

Appendix Test Data

Report No.:	1812C60379012501-01	Test Sample No.:	1-2-2
Start Test Date:	2026-7-7	Finish Test Date:	2026-7-14
Test Engineer:	Pearl Ao	Auditor:	Justin Feng
Temperature:	23.2°C	Relative Humidity:	72%
Pressure:	99.5kPa		



Appendix A: 20dB Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.963	2401.541	2402.504	---	---
DH5	Ant1	2441	0.924	2440.547	2441.471	---	---
DH5	Ant1	2480	0.936	2479.547	2480.483	---	---
2DH5	Ant1	2402	1.335	2401.340	2402.675	---	---
2DH5	Ant1	2441	1.329	2440.343	2441.672	---	---
2DH5	Ant1	2480	1.272	2479.391	2480.663	---	---
3DH5	Ant1	2402	1.257	2401.376	2402.633	---	---
3DH5	Ant1	2441	1.266	2440.373	2441.639	---	---
3DH5	Ant1	2480	1.299	2479.352	2480.651	---	---

Test Graphs



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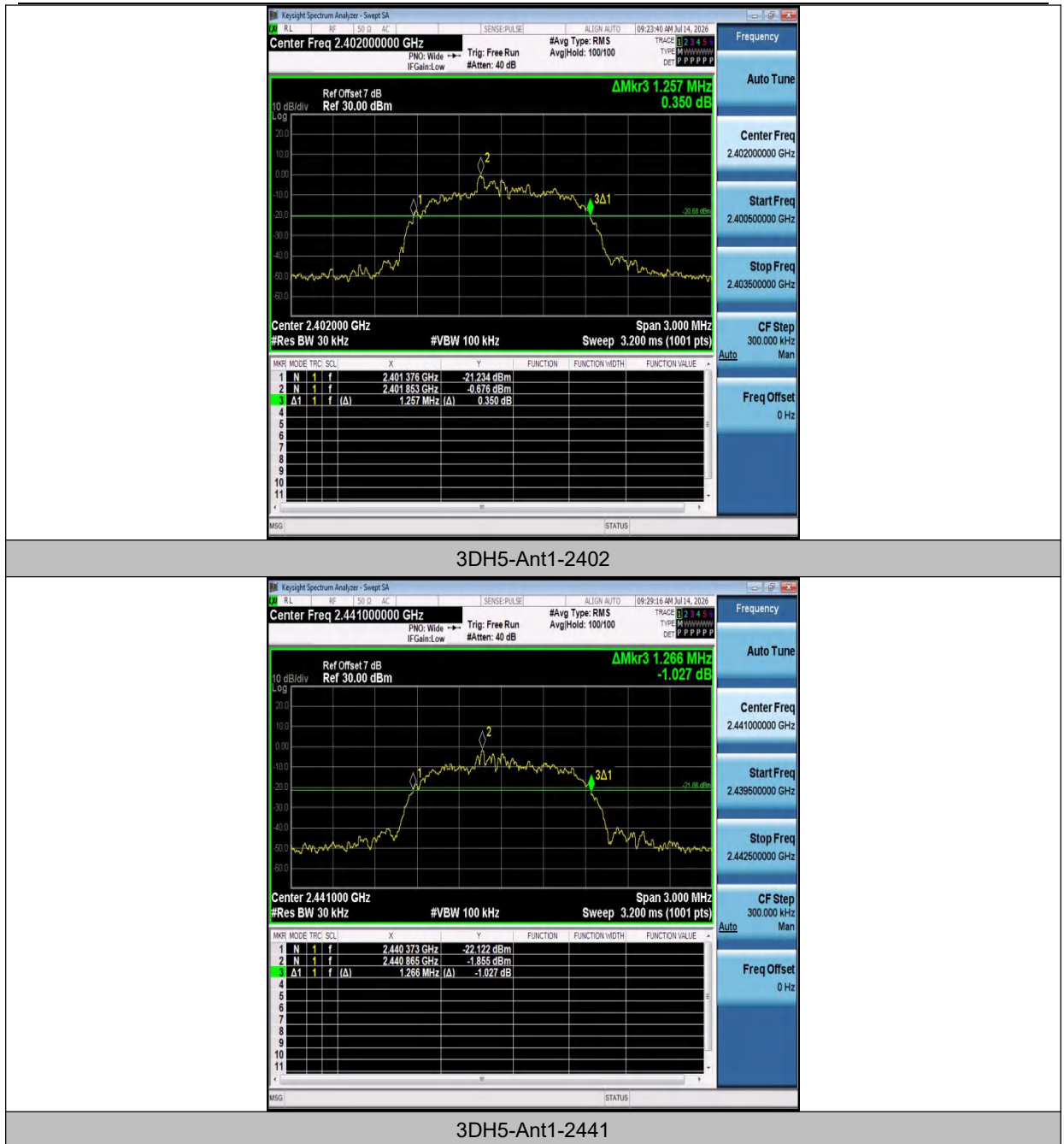
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Appendix B: 99% Occupied Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.87603	2401.5735	2402.4495	---	---
DH5	Ant1	2441	0.87416	2440.5762	2441.4503	---	---
DH5	Ant1	2480	0.85036	2479.5793	2480.4297	---	---
2DH5	Ant1	2402	1.1779	2401.4166	2402.5945	---	---
2DH5	Ant1	2441	1.1788	2440.4217	2441.6005	---	---
2DH5	Ant1	2480	1.1797	2479.4213	2480.6010	---	---
3DH5	Ant1	2402	1.1802	2401.4246	2402.6048	---	---
3DH5	Ant1	2441	1.1718	2440.4249	2441.5967	---	---
3DH5	Ant1	2480	1.1847	2479.4164	2480.6011	---	---

Test Graphs



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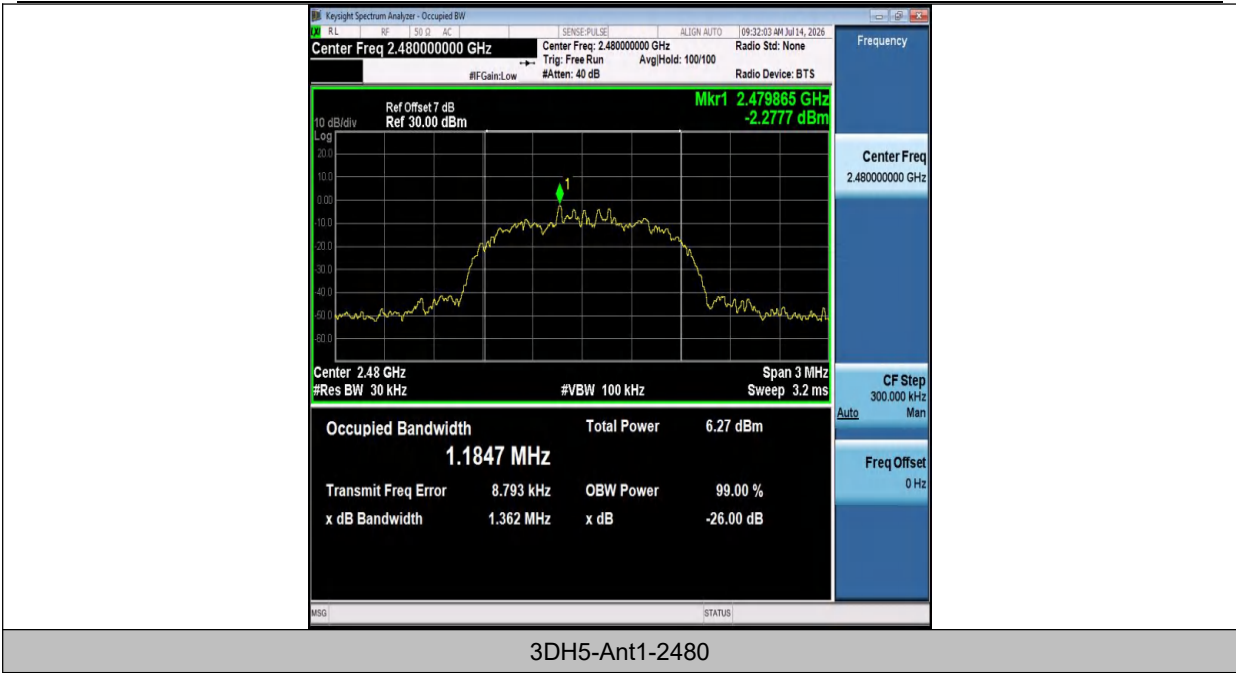
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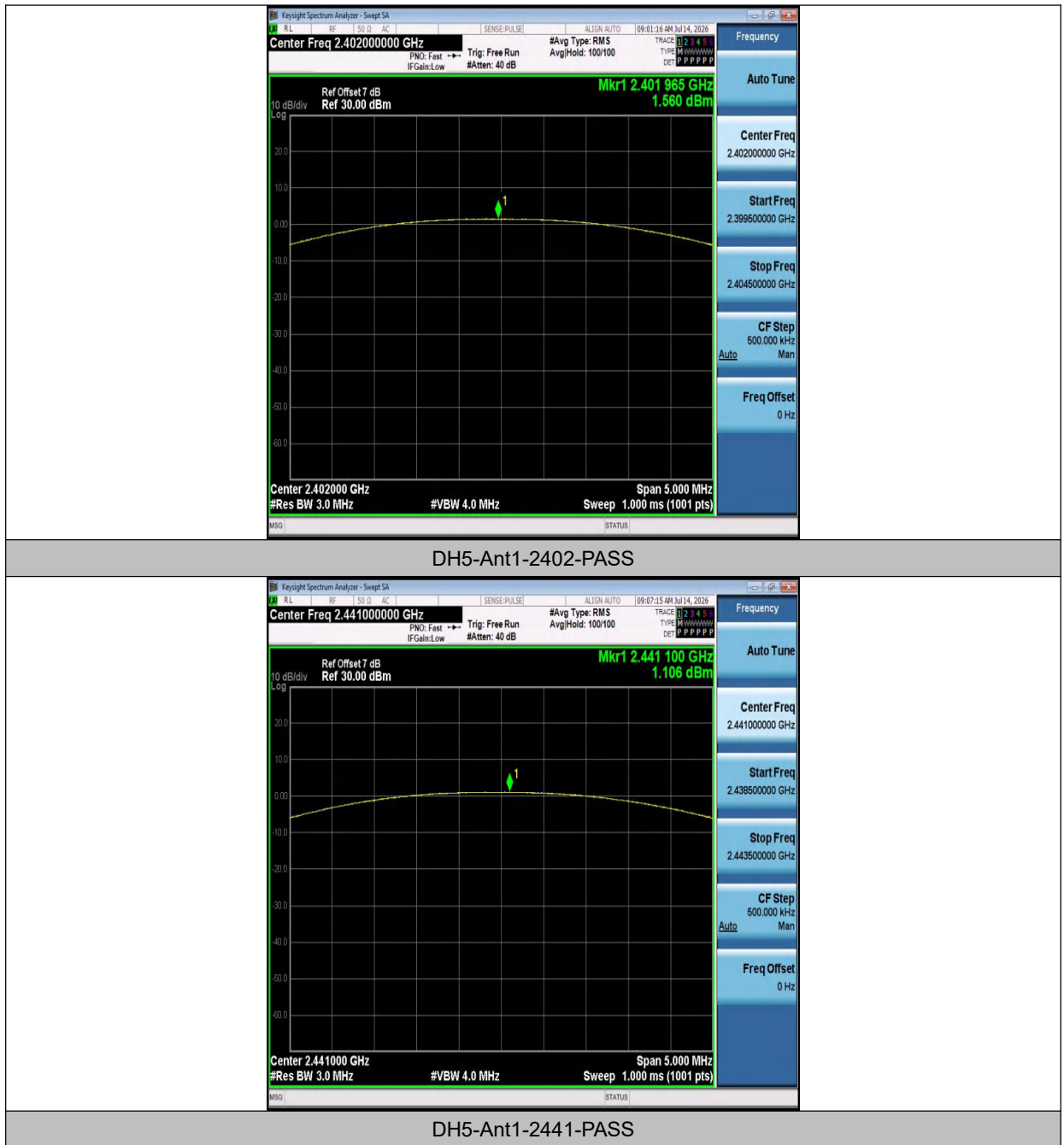
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Appendix C: Maximum Conducted Output Power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	1.56	≤20.97	PASS
DH5	Ant1	2441	1.11	≤20.97	PASS
DH5	Ant1	2480	0.63	≤20.97	PASS
2DH5	Ant1	2402	2.50	≤20.97	PASS
2DH5	Ant1	2441	1.90	≤20.97	PASS
2DH5	Ant1	2480	1.44	≤20.97	PASS
3DH5	Ant1	2402	2.94	≤20.97	PASS
3DH5	Ant1	2441	2.45	≤20.97	PASS
3DH5	Ant1	2480	1.90	≤20.97	PASS

