

Appendix Test Data

Report No.:	1812C60281412501-01	Test Sample No.:	1-2-2
Start Test Date:	2026-5-21	Finish Test Date:	2026-6-15
Test Engineer:	Huixen Guan	Auditor:	Justin Feng
Temperature:	23.5°C	Relative Humidity:	61%
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	2401.559	2402.507	---	---
DH5	Ant1	2441	0.942	2440.553	2441.495	---	---
DH5	Ant1	2480	1.023	2479.502	2480.525	---	---
2DH5	Ant1	2402	1.356	2401.346	2402.702	---	---
2DH5	Ant1	2441	1.368	2440.334	2441.702	---	---
2DH5	Ant1	2480	1.362	2479.331	2480.693	---	---
3DH5	Ant1	2402	1.317	2401.358	2402.675	---	---
3DH5	Ant1	2441	1.344	2440.343	2441.687	---	---
3DH5	Ant1	2480	1.338	2479.337	2480.675	---	---

Test Graphs

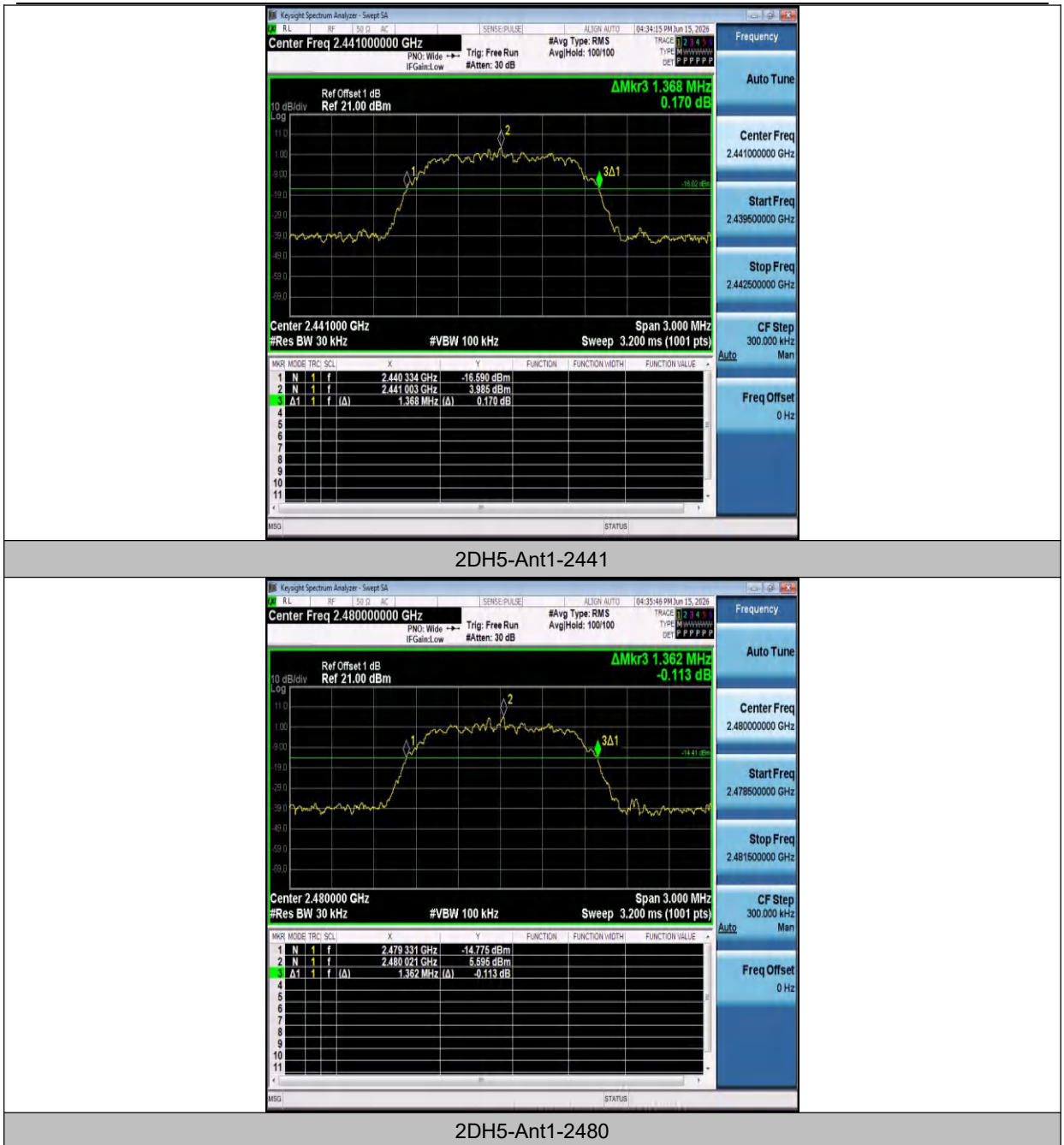


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Appendix B: 99% Occupied Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.87278	2401.5880	2402.4608	---	---
DH5	Ant1	2441	0.86335	2440.5802	2441.4435	---	---
DH5	Ant1	2480	0.87262	2479.5725	2480.4451	---	---
2DH5	Ant1	2402	1.2033	2401.4224	2402.6257	---	---
2DH5	Ant1	2441	1.2098	2440.4113	2441.6211	---	---
2DH5	Ant1	2480	1.2008	2479.4128	2480.6136	---	---
3DH5	Ant1	2402	1.2182	2401.4070	2402.6252	---	---
3DH5	Ant1	2441	1.2052	2440.4087	2441.6139	---	---
3DH5	Ant1	2480	1.2049	2479.4056	2480.6105	---	---

Test Graphs



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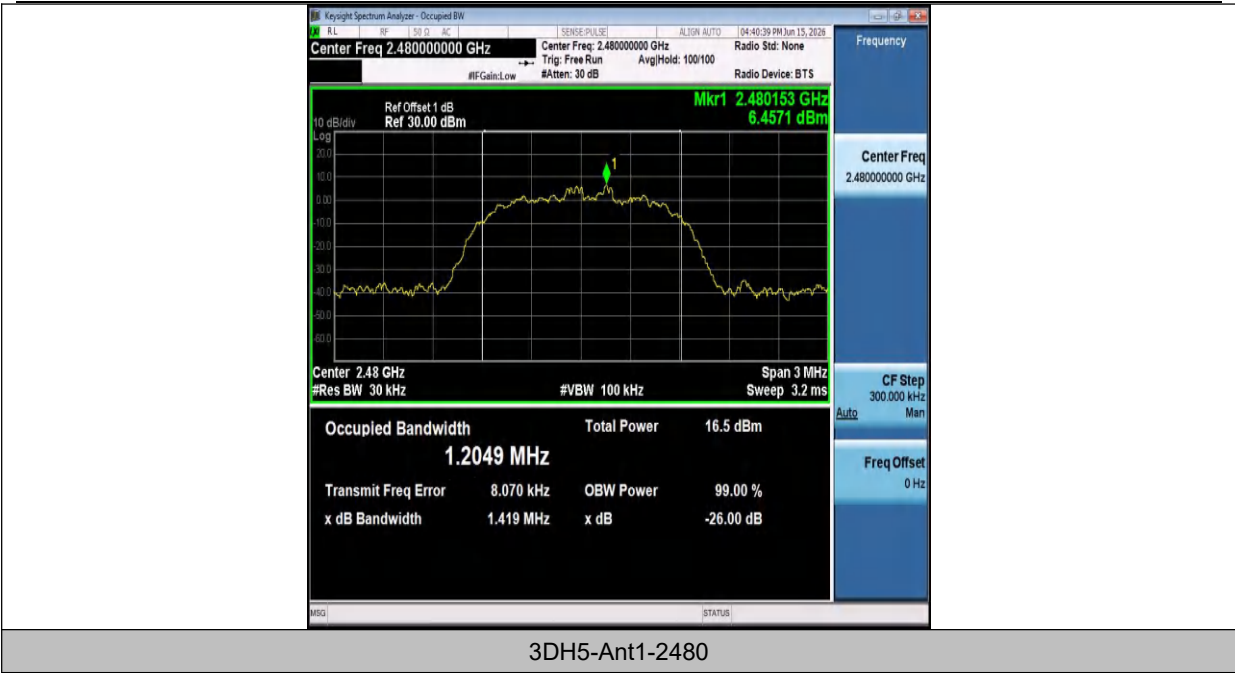
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Appendix C: Maximum Conducted Output Power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	11.52	≤20.97	PASS
DH5	Ant1	2441	11.94	≤20.97	PASS
DH5	Ant1	2480	12.92	≤20.97	PASS
2DH5	Ant1	2402	10.31	≤20.97	PASS
2DH5	Ant1	2441	10.51	≤20.97	PASS
2DH5	Ant1	2480	11.22	≤20.97	PASS
3DH5	Ant1	2402	10.64	≤20.97	PASS
3DH5	Ant1	2441	10.92	≤20.97	PASS
3DH5	Ant1	2480	11.61	≤20.97	PASS

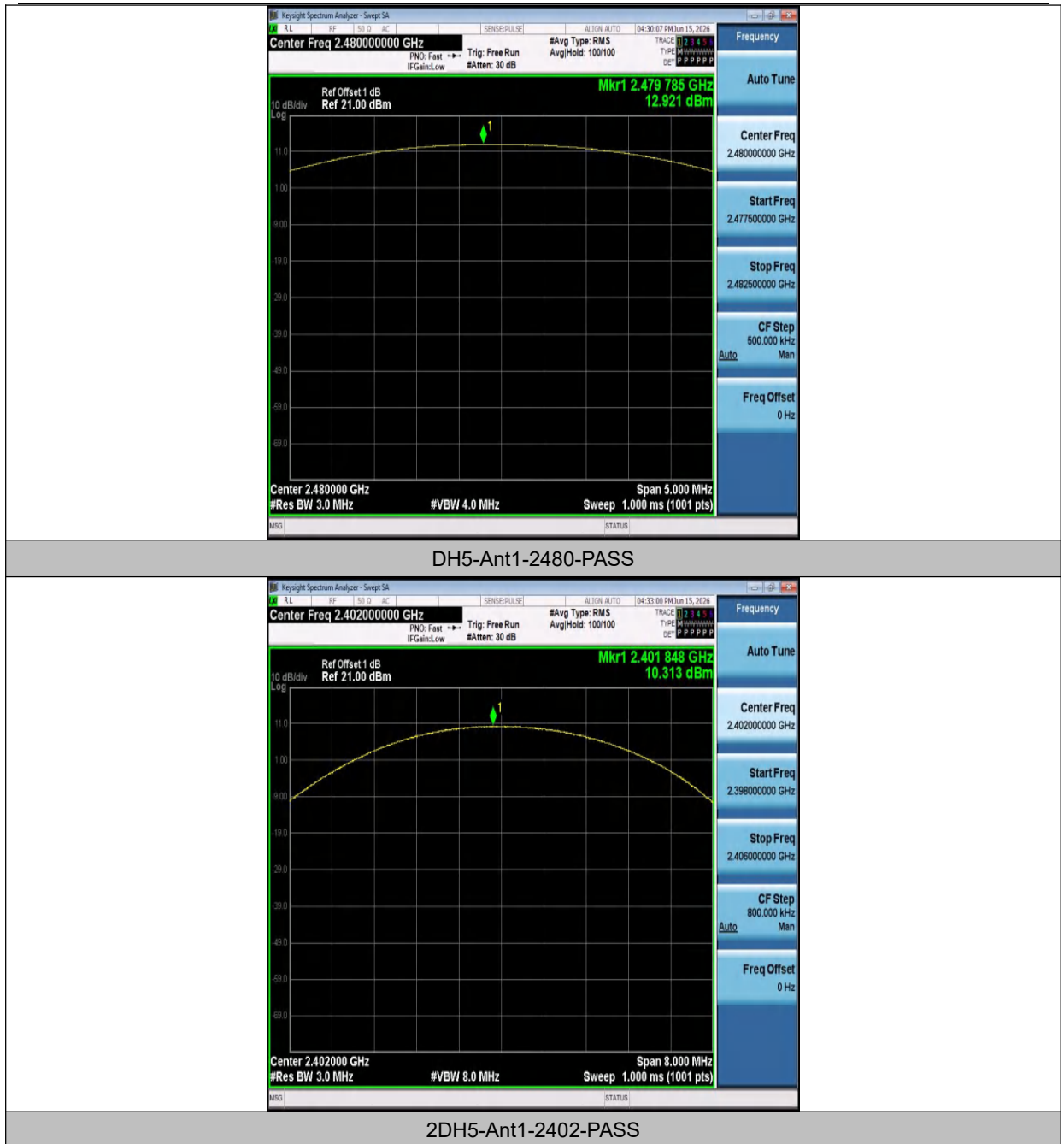
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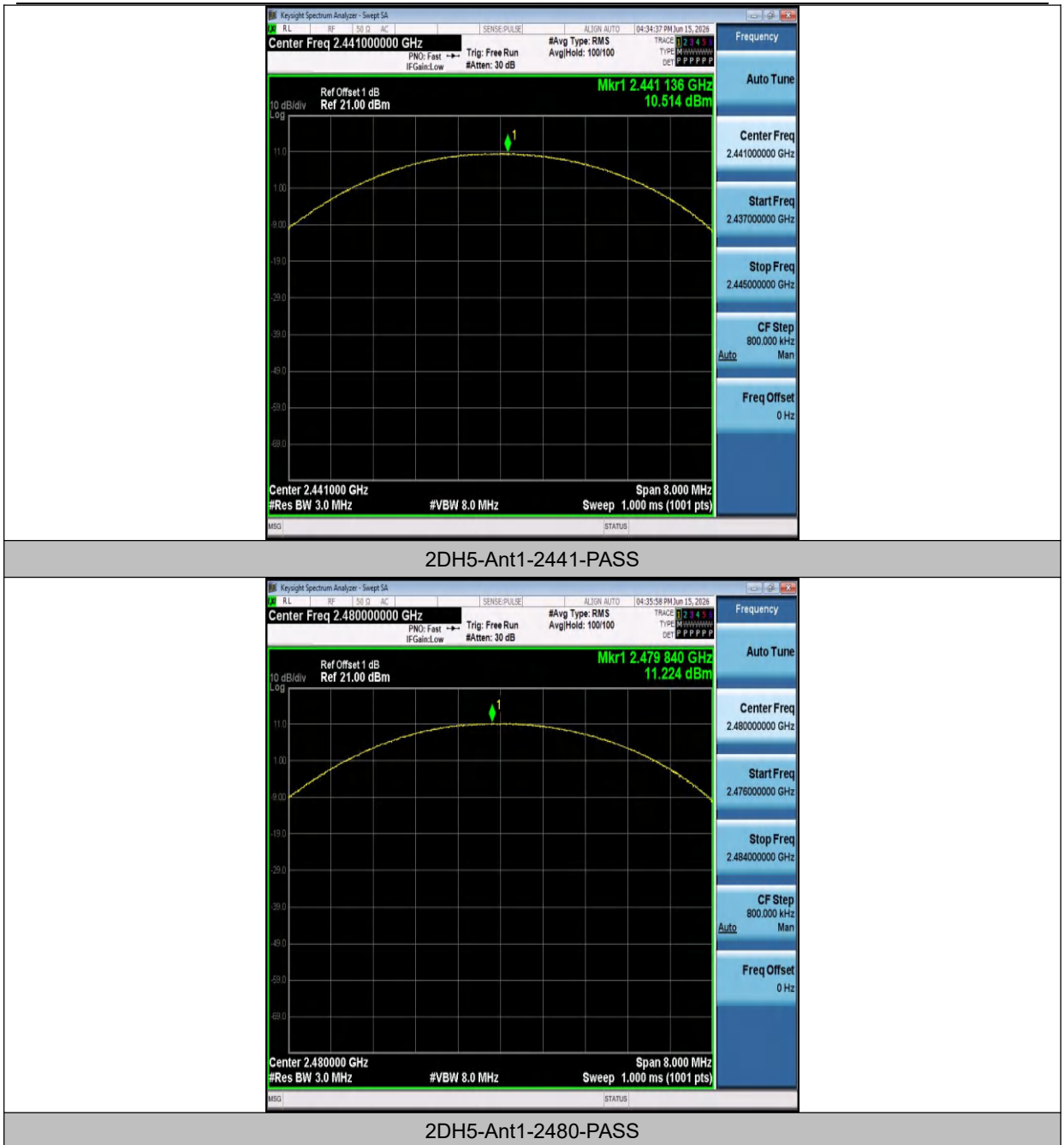
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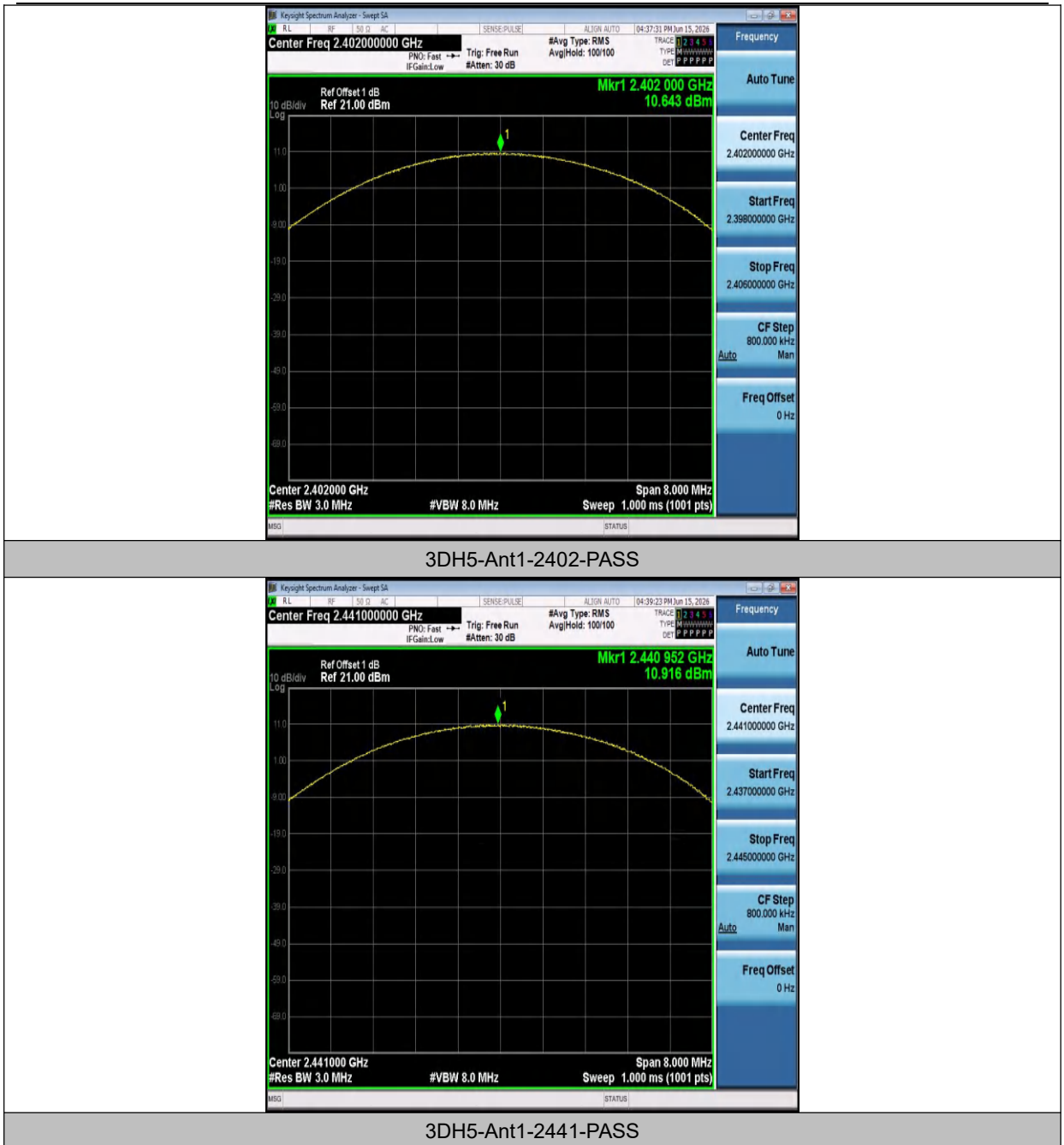
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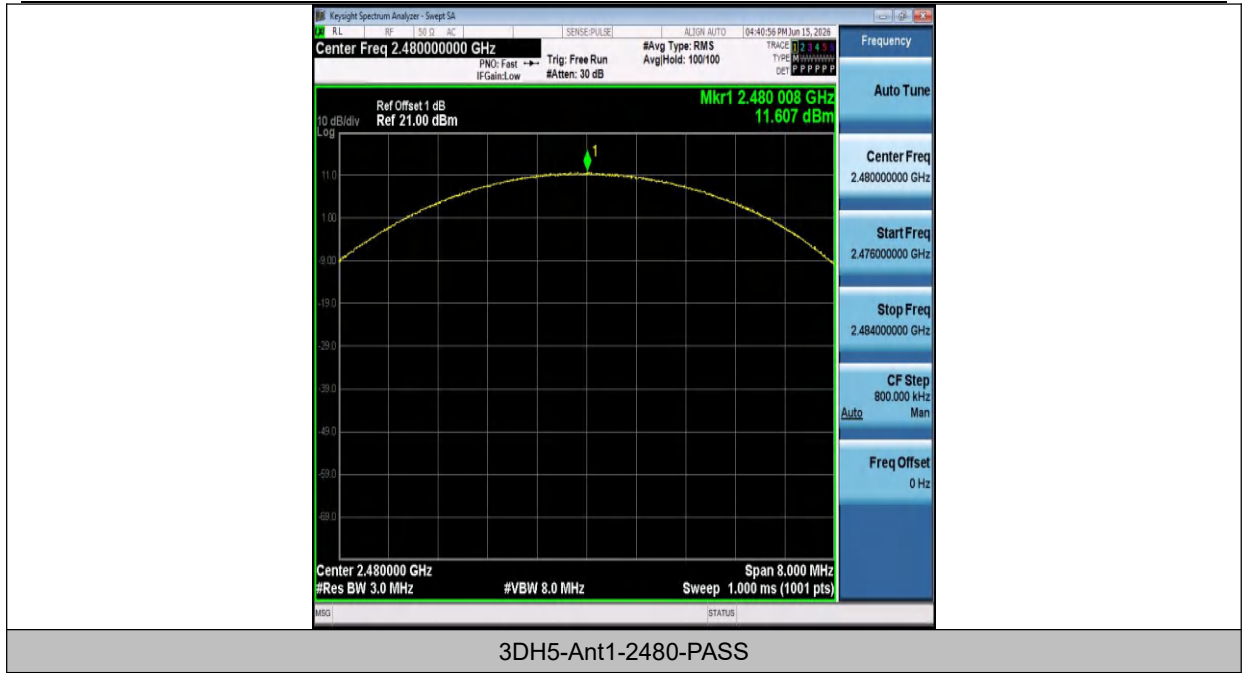
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Appendix D: Carrier frequency separation

