

Appendix Test Data

Report No.:	182512C400374101	Test Sample No.:	1-2-2
Start Test Date:	2024.7.17	Finish Test Date:	2024.7.19
Test Engineer:	Joker Huang	Auditor:	Justin Feng
Temperature:	24.3℃	Relative Humidity:	49%
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	0.966	2401.514	2402.480	---	---
DH5	Ant1	2441	0.981	2440.511	2441.492	---	---
DH5	Ant1	2480	0.975	2479.511	2480.486	---	---
2DH5	Ant1	2402	1.497	2401.256	2402.753	---	---
2DH5	Ant1	2441	1.533	2440.229	2441.762	---	---
2DH5	Ant1	2480	1.491	2479.253	2480.744	---	---
3DH5	Ant1	2402	1.479	2401.268	2402.747	---	---
3DH5	Ant1	2441	1.482	2440.268	2441.750	---	---
3DH5	Ant1	2480	1.479	2479.268	2480.747	---	---



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 B: 99% Occupied Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.88473	2401.5538	2402.4386	---	---
DH5	Ant1	2441	0.88573	2440.5567	2441.4424	---	---
DH5	Ant1	2480	0.88635	2479.5538	2480.4402	---	---
2DH5	Ant1	2402	1.3588	2401.3131	2402.6719	---	---
2DH5	Ant1	2441	1.3583	2440.3123	2441.6706	---	---
2DH5	Ant1	2480	1.3644	2479.3082	2480.6726	---	---
3DH5	Ant1	2402	1.3759	2401.3042	2402.6801	---	---
3DH5	Ant1	2441	1.3736	2440.3078	2441.6814	---	---
3DH5	Ant1	2480	1.3668	2479.3056	2480.6724	---	---



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	1.10	≤20.97	PASS
DH5	Ant1	2441	0.71	≤20.97	PASS
DH5	Ant1	2480	0.93	≤20.97	PASS
2DH5	Ant1	2402	1.43	≤20.97	PASS
2DH5	Ant1	2441	1.07	≤20.97	PASS
2DH5	Ant1	2480	1.24	≤20.97	PASS
3DH5	Ant1	2402	1.70	≤20.97	PASS
3DH5	Ant1	2441	1.25	≤20.97	PASS
3DH5	Ant1	2480	1.44	≤20.97	PASS



Test Graphs



DH5-Ant1-2402-PASS



DH5-Ant1-2441-PASS



DH5-Ant1-2480-PASS

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2DH5-Ant1-2402-PASS



2DH5-Ant1-2441-PASS



2DH5-Ant1-2480-PASS

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3DH5-Ant1-2402-PASS



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	1.020	≥ 0.654	PASS
2DH5	Ant1	Hop	1.138	≥ 1.022	PASS
3DH5	Ant1	Hop	1.142	≥ 0.988	PASS