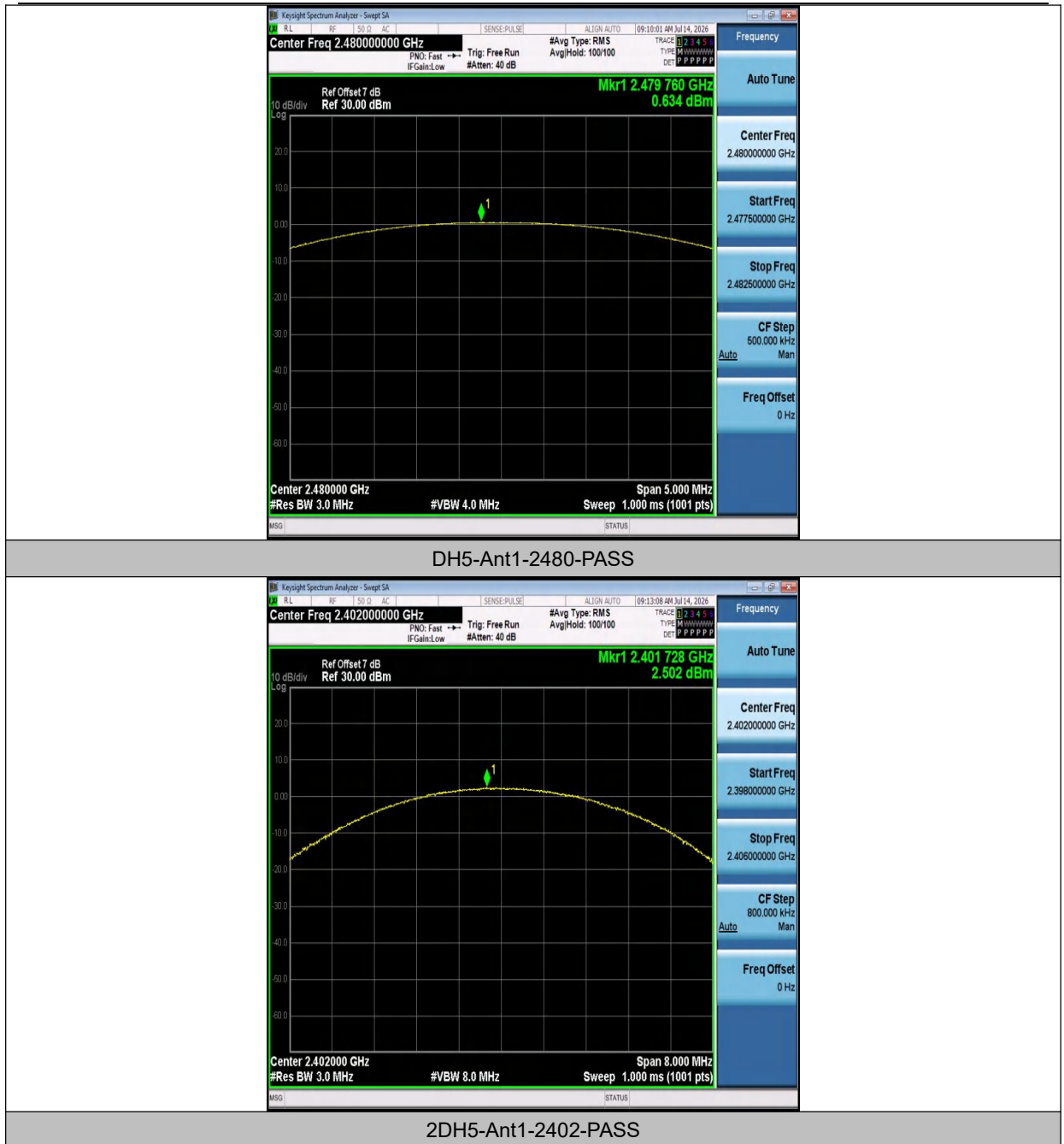
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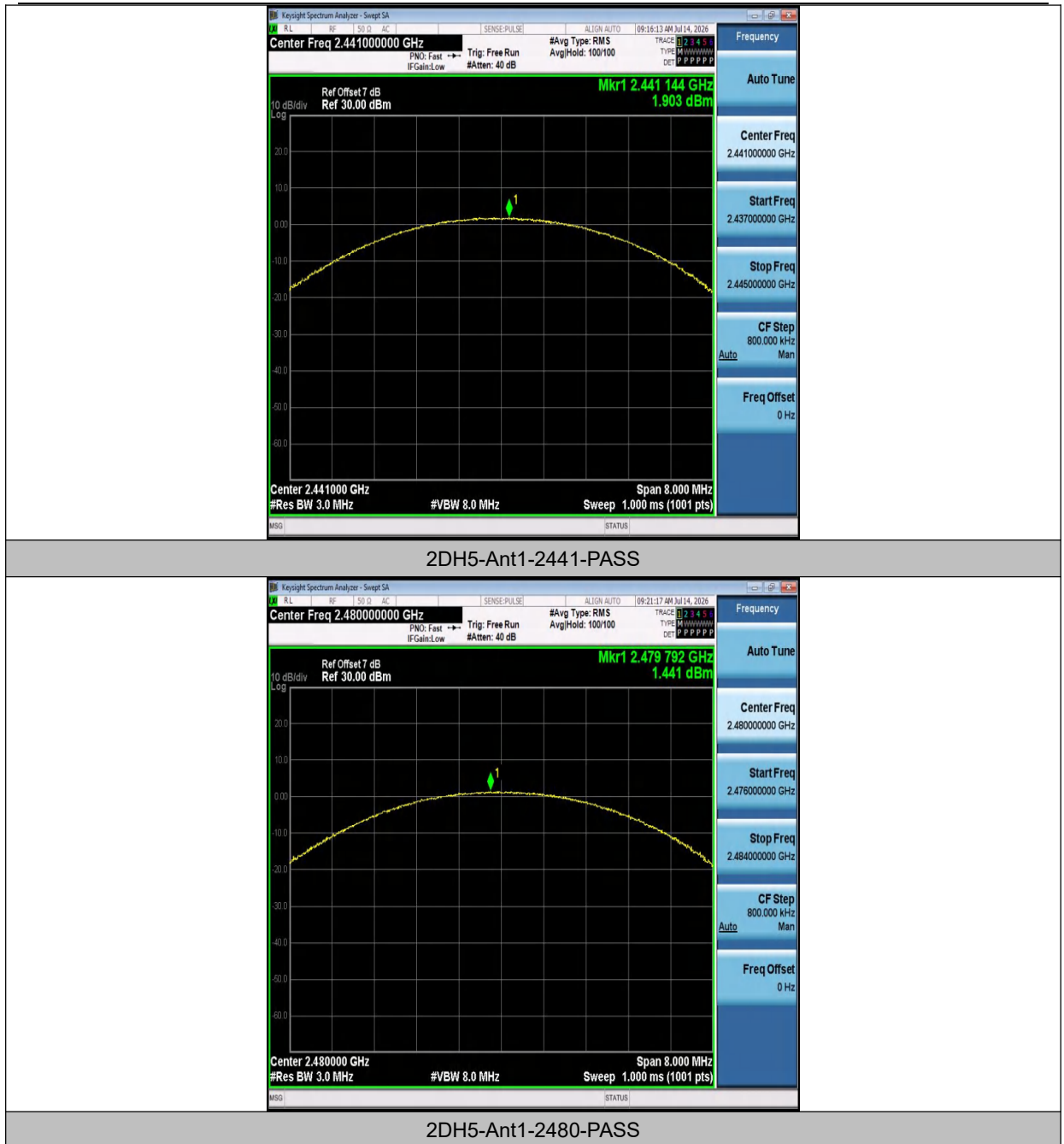
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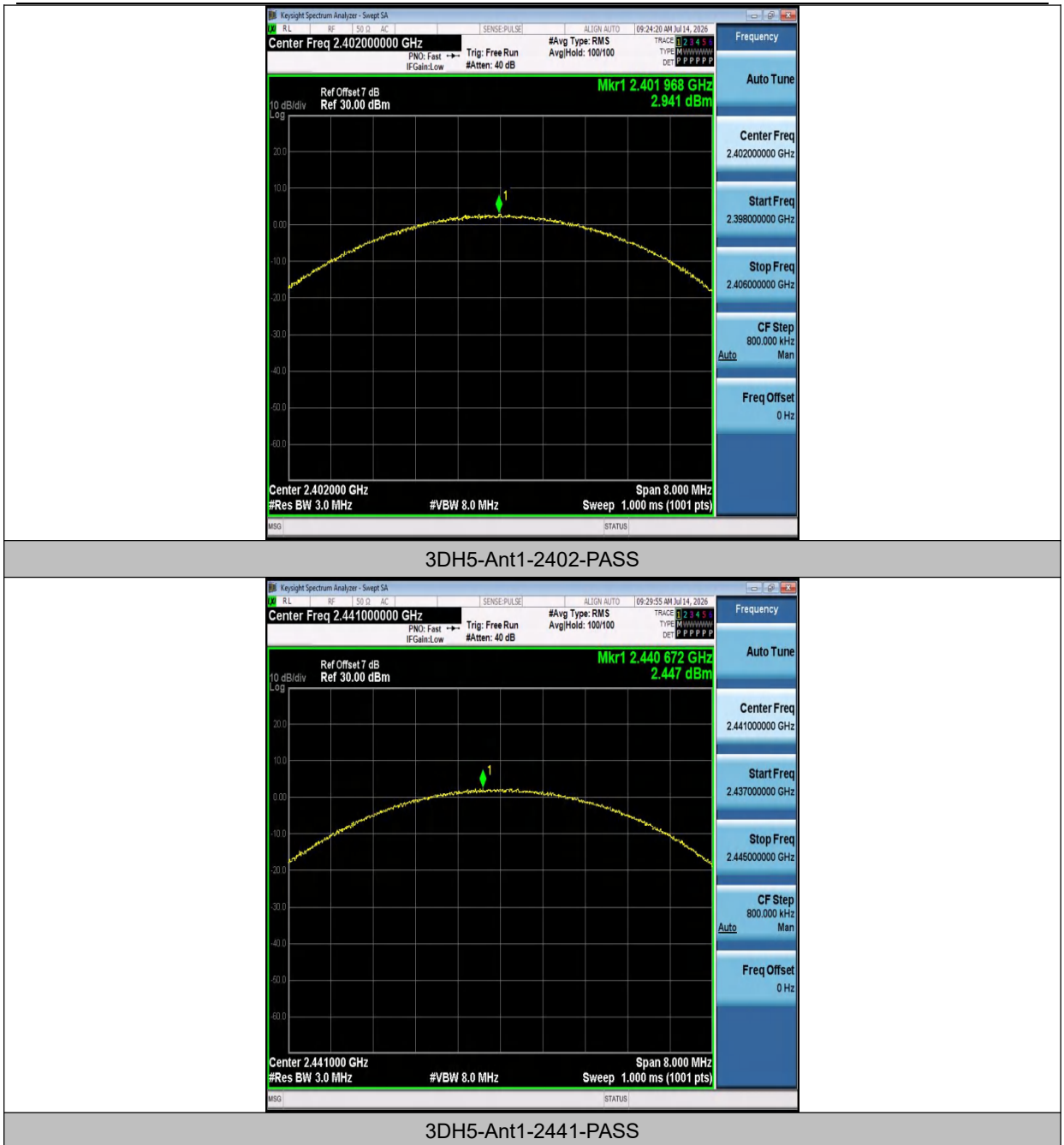
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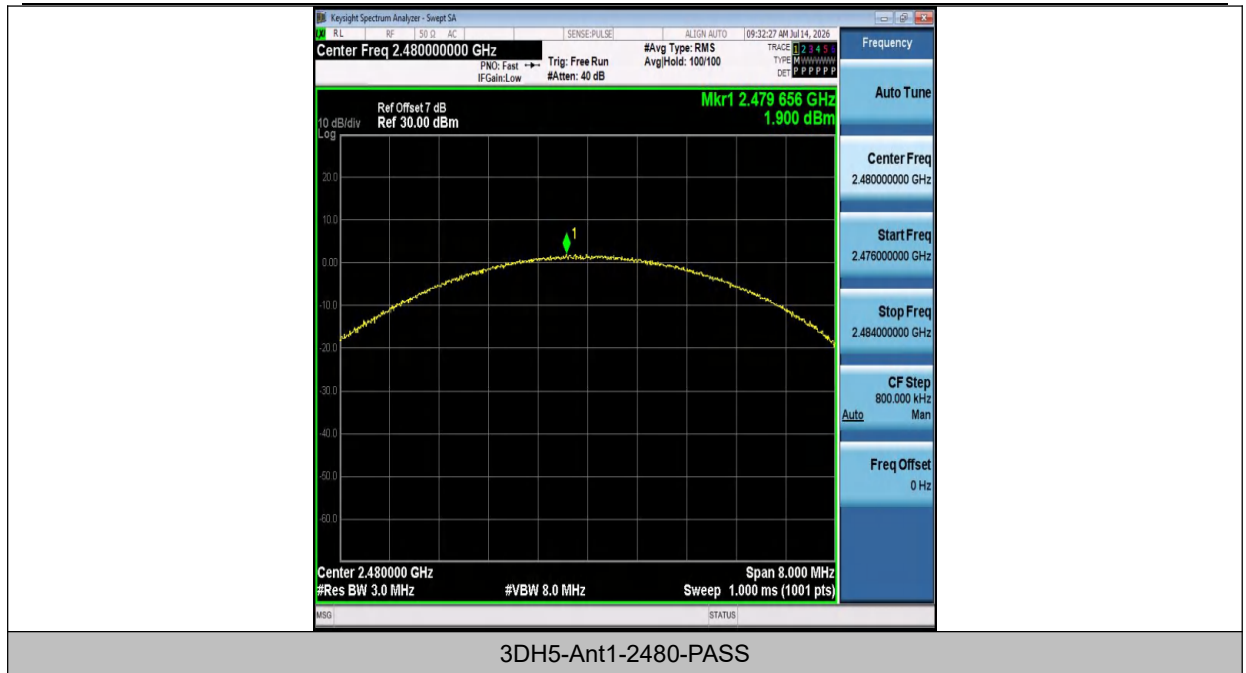
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Appendix D: Carrier frequency separation

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	0.974	≥0.963	PASS
2DH5	Ant1	Hop	1.33	≥0.890	PASS
3DH5	Ant1	Hop	0.994	≥0.866	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.

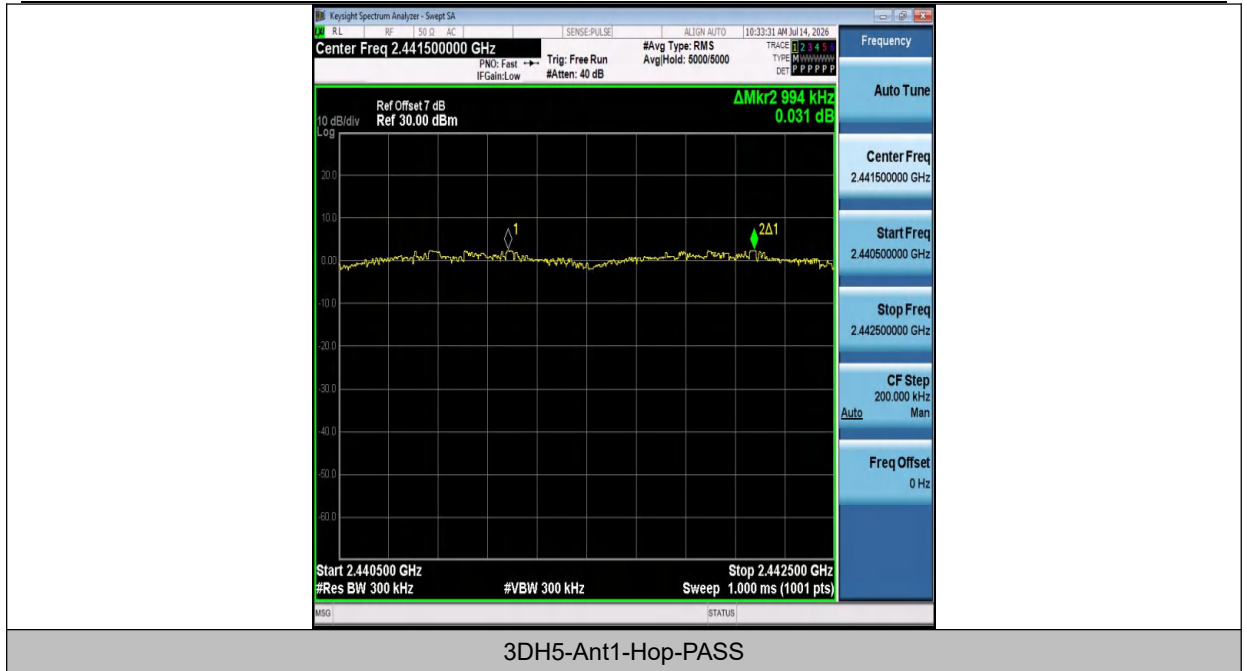
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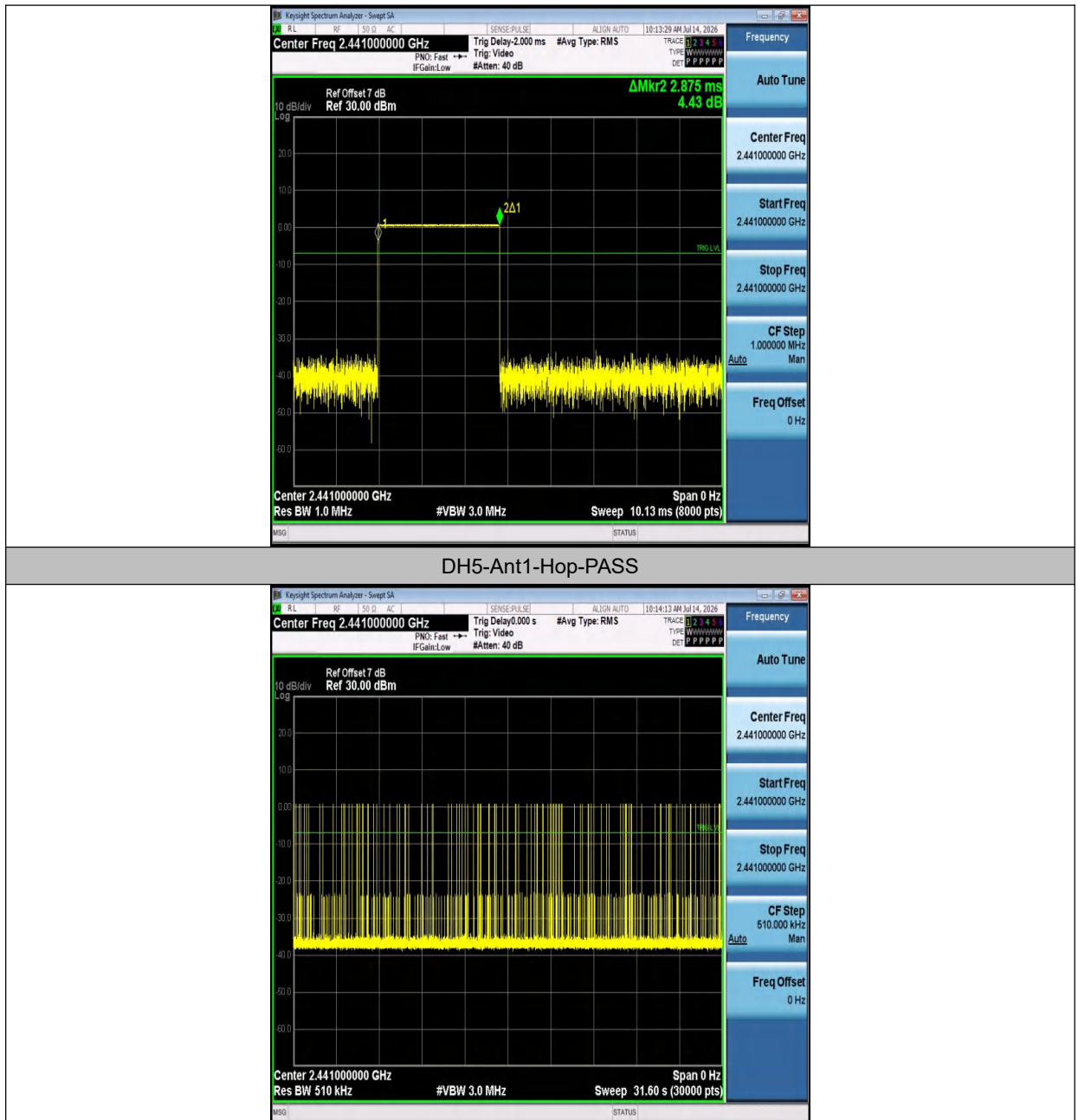
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Appendix E: Dwell Time