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.008	≥ 0.682	PASS
2DH5	Ant1	Hop	0.97	≥ 0.912	PASS
3DH5	Ant1	Hop	0.99	≥ 0.896	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.

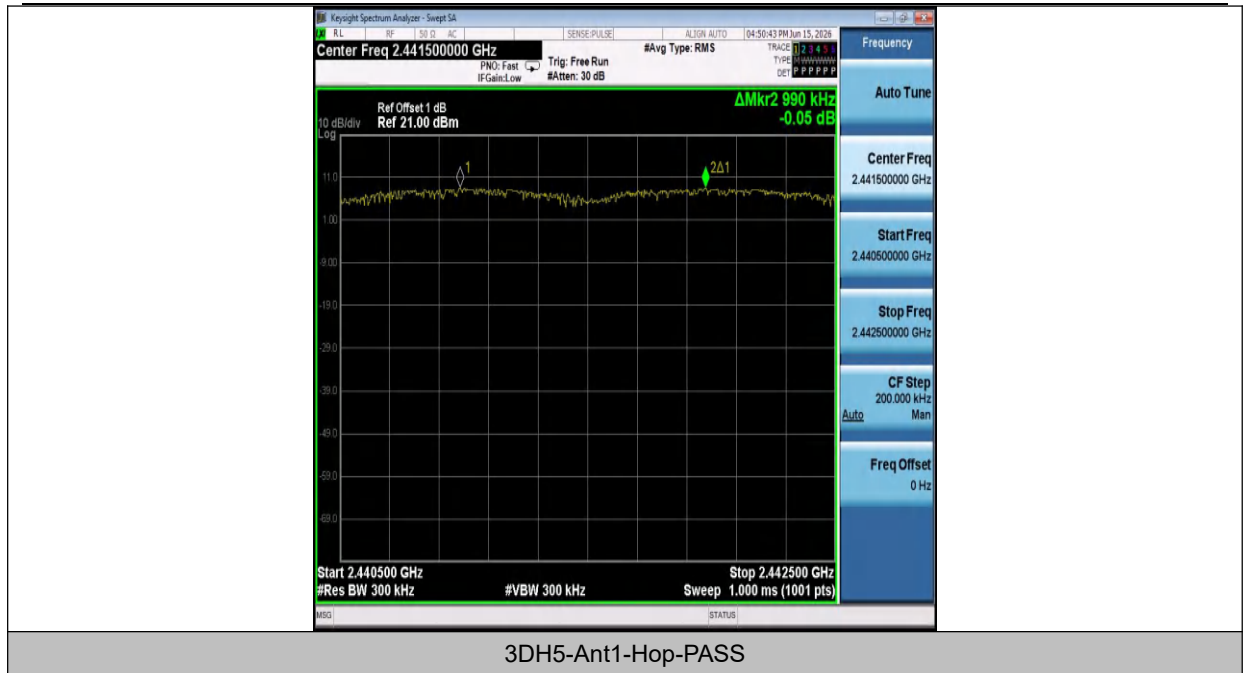
Test Graphs



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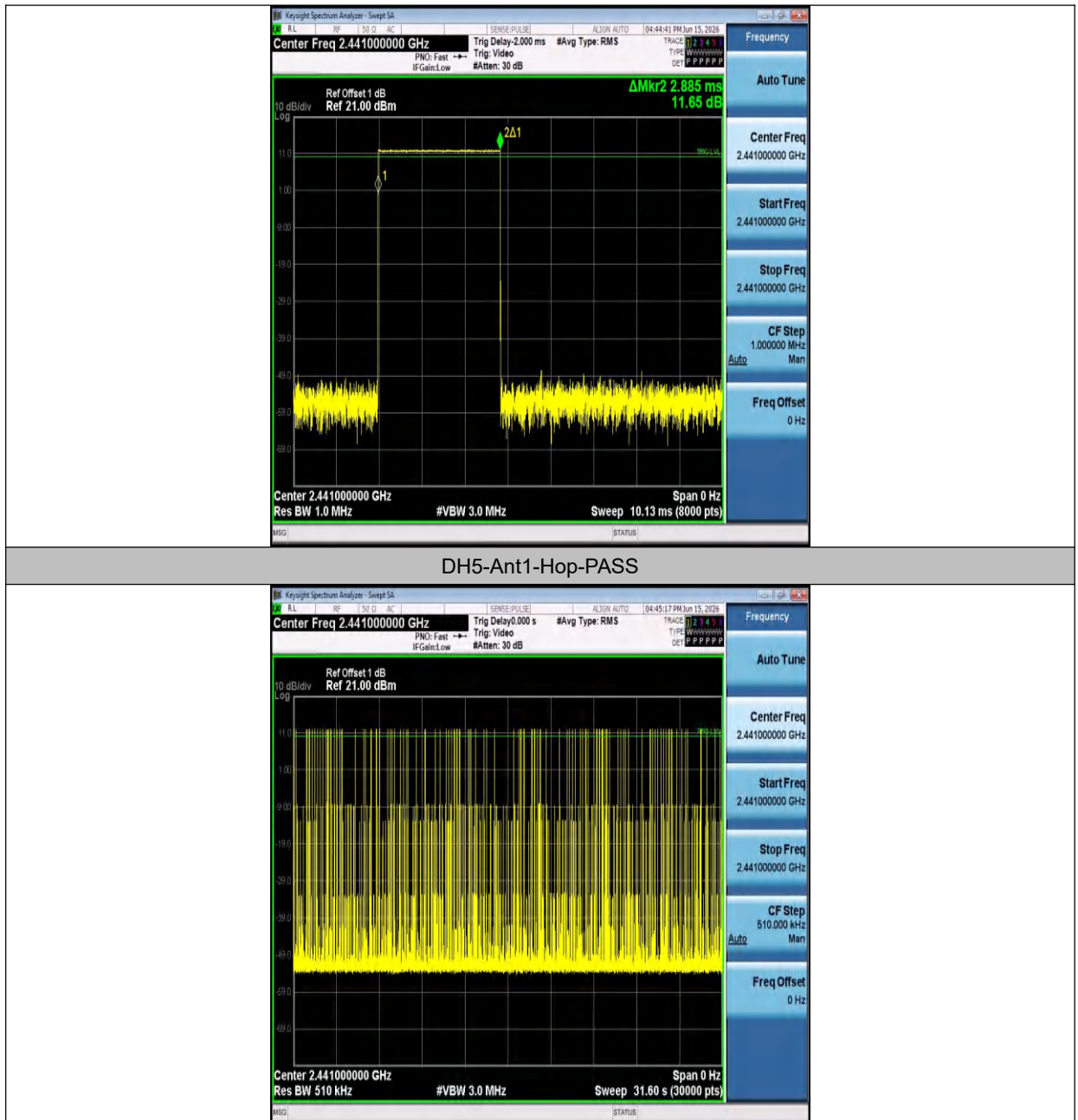
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Appendix E: Dwell Time

Test Result

Test Mode	Antenna	Frequency [MHz]	Burst Width [ms]	Total Hops [Num]	Result [s]	Limit [s]	Verdict
DH5	Ant1	Hop	2.885	114	0.329	≤0.4	PASS
2DH5	Ant1	Hop	2.888	94	0.271	≤0.4	PASS
3DH5	Ant1	Hop	2.889	123	0.355	≤0.4	PASS

