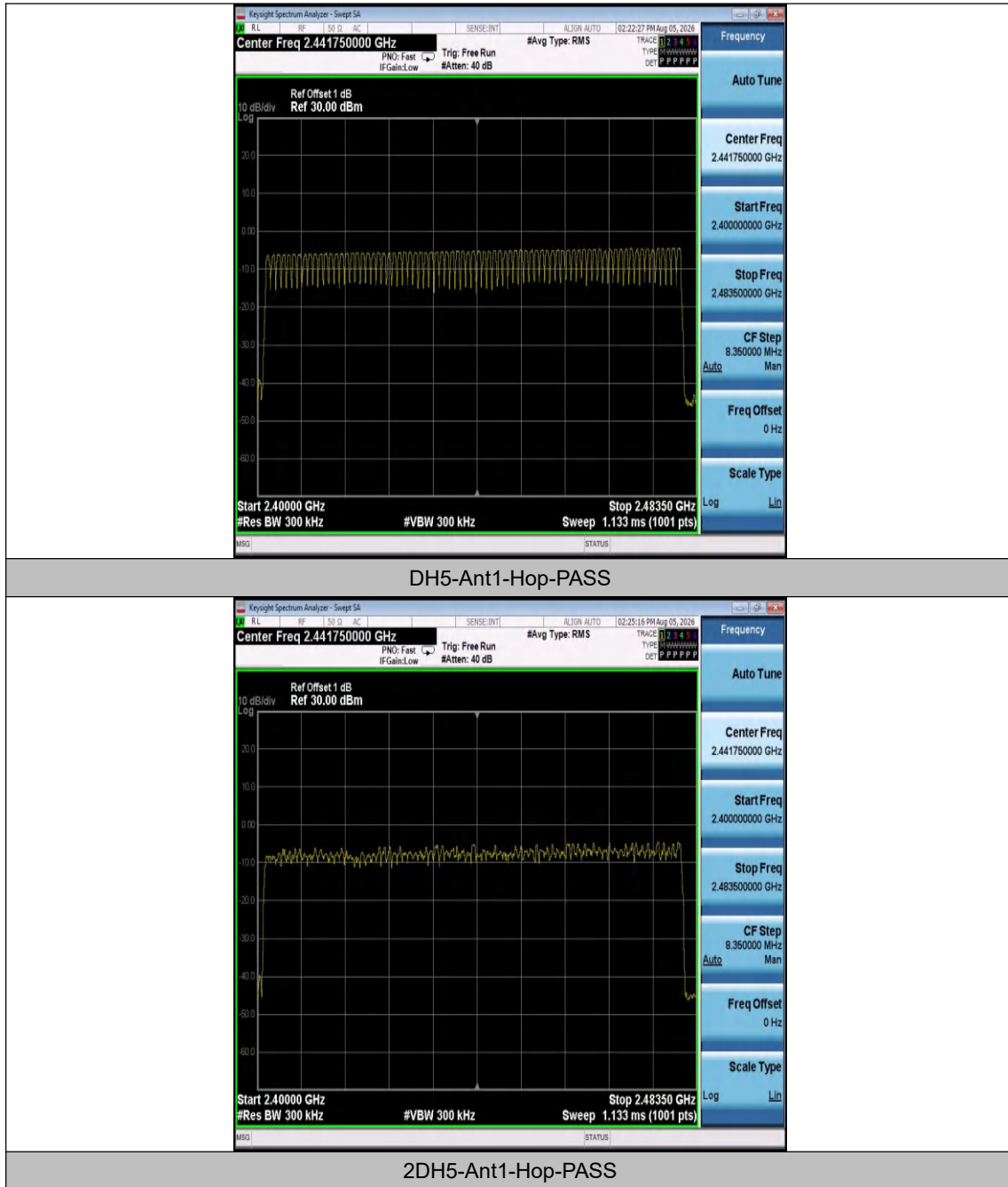
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Appendix F: Number of Hopping Channel

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

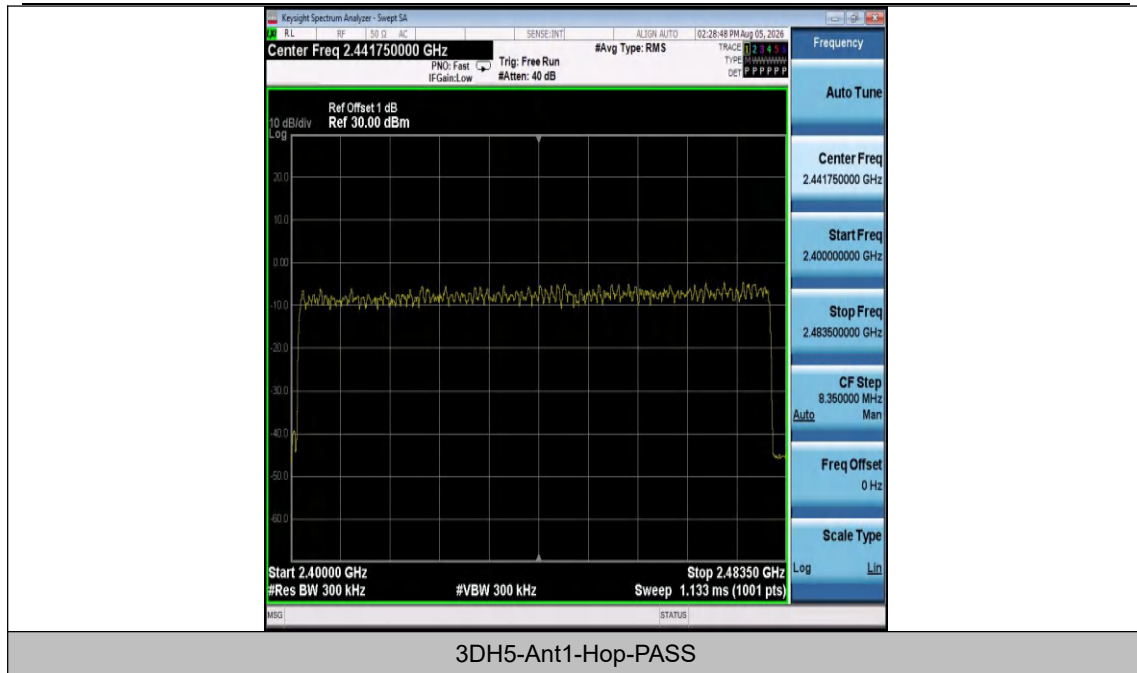
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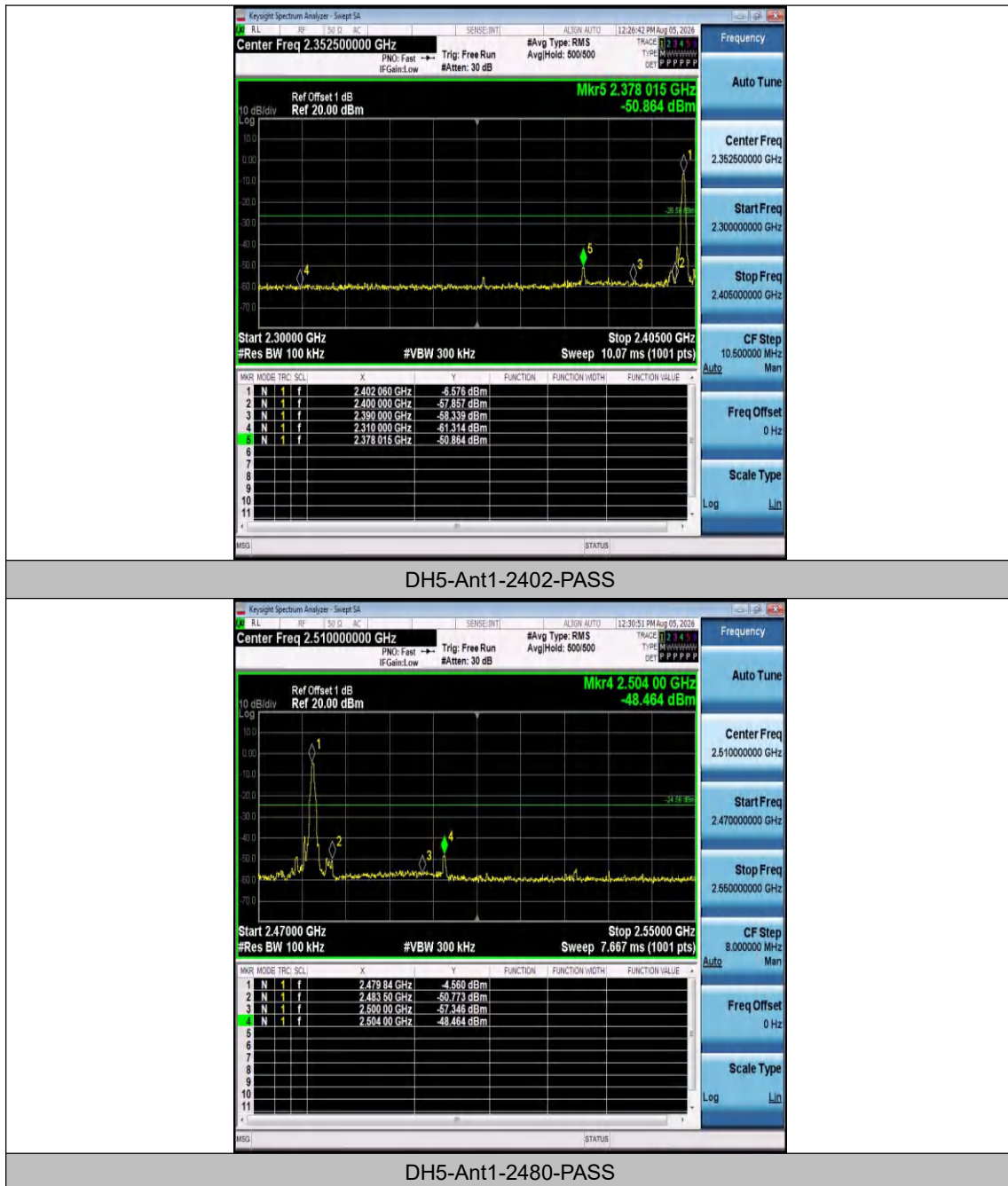
Appendix G: Conducted Band edge

