

Appendix Test Data

Report No.:	1812C60306412501-01	Test Sample No.:	1-2-2
Start Test Date:	2026-6-4	Finish Test Date:	2026-6-5
Test Engineer:	Huisen Guan	Auditor:	Justin Feng
Temperature:	24.8°C	Relative Humidity:	66%
Pressure:	101kPa		

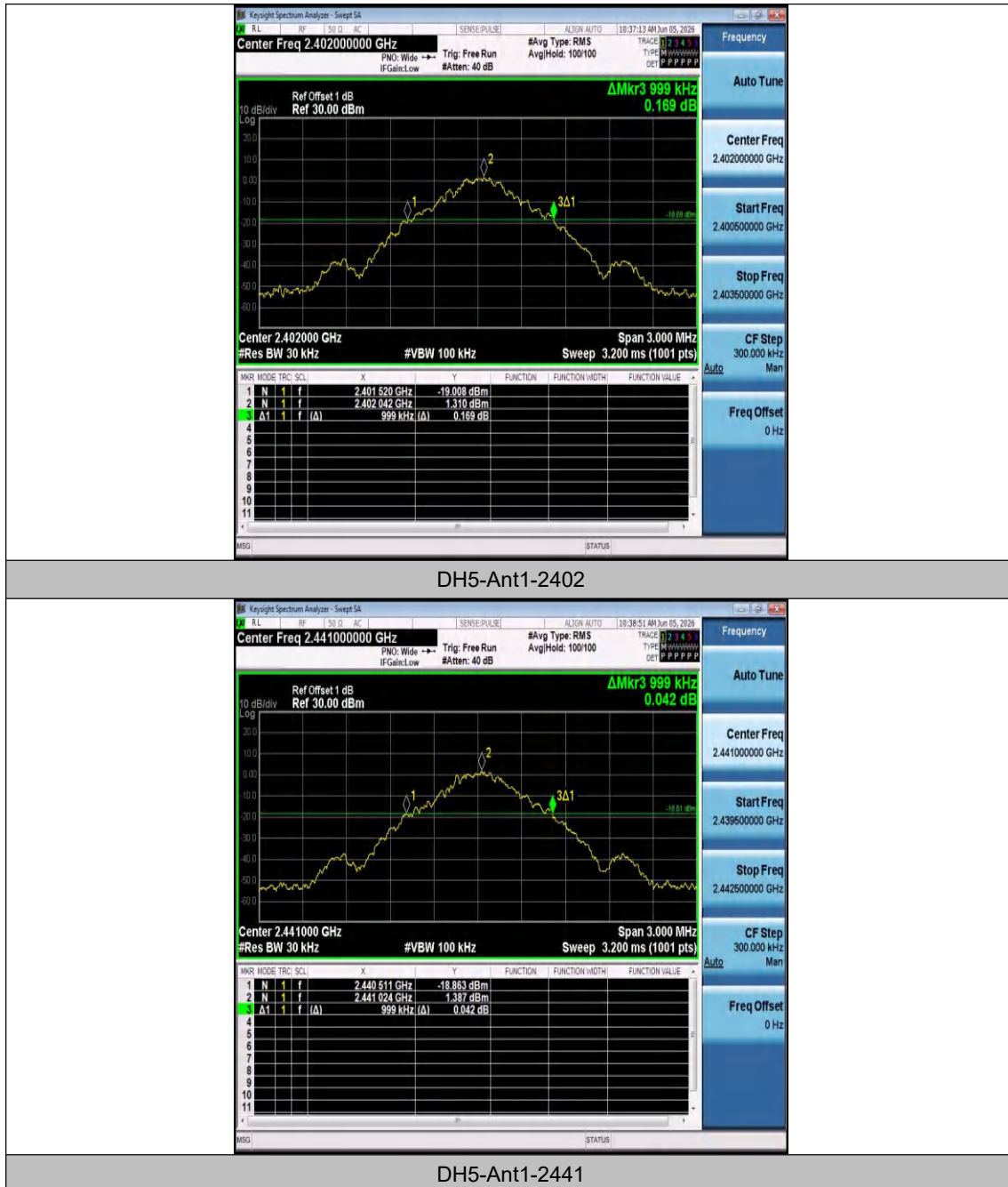


Appendix A: 20dB Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.999	2401.520	2402.519	---	---
DH5	Ant1	2441	0.999	2440.511	2441.510	---	---
DH5	Ant1	2480	1.014	2479.499	2480.513	---	---
2DH5	Ant1	2402	1.287	2401.394	2402.681	---	---
2DH5	Ant1	2441	1.353	2440.349	2441.702	---	---
2DH5	Ant1	2480	1.314	2479.358	2480.672	---	---
3DH5	Ant1	2402	1.308	2401.376	2402.684	---	---
3DH5	Ant1	2441	1.317	2440.376	2441.693	---	---
3DH5	Ant1	2480	1.314	2479.373	2480.687	---	---

Test Graphs



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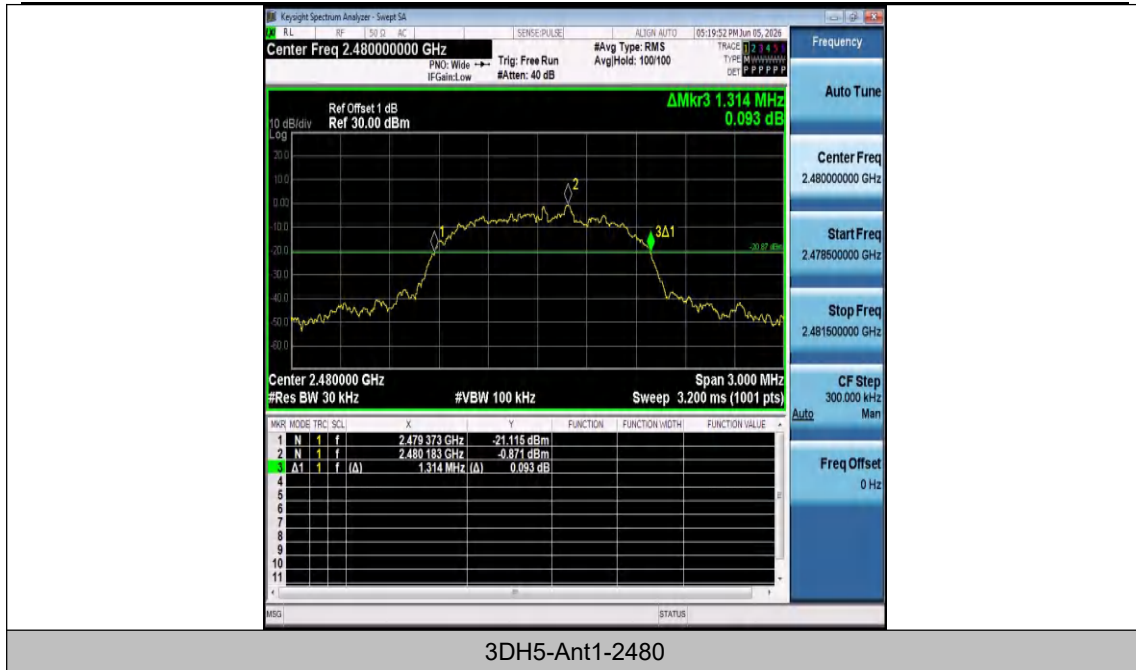
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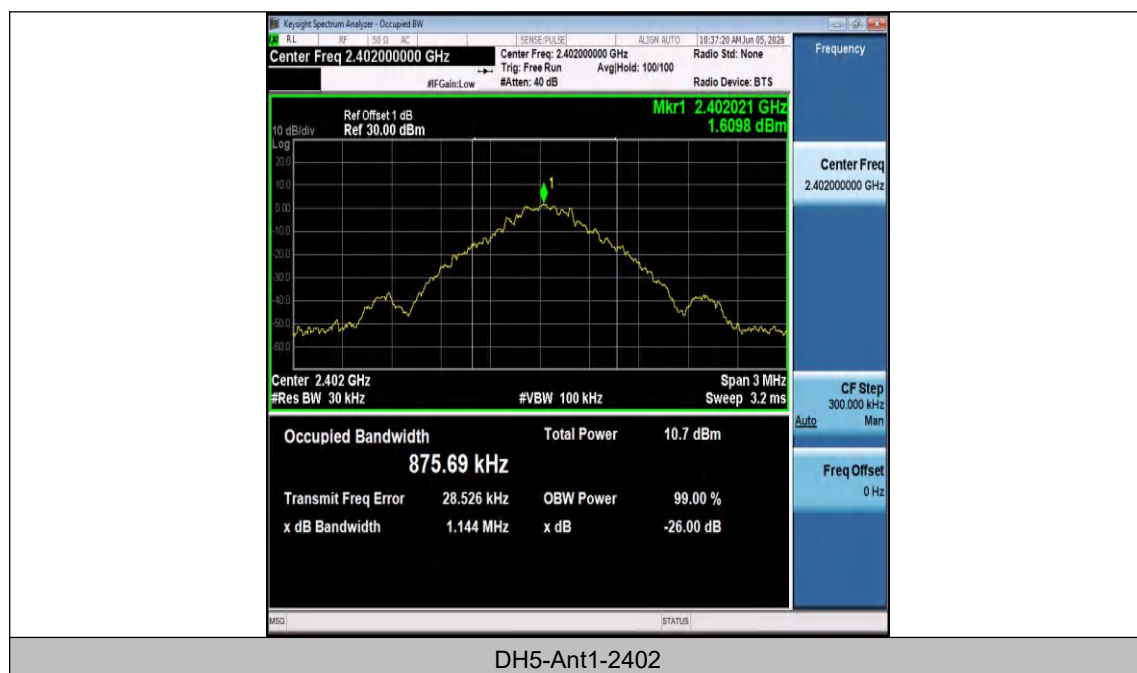
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Appendix B: 99% Occupied Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.87569	2401.5907	2402.4664	---	---
DH5	Ant1	2441	0.88583	2440.5833	2441.4691	---	---
DH5	Ant1	2480	0.88035	2479.5832	2480.4636	---	---
2DH5	Ant1	2402	1.1906	2401.4285	2402.6191	---	---
2DH5	Ant1	2441	1.2019	2440.4266	2441.6285	---	---
2DH5	Ant1	2480	1.2032	2479.4241	2480.6273	---	---
3DH5	Ant1	2402	1.2054	2401.4183	2402.6237	---	---
3DH5	Ant1	2441	1.1985	2440.4278	2441.6263	---	---
3DH5	Ant1	2480	1.2025	2479.4206	2480.6231	---	---

Test Graphs





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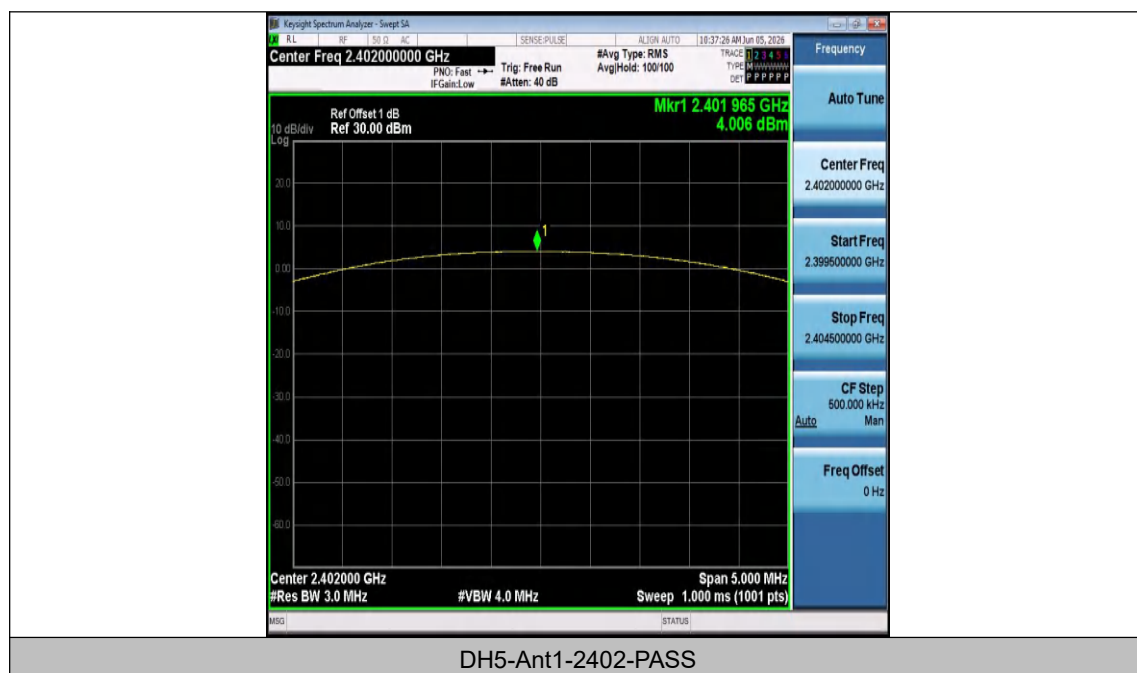


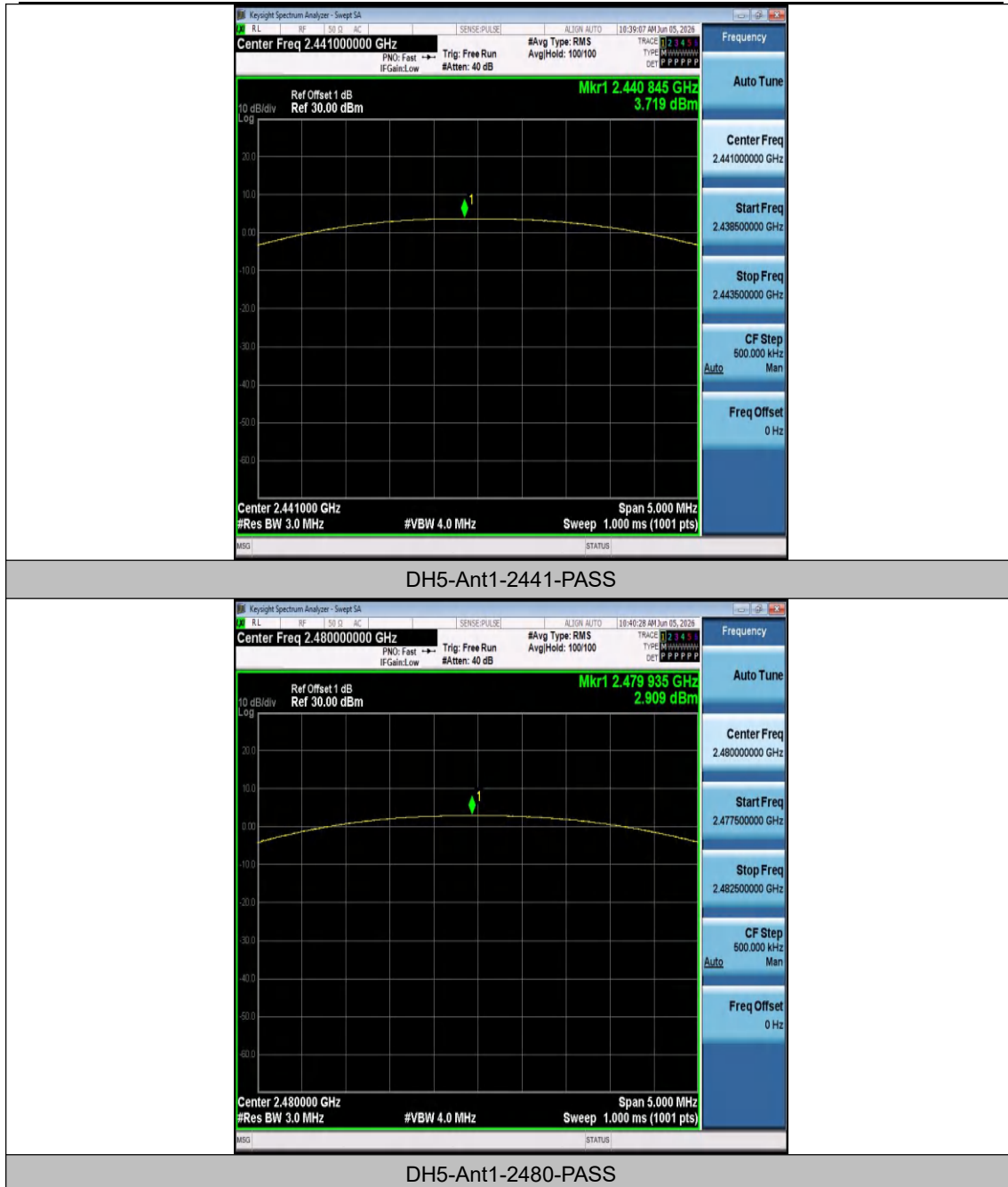
Appendix C: Maximum Conducted Output Power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	4.01	≤20.97	PASS
DH5	Ant1	2441	3.72	≤20.97	PASS
DH5	Ant1	2480	2.91	≤20.97	PASS
2DH5	Ant1	2402	4.73	≤20.97	PASS
2DH5	Ant1	2441	4.52	≤20.97	PASS
2DH5	Ant1	2480	3.78	≤20.97	PASS
3DH5	Ant1	2402	5.07	≤20.97	PASS
3DH5	Ant1	2441	5.01	≤20.97	PASS
3DH5	Ant1	2480	4.22	≤20.97	PASS

