

Appendix Test Data

Report No.:	182512C400320101	Test Sample No.:	1-2-2
Start Test Date:	2024.7.4	Finish Test Date:	2024.7.4
Test Engineer:	<i>Joker Wong</i>	Auditor:	<i>Justin Feng</i>
Temperature:	25.5°C	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	0.822	2401.583	2402.405	---	---
DH5	Ant1	2441	0.855	2440.553	2441.408	---	---
DH5	Ant1	2480	0.822	2479.586	2480.408	---	---
2DH5	Ant1	2402	1.272	2401.367	2402.639	---	---
2DH5	Ant1	2441	1.272	2440.361	2441.633	---	---
2DH5	Ant1	2480	1.281	2479.358	2480.639	---	---
3DH5	Ant1	2402	1.281	2401.349	2402.630	---	---
3DH5	Ant1	2441	1.299	2440.343	2441.642	---	---
3DH5	Ant1	2480	1.290	2479.343	2480.633	---	---

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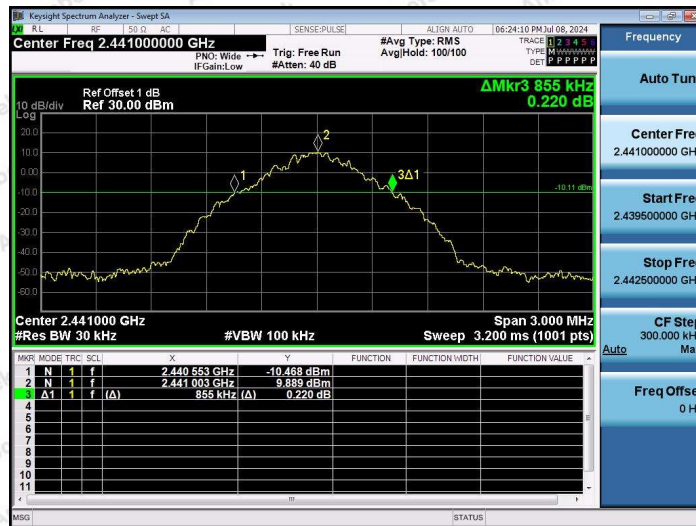
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Test Graphs



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	0.75217	2401.6206	2402.3728	---	---
DH5	Ant1	2441	0.76277	2440.6128	2441.3756	---	---
DH5	Ant1	2480	0.76504	2479.6118	2480.3769	---	---
2DH5	Ant1	2402	1.1692	2401.4047	2402.5739	---	---
2DH5	Ant1	2441	1.1739	2440.4034	2441.5773	---	---
2DH5	Ant1	2480	1.1707	2479.4029	2480.5736	---	---
3DH5	Ant1	2402	1.1762	2401.4066	2402.5828	---	---
3DH5	Ant1	2441	1.1758	2440.4020	2441.5778	---	---
3DH5	Ant1	2480	1.1747	2479.4040	2480.5787	---	---

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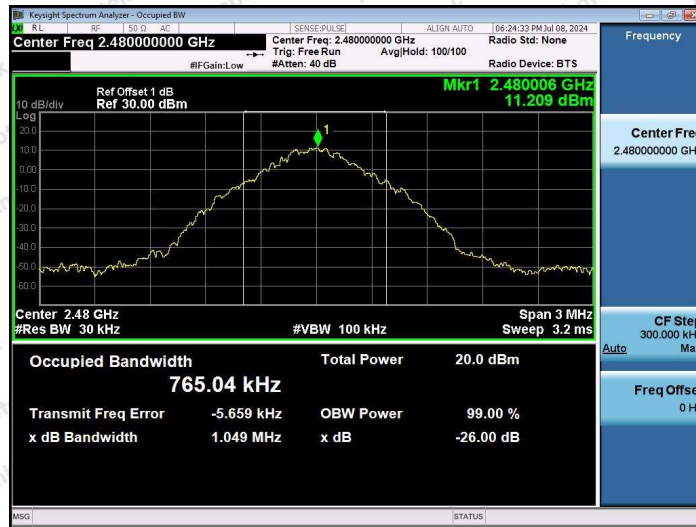
Test Graphs



