

Appendix Test Data

Report No.:	1819C40030812501	Test Sample No.:	1-2-2
Start Test Date:	2024.9.6	Finish Test Date:	2024.9.25
Test Engineer:	Joker Wang	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	0.960	2401.529	2402.489	---	---
DH5	Ant1	2441	0.960	2440.529	2441.489	---	---
DH5	Ant1	2480	0.972	2479.517	2480.489	---	---
2DH5	Ant1	2402	1.281	2401.364	2402.645	---	---
2DH5	Ant1	2441	1.281	2440.367	2441.648	---	---
2DH5	Ant1	2480	1.278	2479.373	2480.651	---	---
3DH5	Ant1	2402	1.305	2401.346	2402.651	---	---
3DH5	Ant1	2441	1.296	2440.352	2441.648	---	---
3DH5	Ant1	2480	1.281	2479.349	2480.630	---	---



Test Graphs



DH5-Ant1-2402



DH5-Ant1-2441



DH5-Ant1-2480

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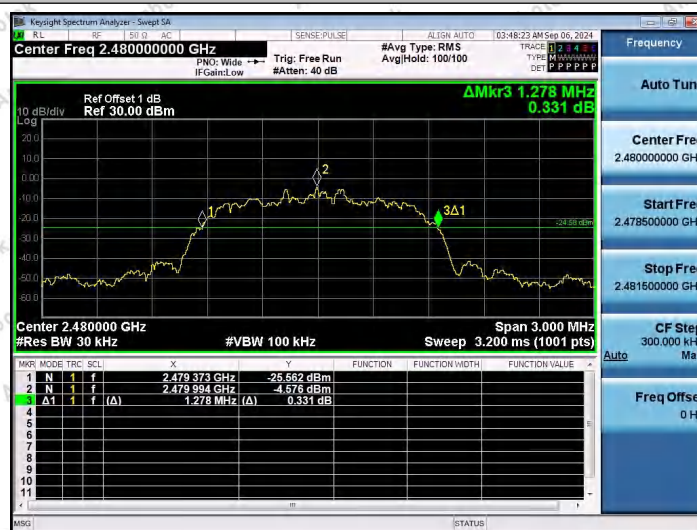




2DH5-Ant1-2402



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	0.87007	2401.5636	2402.4337	---	---
DH5	Ant1	2441	0.86699	2440.5627	2441.4297	---	---
DH5	Ant1	2480	0.87597	2479.5601	2480.4361	---	---
2DH5	Ant1	2402	1.1899	2401.3994	2402.5893	---	---
2DH5	Ant1	2441	1.1796	2440.4068	2441.5864	---	---
2DH5	Ant1	2480	1.1876	2479.4052	2480.5928	---	---
3DH5	Ant1	2402	1.1914	2401.4043	2402.5957	---	---
3DH5	Ant1	2441	1.1888	2440.4041	2441.5929	---	---
3DH5	Ant1	2480	1.1792	2479.4112	2480.5904	---	---



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-Left Earphone

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	1.02	≤30	PASS
DH5	Ant1	2441	2.16	≤30	PASS
DH5	Ant1	2480	0.45	≤30	PASS
2DH5	Ant1	2402	0.45	≤30	PASS
2DH5	Ant1	2441	1.65	≤30	PASS
2DH5	Ant1	2480	0.15	≤30	PASS
3DH5	Ant1	2402	0.98	≤30	PASS
3DH5	Ant1	2441	2.08	≤30	PASS
3DH5	Ant1	2480	0.58	≤30	PASS

Test Graphs-Left Earphone





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





3DH5-Ant1-2441-PASS



3DH5-Ant1-2480-PASS



Test Result Peak-Right Earphone

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	0.92	≤30	PASS
DH5	Ant1	2441	2.07	≤30	PASS
DH5	Ant1	2480	0.40	≤30	PASS
2DH5	Ant1	2402	0.37	≤30	PASS
2DH5	Ant1	2441	1.58	≤30	PASS
2DH5	Ant1	2480	0.10	≤30	PASS
3DH5	Ant1	2402	0.60	≤30	PASS
3DH5	Ant1	2441	2.11	≤30	PASS
3DH5	Ant1	2480	0.64	≤30	PASS

Test Graphs-Right Earphone



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DH5-Ant1-2480-PASS



2DH5-Ant1-2402-PASS



2DH5-Ant1-2441-PASS

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2DH5-Ant1-2480-PASS



3DH5-Ant1-2402-PASS



3DH5-Ant1-2441-PASS

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Appendix D: Carrier frequency separation

Test Result

TestMode	Antenna	Frequency[MHz]	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	0.99	≥ 0.648	PASS
2DH5	Ant1	Hop	0.996	≥ 0.854	PASS
3DH5	Ant1	Hop	1.32	≥ 0.870	PASS



