

Appendix Test Data

Report No.:	1819C60052012501-01	Test Sample No.:	1-2-2
Start Test Date:	2026-5-9	Finish Test Date:	2026-8-17
Test Engineer:	Pearl Ao	Auditor:	Justin Feng
Temperature:	23.8°C	Relative Humidity:	68%
Pressure:	101kPa		

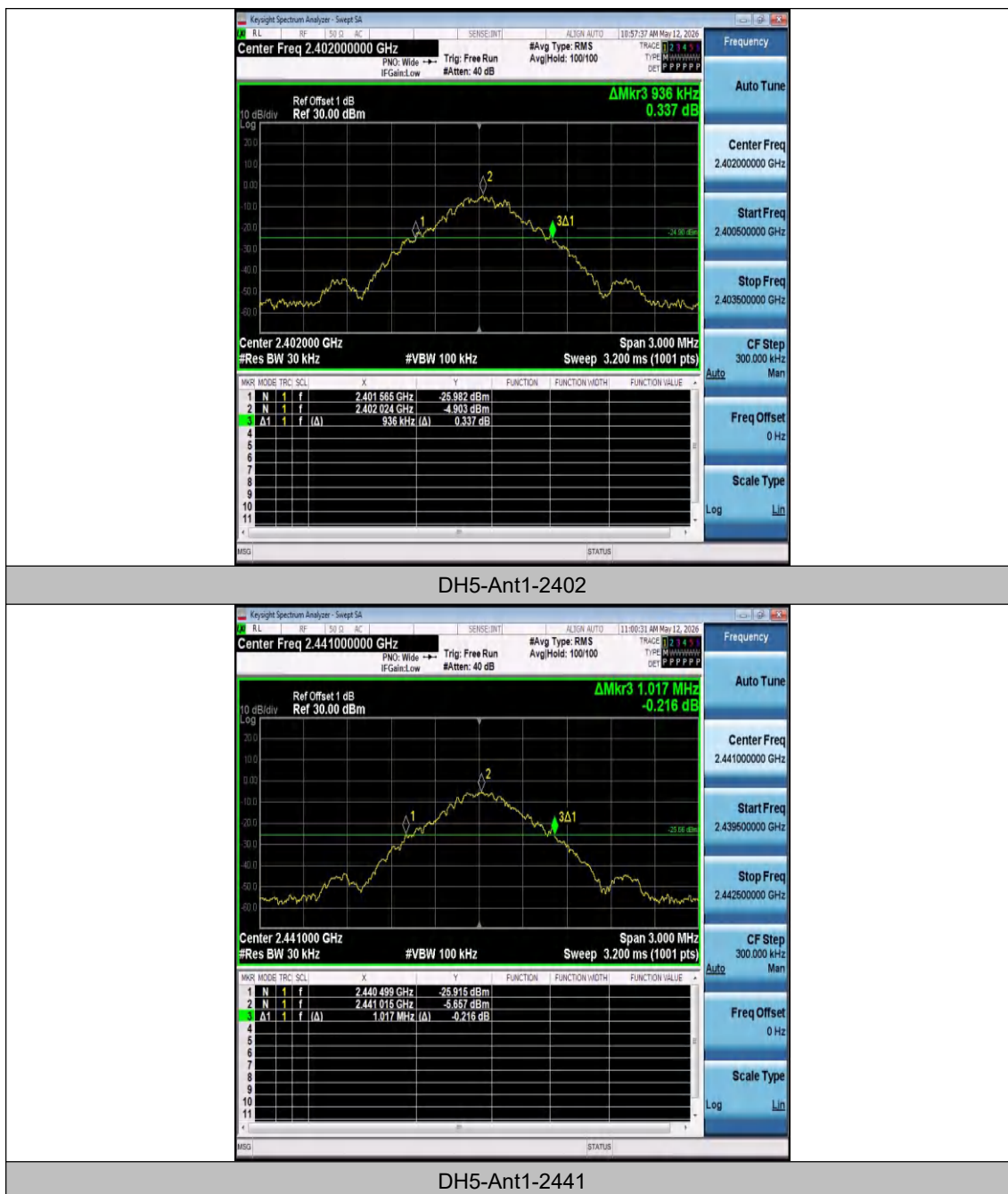


Appendix A: 20dB Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.936	2401.565	2402.501	---	---
DH5	Ant1	2441	1.017	2440.499	2441.516	---	---
DH5	Ant1	2480	0.999	2479.532	2480.531	---	---
2DH5	Ant1	2402	1.290	2401.391	2402.681	---	---
2DH5	Ant1	2441	1.320	2440.364	2441.684	---	---
2DH5	Ant1	2480	1.284	2479.394	2480.678	---	---
3DH5	Ant1	2402	1.311	2401.370	2402.681	---	---
3DH5	Ant1	2441	1.269	2440.394	2441.663	---	---
3DH5	Ant1	2480	1.323	2479.358	2480.681	---	---

Test Graphs



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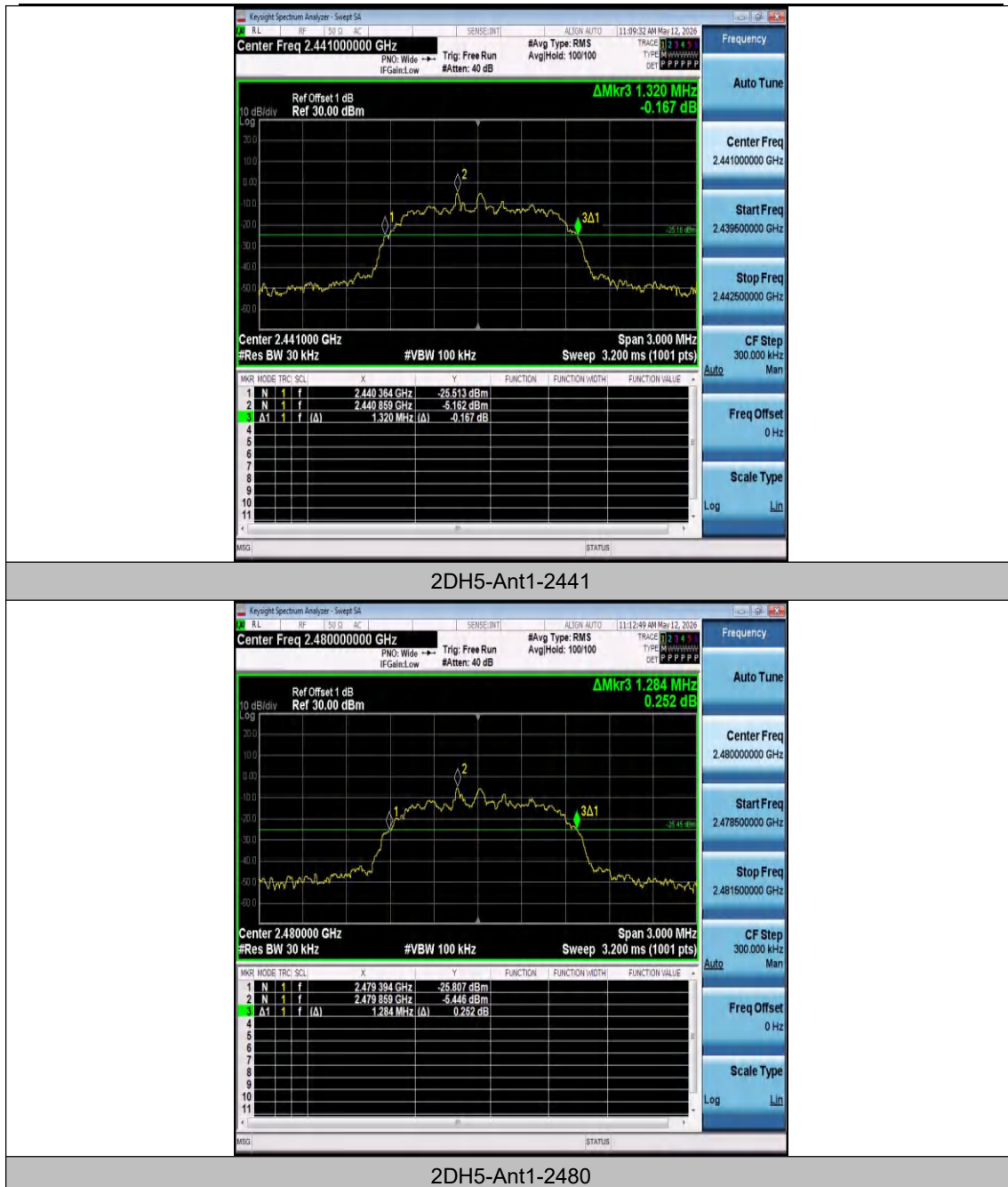
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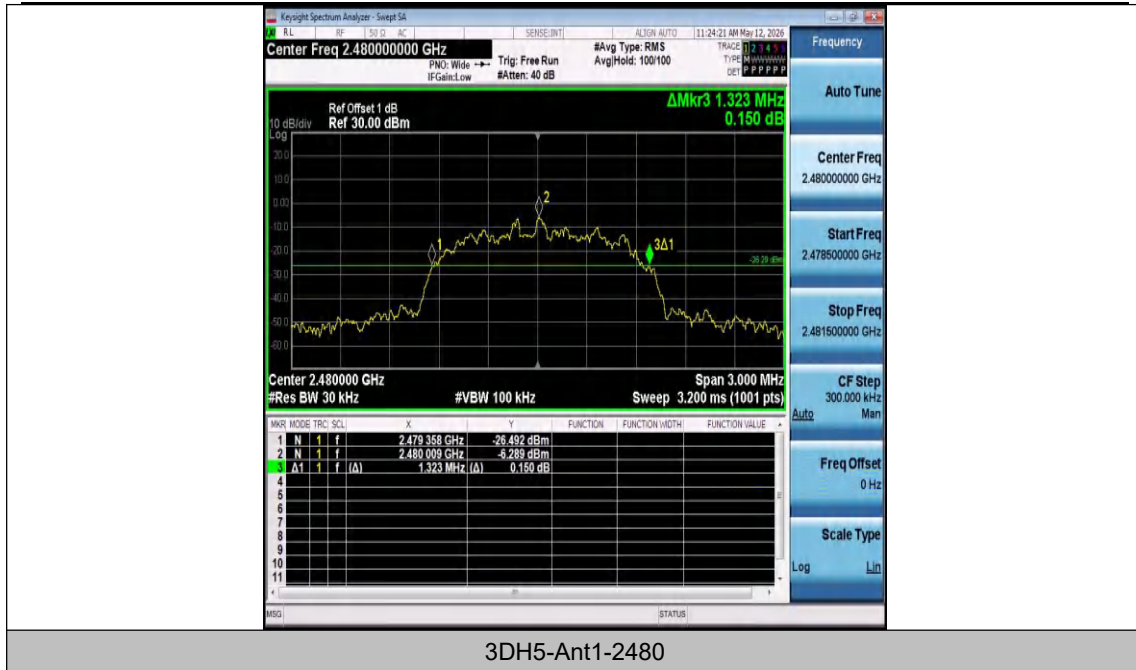
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Appendix B: 99% Occupied Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.87632	2401.5844	2402.4607	---	---
DH5	Ant1	2441	0.88746	2440.5845	2441.4720	---	---
DH5	Ant1	2480	0.88415	2479.5841	2480.4683	---	---
2DH5	Ant1	2402	1.1891	2401.4303	2402.6194	---	---
2DH5	Ant1	2441	1.1872	2440.4326	2441.6198	---	---
2DH5	Ant1	2480	1.1934	2479.4301	2480.6235	---	---
3DH5	Ant1	2402	1.1677	2401.4430	2402.6107	---	---
3DH5	Ant1	2441	1.1629	2440.4359	2441.5988	---	---
3DH5	Ant1	2480	1.1751	2479.4357	2480.6108	---	---

Test Graphs





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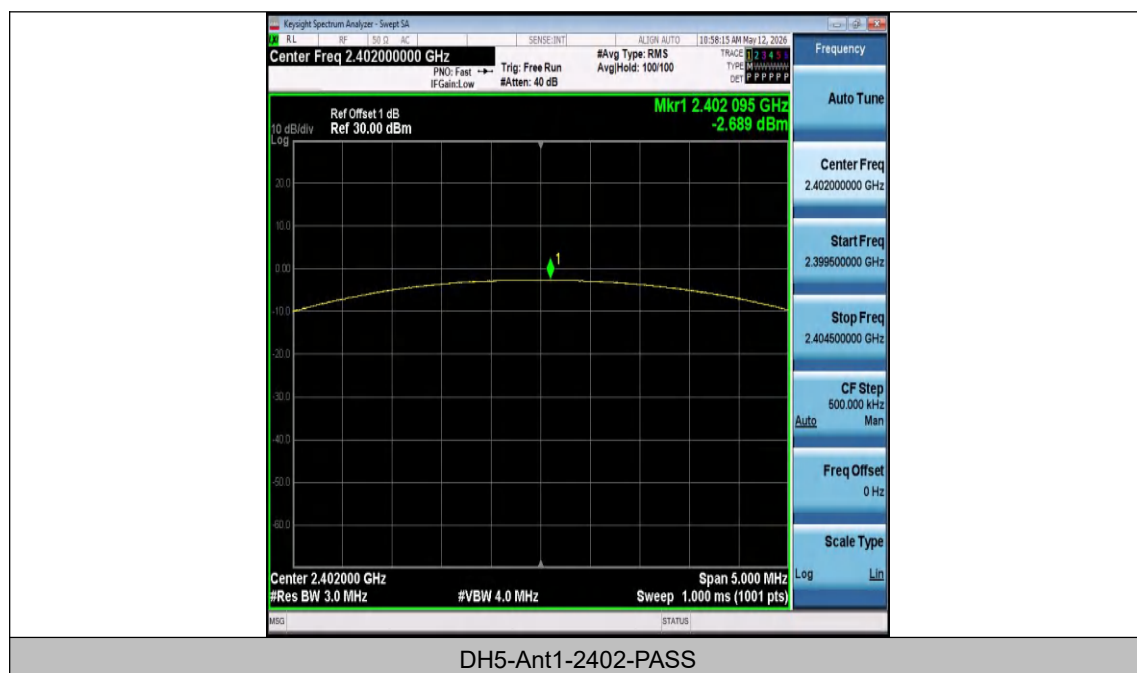
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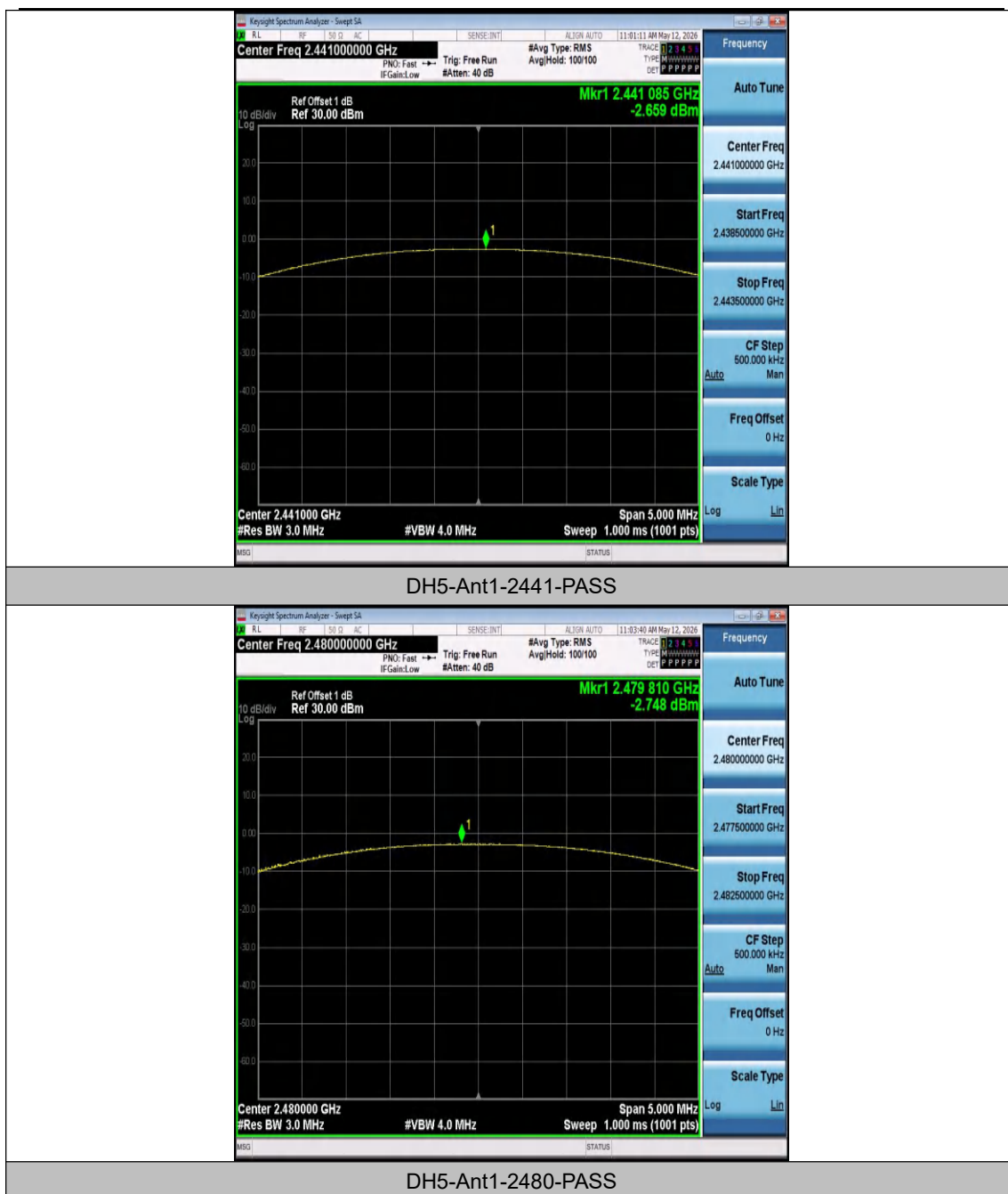
Appendix C: Maximum Conducted Output Power