Test Graphs

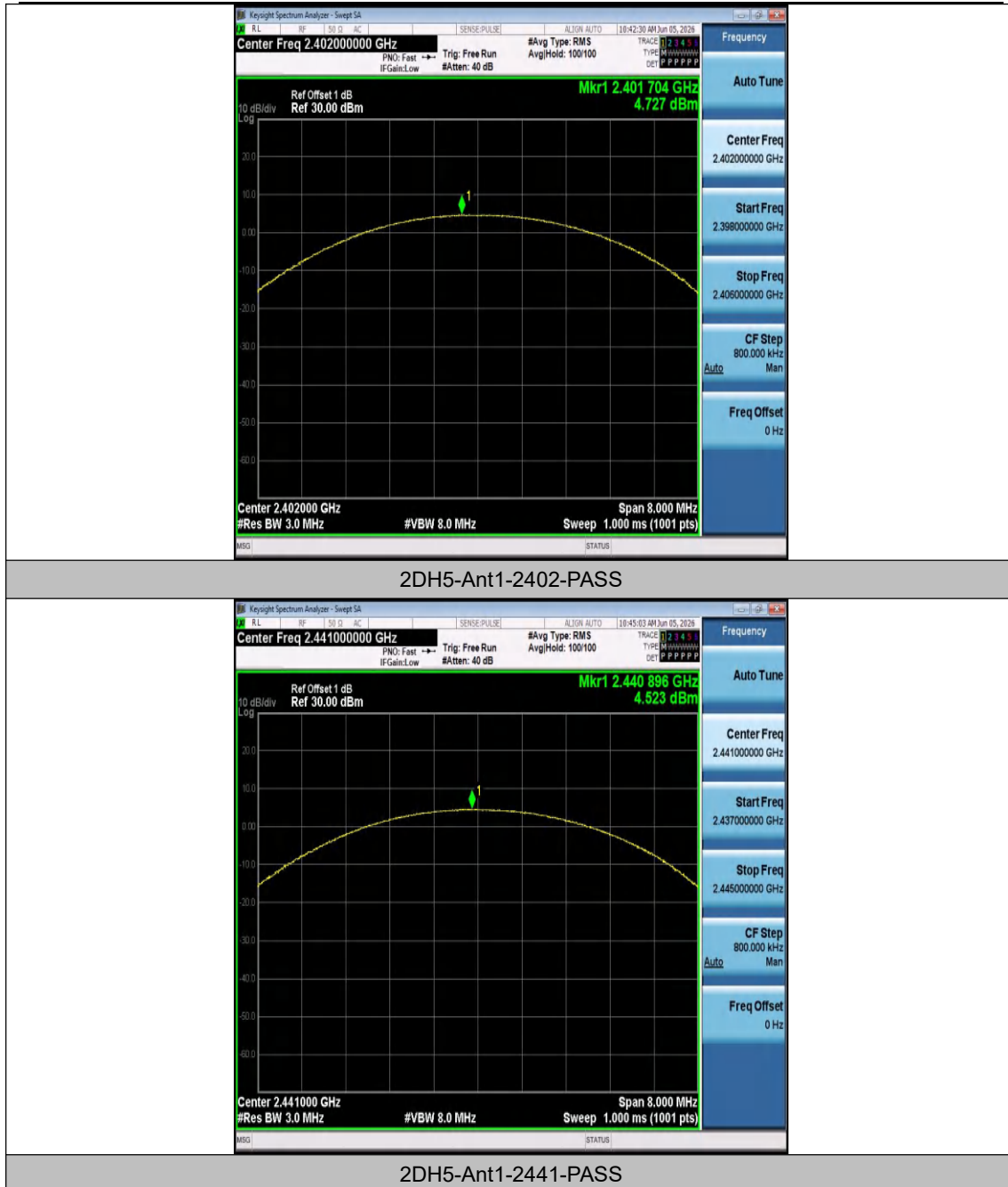




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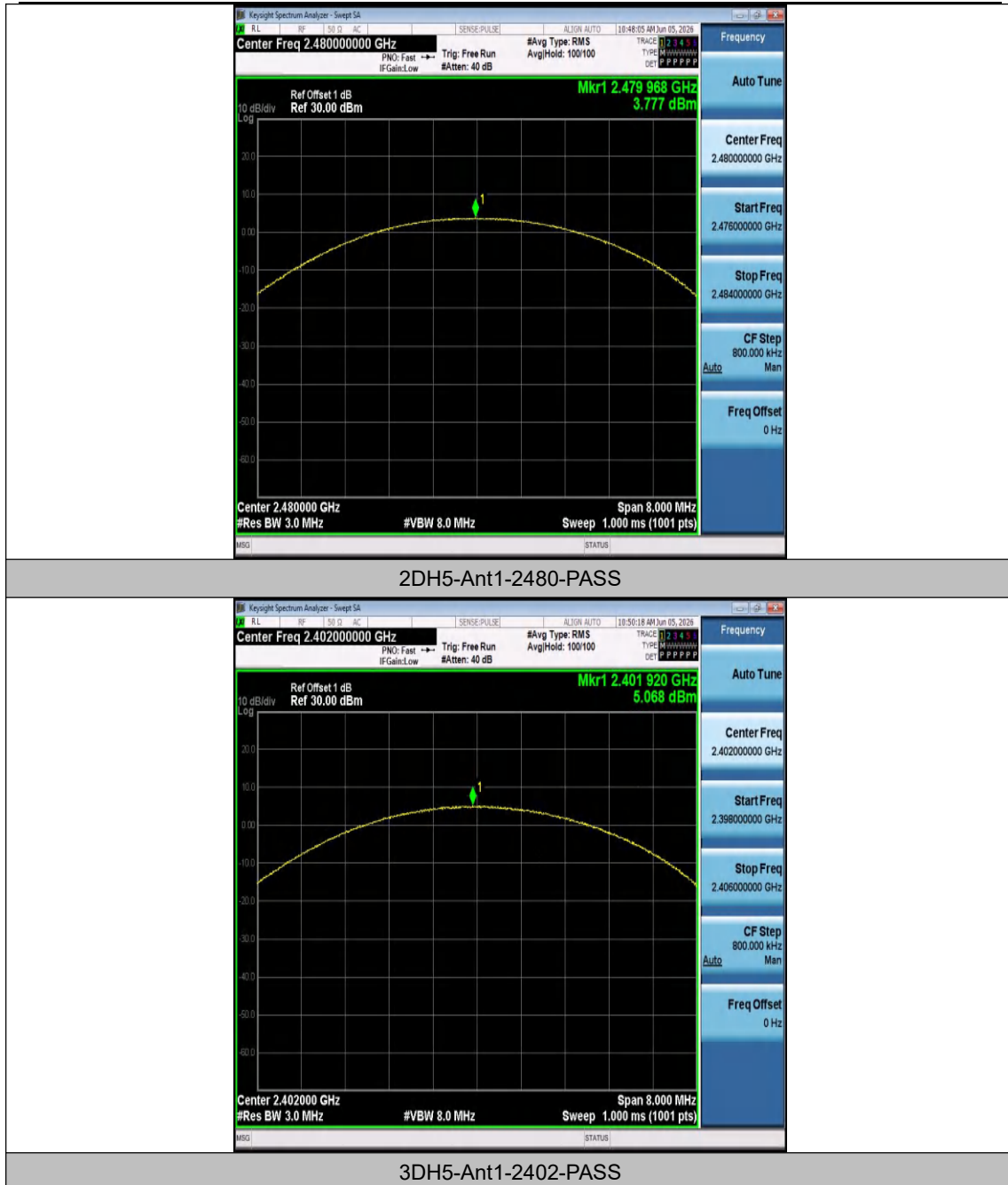
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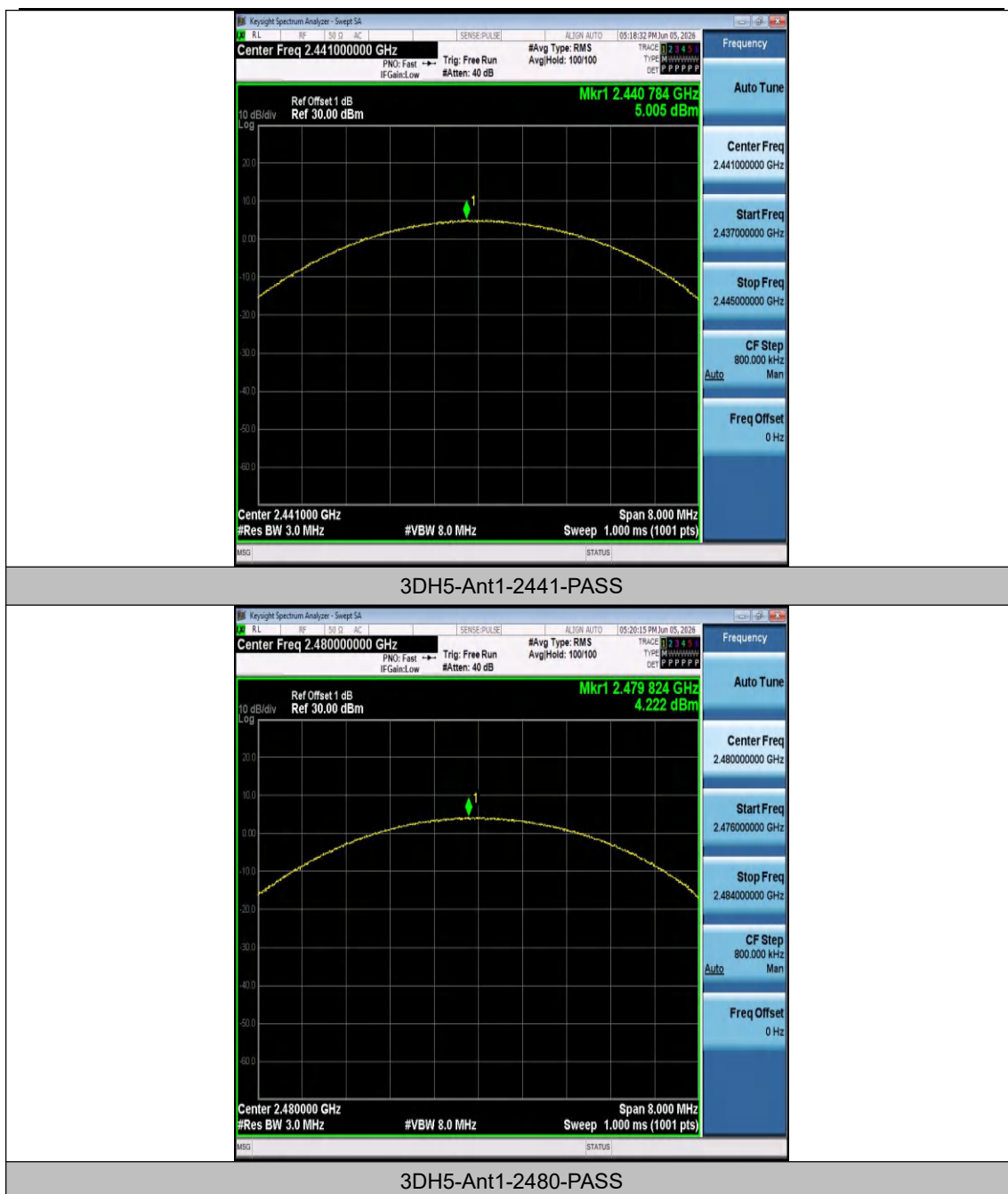
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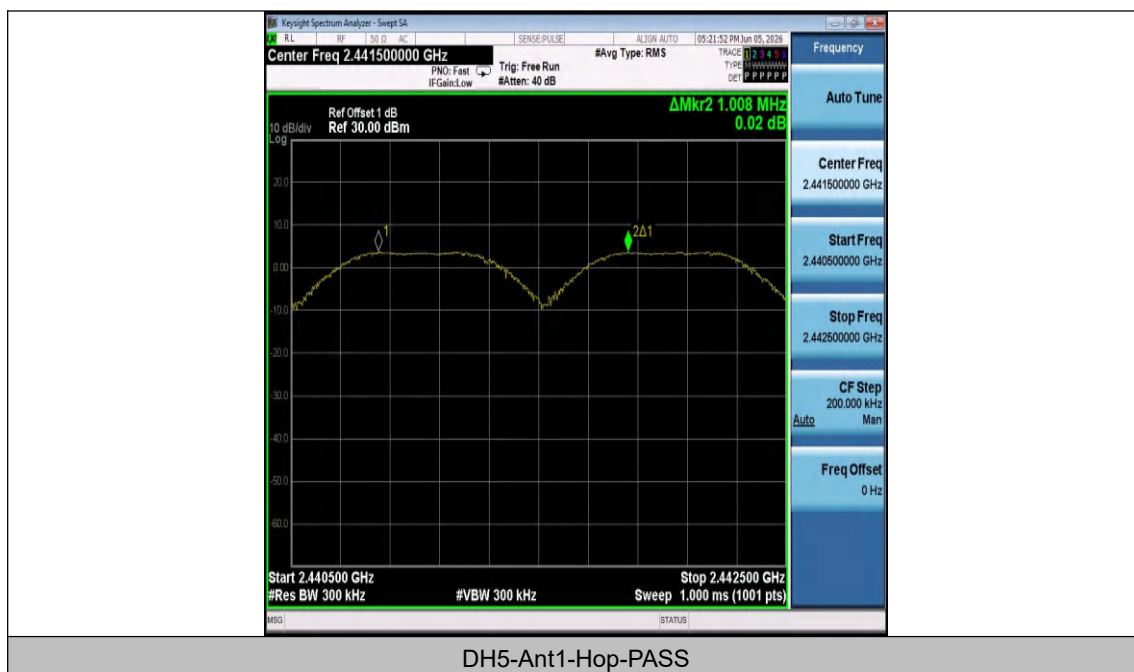
Appendix D: Carrier frequency separation

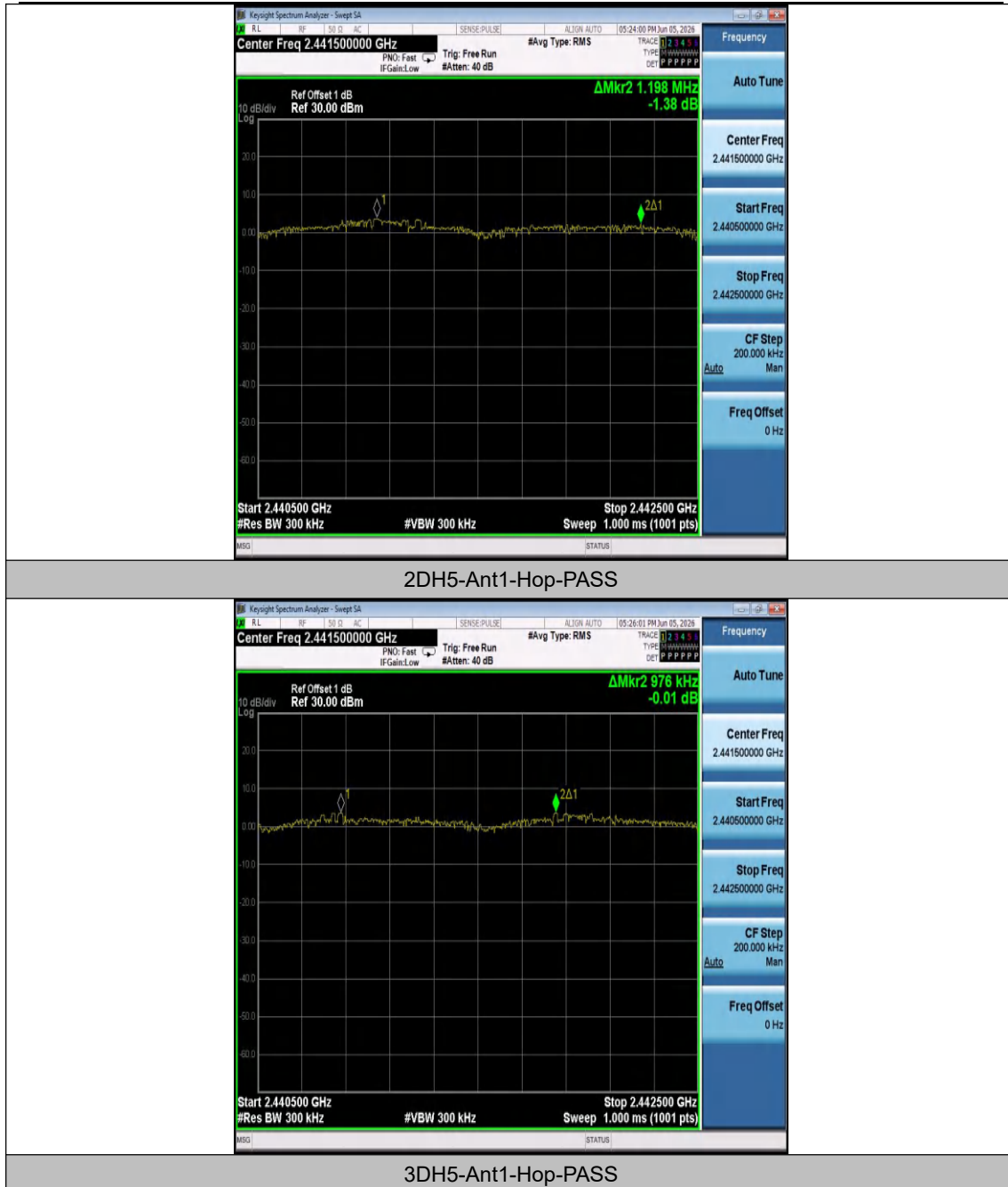
Test Result

Test Mode	Antenna	Frequency [MHz]	Result [MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.008	≥0.676	PASS
2DH5	Ant1	Hop	1.198	≥0.902	PASS
3DH5	Ant1	Hop	0.976	≥0.878	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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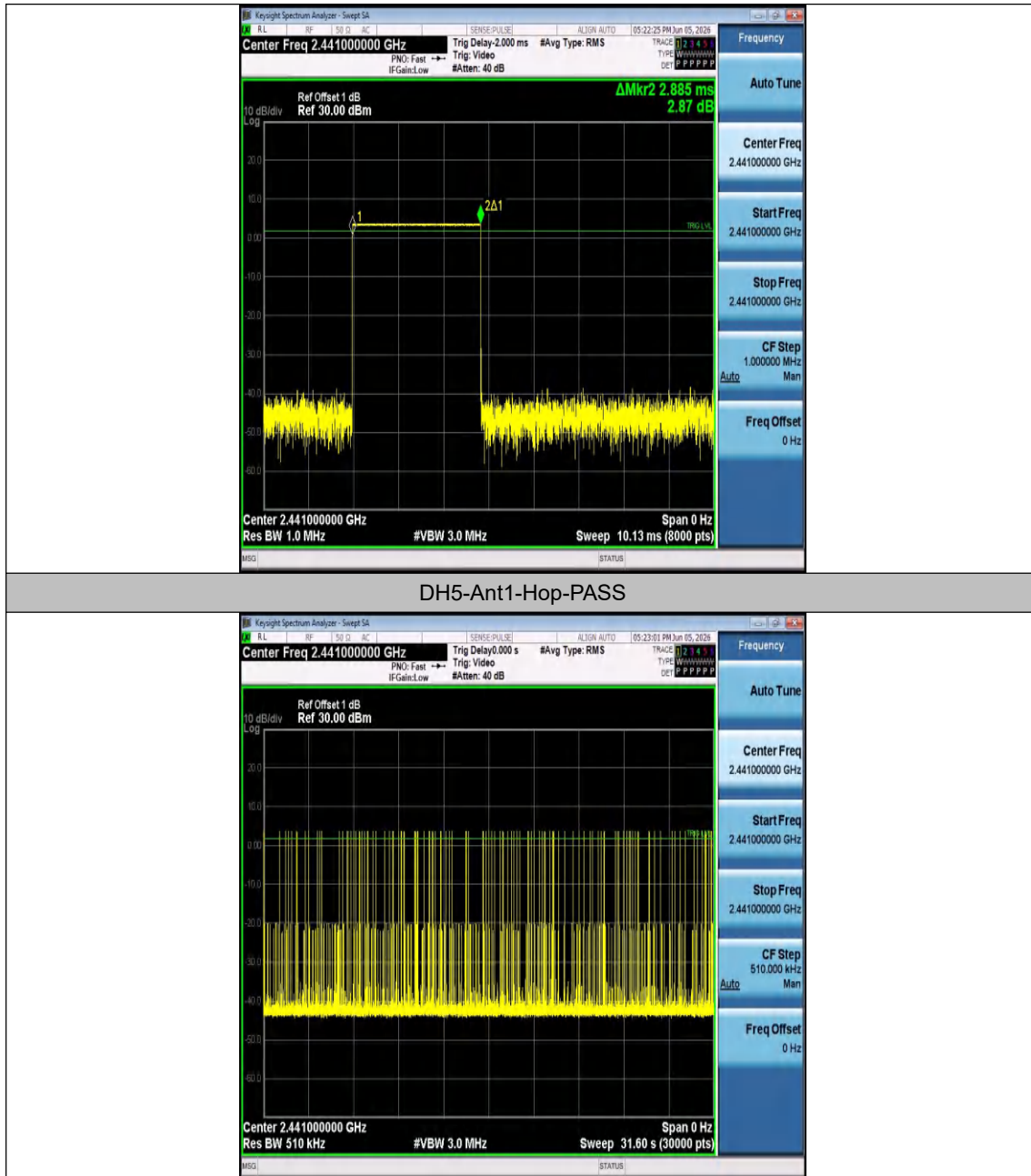
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Appendix E: Dwell Time