Test Result

Test Mode	Antenna	Frequency [MHz]	Burst Width [ms]	Total Hops [Num]	Result [s]	Limit [s]	Verdict
DH5	Ant1	Hop	2.875	105	0.302	≤0.4	PASS
2DH5	Ant1	Hop	2.882	120	0.346	≤0.4	PASS
3DH5	Ant1	Hop	2.883	125	0.36	≤0.4	PASS

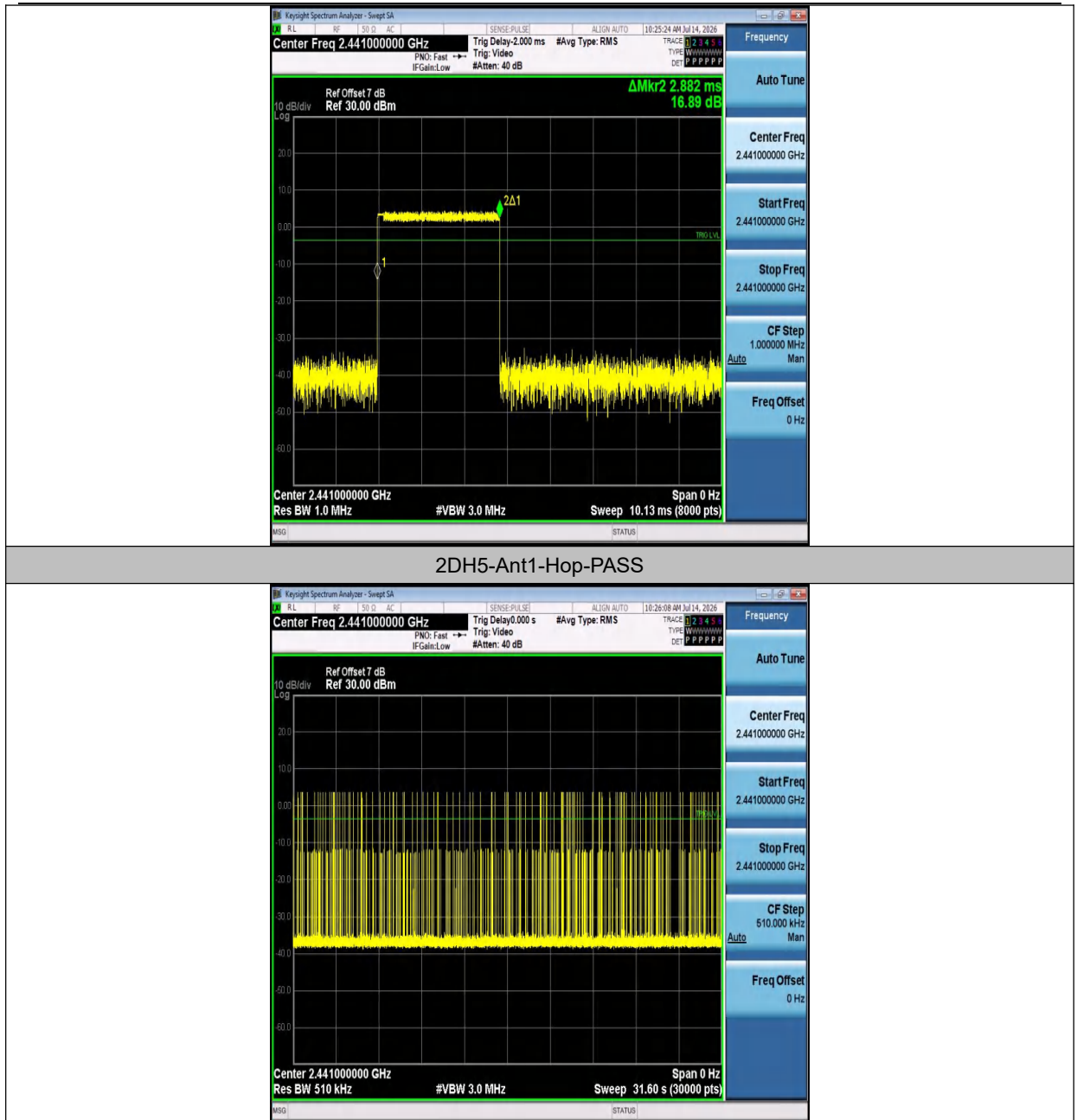
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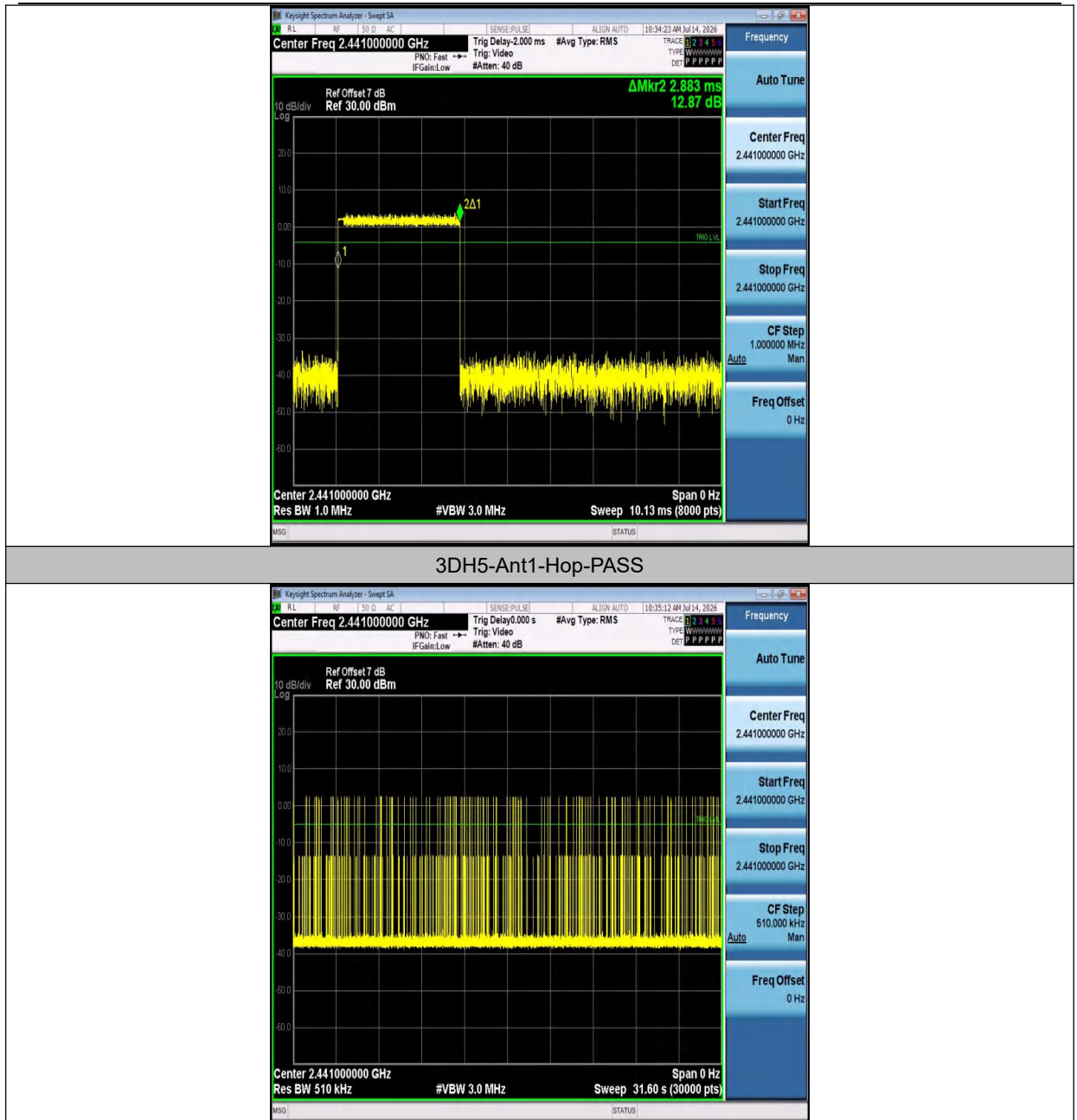
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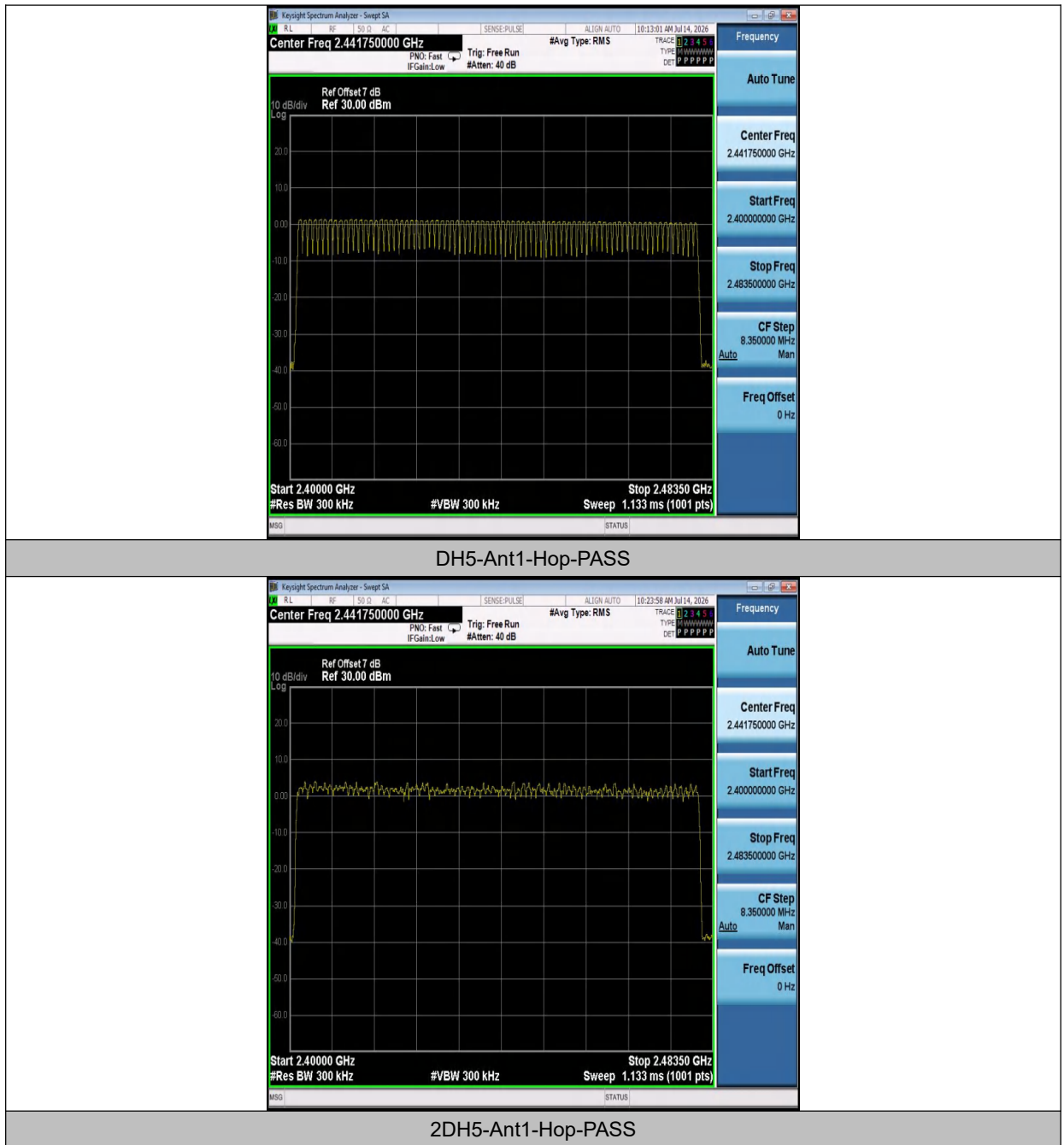
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Appendix F: Number of Hopping Channel