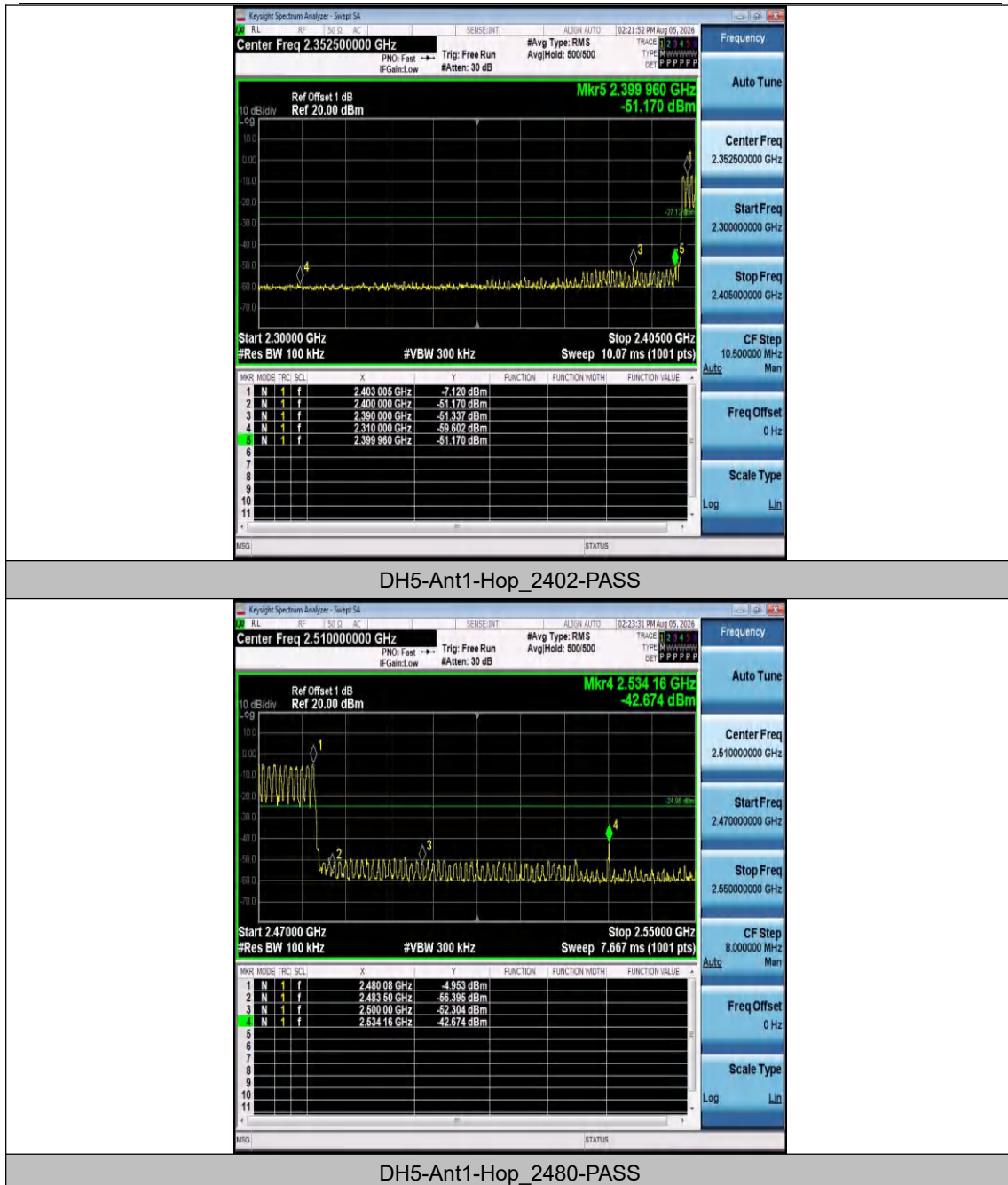
Test Result

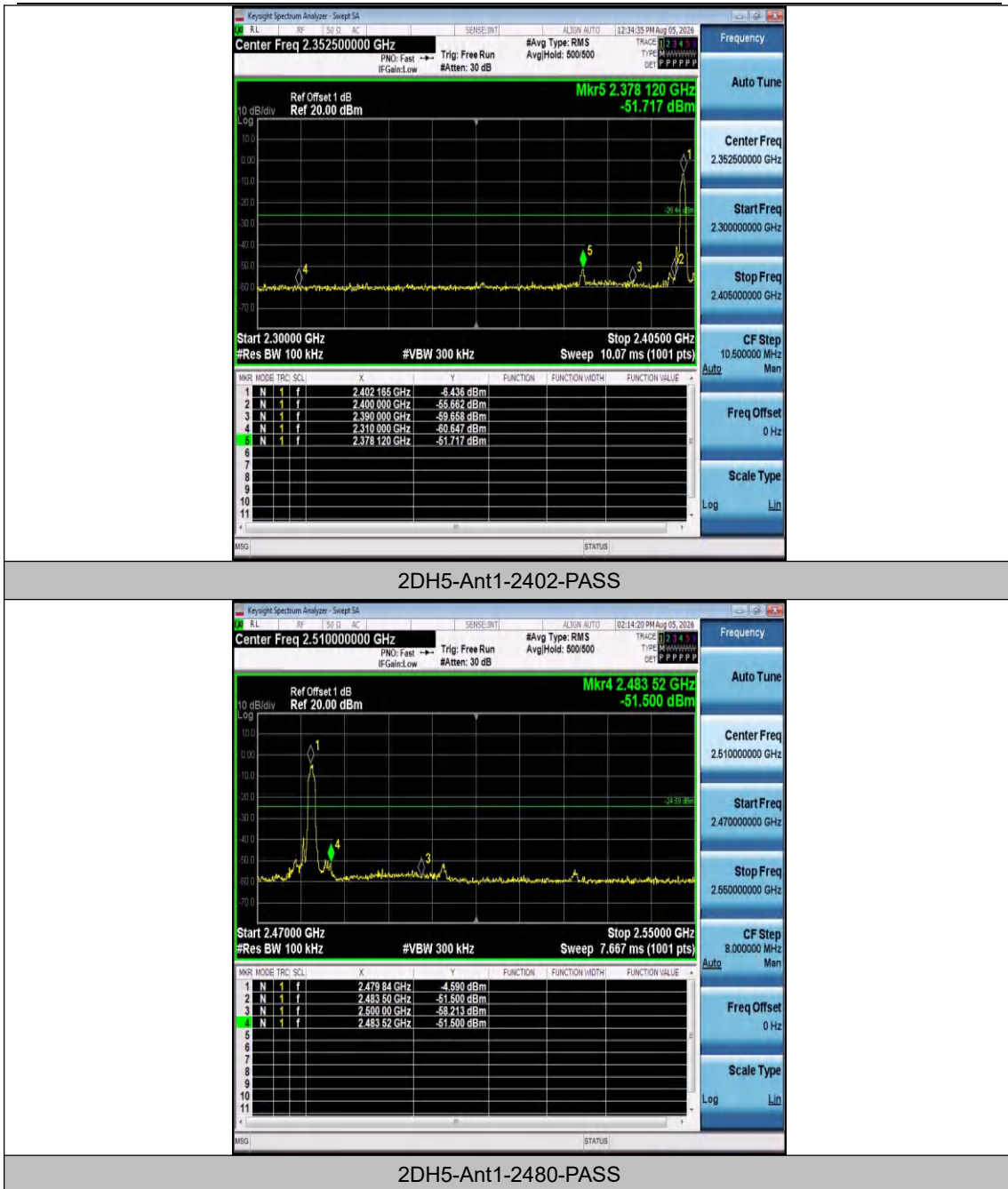
Test Mode	Antenna	Ch. Name	Frequency [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-6.58	-50.86	≤-26.58	PASS
DH5	Ant1	High	2480	-4.56	-48.46	≤-24.56	PASS
DH5	Ant1	Low	Hop_2402	-7.12	-51.17	≤-27.12	PASS
DH5	Ant1	High	Hop_2480	-4.95	-42.67	≤-24.95	PASS
2DH5	Ant1	Low	2402	-6.44	-51.72	≤-26.44	PASS
2DH5	Ant1	High	2480	-4.59	-51.5	≤-24.59	PASS
2DH5	Ant1	Low	Hop_2402	-7.09	-54.06	≤-27.09	PASS
2DH5	Ant1	High	Hop_2480	-7.10	-50.37	≤-27.1	PASS
3DH5	Ant1	Low	2402	-6.64	-52.68	≤-26.64	PASS
3DH5	Ant1	High	2480	-4.63	-49.35	≤-24.63	PASS
3DH5	Ant1	Low	Hop_2402	-8.71	-52.62	≤-28.71	PASS
3DH5	Ant1	High	Hop_2480	-4.77	-49.32	≤-24.77	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



