

Appendix Test Data

Report No.:	18220WC20284601	Test Sample No.:	1-2-2
Start Test Date:	2022.12.13	Finish Test Date:	2022.12.20
Test Engineer:	<i>Jony.He</i>	Auditor:	<i>Edward.Pan</i>
Temperature:	24.1℃	Relative Humidity:	40 %
Pressure:	1012 hPa		

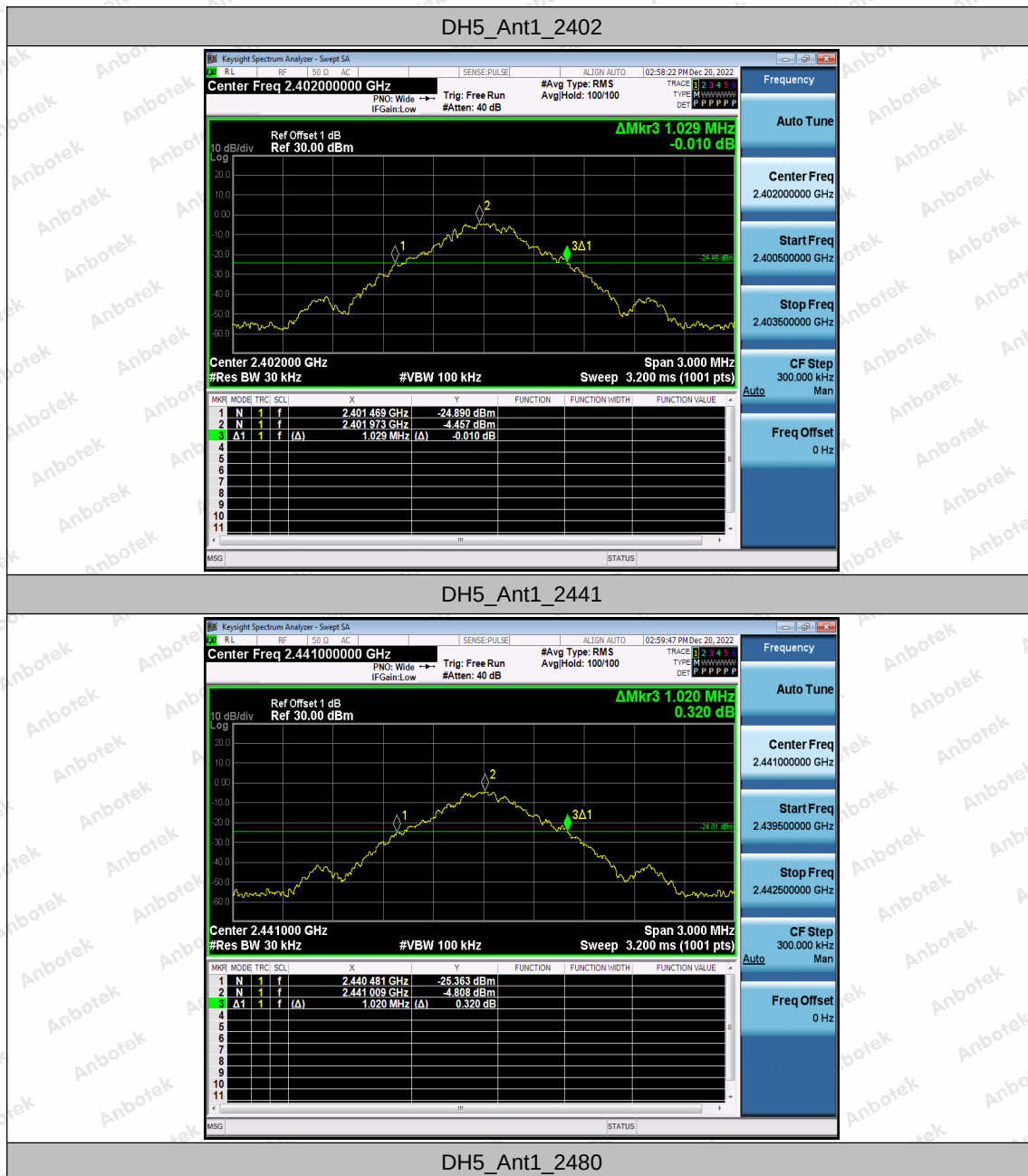
Appendix A: 20dB Emission Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	1.029	2401.469	2402.498	---	---
		2441	1.020	2440.481	2441.501	---	---
		2480	1.026	2479.472	2480.498	---	---
2DH5	Ant1	2402	1.284	2401.370	2402.654	---	---
		2441	1.296	2440.361	2441.657	---	---
		2480	1.323	2479.340	2480.663	---	---
3DH5	Ant1	2402	1.278	2401.370	2402.648	---	---
		2441	1.314	2440.346	2441.660	---	---
		2480	1.278	2479.352	2480.630	---	---



Test Graphs



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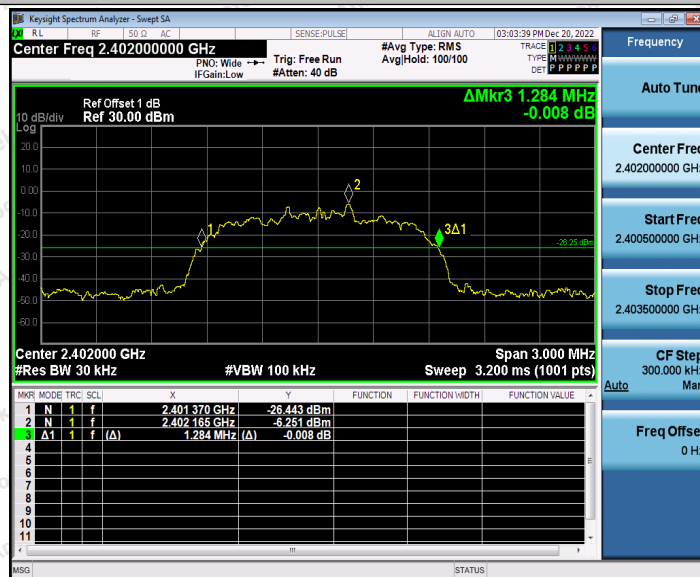


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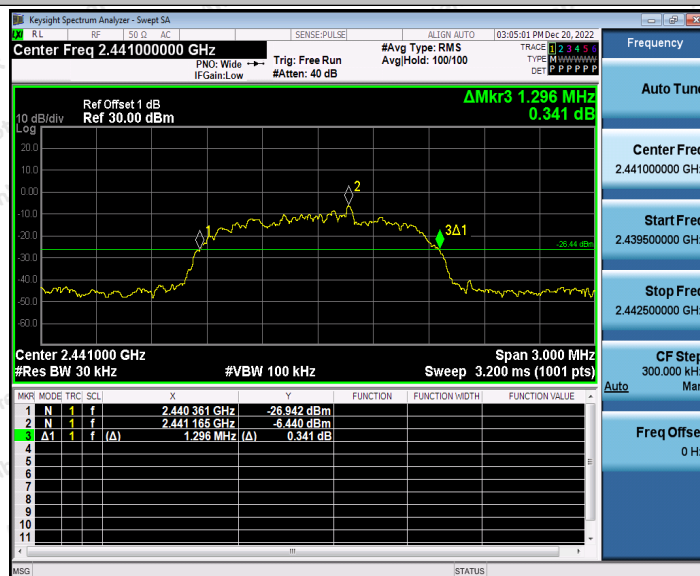