Test Result

Test Mode	Antenna	Frequency [MHz]	Burst Width [ms]	Total Hops [Num]	Result [s]	Limit [s]	Verdict
DH5	Ant1	Hop	2.885	109	0.314	≤0.4	PASS
2DH5	Ant1	Hop	2.889	101	0.292	≤0.4	PASS
3DH5	Ant1	Hop	2.893	114	0.33	≤0.4	PASS

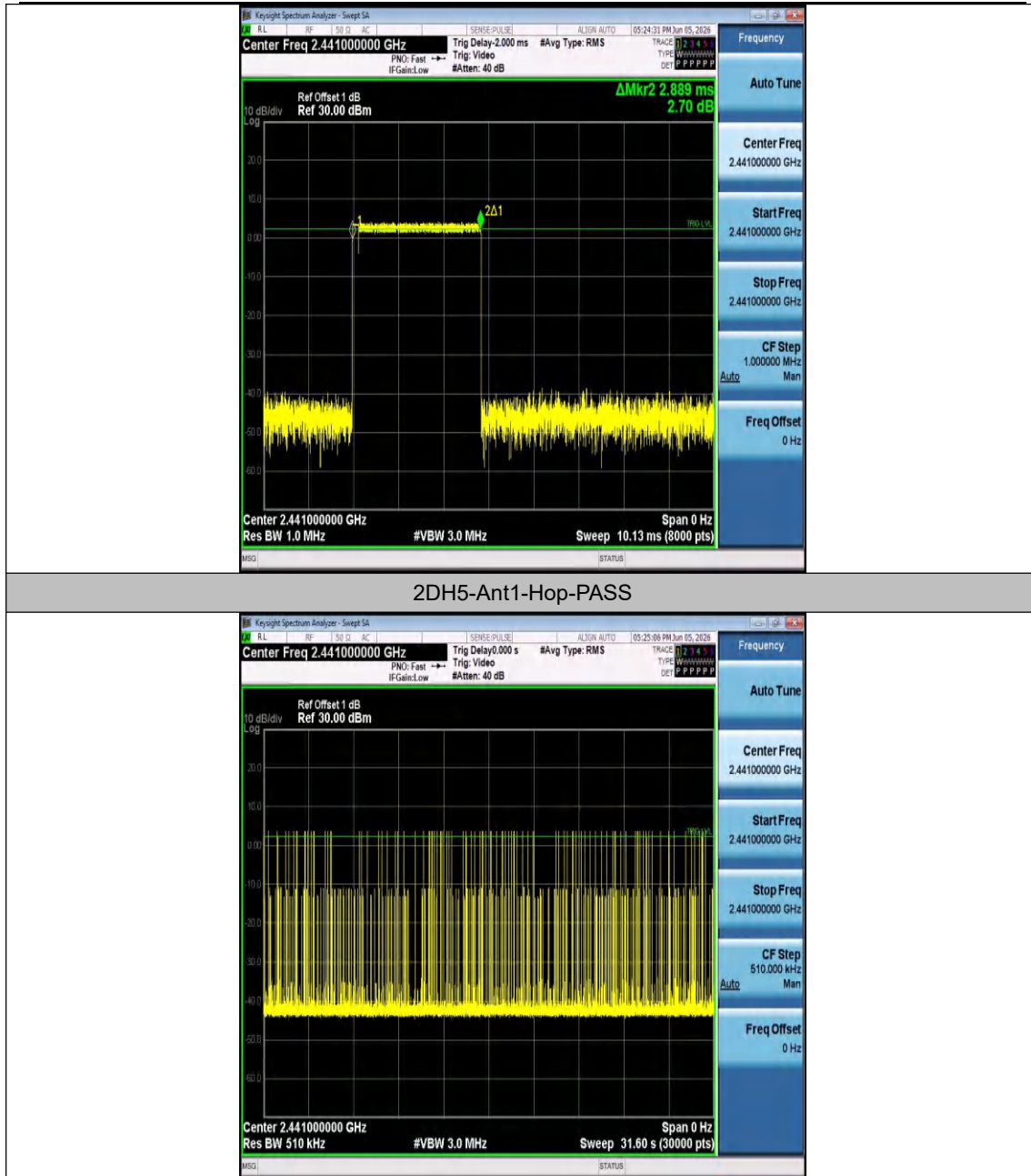
Test Graphs



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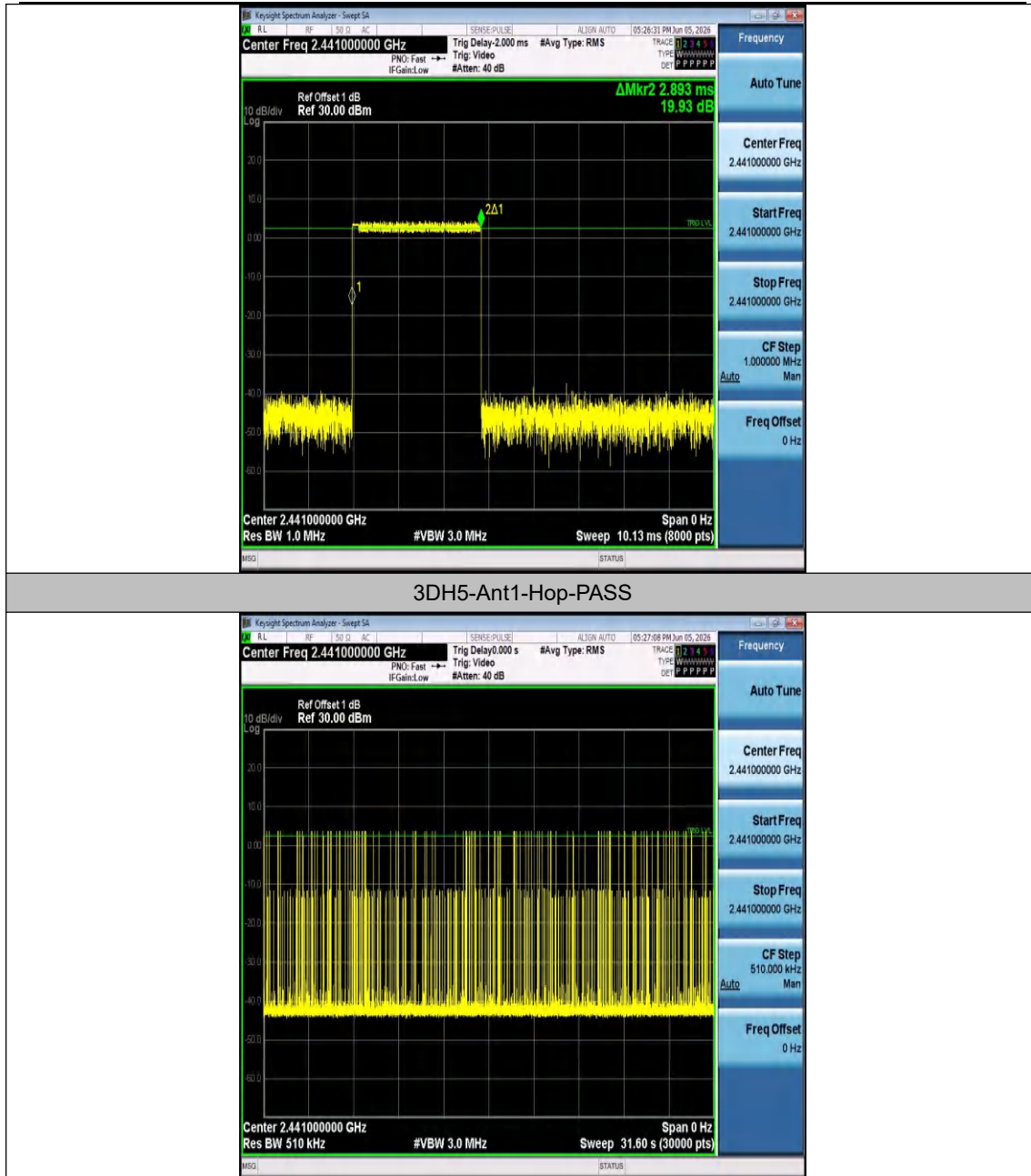
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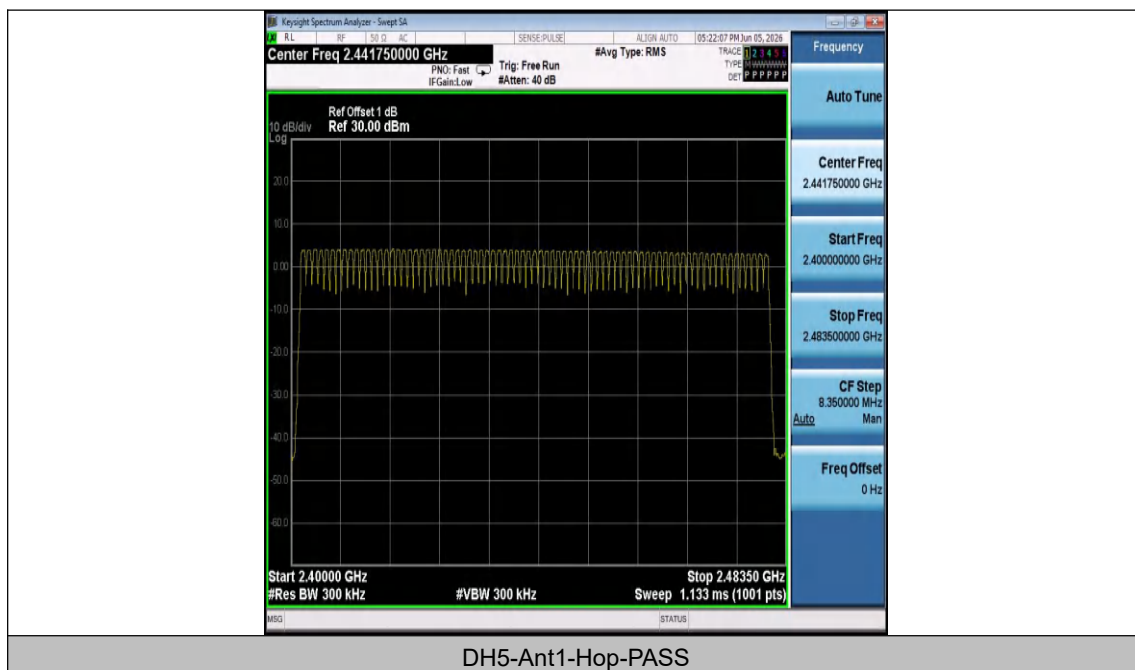
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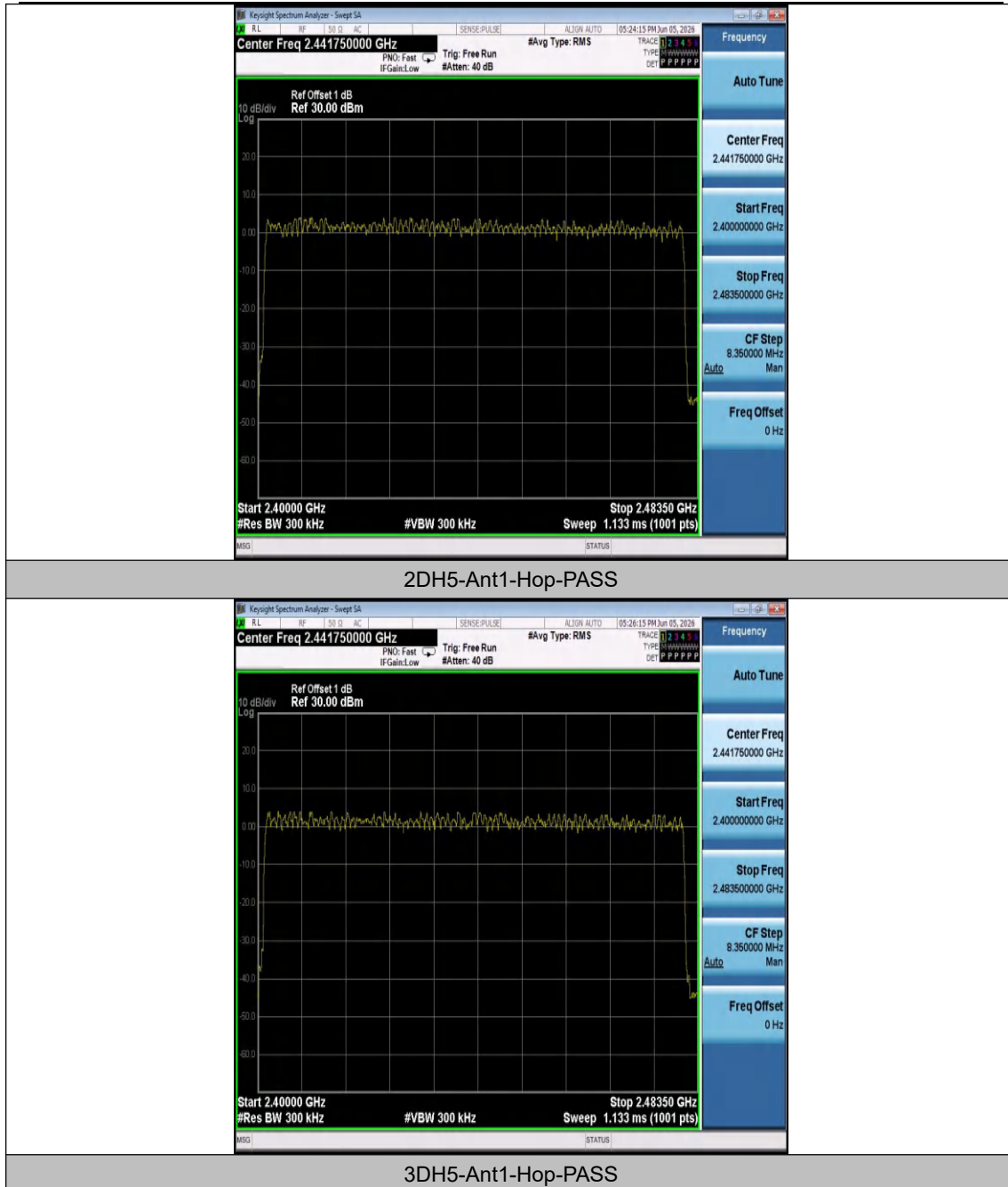
Appendix F: Number of Hopping Channel