DH5-Ant1-2402



DH5-Ant1-2441



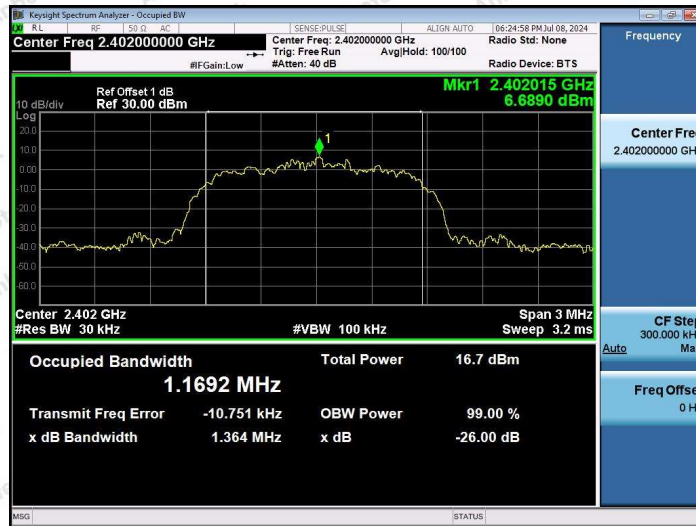
DH5-Ant1-2480

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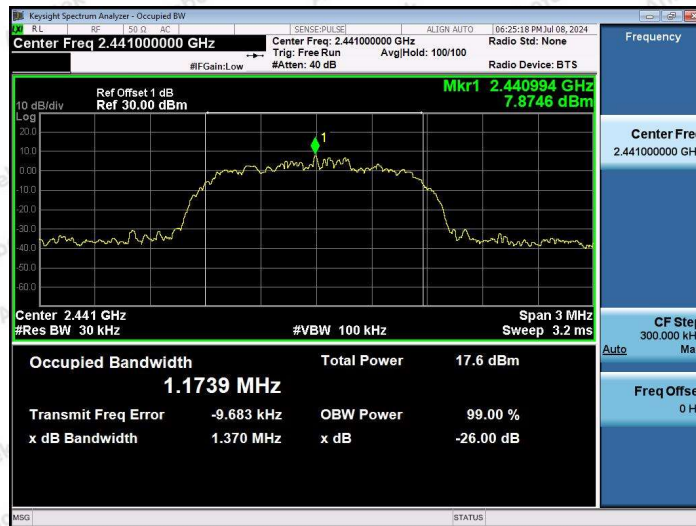
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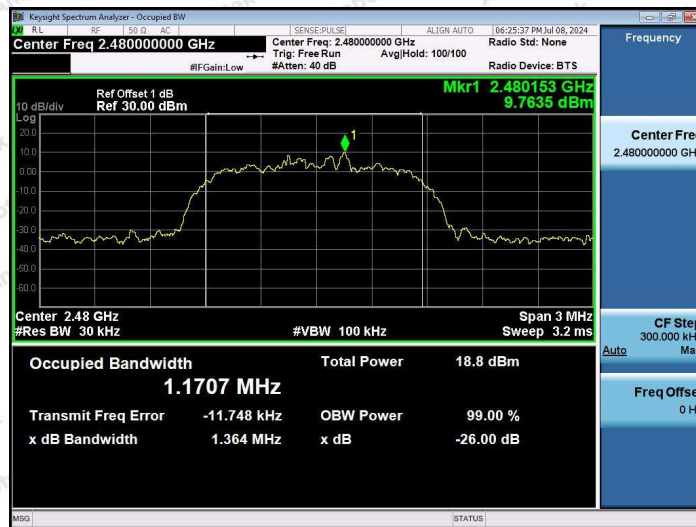