2DH5_Ant1_2402



2DH5_Ant1_2441



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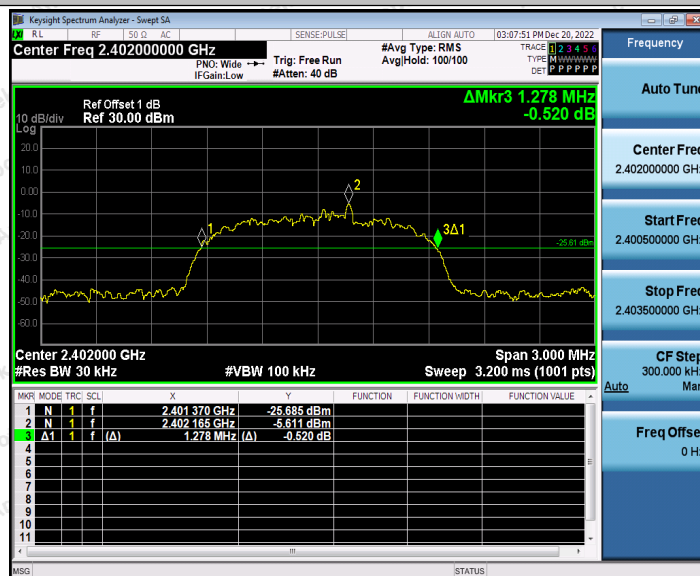
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2DH5_Ant1_2480



3DH5_Ant1_2402



3DH5_Ant1_2441

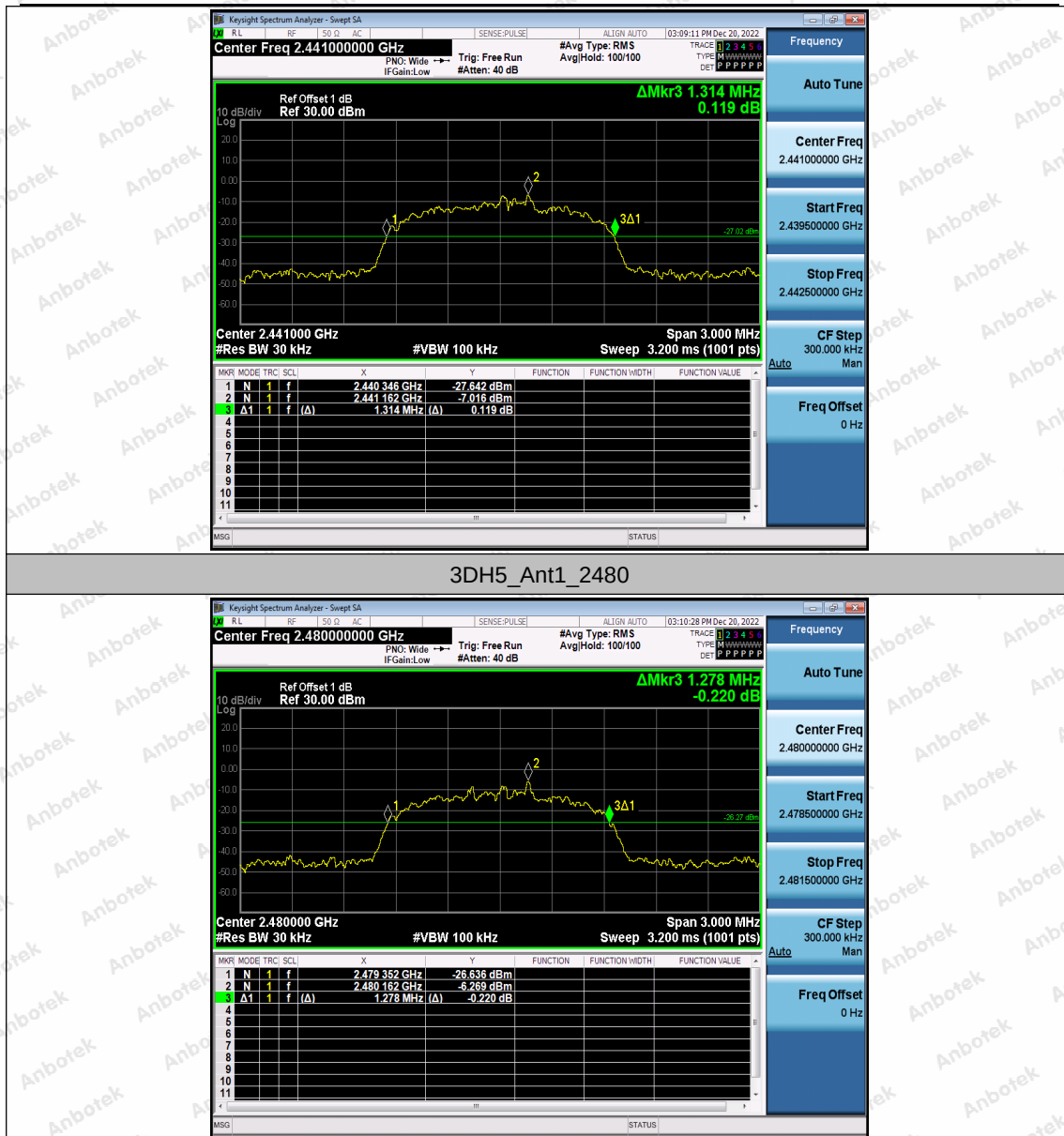
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Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.90406	2401.5553	2402.4594	---	---
		2441	0.90334	2440.5511	2441.4544	---	---
		2480	0.91864	2479.5477	2480.4664	---	---
2DH5	Ant1	2402	1.1813	2401.4091	2402.5904	---	---
		2441	1.1891	2440.4074	2441.5965	---	---
		2480	1.1956	2479.4037	2480.5993	---	---
3DH5	Ant1	2402	1.2063	2401.3934	2402.5997	---	---
		2441	1.1952	2440.4062	2441.6014	---	---
		2480	1.2006	2479.4045	2480.6051	---	---



Test Graphs



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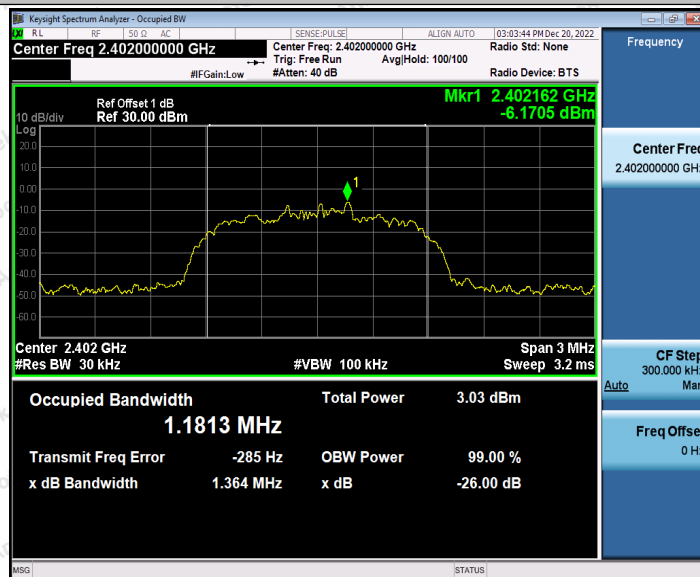


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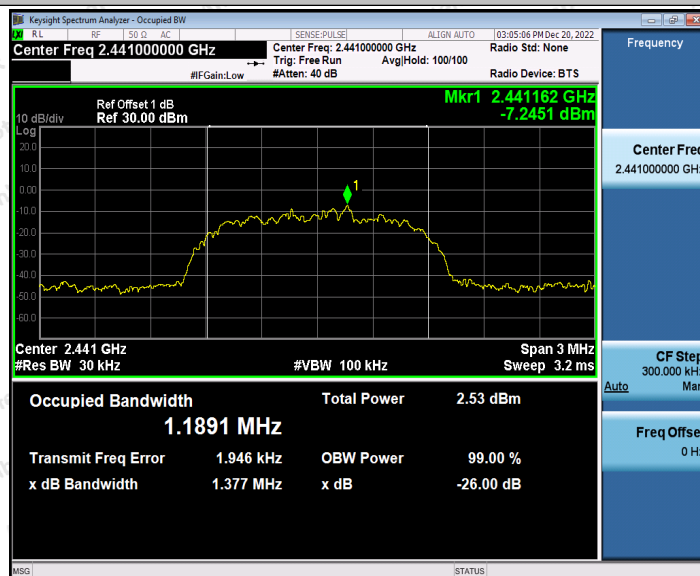