Test Graphs



DH5-Ant1-Hop-PASS



2DH5-Ant1-Hop-PASS



3DH5-Ant1-Hop-PASS

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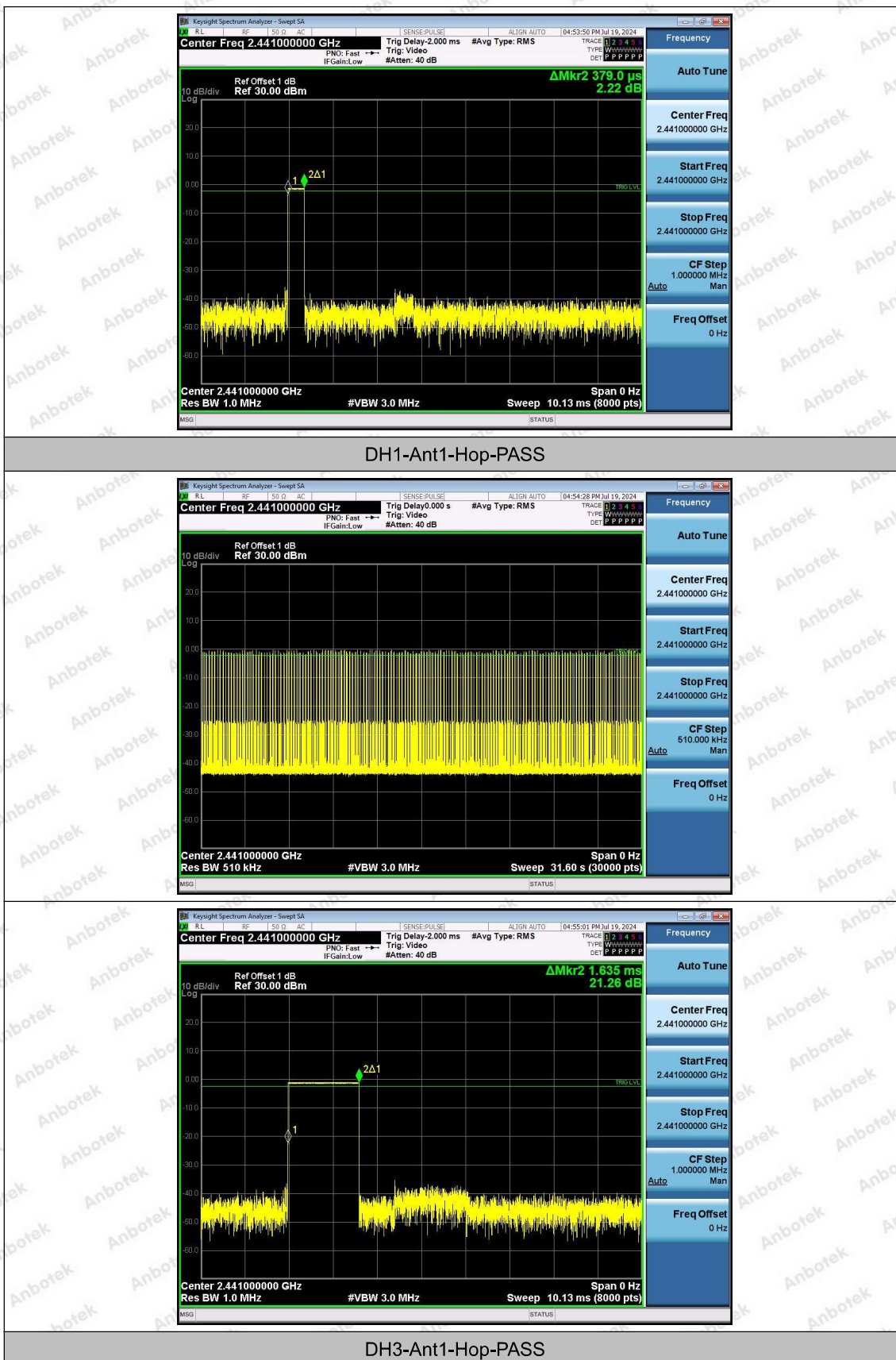
Appendix E: Dwell Time

Test Result

TestMode	Antenna	Frequency[MHz]	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.379	317	0.12	≤0.4	PASS
DH3	Ant1	Hop	1.635	161	0.263	≤0.4	PASS
DH5	Ant1	Hop	2.883	102	0.294	≤0.4	PASS
2DH1	Ant1	Hop	0.386	317	0.122	≤0.4	PASS
2DH3	Ant1	Hop	1.639	159	0.261	≤0.4	PASS
2DH5	Ant1	Hop	2.888	115	0.332	≤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	105	0.303	≤0.4	PASS