2DH5-Ant1-2402



2DH5-Ant1-2441



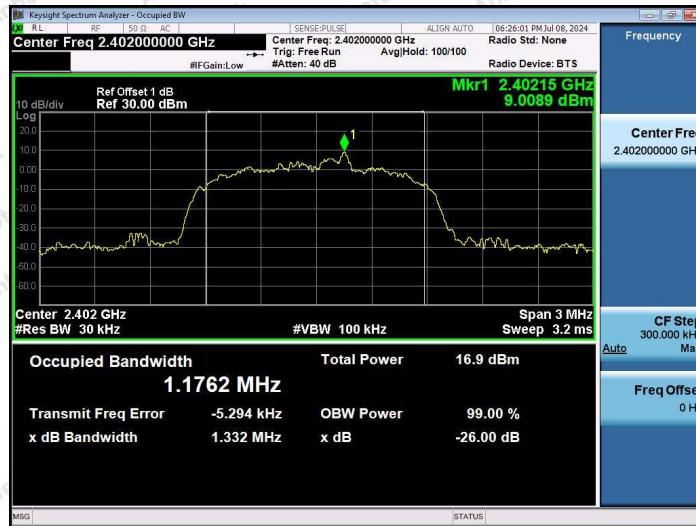
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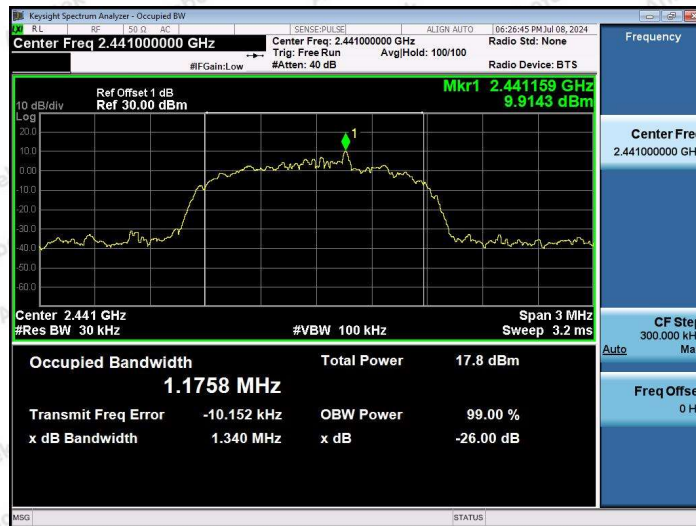
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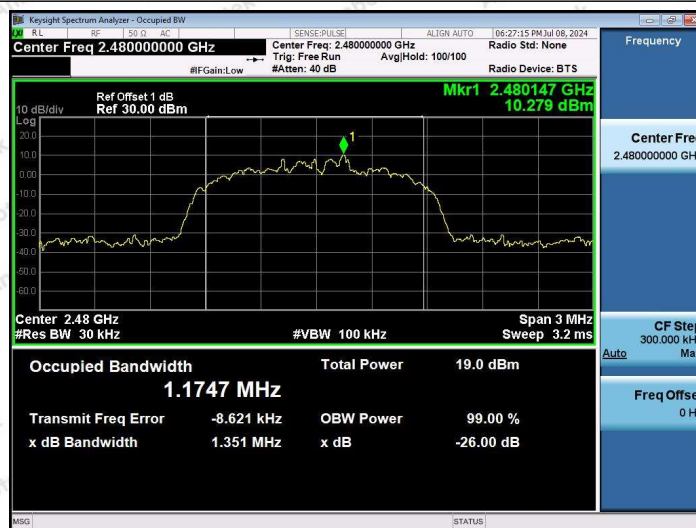




3DH5-Ant1-2402



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	1.19	≤30	PASS
DH5	Ant1	2441	1.75	≤30	PASS
DH5	Ant1	2480	1.29	≤30	PASS
2DH5	Ant1	2402	0.58	≤20.97	PASS
2DH5	Ant1	2441	1.14	≤20.97	PASS
2DH5	Ant1	2480	0.68	≤20.97	PASS
3DH5	Ant1	2402	0.45	≤20.97	PASS
3DH5	Ant1	2441	1.01	≤20.97	PASS
3DH5	Ant1	2480	0.59	≤20.97	PASS

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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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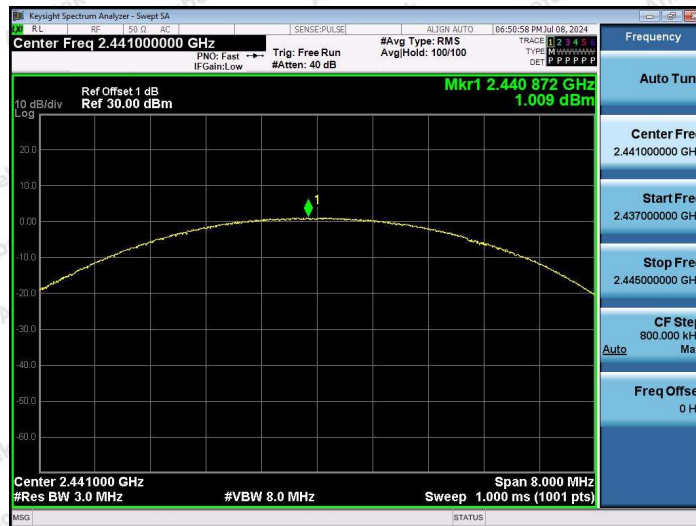
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3DH5-Ant1-2402-PASS



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	0.994	≥0.855	PASS
2DH5	Ant1	Hop	1.286	≥0.854	PASS
3DH5	Ant1	Hop	1.008	≥0.866	PASS