2DH5_Ant1_2402



2DH5_Ant1_2441



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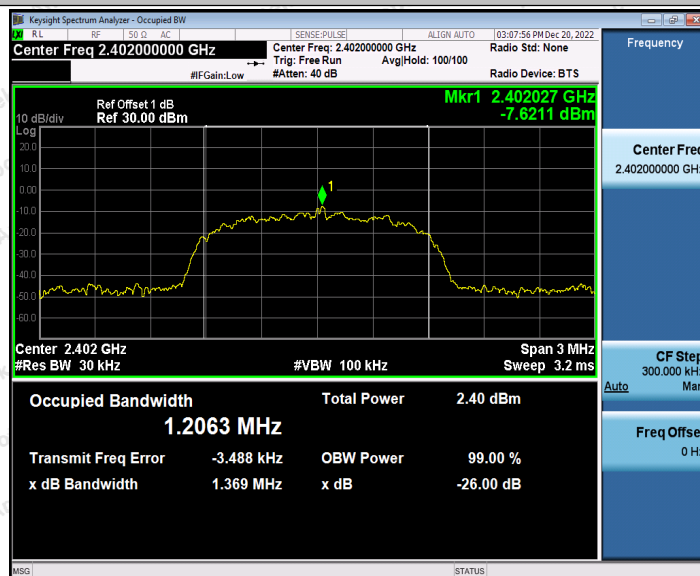
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2DH5_Ant1_2480



3DH5_Ant1_2402



3DH5_Ant1_2441

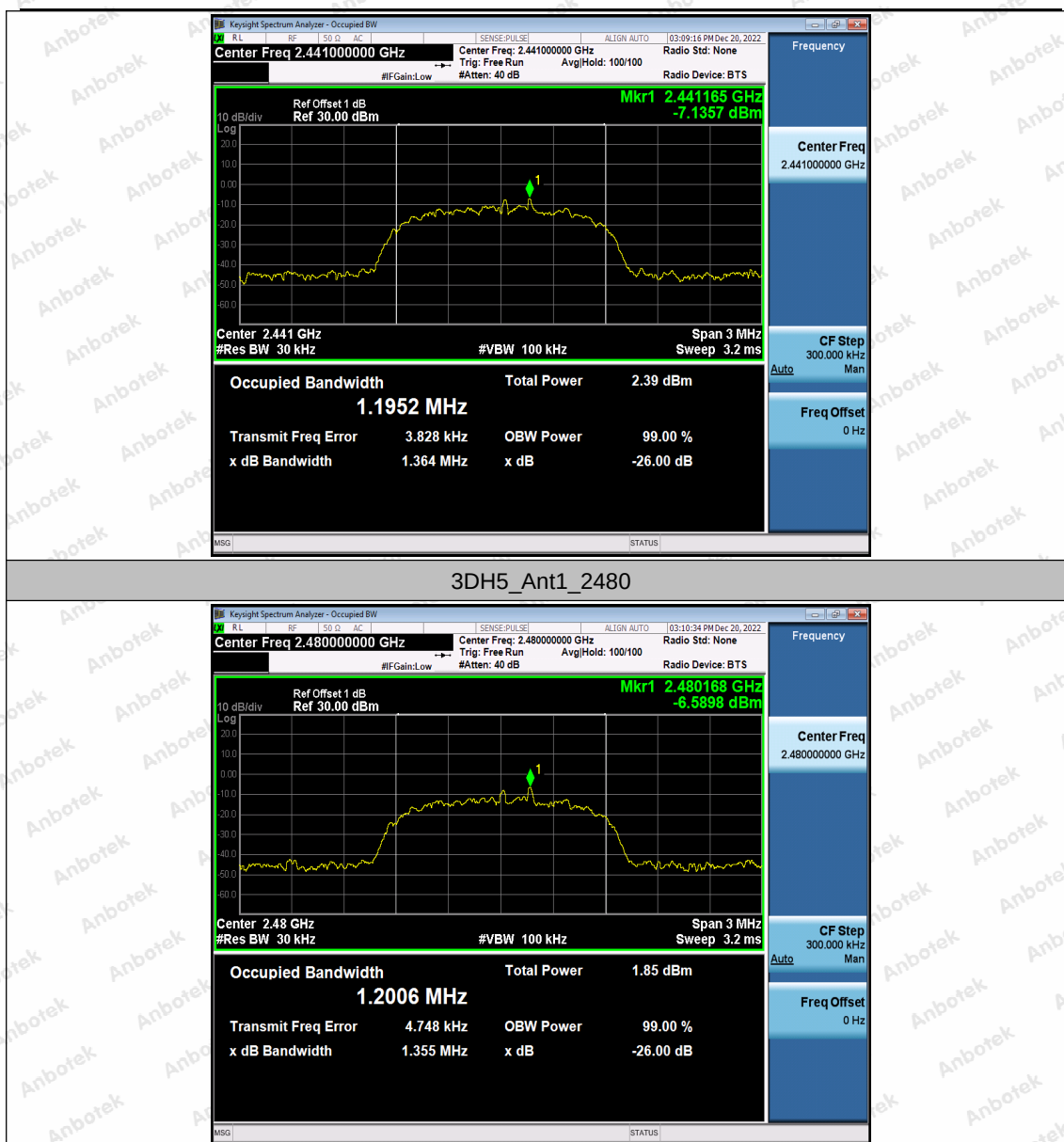
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Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	-1.63	≤20.97	PASS
		2441	-2.00	≤20.97	PASS
		2480	-2.74	≤20.97	PASS
2DH5	Ant1	2402	-2.43	≤20.97	PASS
		2441	-2.72	≤20.97	PASS
		2480	-3.41	≤20.97	PASS
3DH5	Ant1	2402	-2.27	≤20.97	PASS
		2441	-2.55	≤20.97	PASS
		2480	-3.29	≤20.97	PASS



Test Graphs



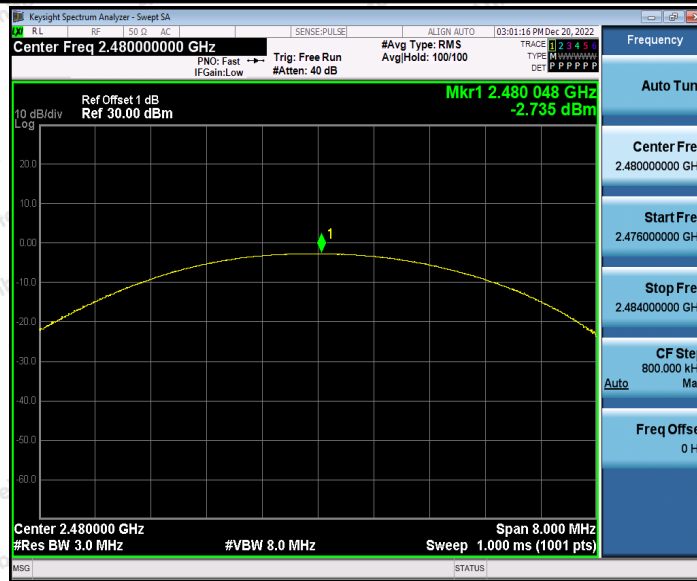
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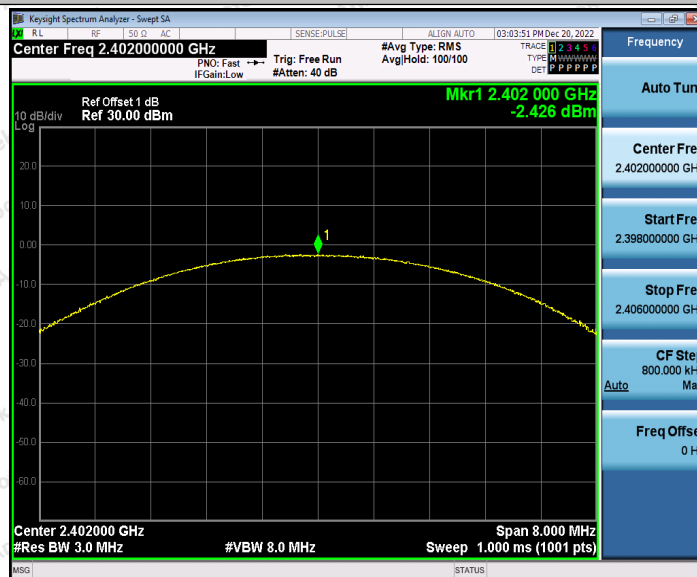