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

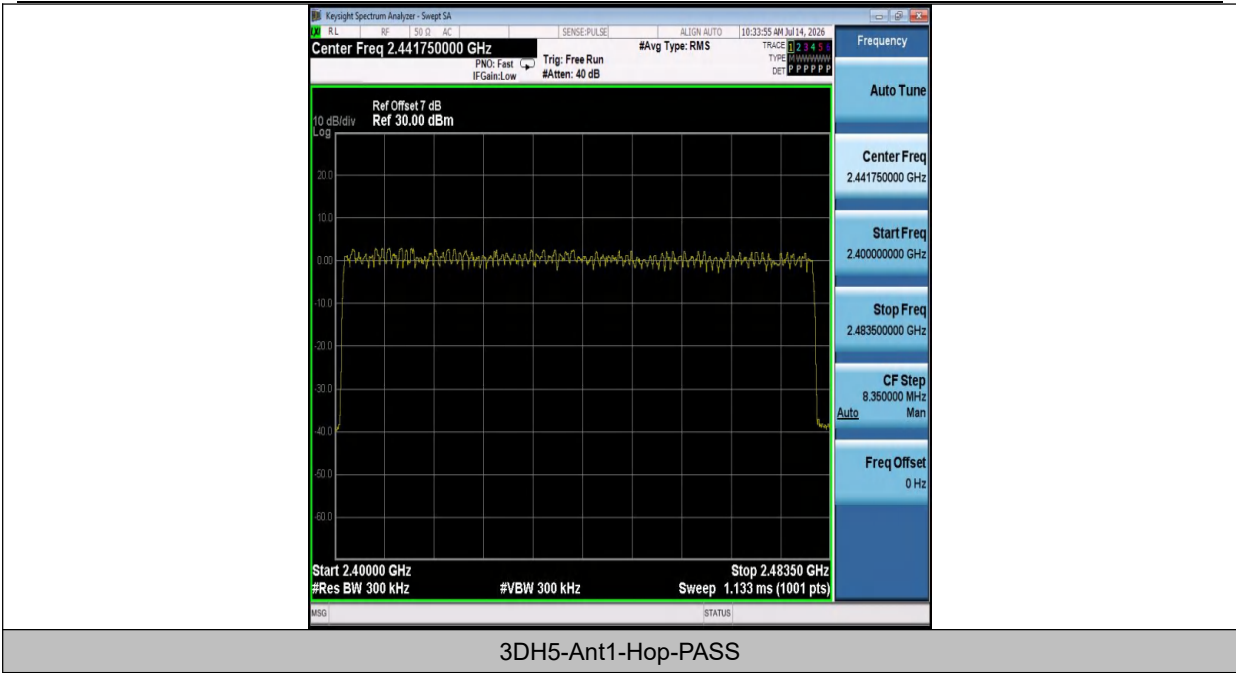
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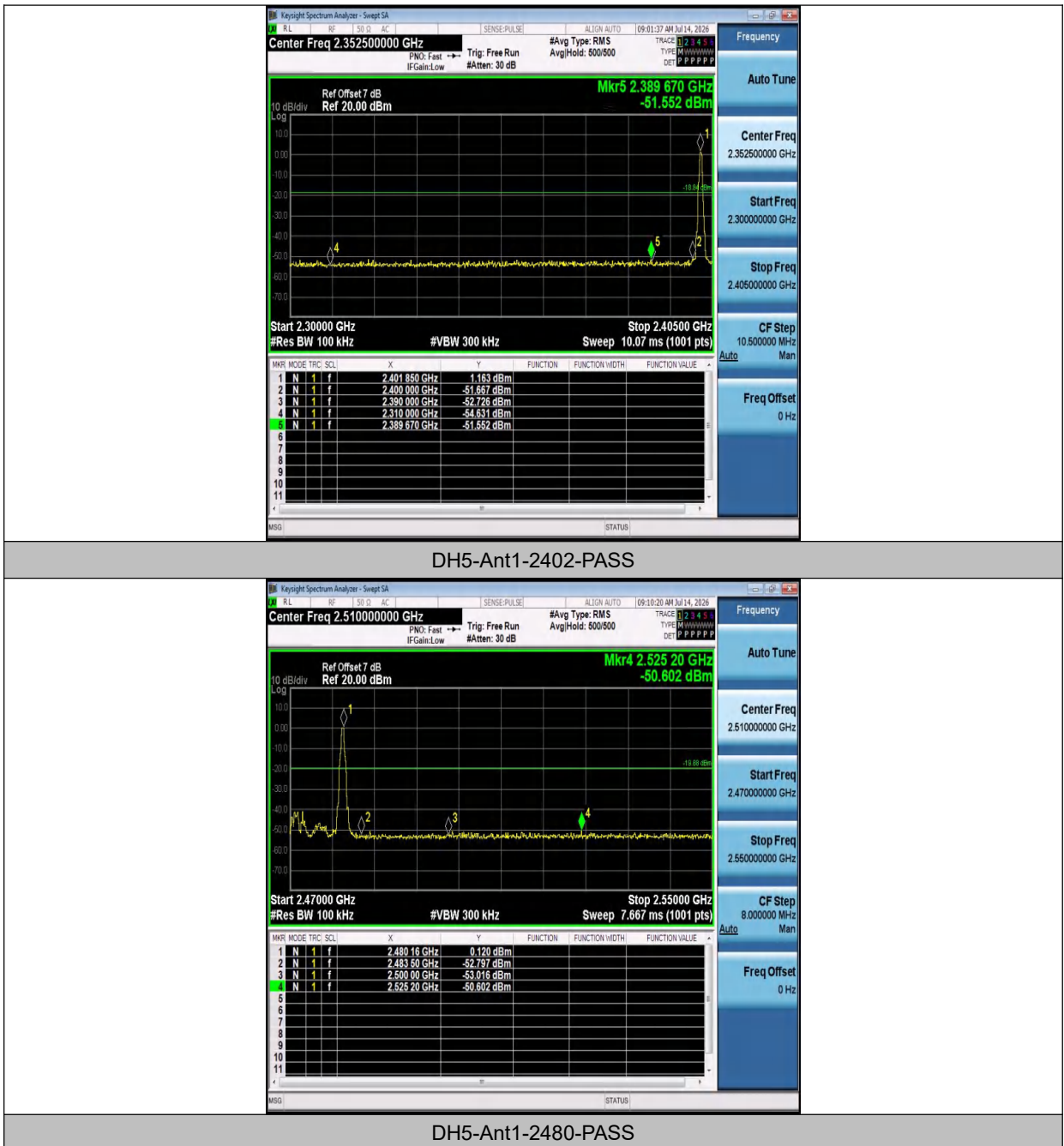
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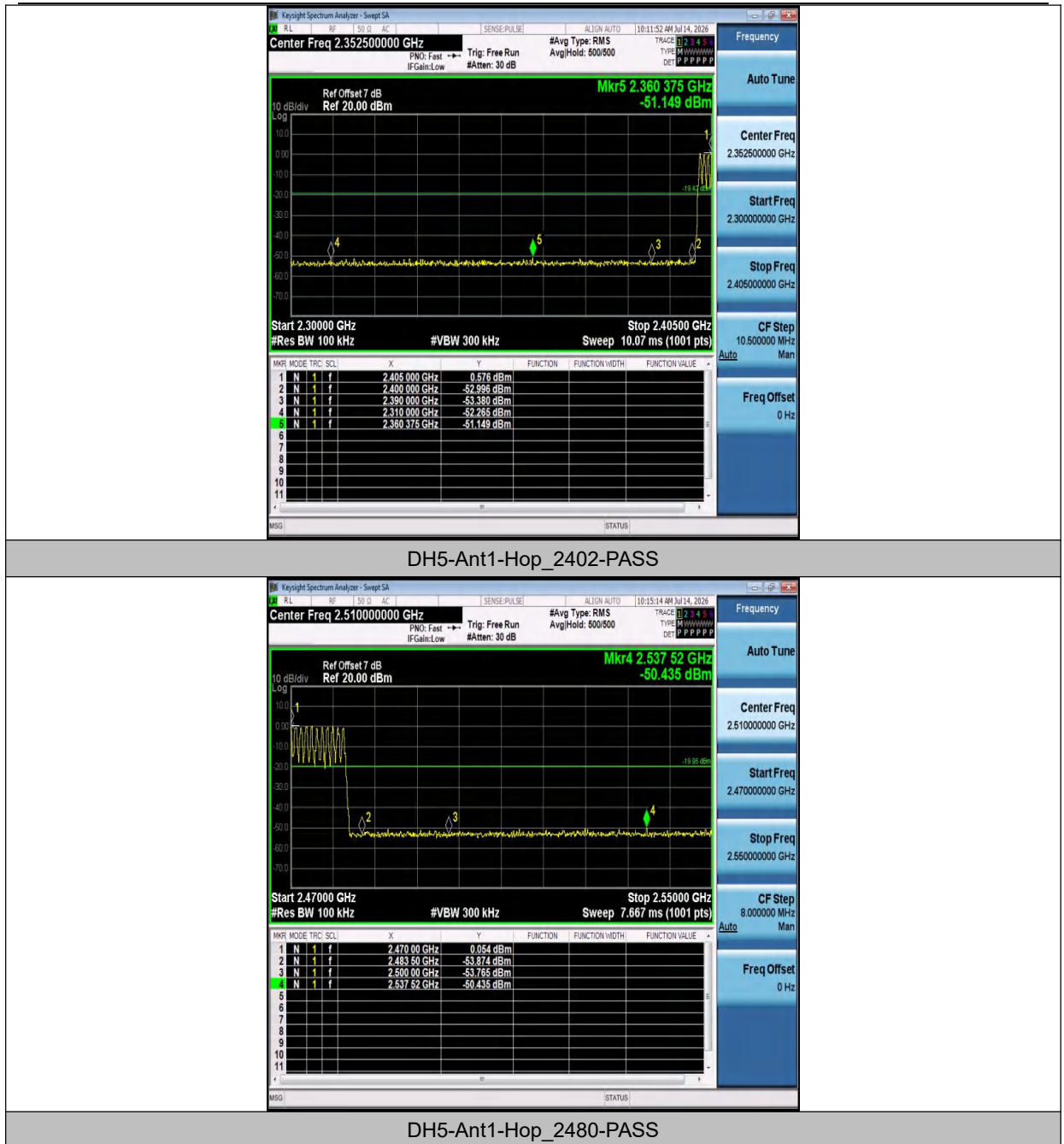
Appendix G: Conducted Band edge

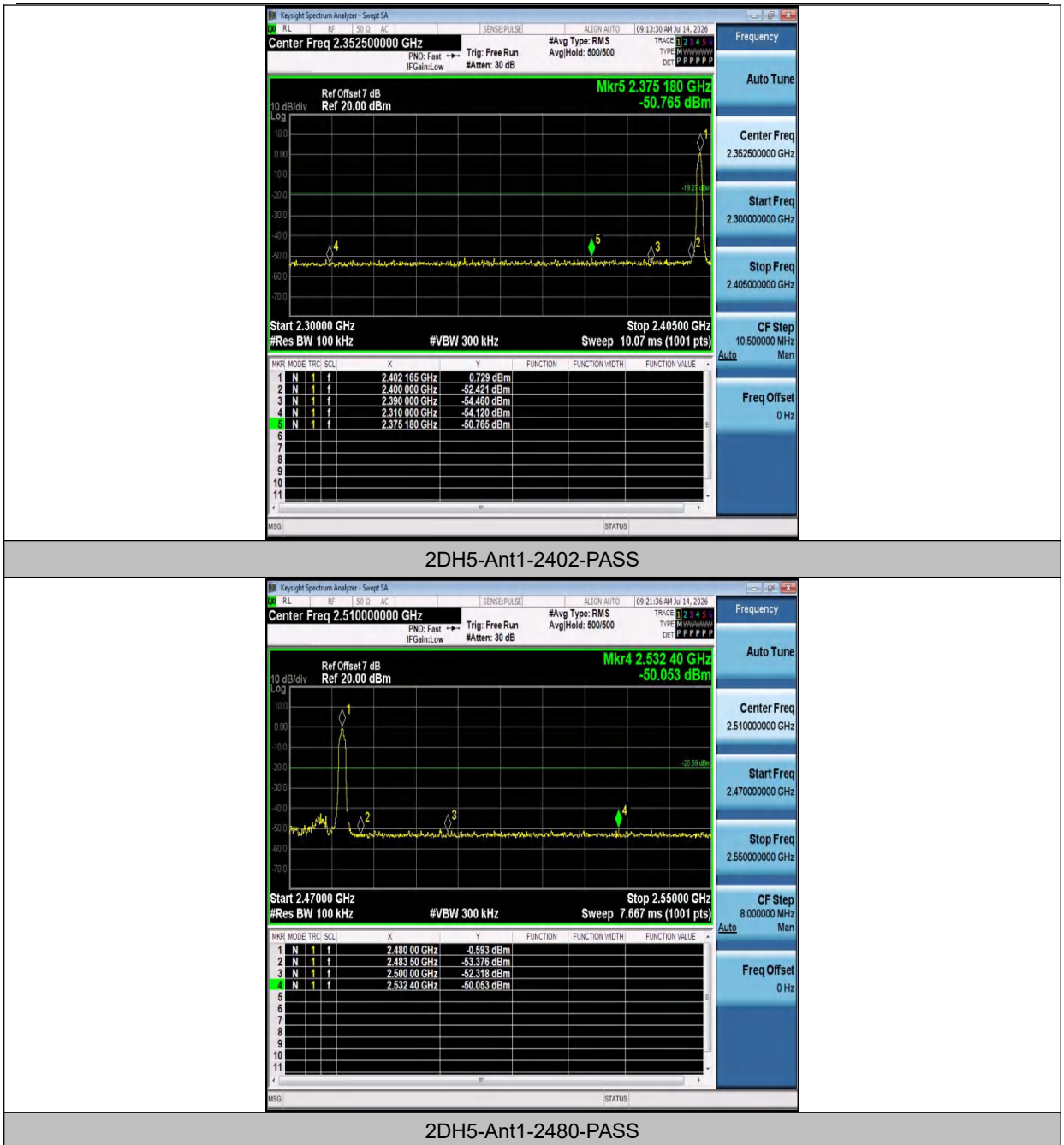
Test Result

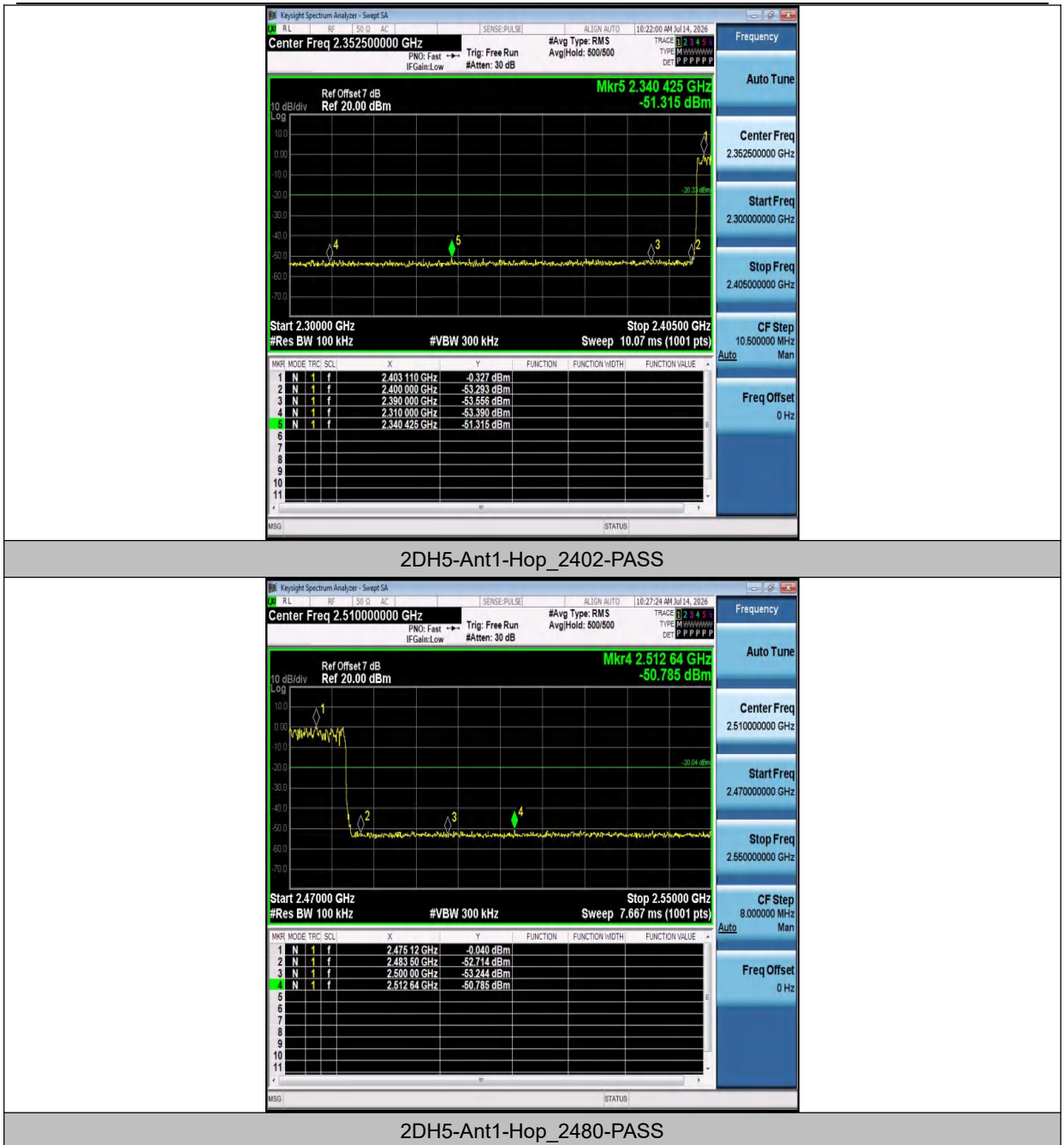
Test Mode	Antenna	Ch. Name	Frequency [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	1.16	-51.55	≤-18.84	PASS
DH5	Ant1	High	2480	0.12	-50.6	≤-19.88	PASS
DH5	Ant1	Low	Hop_2402	0.58	-51.15	≤-19.42	PASS
DH5	Ant1	High	Hop_2480	0.05	-50.44	≤-19.95	PASS
2DH5	Ant1	Low	2402	0.73	-50.77	≤-19.27	PASS
2DH5	Ant1	High	2480	-0.59	-50.05	≤-20.59	PASS
2DH5	Ant1	Low	Hop_2402	-0.33	-51.32	≤-20.33	PASS
2DH5	Ant1	High	Hop_2480	-0.04	-50.79	≤-20.04	PASS
3DH5	Ant1	Low	2402	0.85	-50.96	≤-19.15	PASS
3DH5	Ant1	High	2480	-0.05	-50.64	≤-20.05	PASS
3DH5	Ant1	Low	Hop_2402	1.93	-51.31	≤-18.07	PASS
3DH5	Ant1	High	Hop_2480	1.00	-50.2	≤-19	PASS