Test Graphs



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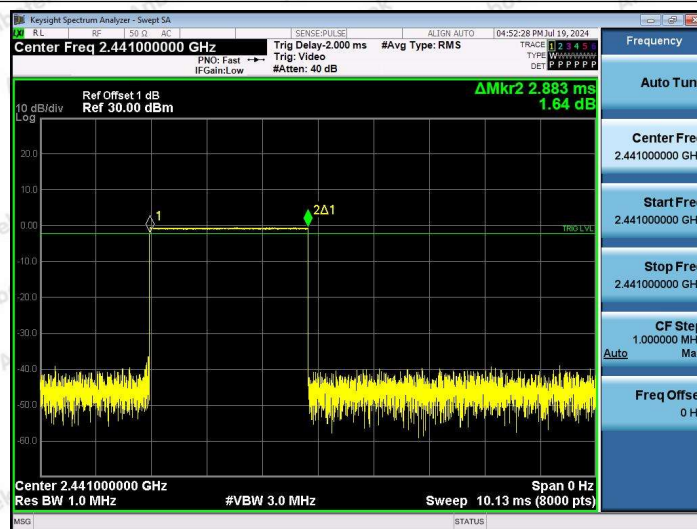
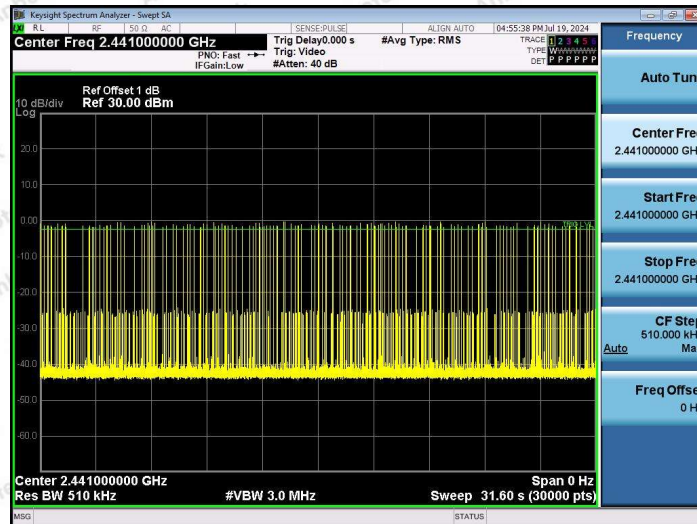
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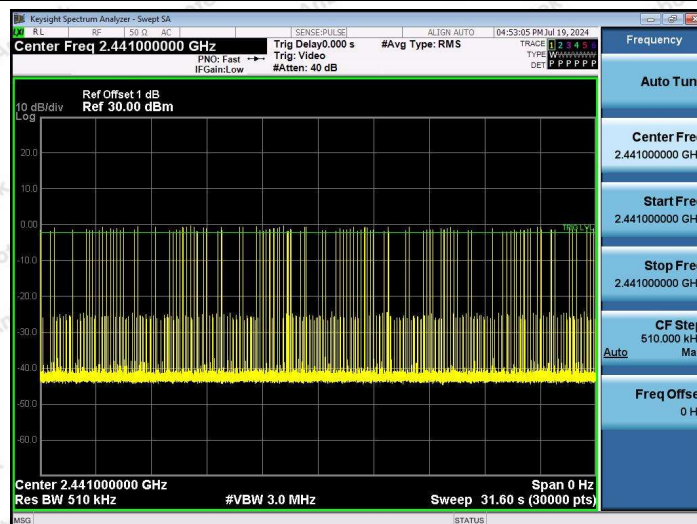
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DH5-Ant1-Hop-PASS



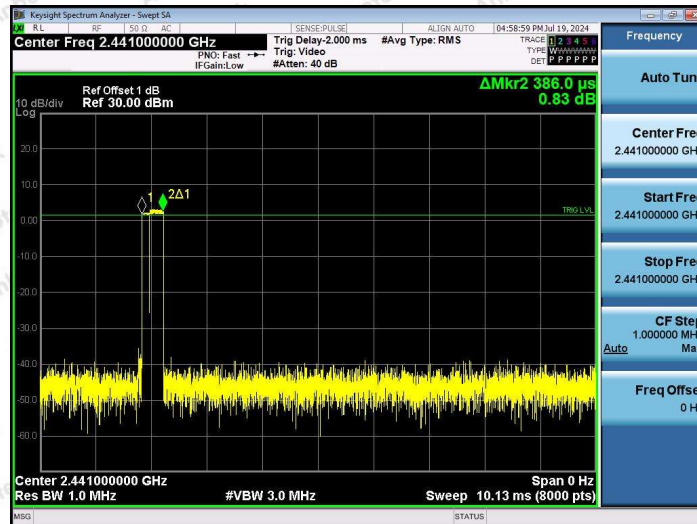
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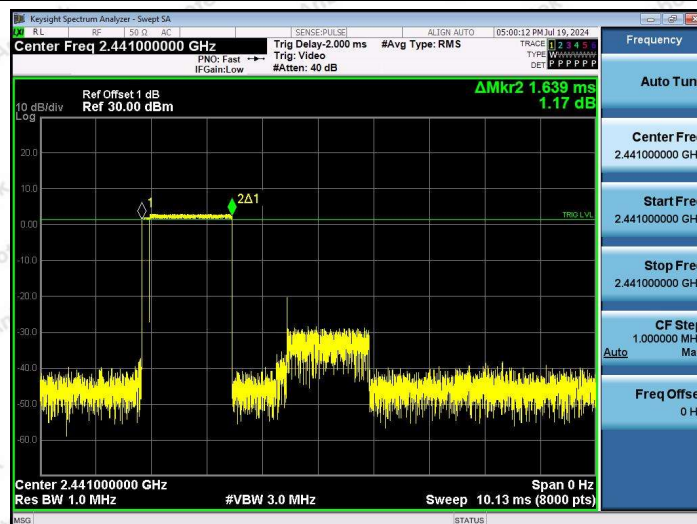
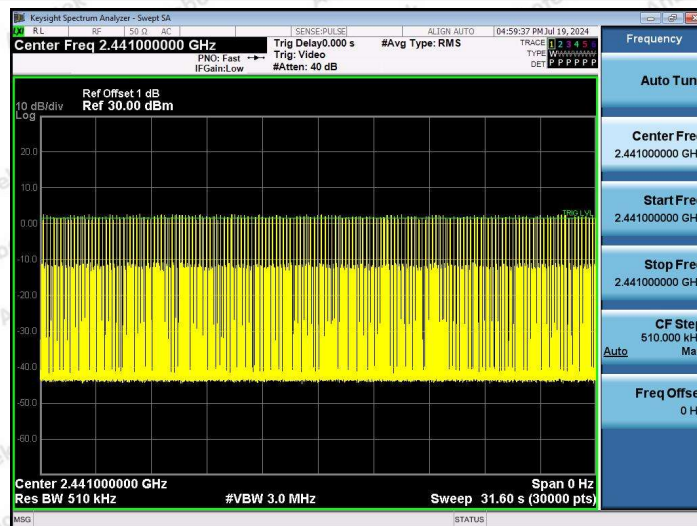