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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	0.374	312	0.117	≤0.4	PASS
DH3	Ant1	Hop	1.629	163	0.266	≤0.4	PASS
DH5	Ant1	Hop	2.877	114	0.328	≤0.4	PASS
2DH1	Ant1	Hop	0.383	314	0.12	≤0.4	PASS
2DH3	Ant1	Hop	1.633	158	0.258	≤0.4	PASS
2DH5	Ant1	Hop	2.882	115	0.331	≤0.4	PASS
3DH1	Ant1	Hop	0.383	312	0.119	≤0.4	PASS
3DH3	Ant1	Hop	1.633	159	0.26	≤0.4	PASS
3DH5	Ant1	Hop	2.884	115	0.332	≤0.4	PASS

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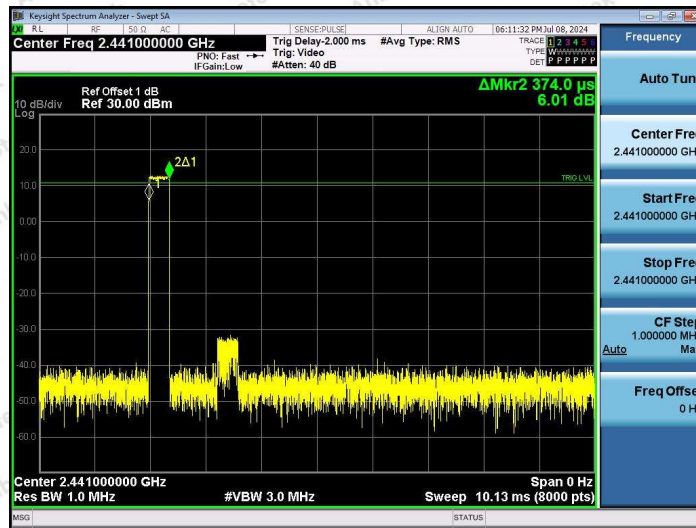
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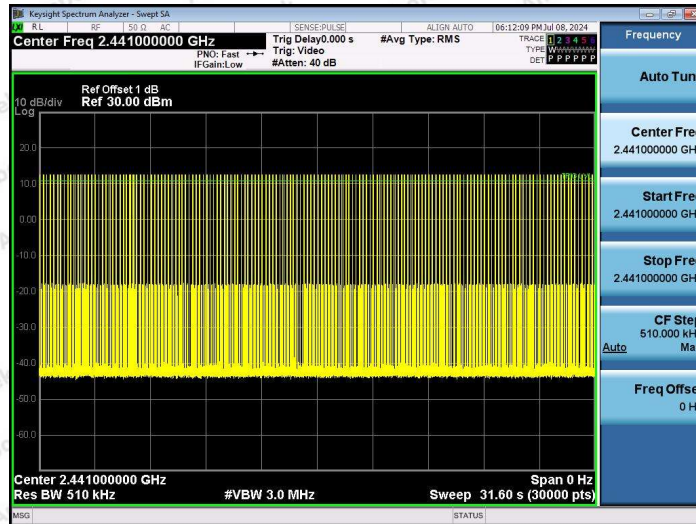
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Test Graphs