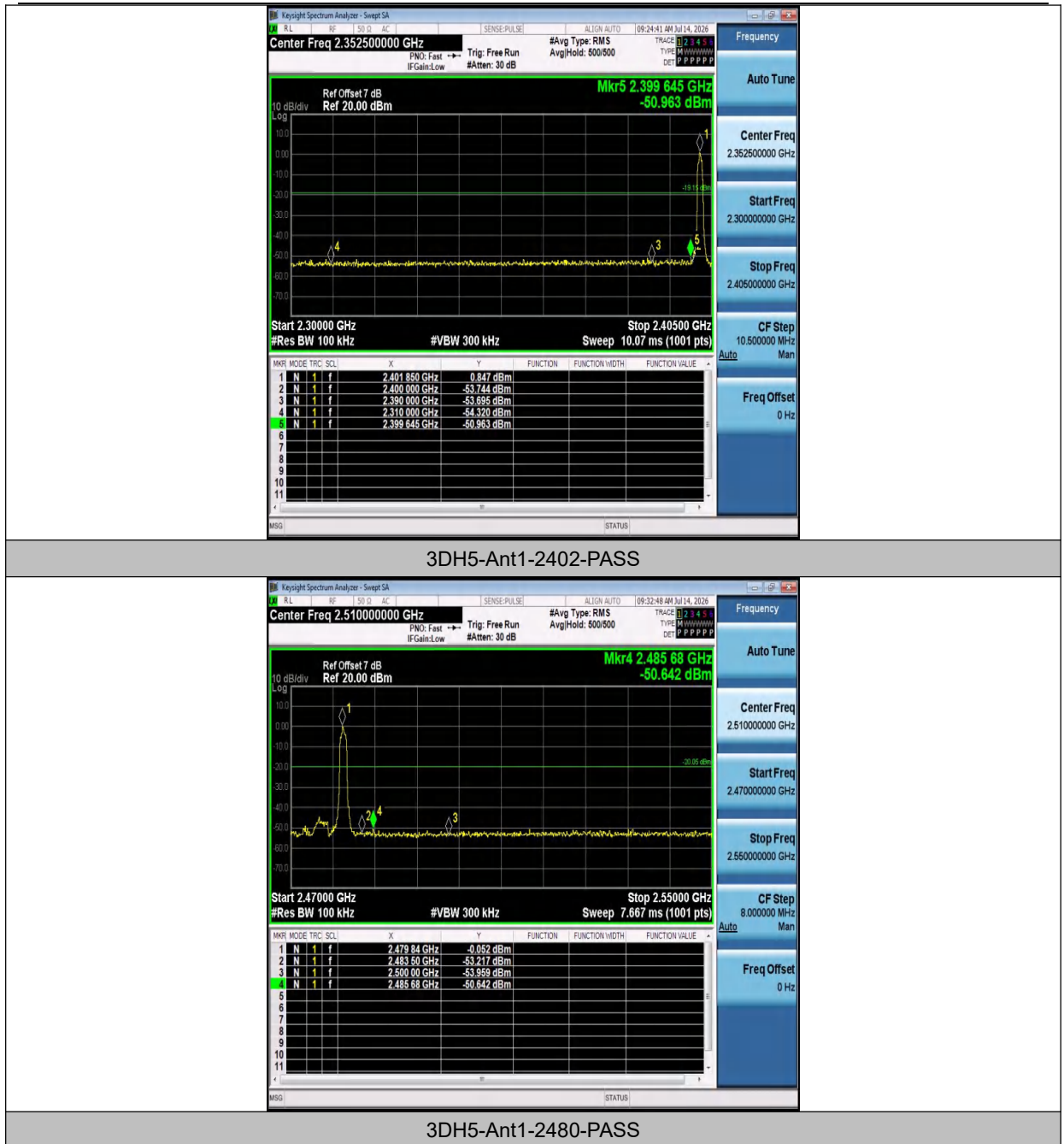
Test Graphs

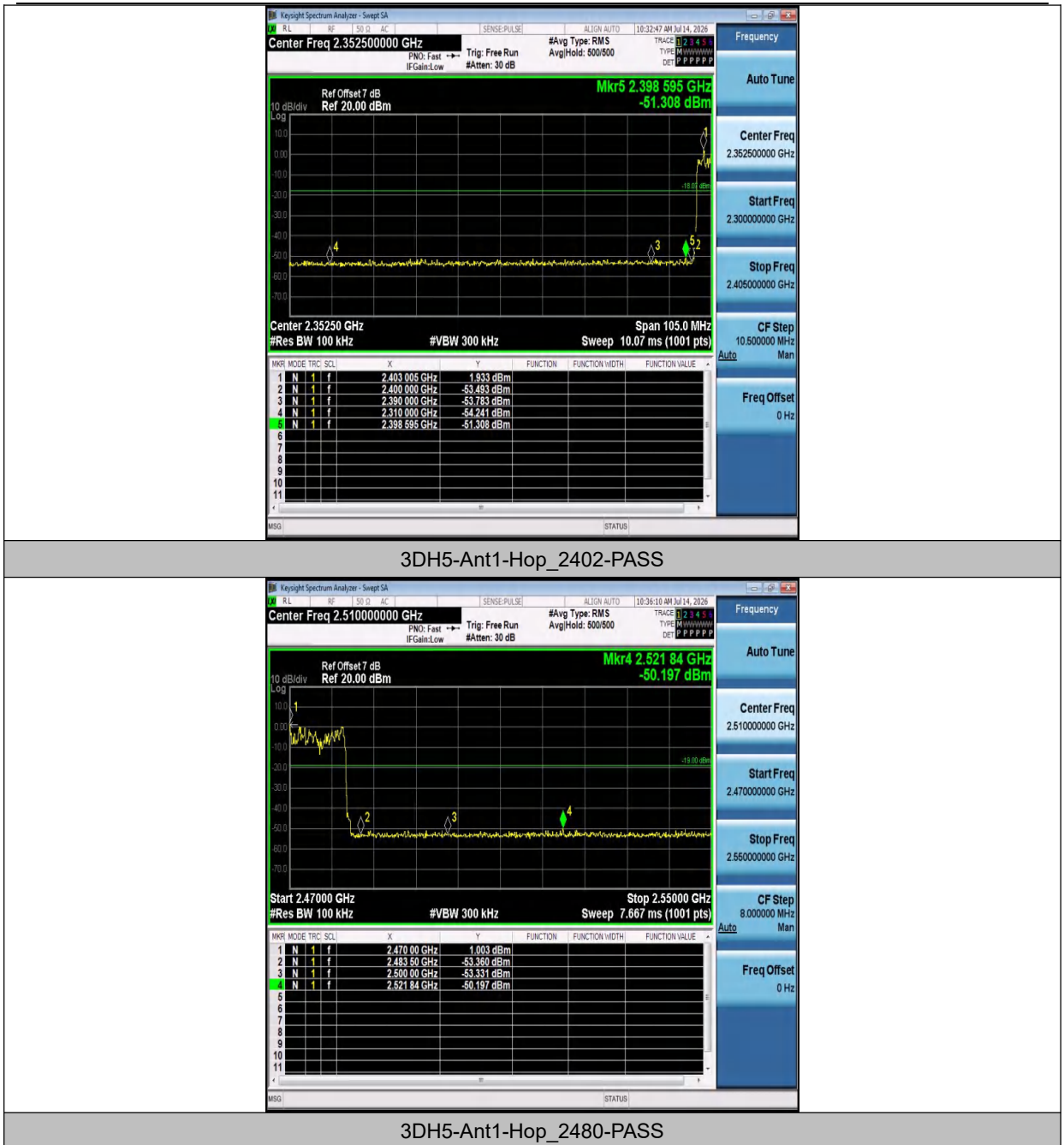












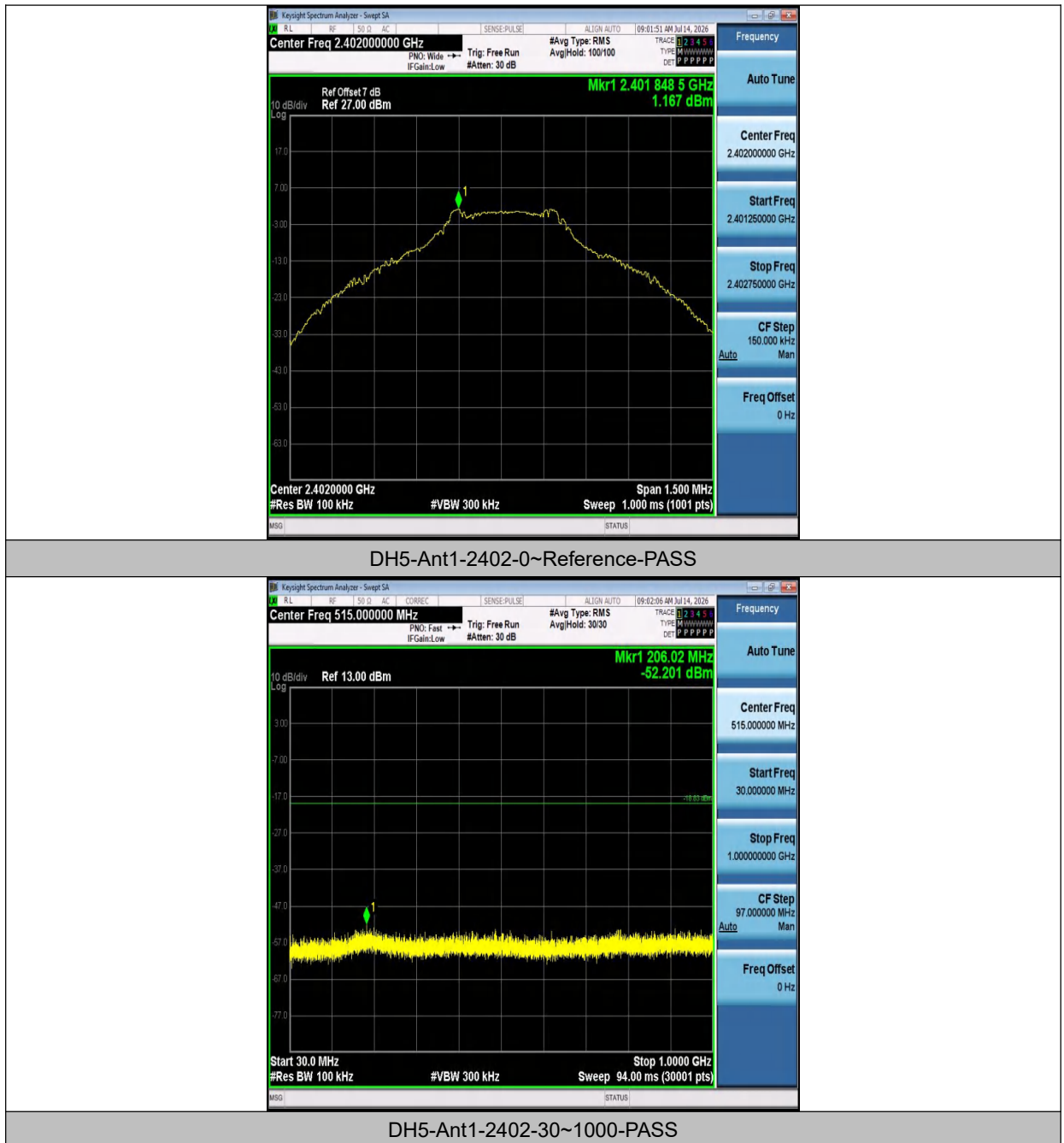
Appendix H: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency[MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	0~Reference	1.17	1.17	---	PASS
DH5	Ant1	2402	30~1000	1.17	-52.2	≤-18.83	PASS
DH5	Ant1	2402	1000~26500	1.17	-37.39	≤-18.83	PASS
DH5	Ant1	2441	0~Reference	0.70	0.70	---	PASS
DH5	Ant1	2441	30~1000	0.70	-52.23	≤-19.3	PASS
DH5	Ant1	2441	1000~26500	0.70	-37.44	≤-19.3	PASS
DH5	Ant1	2480	0~Reference	0.20	0.20	---	PASS
DH5	Ant1	2480	30~1000	0.20	-52.64	≤-19.8	PASS
DH5	Ant1	2480	1000~26500	0.20	-37.35	≤-19.8	PASS
2DH5	Ant1	2402	0~Reference	0.39	0.39	---	PASS
2DH5	Ant1	2402	30~1000	0.39	-52.14	≤-19.61	PASS
2DH5	Ant1	2402	1000~26500	0.39	-37.36	≤-19.61	PASS
2DH5	Ant1	2441	0~Reference	0.23	0.23	---	PASS
2DH5	Ant1	2441	30~1000	0.23	-52.46	≤-19.77	PASS
2DH5	Ant1	2441	1000~26500	0.23	-36.82	≤-19.77	PASS
2DH5	Ant1	2480	0~Reference	-0.52	-0.52	---	PASS
2DH5	Ant1	2480	30~1000	-0.52	-52.01	≤-20.52	PASS
2DH5	Ant1	2480	1000~26500	-0.52	-37.4	≤-20.52	PASS
3DH5	Ant1	2402	0~Reference	0.68	0.68	---	PASS
3DH5	Ant1	2402	30~1000	0.68	-52.56	≤-19.32	PASS
3DH5	Ant1	2402	1000~26500	0.68	-35.8	≤-19.32	PASS
3DH5	Ant1	2441	0~Reference	0.39	0.39	---	PASS
3DH5	Ant1	2441	30~1000	0.39	-51.98	≤-19.61	PASS
3DH5	Ant1	2441	1000~26500	0.39	-37.25	≤-19.61	PASS
3DH5	Ant1	2480	0~Reference	-0.22	-0.22	---	PASS
3DH5	Ant1	2480	30~1000	-0.22	-52.2	≤-20.22	PASS
3DH5	Ant1	2480	1000~26500	-0.22	-37.8	≤-20.22	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.