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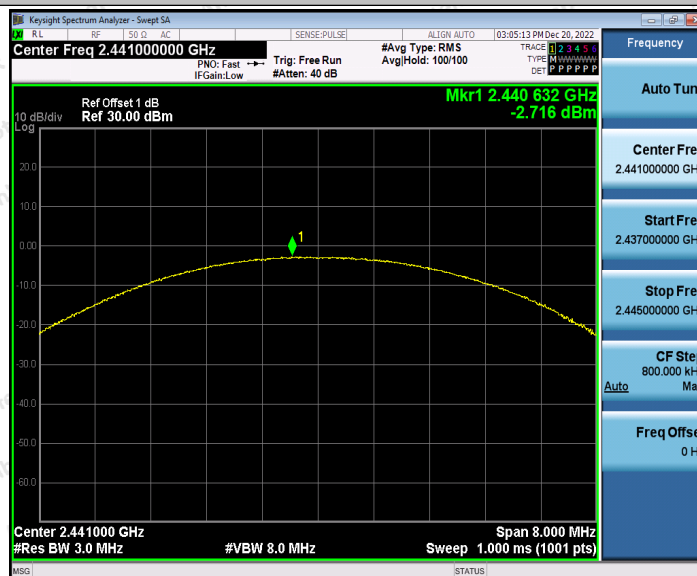




2DH5_Ant1_2402



2DH5_Ant1_2441



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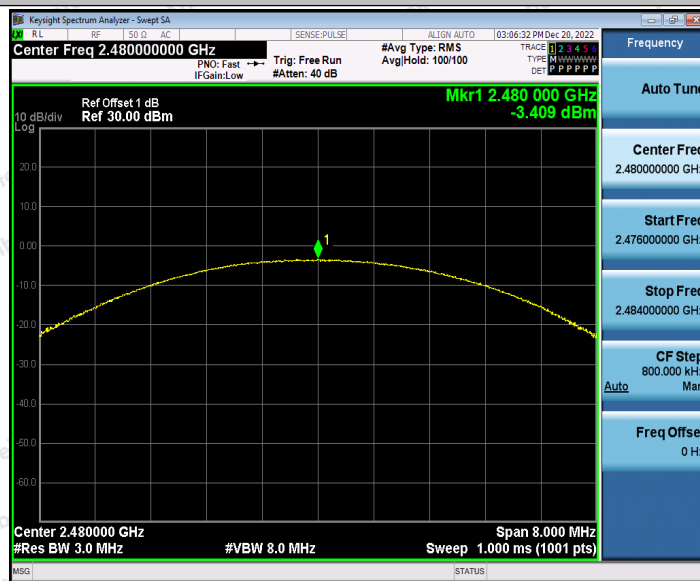
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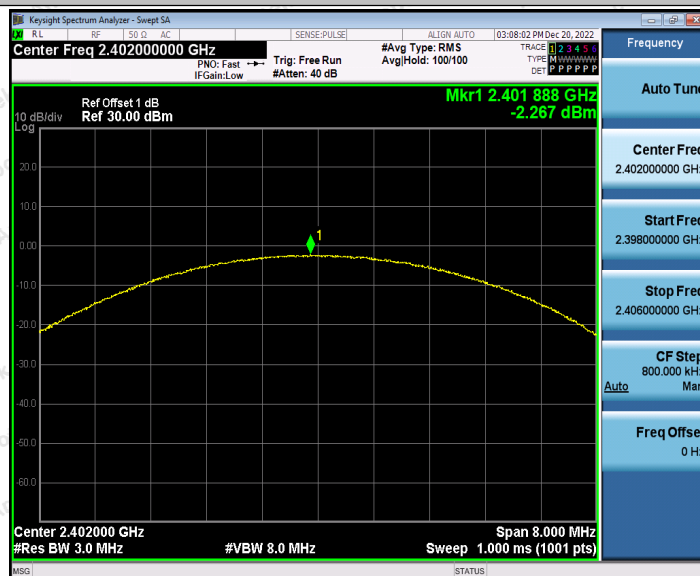
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2DH5_Ant1_2480



3DH5_Ant1_2402



3DH5_Ant1_2441

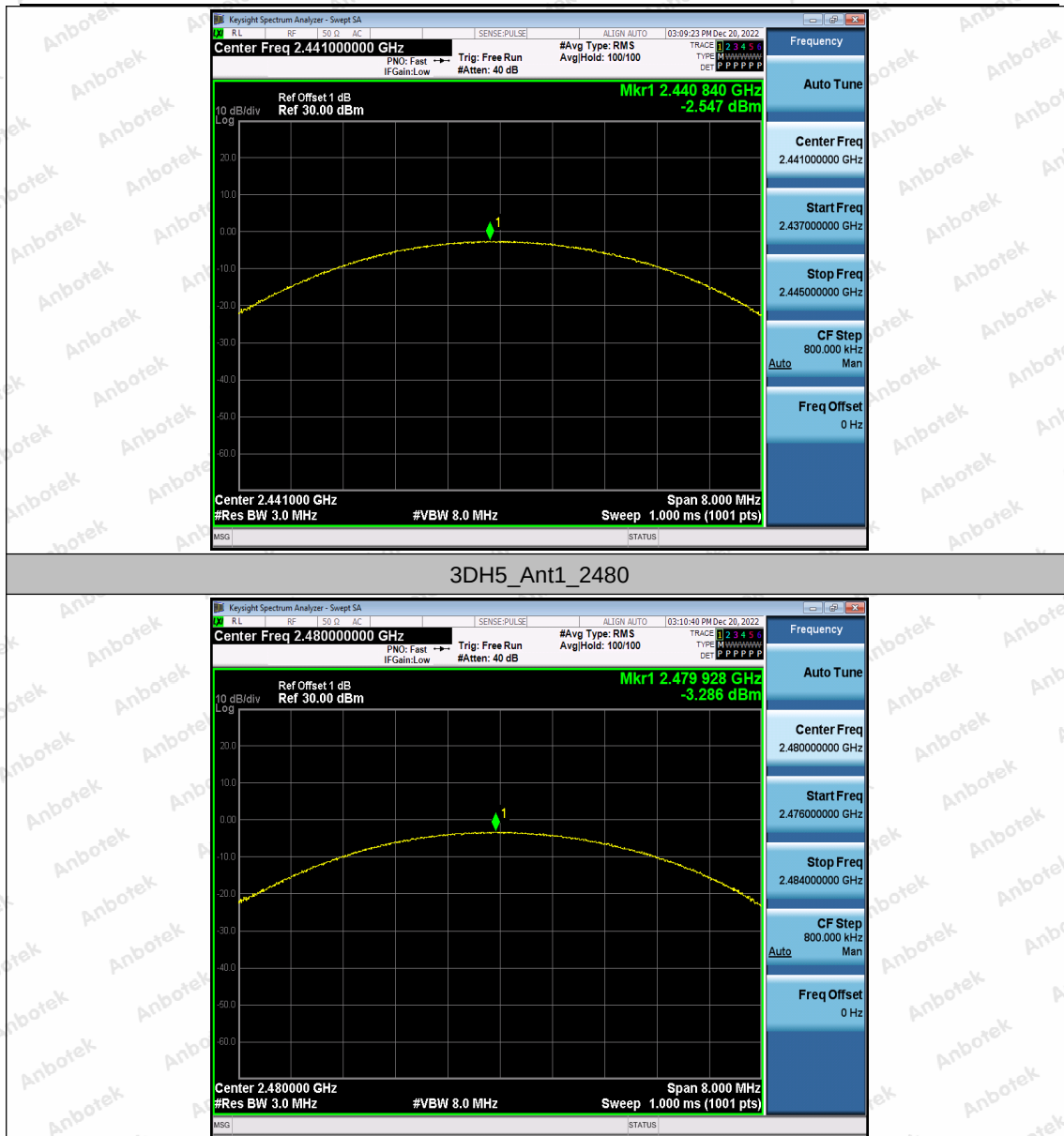
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Appendix D: Carrier frequency separation