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





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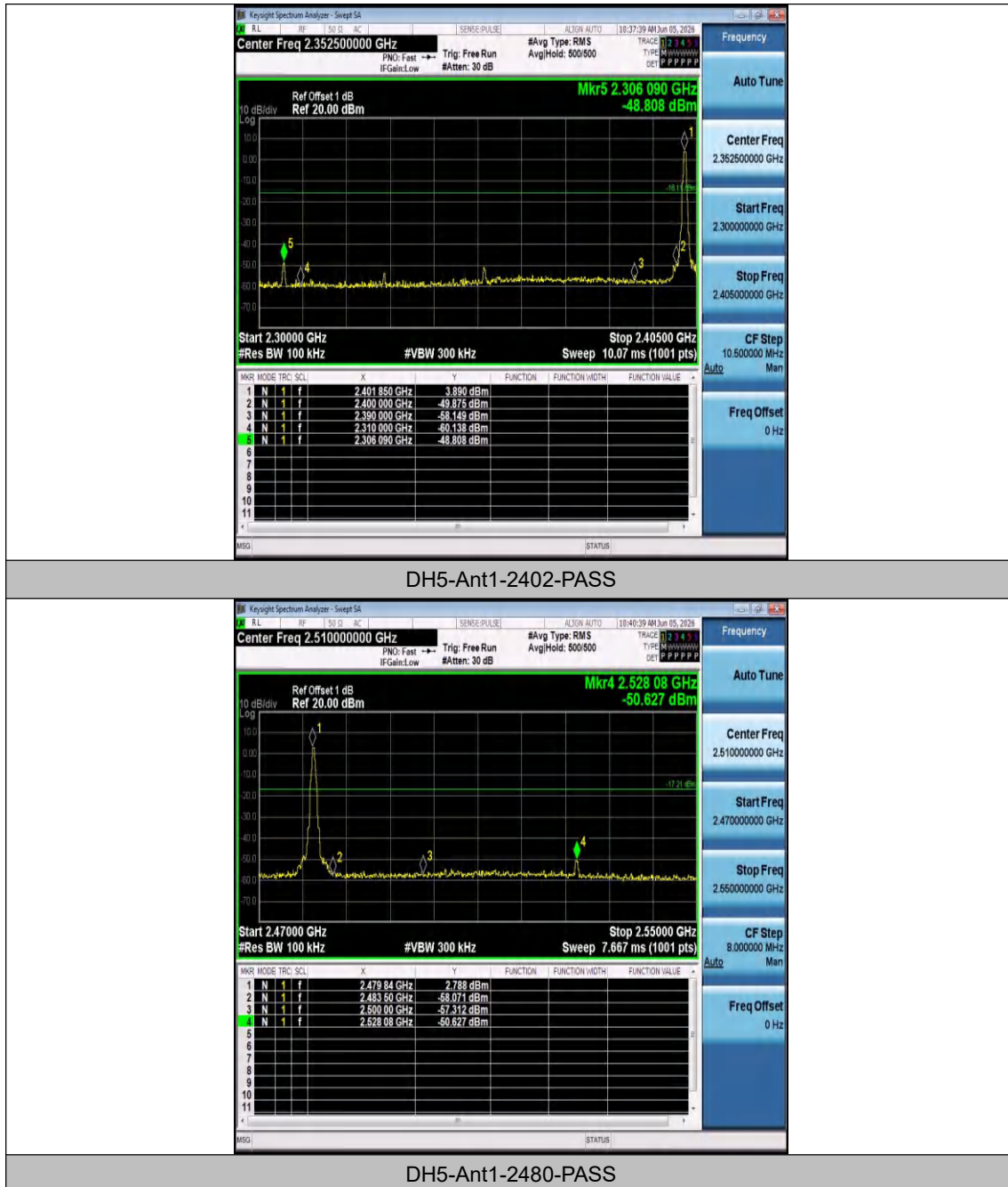
Appendix G: Conducted Band edge

Test Result

Test Mode	Antenna	Ch. Name	Frequency [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	3.89	-48.81	≤-16.11	PASS
DH5	Ant1	High	2480	2.79	-50.63	≤-17.21	PASS
DH5	Ant1	Low	Hop_2402	3.67	-48.68	≤-16.34	PASS
DH5	Ant1	High	Hop_2480	2.71	-47.99	≤-17.29	PASS
2DH5	Ant1	Low	2402	3.79	-48.07	≤-16.21	PASS
2DH5	Ant1	High	2480	2.83	-52.03	≤-17.17	PASS
2DH5	Ant1	Low	Hop_2402	3.79	-49.49	≤-16.21	PASS
2DH5	Ant1	High	Hop_2480	1.77	-49.41	≤-18.23	PASS
3DH5	Ant1	Low	2402	3.74	-46.17	≤-16.26	PASS
3DH5	Ant1	High	2480	2.74	-52.19	≤-17.26	PASS
3DH5	Ant1	Low	Hop_2402	-0.21	-49.41	≤-20.21	PASS
3DH5	Ant1	High	Hop_2480	2.75	-50.34	≤-17.25	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.

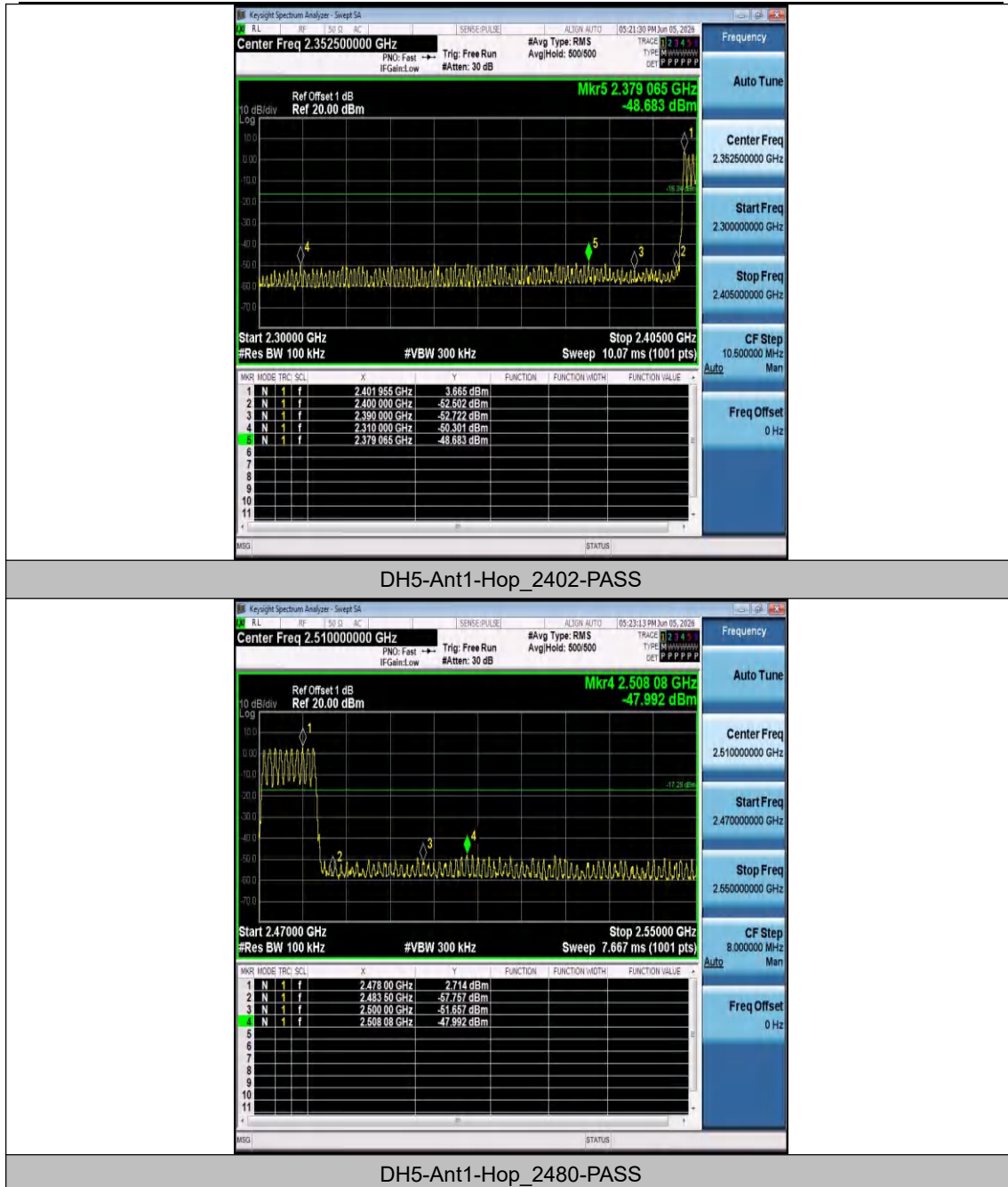
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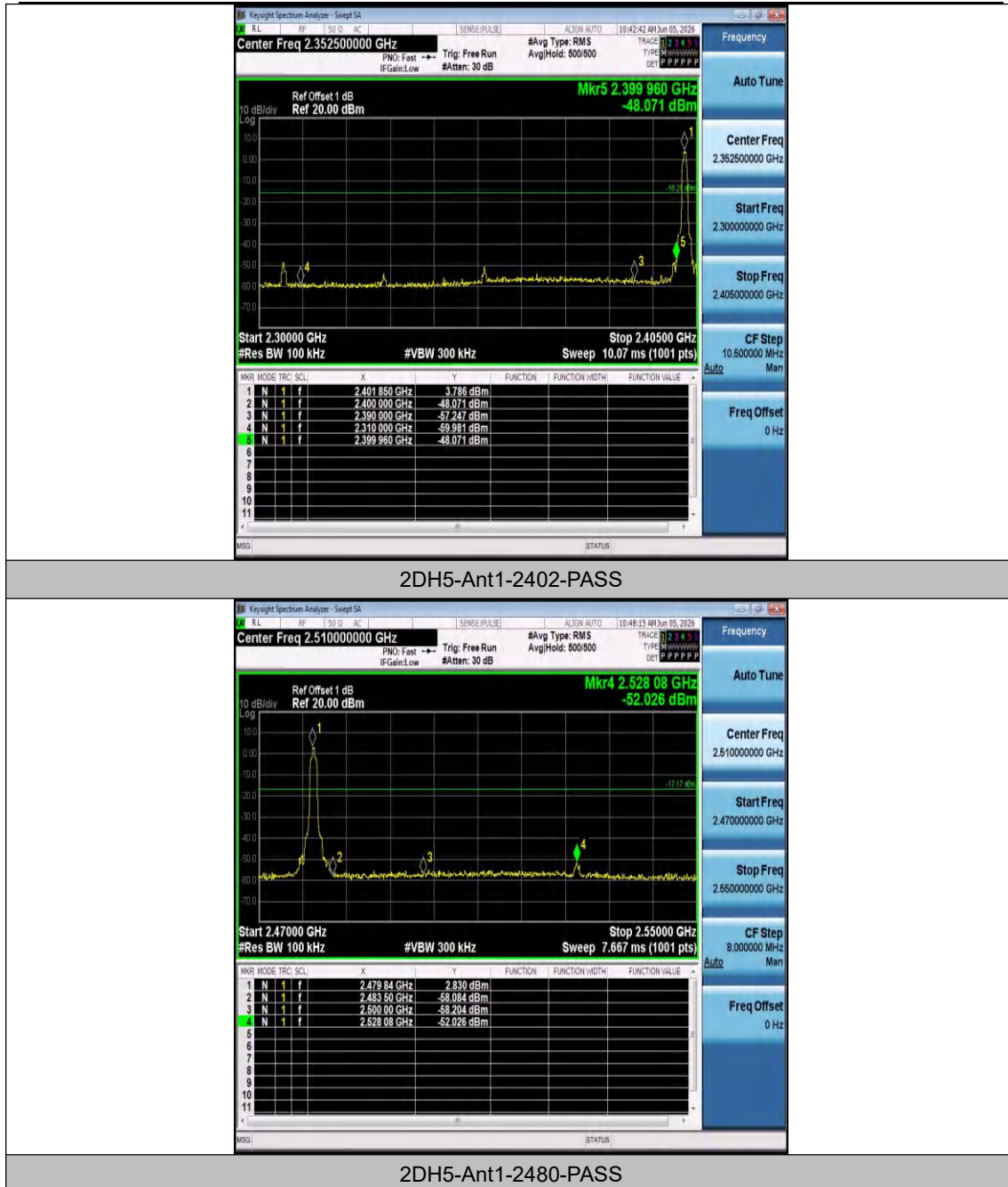


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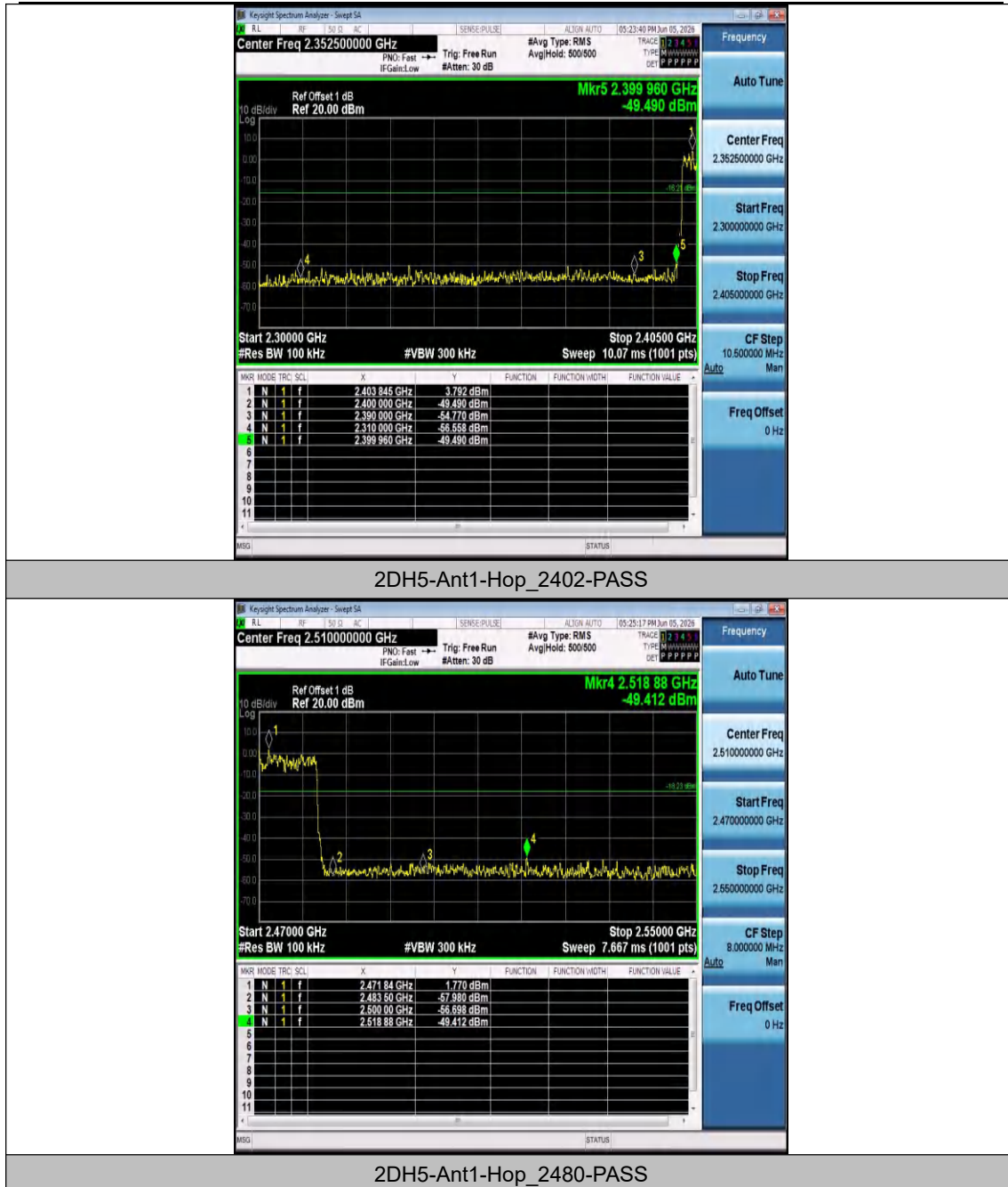