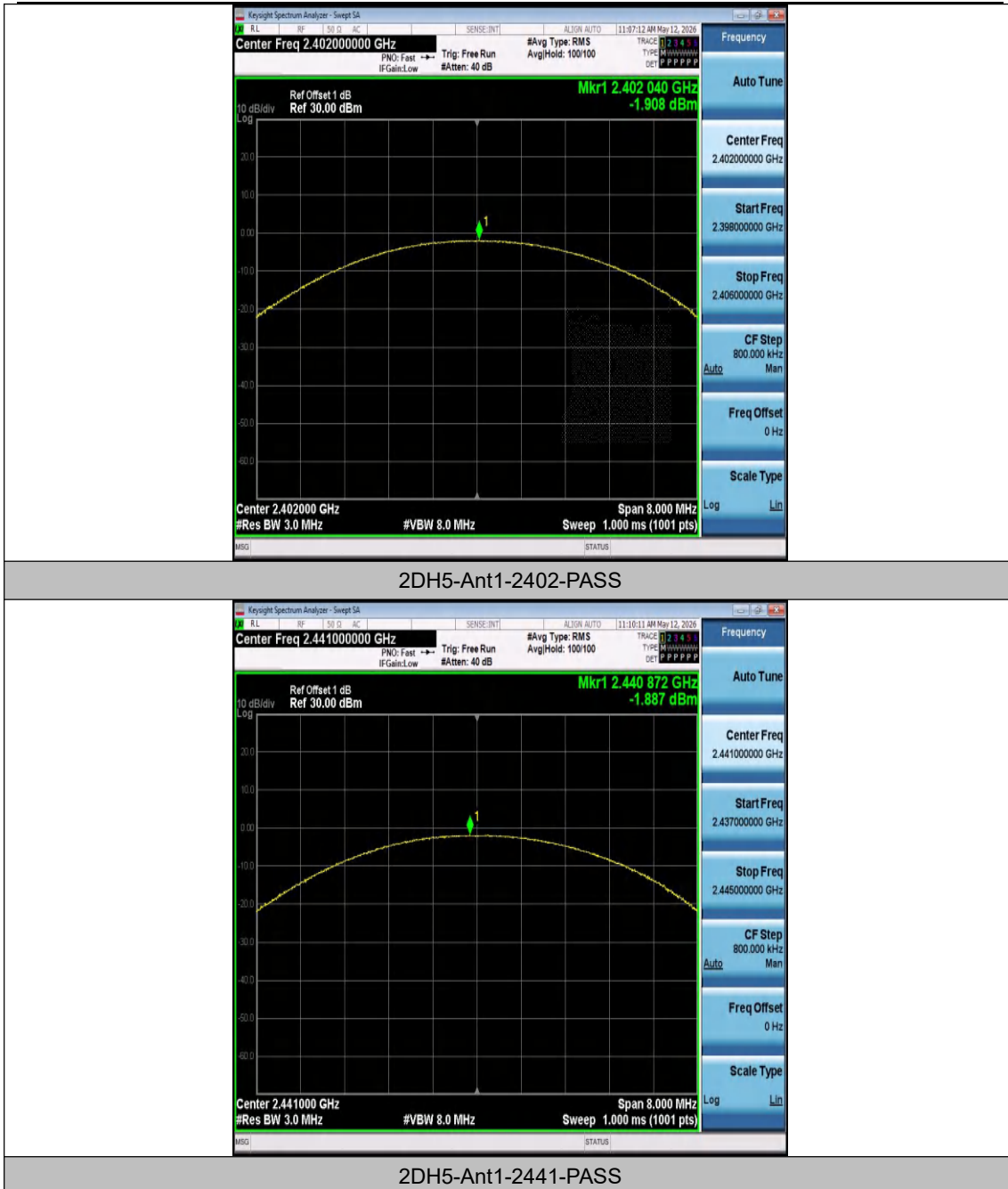
Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	-2.69	≤20.97	PASS
DH5	Ant1	2441	-2.66	≤20.97	PASS
DH5	Ant1	2480	-2.75	≤20.97	PASS
2DH5	Ant1	2402	-1.91	≤20.97	PASS
2DH5	Ant1	2441	-1.89	≤20.97	PASS
2DH5	Ant1	2480	-2.08	≤20.97	PASS
3DH5	Ant1	2402	-1.78	≤20.97	PASS
3DH5	Ant1	2441	-1.59	≤20.97	PASS
3DH5	Ant1	2480	-1.84	≤20.97	PASS

Test Graphs



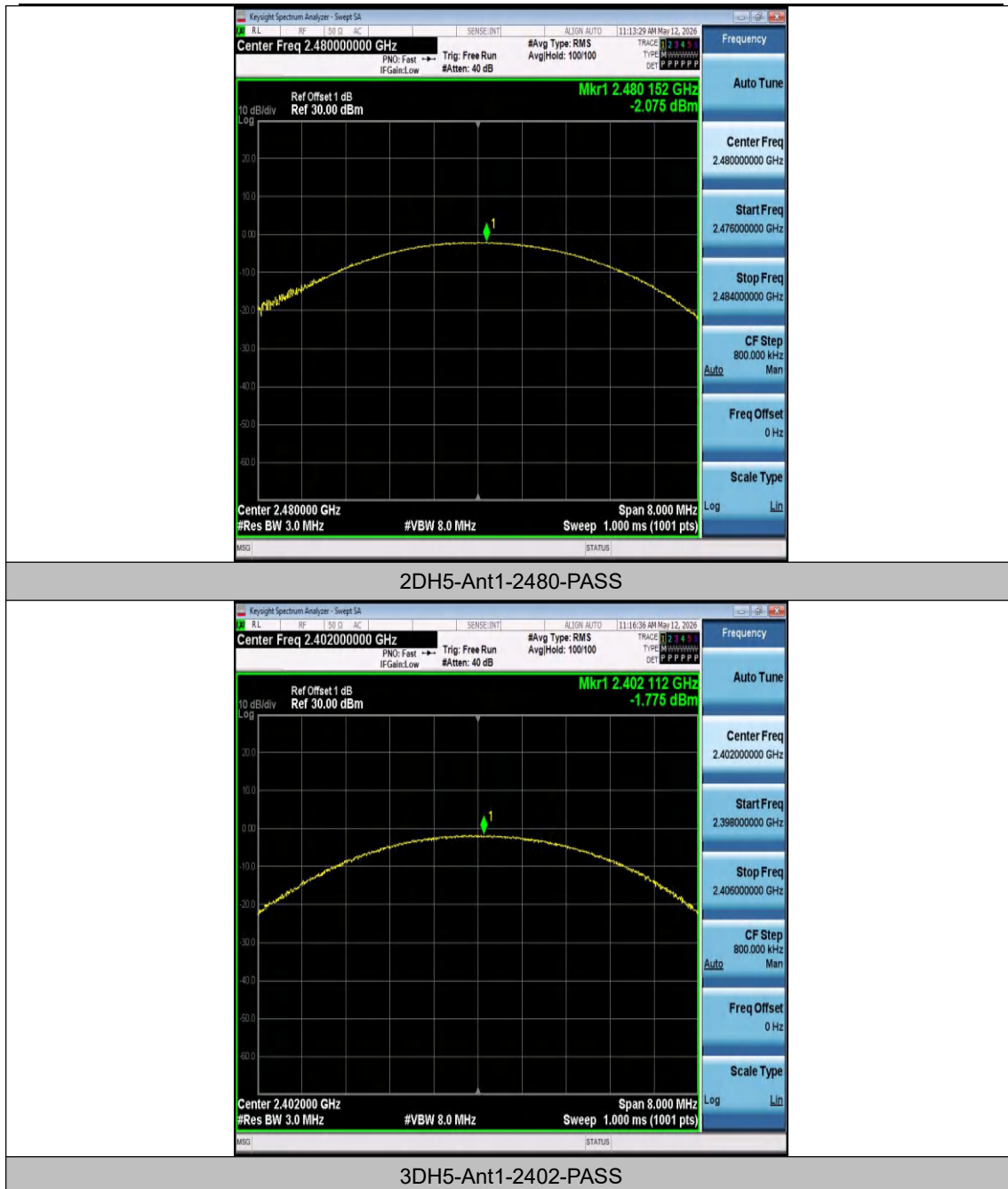




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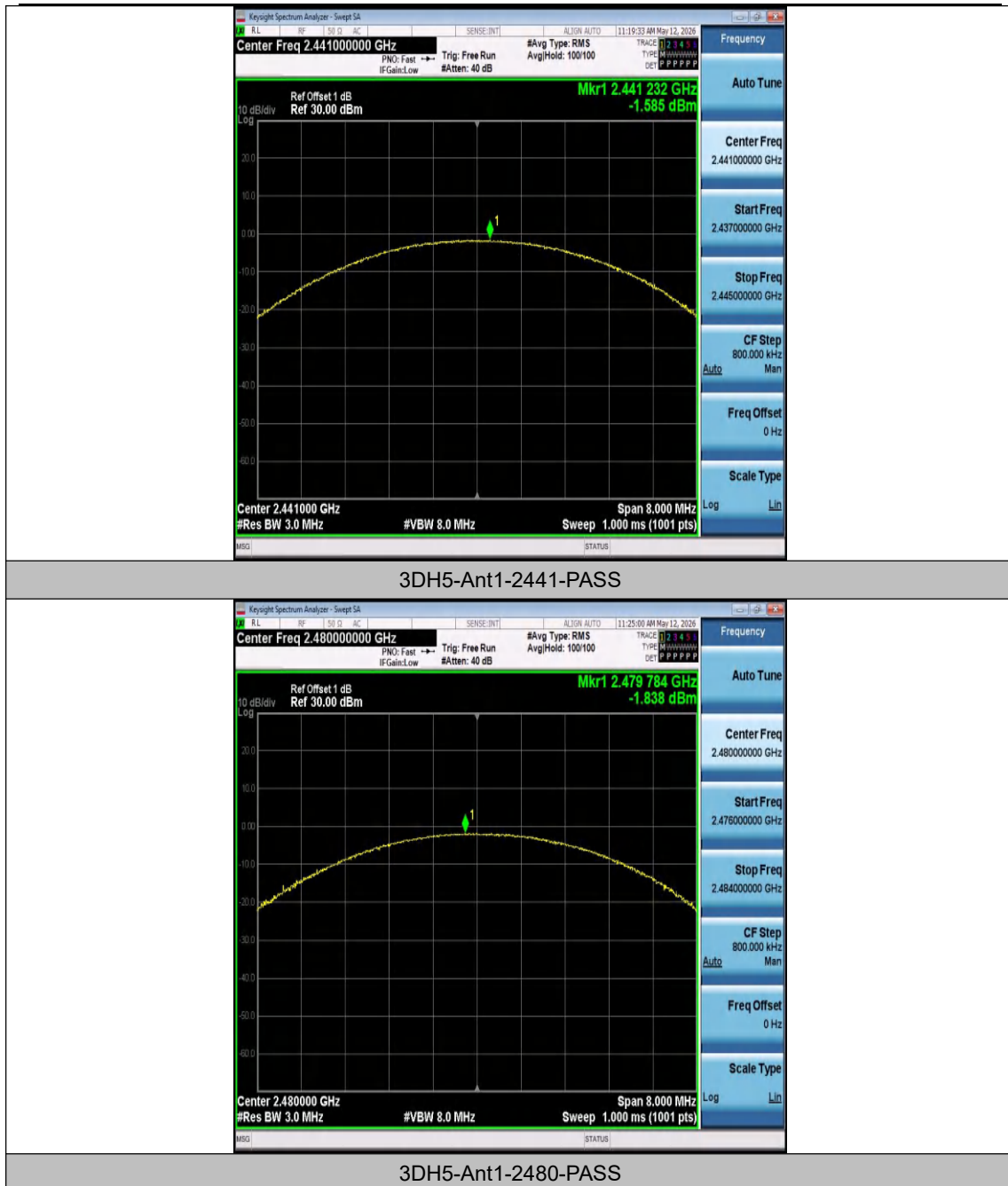
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Appendix D: Carrier frequency separation

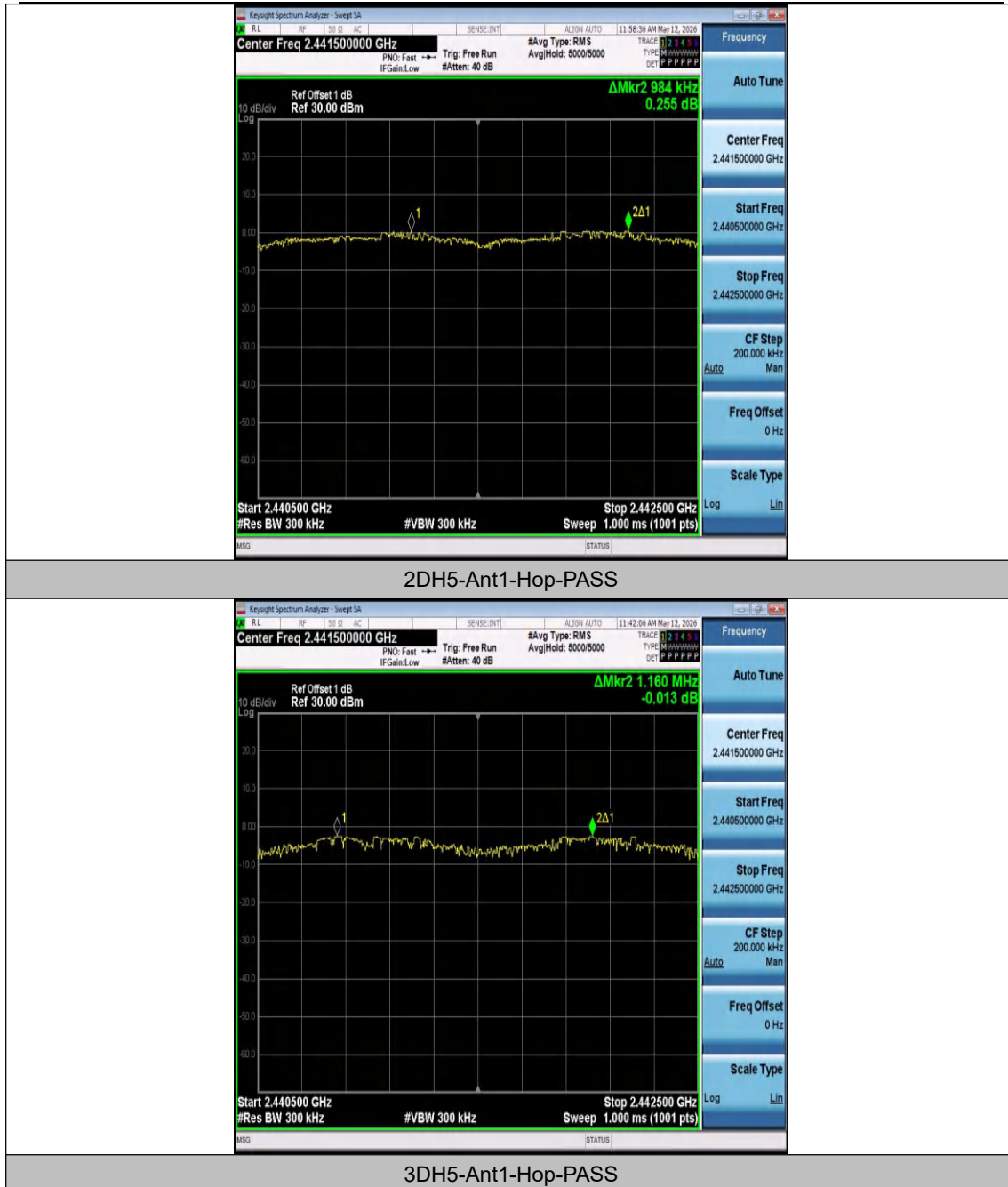
Test Result

Test Mode	Antenna	Frequency [MHz]	Result [MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.01	≥ 0.678	PASS
2DH5	Ant1	Hop	0.984	≥ 0.880	PASS
3DH5	Ant1	Hop	1.16	≥ 0.882	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



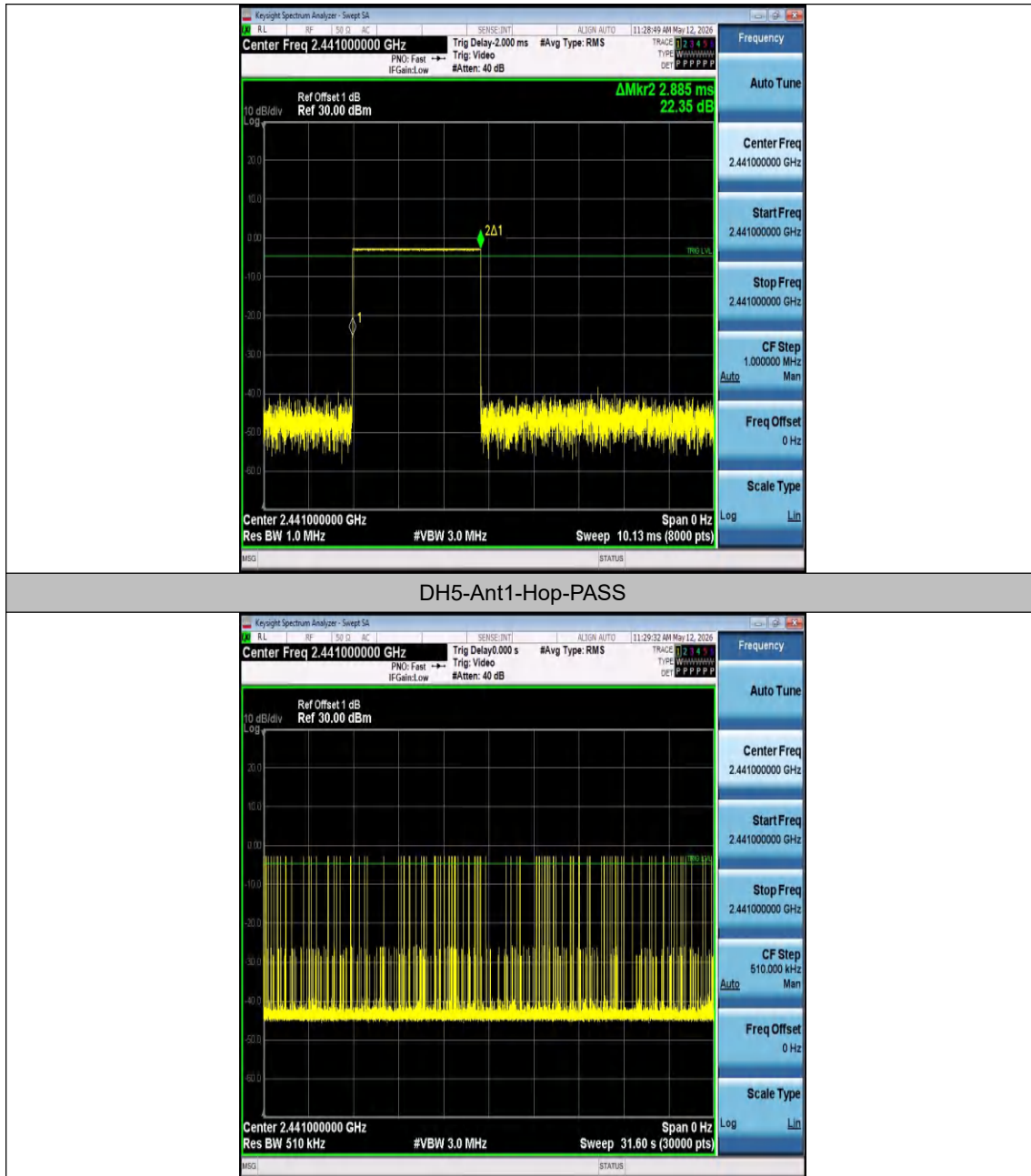


Appendix E: Dwell Time

Test Result

Test Mode	Antenna	Frequency [MHz]	Burst Width [ms]	Total Hops [Num]	Result [s]	Limit [s]	Verdict
DH5	Ant1	Hop	2.885	108	0.312	≤0.4	PASS
2DH5	Ant1	Hop	2.891	117	0.338	≤0.4	PASS
3DH5	Ant1	Hop	2.889	112	0.324	≤0.4	PASS