Test Result

TestMode	Antenna	Frequency[MHz]	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	0.696	≥0.686	PASS
2DH5	Ant1	Hop	1.326	≥0.882	PASS
3DH5	Ant1	Hop	1.010	≥0.876	PASS



Test Graphs



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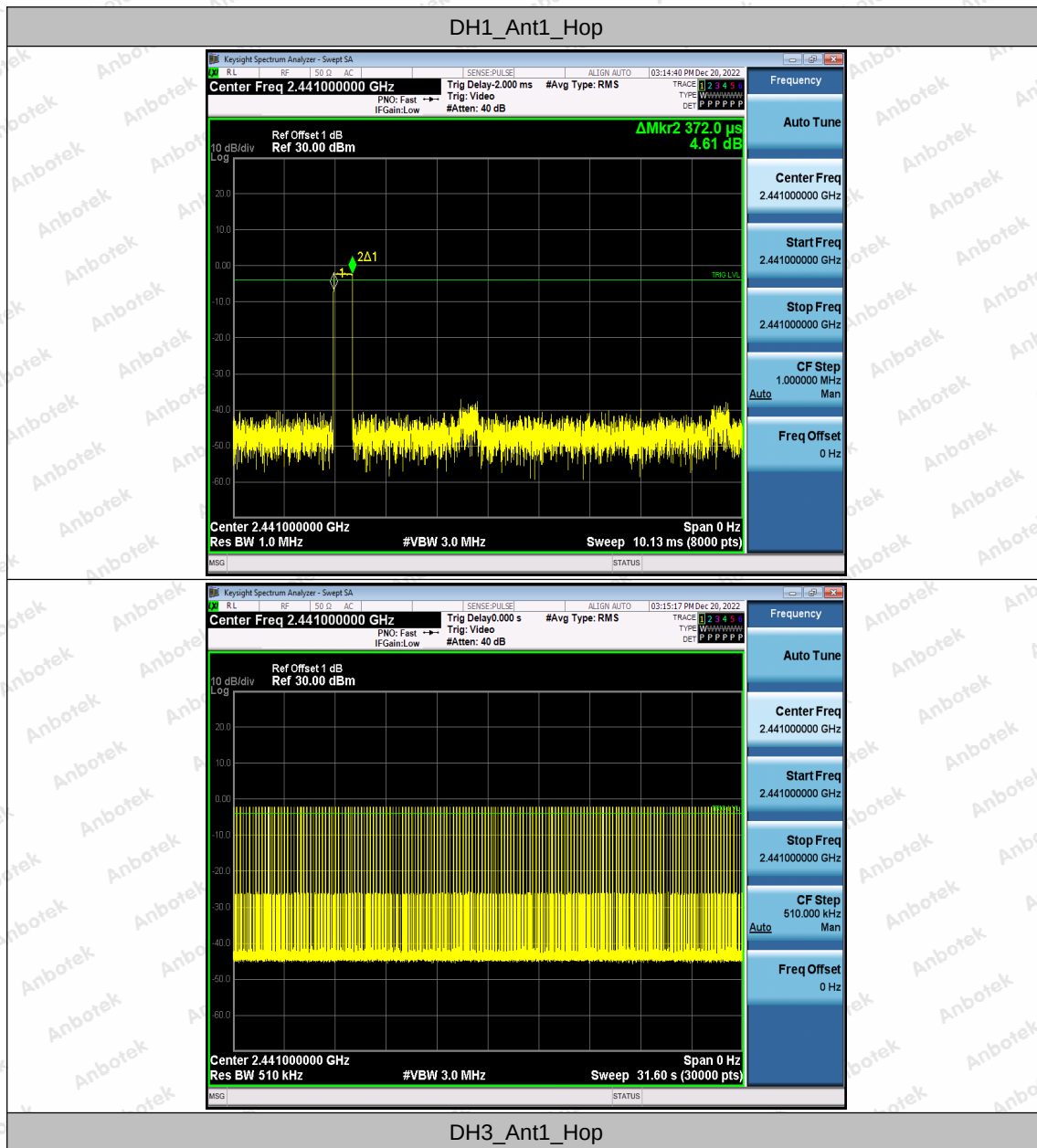
Appendix E: Time of occupancy

Test Result

TestMode	Antenna	Frequency[MHz]	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.372	313	0.116	≤0.4	PASS
DH3	Ant1	Hop	1.628	157	0.256	≤0.4	PASS
DH5	Ant1	Hop	2.877	113	0.325	≤0.4	PASS
2DH1	Ant1	Hop	0.380	313	0.119	≤0.4	PASS
2DH3	Ant1	Hop	1.633	157	0.256	≤0.4	PASS
2DH5	Ant1	Hop	2.879	111	0.32	≤0.4	PASS
3DH1	Ant1	Hop	0.381	313	0.119	≤0.4	PASS
3DH3	Ant1	Hop	1.631	158	0.258	≤0.4	PASS
3DH5	Ant1	Hop	2.882	105	0.303	≤0.4	PASS



Test Graphs



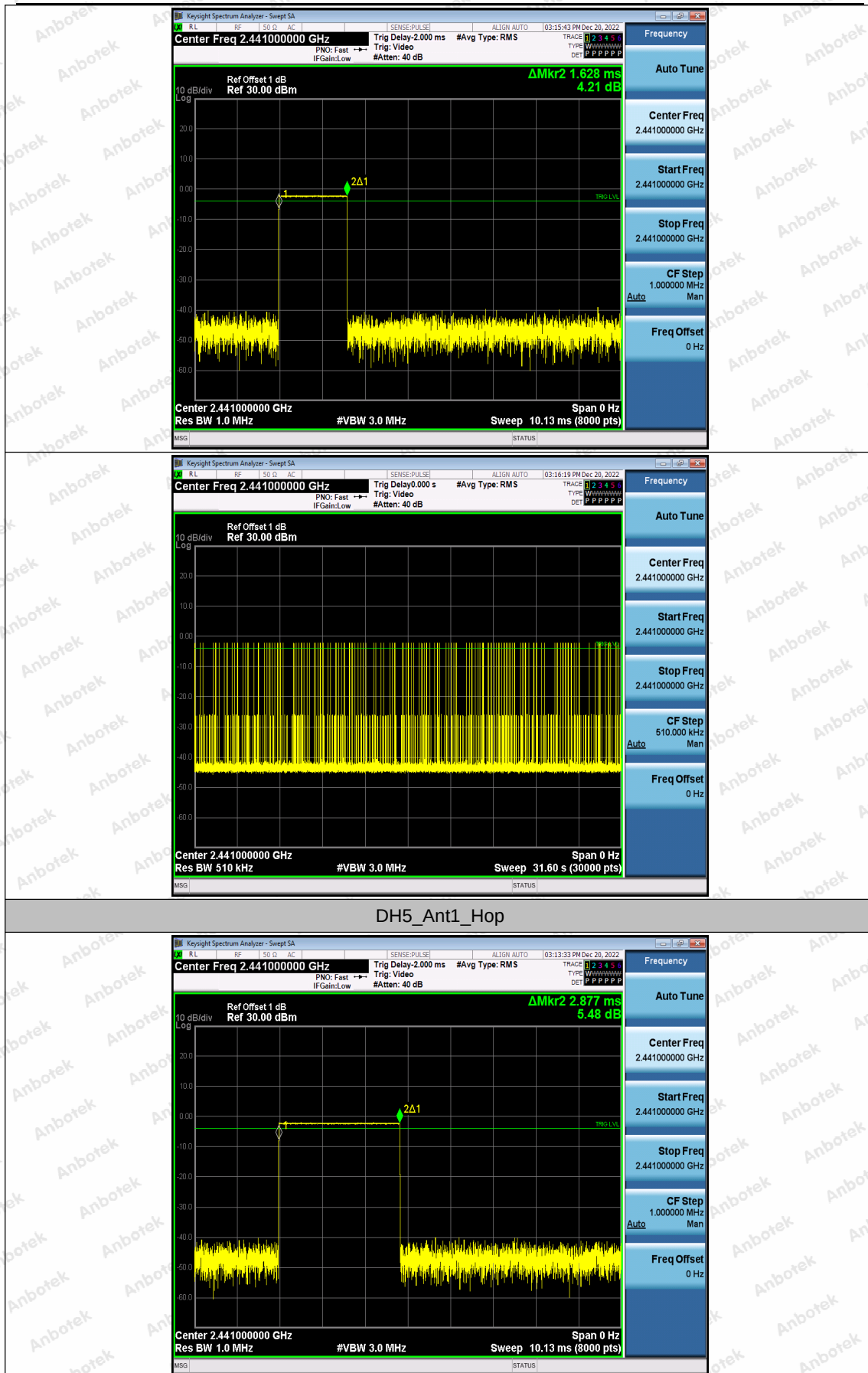
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DH5_Ant1_Hop