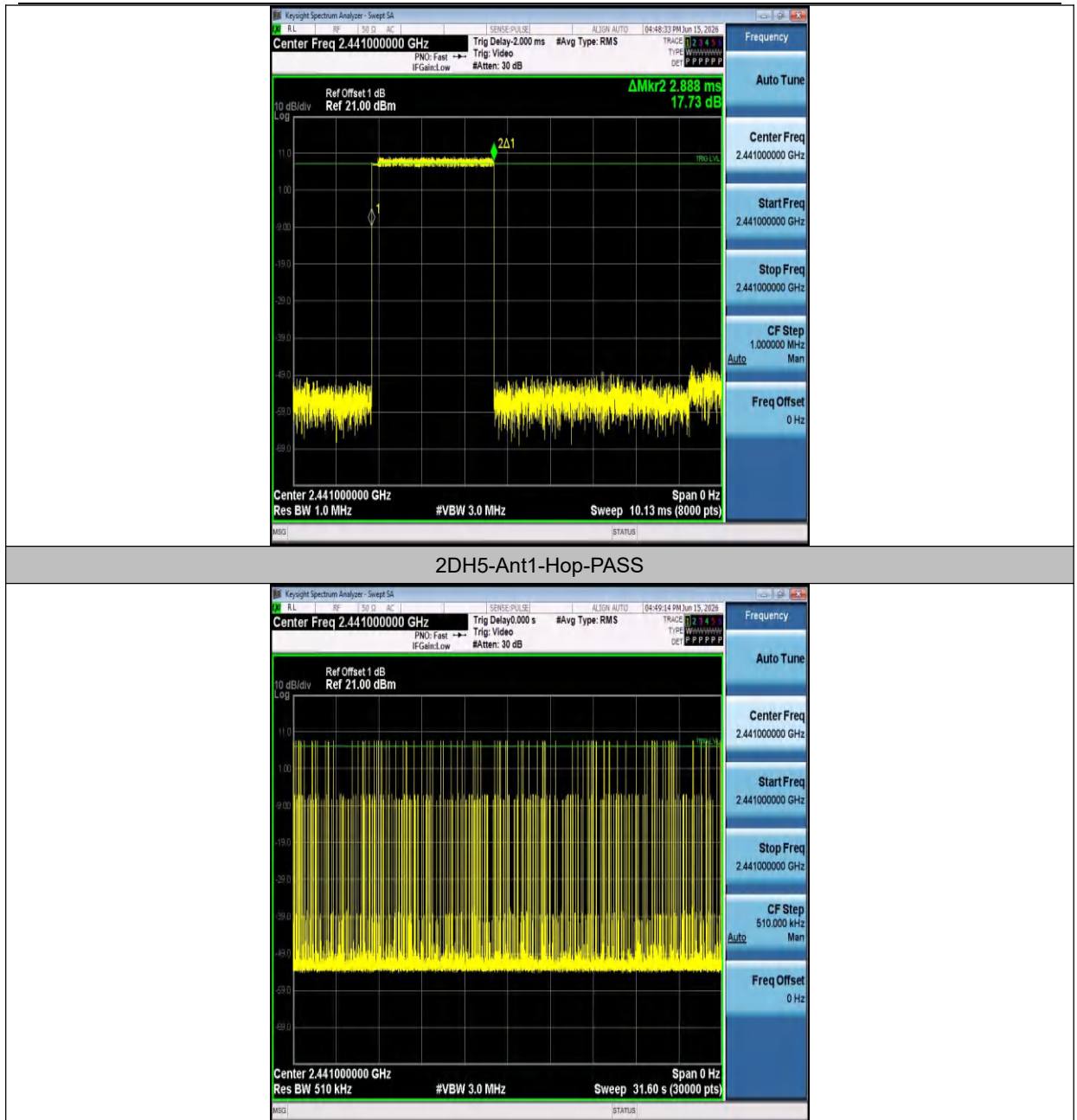
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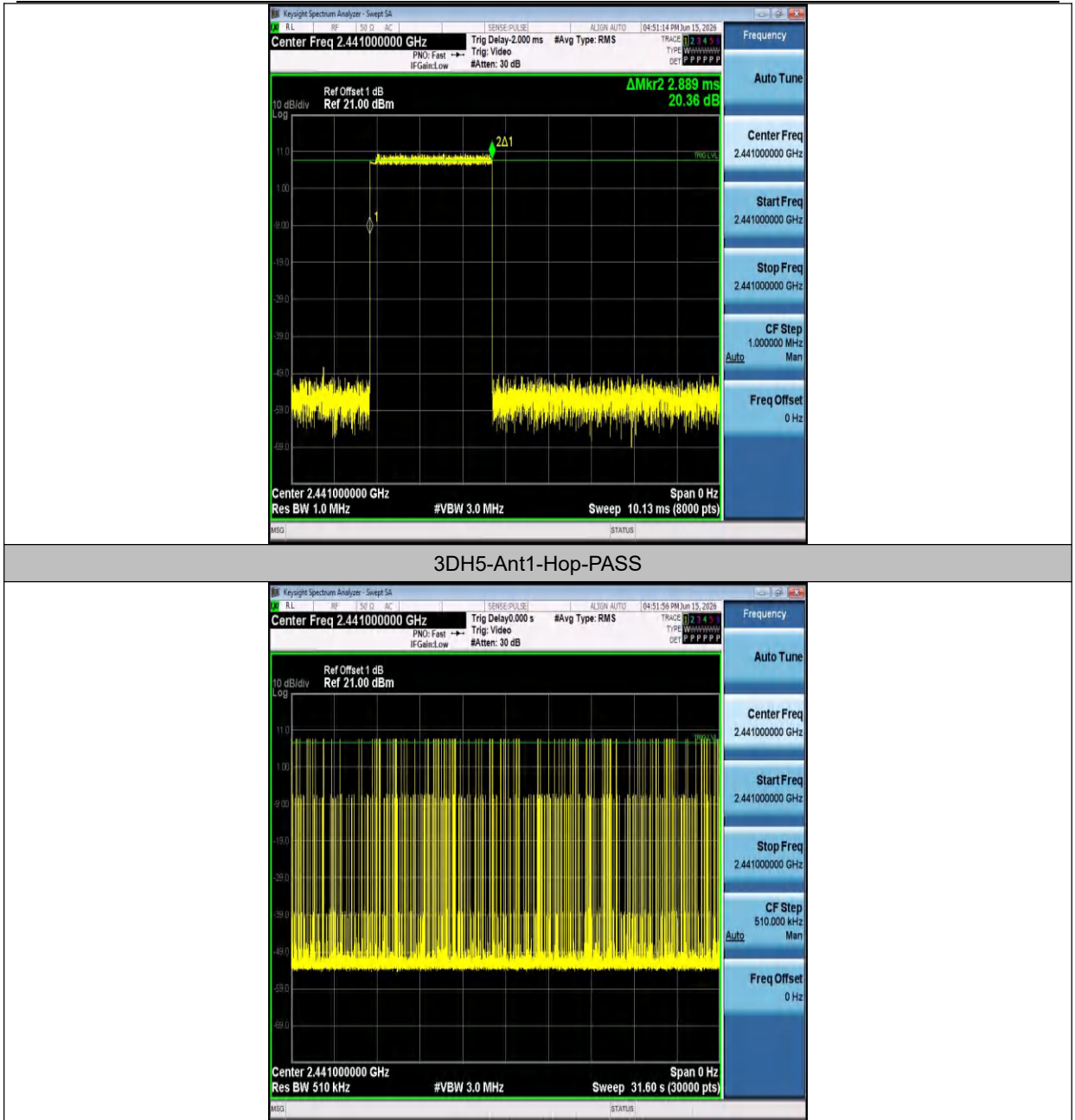
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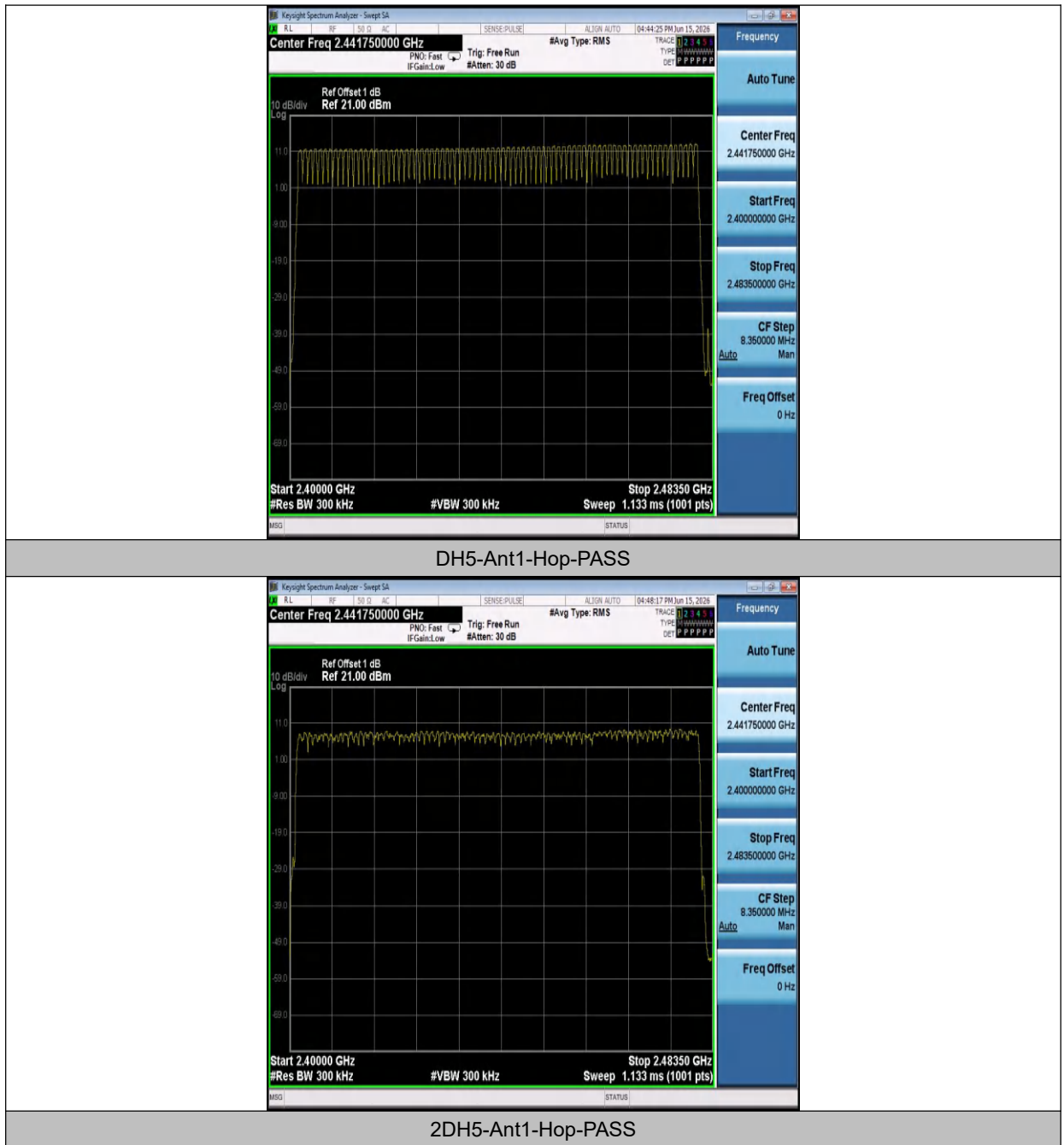
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Appendix F: Number of Hopping Channel

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

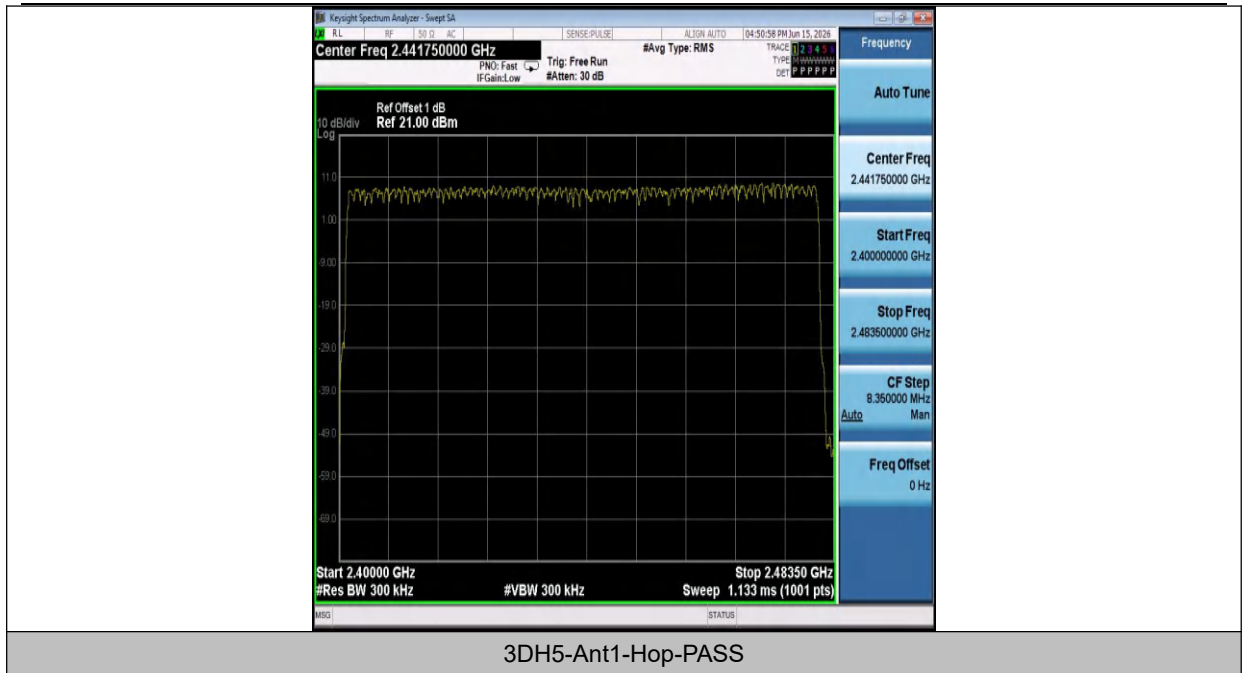
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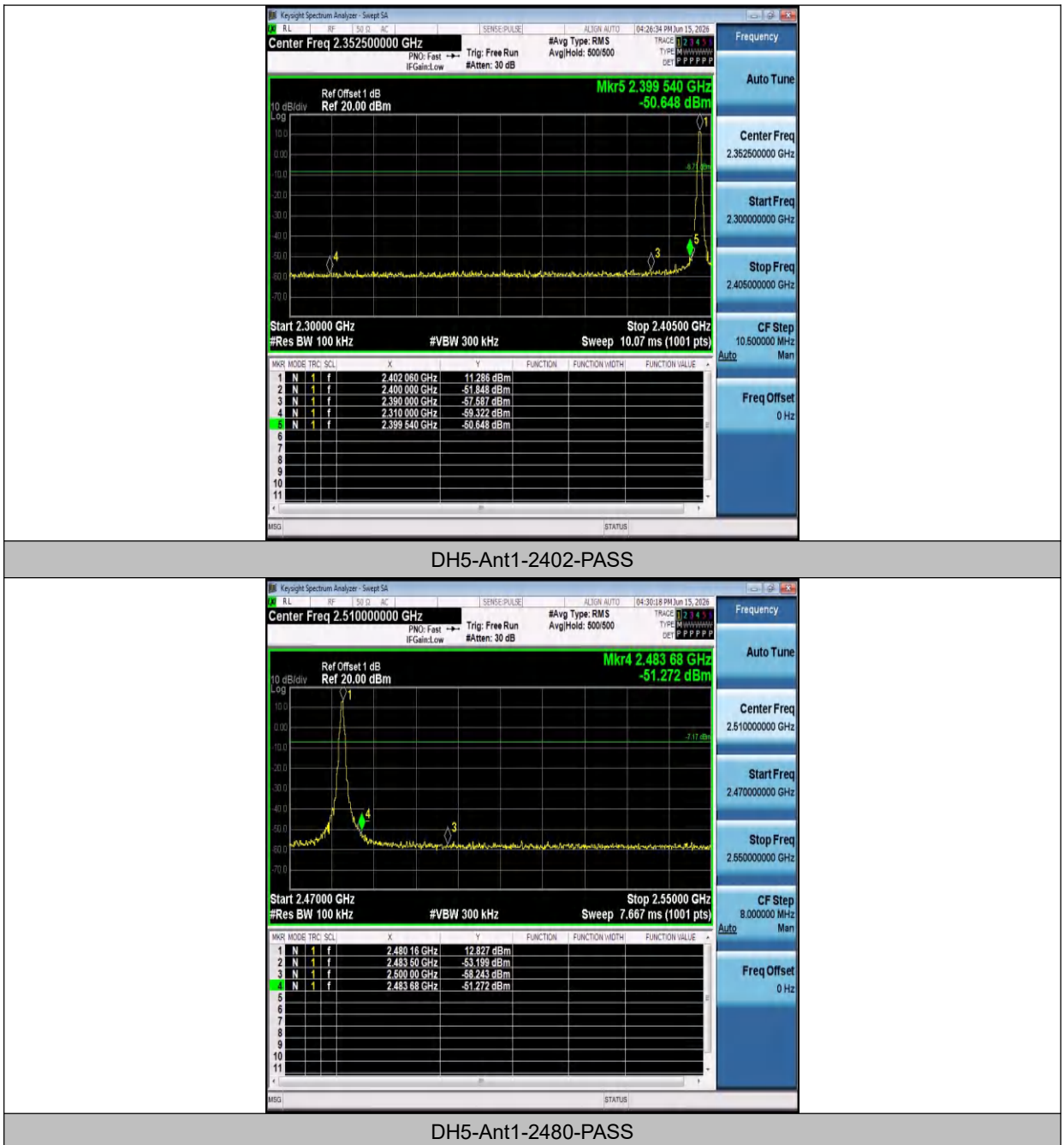
Appendix G: Conducted Band edge

Test Result

Test Mode	Antenna	Ch. Name	Frequency [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	11.29	-50.65	≤ -8.71	PASS
DH5	Ant1	High	2480	12.83	-51.27	≤ -7.17	PASS
DH5	Ant1	Low	Hop_2402	10.99	-54.84	≤ -9.01	PASS
DH5	Ant1	High	Hop_2480	12.68	-54.53	≤ -7.32	PASS
2DH5	Ant1	Low	2402	7.87	-54.16	≤ -12.14	PASS
2DH5	Ant1	High	2480	8.59	-55.9	≤ -11.41	PASS
2DH5	Ant1	Low	Hop_2402	5.80	-56.28	≤ -14.2	PASS
2DH5	Ant1	High	Hop_2480	8.26	-56.08	≤ -11.74	PASS
3DH5	Ant1	Low	2402	8.08	-53.03	≤ -11.92	PASS
3DH5	Ant1	High	2480	8.83	-55.04	≤ -11.17	PASS
3DH5	Ant1	Low	Hop_2402	6.40	-56.07	≤ -13.6	PASS
3DH5	Ant1	High	Hop_2480	8.84	-56.15	≤ -11.16	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.