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2DH1-Ant1-Hop-PASS



2DH3-Ant1-Hop-PASS

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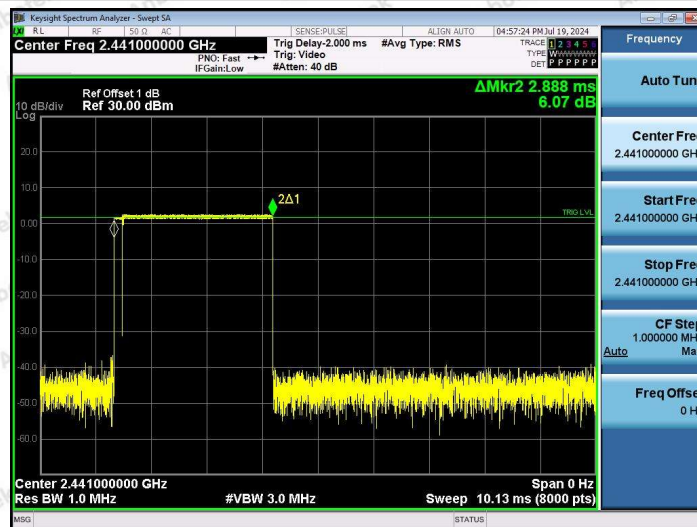
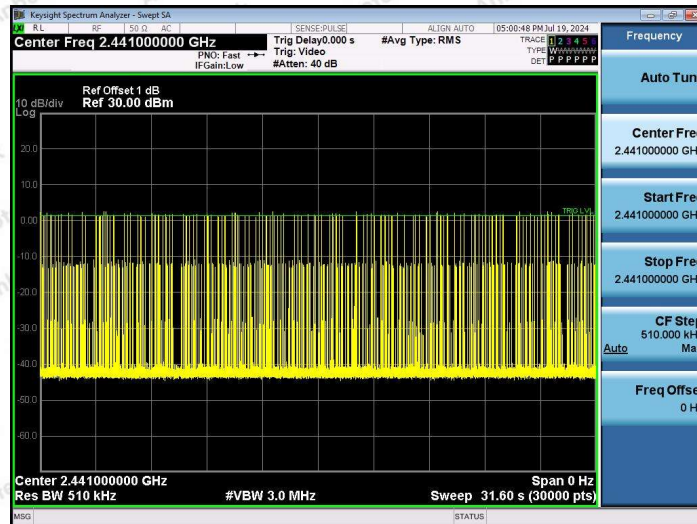