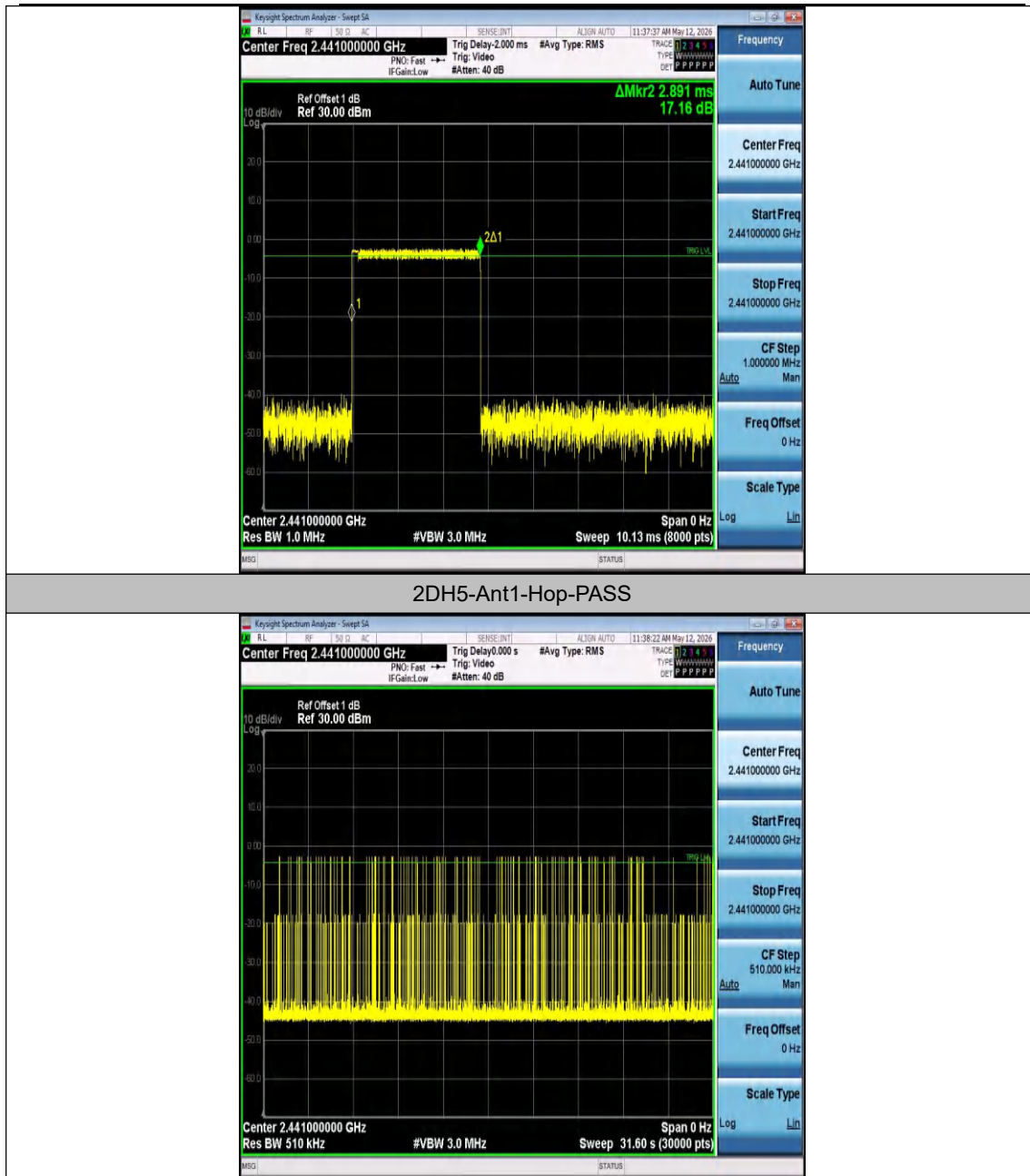
Test Graphs



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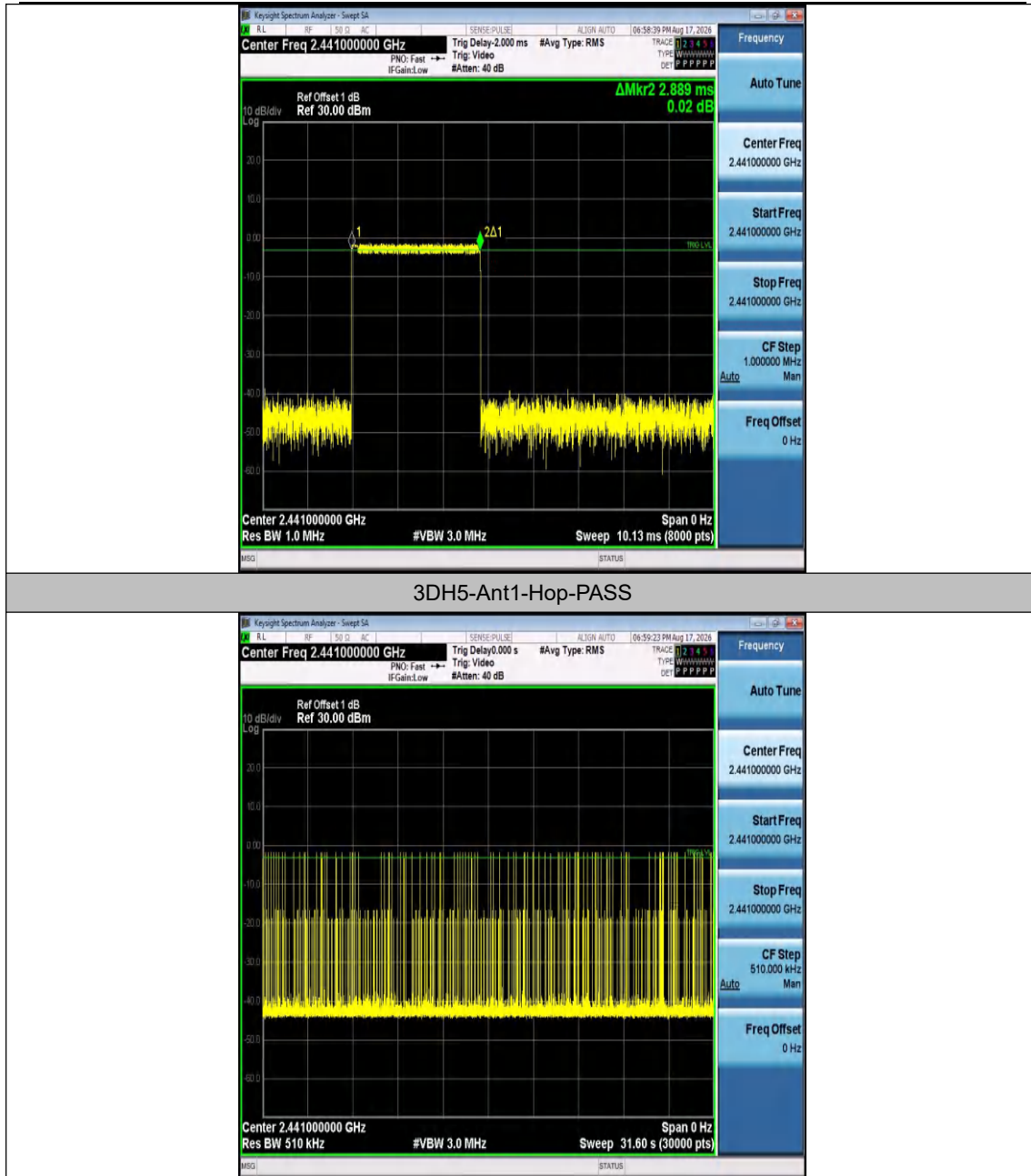
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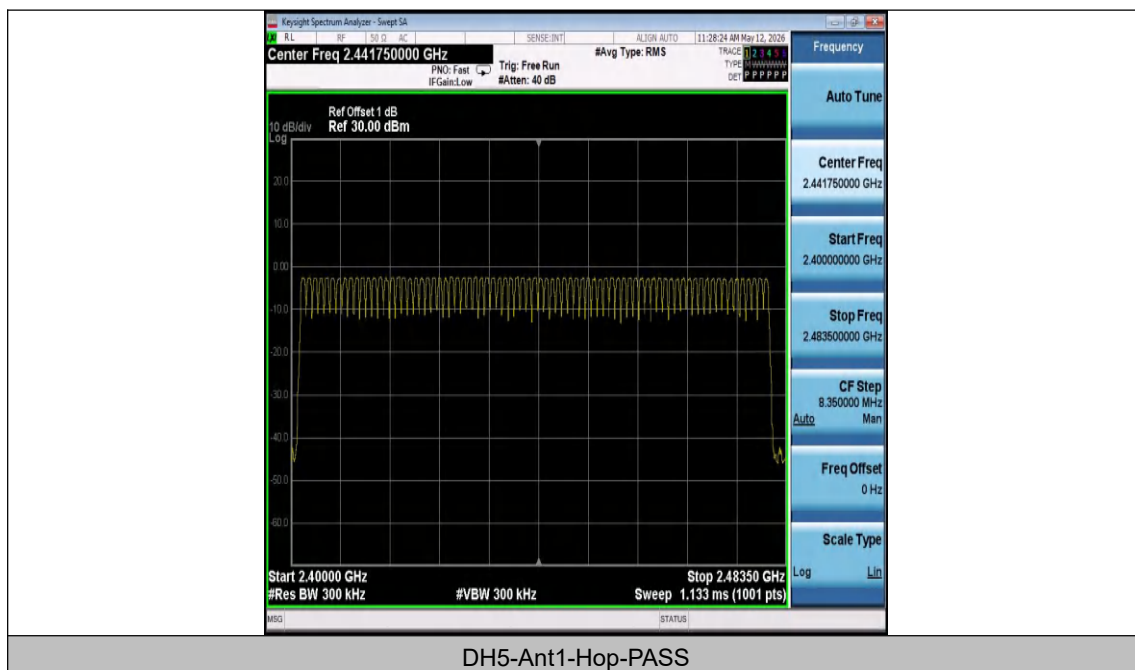
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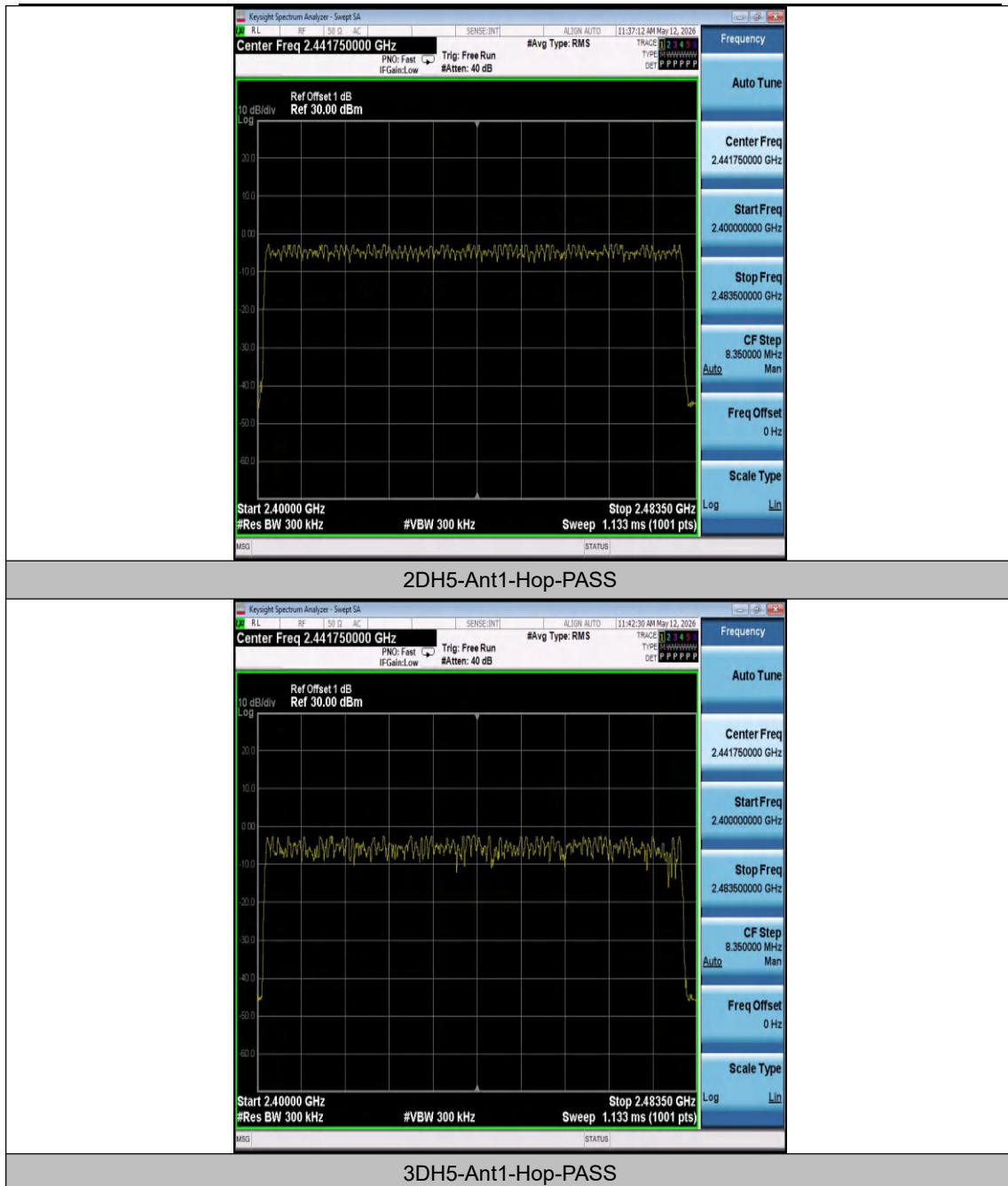
Appendix F: Number of Hopping Channel