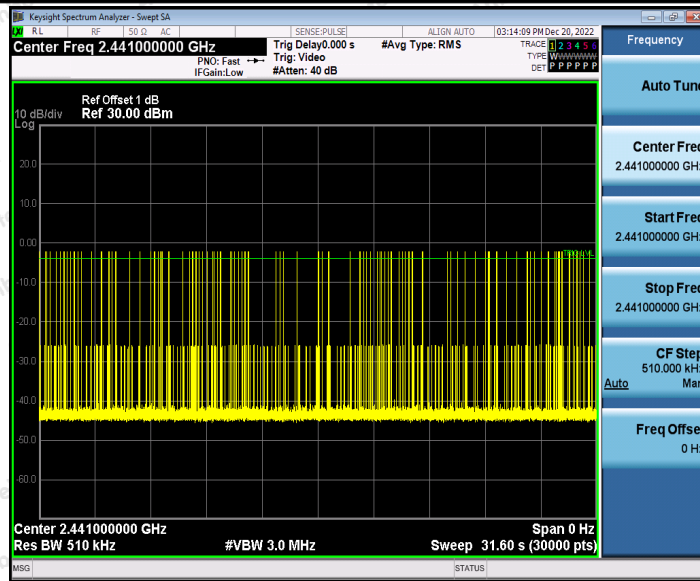
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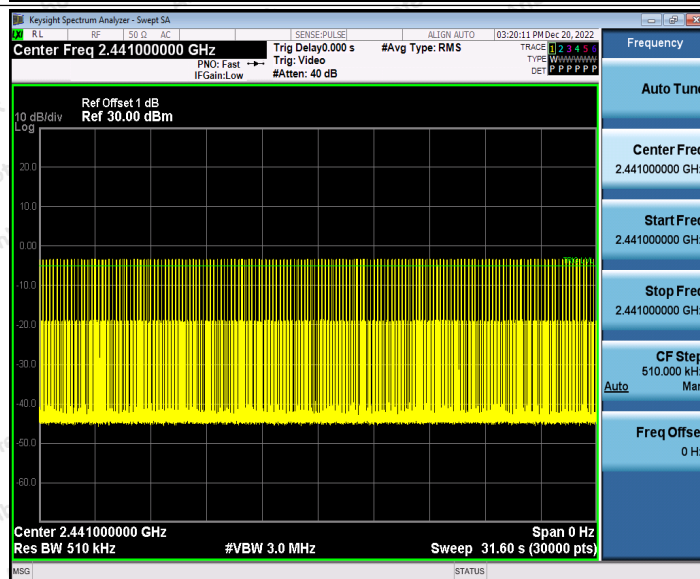
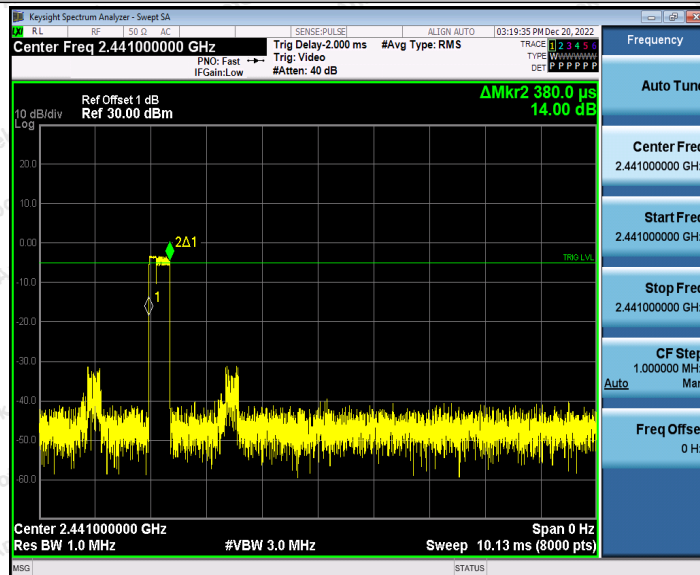


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2DH1_Ant1_Hop



2DH3_Ant1_Hop

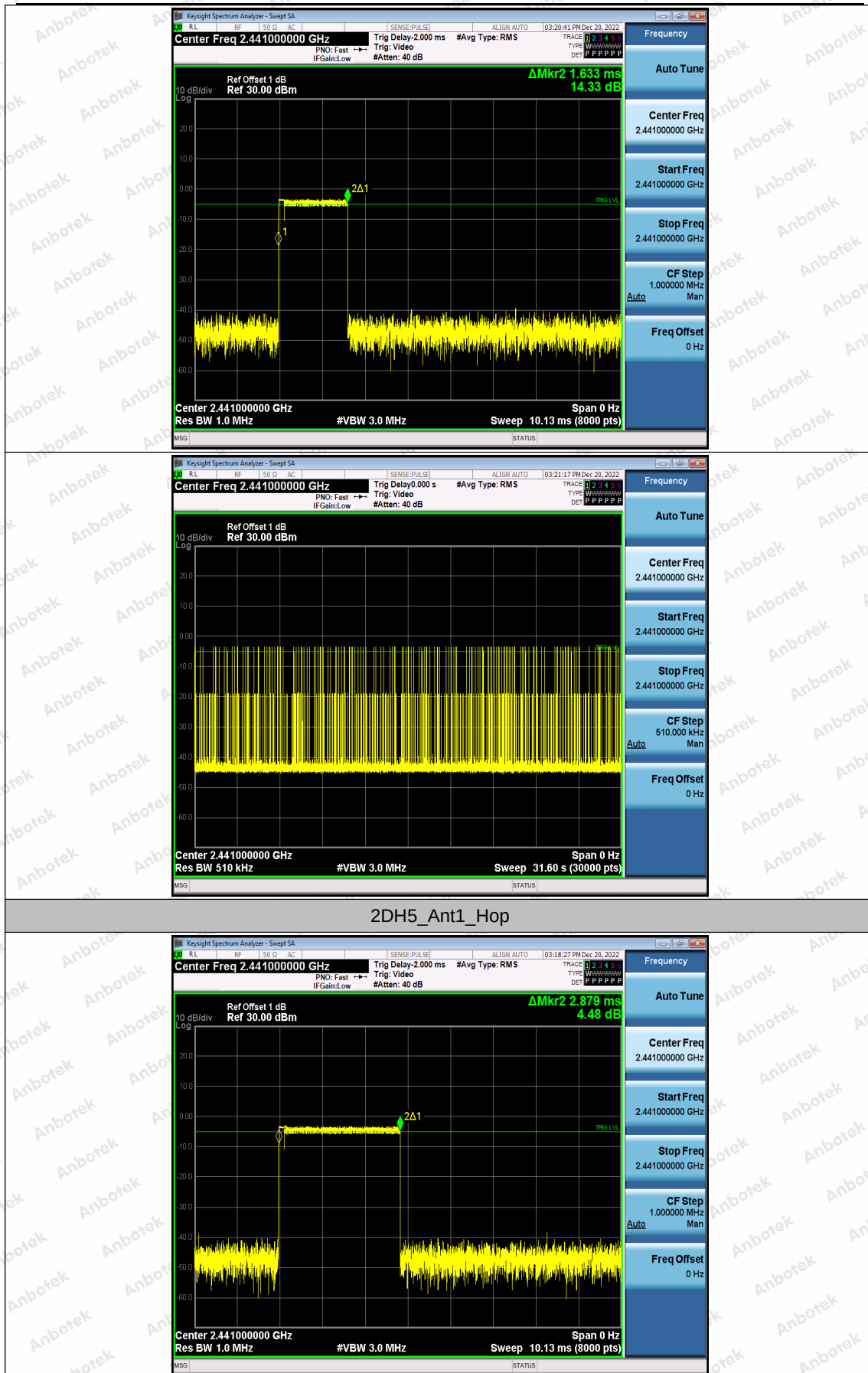
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2DH5_Ant1_Hop