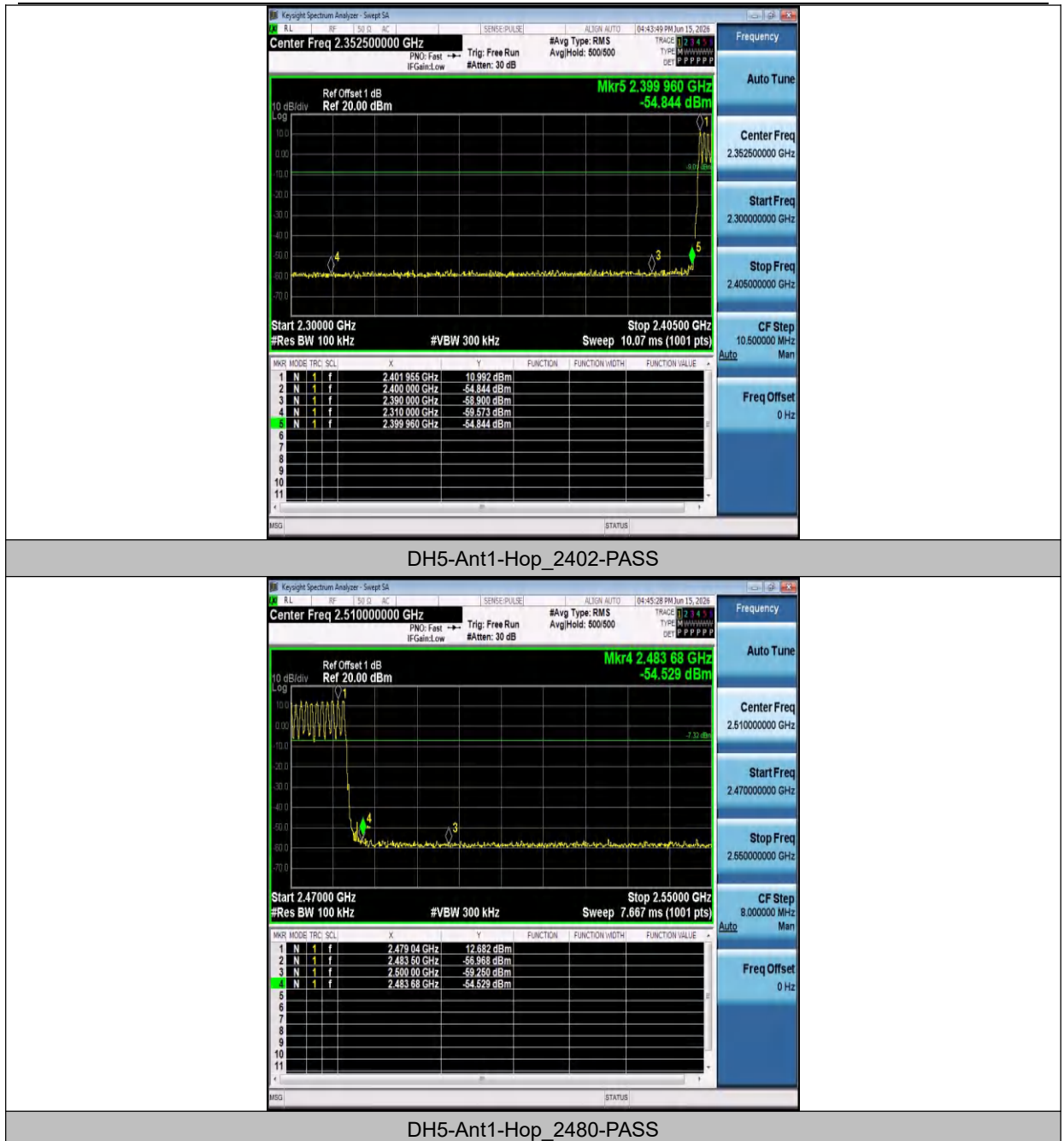
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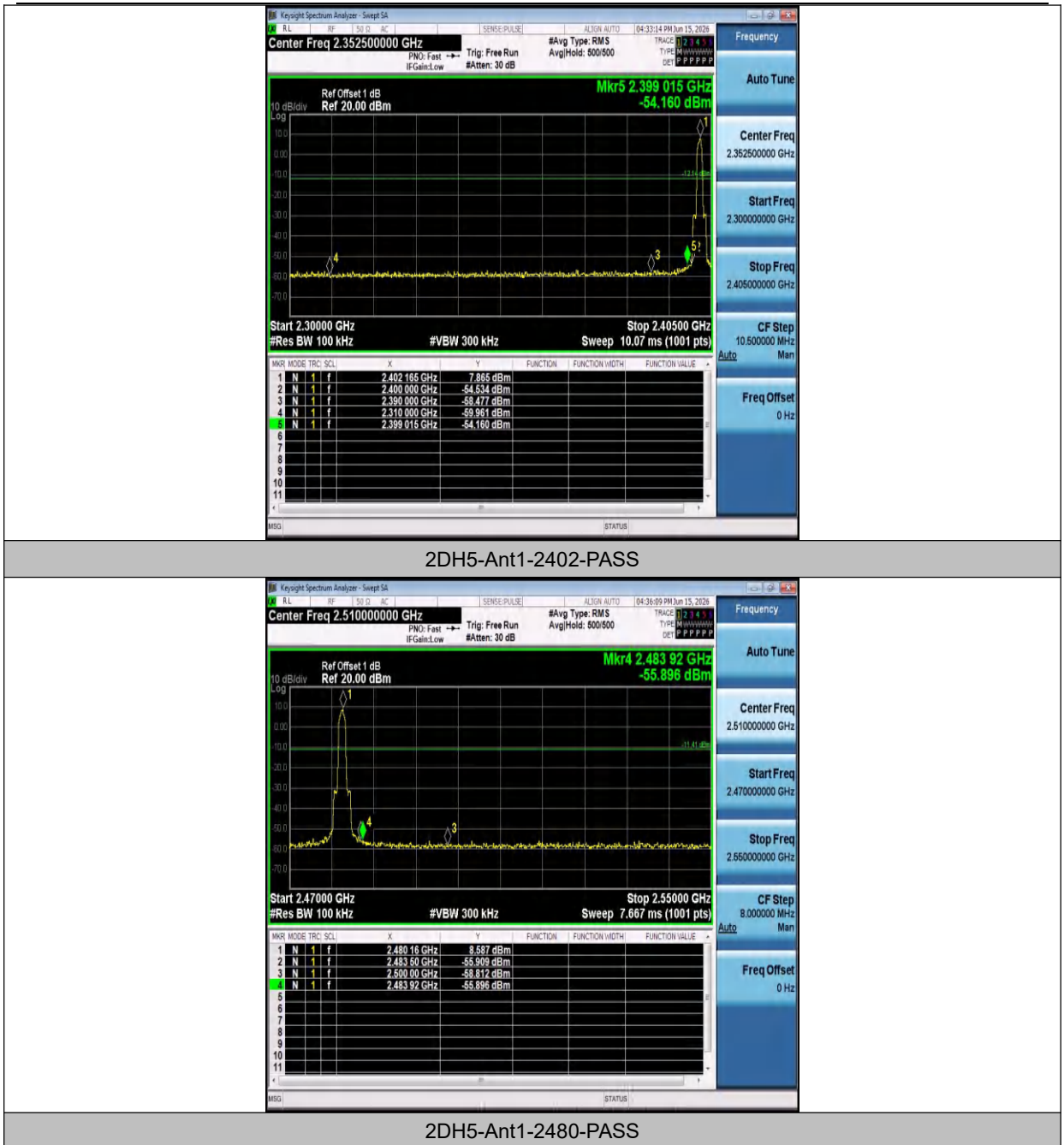