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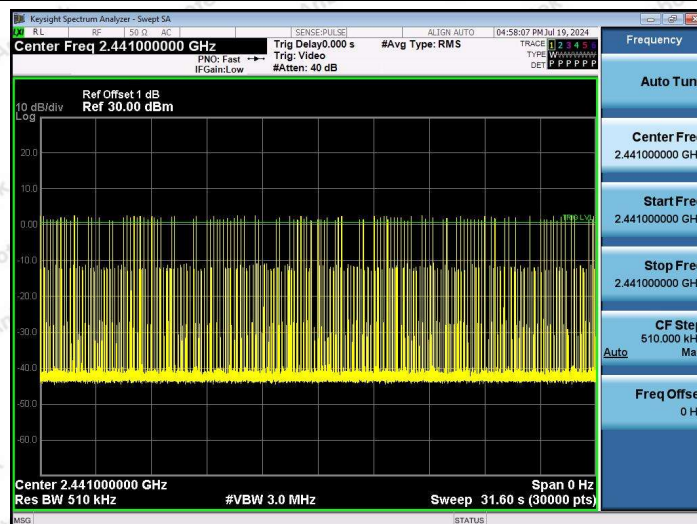
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2DH5-Ant1-Hop-PASS



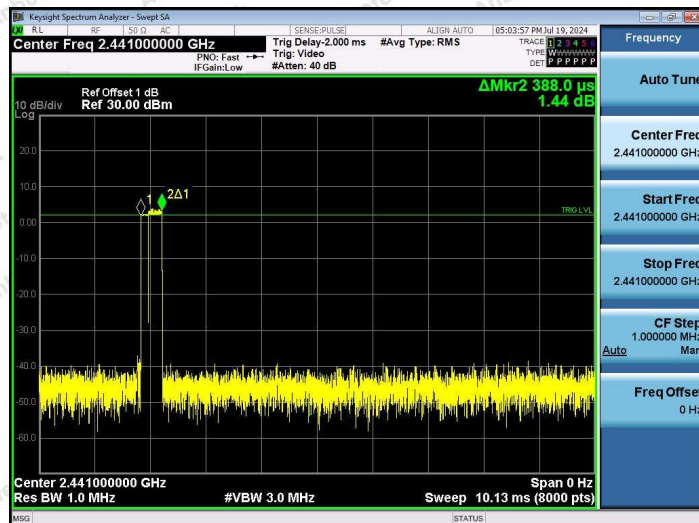
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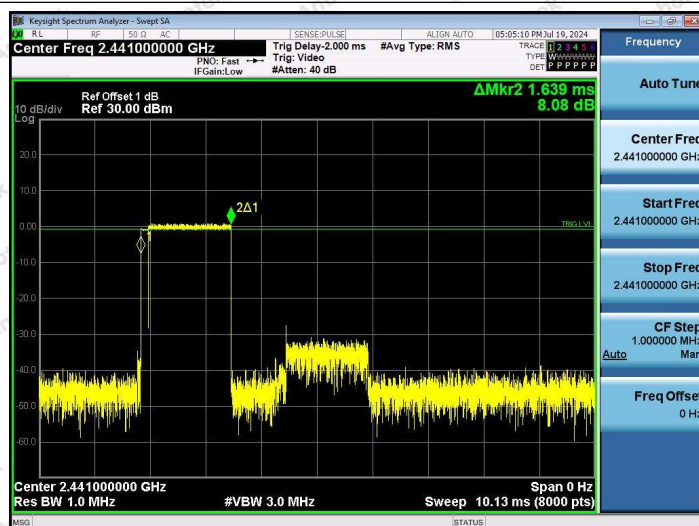
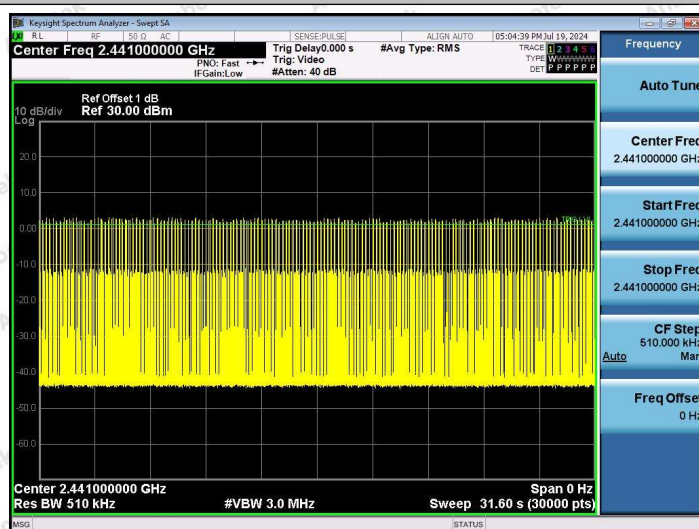


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3DH1-Ant1-Hop-PASS



3DH3-Ant1-Hop-PASS

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