DH1-Ant1-Hop-PASS



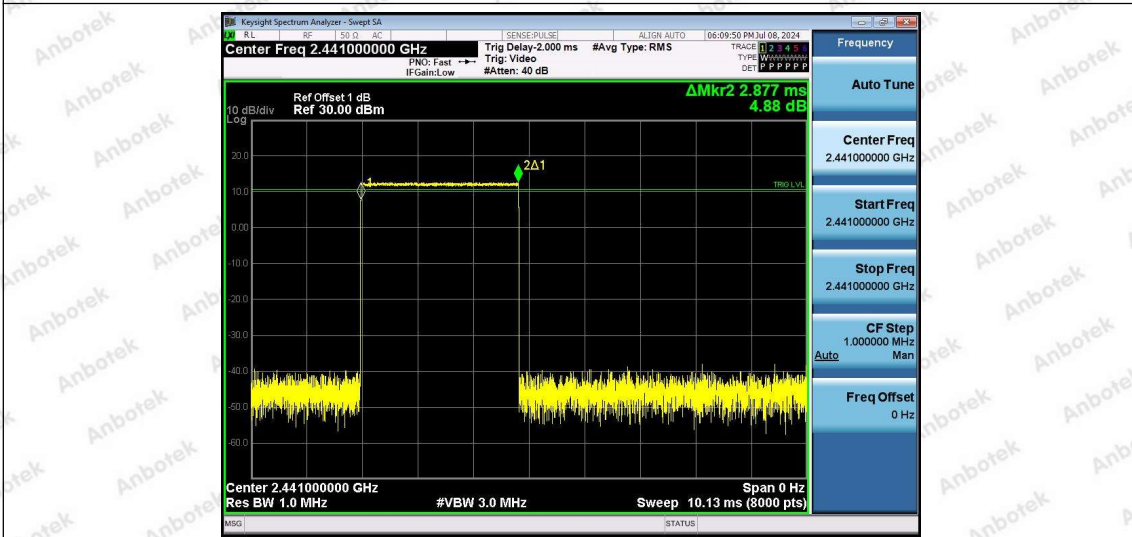
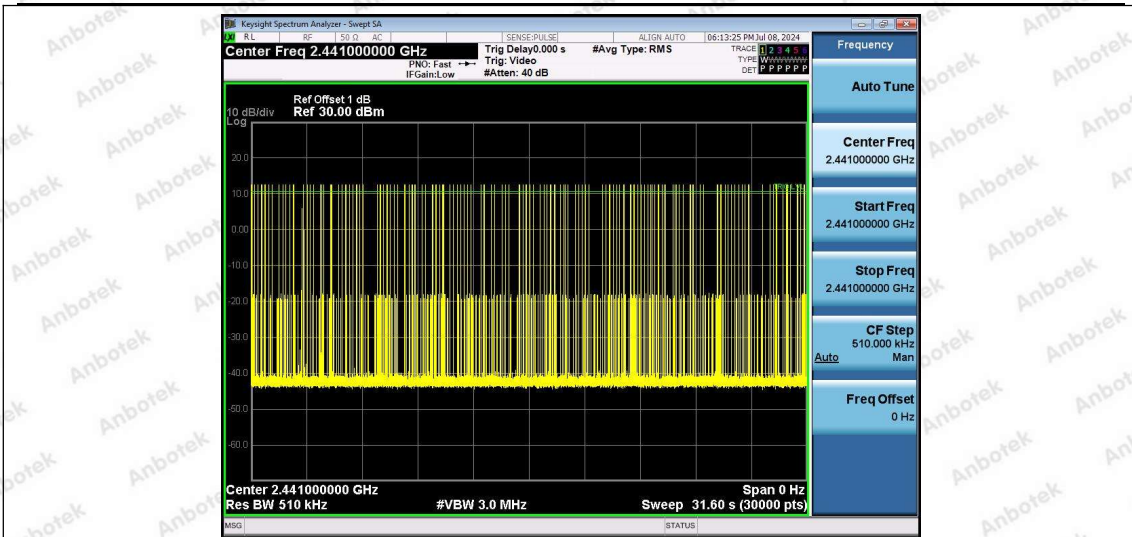
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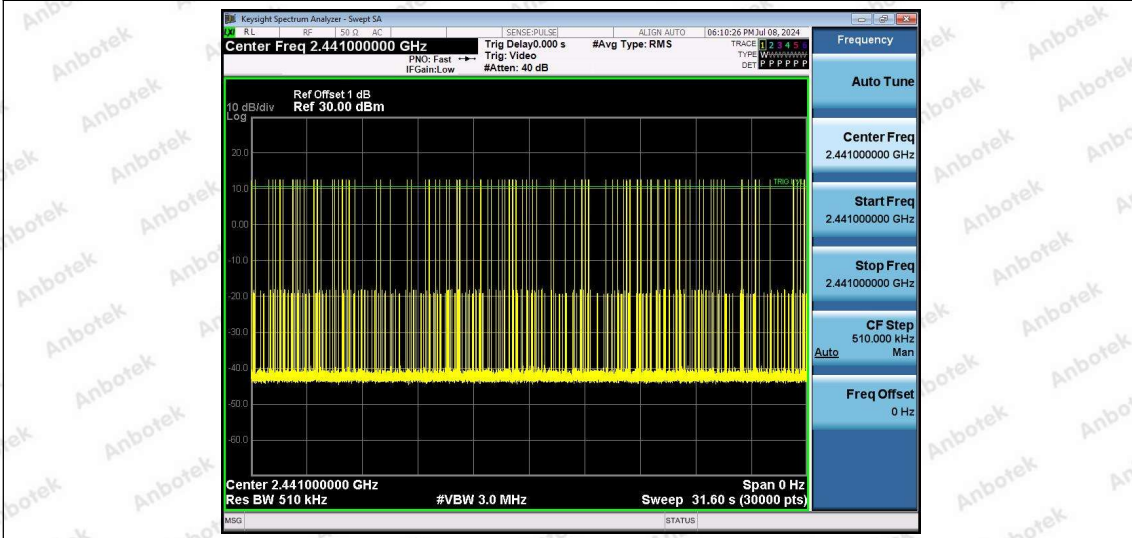
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DH5-Ant1-Hop-PASS