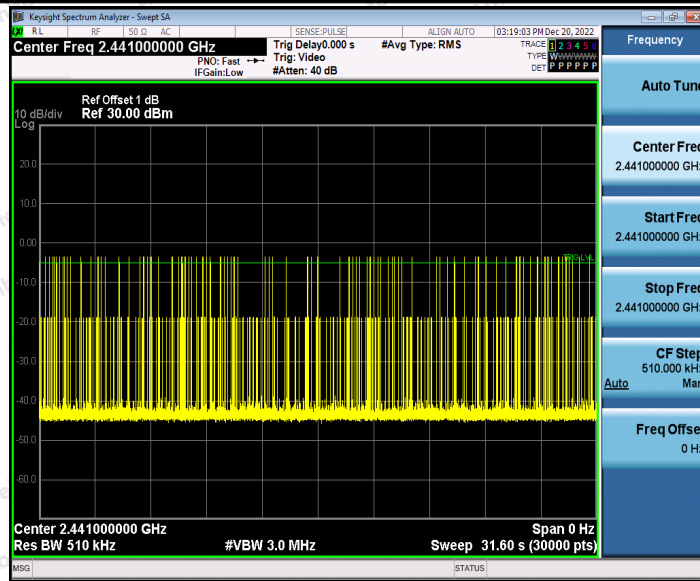
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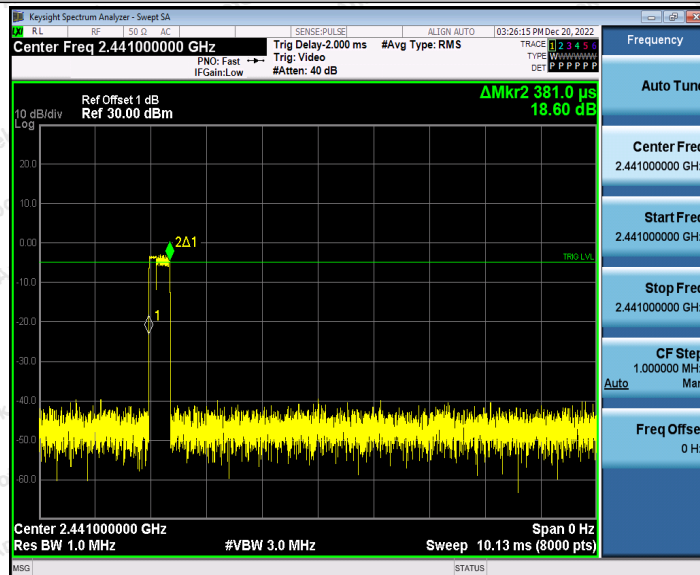


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3DH1_Ant1_Hop



3DH3_Ant1_Hop

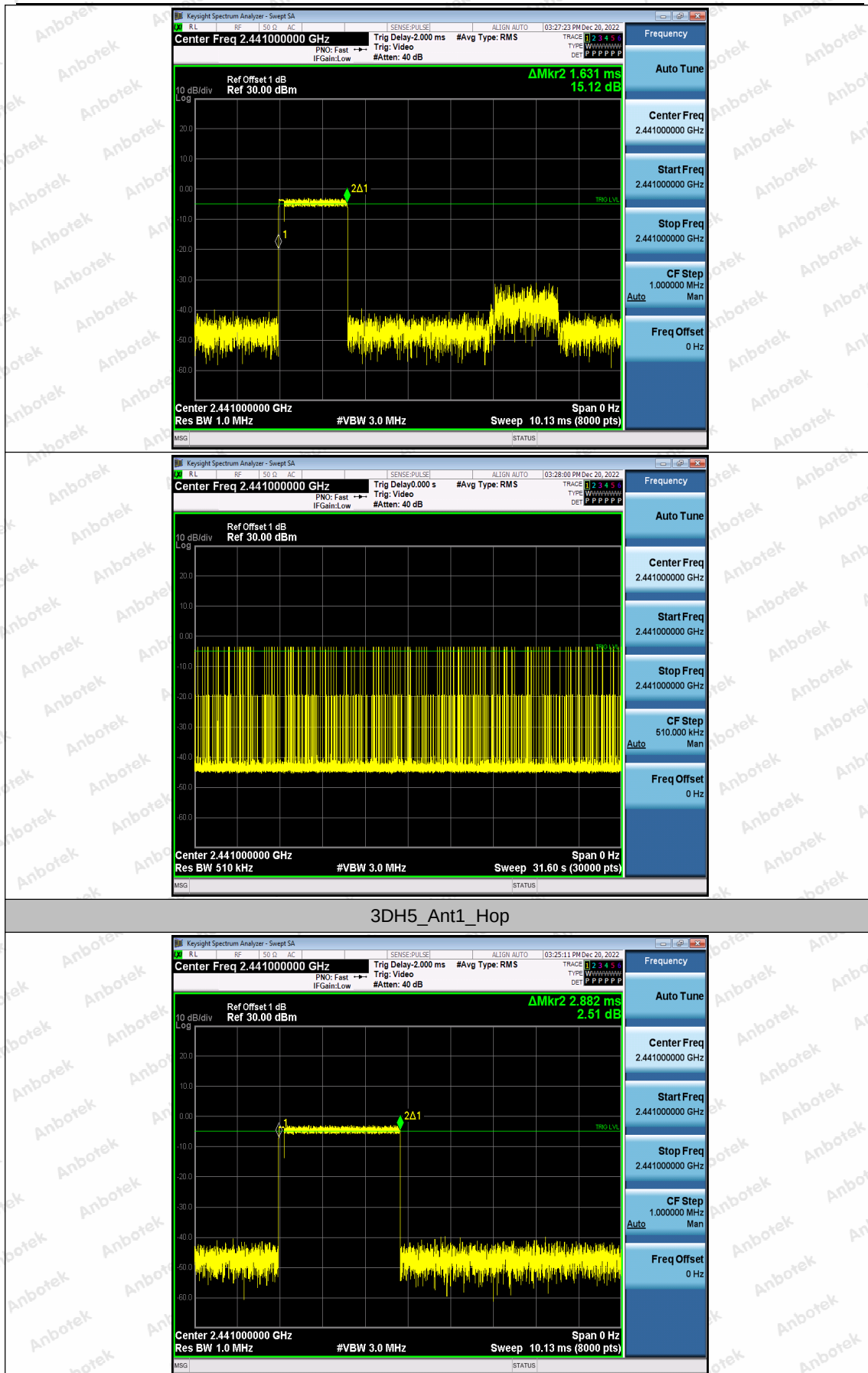
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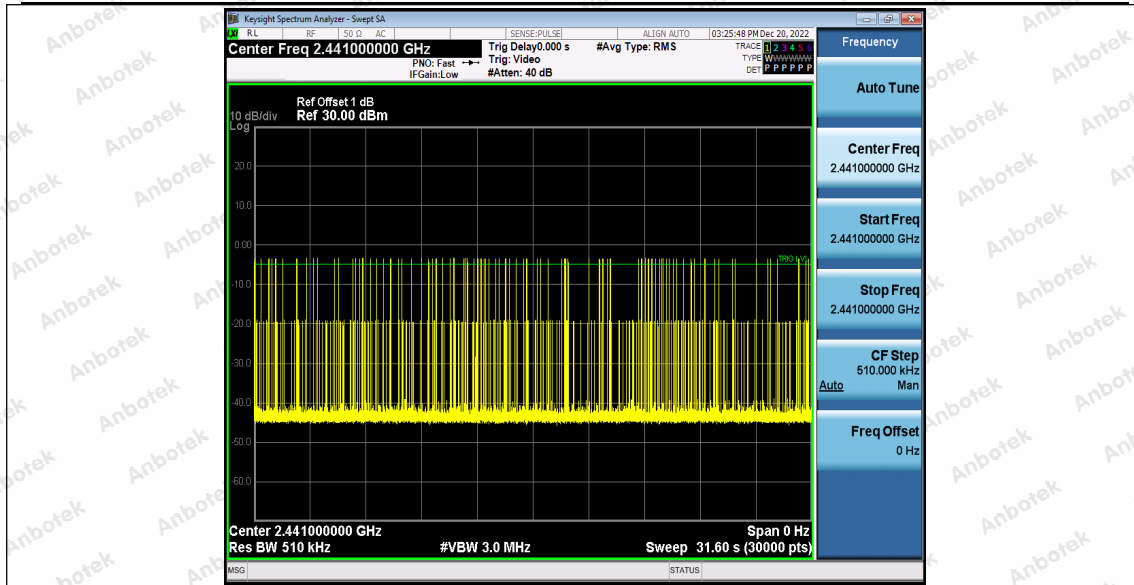
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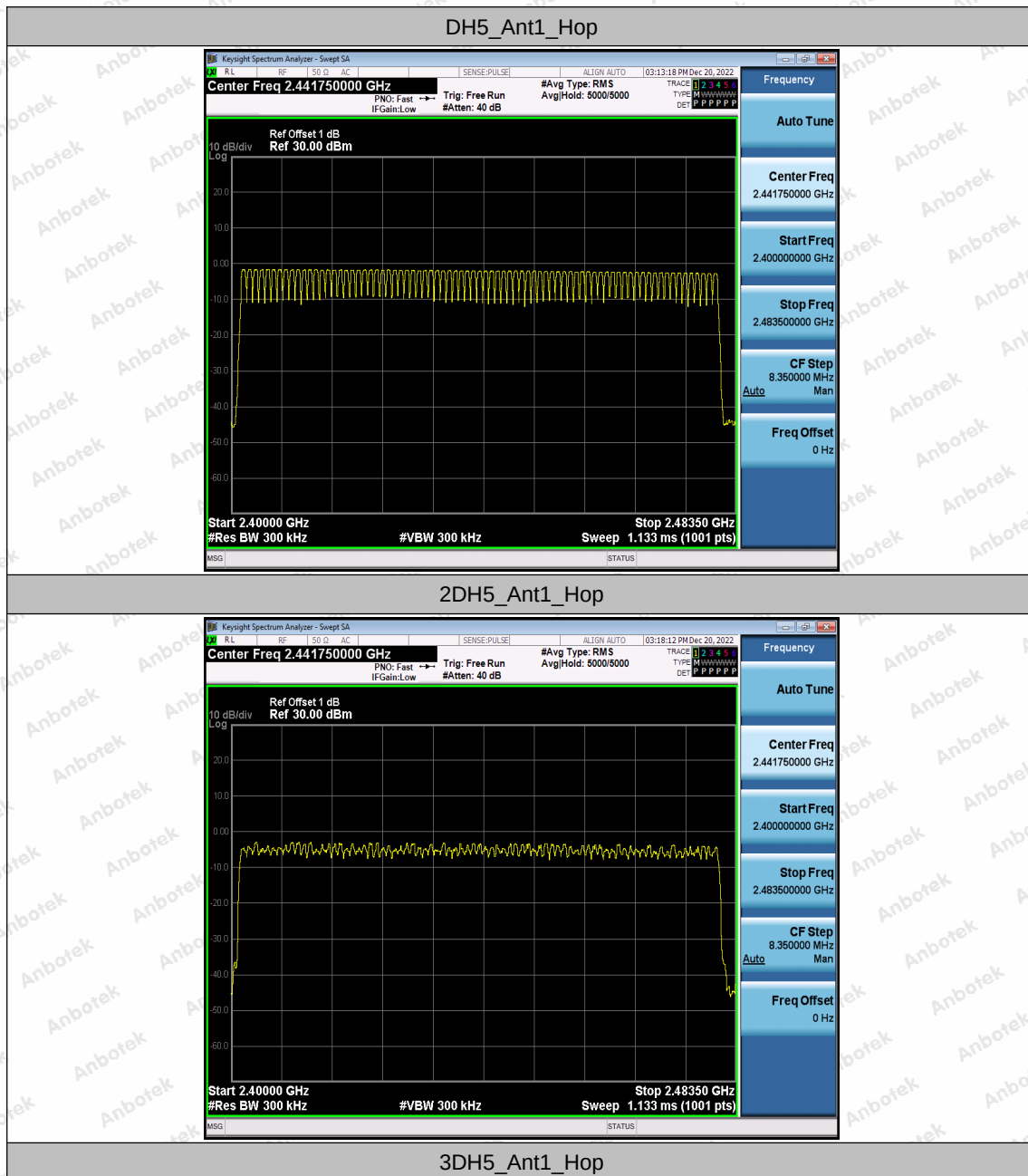
Appendix F: Number of hopping channels