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

Test Graphs



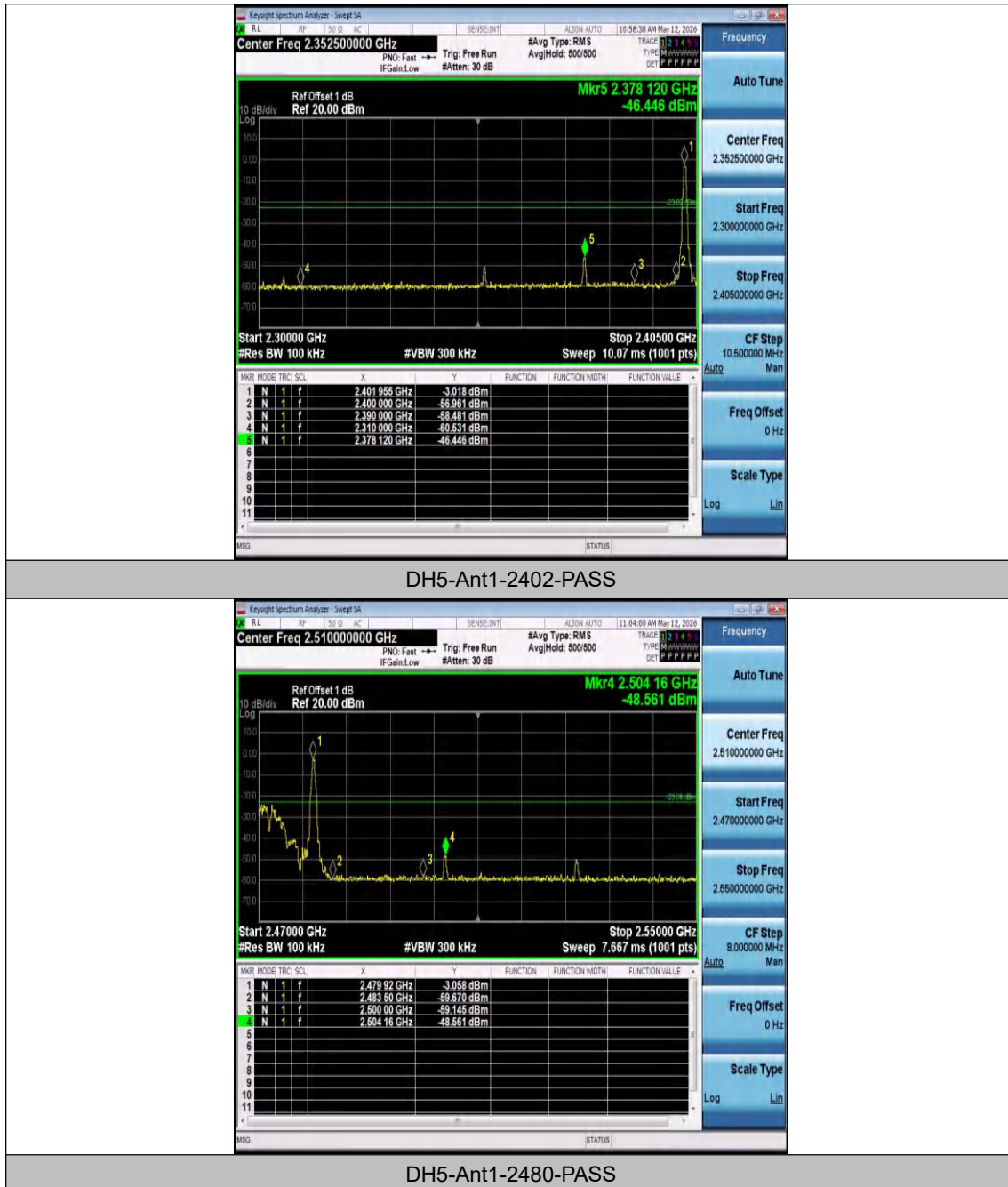


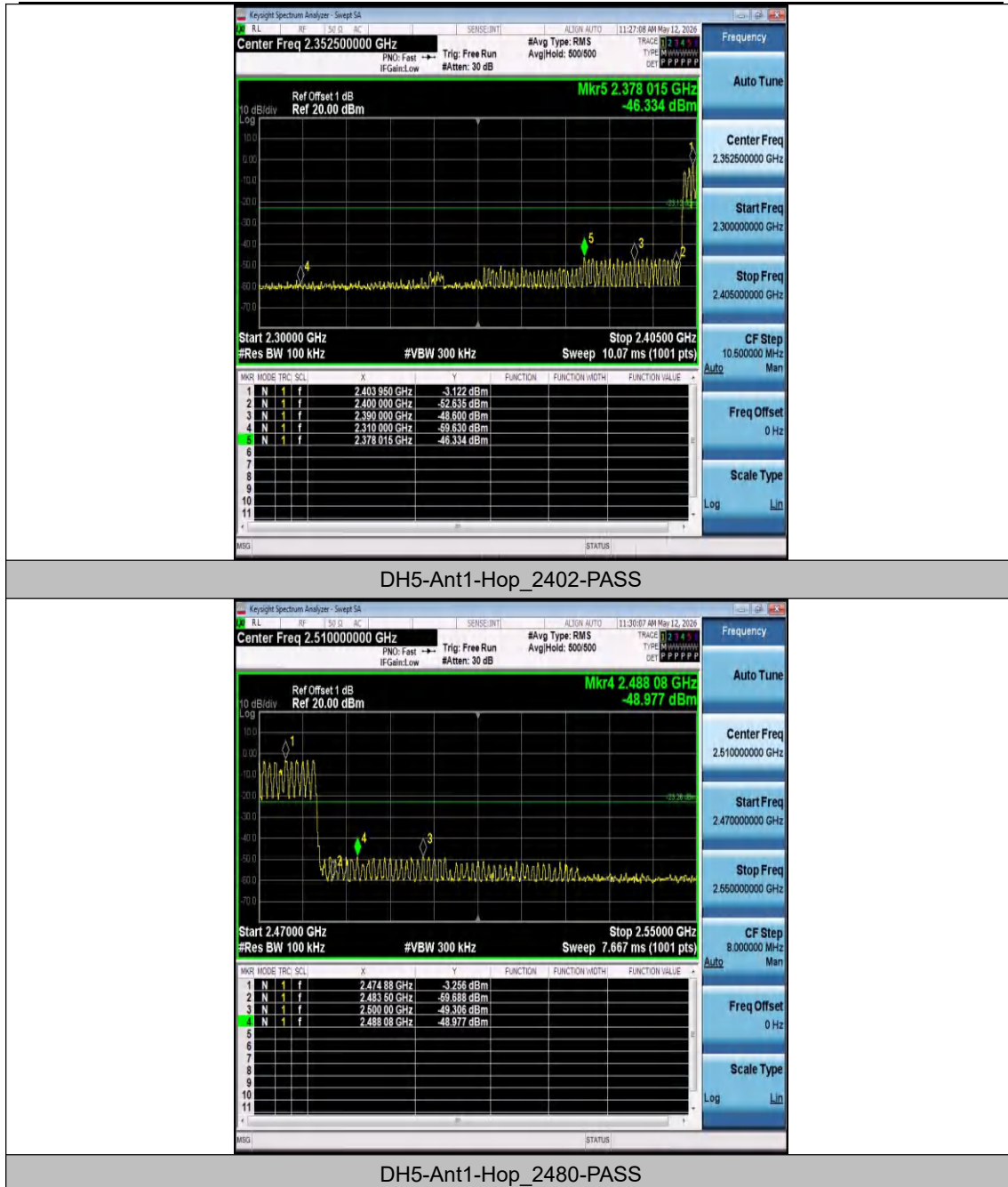
Appendix G: Conducted Band edge

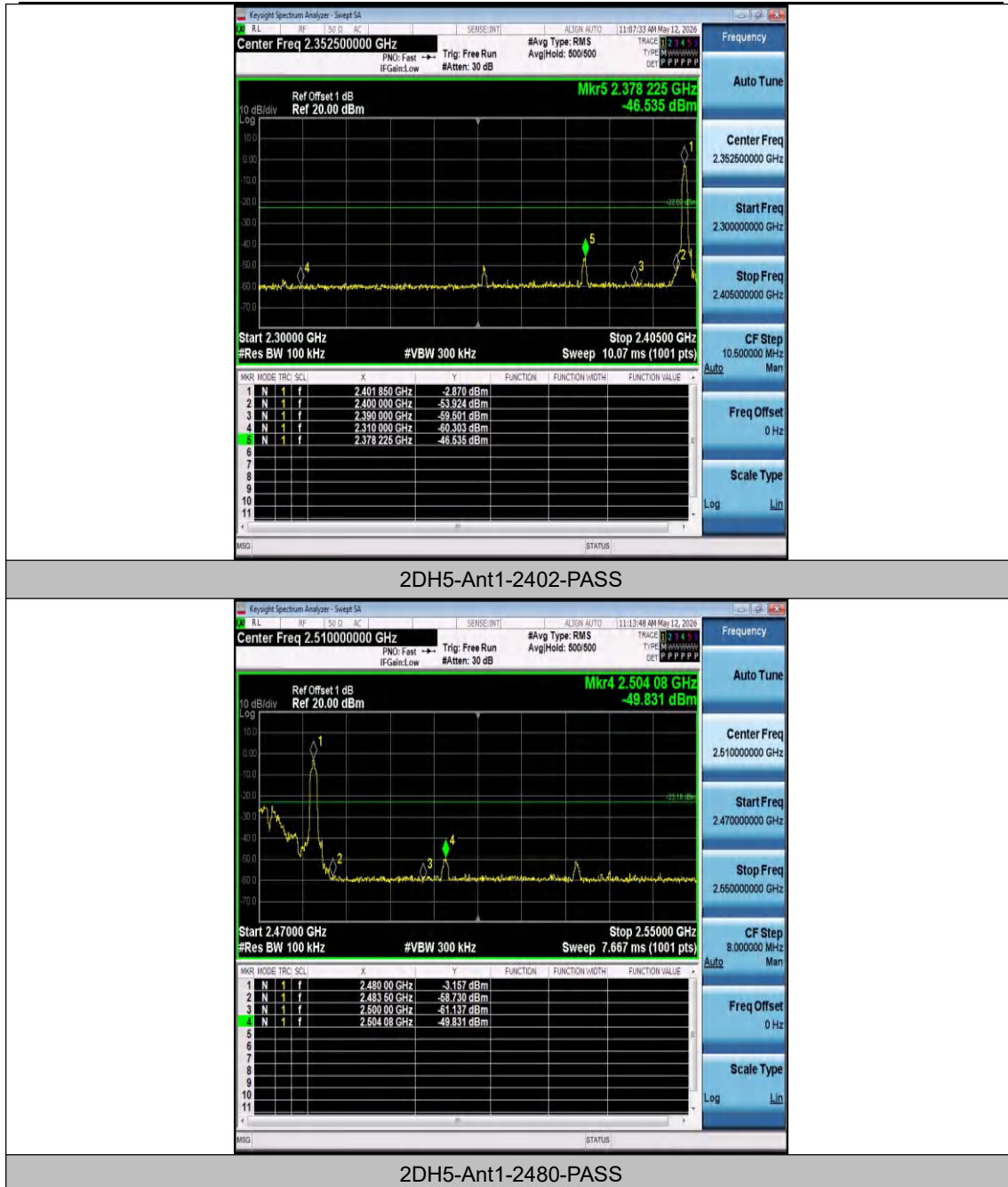
Test Result

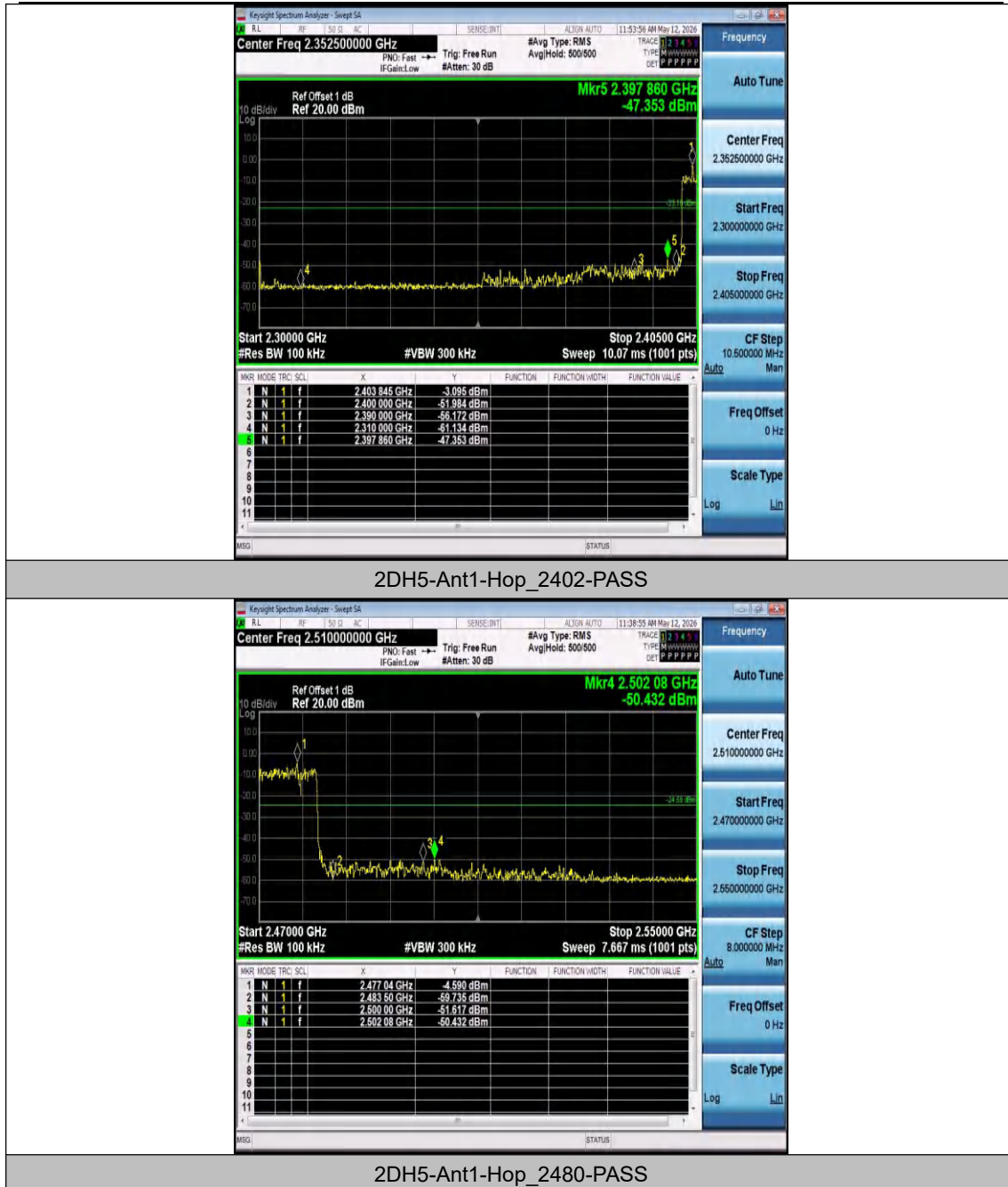
Test Mode	Antenna	Ch. Name	Frequency [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-3.02	-46.45	≤-23.02	PASS
DH5	Ant1	High	2480	-3.06	-48.56	≤-23.06	PASS
DH5	Ant1	Low	Hop_2402	-3.12	-46.33	≤-23.12	PASS
DH5	Ant1	High	Hop_2480	-3.26	-48.98	≤-23.26	PASS
2DH5	Ant1	Low	2402	-2.87	-46.54	≤-22.87	PASS
2DH5	Ant1	High	2480	-3.16	-49.83	≤-23.16	PASS
2DH5	Ant1	Low	Hop_2402	-3.10	-47.35	≤-23.1	PASS
2DH5	Ant1	High	Hop_2480	-4.59	-50.43	≤-24.59	PASS
3DH5	Ant1	Low	2402	-2.75	-46.4	≤-22.75	PASS
3DH5	Ant1	High	2480	-2.82	-26.14	≤-22.82	PASS
3DH5	Ant1	Low	Hop_2402	-6.72	-48.57	≤-26.72	PASS
3DH5	Ant1	High	Hop_2480	-3.28	-44.85	≤-23.28	PASS

