

Appendix Test Data

Report No.:	18220WC40090201	Test Sample No.:	1-2-2
Start Test Date:	2024.05.07	Finish Test Date:	2024.05.13
Test Engineer:	Joker Huang	Auditor:	Justin Feng
Temperature:	25.5℃	Relative Humidity:	47%
Pressure:	101kPa		

Appendix A: 20dB Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.990	2401.415	2402.405	---	---
DH5	Ant1	2441	0.951	2440.466	2441.417	---	---
DH5	Ant1	2480	1.026	2479.403	2480.429	---	---
2DH5	Ant1	2402	1.347	2401.250	2402.597	---	---
2DH5	Ant1	2441	1.350	2440.250	2441.600	---	---
2DH5	Ant1	2480	1.362	2479.238	2480.600	---	---
3DH5	Ant1	2402	1.275	2401.280	2402.555	---	---
3DH5	Ant1	2441	1.284	2440.286	2441.570	---	---
3DH5	Ant1	2480	1.296	2479.271	2480.567	---	---



Test Graphs



DH5-Ant1-2402



DH5-Ant1-2441



DH5-Ant1-2480

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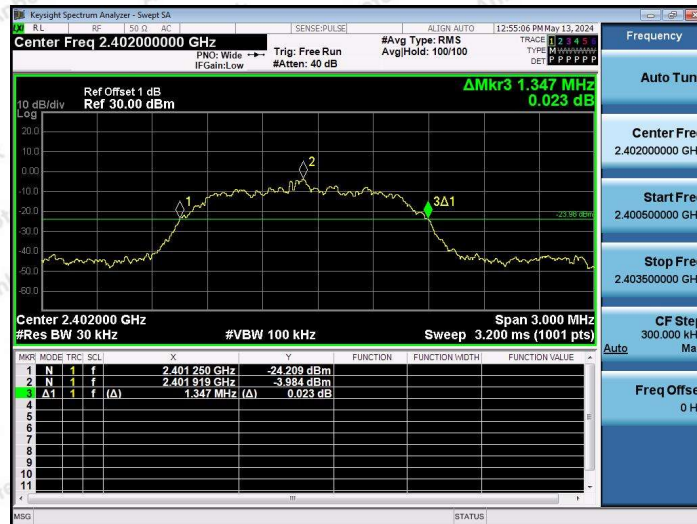
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2DH5-Ant1-2402



2DH5-Ant1-2441



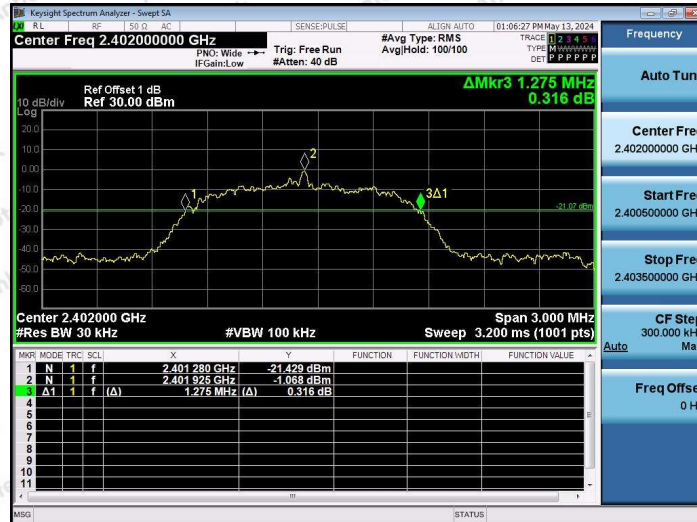
2DH5-Ant1-2480

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3DH5-Ant1-2402



3DH5-Ant1-2441



3DH5-Ant1-2480

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Appendix B: 99% Occupied Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.90350	2401.4674	2402.3709	---	---
DH5	Ant1	2441	0.91176	2440.4554	2441.3671	---	---
DH5	Ant1	2480	0.88955	2479.4783	2480.3679	---	---
2DH5	Ant1	2402	1.2043	2401.3254	2402.5297	---	---
2DH5	Ant1	2441	1.2265	2440.3076	2441.5341	---	---
2DH5	Ant1	2480	1.2000	2479.3178	2480.5178	---	---
3DH5	Ant1	2402	1.2107	2401.3176	2402.5283	---	---
3DH5	Ant1	2441	1.2060	2440.3187	2441.5247	---	---
3DH5	Ant1	2480	1.1882	2479.3201	2480.5083	---	---