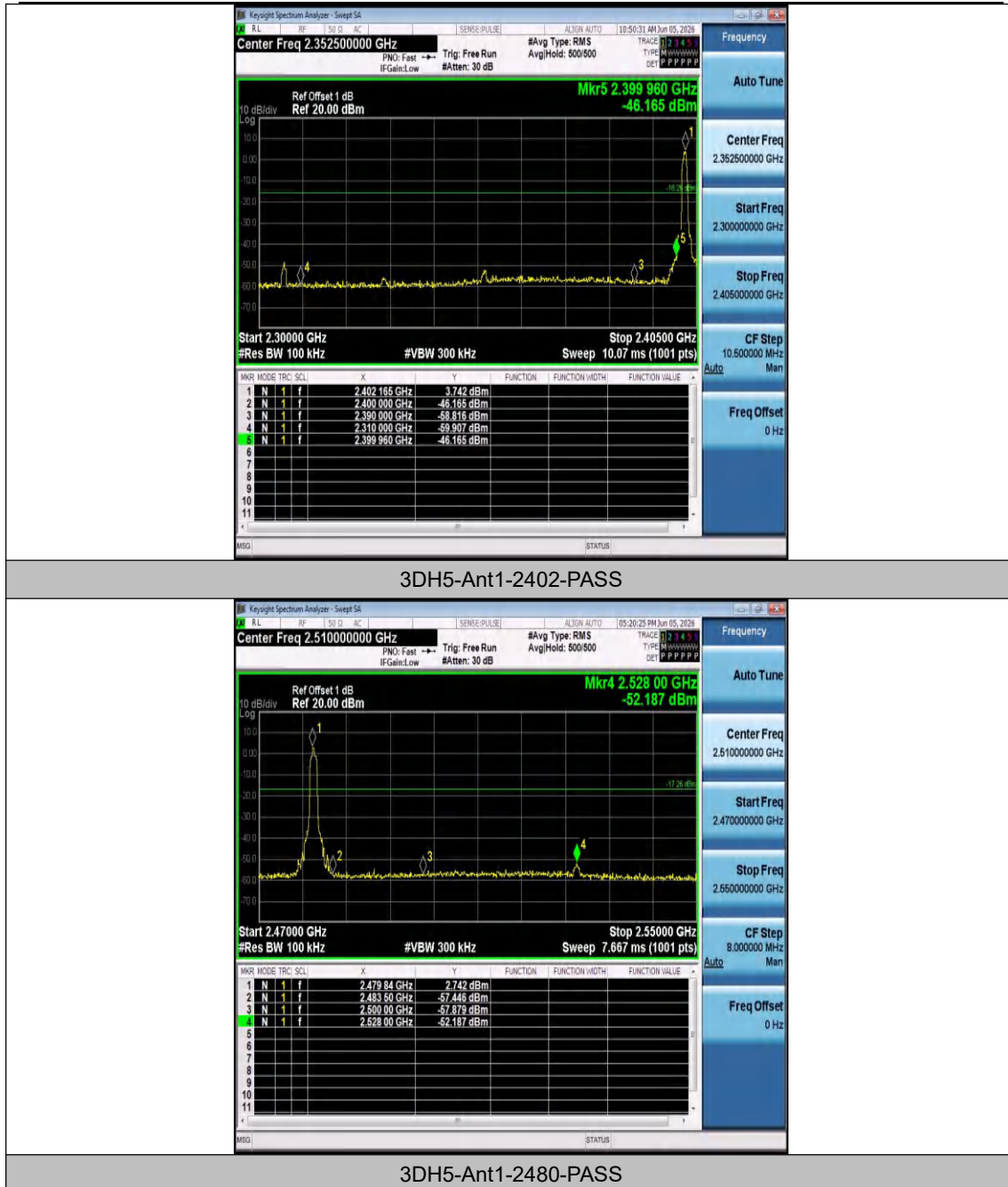


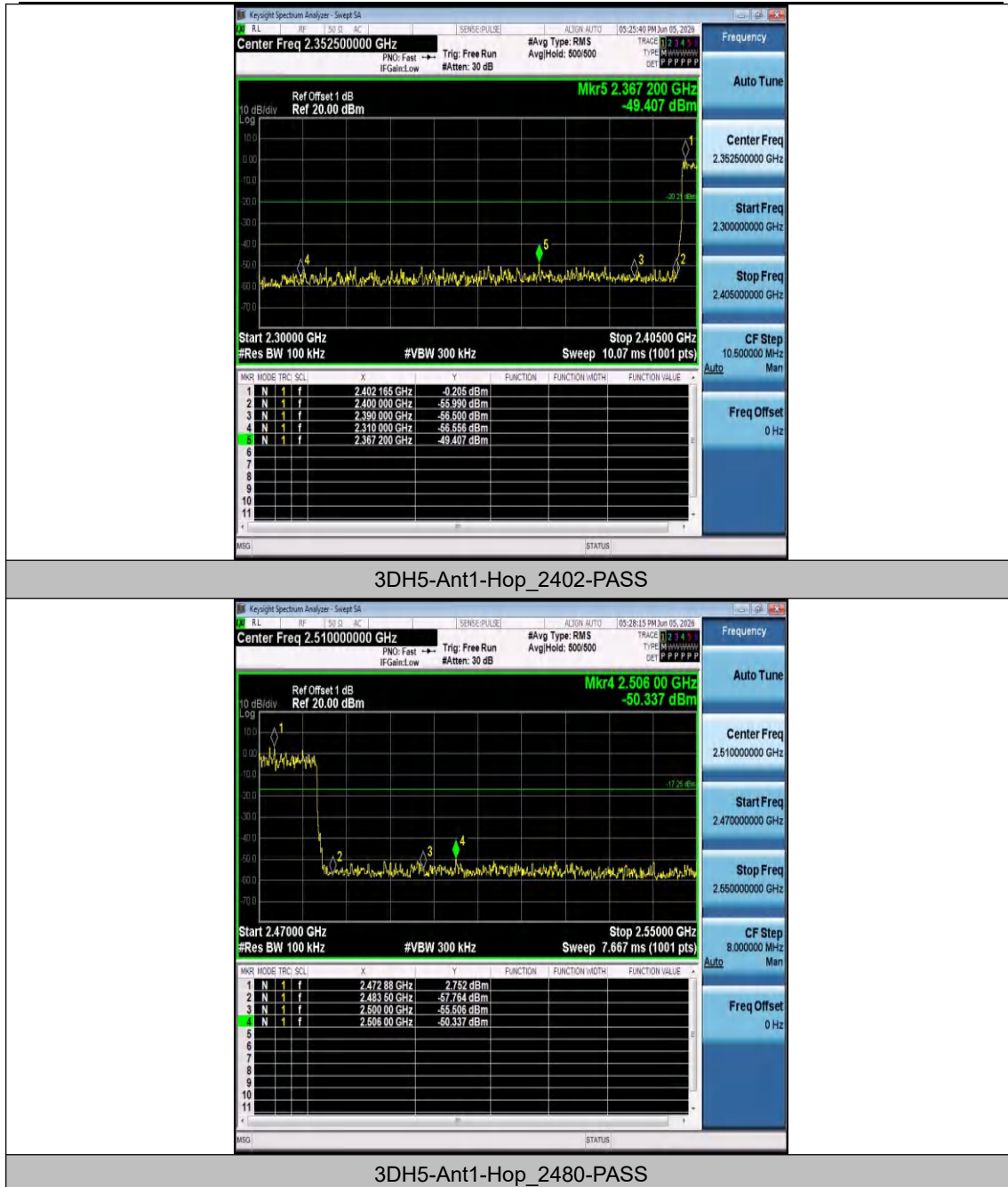
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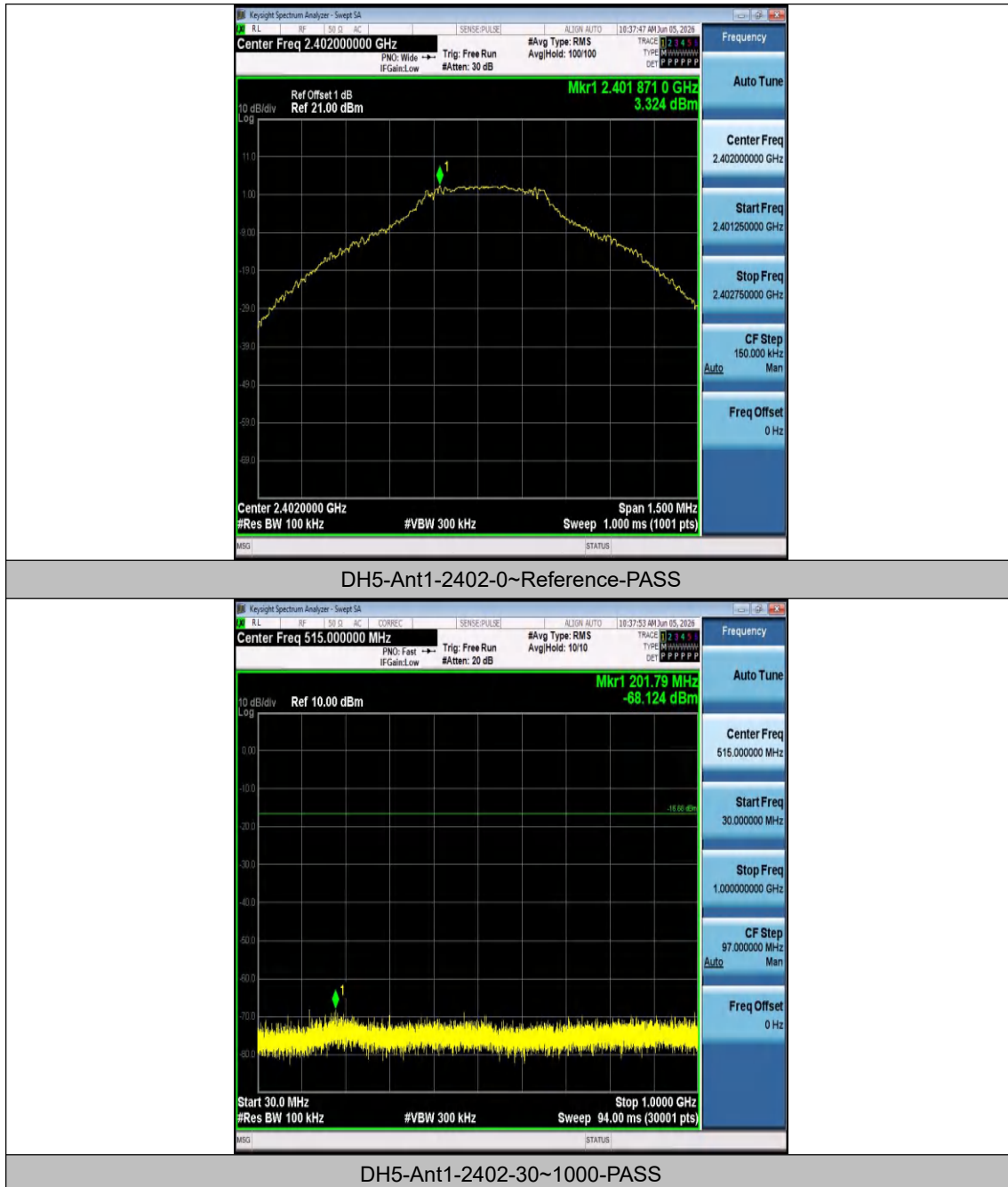
Appendix H: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency[MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	0~Reference	3.32	3.32	---	PASS
DH5	Ant1	2402	30~1000	3.32	-68.12	≤-16.68	PASS
DH5	Ant1	2402	1000~26500	3.32	-33.68	≤-16.68	PASS
DH5	Ant1	2441	0~Reference	3.38	3.38	---	PASS
DH5	Ant1	2441	30~1000	3.38	-67.85	≤-16.62	PASS
DH5	Ant1	2441	1000~26500	3.38	-34.9	≤-16.62	PASS
DH5	Ant1	2480	0~Reference	2.70	2.70	---	PASS
DH5	Ant1	2480	30~1000	2.70	-54.63	≤-17.3	PASS
DH5	Ant1	2480	1000~26500	2.70	-34.86	≤-17.3	PASS
2DH5	Ant1	2402	0~Reference	3.66	3.66	---	PASS
2DH5	Ant1	2402	30~1000	3.66	-68.11	≤-16.34	PASS
2DH5	Ant1	2402	1000~26500	3.66	-34.06	≤-16.34	PASS
2DH5	Ant1	2441	0~Reference	3.52	3.52	---	PASS
2DH5	Ant1	2441	30~1000	3.52	-61.76	≤-16.48	PASS
2DH5	Ant1	2441	1000~26500	3.52	-34.64	≤-16.48	PASS
2DH5	Ant1	2480	0~Reference	2.65	2.65	---	PASS
2DH5	Ant1	2480	30~1000	2.65	-68.28	≤-17.35	PASS
2DH5	Ant1	2480	1000~26500	2.65	-34.97	≤-17.35	PASS
3DH5	Ant1	2402	0~Reference	3.40	3.40	---	PASS
3DH5	Ant1	2402	30~1000	3.40	-68.12	≤-16.6	PASS
3DH5	Ant1	2402	1000~26500	3.40	-33.99	≤-16.6	PASS
3DH5	Ant1	2441	0~Reference	3.04	3.04	---	PASS
3DH5	Ant1	2441	30~1000	3.04	-58.94	≤-16.96	PASS
3DH5	Ant1	2441	1000~26500	3.04	-35.12	≤-16.96	PASS
3DH5	Ant1	2480	0~Reference	2.59	2.59	---	PASS
3DH5	Ant1	2480	30~1000	2.59	-68.82	≤-17.41	PASS
3DH5	Ant1	2480	1000~26500	2.59	-35.05	≤-17.41	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.

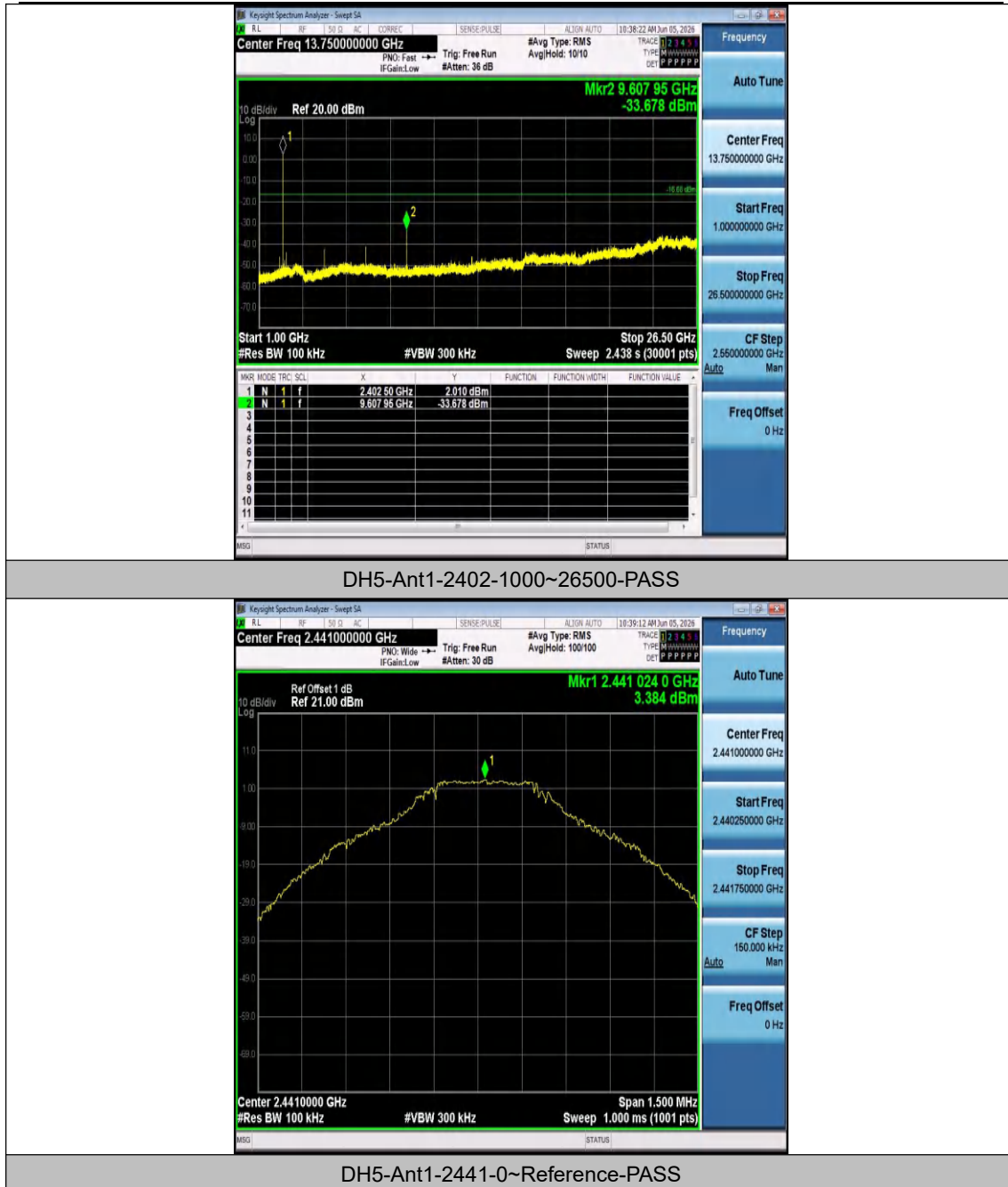
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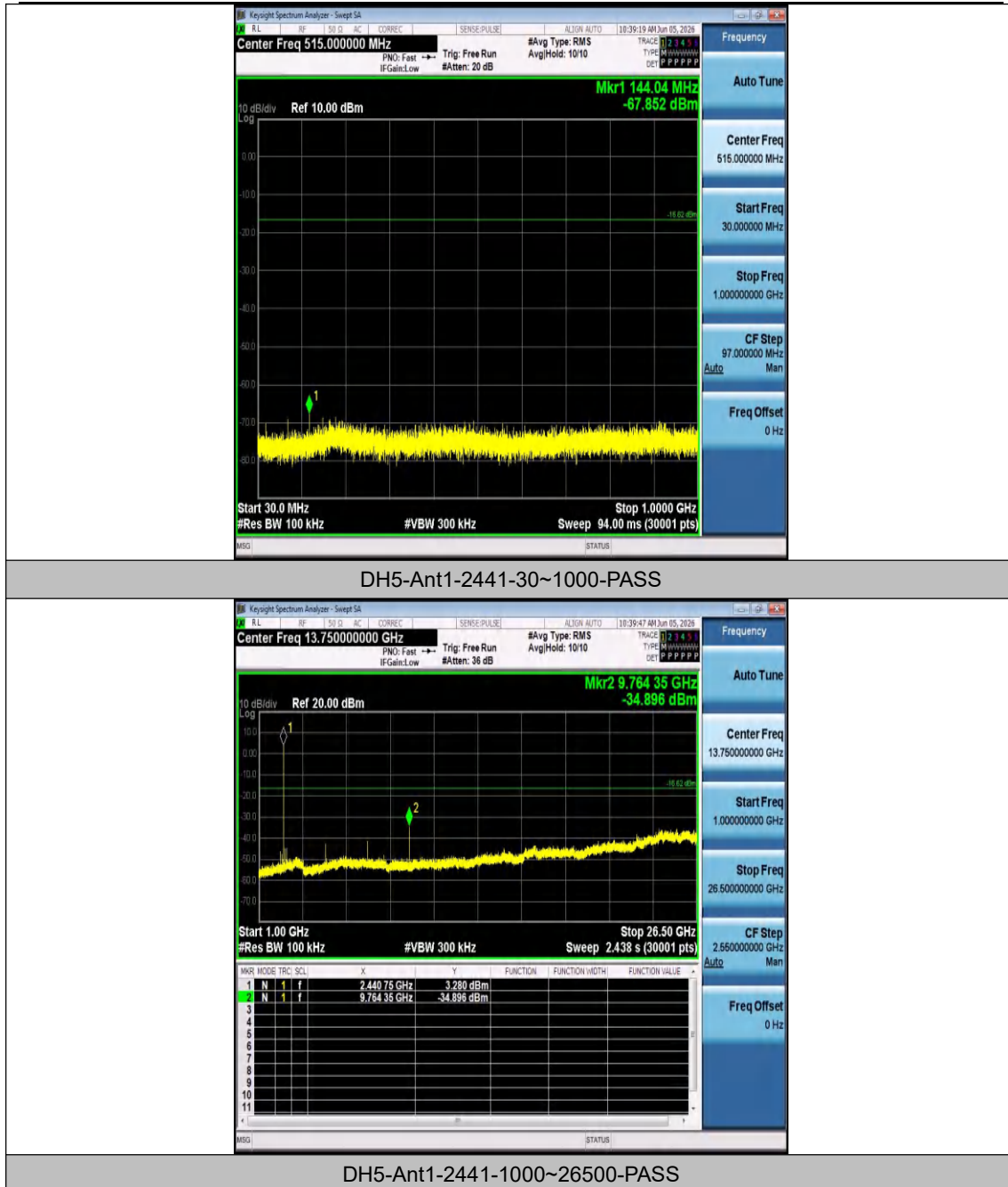