Test Result

TestMode	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



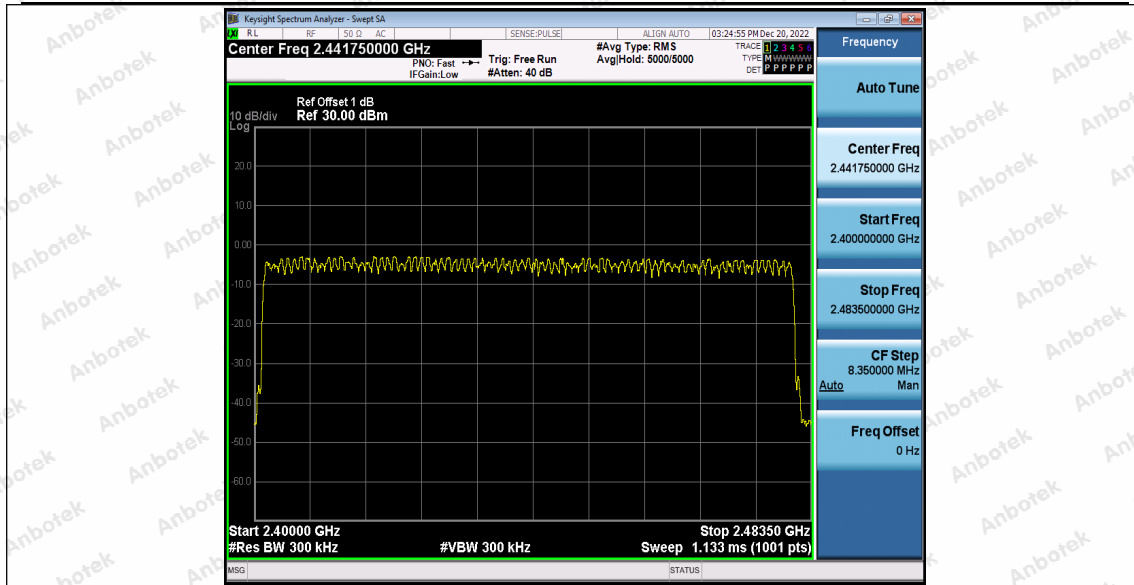
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Appendix G: Band edge measurements

Test Result

TestMode	Antenna	ChName	Frequency[MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-2.09	-56.98	≤-22.09	PASS
		High	2480	-3.16	-57.78	≤-23.16	PASS
		Low	Hop_2402	-2.20	-57.76	≤-22.2	PASS
		High	Hop_2480	-2.89	-57.25	≤-22.89	PASS
2DH5	Ant1	Low	2402	-3.69	-57.7	≤-23.69	PASS
		High	2480	-6.71	-57.51	≤-26.71	PASS
		Low	Hop_2402	-3.26	-57.71	≤-23.26	PASS
		High	Hop_2480	-5.48	-57.22	≤-25.48	PASS
3DH5	Ant1	Low	2402	-4.39	-57.69	≤-24.39	PASS
		High	2480	-4.08	-57.94	≤-24.08	PASS
		Low	Hop_2402	-4.35	-57.3	≤-24.35	PASS
		High	Hop_2480	-4.10	-53.94	≤-24.1	PASS