Test Graphs



DH5-Ant1-2402



DH5-Ant1-2441



DH5-Ant1-2480

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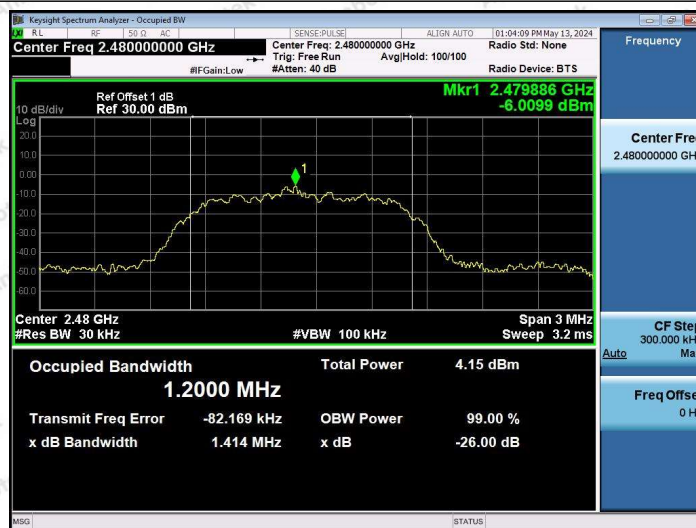




2DH5-Ant1-2402



2DH5-Ant1-2441



2DH5-Ant1-2480

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3DH5-Ant1-2402



3DH5-Ant1-2441



3DH5-Ant1-2480

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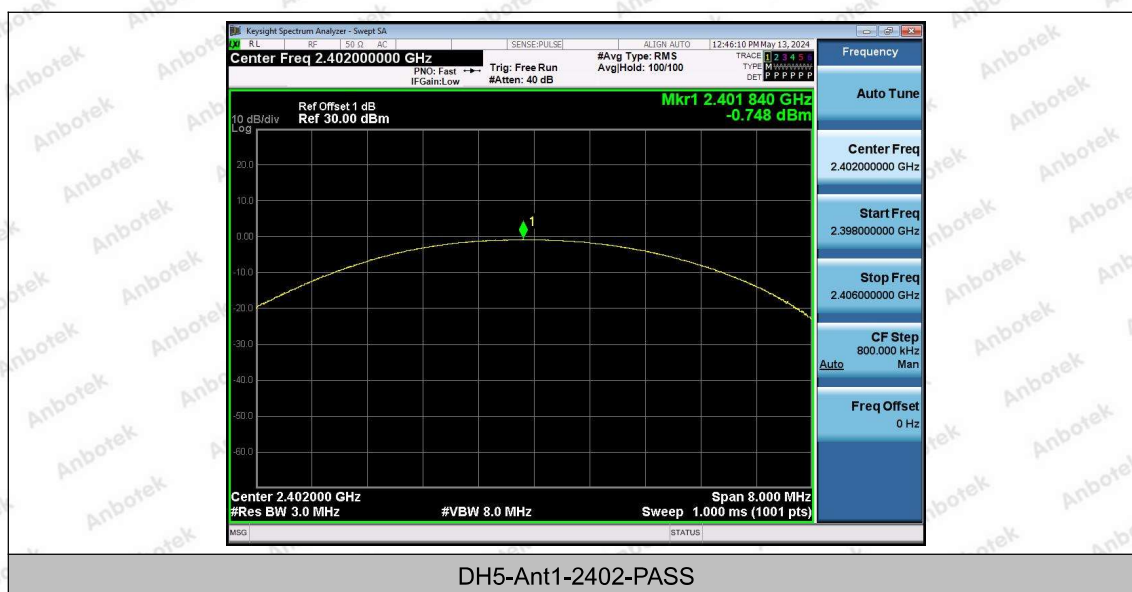