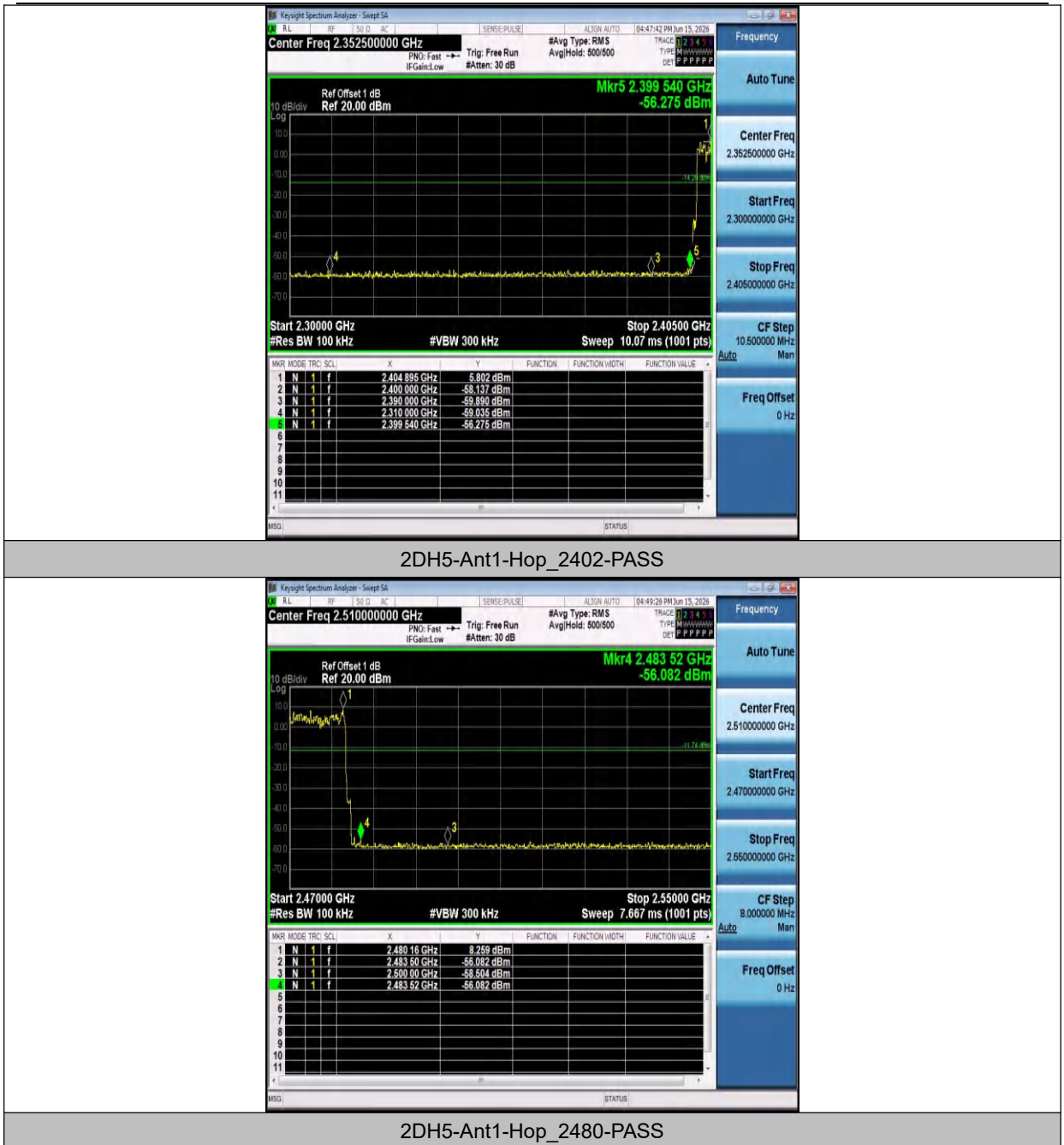
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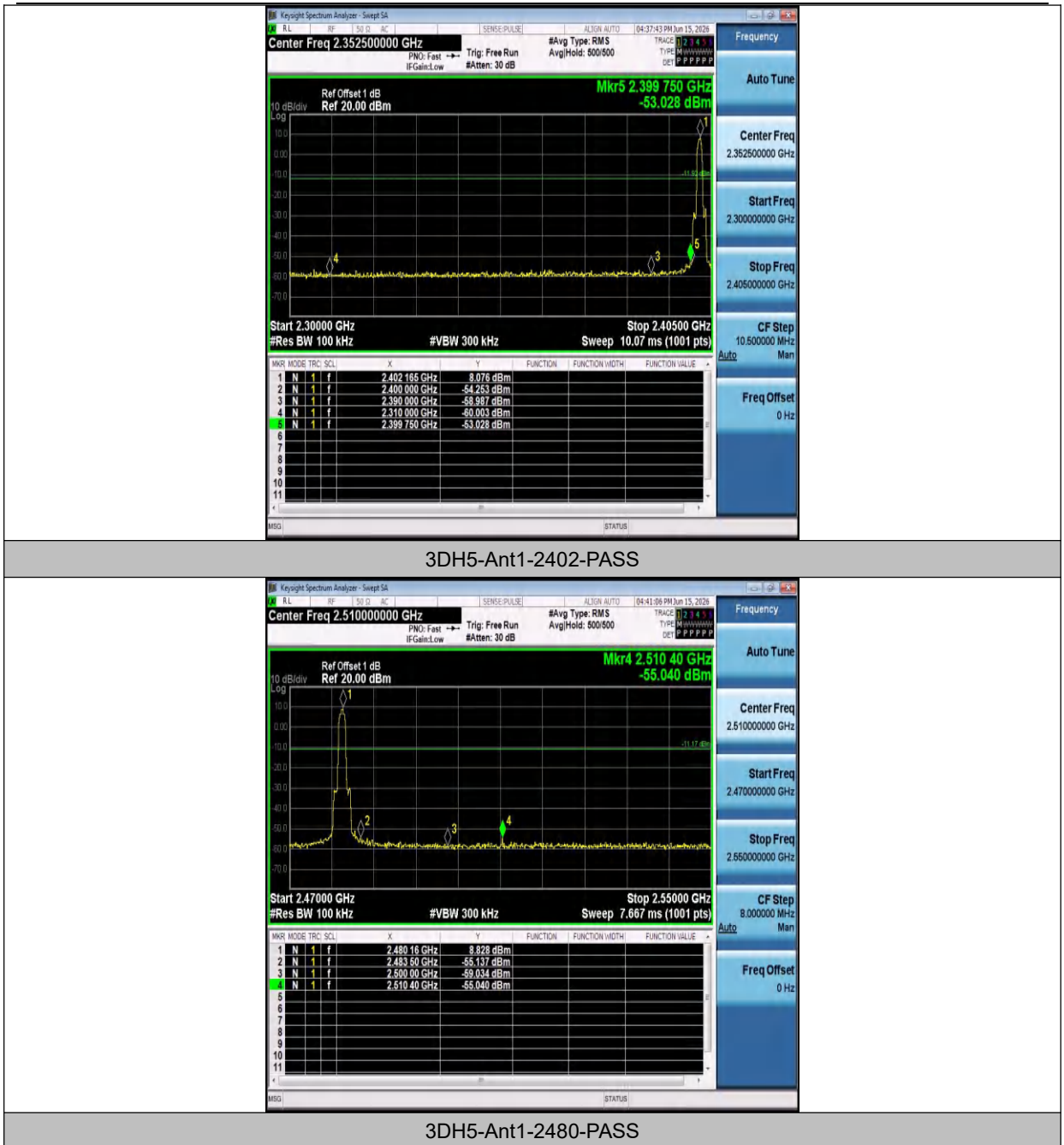
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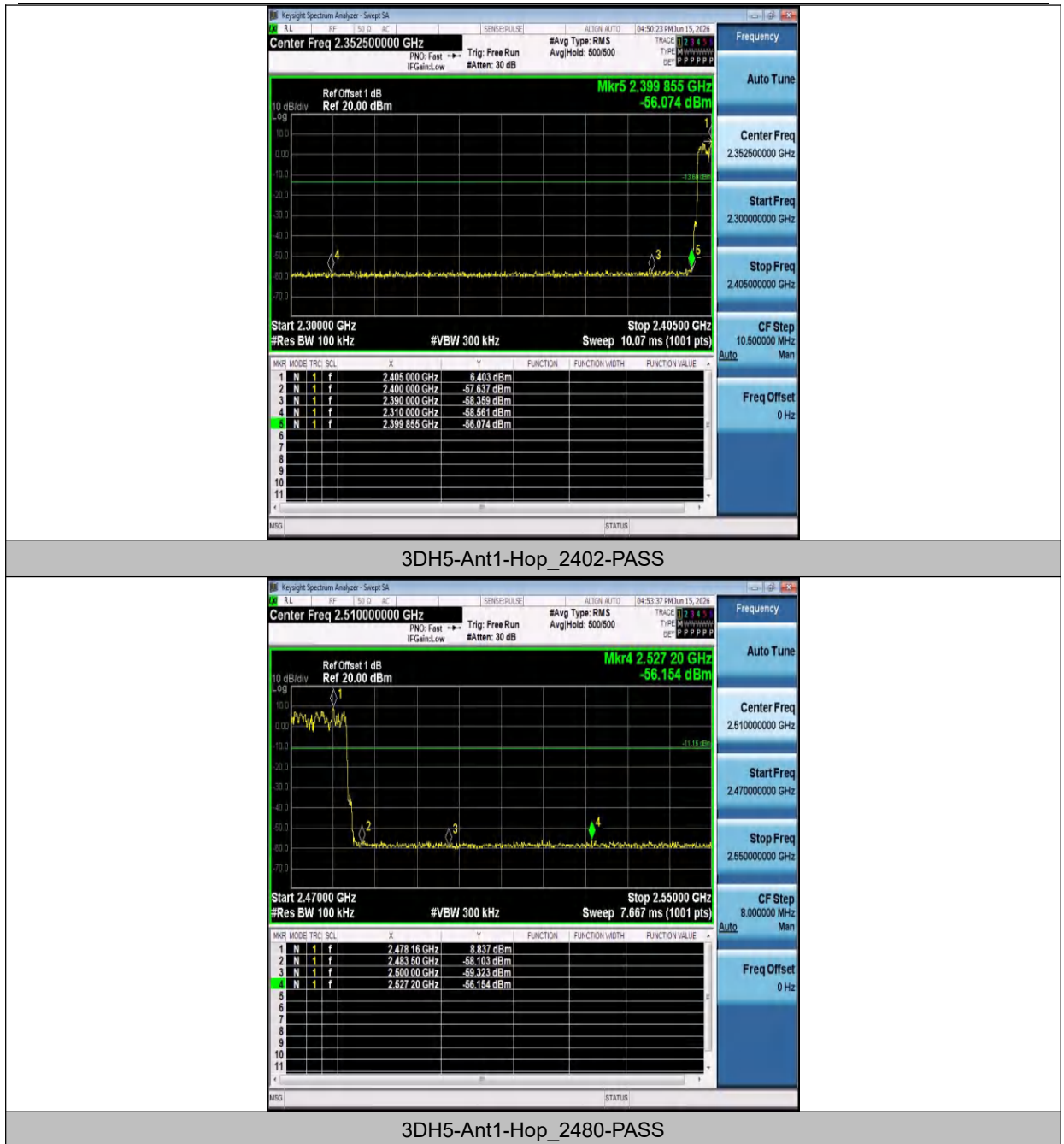
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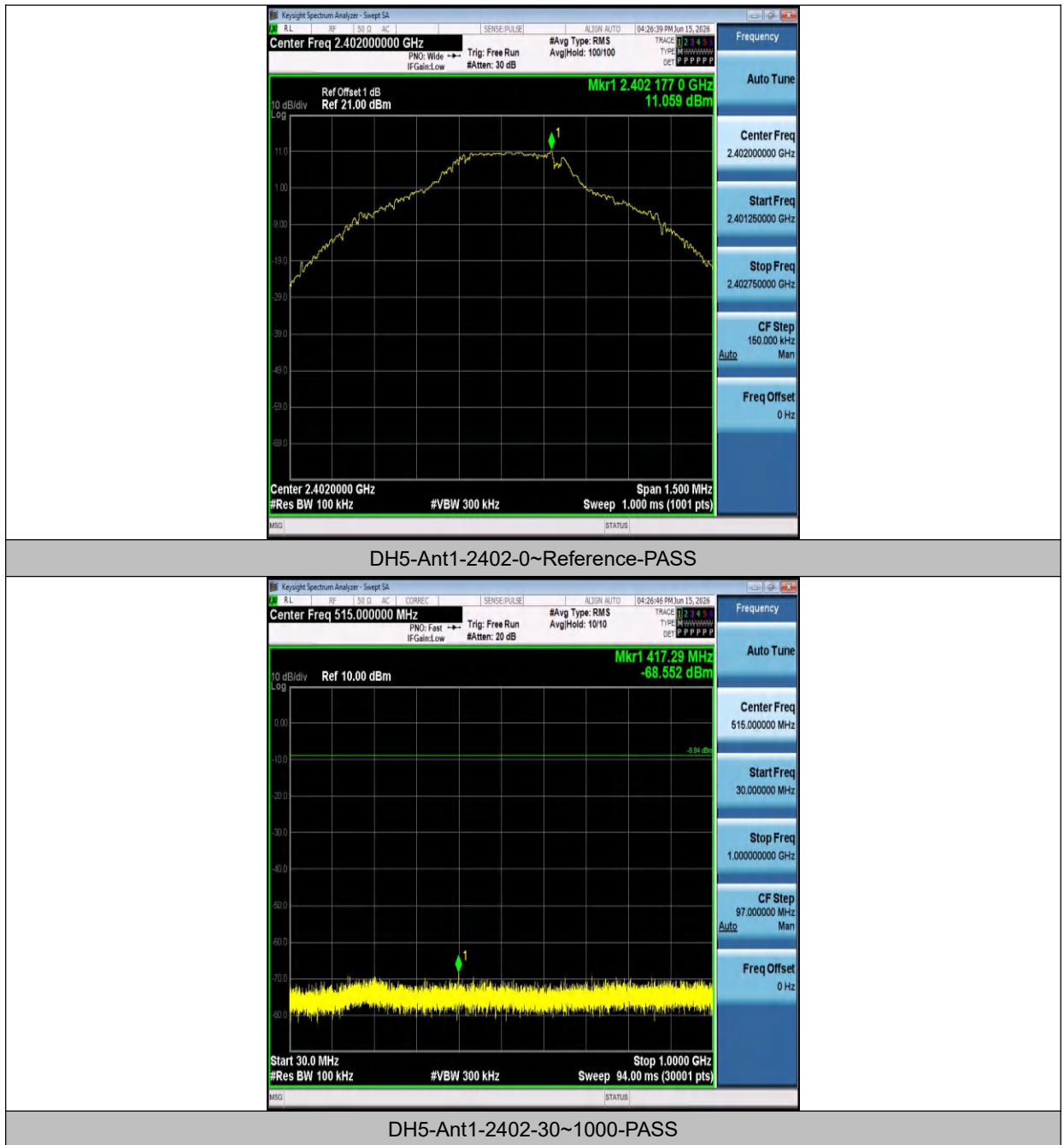
Appendix H: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency[MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	0~Reference	11.06	11.06	---	PASS
DH5	Ant1	2402	30~1000	11.06	-68.55	≤-8.94	PASS
DH5	Ant1	2402	1000~26500	11.06	-35.99	≤-8.94	PASS
DH5	Ant1	2441	0~Reference	11.70	11.70	---	PASS
DH5	Ant1	2441	30~1000	11.70	-68.95	≤-8.3	PASS
DH5	Ant1	2441	1000~26500	11.70	-35.36	≤-8.3	PASS
DH5	Ant1	2480	0~Reference	12.73	12.73	---	PASS
DH5	Ant1	2480	30~1000	12.73	-68.25	≤-7.27	PASS
DH5	Ant1	2480	1000~26500	12.73	-35.88	≤-7.27	PASS
2DH5	Ant1	2402	0~Reference	7.73	7.73	---	PASS
2DH5	Ant1	2402	30~1000	7.73	-68.72	≤-12.27	PASS
2DH5	Ant1	2402	1000~26500	7.73	-35.74	≤-12.27	PASS
2DH5	Ant1	2441	0~Reference	7.44	7.44	---	PASS
2DH5	Ant1	2441	30~1000	7.44	-69.11	≤-12.56	PASS
2DH5	Ant1	2441	1000~26500	7.44	-36.35	≤-12.56	PASS
2DH5	Ant1	2480	0~Reference	8.67	8.67	---	PASS
2DH5	Ant1	2480	30~1000	8.67	-67.69	≤-11.33	PASS
2DH5	Ant1	2480	1000~26500	8.67	-35.49	≤-11.33	PASS
3DH5	Ant1	2402	0~Reference	7.75	7.75	---	PASS
3DH5	Ant1	2402	30~1000	7.75	-53.24	≤-12.25	PASS
3DH5	Ant1	2402	1000~26500	7.75	-36.29	≤-12.25	PASS
3DH5	Ant1	2441	0~Reference	7.79	7.79	---	PASS
3DH5	Ant1	2441	30~1000	7.79	-68.96	≤-12.21	PASS
3DH5	Ant1	2441	1000~26500	7.79	-35.69	≤-12.21	PASS
3DH5	Ant1	2480	0~Reference	8.07	8.07	---	PASS
3DH5	Ant1	2480	30~1000	8.07	-67.78	≤-11.93	PASS
3DH5	Ant1	2480	1000~26500	8.07	-35.91	≤-11.93	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.