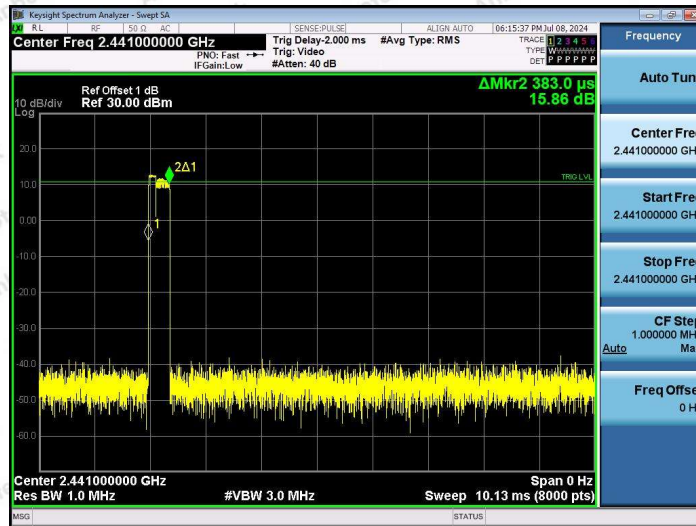


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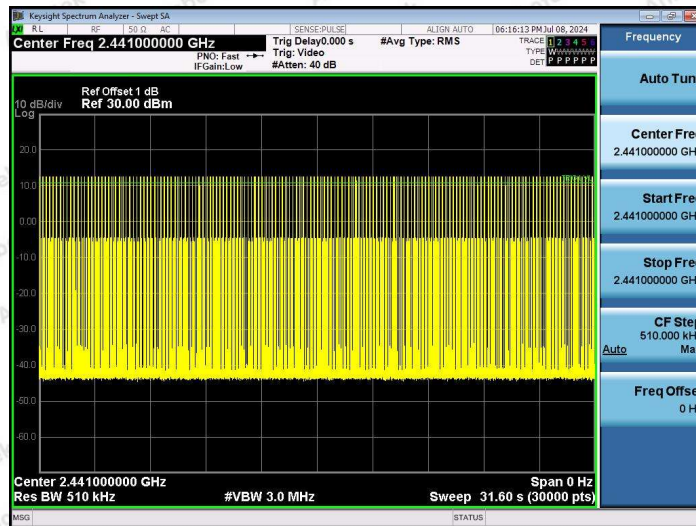
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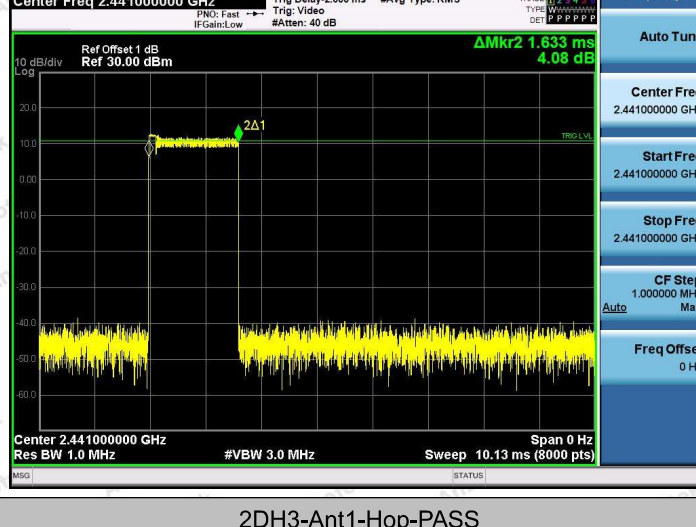