Appendix C: Maximum Conducted Output Power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	-0.75	≤20.97	PASS
DH5	Ant1	2441	-1.06	≤20.97	PASS
DH5	Ant1	2480	-1.64	≤20.97	PASS
2DH5	Ant1	2402	0.68	≤20.97	PASS
2DH5	Ant1	2441	0.27	≤20.97	PASS
2DH5	Ant1	2480	-0.89	≤20.97	PASS
3DH5	Ant1	2402	1.15	≤20.97	PASS
3DH5	Ant1	2441	0.60	≤20.97	PASS
3DH5	Ant1	2480	-0.48	≤20.97	PASS

Test Graphs





DH5-Ant1-2441-PASS



DH5-Ant1-2480-PASS



2DH5-Ant1-2402-PASS

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2DH5-Ant1-2441-PASS



2DH5-Ant1-2480-PASS



3DH5-Ant1-2402-PASS

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3DH5-Ant1-2441-PASS



3DH5-Ant1-2480-PASS

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Appendix D: Carrier frequency separation

Test Result

TestMode	Antenna	Frequency[MHz]	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.004	≥ 0.684	PASS
2DH5	Ant1	Hop	0.988	≥ 0.908	PASS
3DH5	Ant1	Hop	1.010	≥ 0.864	PASS



Test Graphs



DH5-Ant1-Hop-PASS



2DH5-Ant1-Hop-PASS



3DH5-Ant1-Hop-PASS

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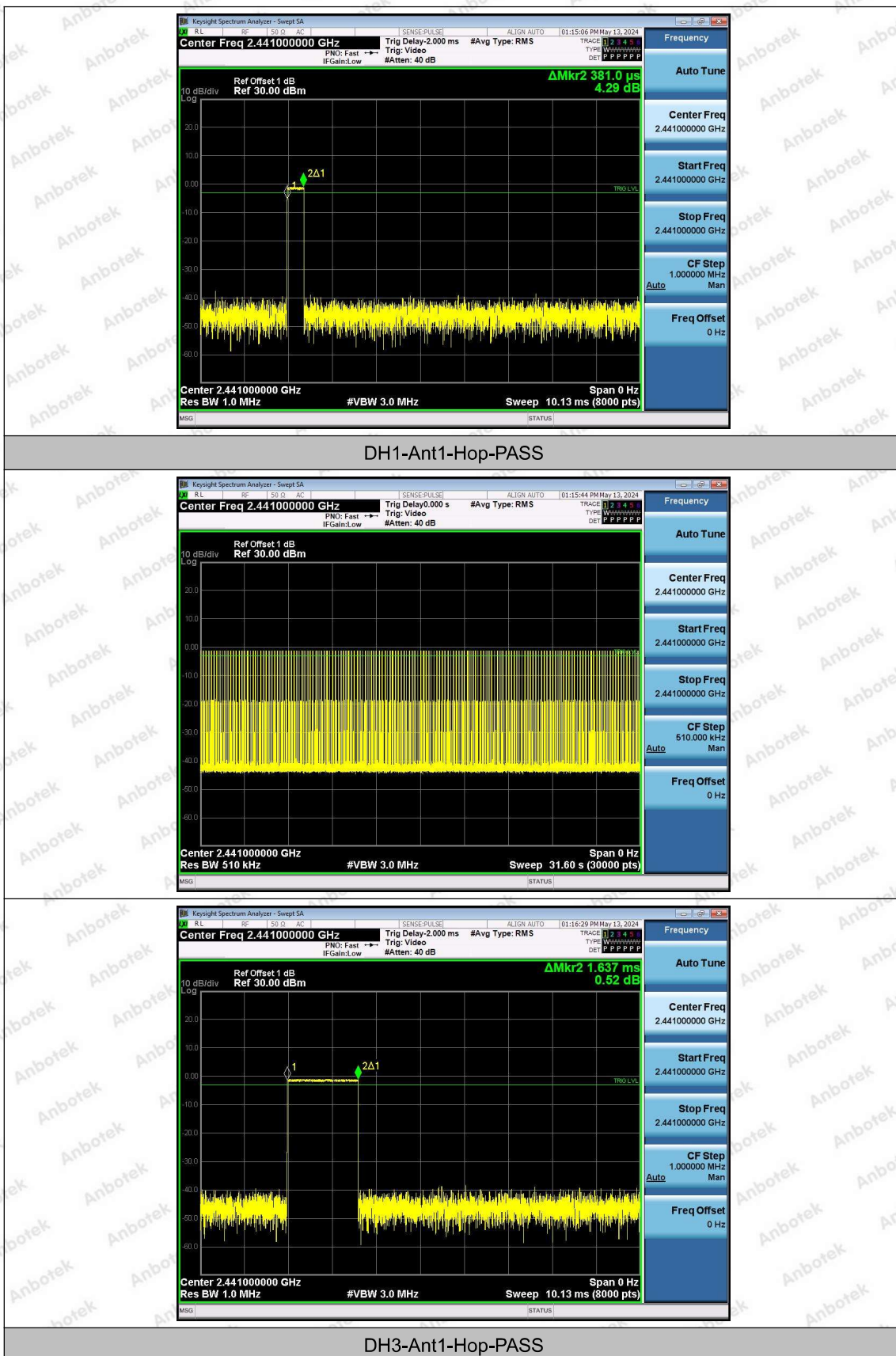
Appendix E: Dwell Time