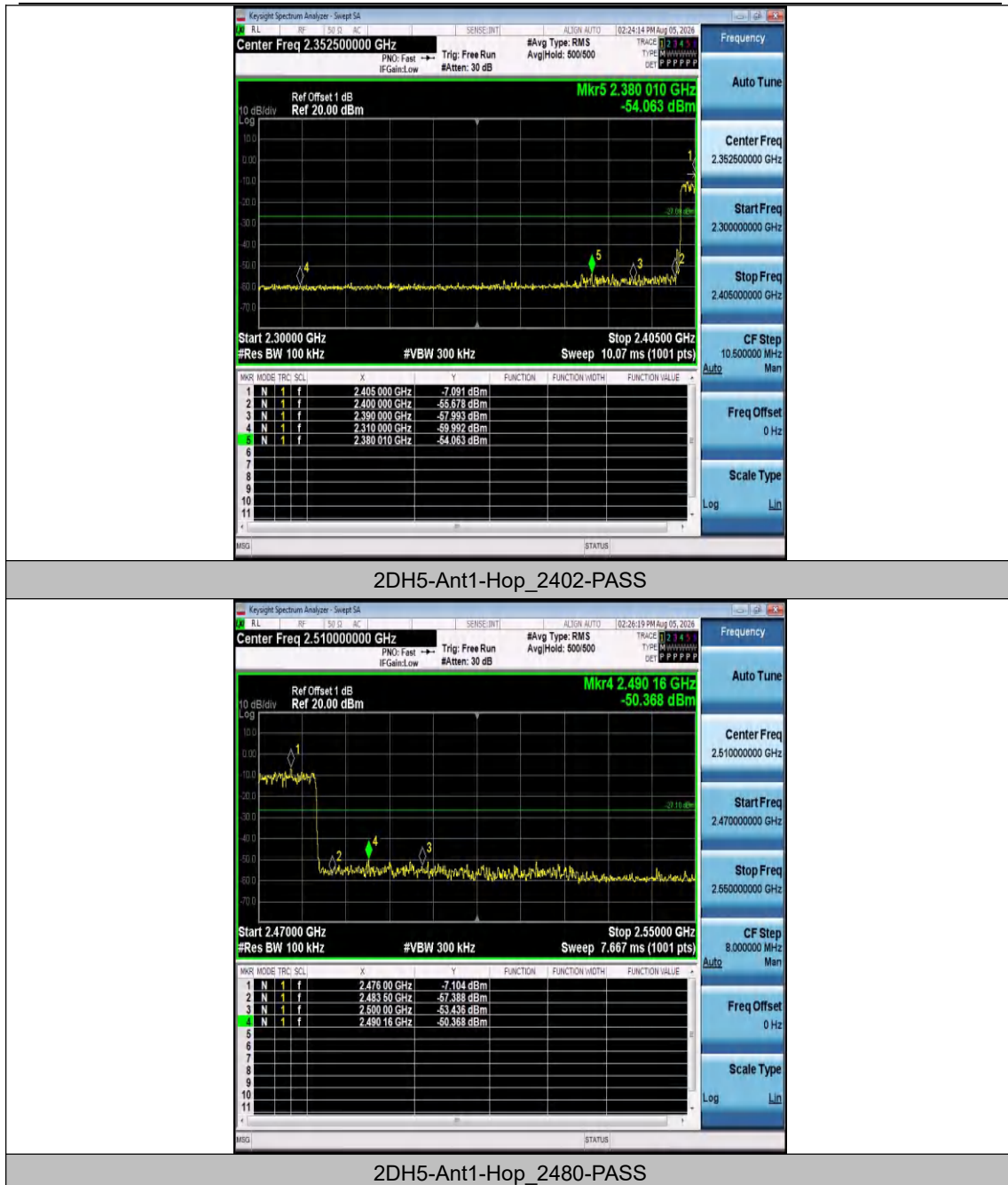




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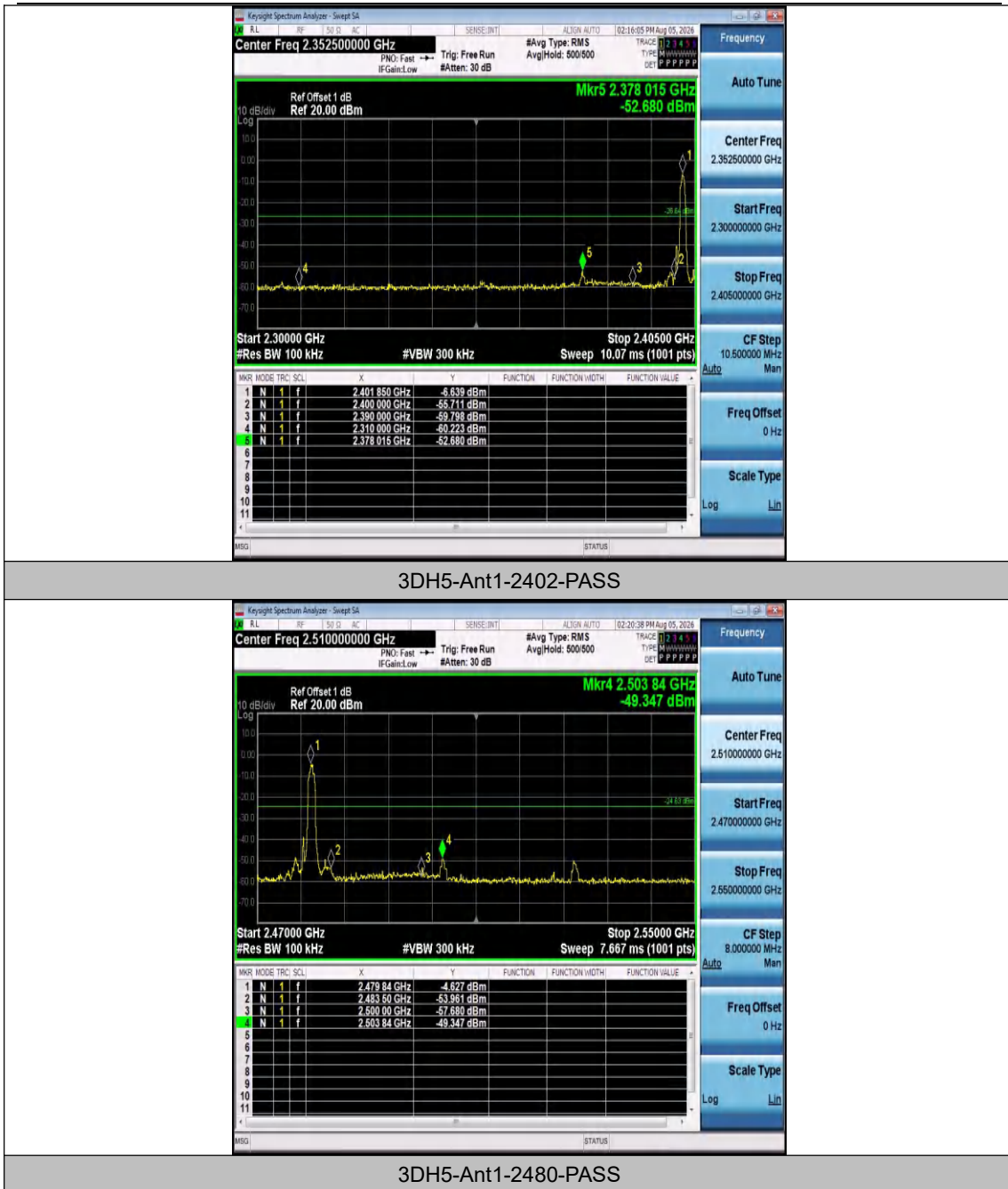
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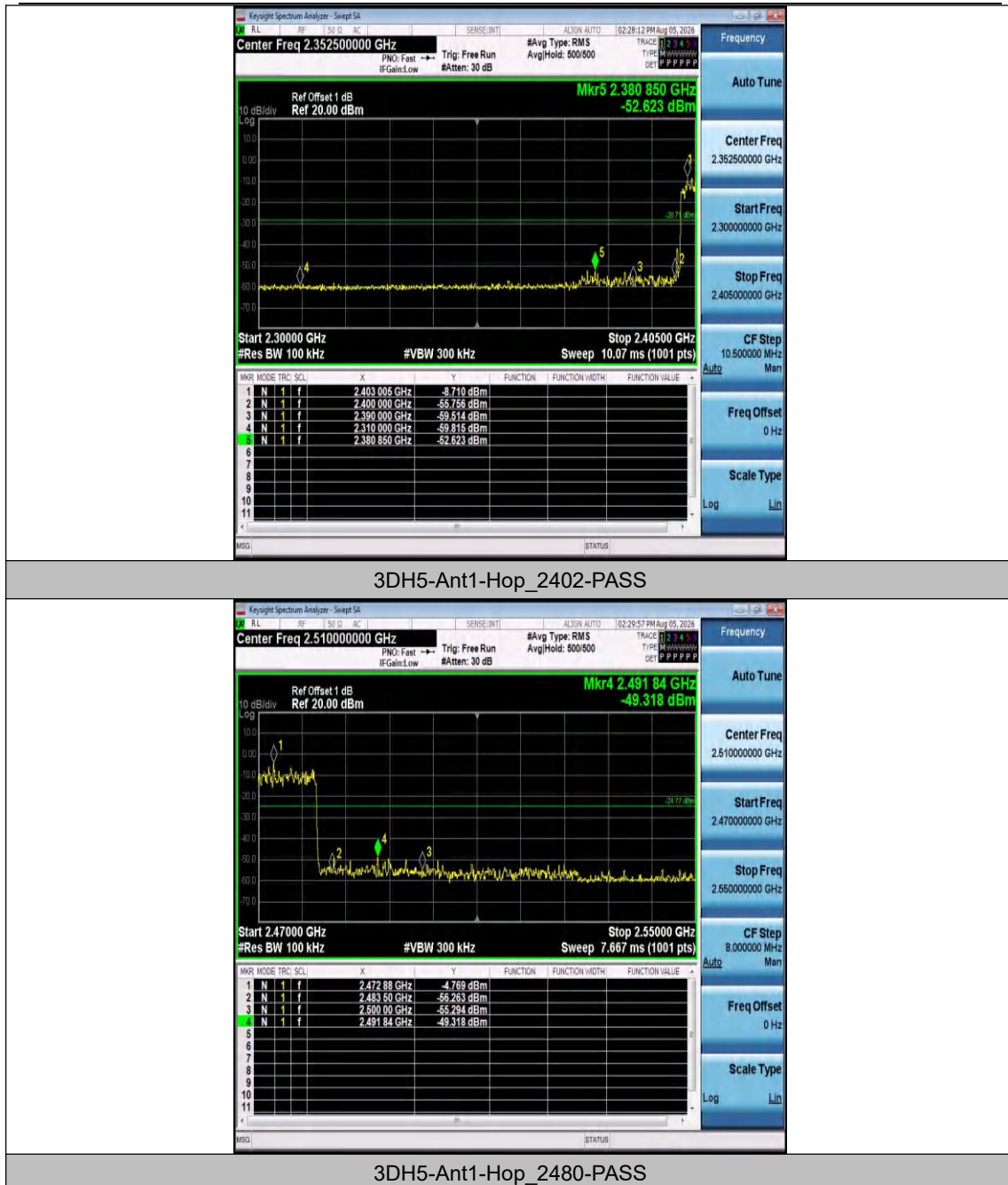


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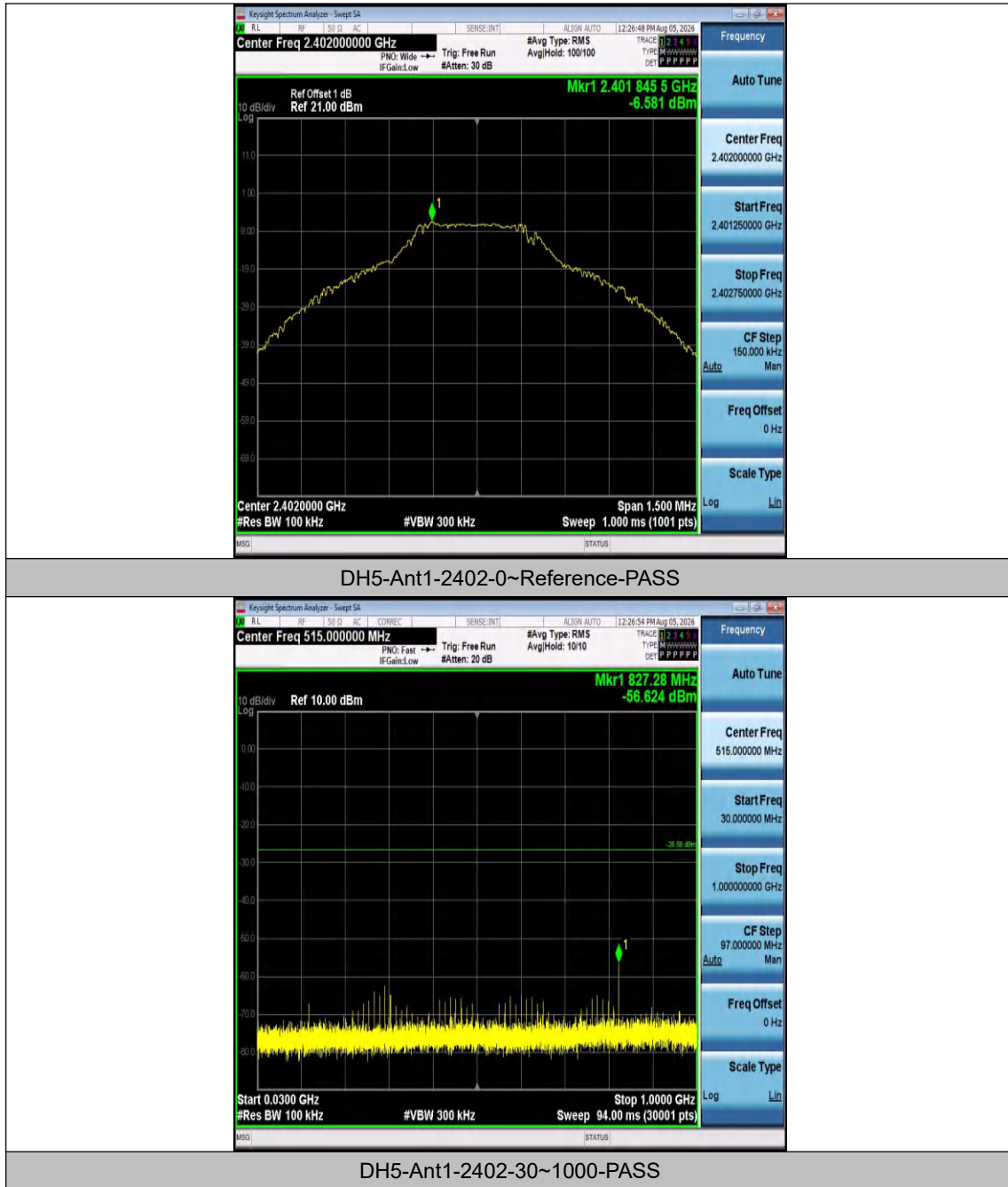
Appendix H: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency[MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	0~Reference	-6.58	-6.58	---	PASS
DH5	Ant1	2402	30~1000	-6.58	-56.62	≤-26.58	PASS
DH5	Ant1	2402	1000~26500	-6.58	-41.23	≤-26.58	PASS
DH5	Ant1	2441	0~Reference	-5.71	-5.71	---	PASS
DH5	Ant1	2441	30~1000	-5.71	-62.97	≤-25.71	PASS
DH5	Ant1	2441	1000~26500	-5.71	-40.88	≤-25.71	PASS
DH5	Ant1	2480	0~Reference	-4.84	-4.84	---	PASS
DH5	Ant1	2480	30~1000	-4.84	-62.31	≤-24.84	PASS
DH5	Ant1	2480	1000~26500	-4.84	-40.76	≤-24.84	PASS
2DH5	Ant1	2402	0~Reference	-6.46	-6.46	---	PASS
2DH5	Ant1	2402	30~1000	-6.46	-61.62	≤-26.46	PASS
2DH5	Ant1	2402	1000~26500	-6.46	-40.63	≤-26.46	PASS
2DH5	Ant1	2441	0~Reference	-5.92	-5.92	---	PASS
2DH5	Ant1	2441	30~1000	-5.92	-62.58	≤-25.92	PASS
2DH5	Ant1	2441	1000~26500	-5.92	-40.78	≤-25.92	PASS
2DH5	Ant1	2480	0~Reference	-4.71	-4.71	---	PASS
2DH5	Ant1	2480	30~1000	-4.71	-62.63	≤-24.71	PASS
2DH5	Ant1	2480	1000~26500	-4.71	-38.23	≤-24.71	PASS
3DH5	Ant1	2402	0~Reference	-6.83	-6.83	---	PASS
3DH5	Ant1	2402	30~1000	-6.83	-62.76	≤-26.83	PASS
3DH5	Ant1	2402	1000~26500	-6.83	-40.12	≤-26.83	PASS
3DH5	Ant1	2441	0~Reference	-5.45	-5.45	---	PASS
3DH5	Ant1	2441	30~1000	-5.45	-63.29	≤-25.45	PASS
3DH5	Ant1	2441	1000~26500	-5.45	-39.98	≤-25.45	PASS
3DH5	Ant1	2480	0~Reference	-4.86	-4.86	---	PASS
3DH5	Ant1	2480	30~1000	-4.86	-62.92	≤-24.86	PASS
3DH5	Ant1	2480	1000~26500	-4.86	-41.4	≤-24.86	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.