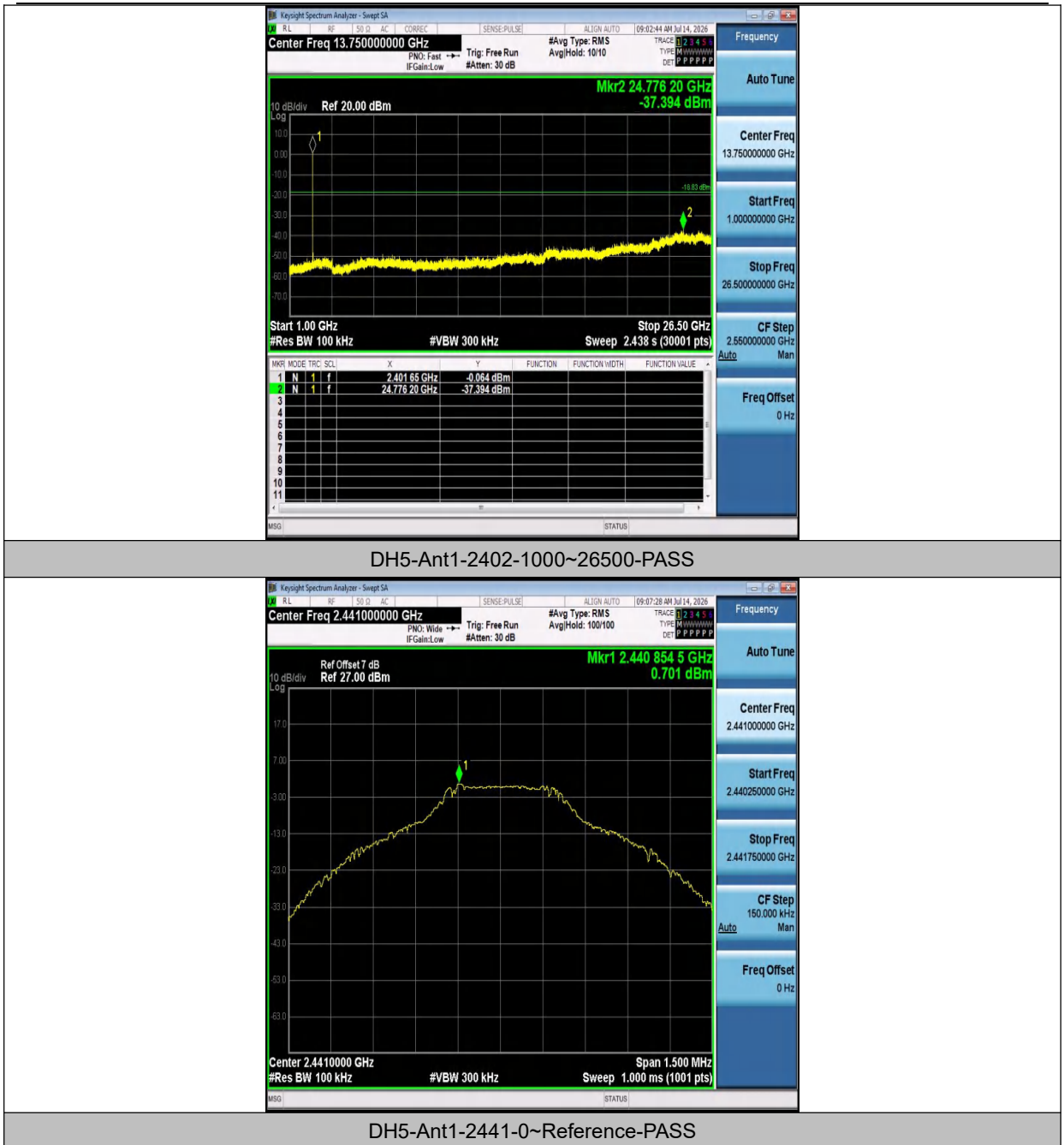
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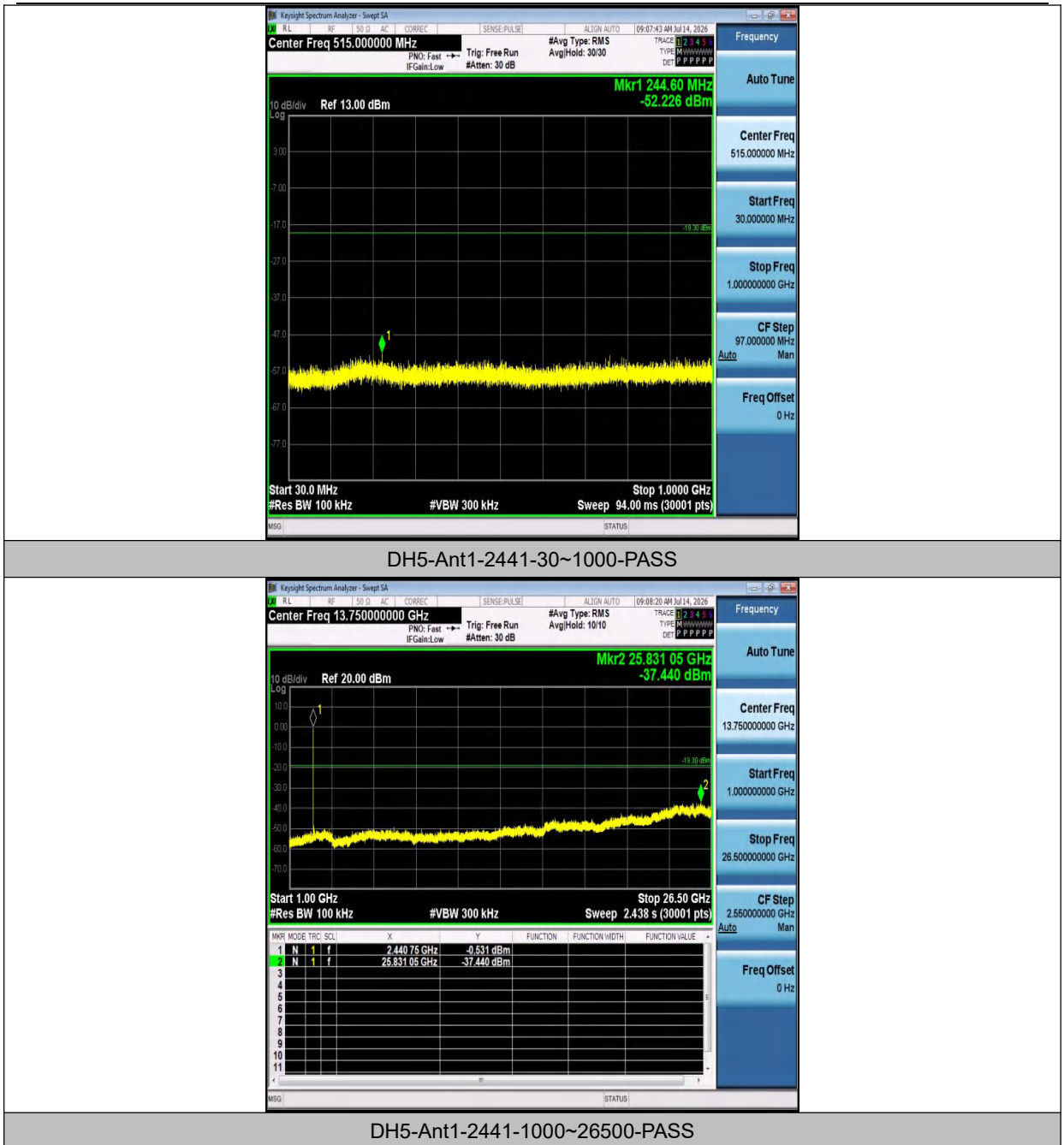
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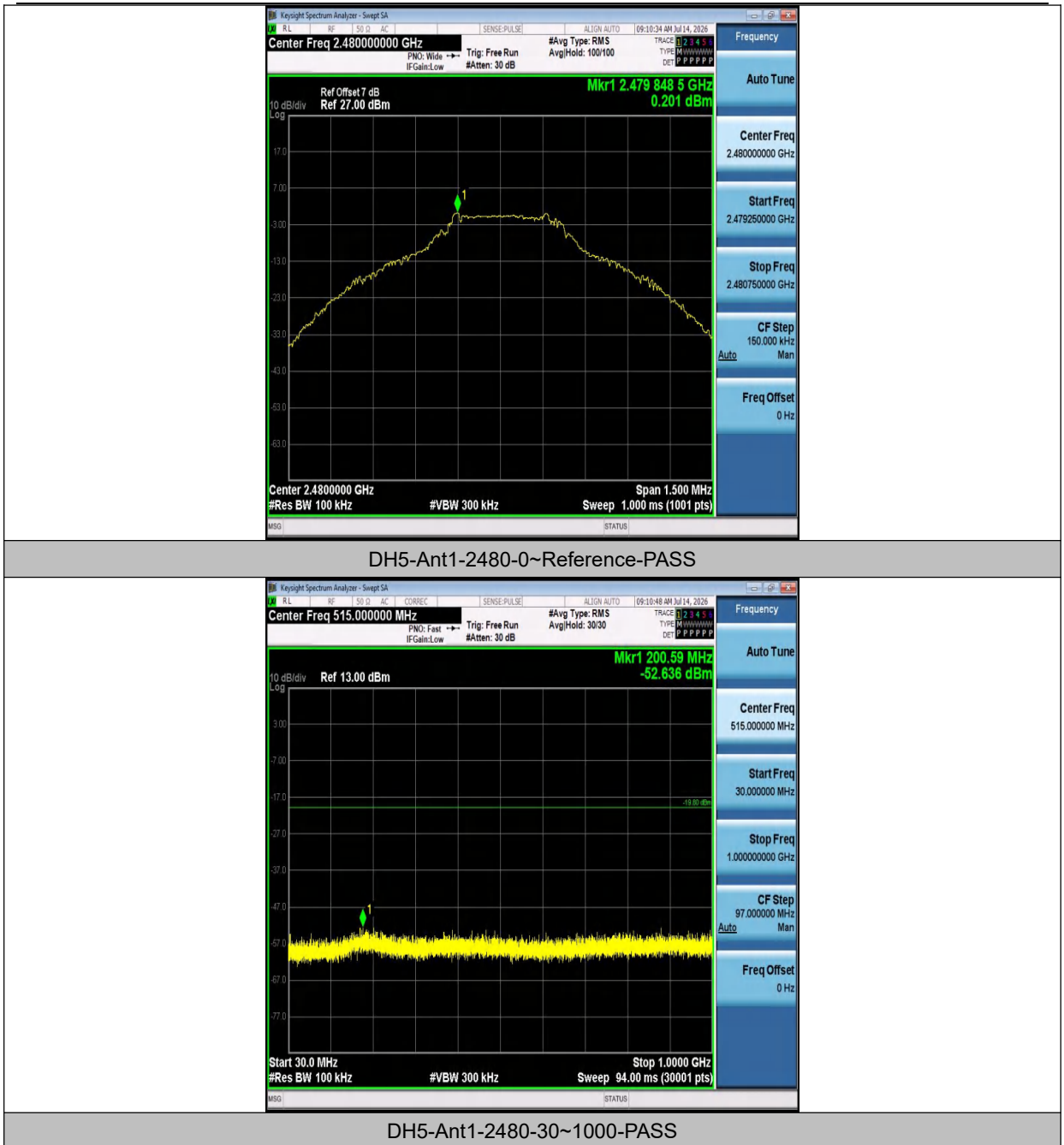
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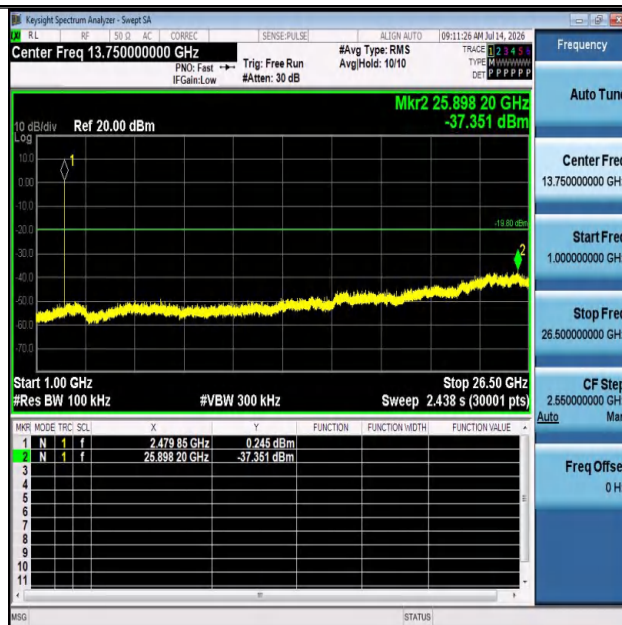
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DH5-Ant1-2480-1000~26500-PASS