2D1H-Ant1-Hop-PASS



2D1H-Ant1-Hop-PASS



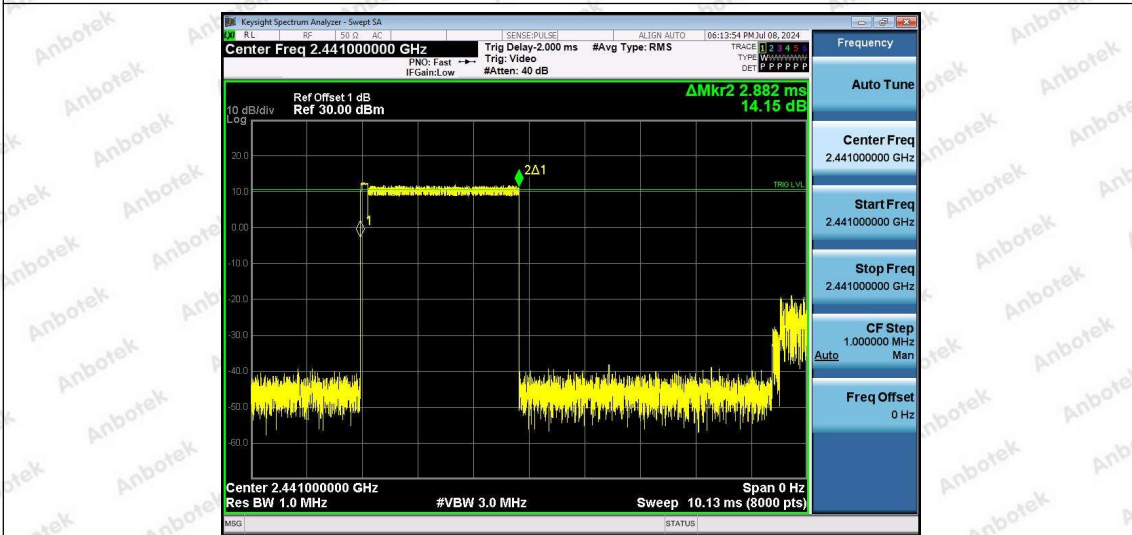
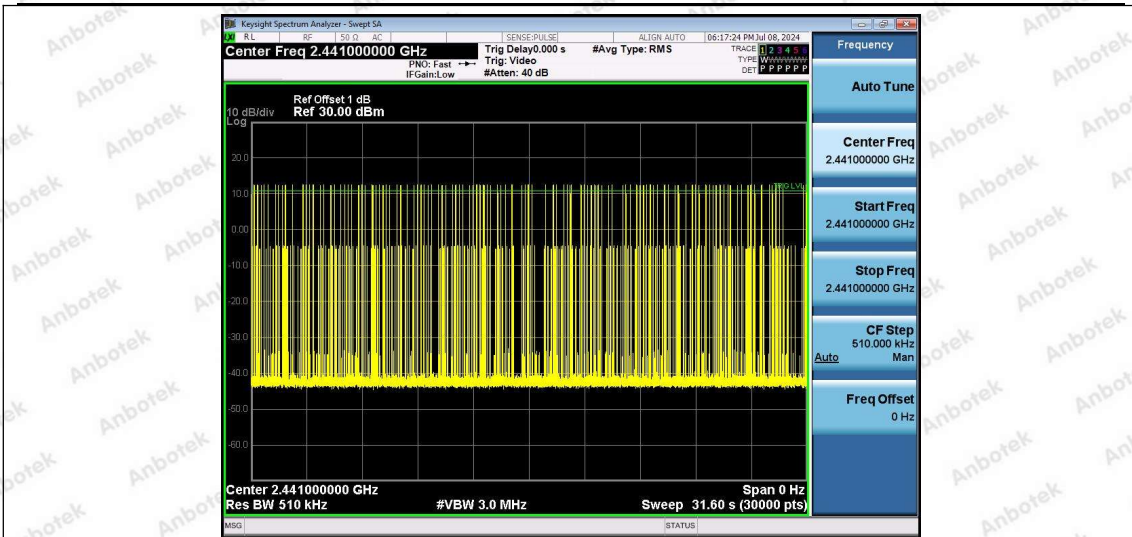
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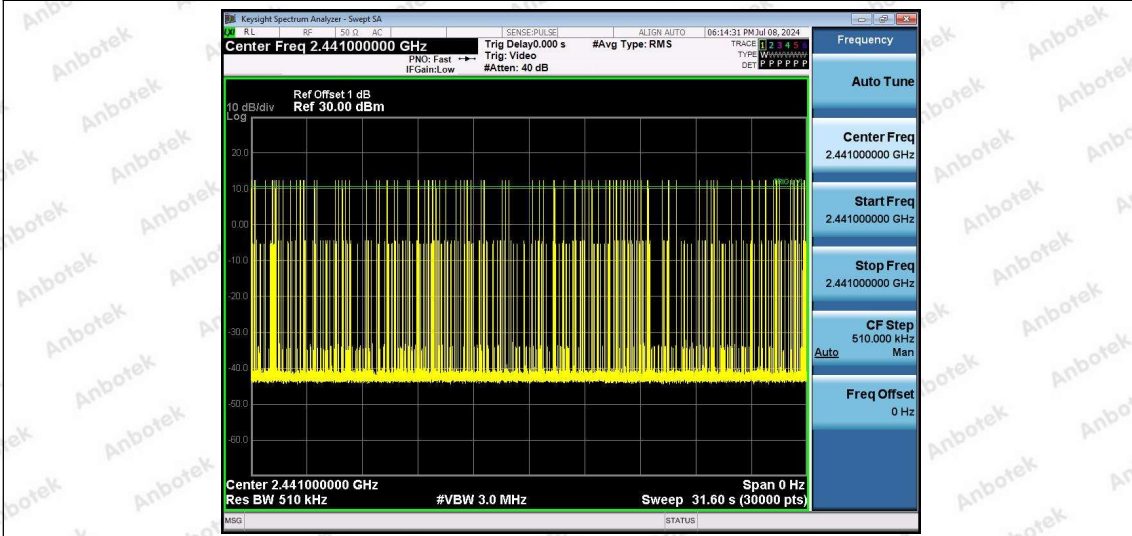
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2DH5-Ant1-Hop-PASS