Test Result

TestMode	Antenna	Frequency[MHz]	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.381	315	0.12	≤0.4	PASS
DH3	Ant1	Hop	1.637	169	0.277	≤0.4	PASS
DH5	Ant1	Hop	2.885	103	0.297	≤0.4	PASS
2DH1	Ant1	Hop	0.388	320	0.124	≤0.4	PASS
2DH3	Ant1	Hop	1.639	161	0.264	≤0.4	PASS
2DH5	Ant1	Hop	2.888	110	0.318	≤0.4	PASS
3DH1	Ant1	Hop	0.388	317	0.123	≤0.4	PASS
3DH3	Ant1	Hop	1.639	158	0.259	≤0.4	PASS
3DH5	Ant1	Hop	2.889	103	0.298	≤0.4	PASS



Test Graphs



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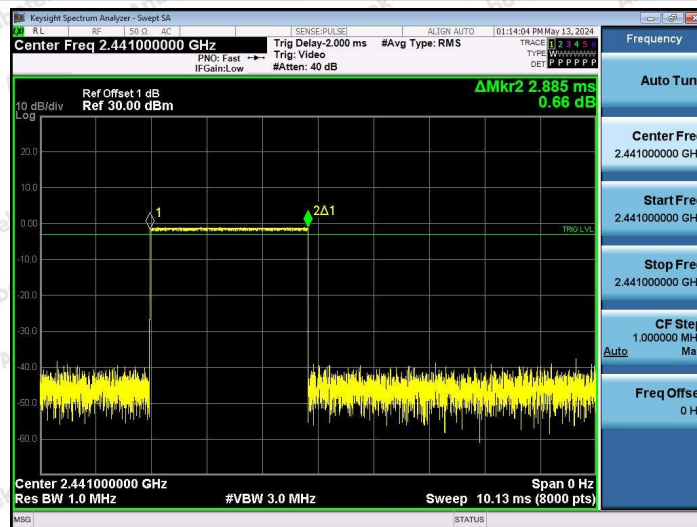
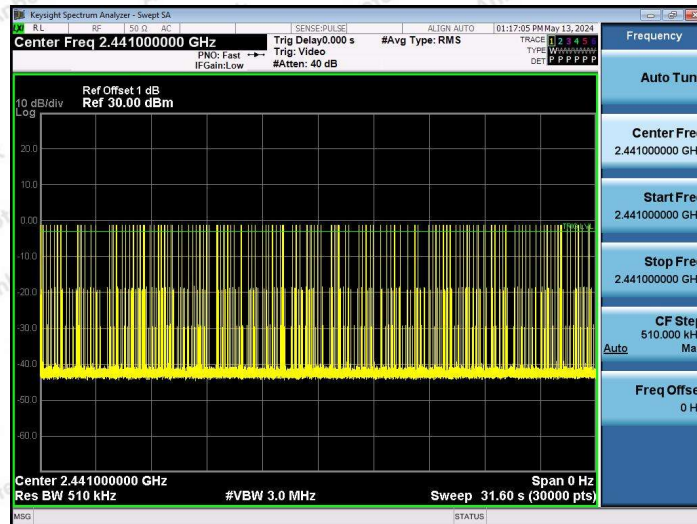
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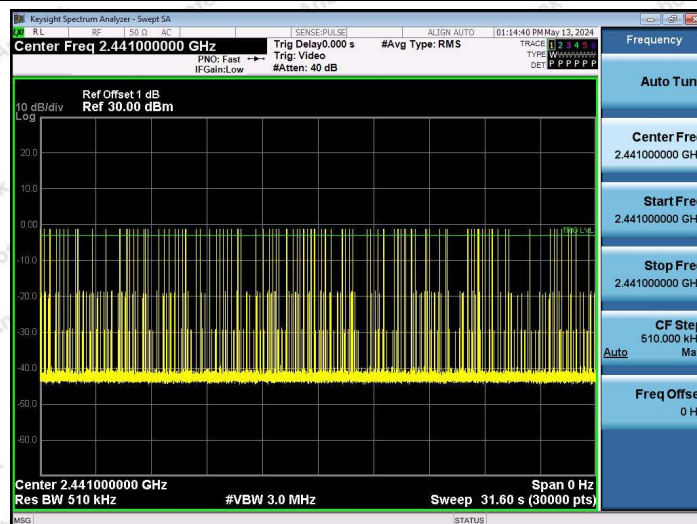
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DH5-Ant1-Hop-PASS