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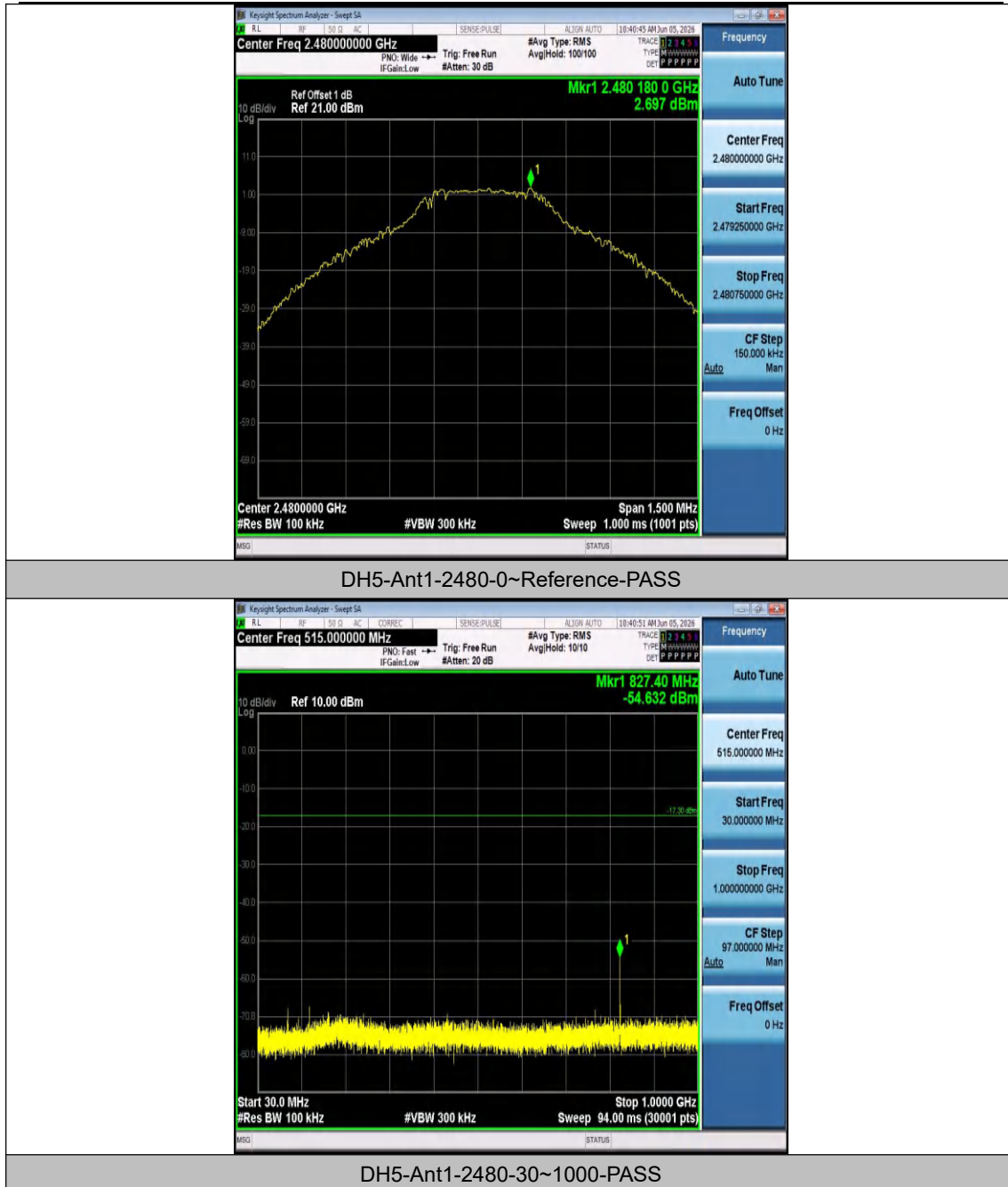