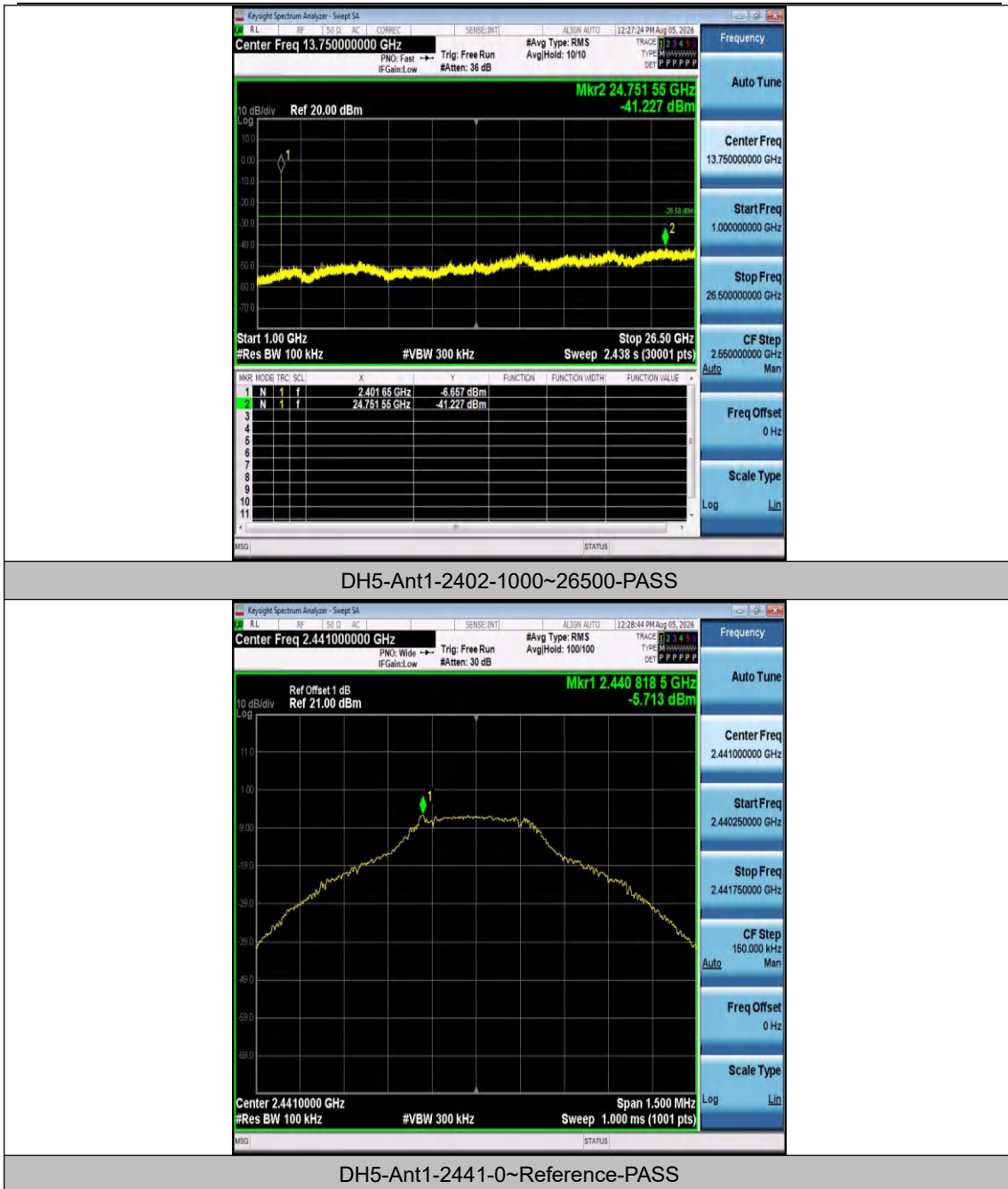
Test Graphs



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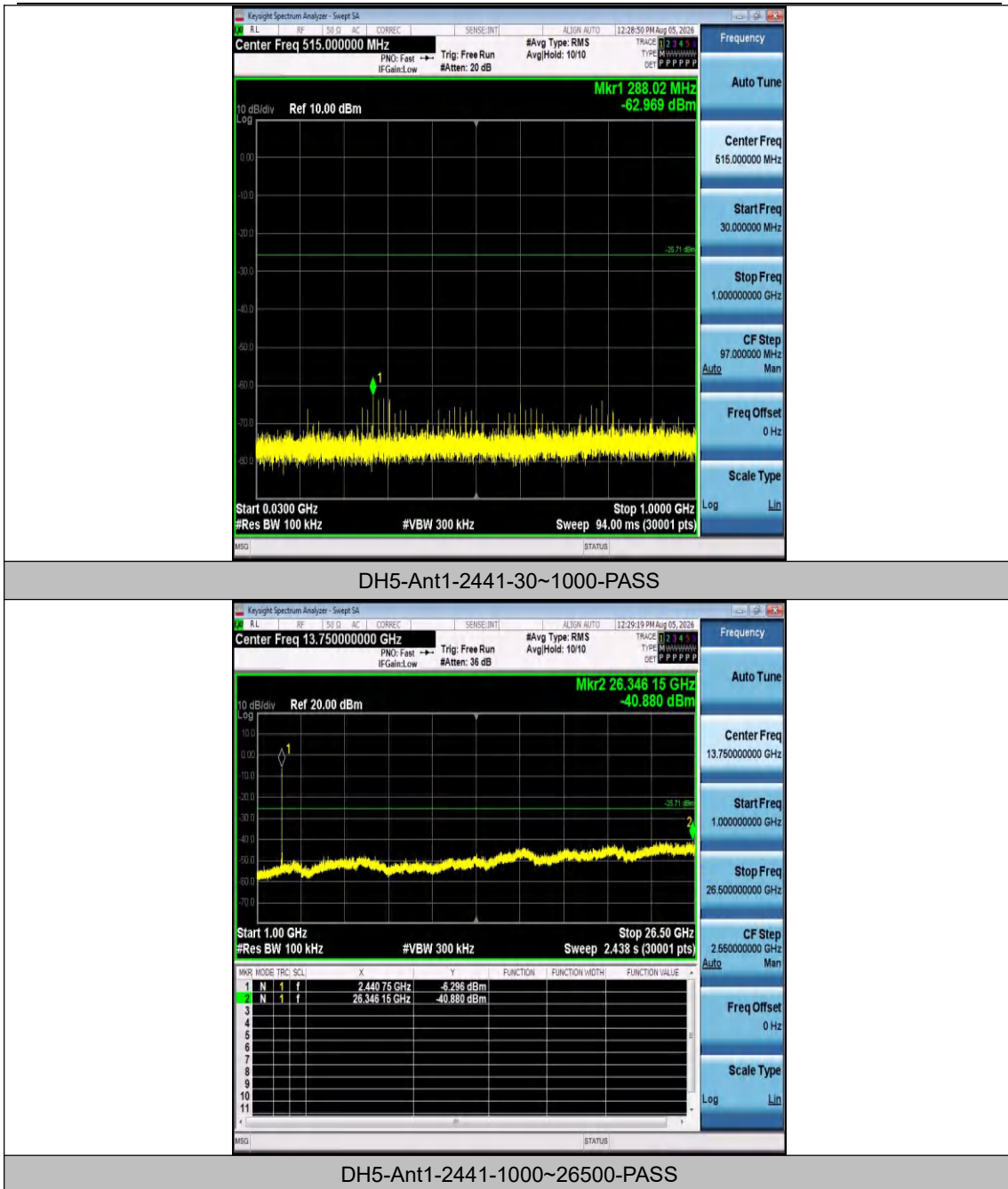
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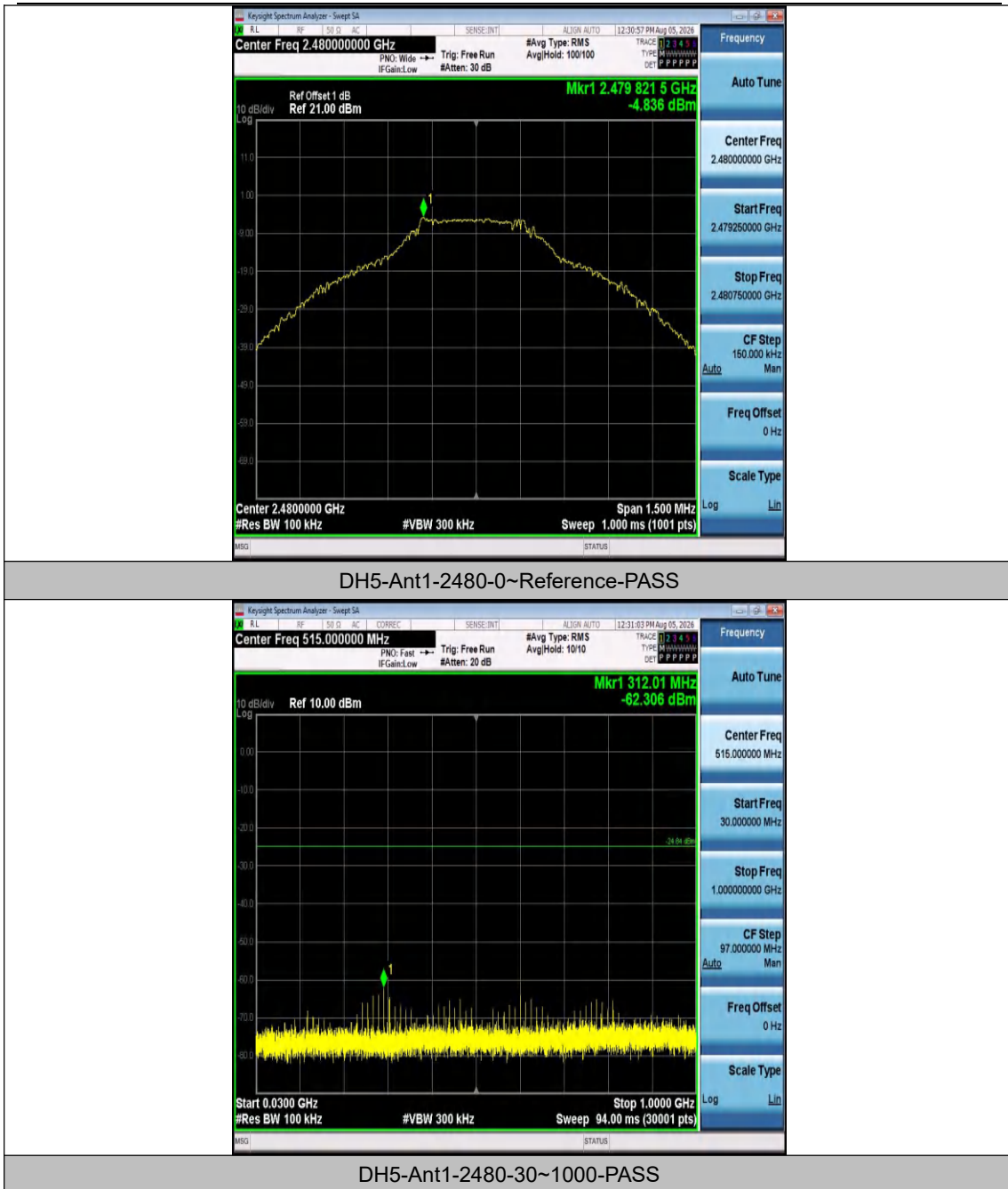
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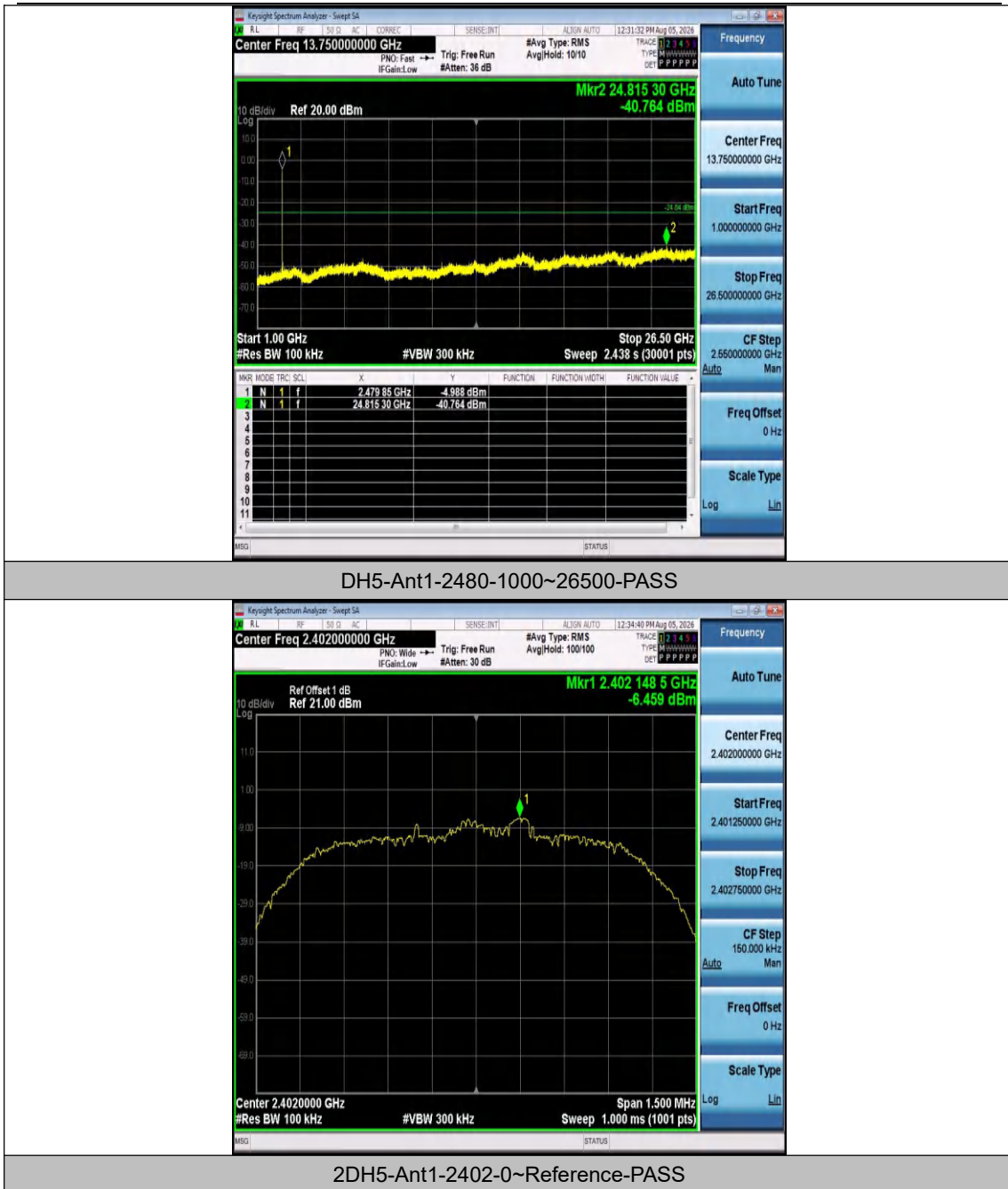