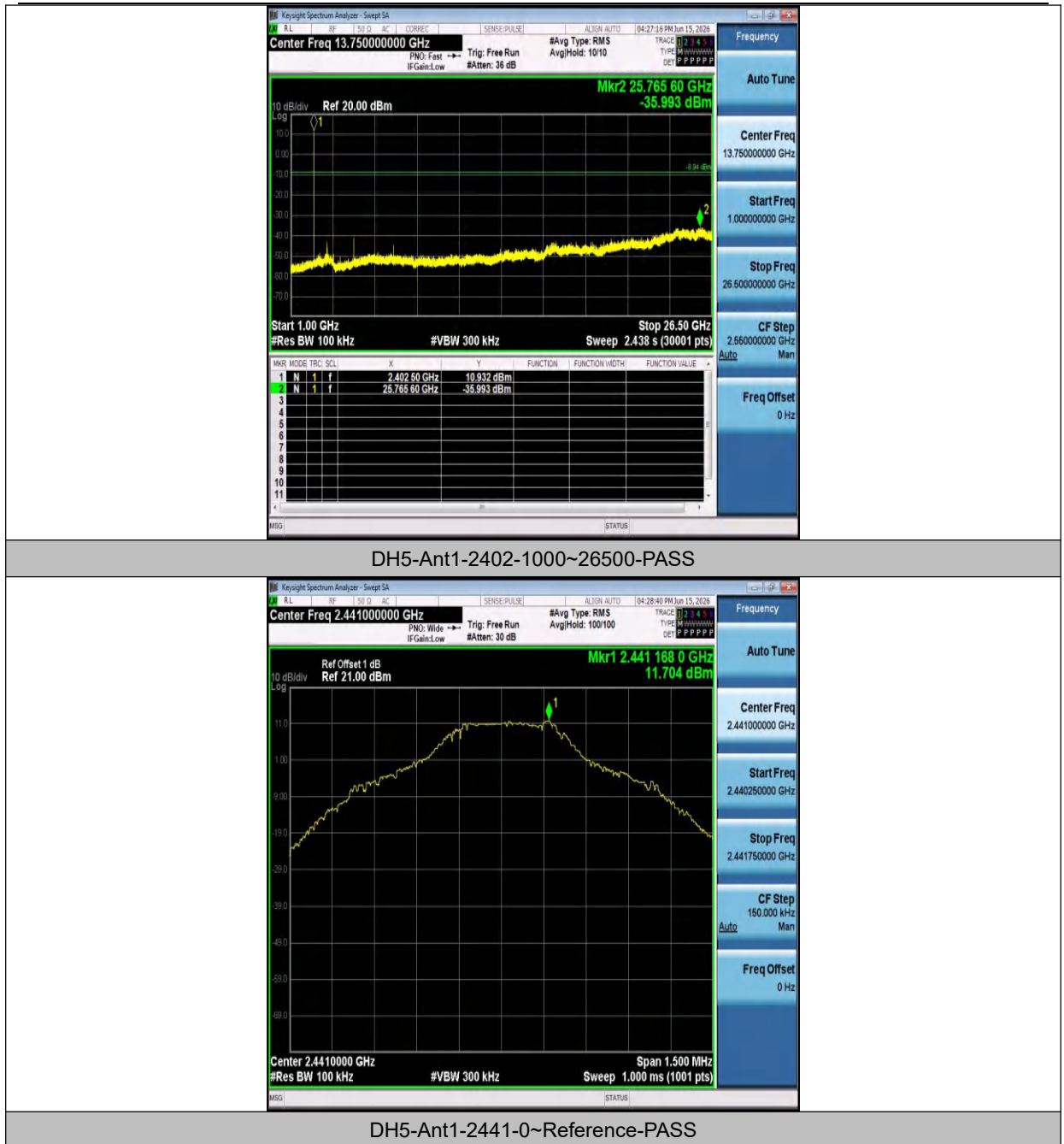
Test Graphs



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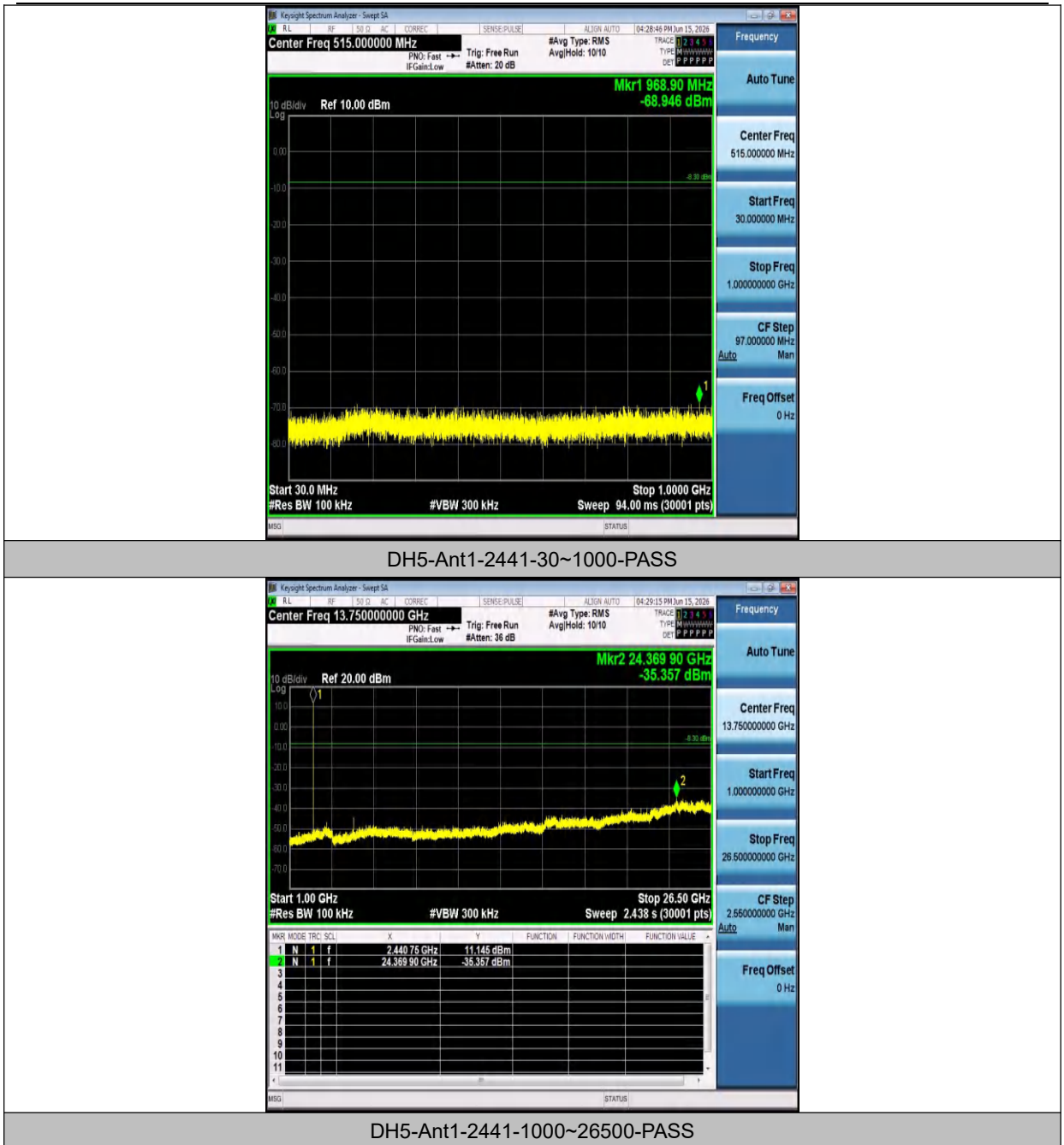
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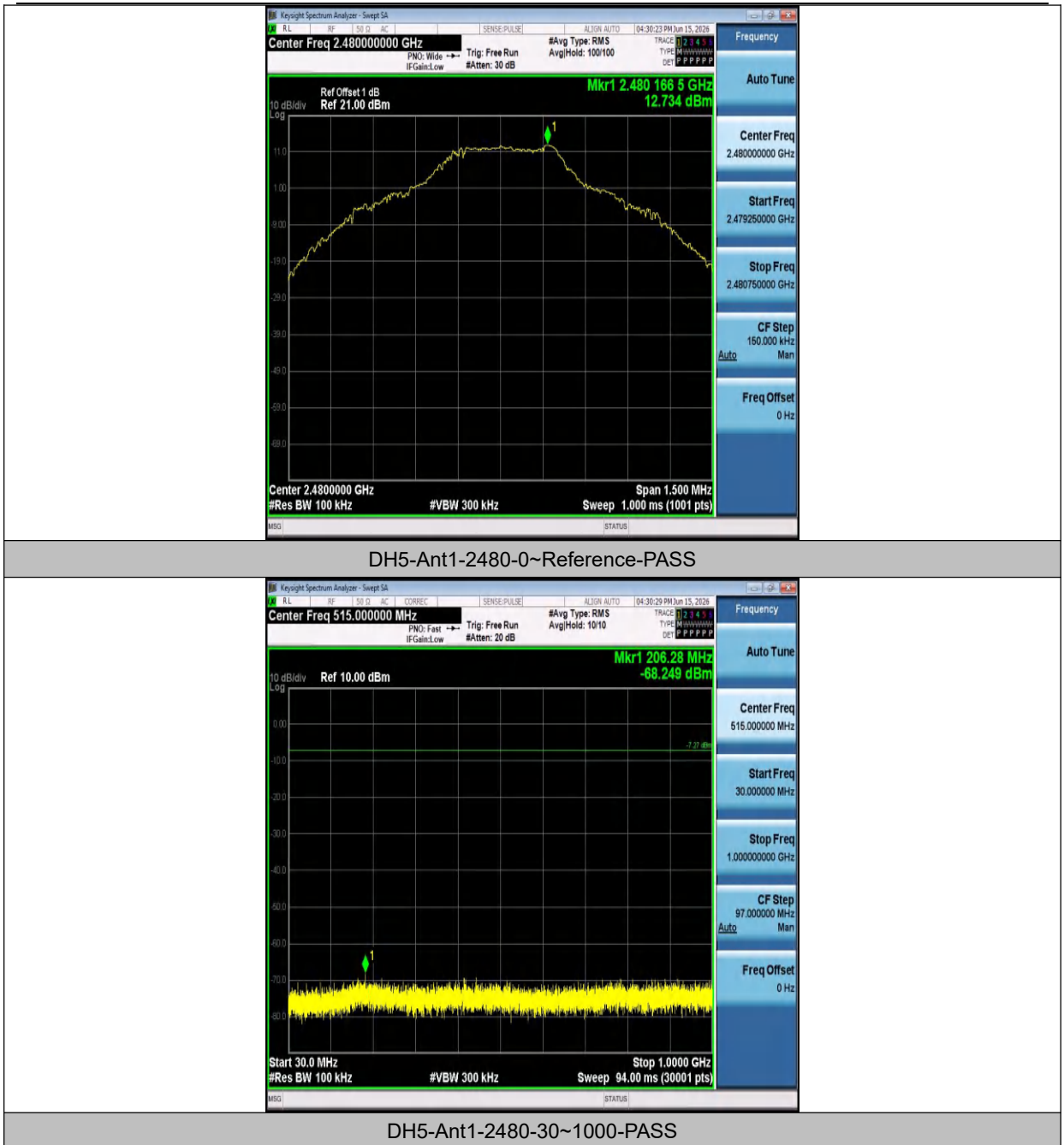


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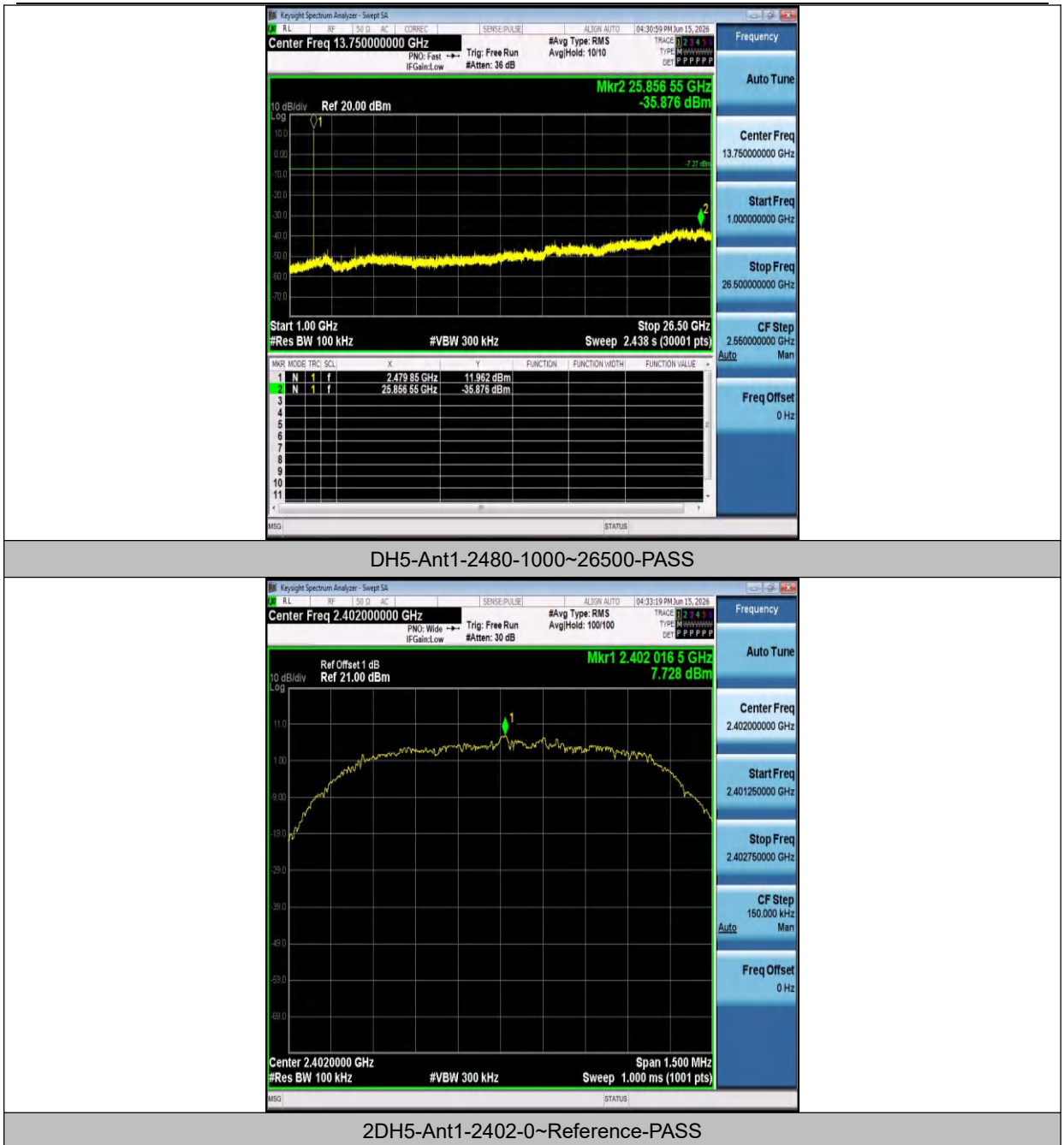