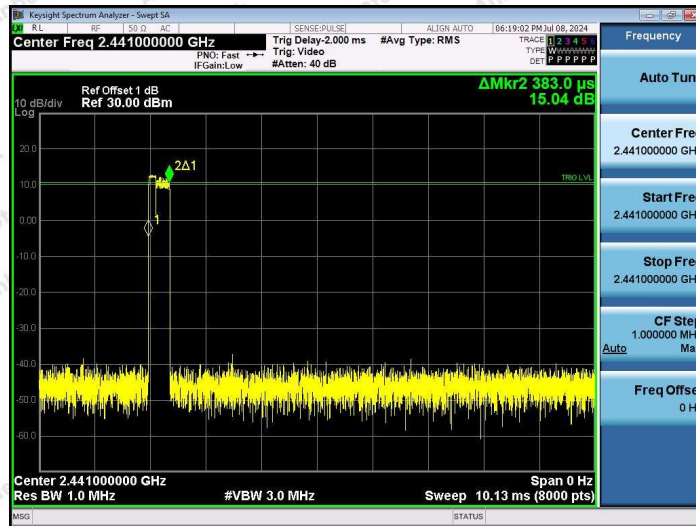


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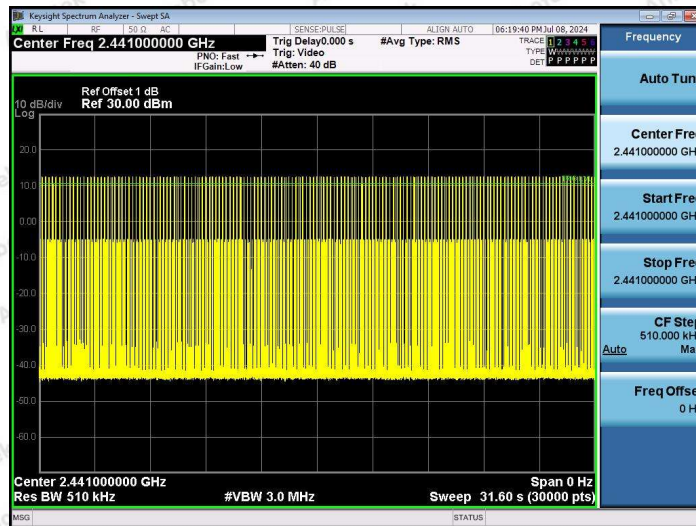
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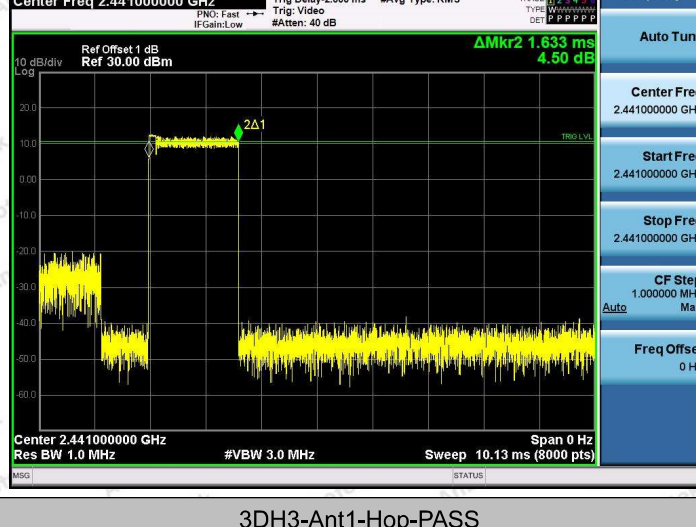




3DH1-Ant1-Hop-PASS



3DH3-Ant1-Hop-PASS



3DH3-Ant1-Hop-PASS

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