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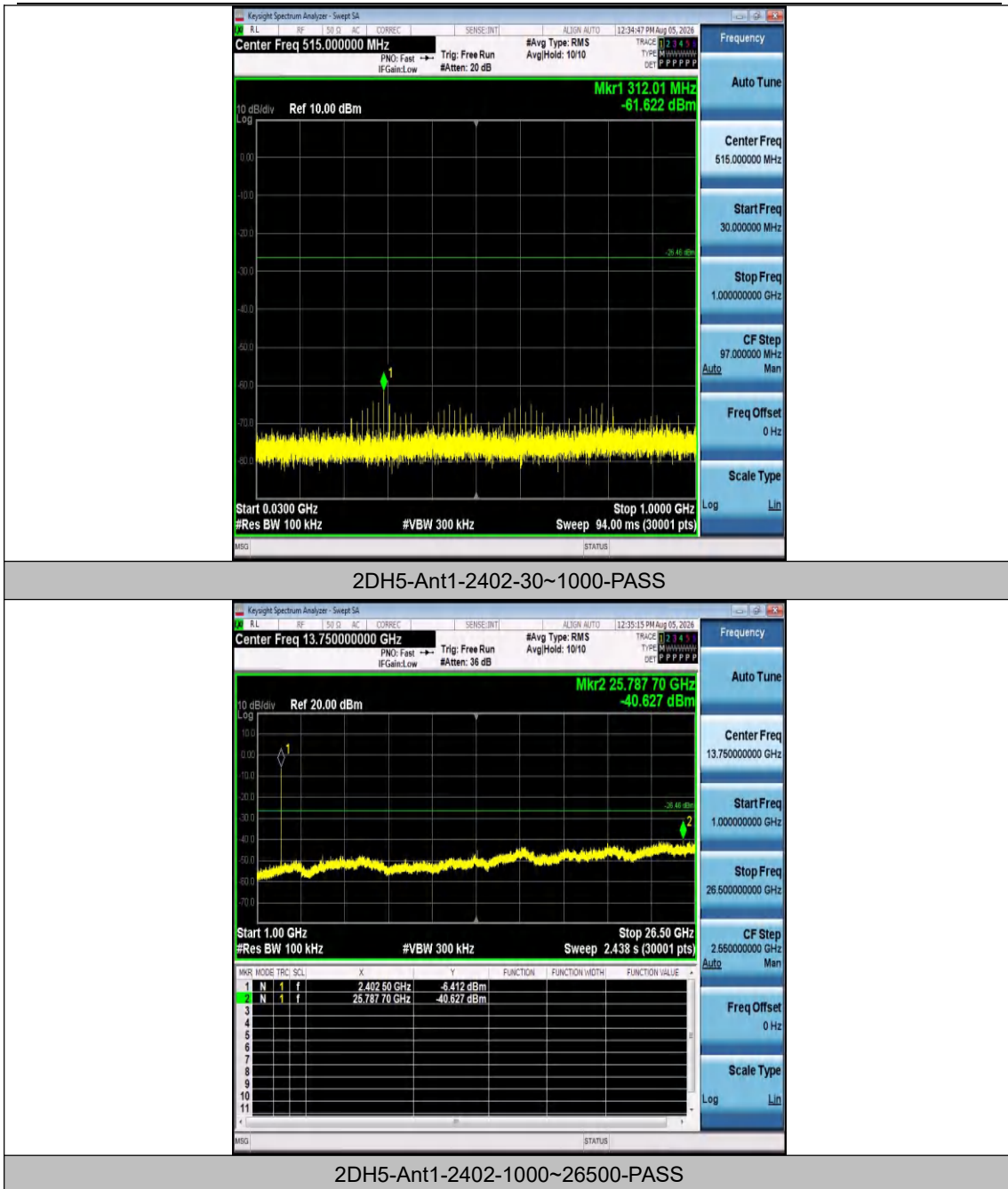
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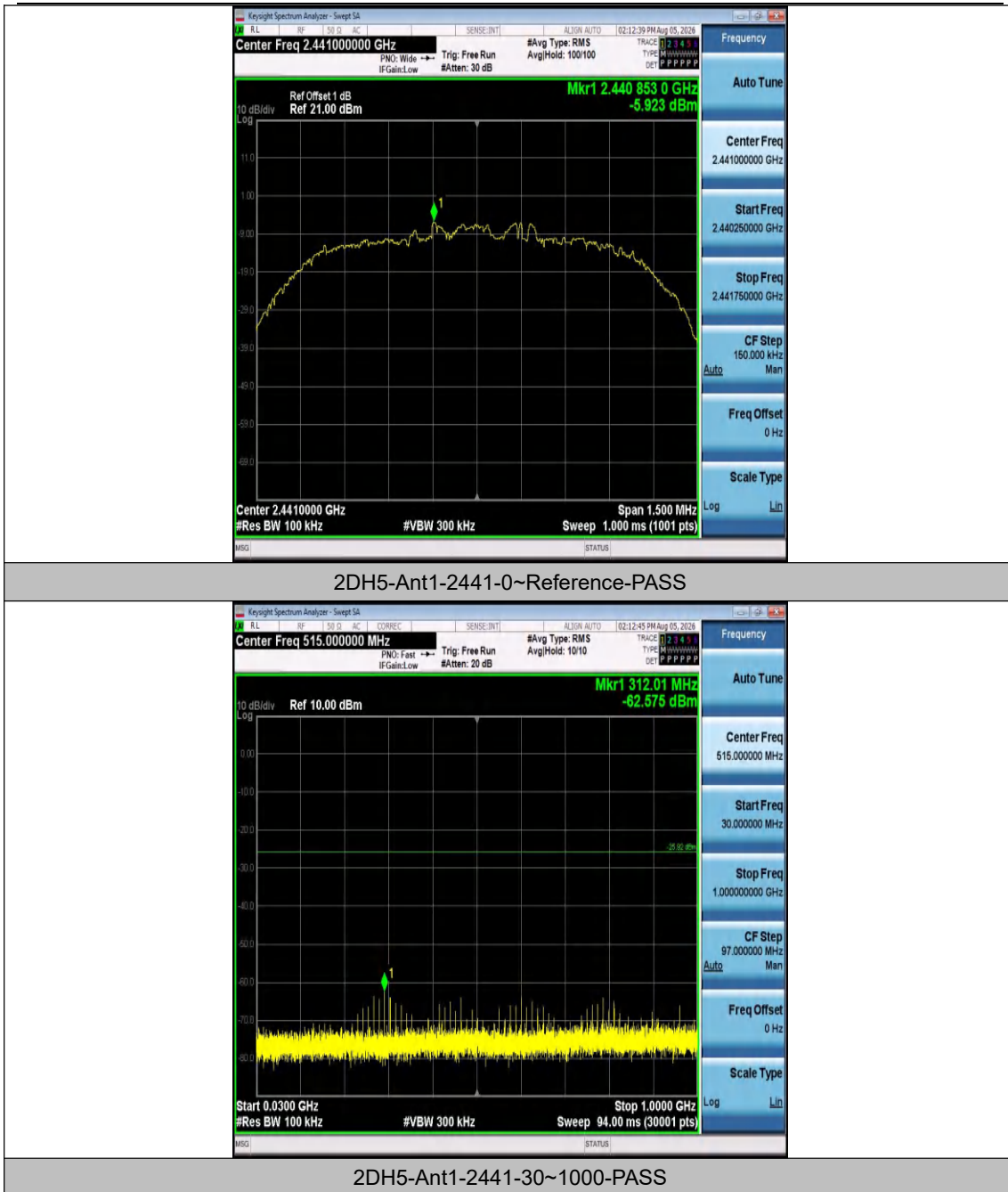
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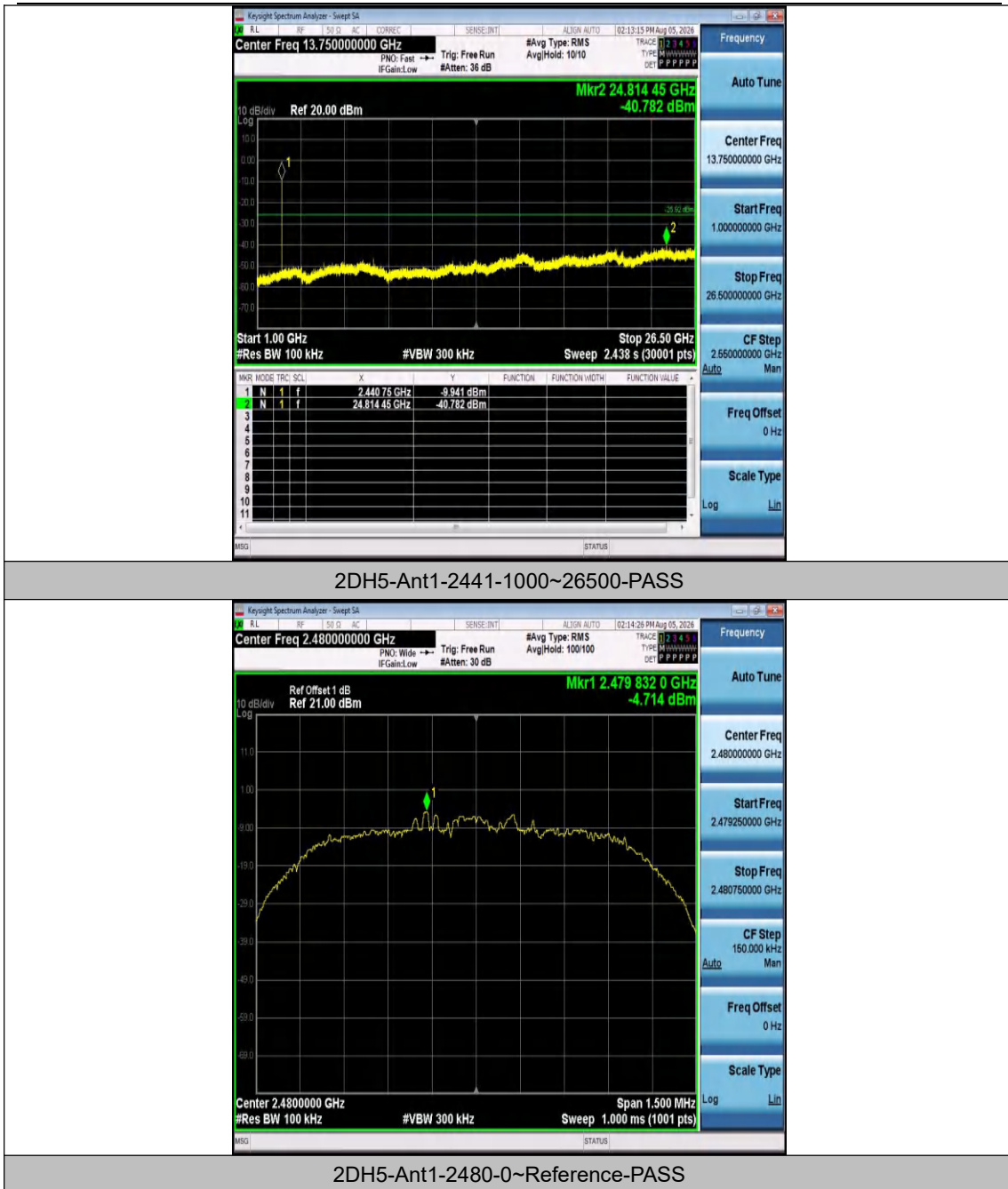
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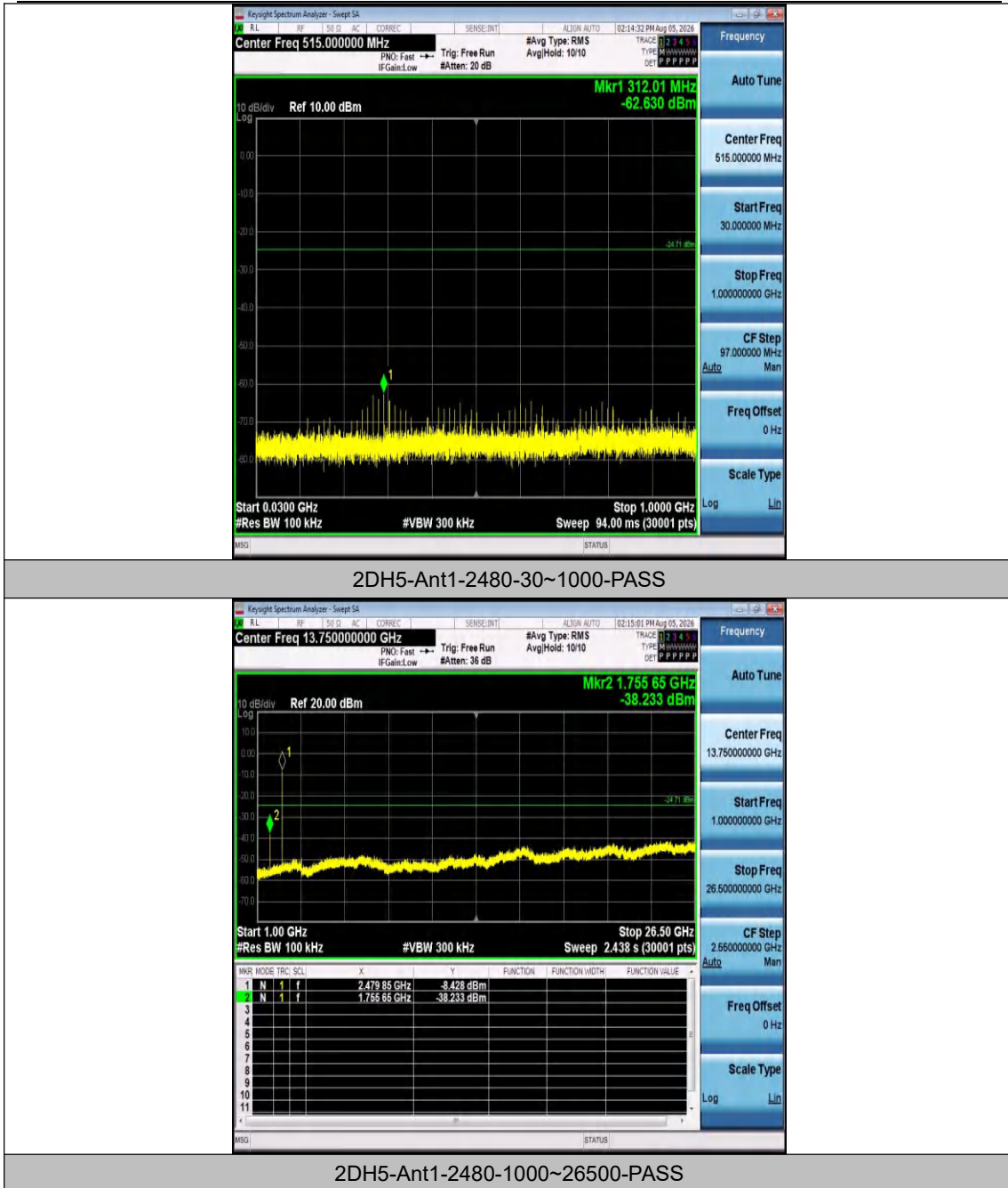