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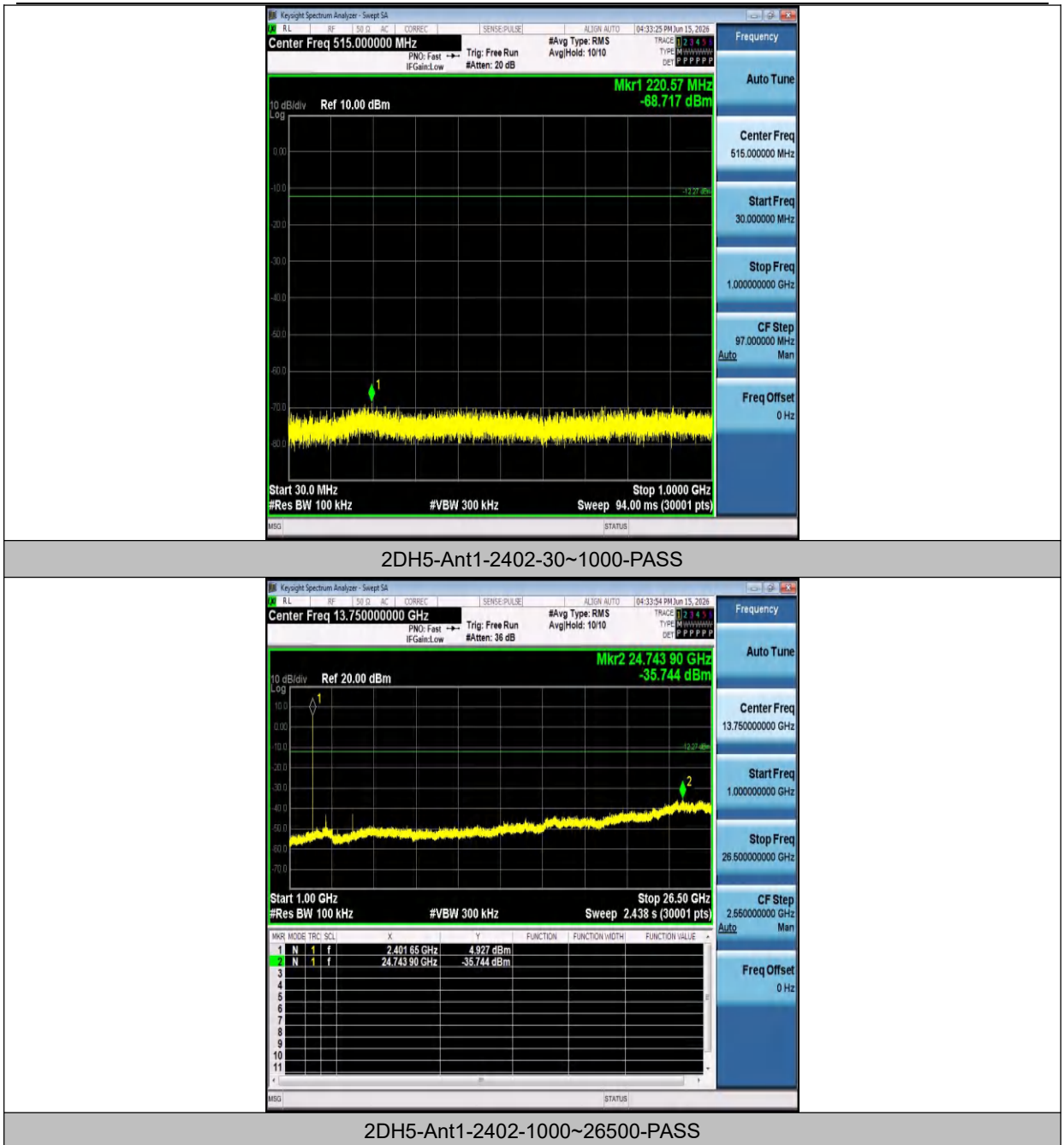
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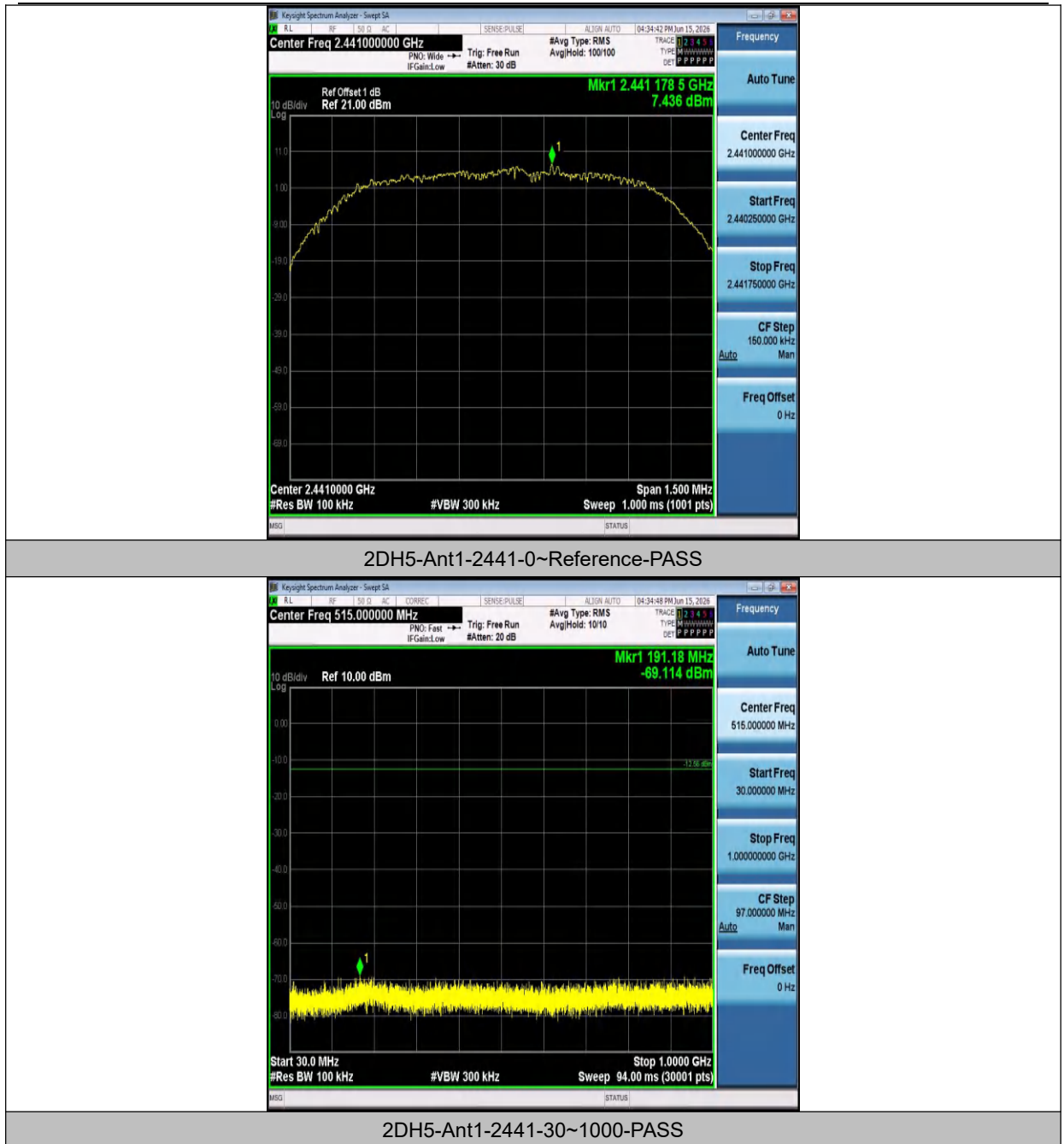
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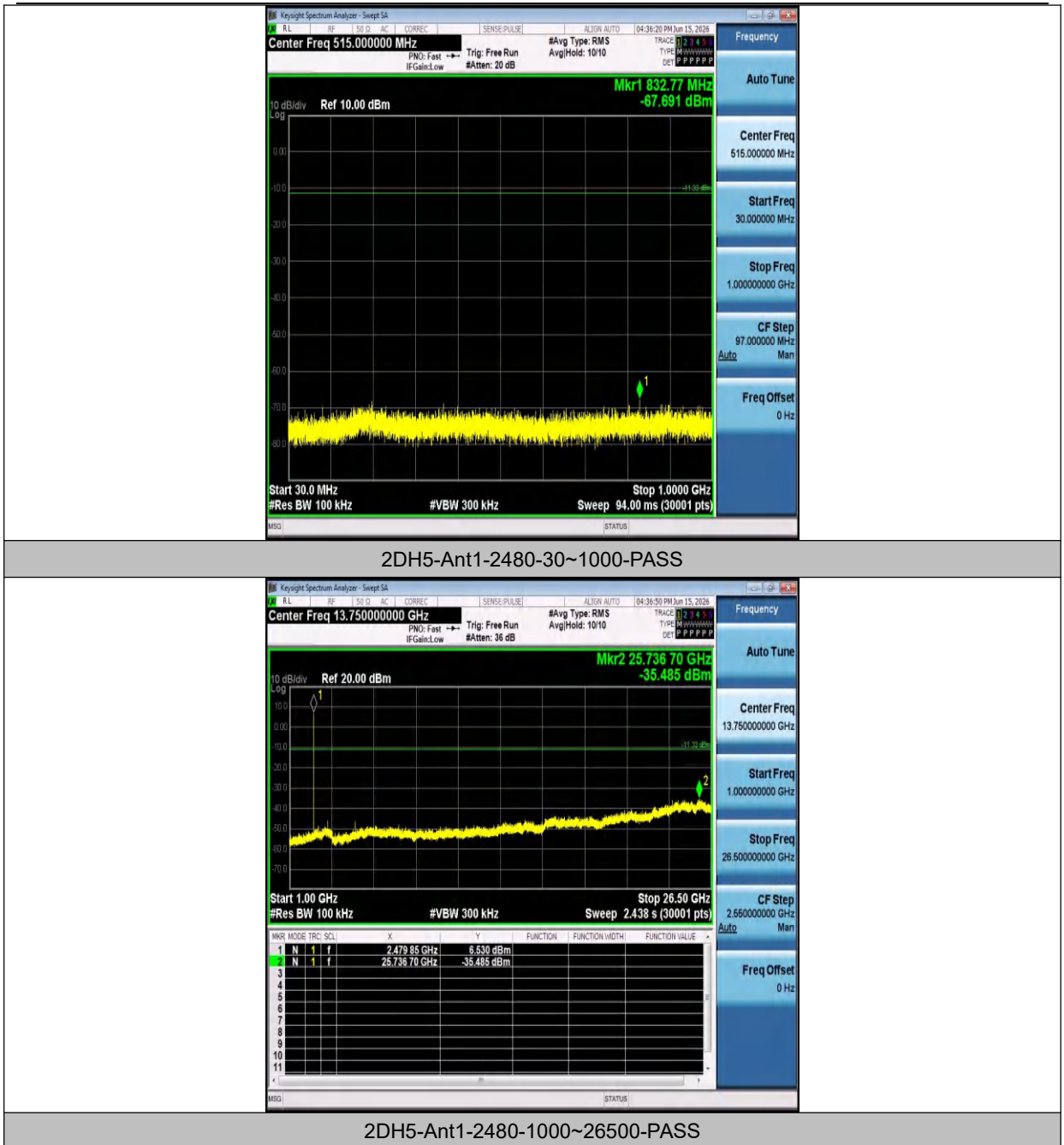
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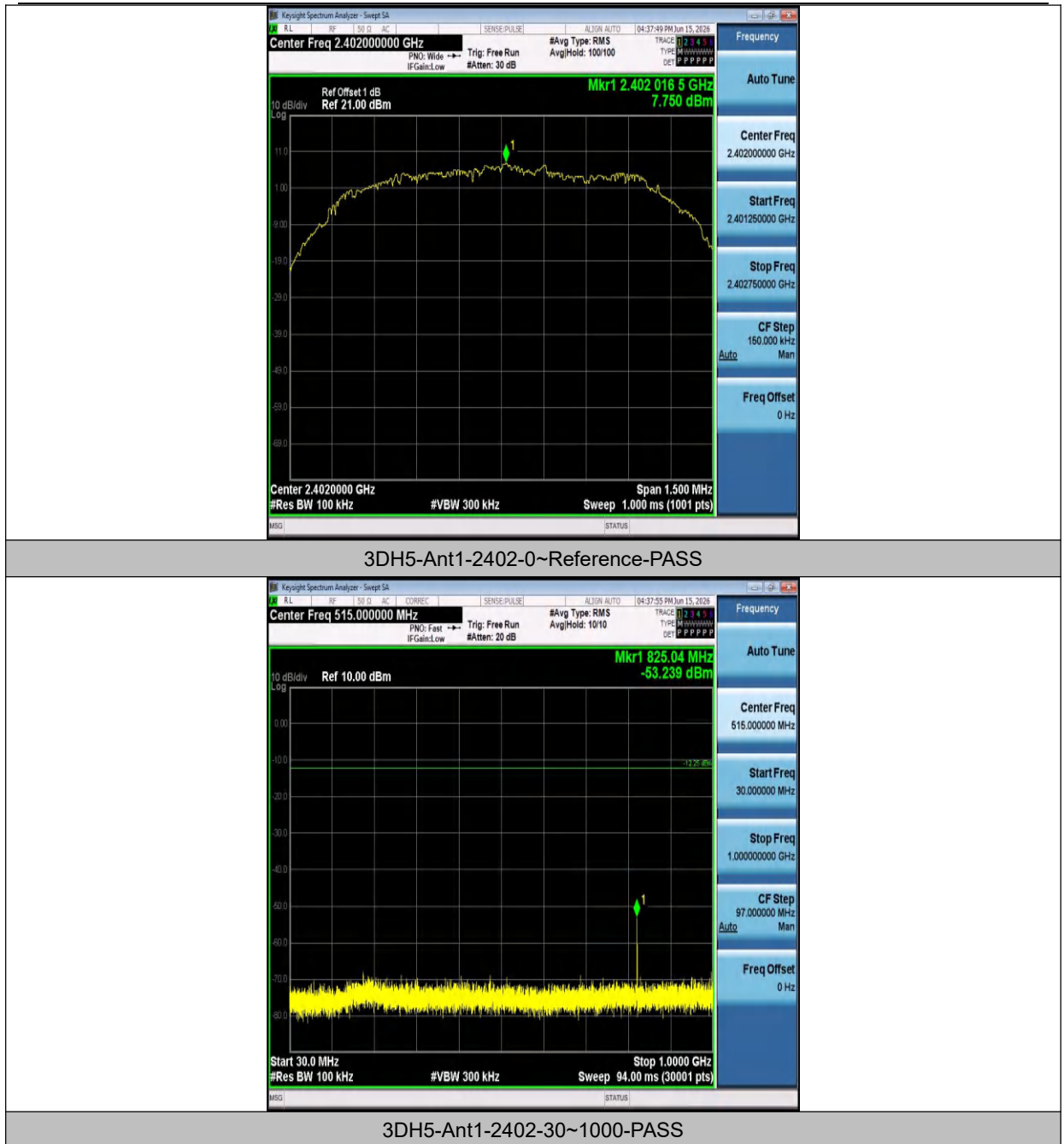
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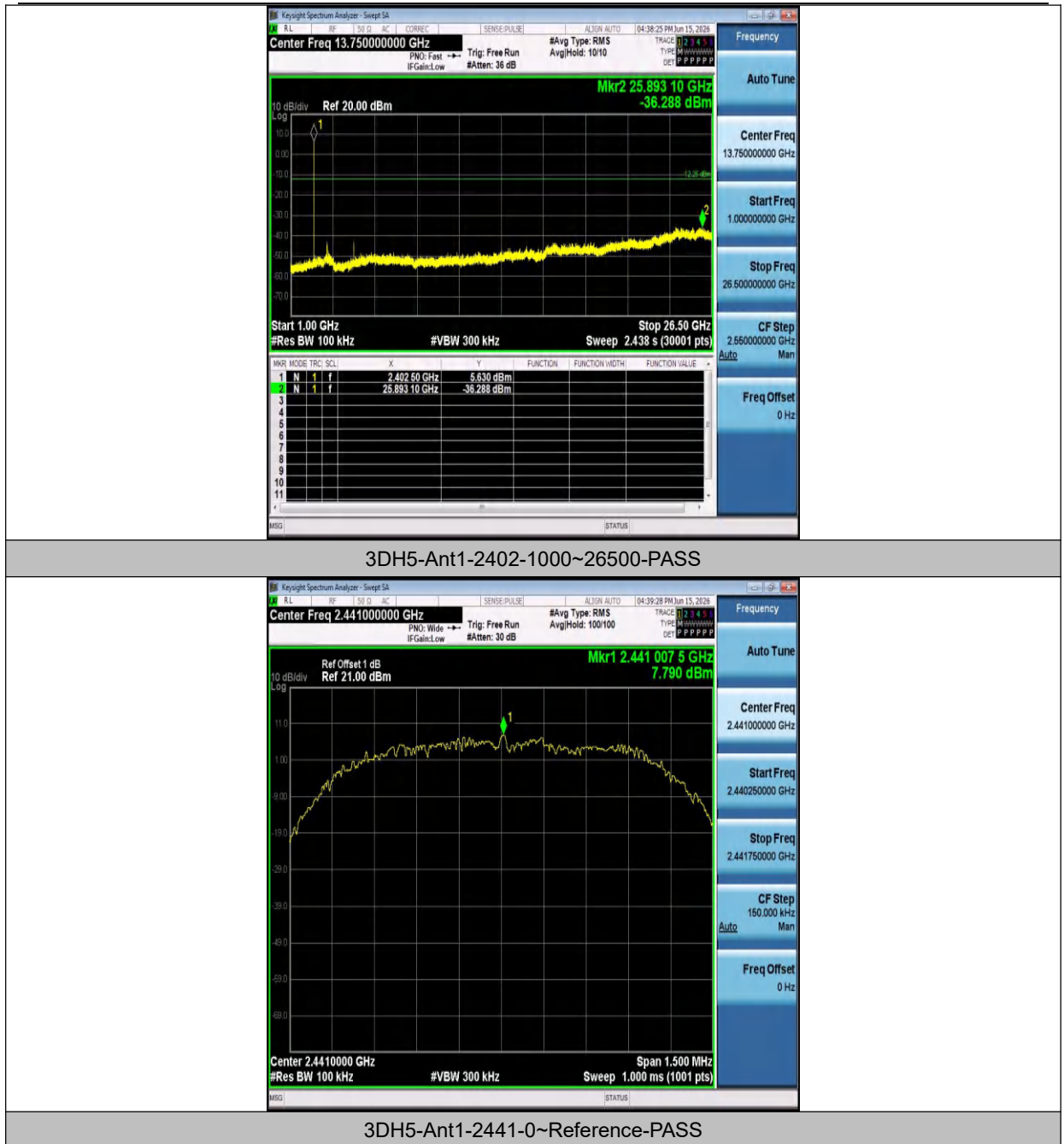
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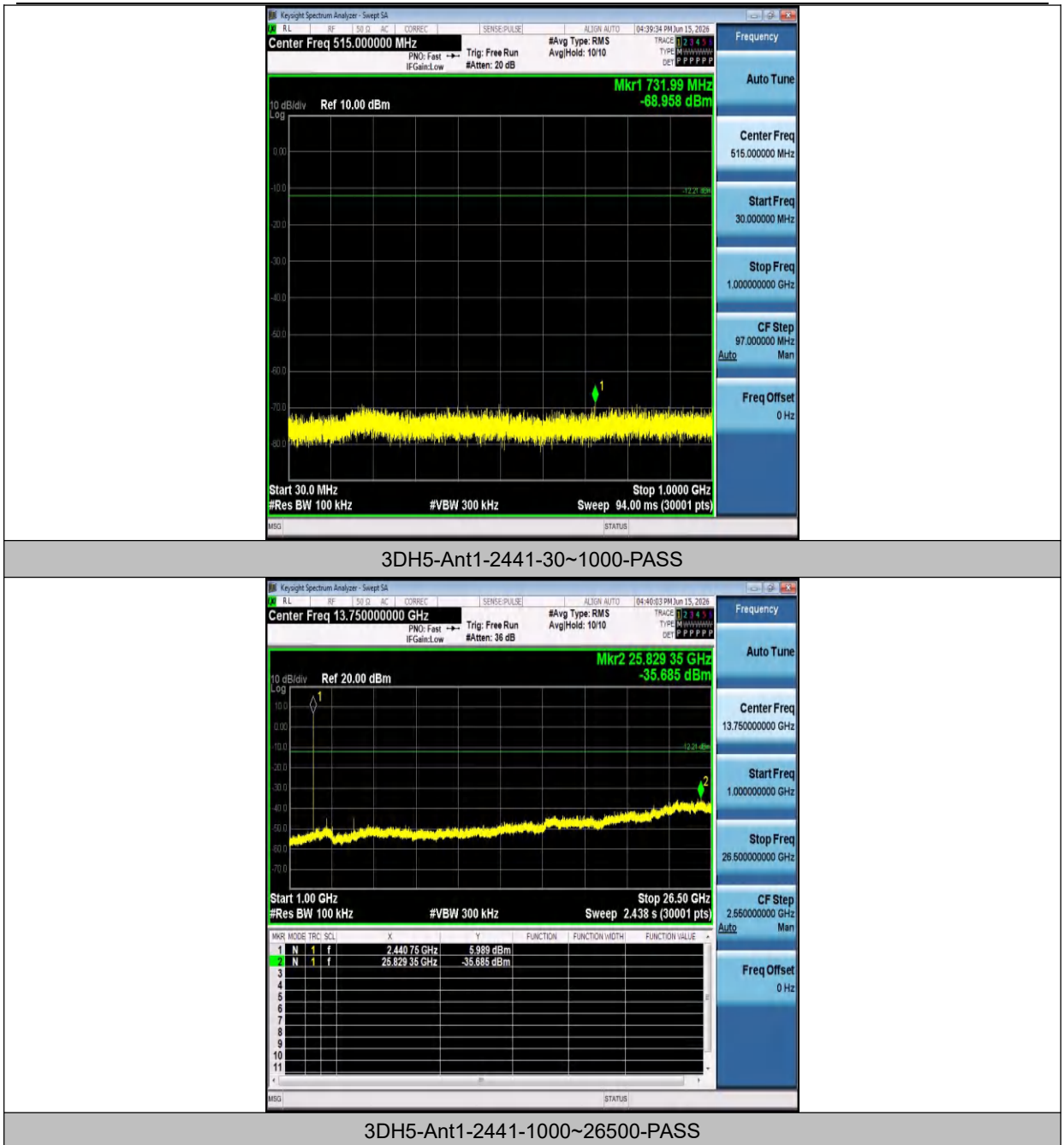
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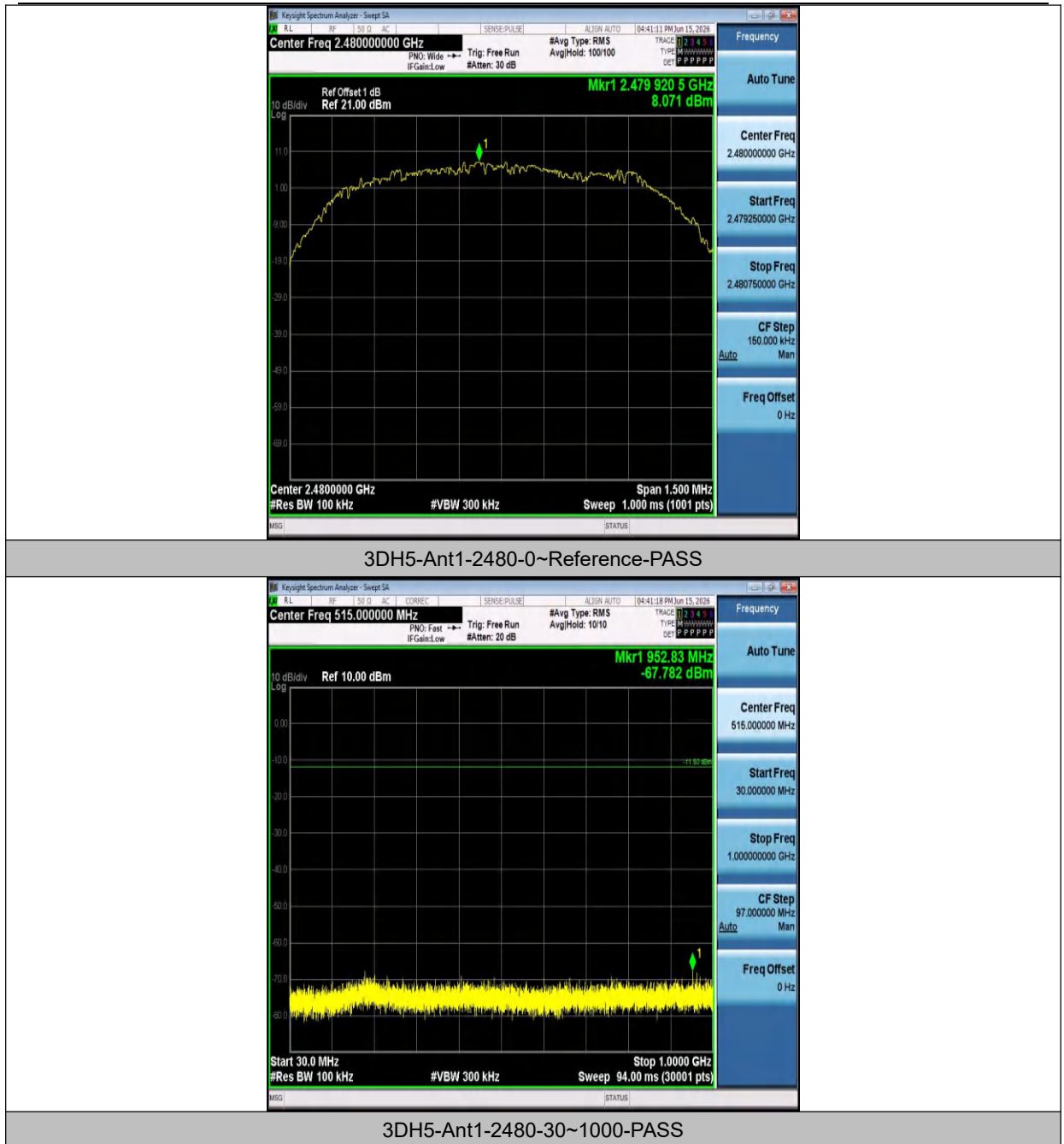
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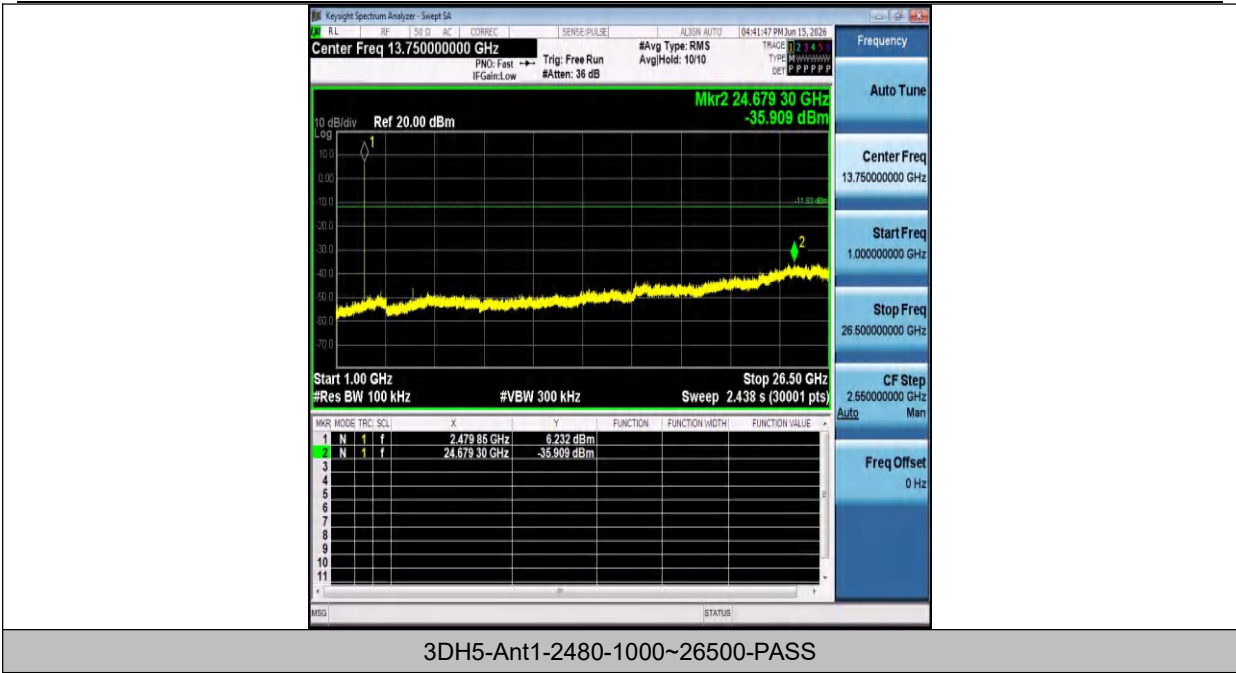
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Appendix I: Duty Cycle