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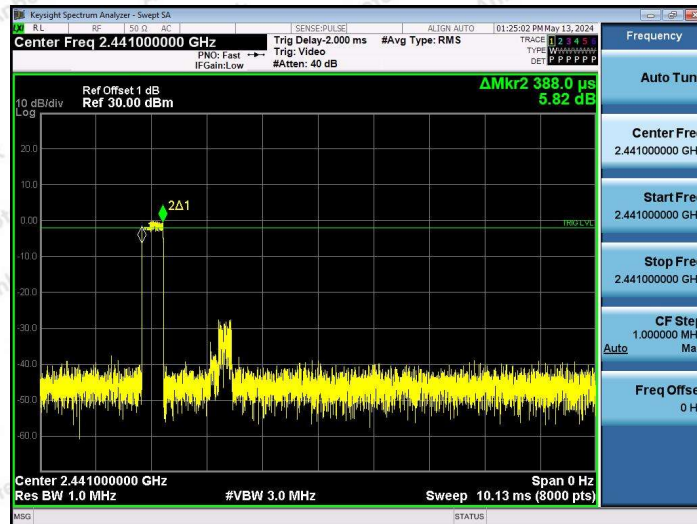


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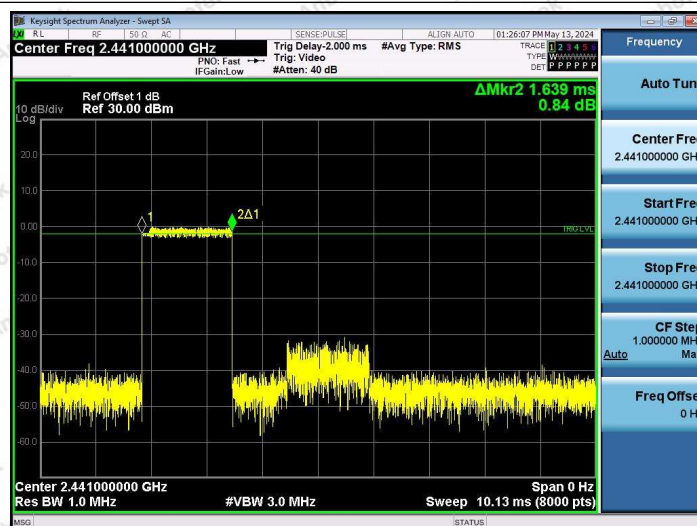
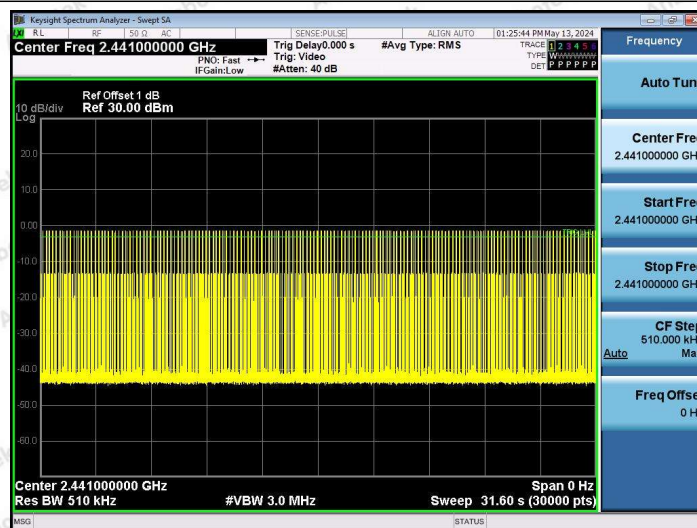
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2DH1-Ant1-Hop-PASS