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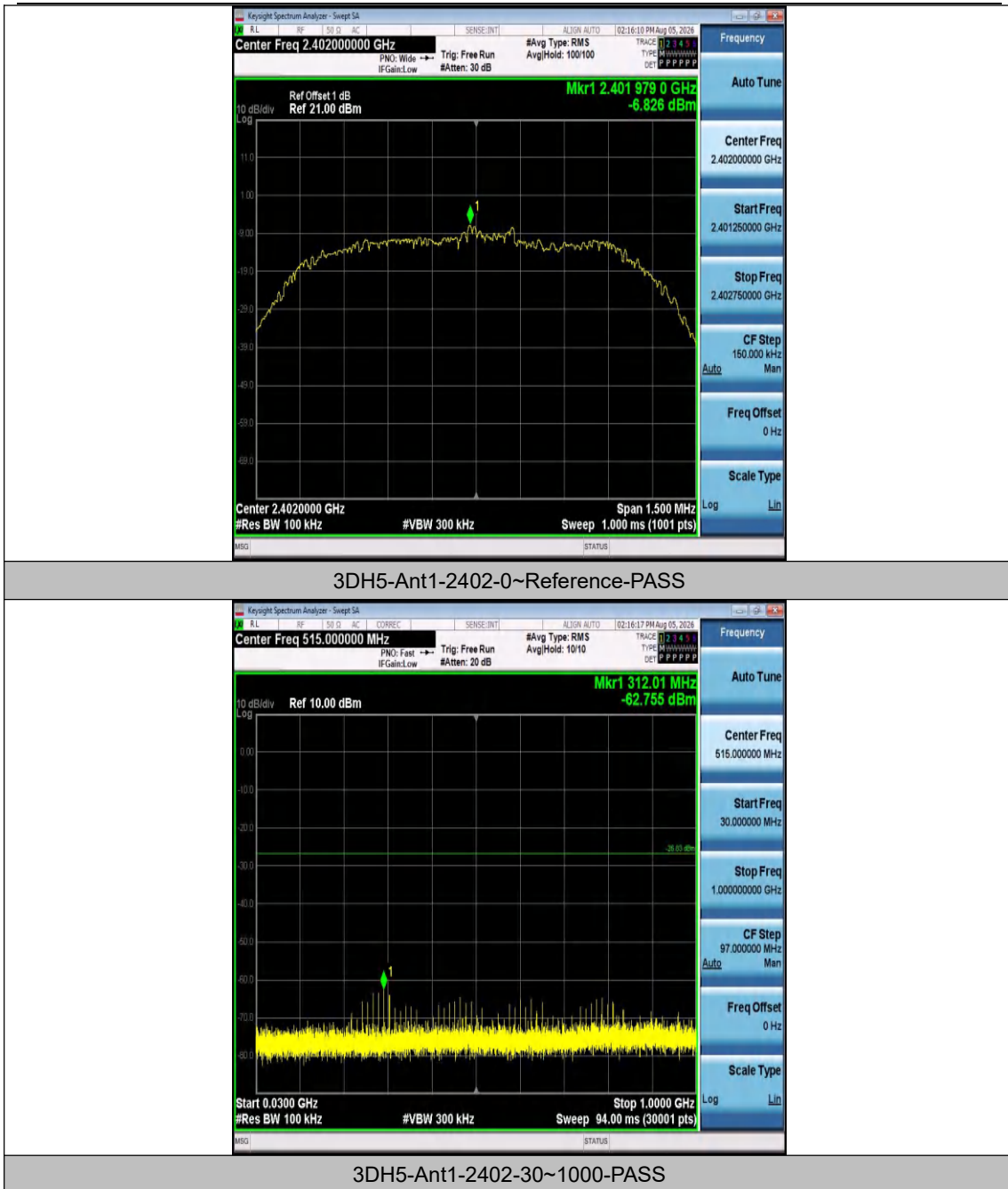
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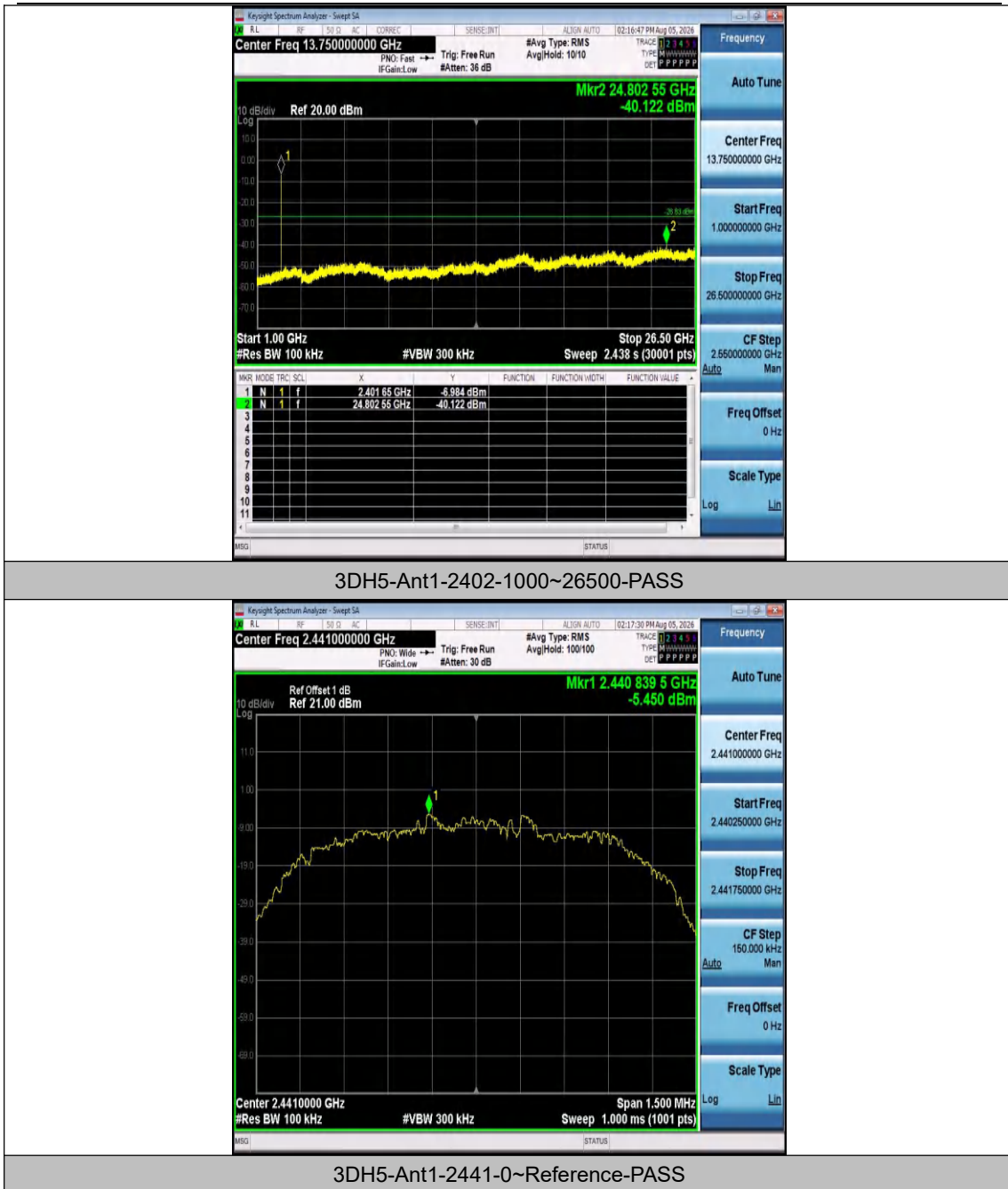
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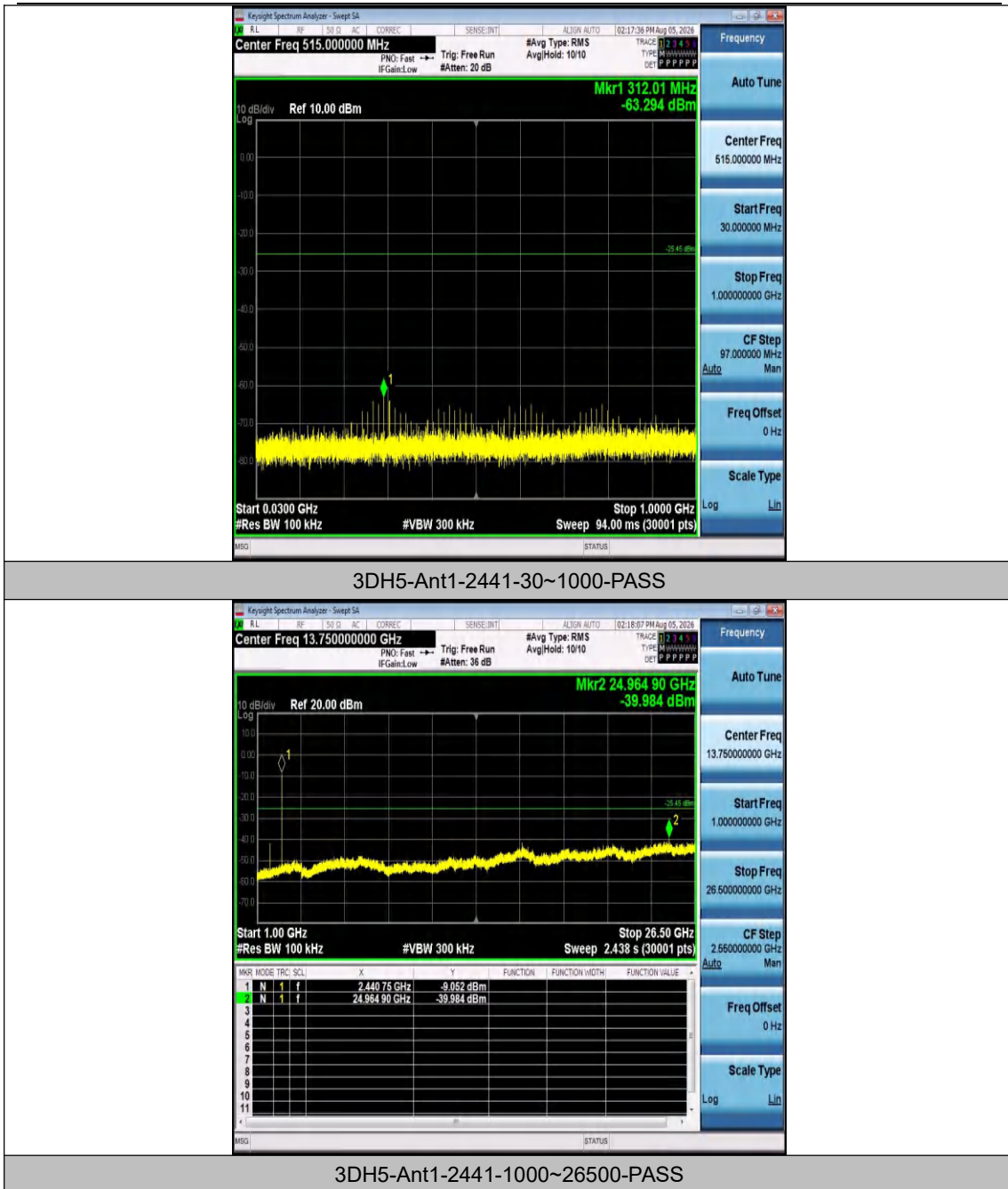
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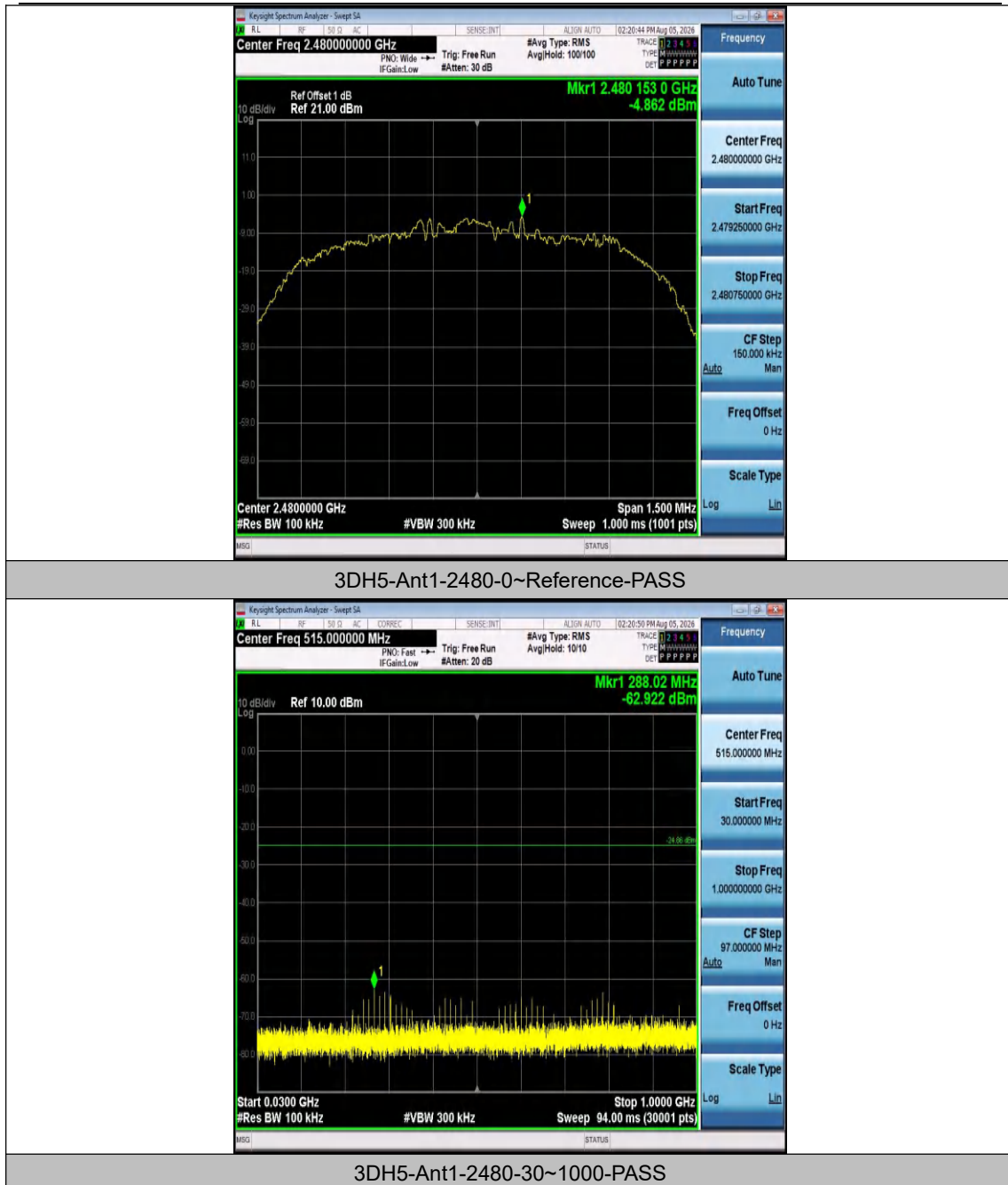