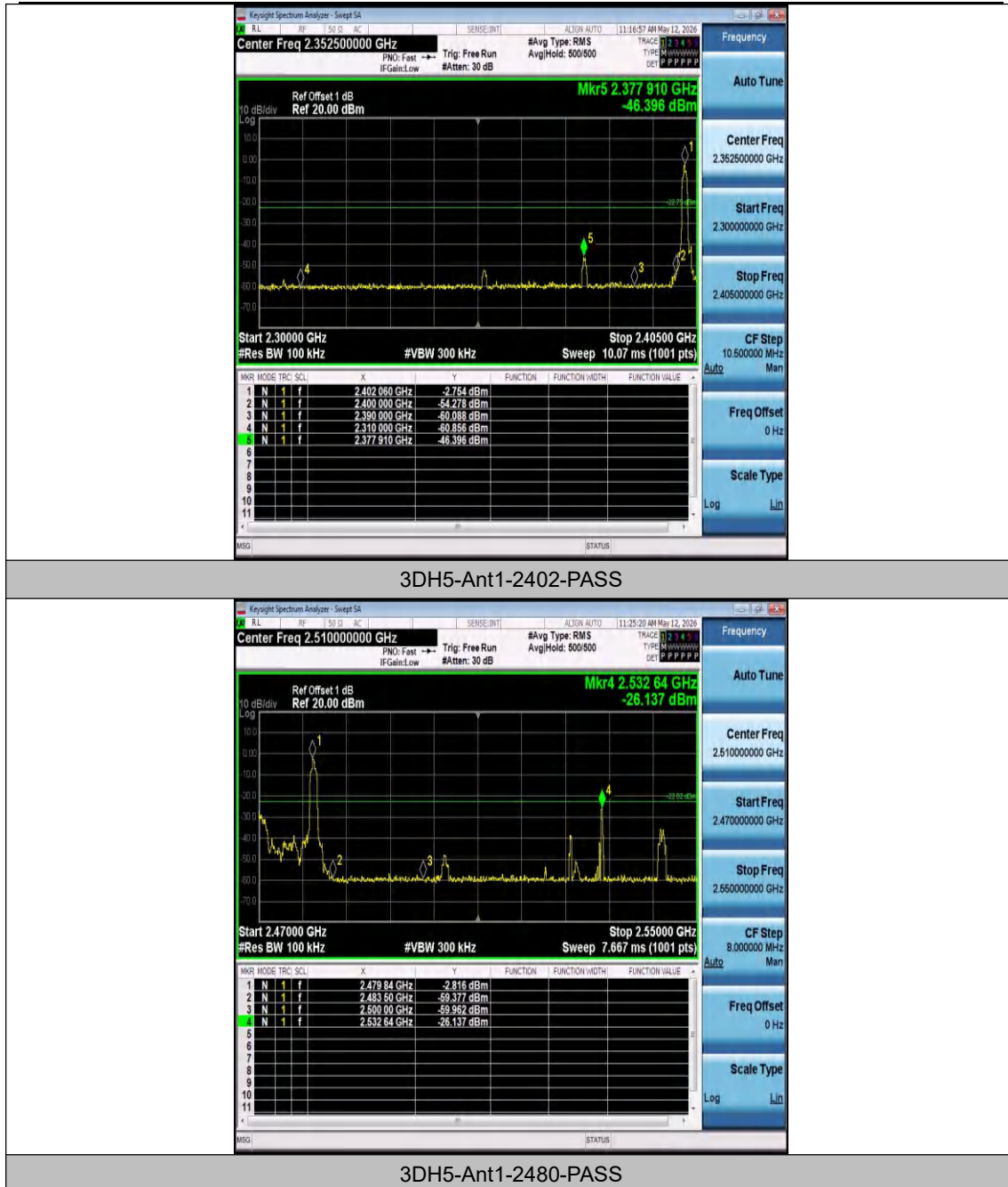
Test Graphs

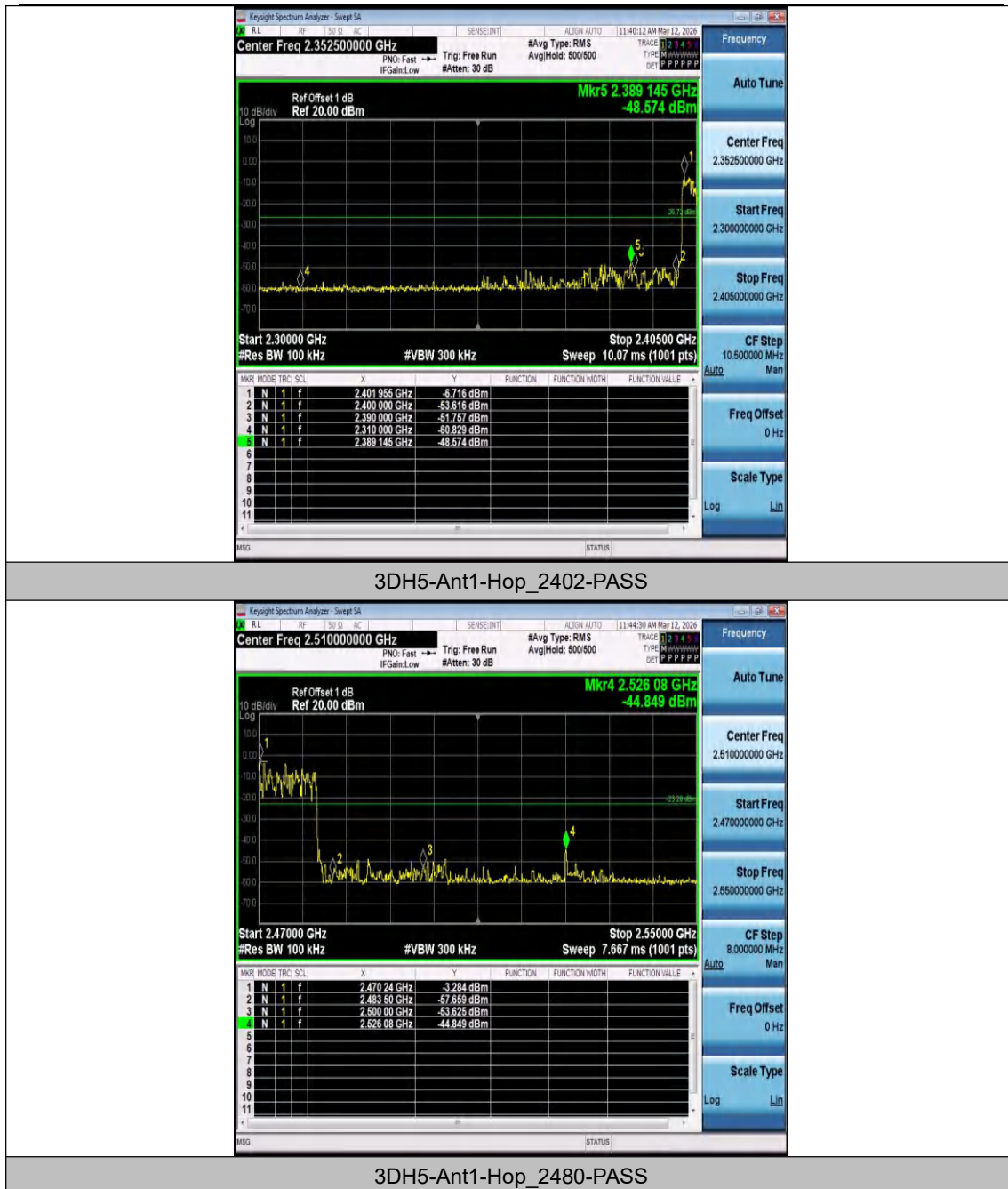












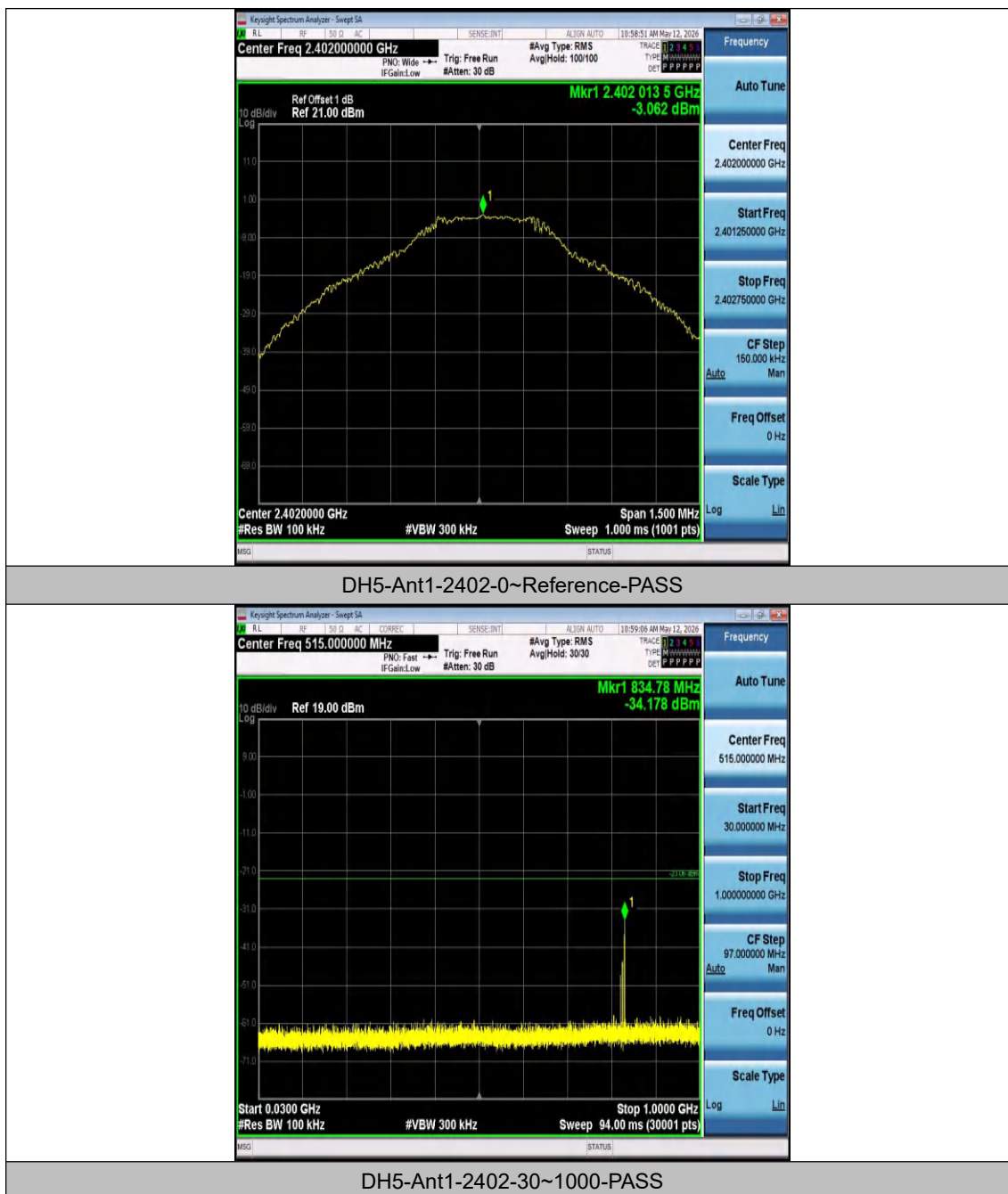
Appendix H: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency[MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	0~Reference	-3.06	-3.06	---	PASS
DH5	Ant1	2402	30~1000	-3.06	-34.18	≤-23.06	PASS
DH5	Ant1	2402	1000~26500	-3.06	-44.78	≤-23.06	PASS
DH5	Ant1	2441	0~Reference	-2.91	-2.91	---	PASS
DH5	Ant1	2441	30~1000	-2.91	-57.8	≤-22.91	PASS
DH5	Ant1	2441	1000~26500	-2.91	-47.6	≤-22.91	PASS
DH5	Ant1	2480	0~Reference	-3.14	-3.14	---	PASS
DH5	Ant1	2480	30~1000	-3.14	-59.17	≤-23.14	PASS
DH5	Ant1	2480	1000~26500	-3.14	-45.24	≤-23.14	PASS
2DH5	Ant1	2402	0~Reference	-2.99	-2.99	---	PASS
2DH5	Ant1	2402	30~1000	-2.99	-59.14	≤-22.99	PASS
2DH5	Ant1	2402	1000~26500	-2.99	-38.64	≤-22.99	PASS
2DH5	Ant1	2441	0~Reference	-2.98	-2.98	---	PASS
2DH5	Ant1	2441	30~1000	-2.98	-58.99	≤-22.98	PASS
2DH5	Ant1	2441	1000~26500	-2.98	-43.35	≤-22.98	PASS
2DH5	Ant1	2480	0~Reference	-3.02	-3.02	---	PASS
2DH5	Ant1	2480	30~1000	-3.02	-58.72	≤-23.02	PASS
2DH5	Ant1	2480	1000~26500	-3.02	-40.47	≤-23.02	PASS
3DH5	Ant1	2402	0~Reference	-2.74	-2.74	---	PASS
3DH5	Ant1	2402	30~1000	-2.74	-59.39	≤-22.74	PASS
3DH5	Ant1	2402	1000~26500	-2.74	-43.23	≤-22.74	PASS
3DH5	Ant1	2441	0~Reference	-2.81	-2.81	---	PASS
3DH5	Ant1	2441	30~1000	-2.81	-58.23	≤-22.81	PASS
3DH5	Ant1	2441	1000~26500	-2.81	-43.06	≤-22.81	PASS
3DH5	Ant1	2480	0~Reference	-2.84	-2.84	---	PASS
3DH5	Ant1	2480	30~1000	-2.84	-59.13	≤-22.84	PASS
3DH5	Ant1	2480	1000~26500	-2.84	-46.82	≤-22.84	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.

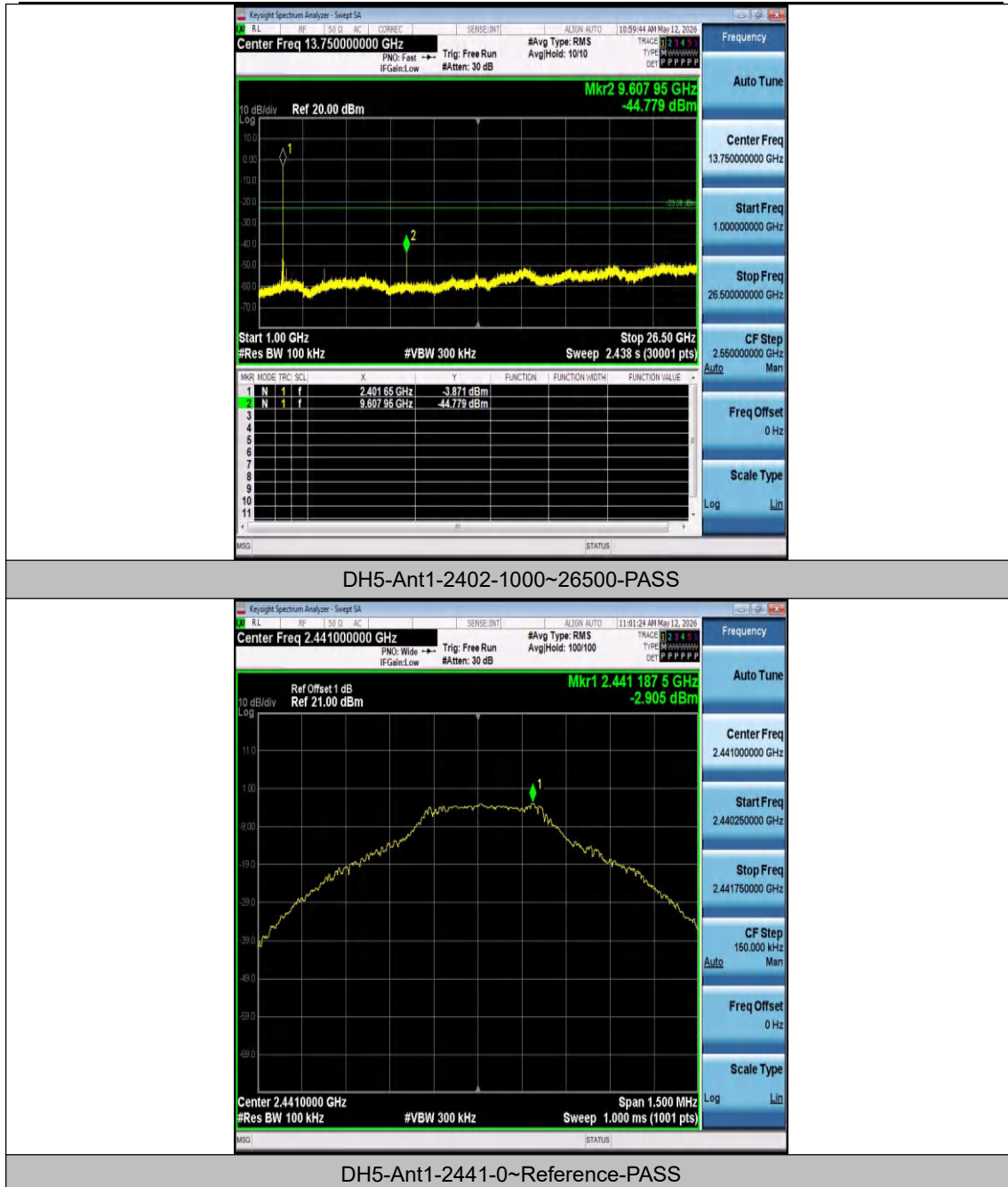
Test Graphs



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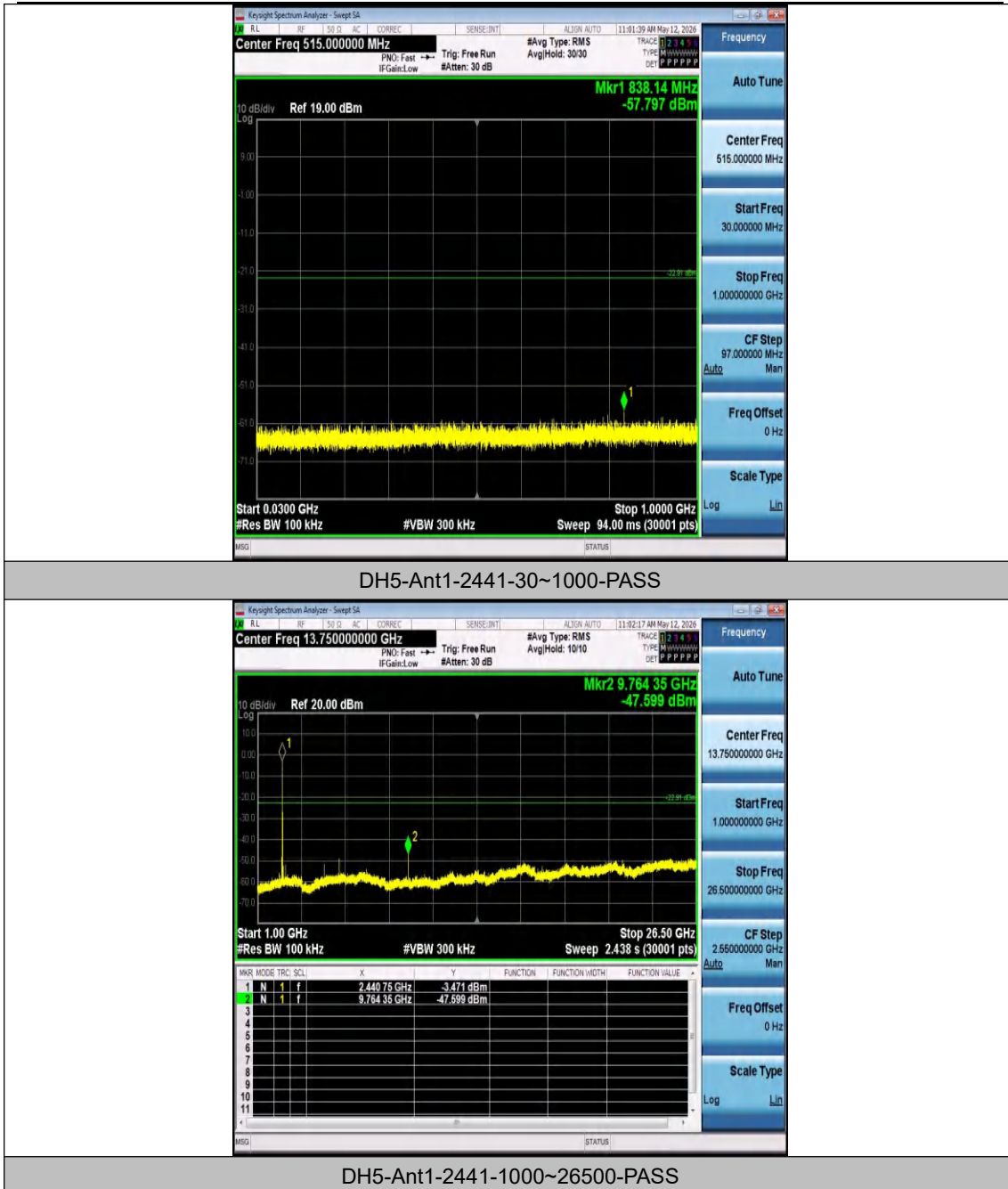
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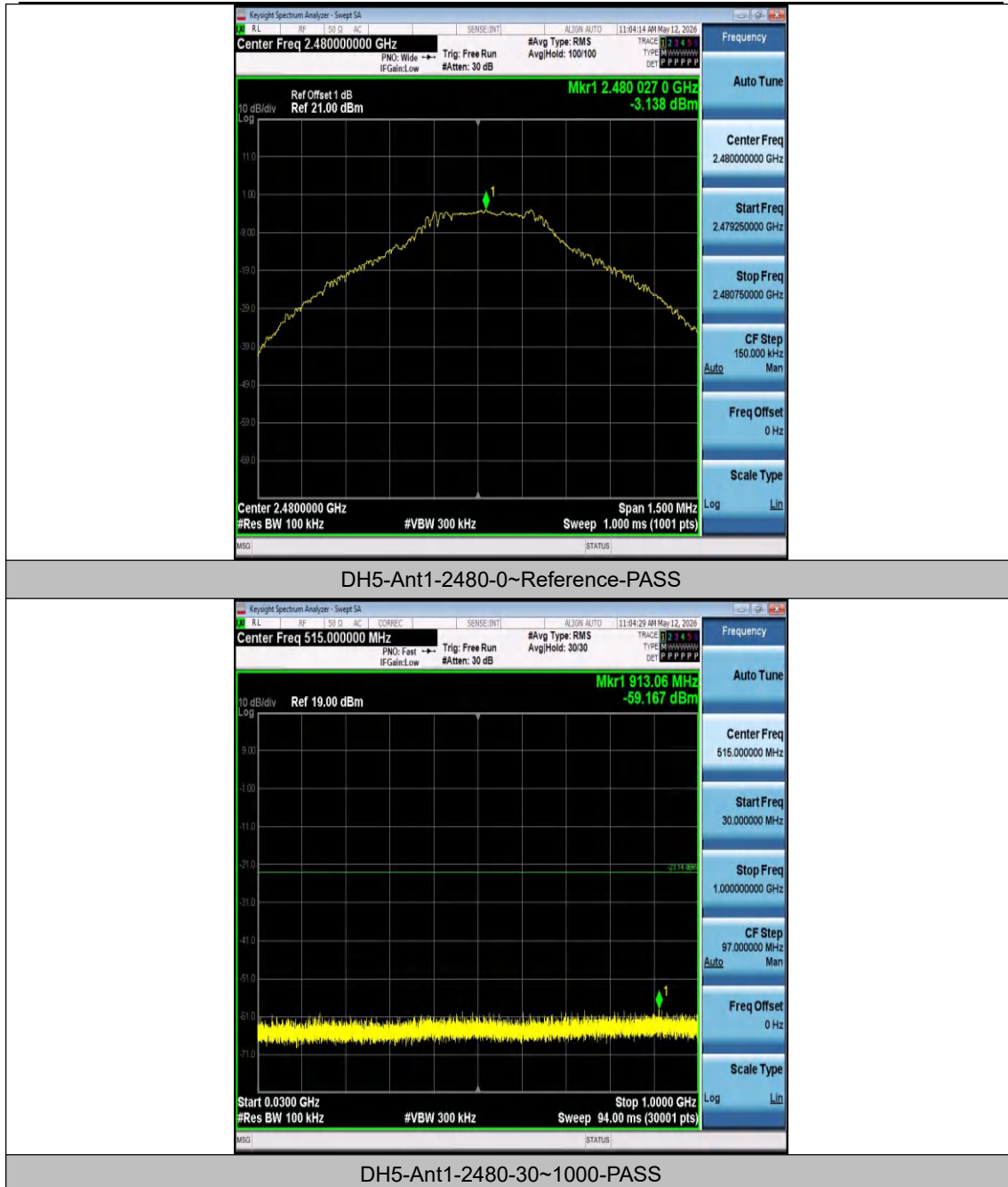