2DH3-Ant1-Hop-PASS

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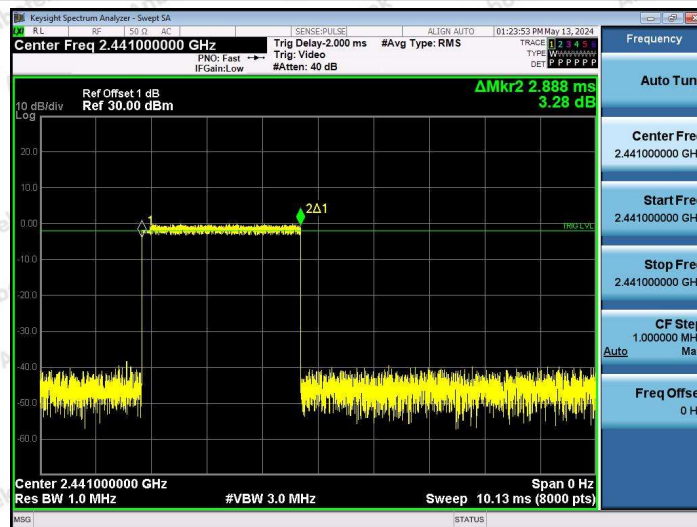
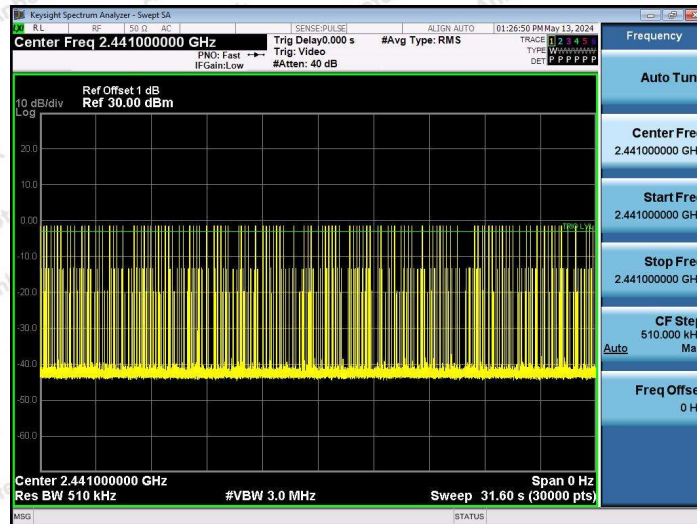
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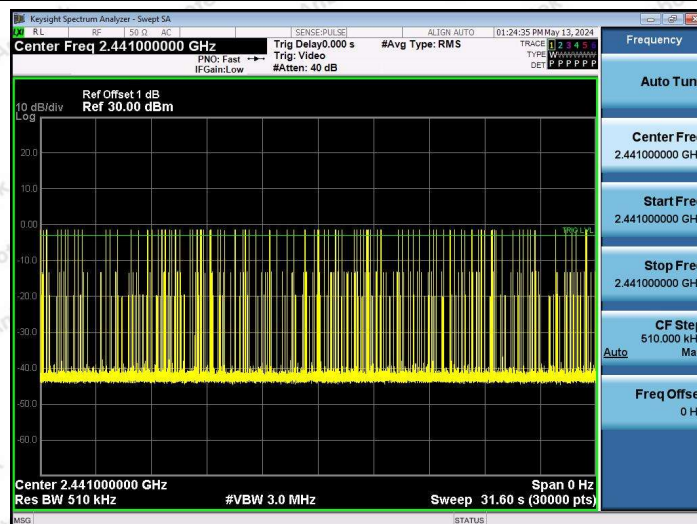
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