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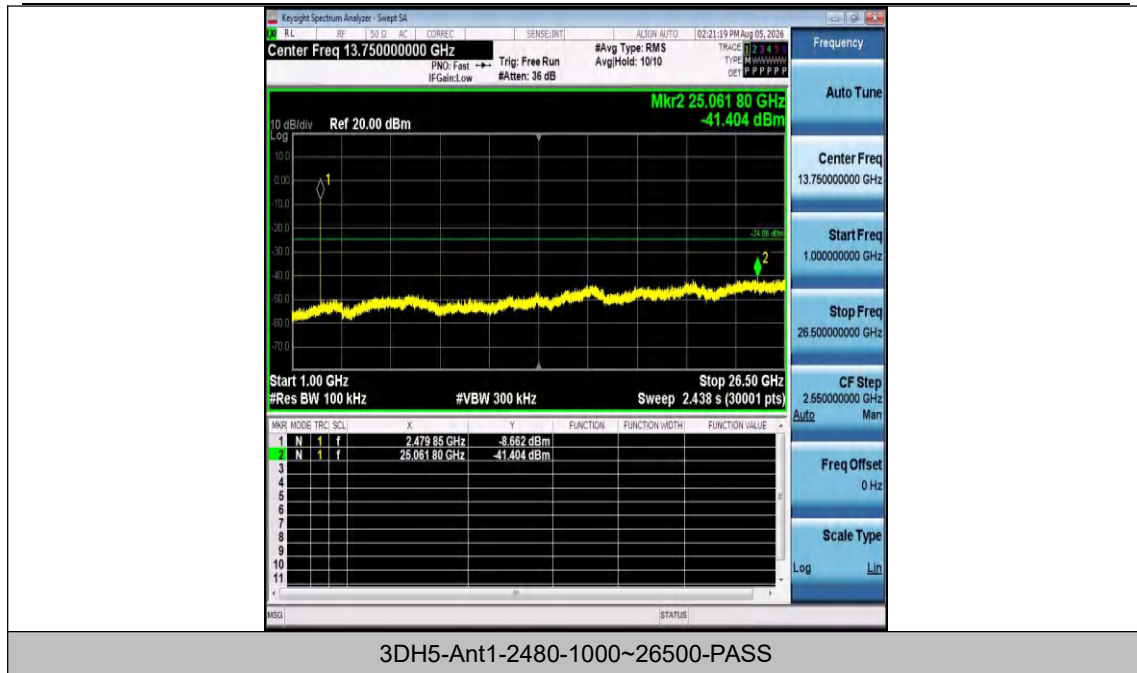
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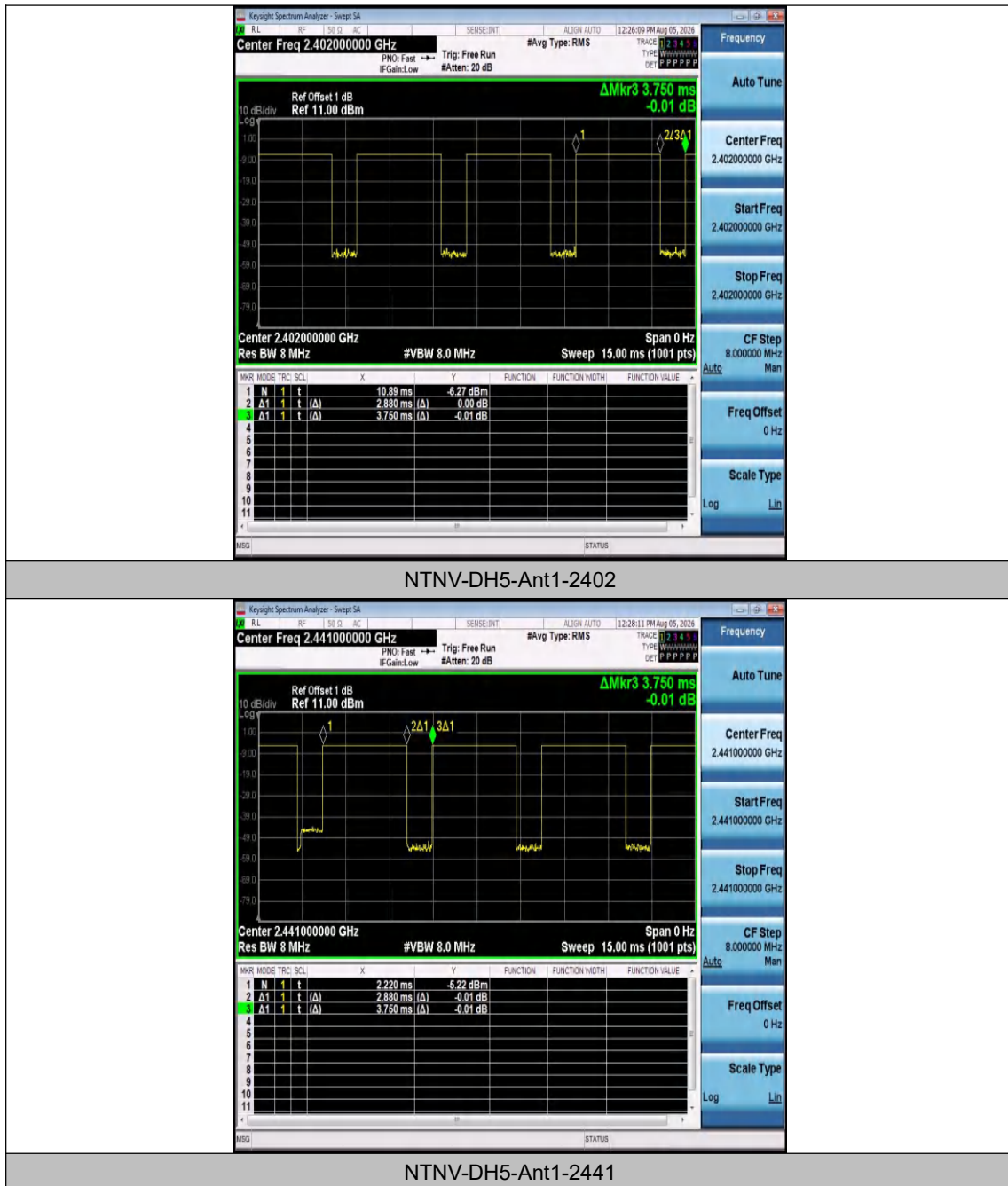
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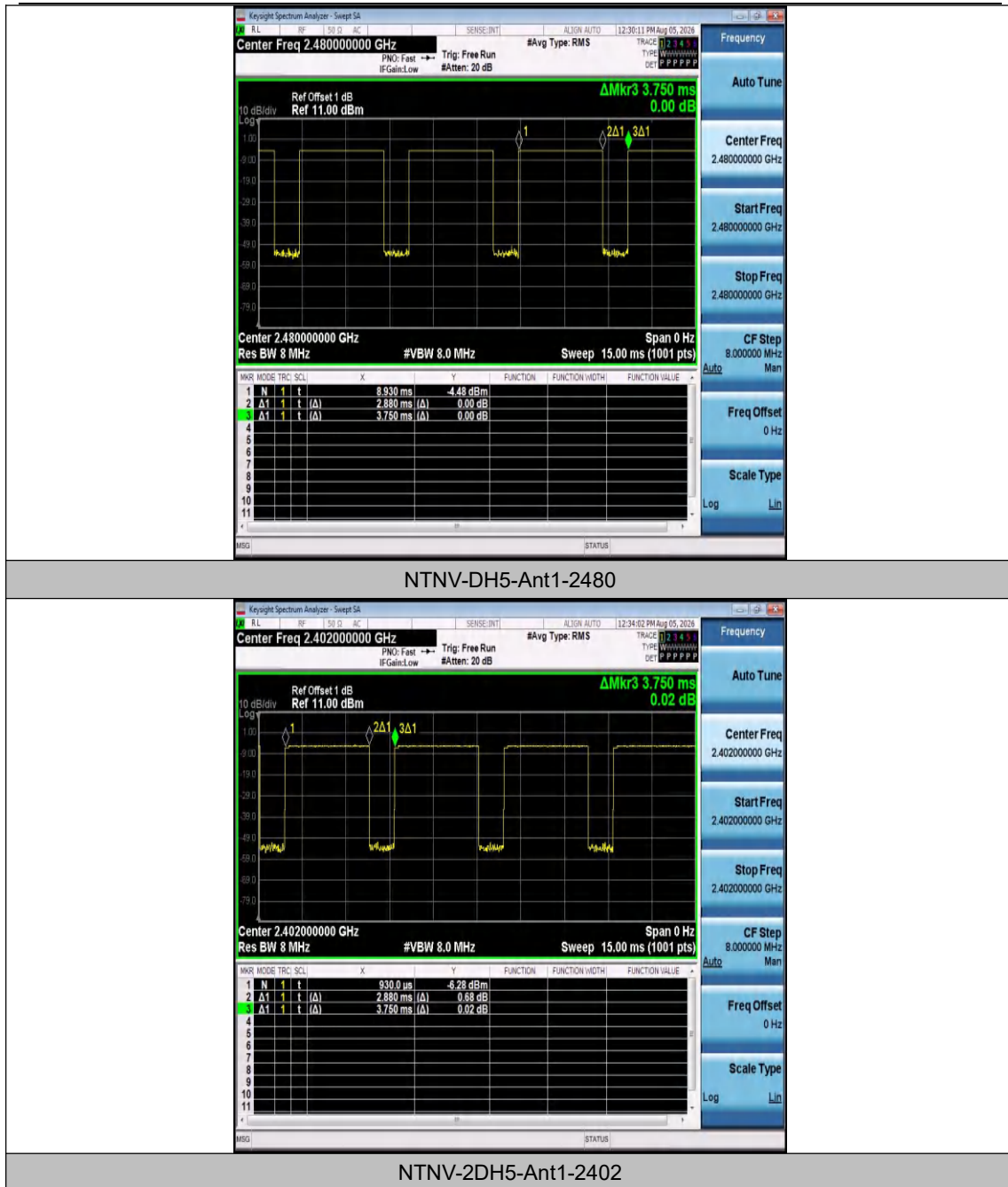
Appendix I: Duty Cycle