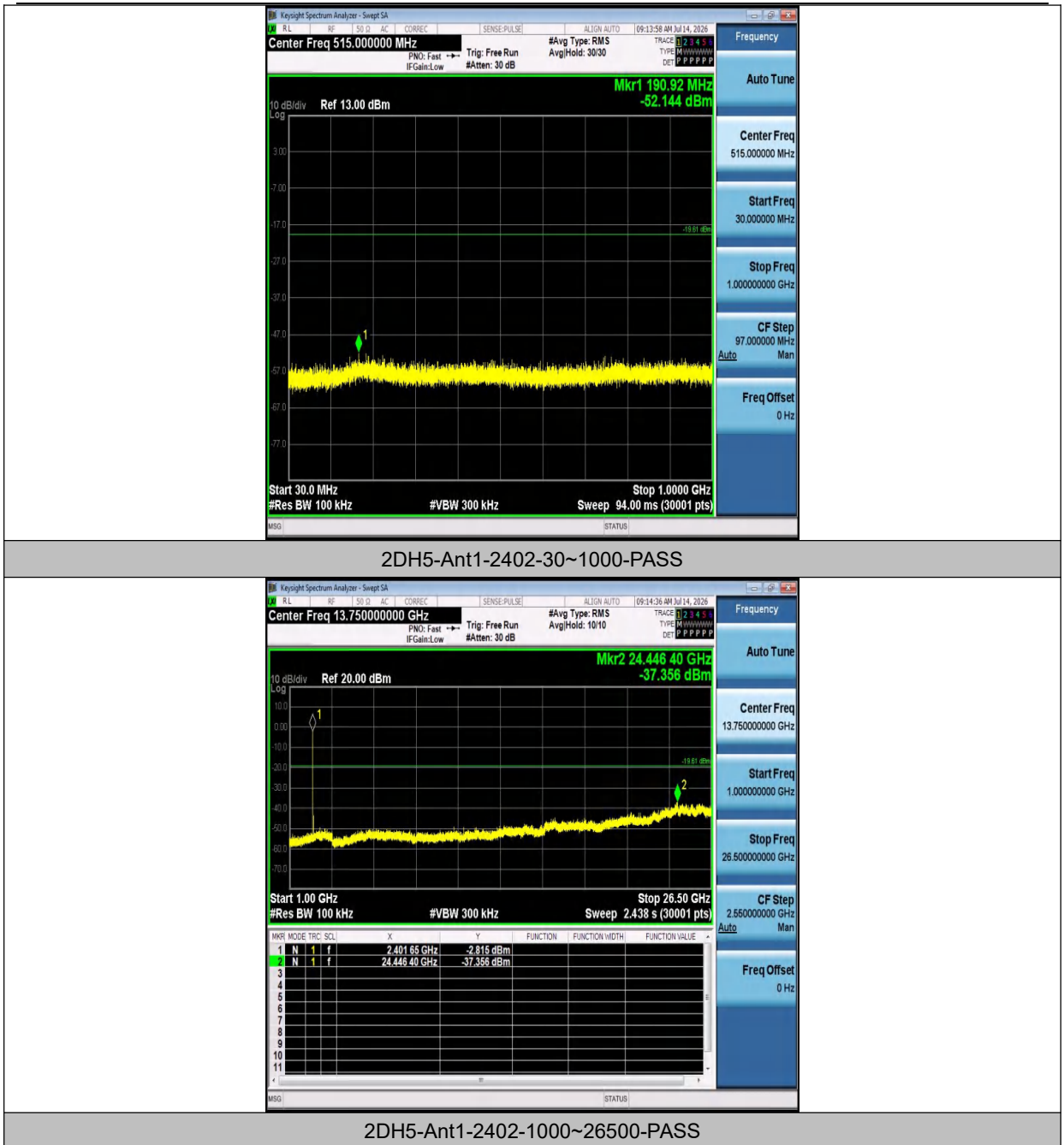


2DH5-Ant1-2402-0~Reference-PASS

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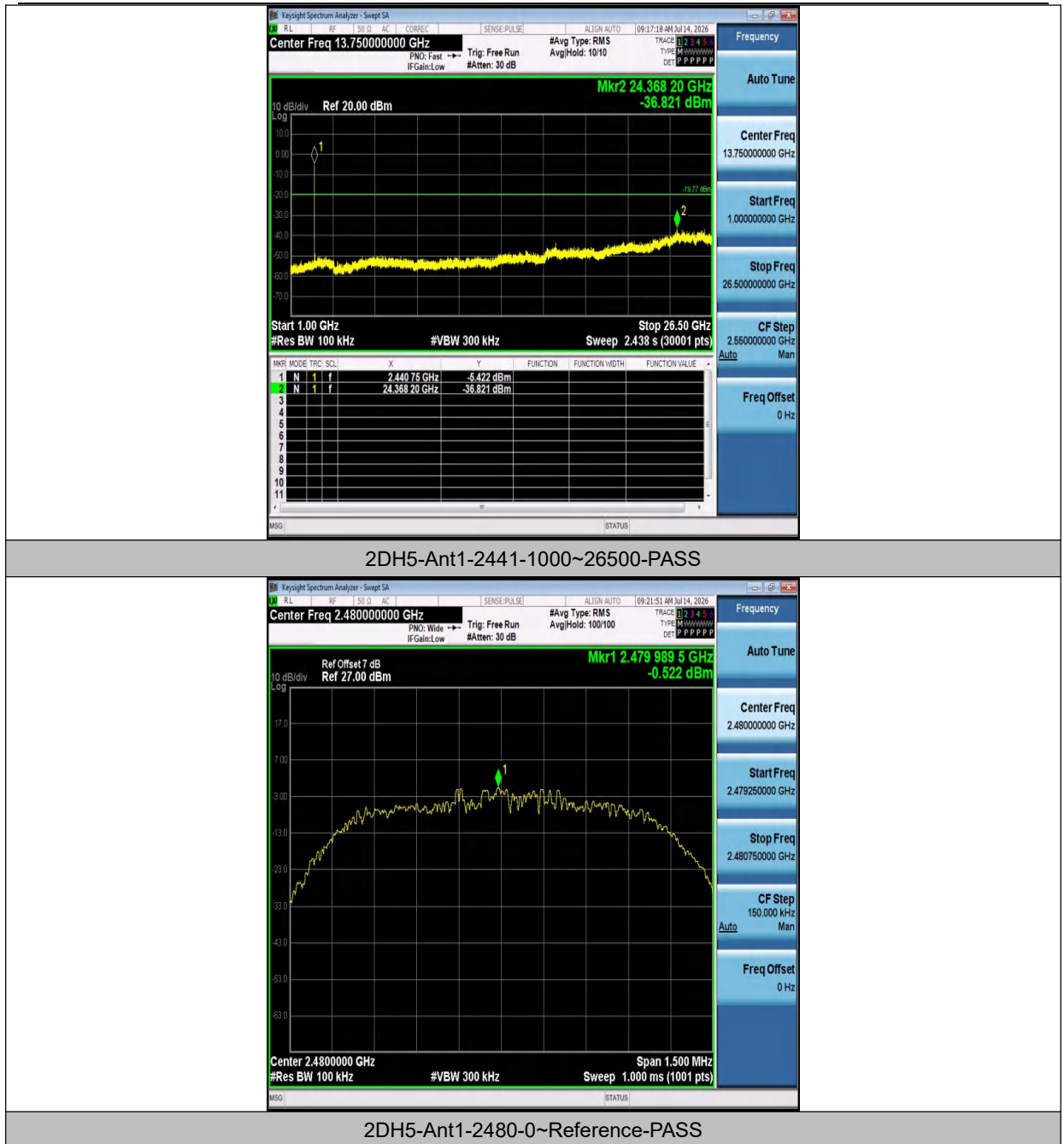
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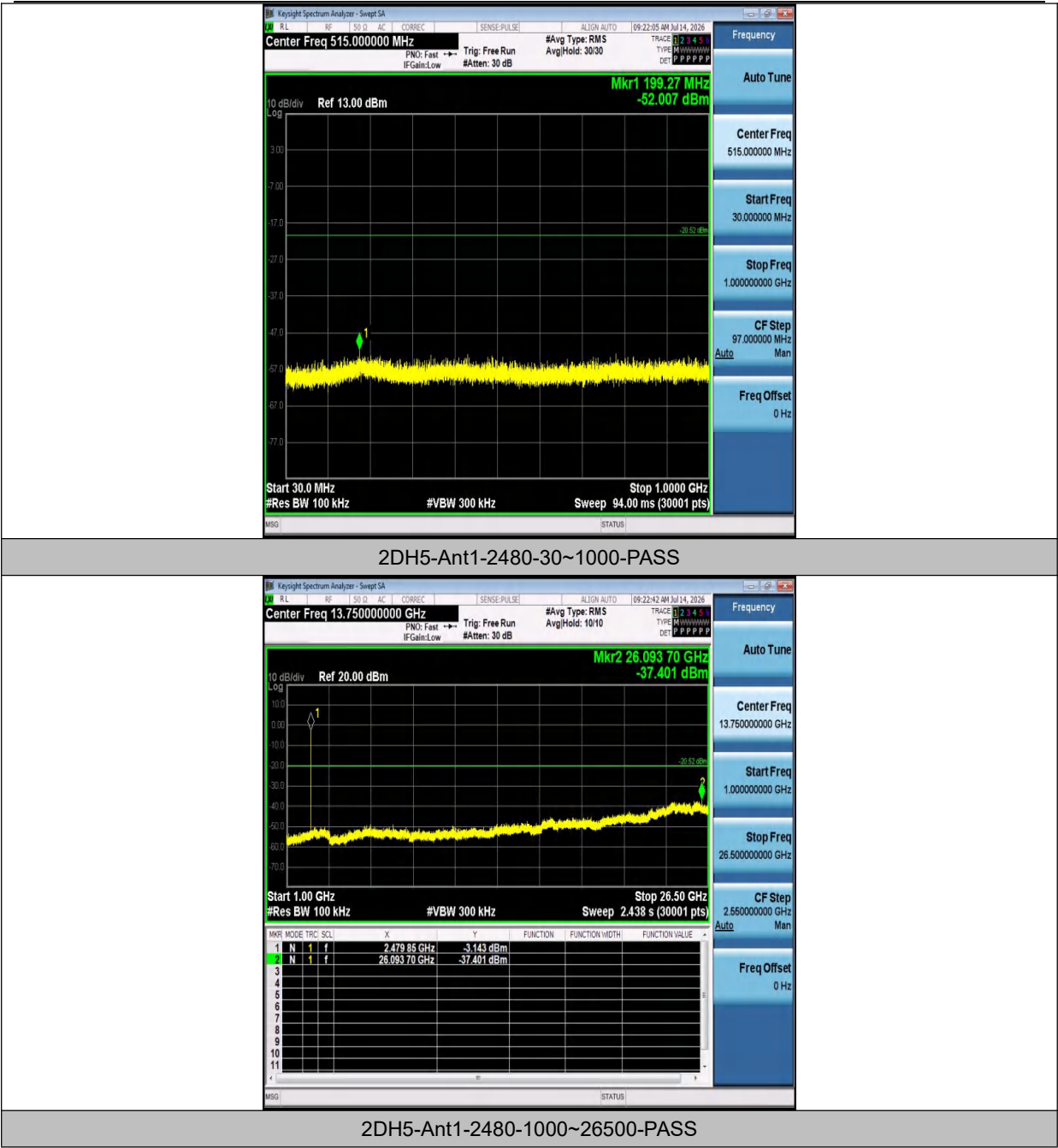
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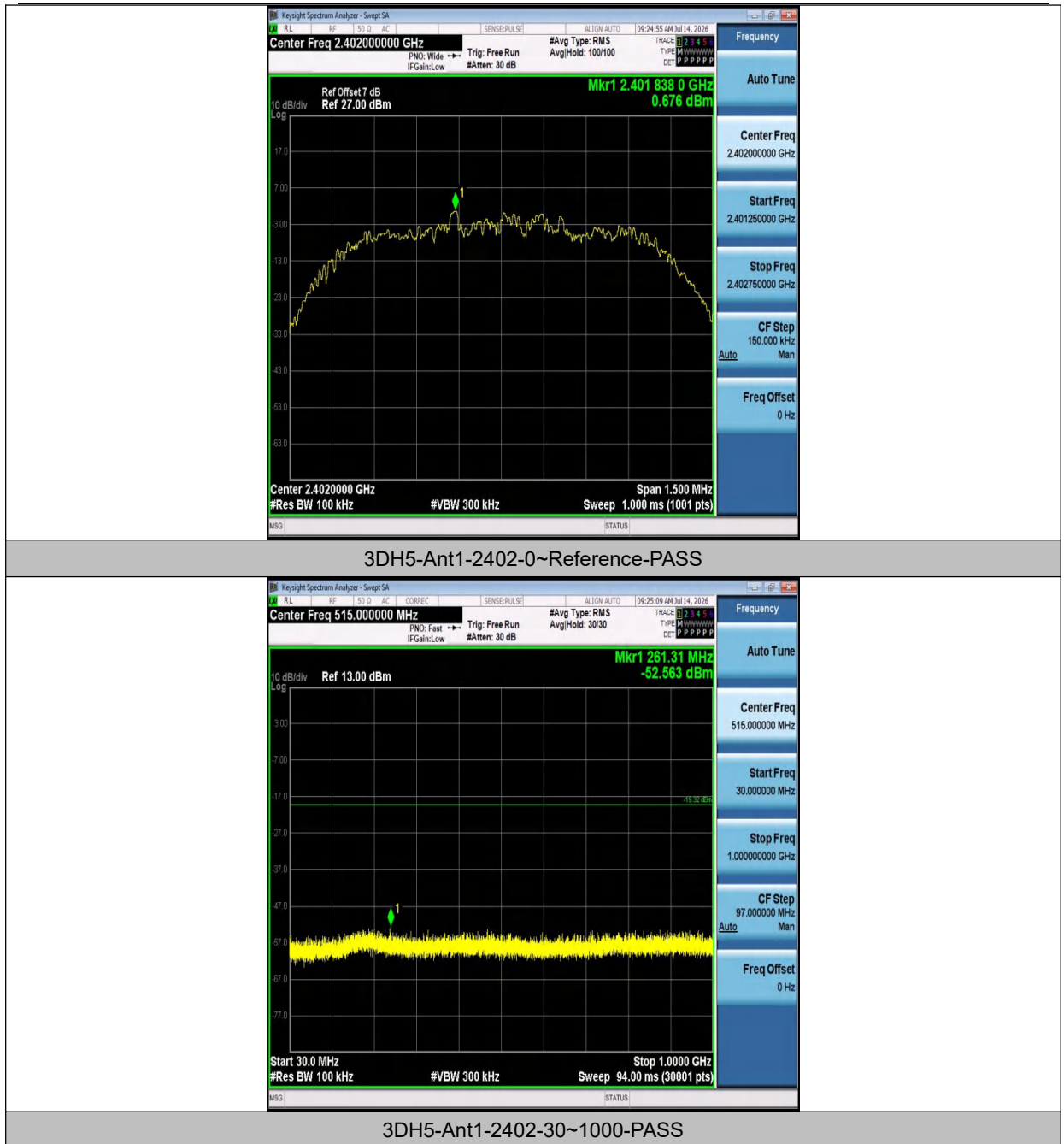
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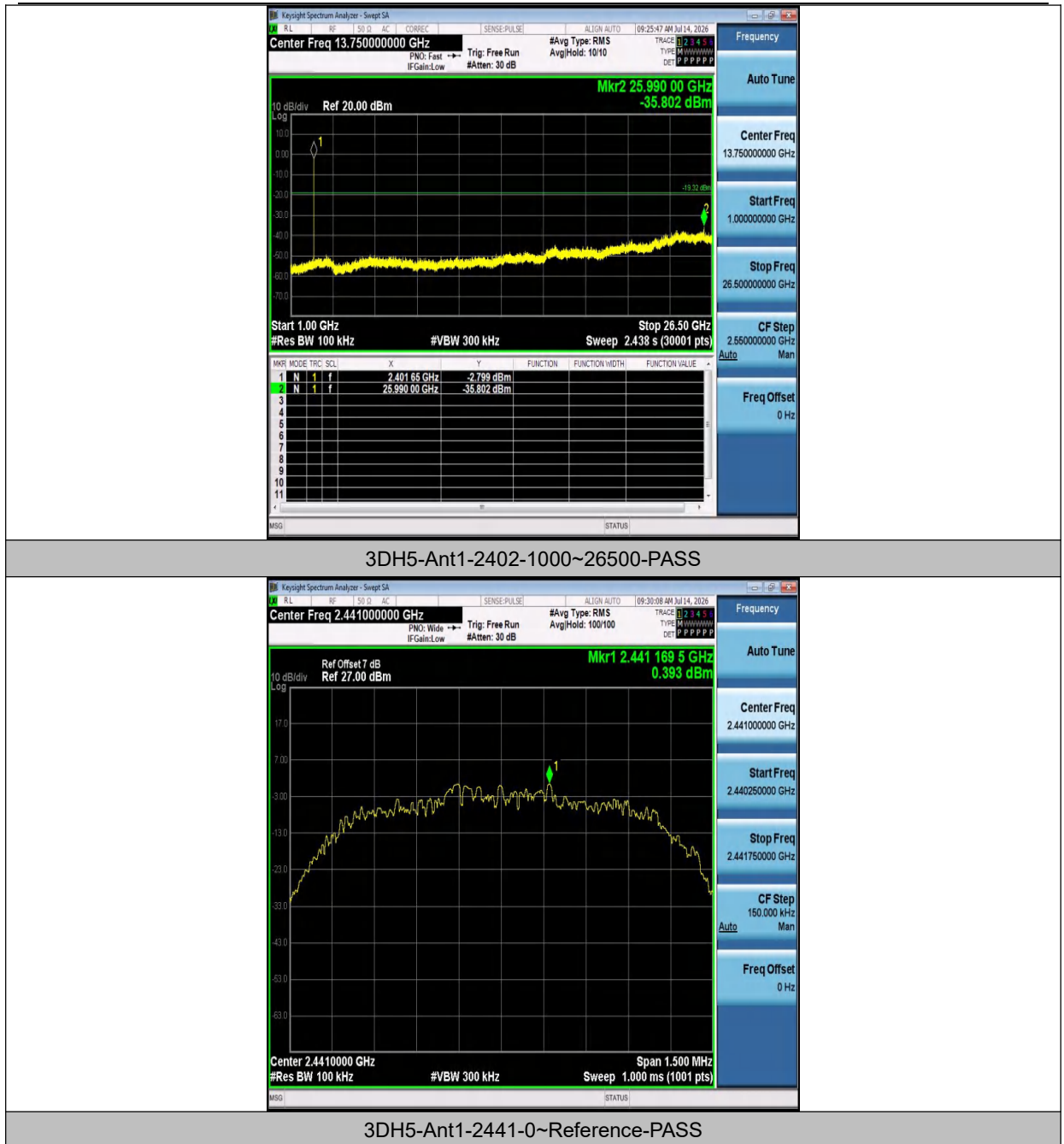
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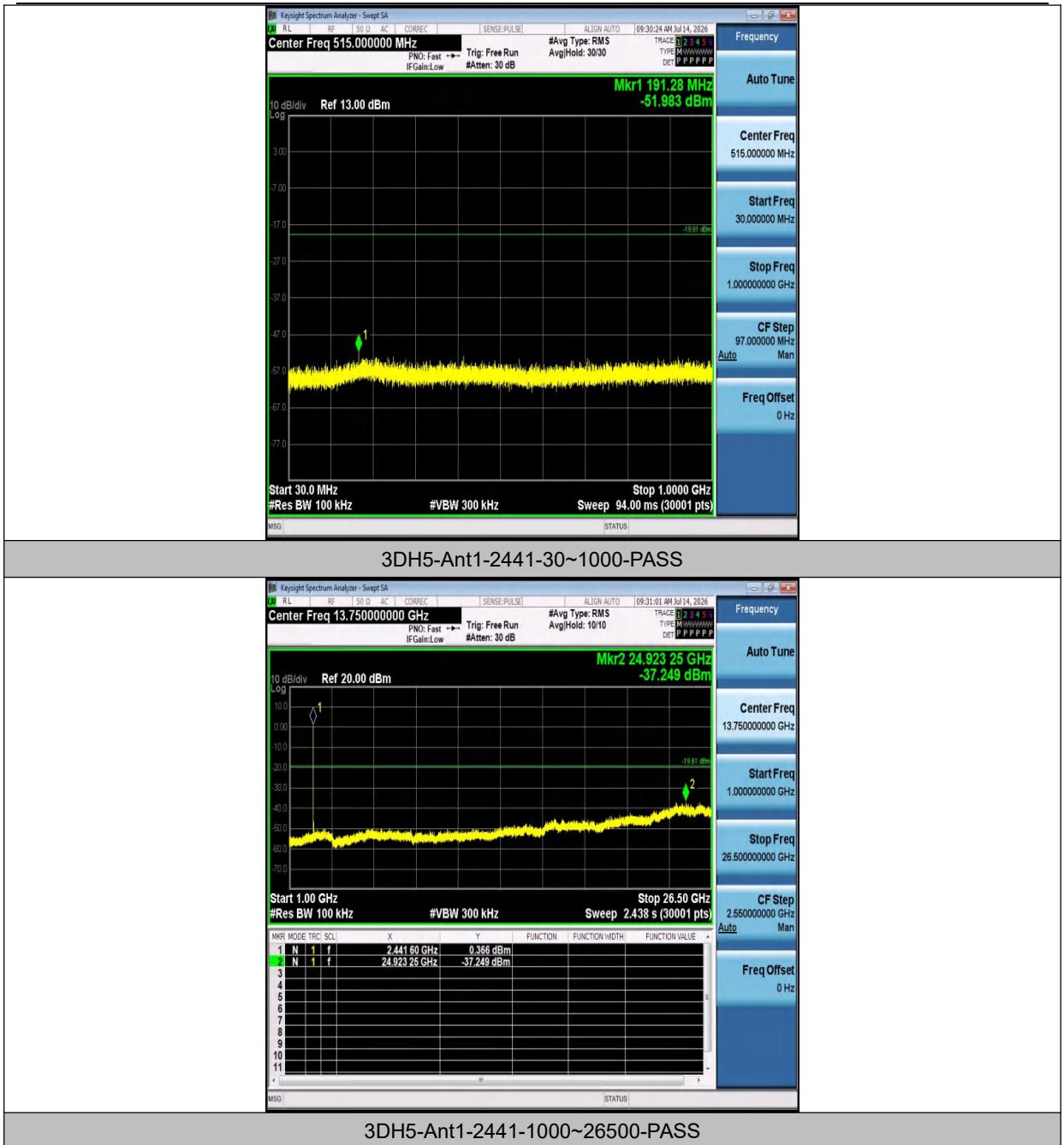
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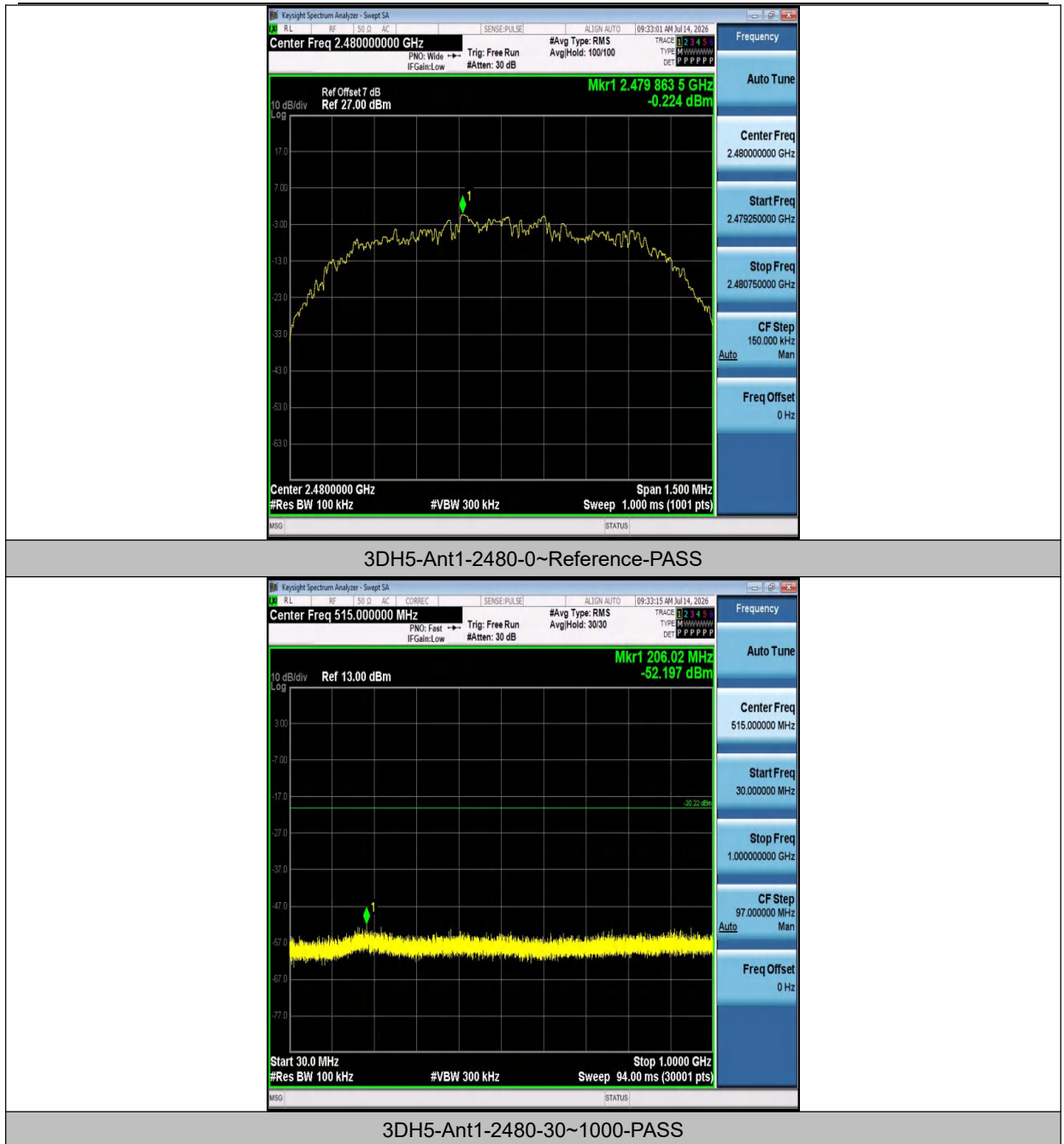