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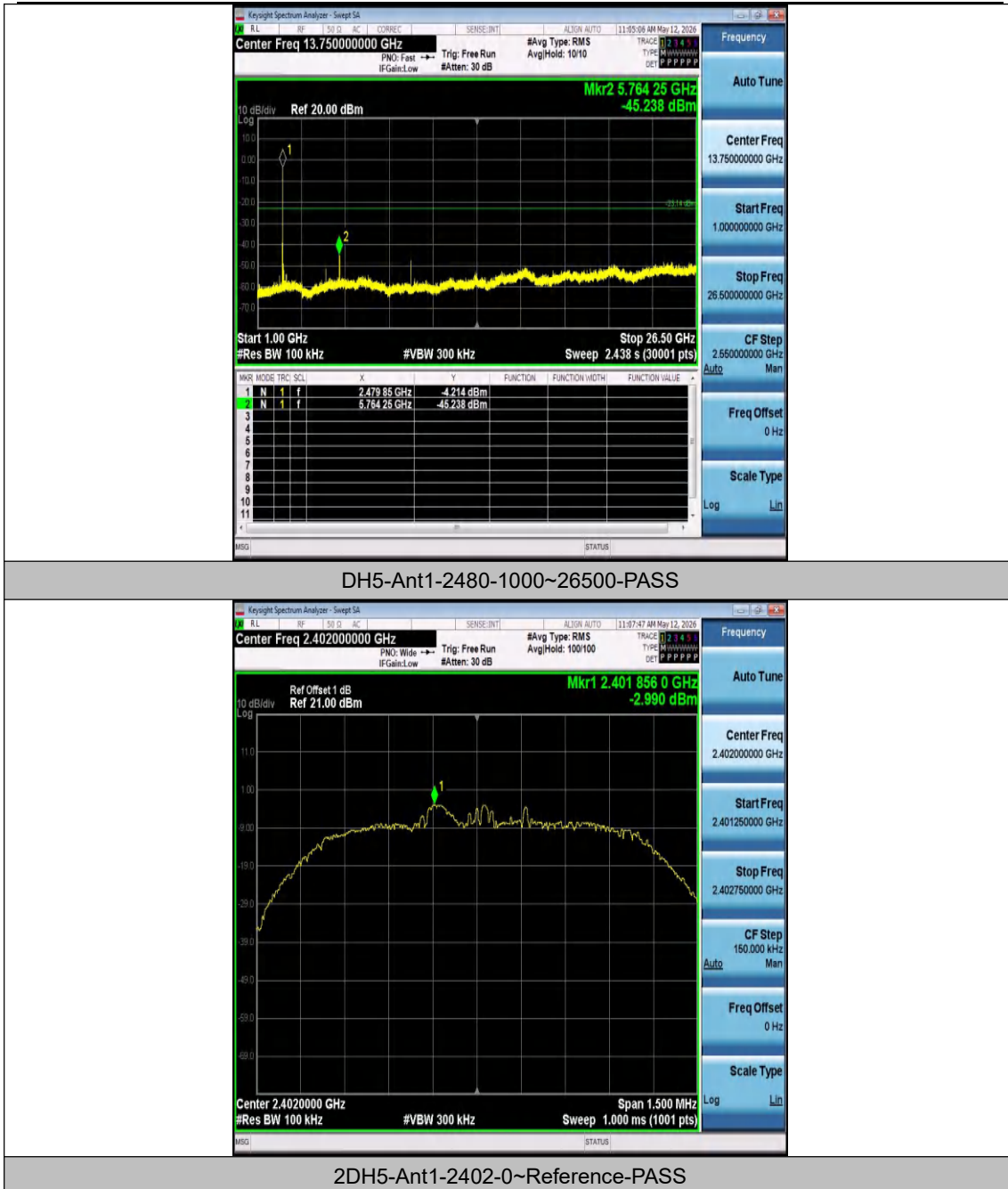




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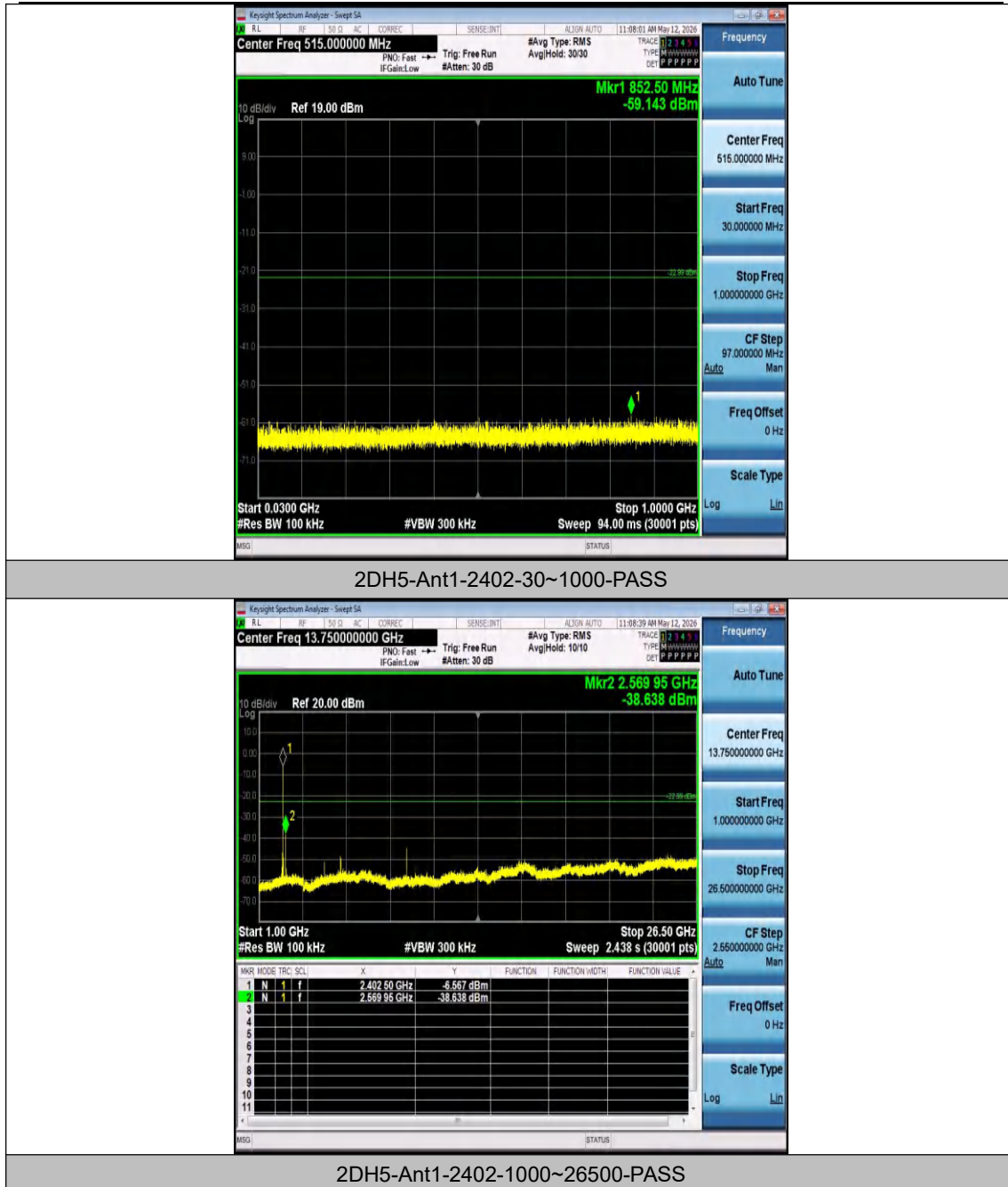
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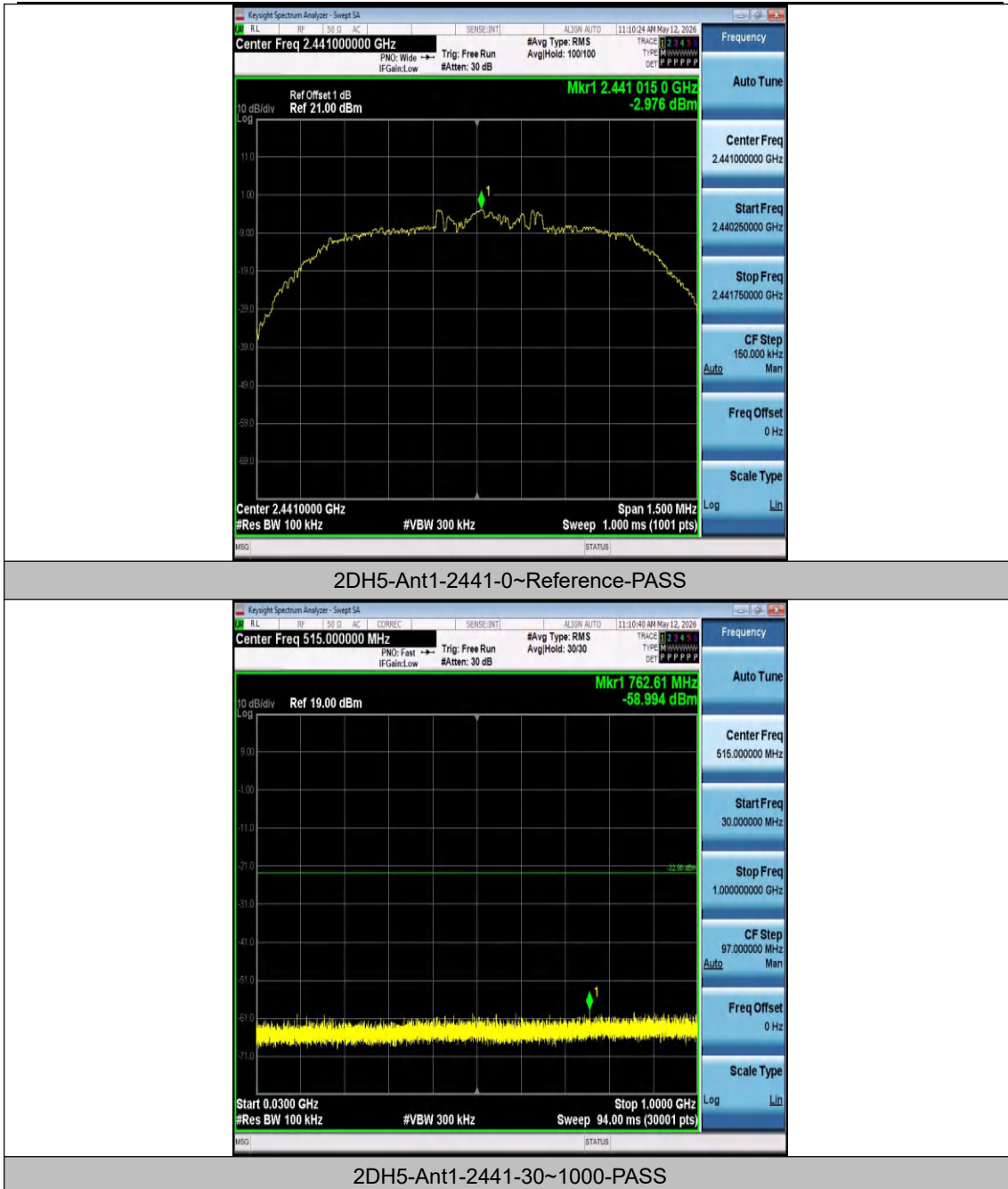
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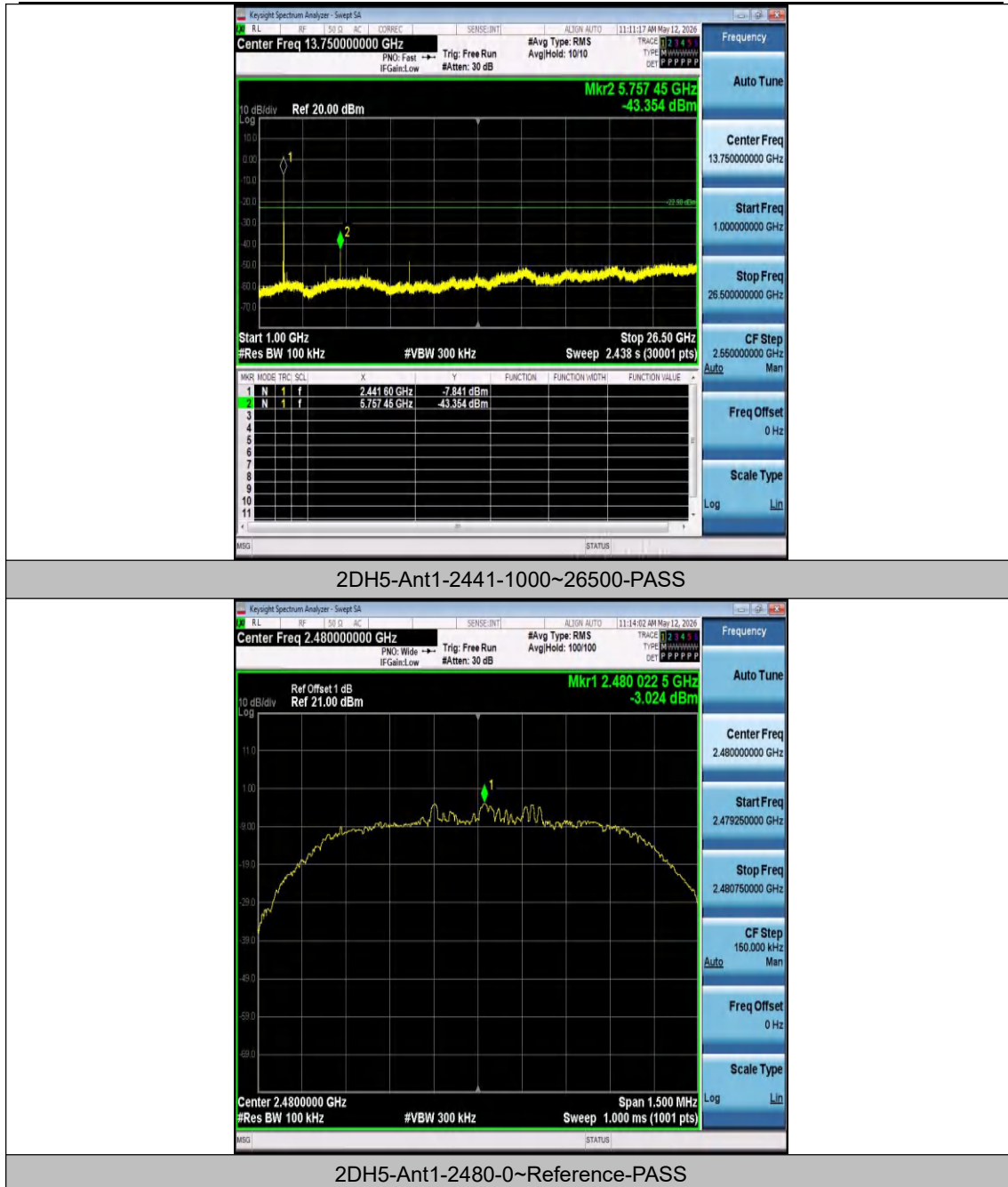
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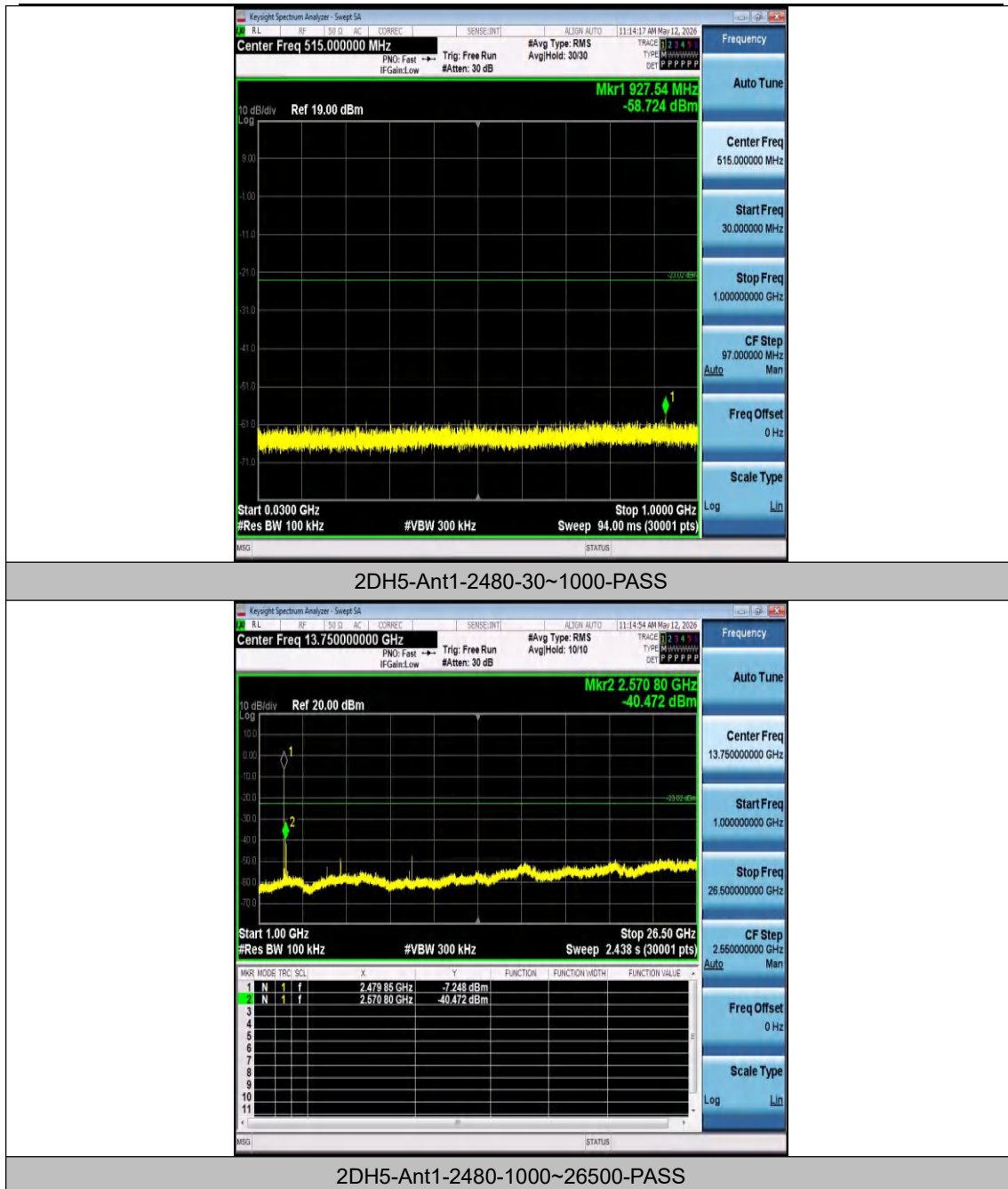