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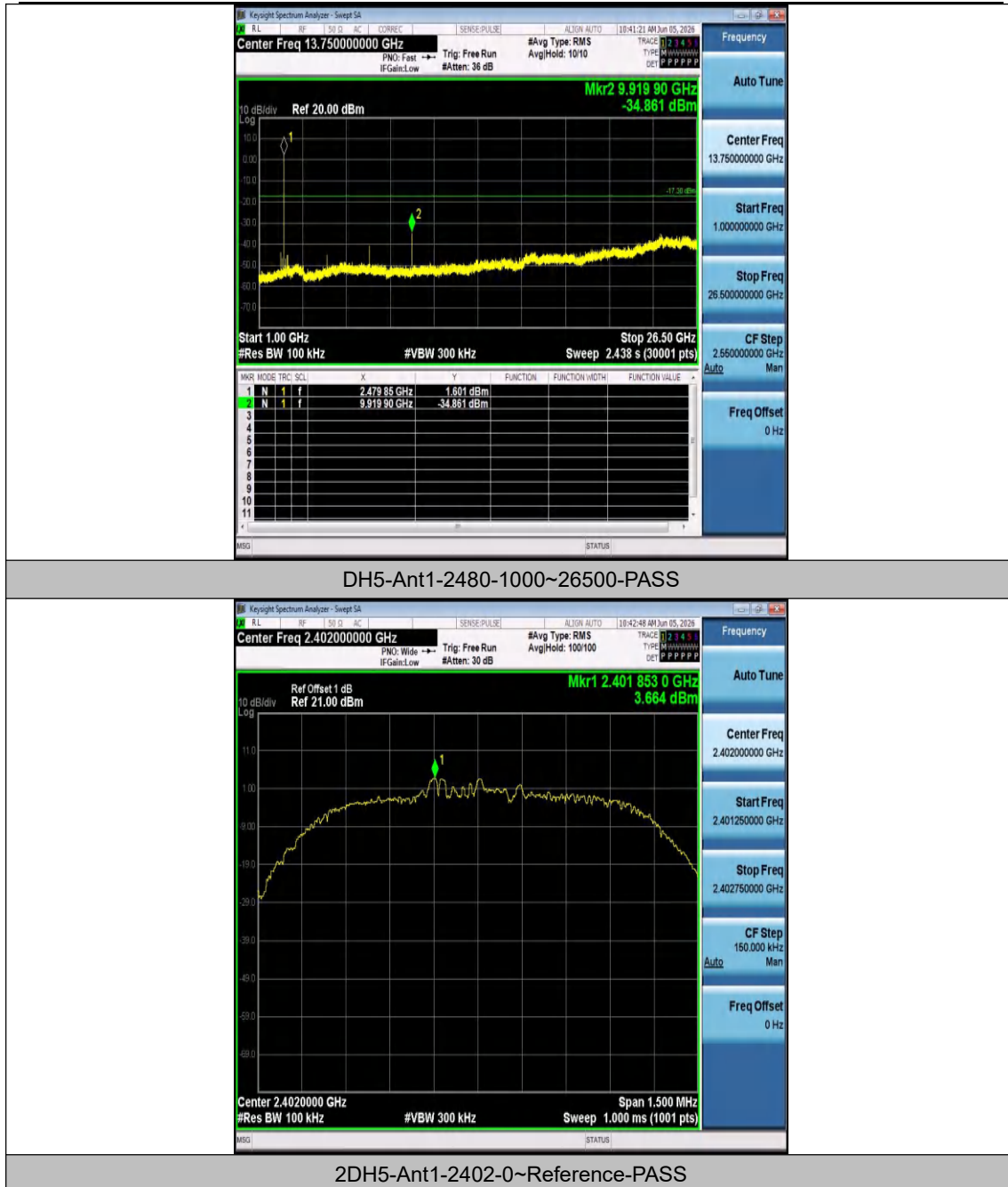
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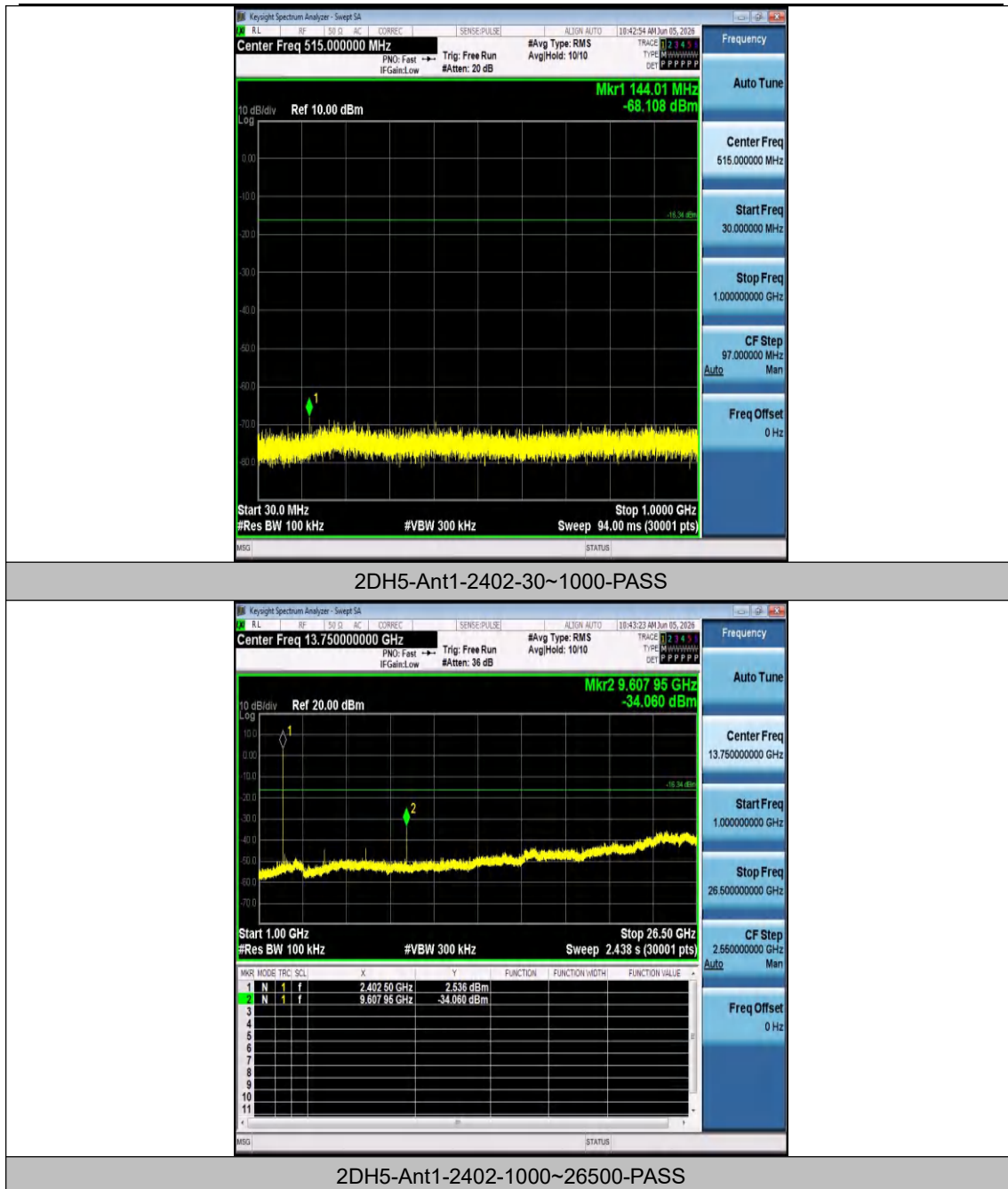
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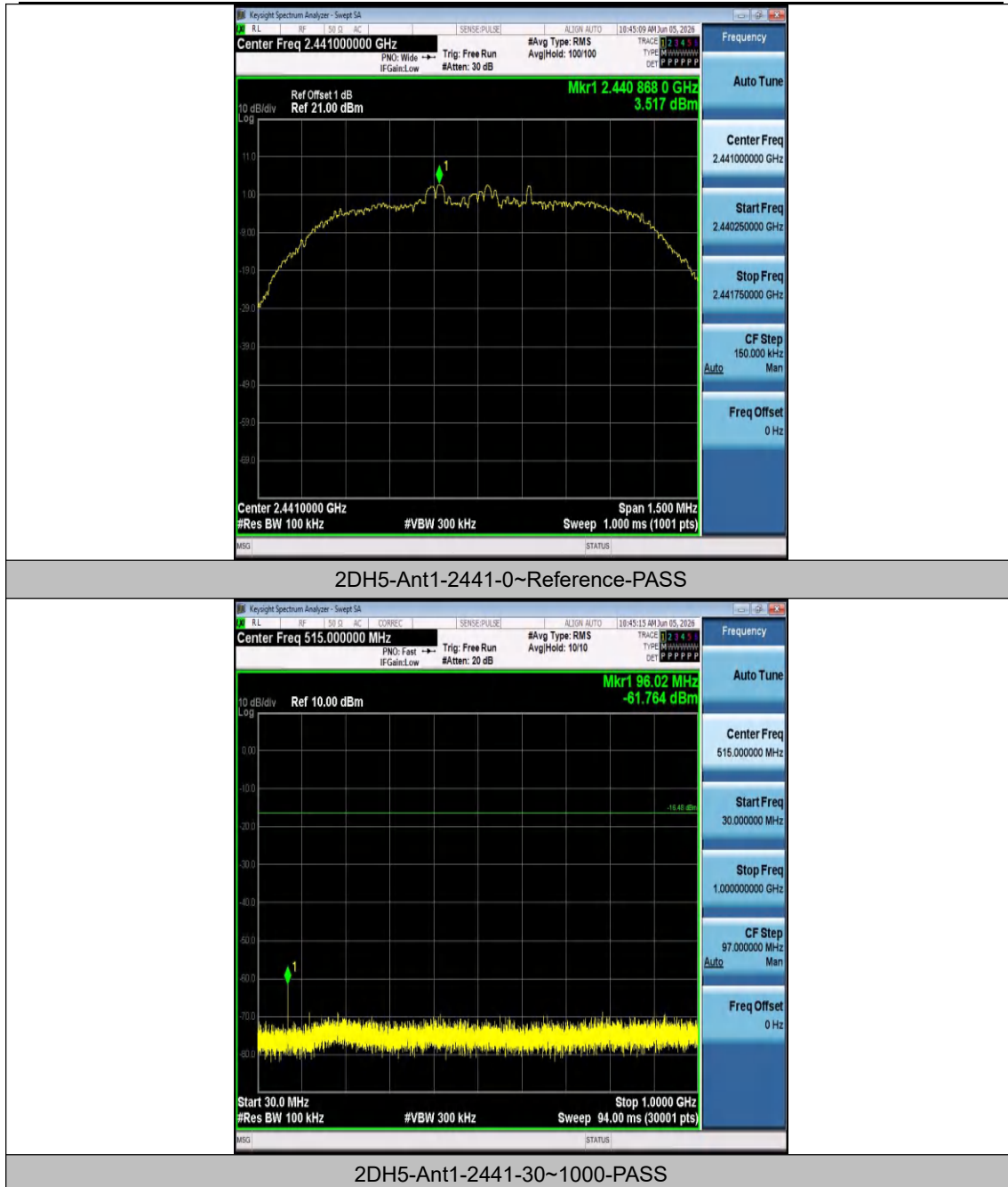
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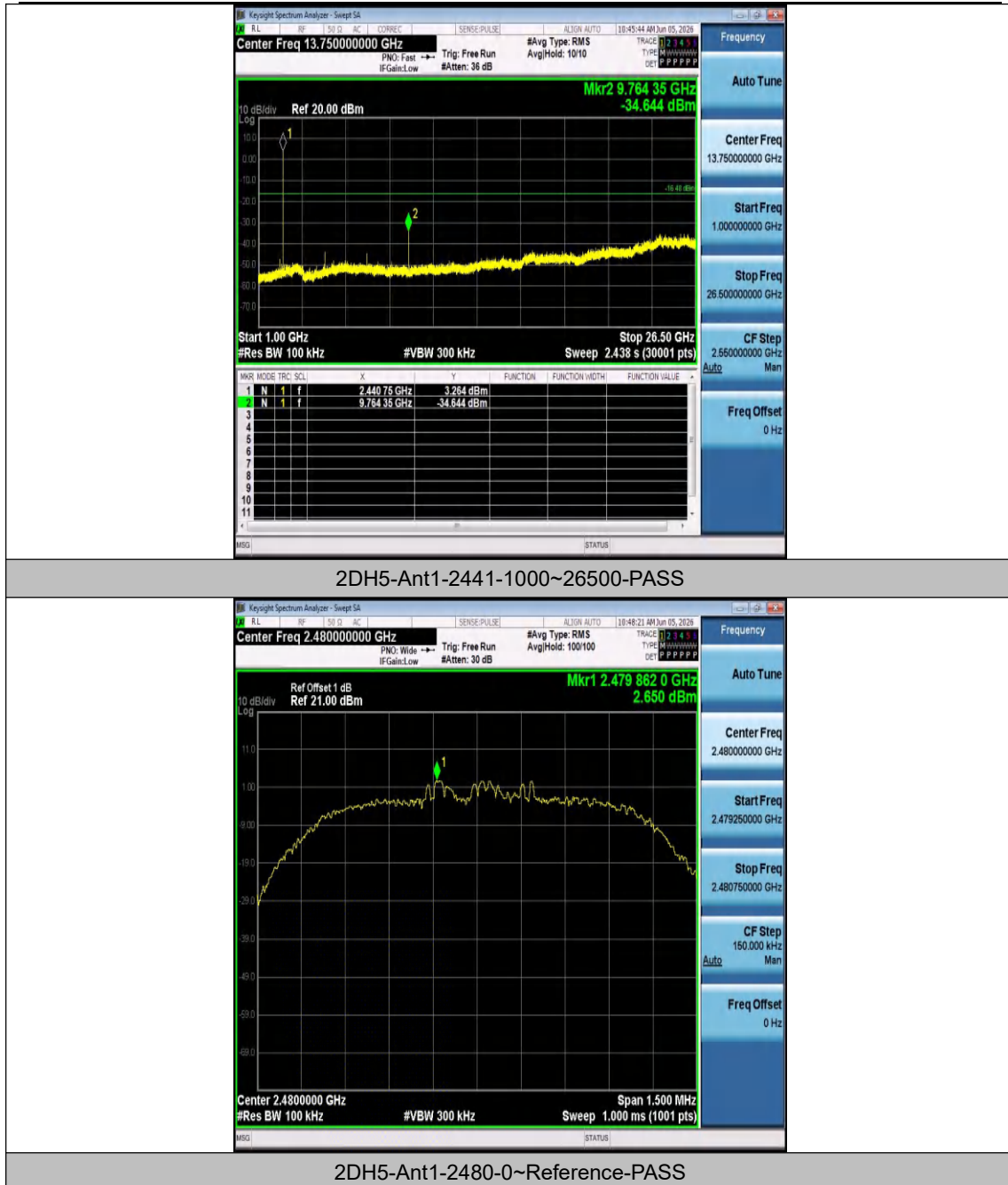
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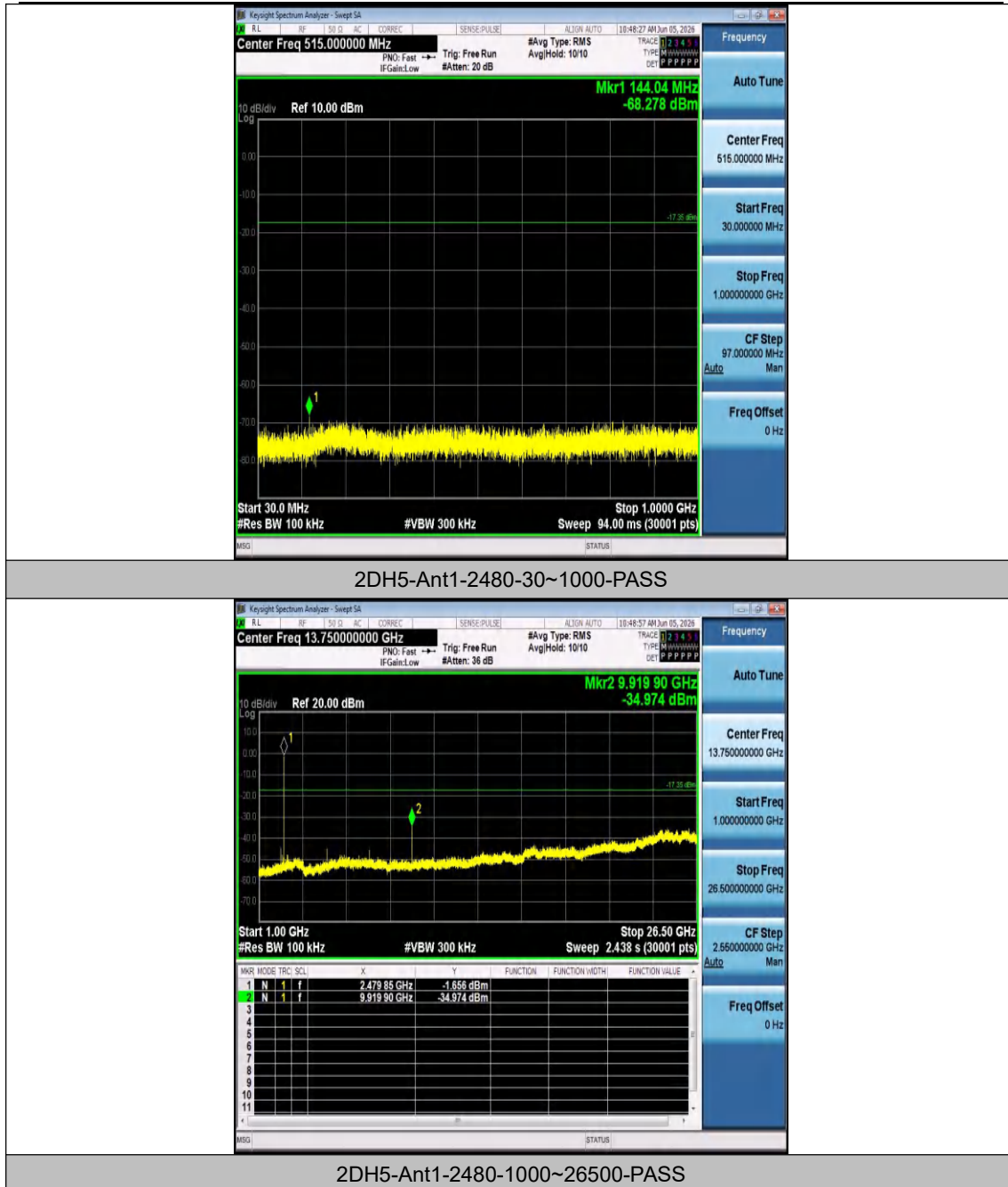
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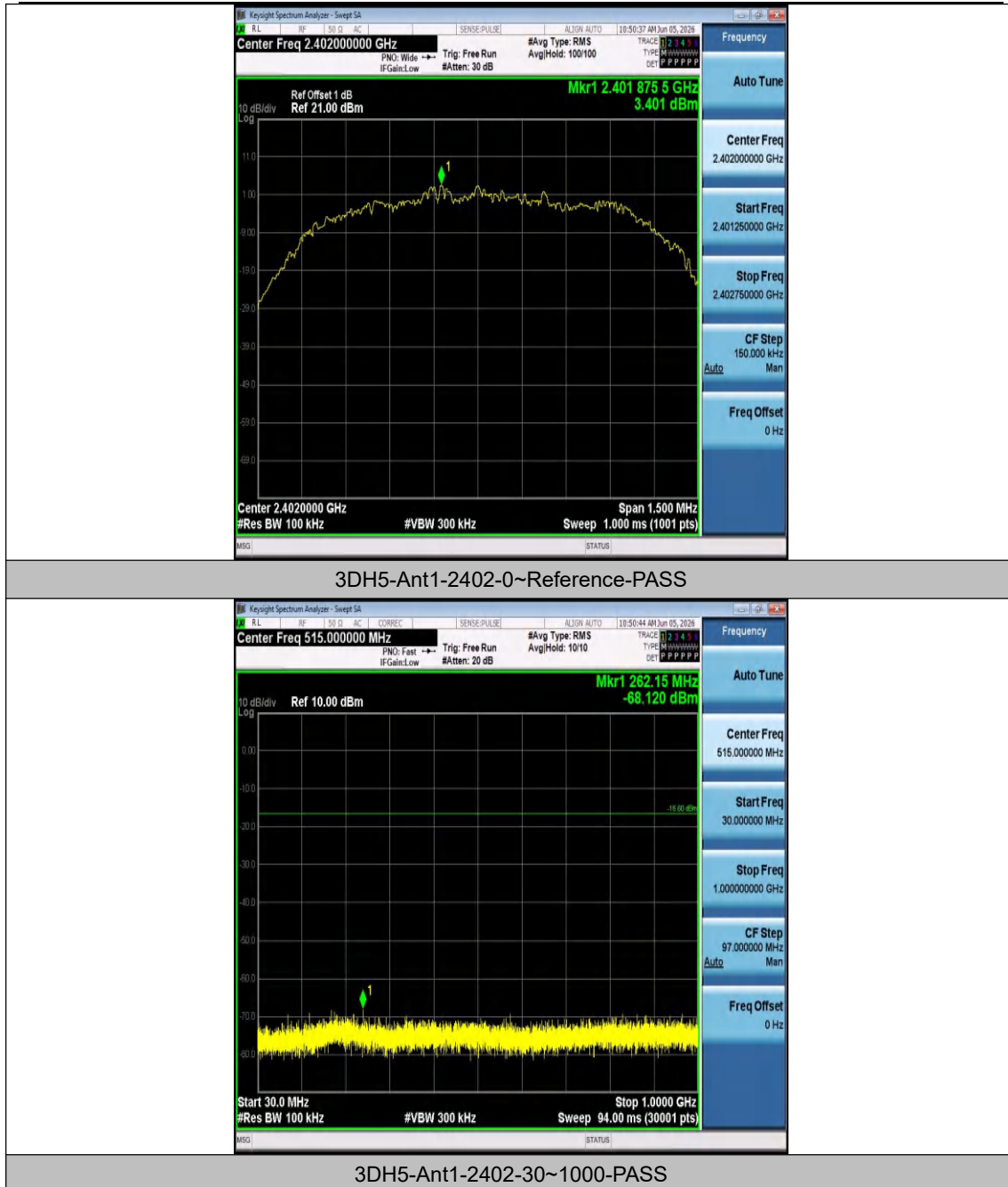
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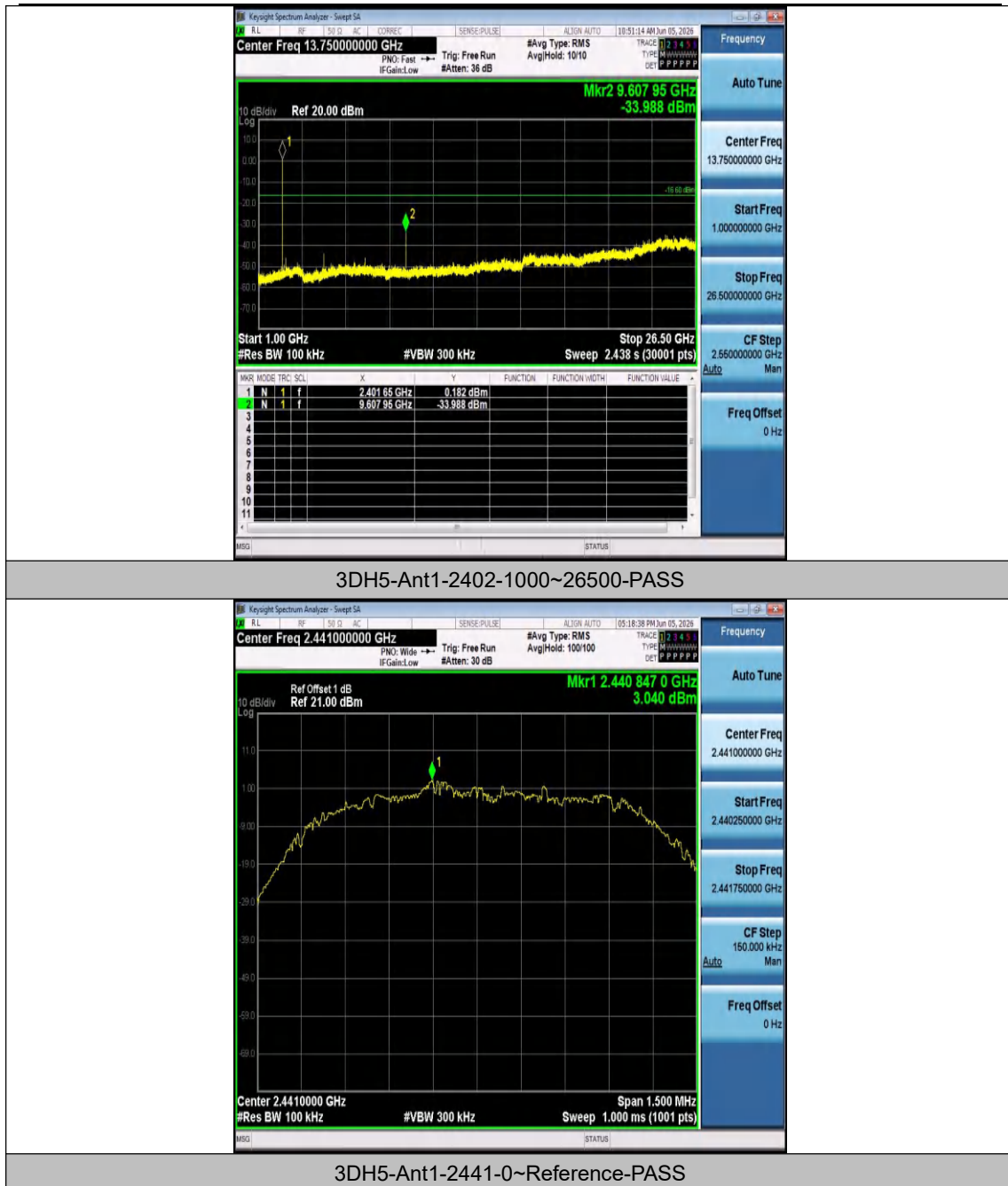
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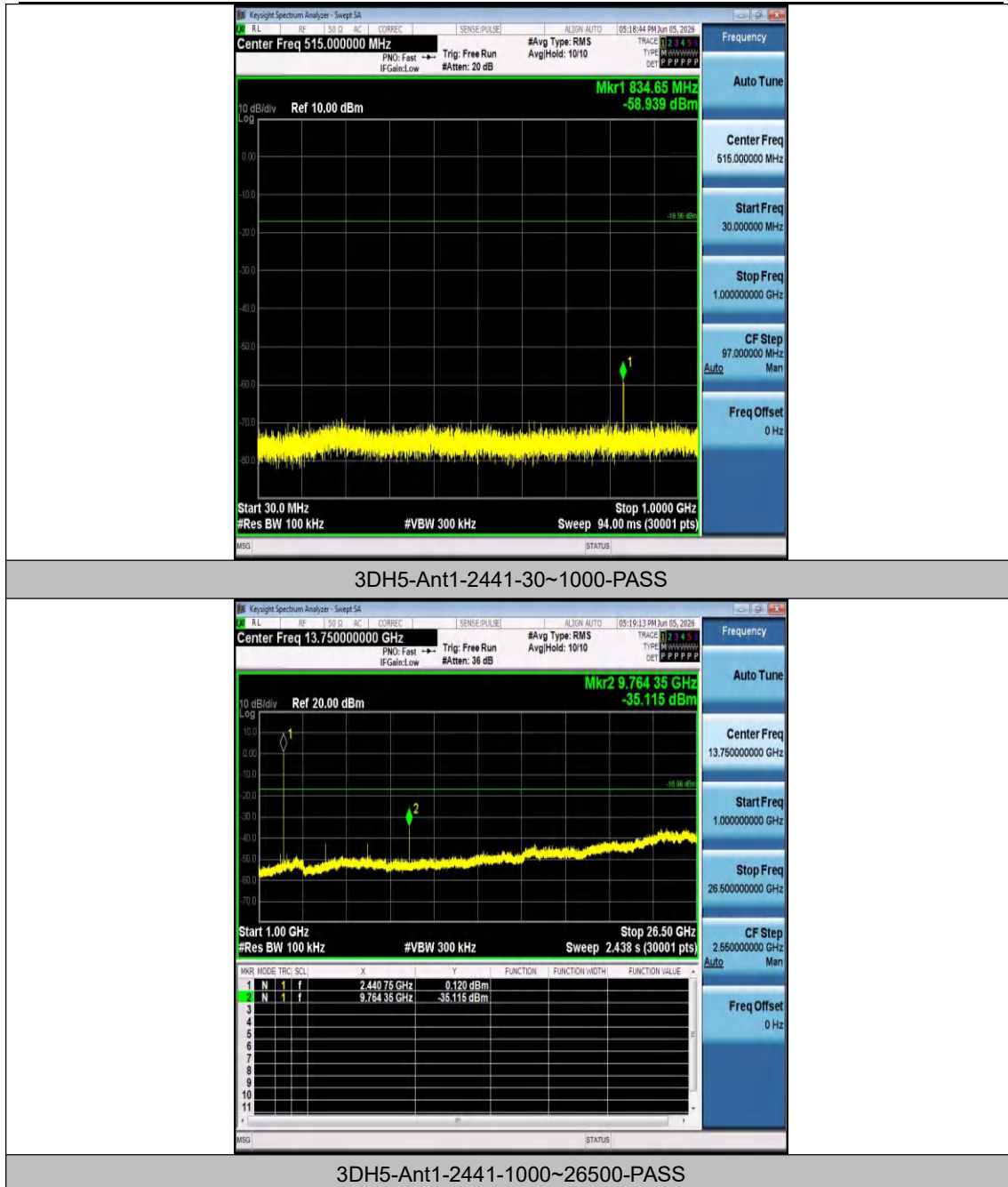


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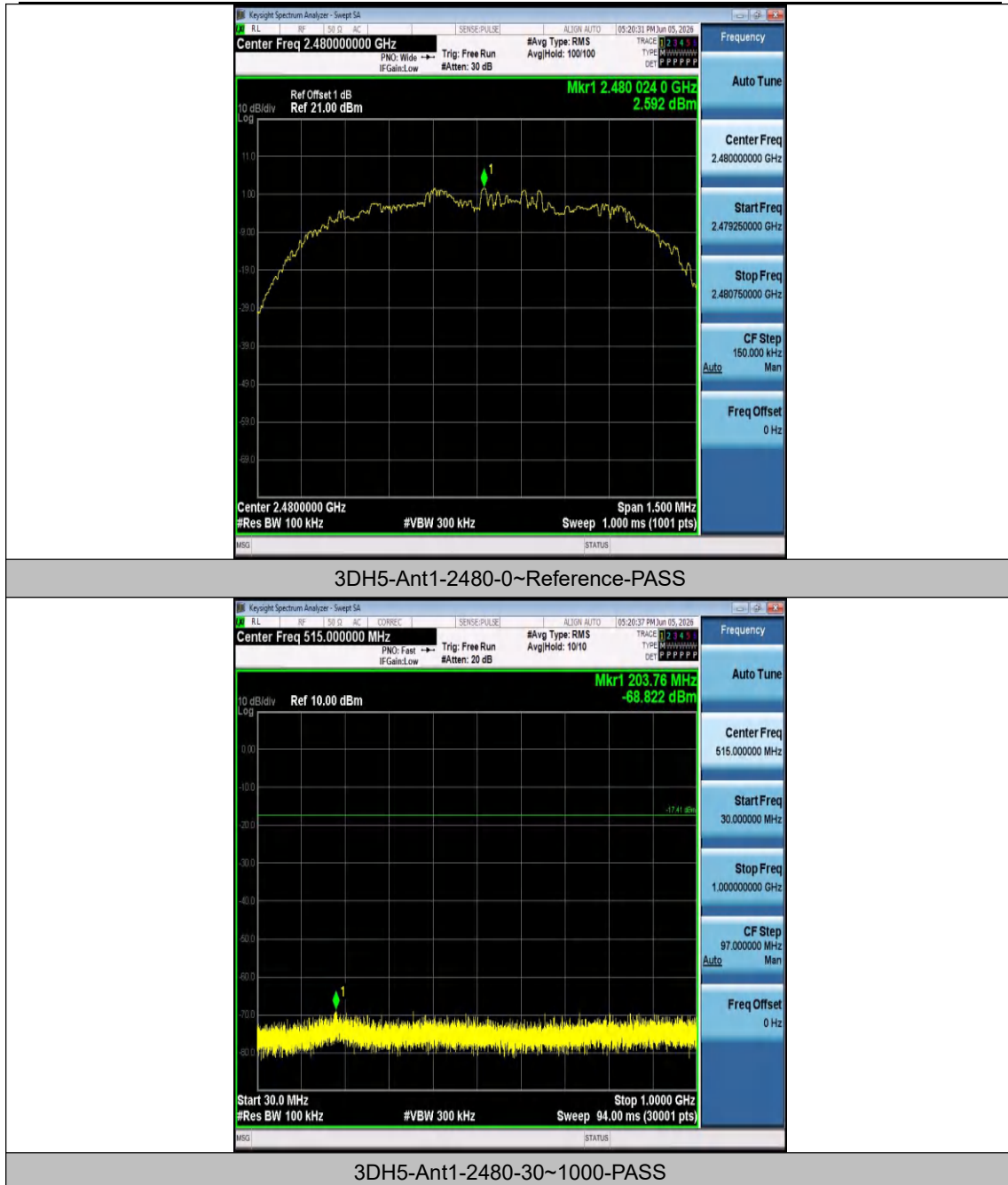