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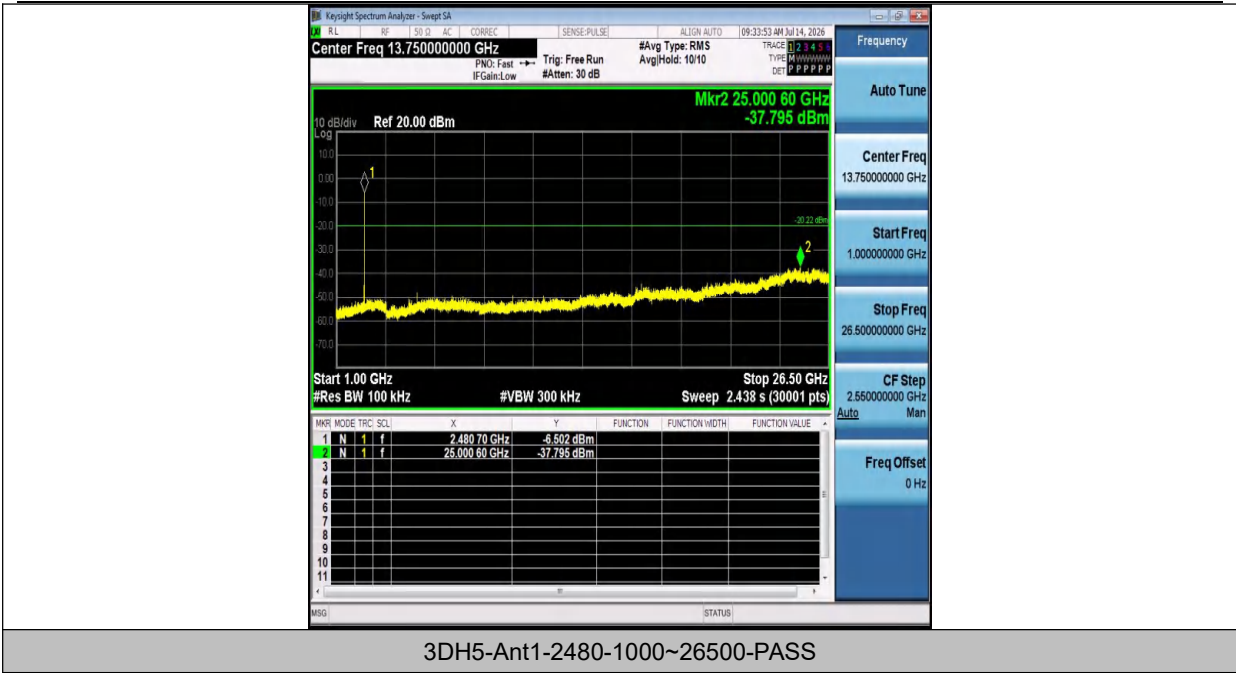




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Appendix I: Duty Cycle

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	2.90	3.75	77.33	1.12
DH5	Ant1	2480	2.88	3.75	76.80	1.15
2DH5	Ant1	2402	1.50	3.75	40.00	3.98
2DH5	Ant1	2441	1.52	3.75	40.53	3.92
2DH5	Ant1	2480	1.52	3.75	40.53	3.92
3DH5	Ant1	2402	1.05	3.75	28.00	5.53
3DH5	Ant1	2441	1.07	3.75	28.53	5.45
3DH5	Ant1	2480	1.05	3.75	28.00	5.53

Test Graphs

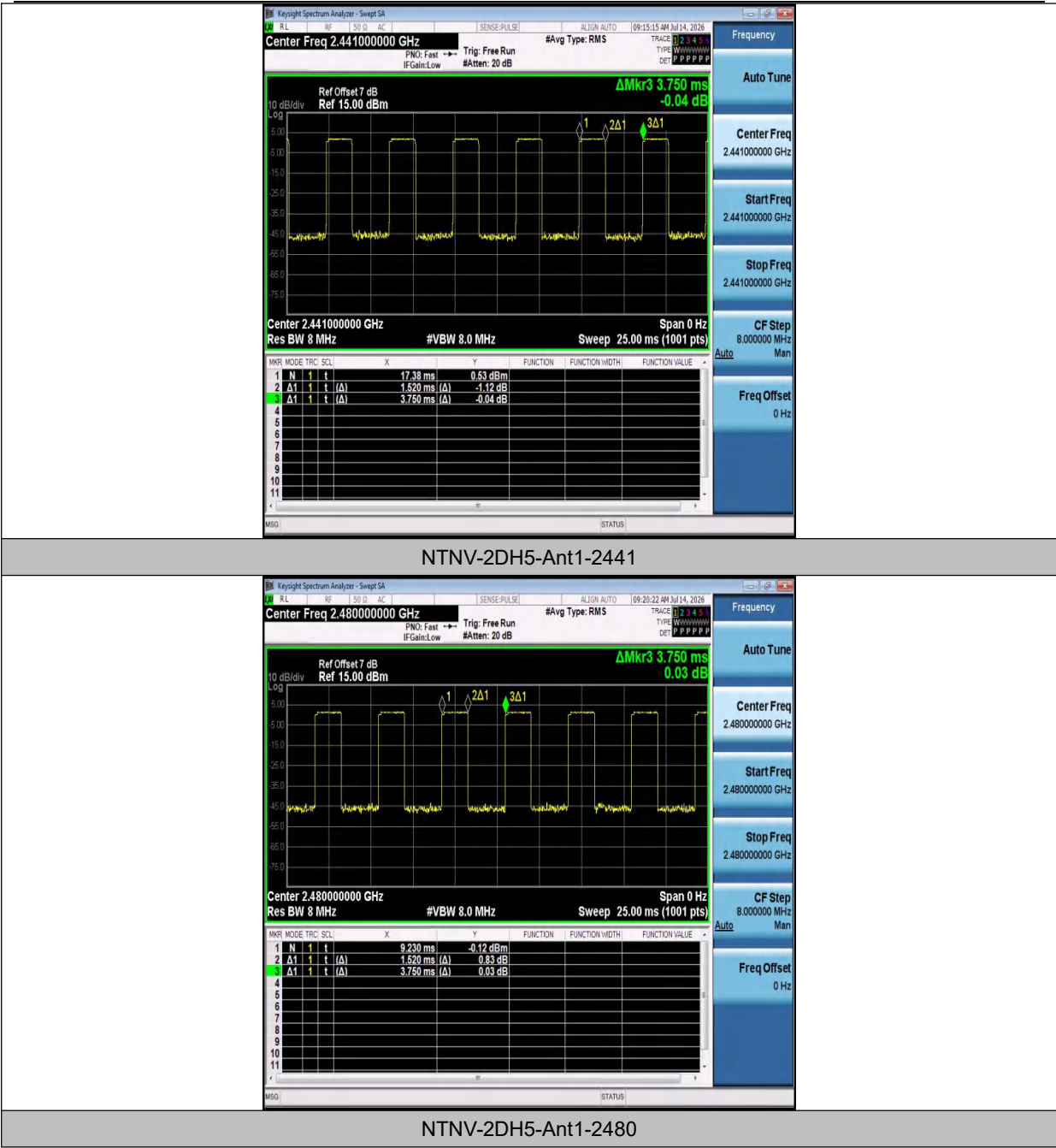


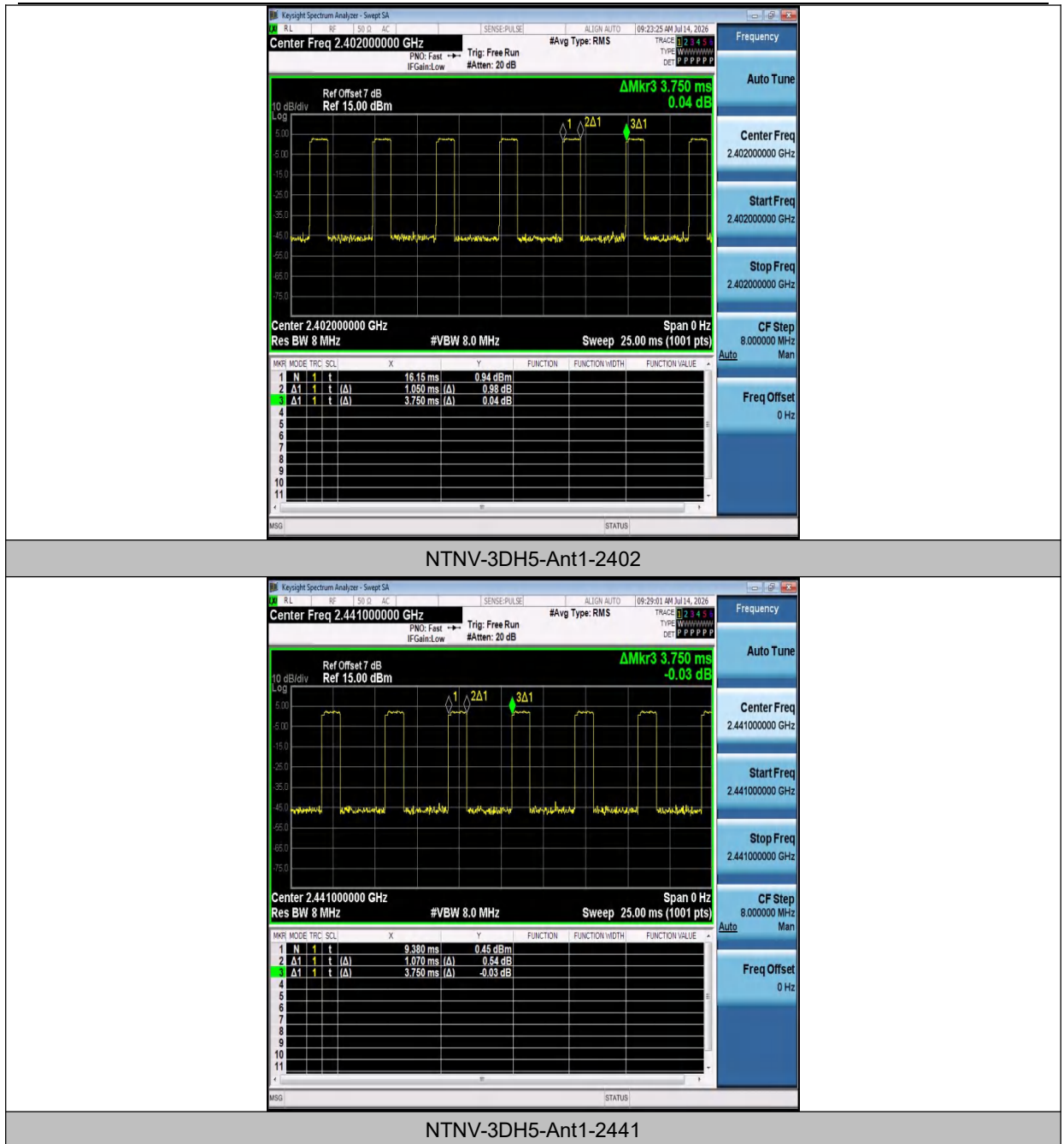
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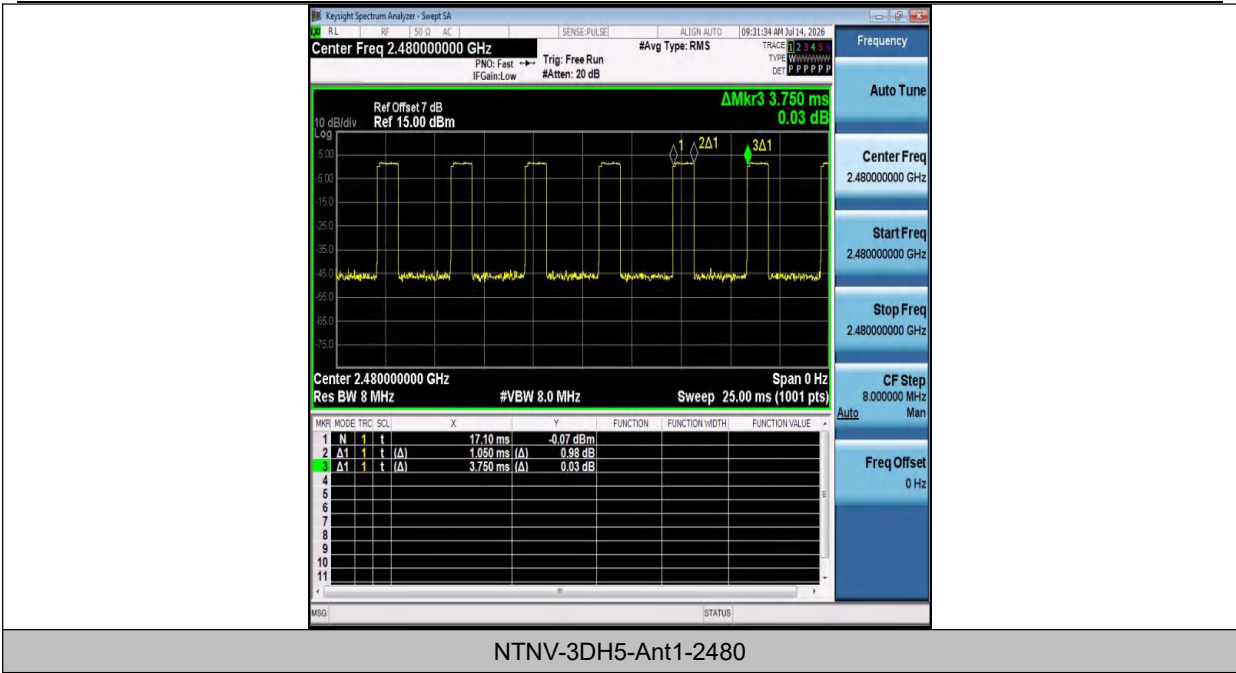
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