Test Result

Test Mode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
DH5	Ant1	2402	2.88	3.75	76.80	1.15
DH5	Ant1	2441	2.88	3.75	76.80	1.15
DH5	Ant1	2480	2.88	3.75	76.80	1.15
2DH5	Ant1	2402	2.88	3.75	76.80	1.15
2DH5	Ant1	2441	2.88	3.75	76.80	1.15
2DH5	Ant1	2480	2.90	3.75	77.33	1.12
3DH5	Ant1	2402	2.89	3.75	77.07	1.13
3DH5	Ant1	2441	2.90	3.75	77.33	1.12
3DH5	Ant1	2480	2.89	3.75	77.07	1.13

Test Graphs

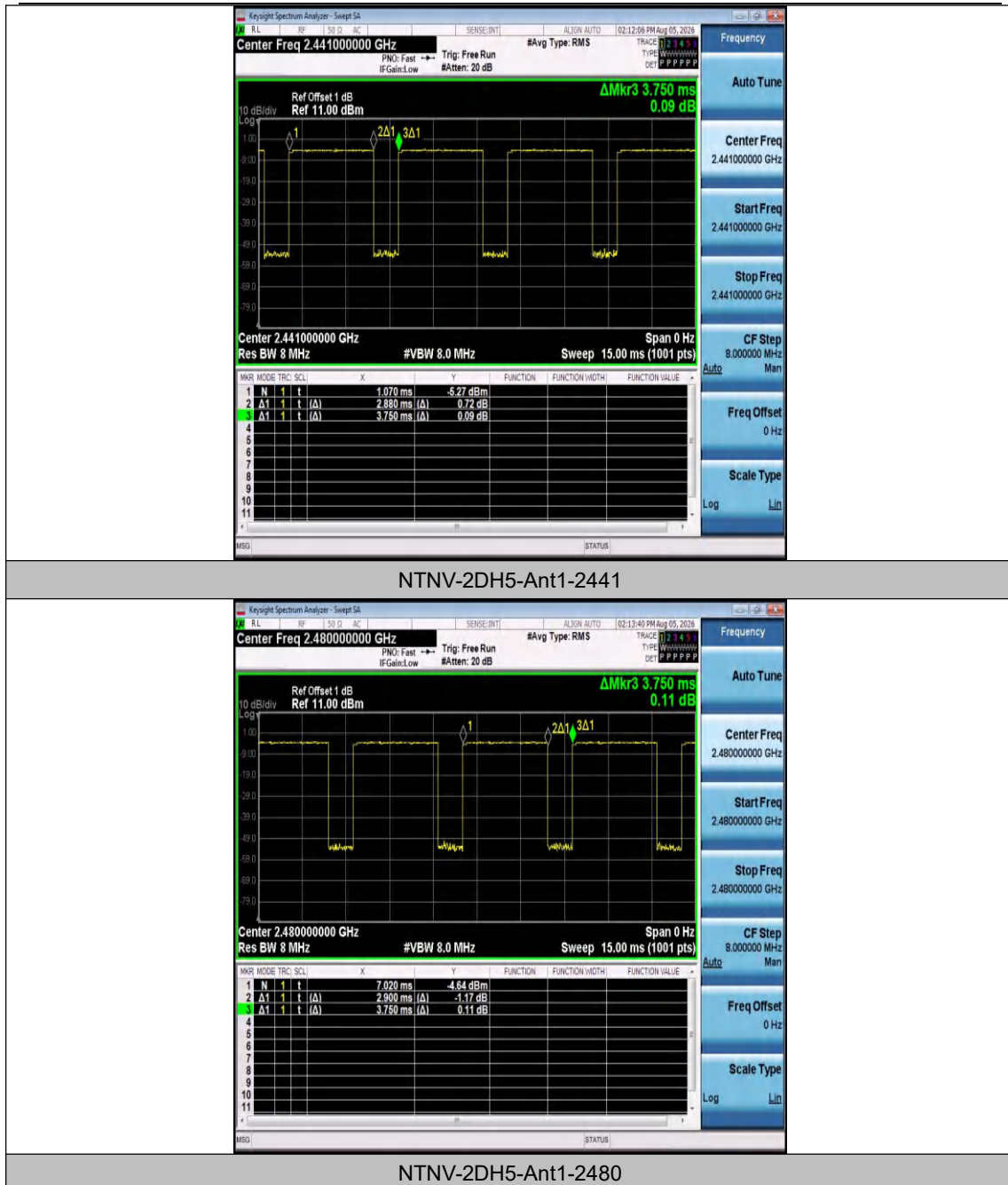


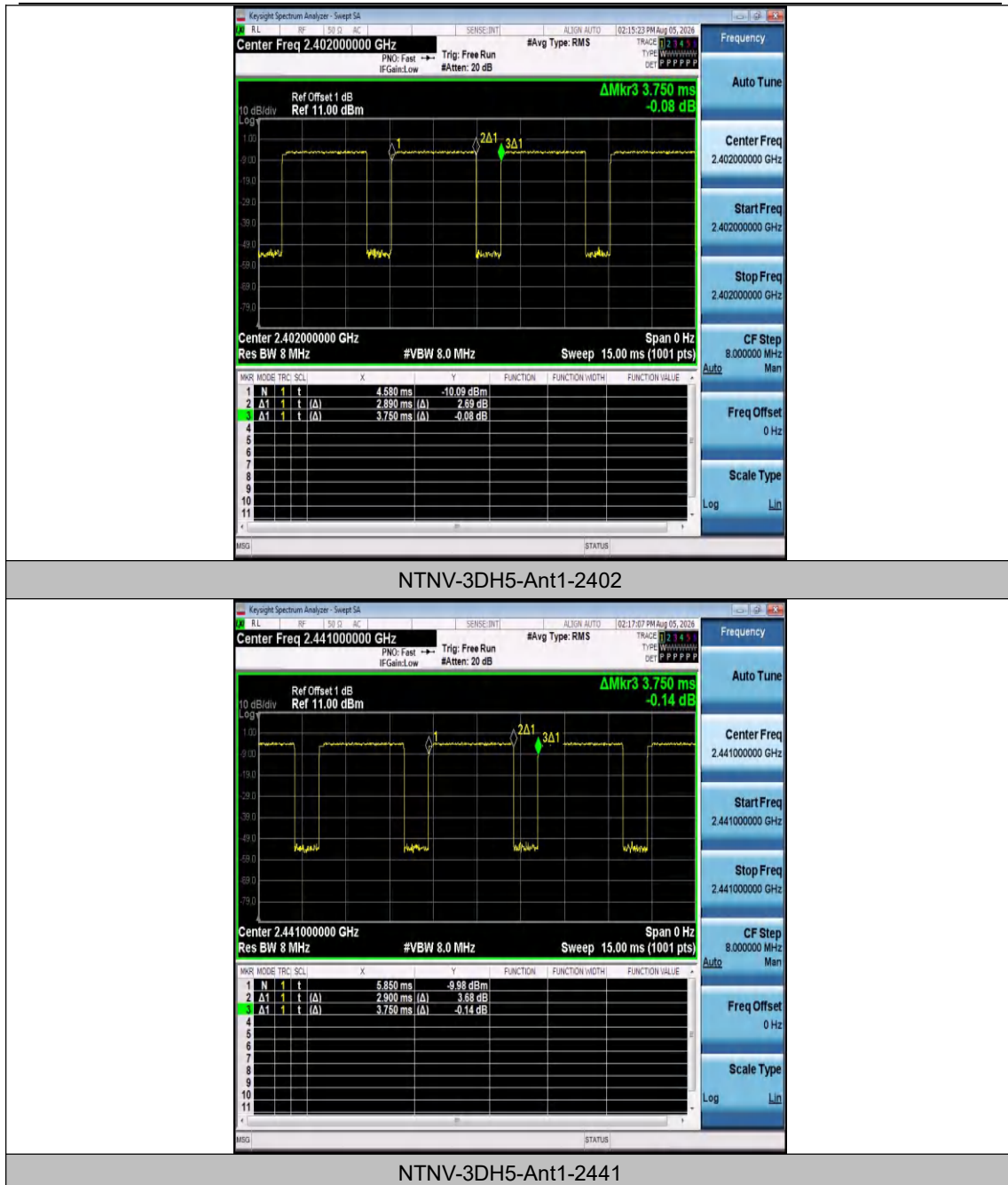


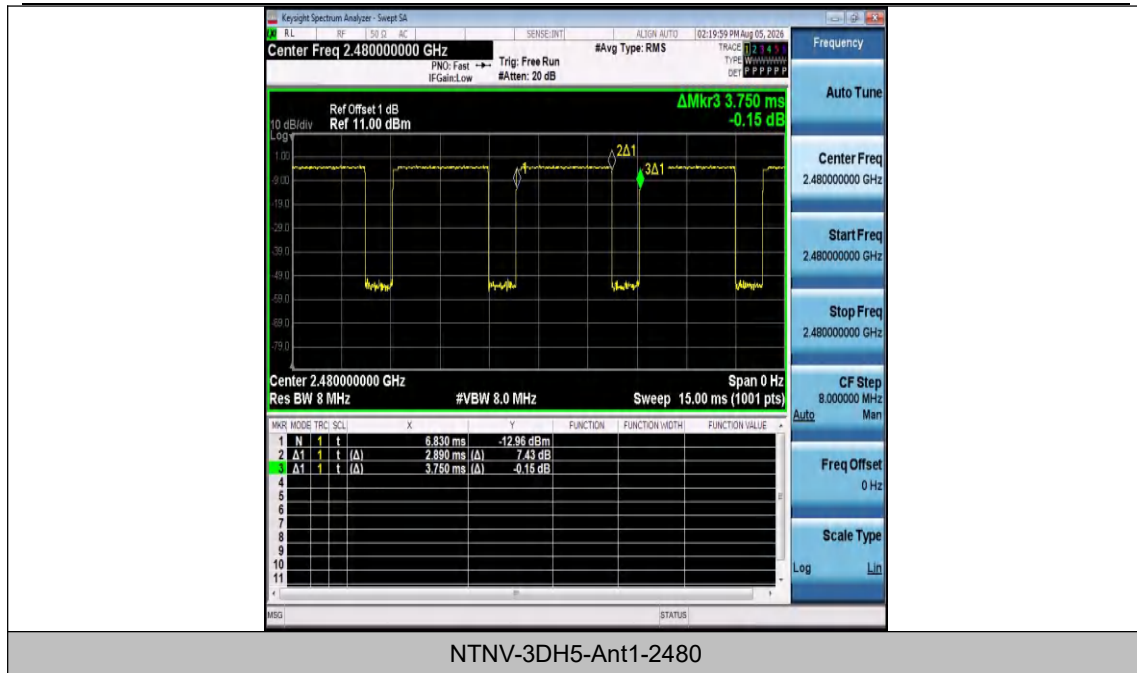
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NTNV-3DH5-Ant1-2480

---End---