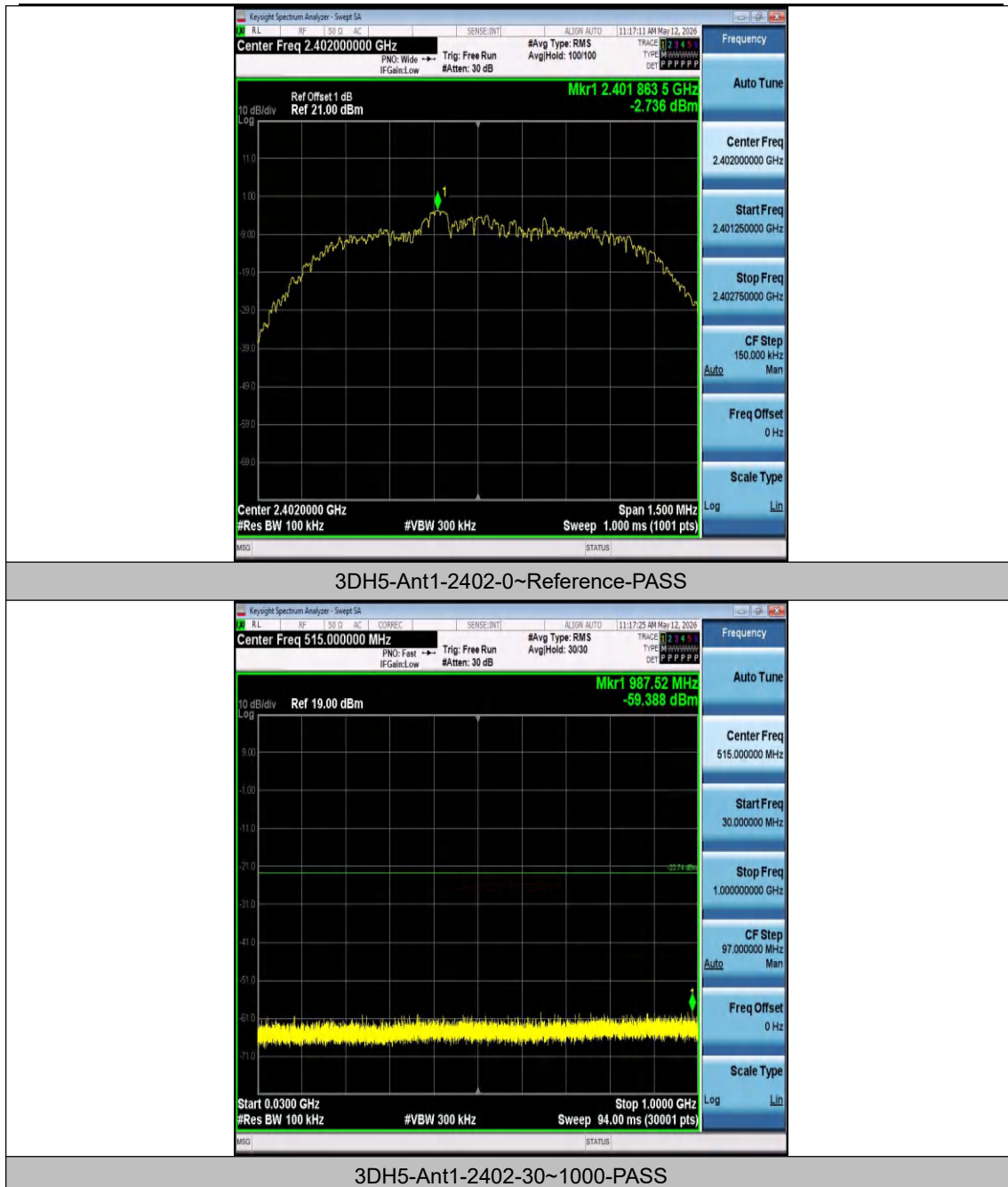
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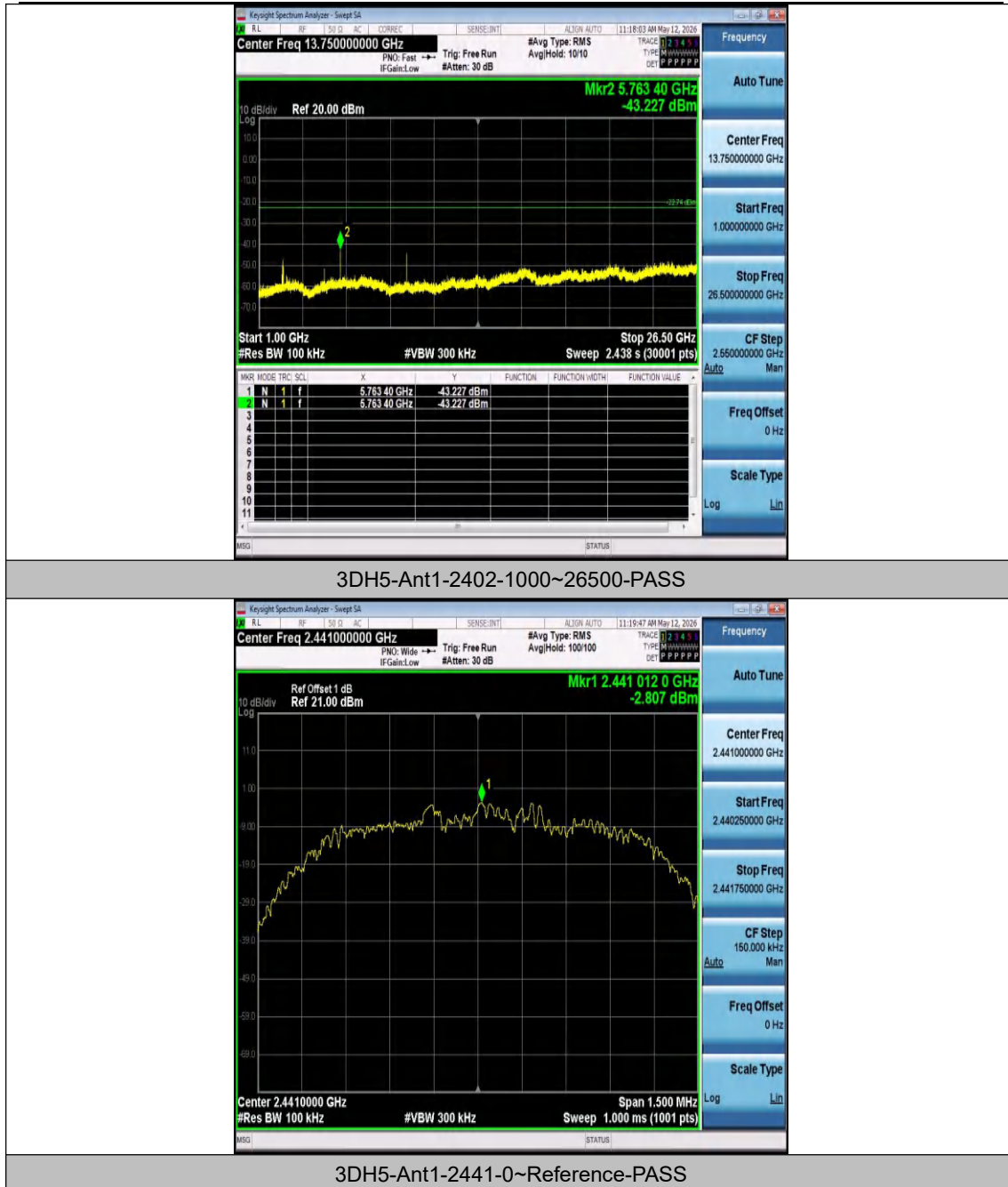




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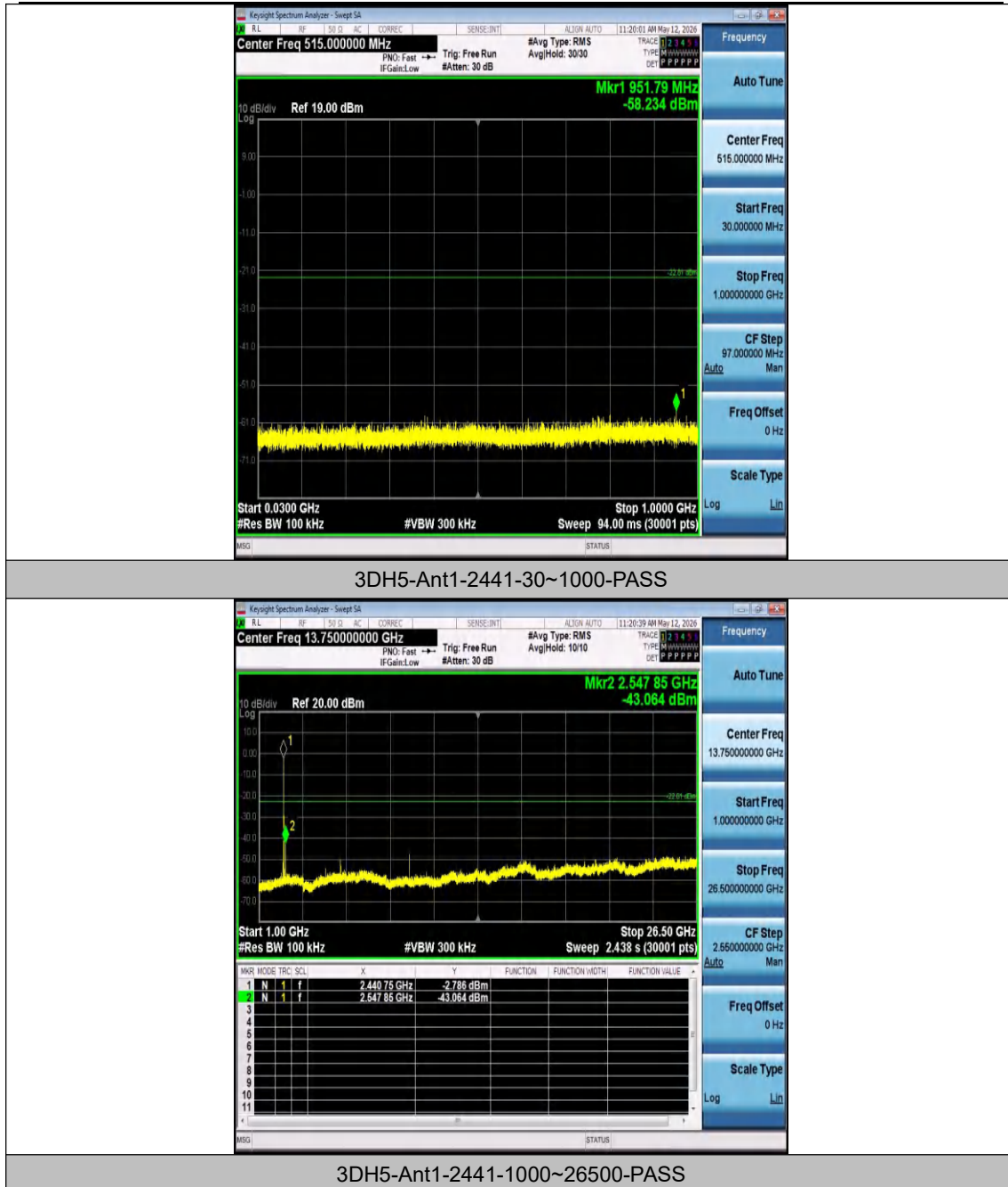
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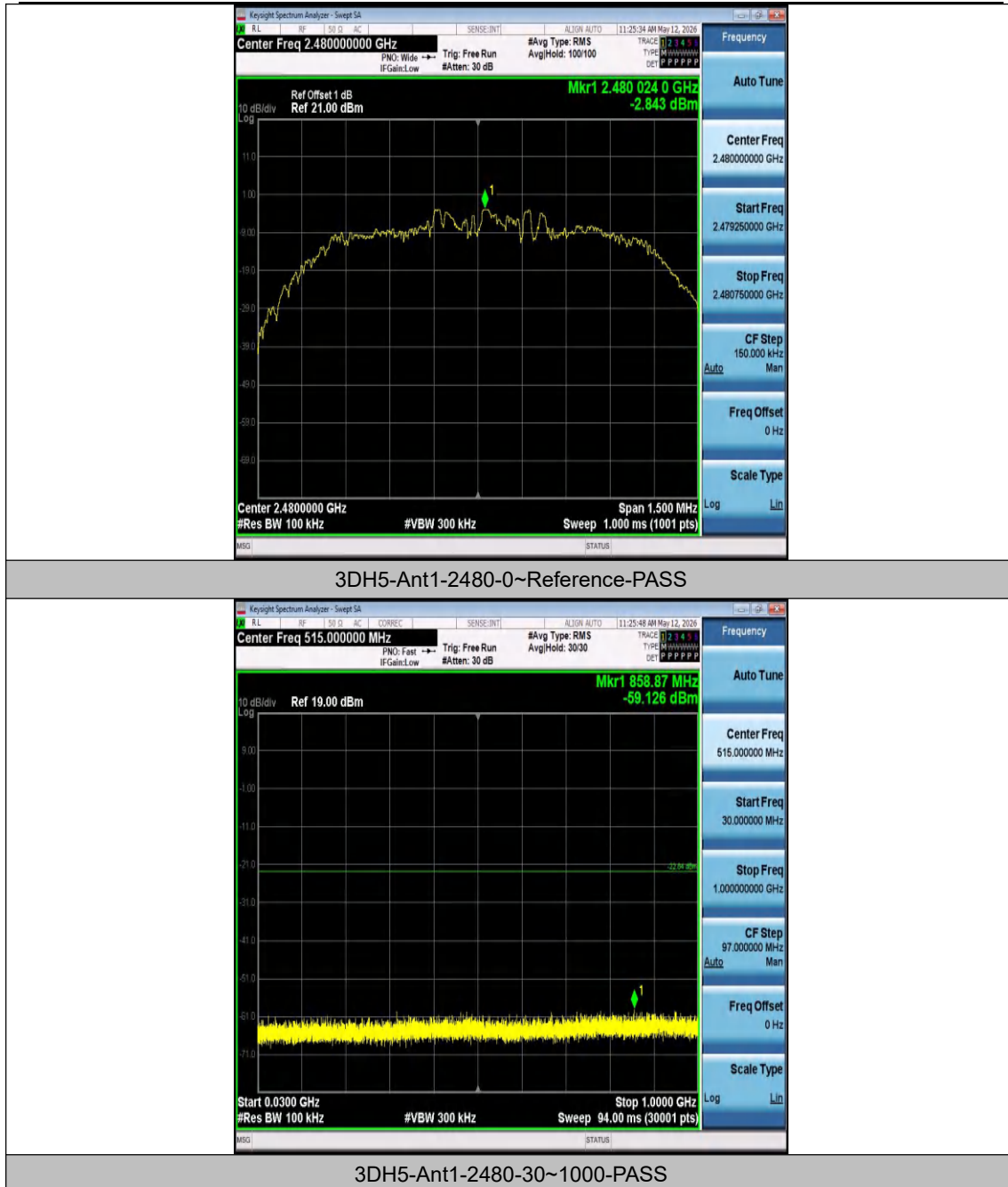
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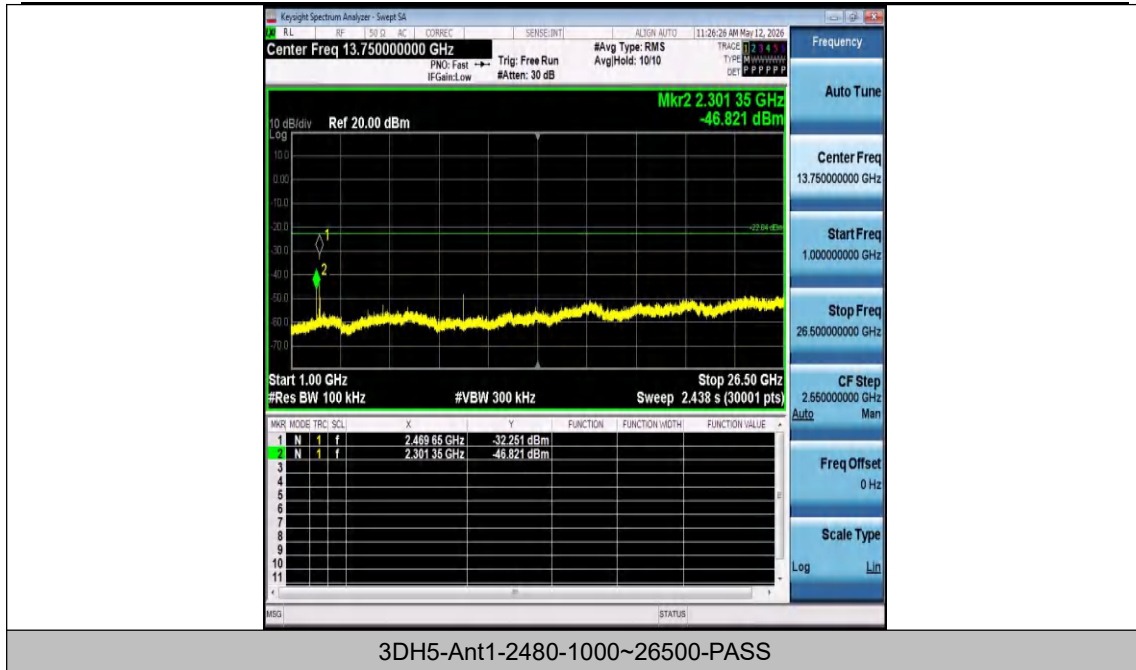
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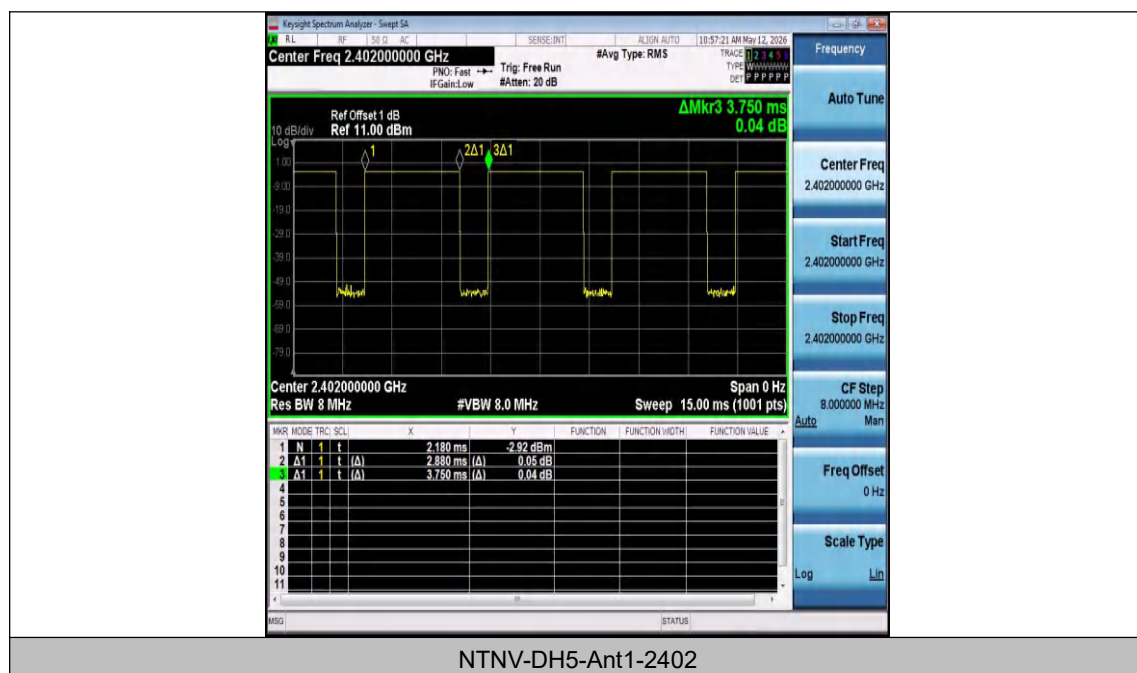
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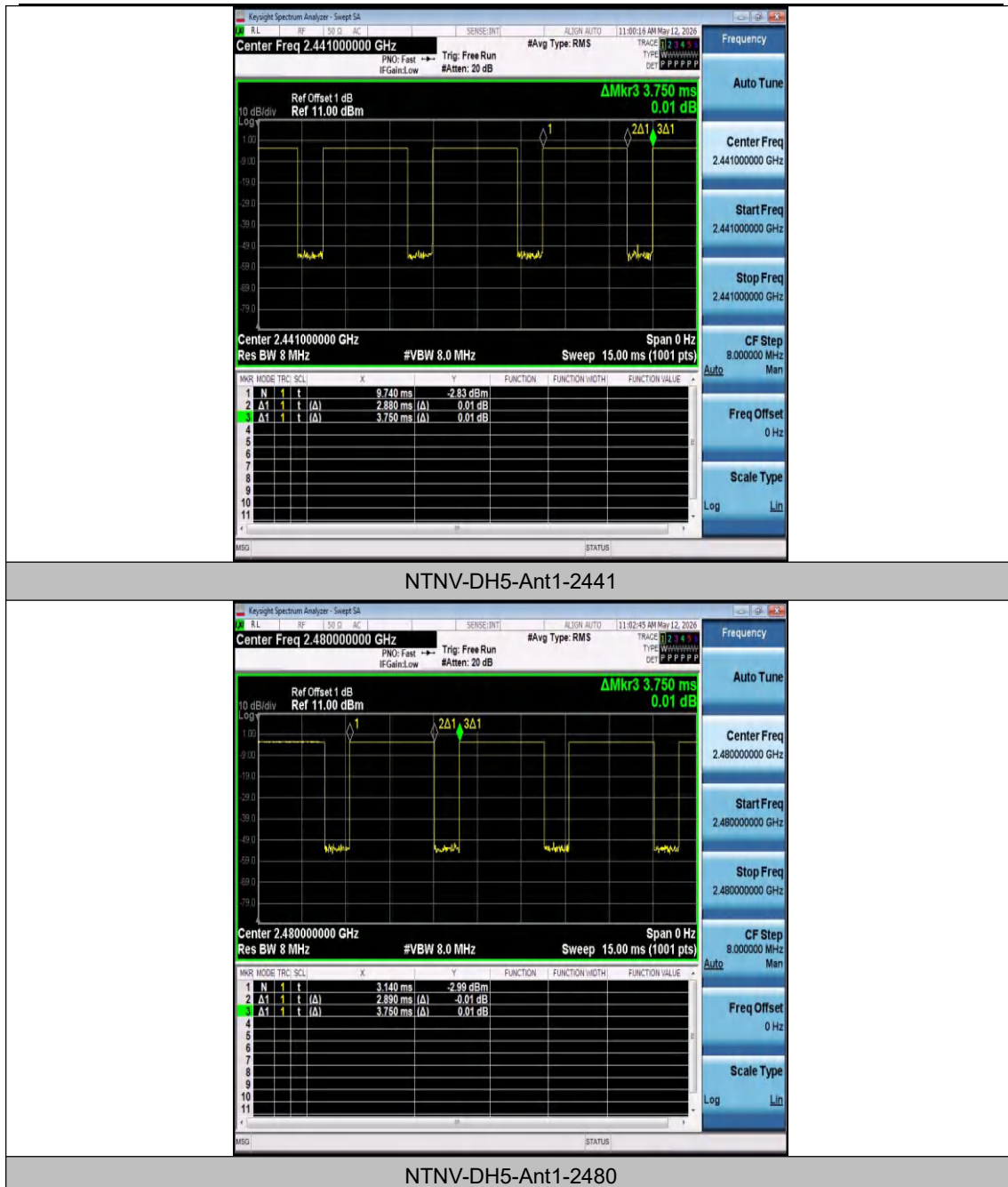
Appendix I: Duty Cycle