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	2.89	3.75	77.07	1.13
2DH5	Ant1	2441	2.89	3.75	77.07	1.13
2DH5	Ant1	2480	2.88	3.75	76.80	1.15
3DH5	Ant1	2402	2.89	3.75	77.07	1.13
3DH5	Ant1	2441	2.89	3.75	77.07	1.13
3DH5	Ant1	2480	2.88	3.75	76.80	1.15

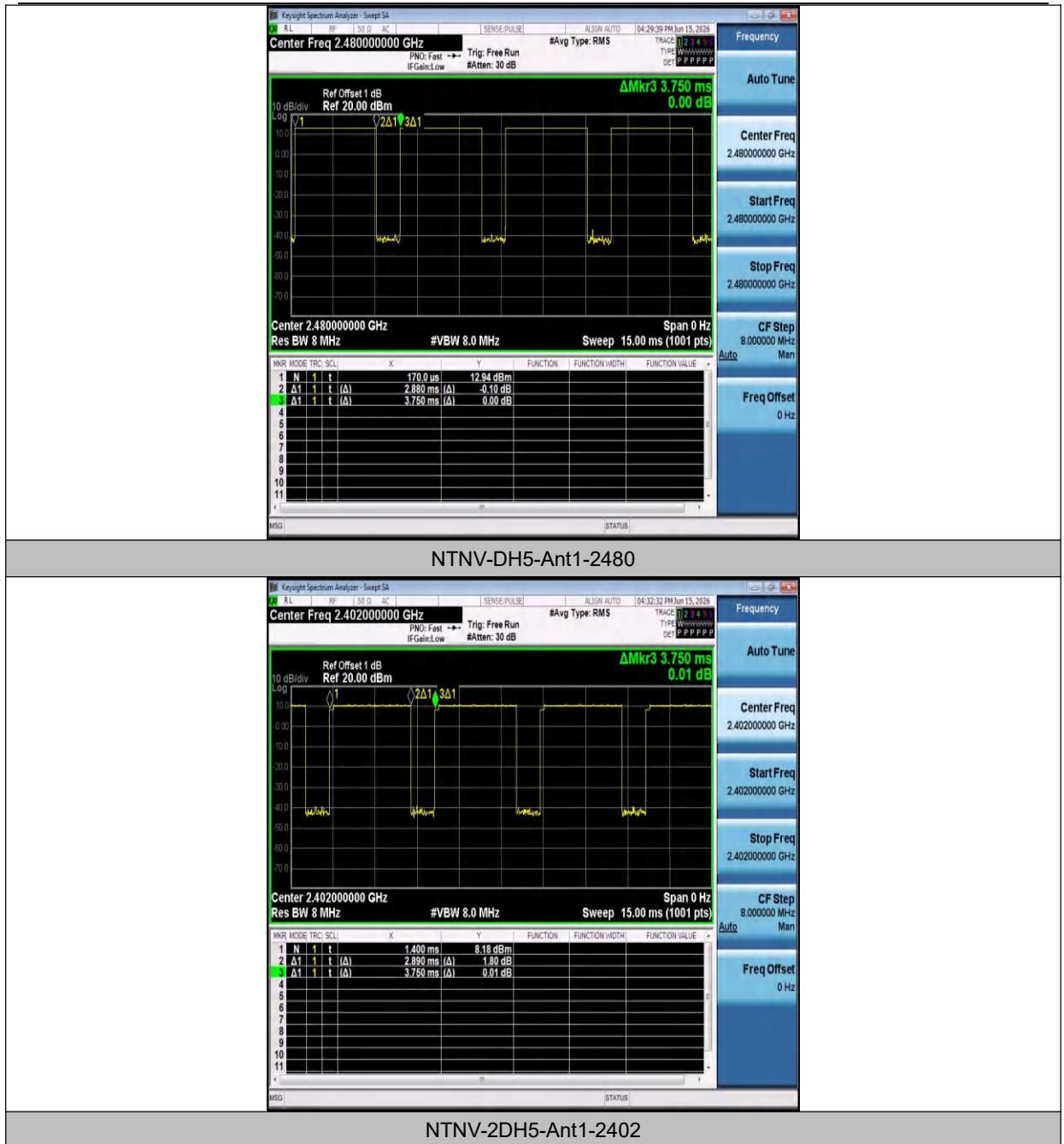
Test Graphs



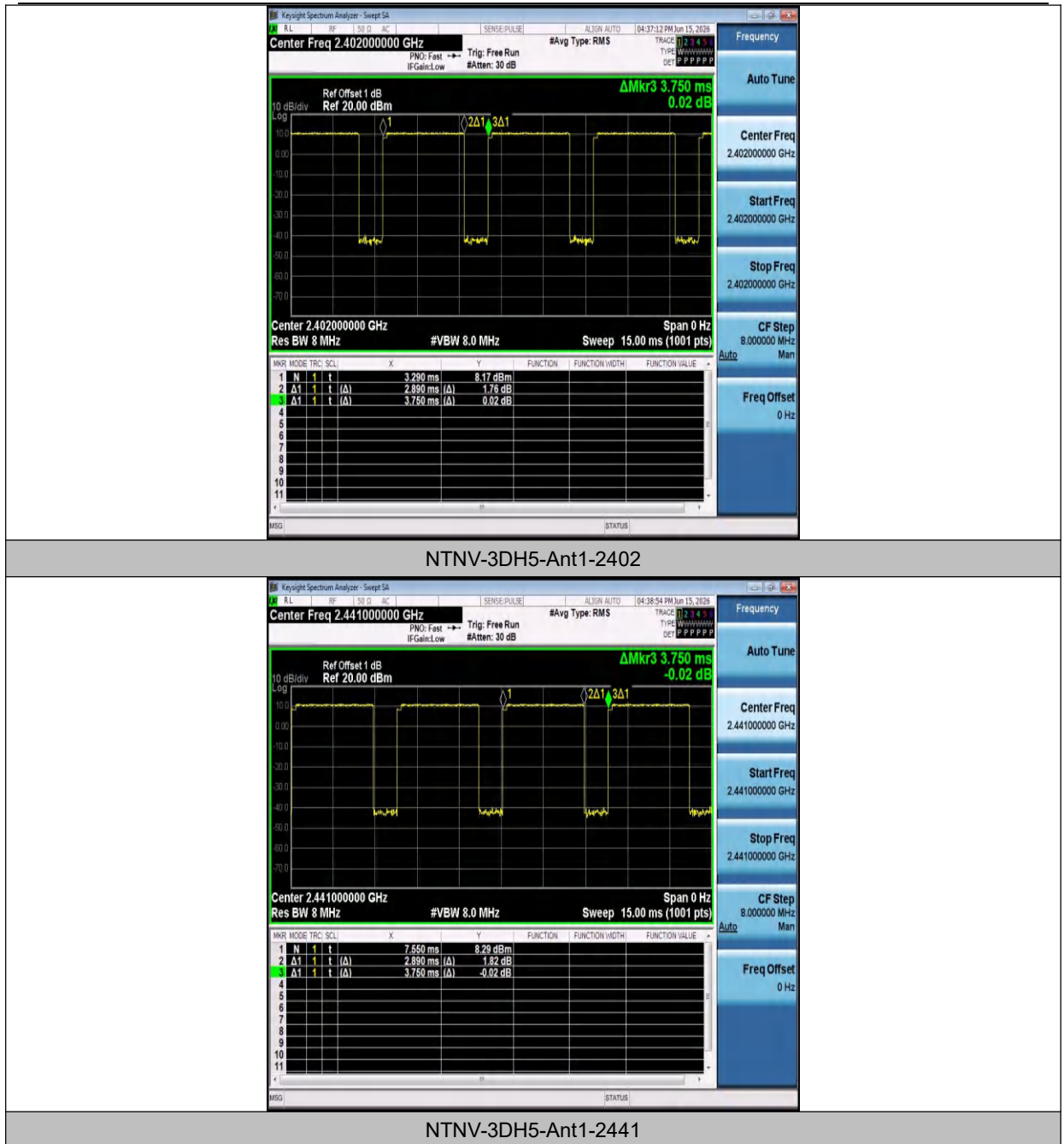
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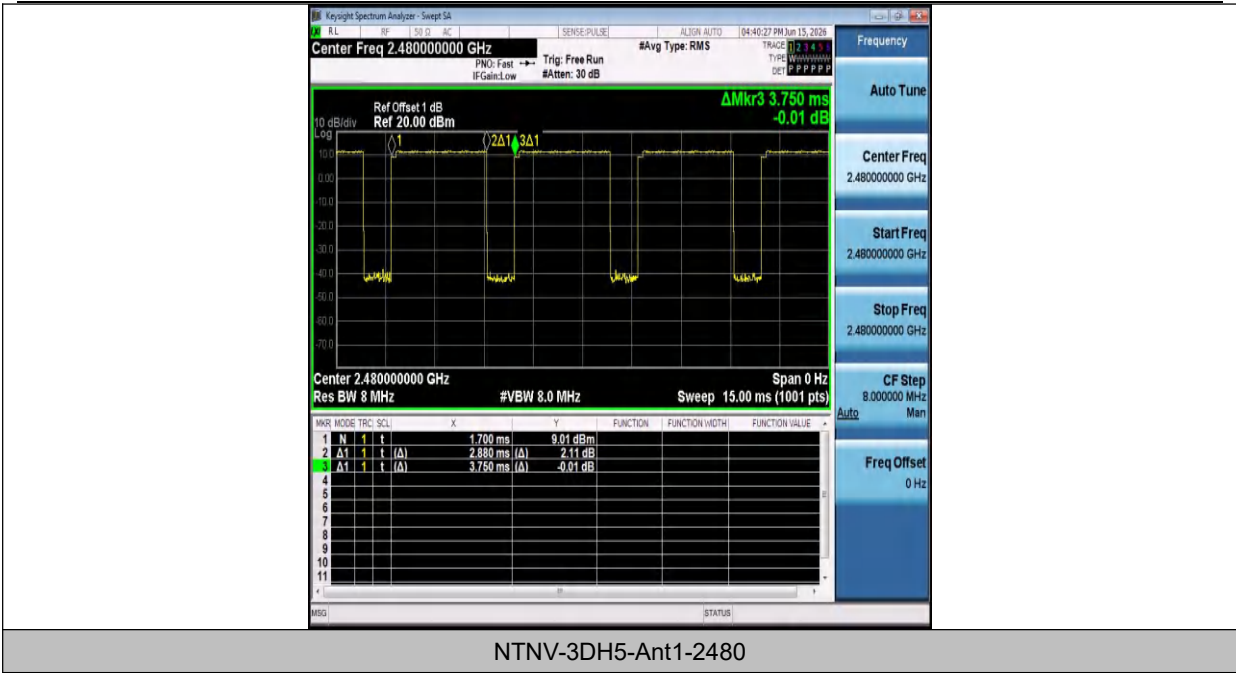
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NTNV-3DH5-Ant1-2480

---End---