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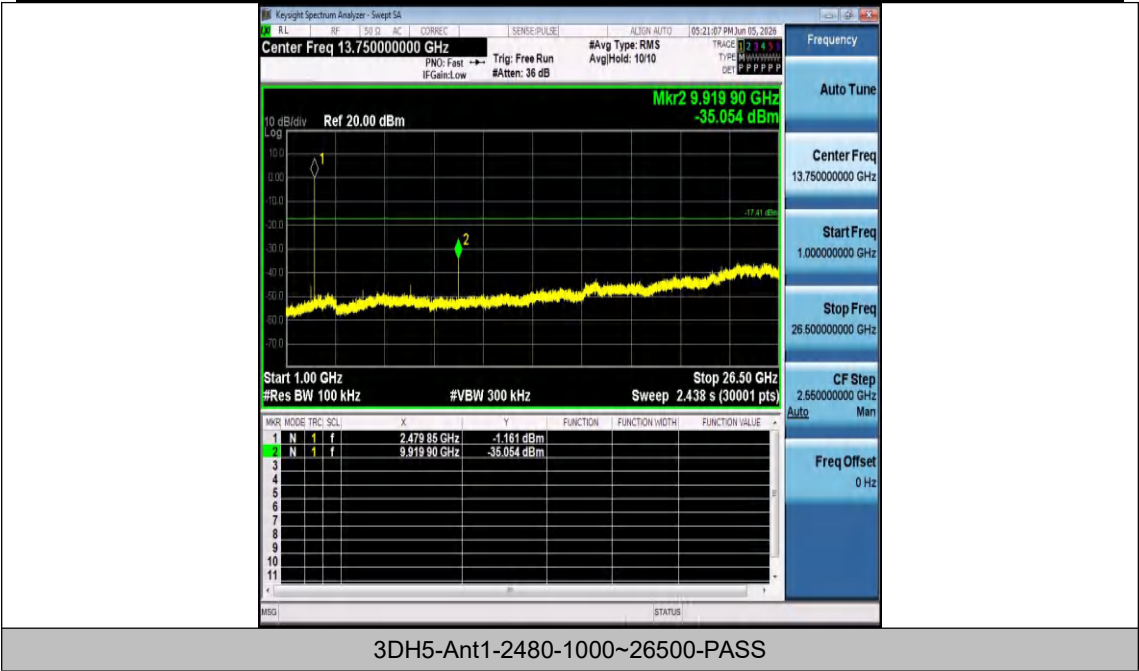
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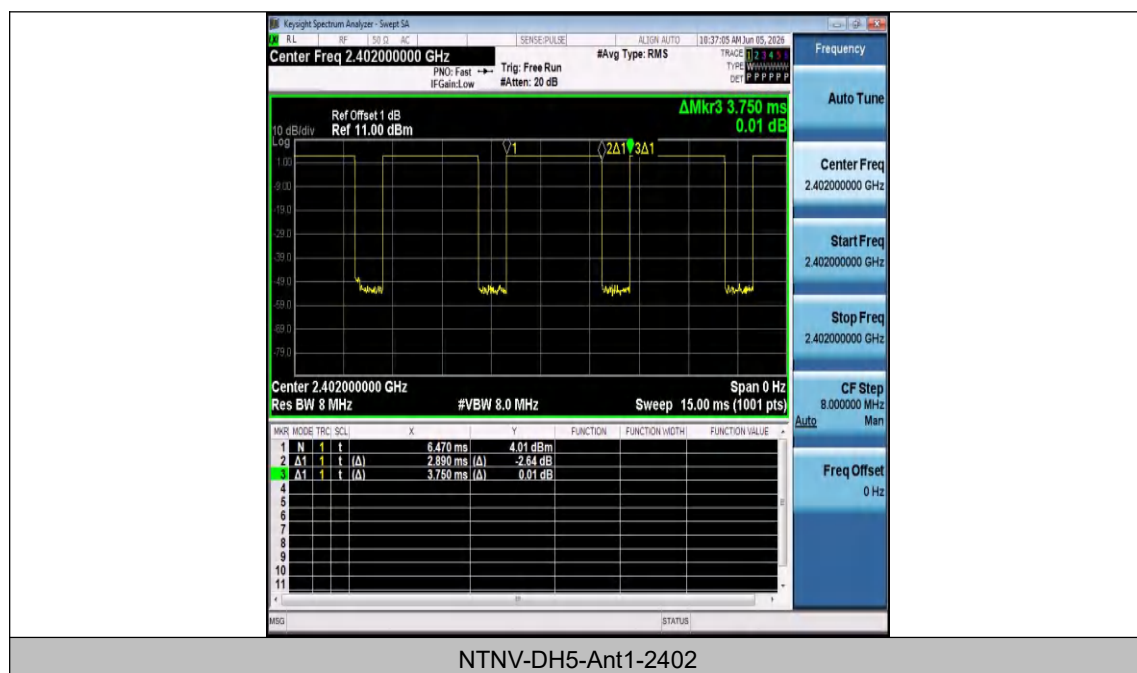
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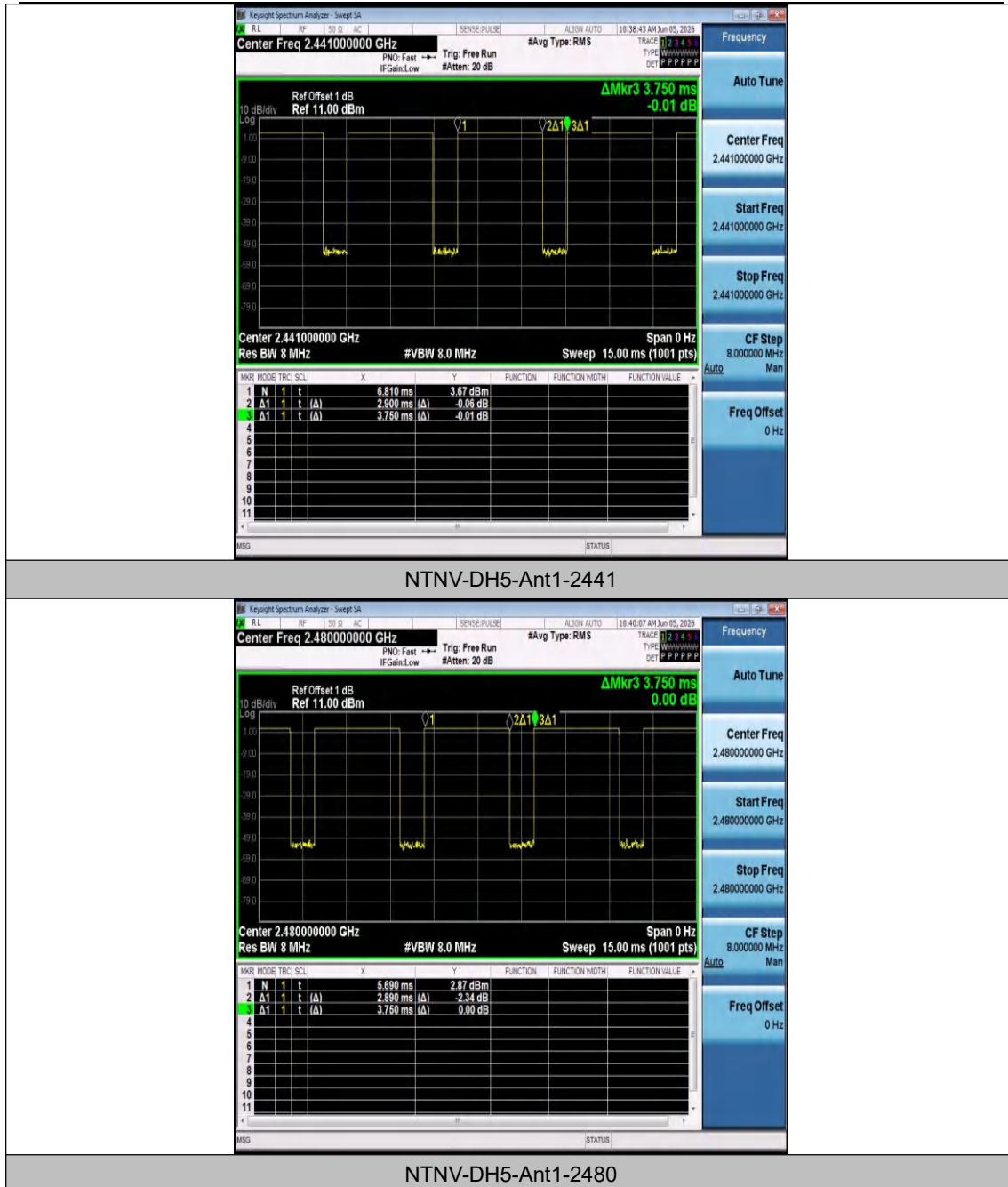
Appendix I: Duty Cycle

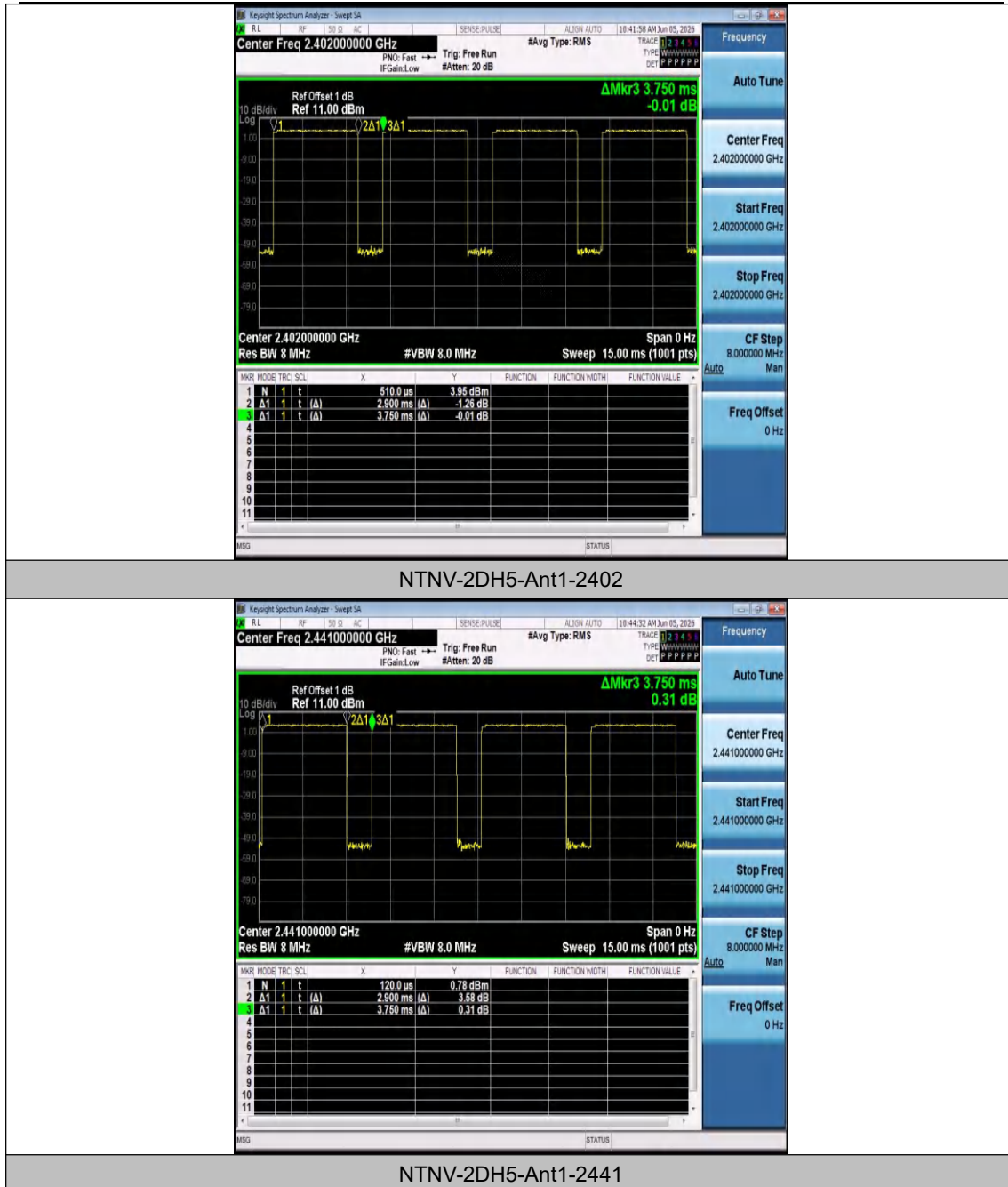
Test Result

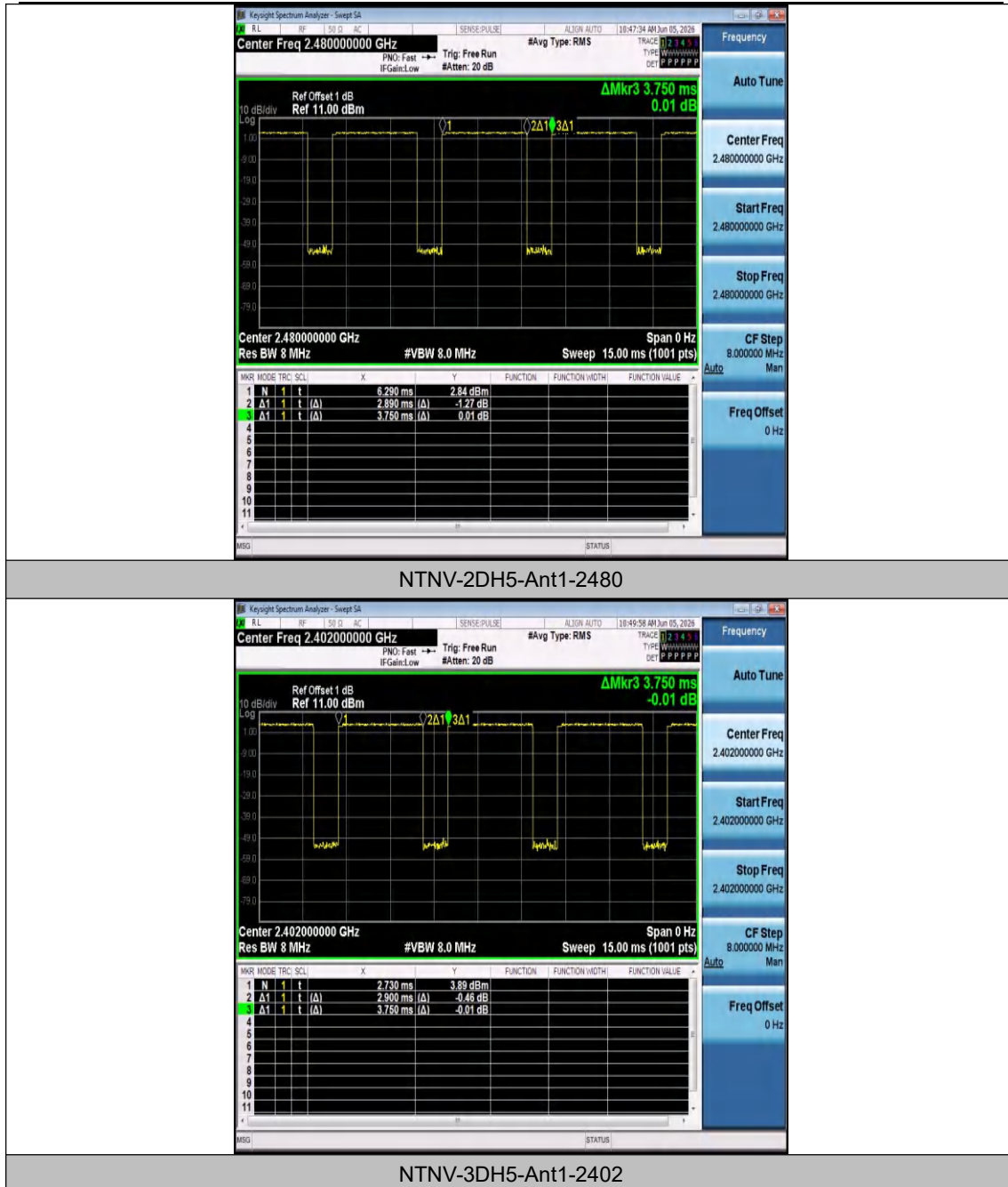
Test Mode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
DH5	Ant1	2402	2.89	3.75	77.07	1.13
DH5	Ant1	2441	2.90	3.75	77.33	1.12
DH5	Ant1	2480	2.89	3.75	77.07	1.13
2DH5	Ant1	2402	2.90	3.75	77.33	1.12
2DH5	Ant1	2441	2.90	3.75	77.33	1.12
2DH5	Ant1	2480	2.89	3.75	77.07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

Test Graphs











---End---