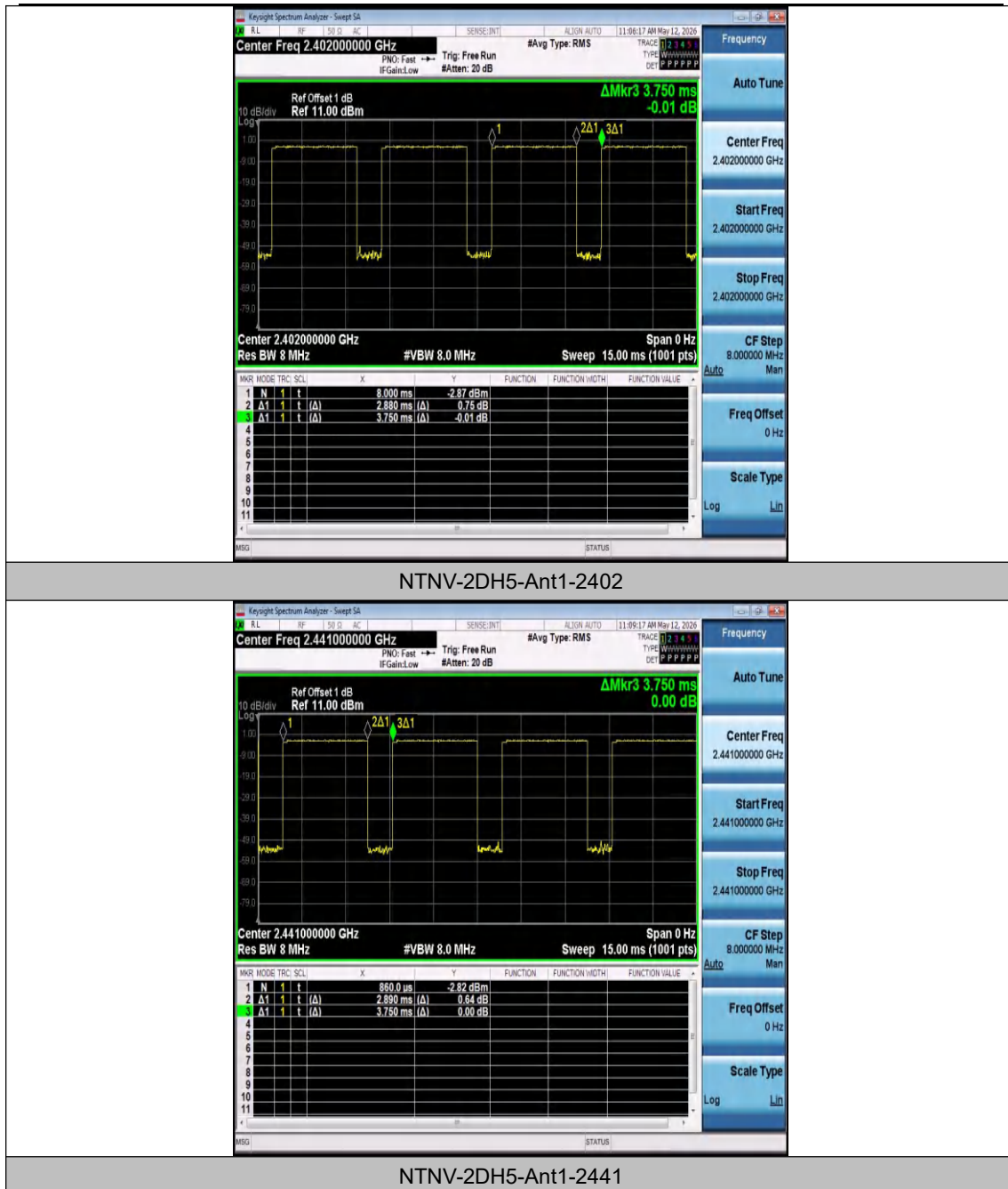
Test Result

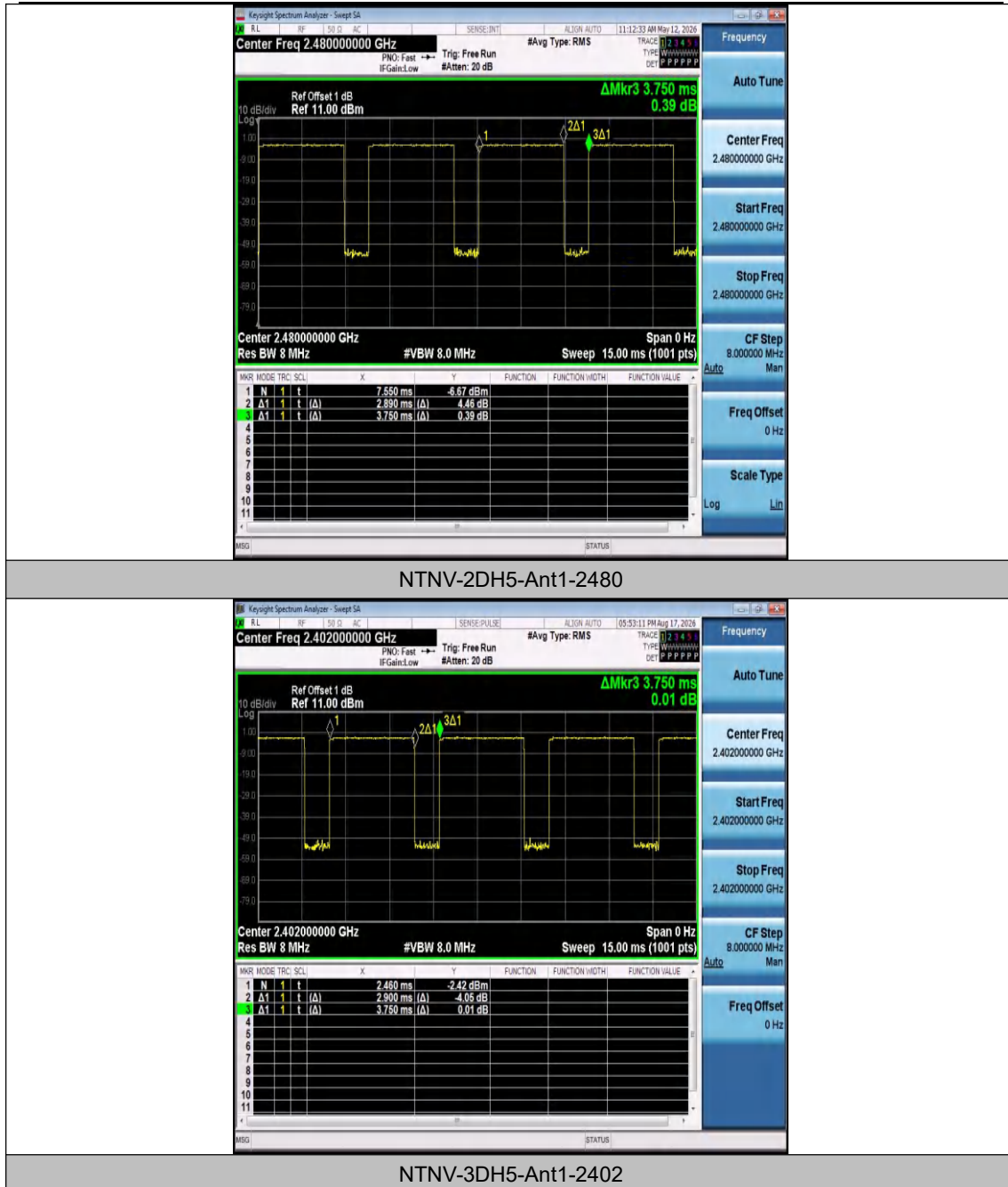
Test Mode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
DH5	Ant1	2402	2.88	3.75	76.80	1.15
DH5	Ant1	2441	2.88	3.75	76.80	1.15
DH5	Ant1	2480	2.89	3.75	77.07	1.13
2DH5	Ant1	2402	2.88	3.75	76.80	1.15
2DH5	Ant1	2441	2.89	3.75	77.07	1.13
2DH5	Ant1	2480	2.89	3.75	77.07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

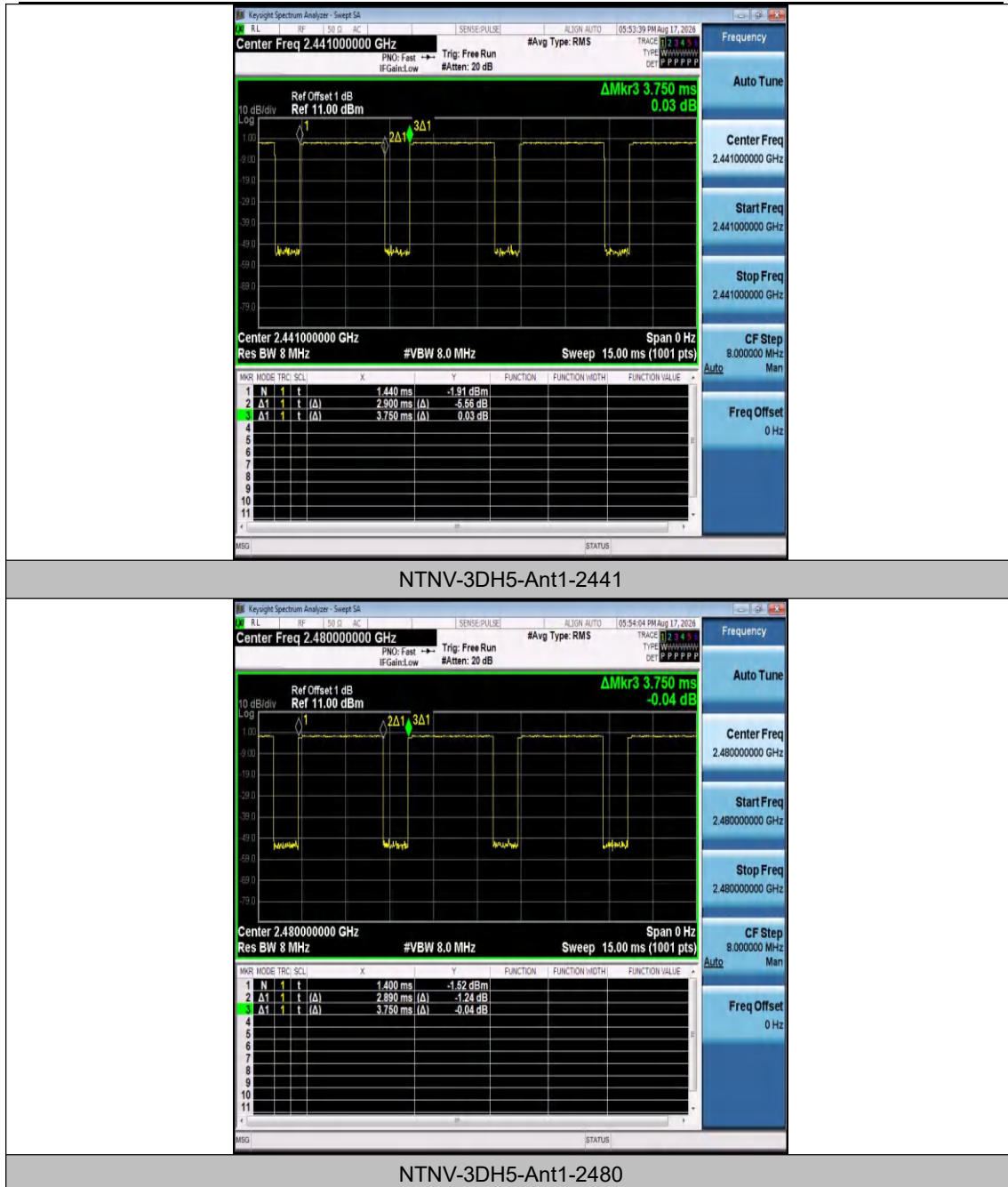
Test Graphs











---End---