Test Graphs



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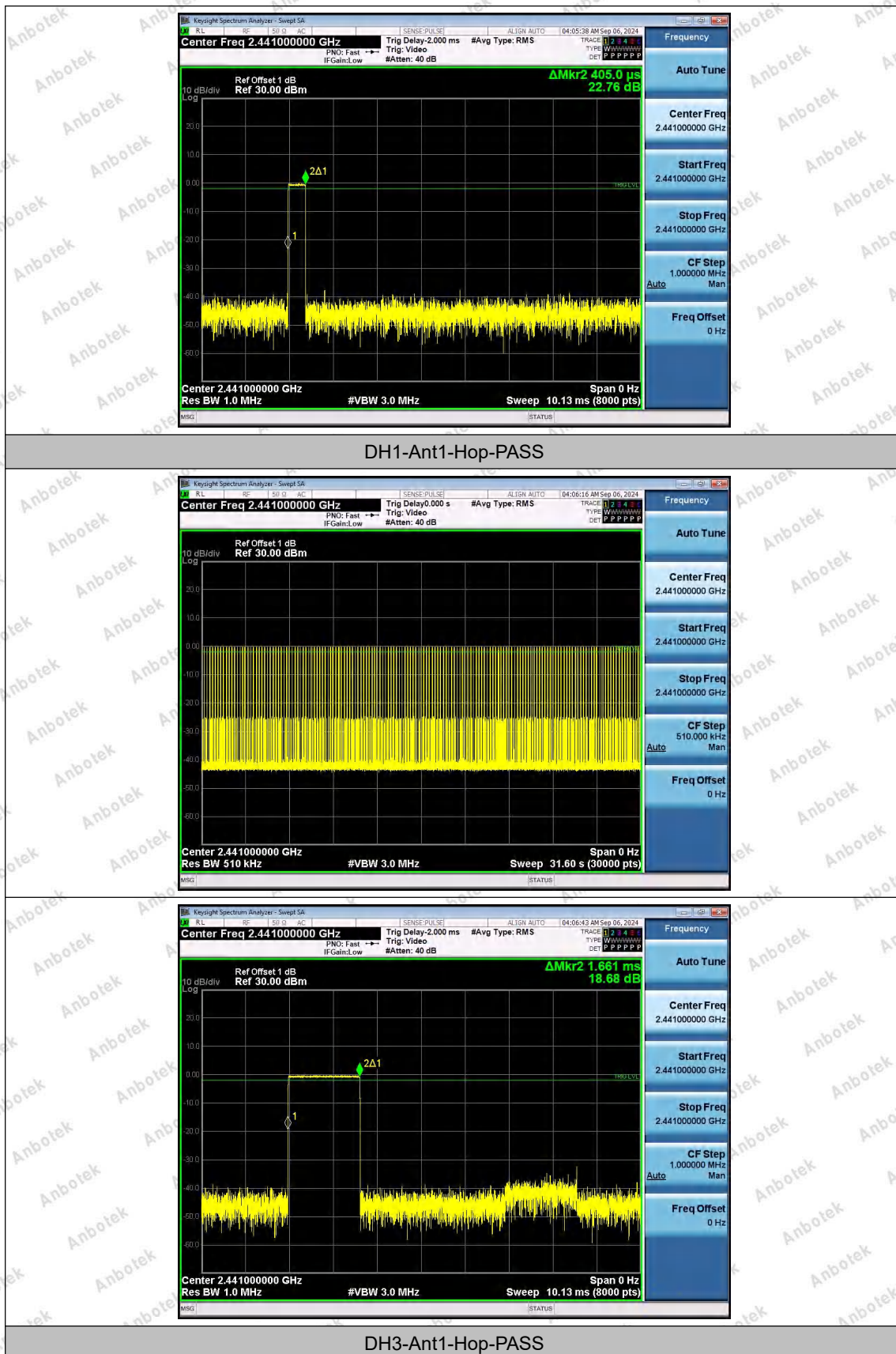
Appendix E: Dwell Time

Test Result

TestMode	Antenna	Frequency[MHz]	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.405	318	0.129	≤0.4	PASS
DH3	Ant1	Hop	1.661	165	0.274	≤0.4	PASS
DH5	Ant1	Hop	2.908	112	0.326	≤0.4	PASS
2DH1	Ant1	Hop	0.414	318	0.132	≤0.4	PASS
2DH3	Ant1	Hop	1.667	165	0.275	≤0.4	PASS
2DH5	Ant1	Hop	2.915	108	0.315	≤0.4	PASS
3DH1	Ant1	Hop	0.405	317	0.128	≤0.4	PASS
3DH3	Ant1	Hop	1.666	155	0.258	≤0.4	PASS
3DH5	Ant1	Hop	2.917	122	0.356	≤0.4	PASS



Test Graphs



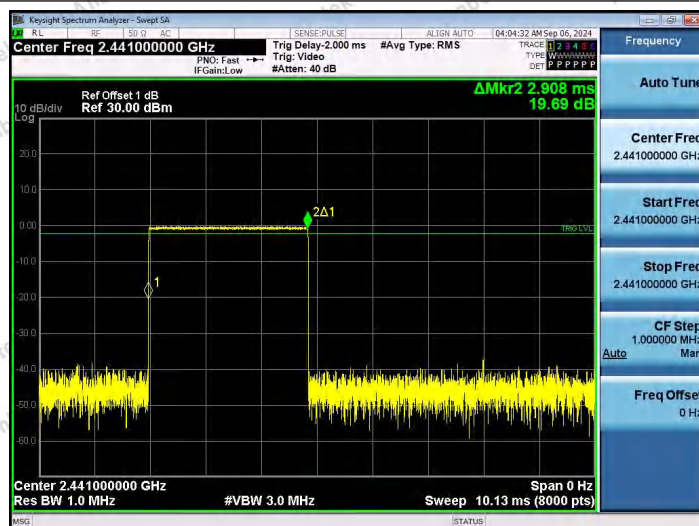
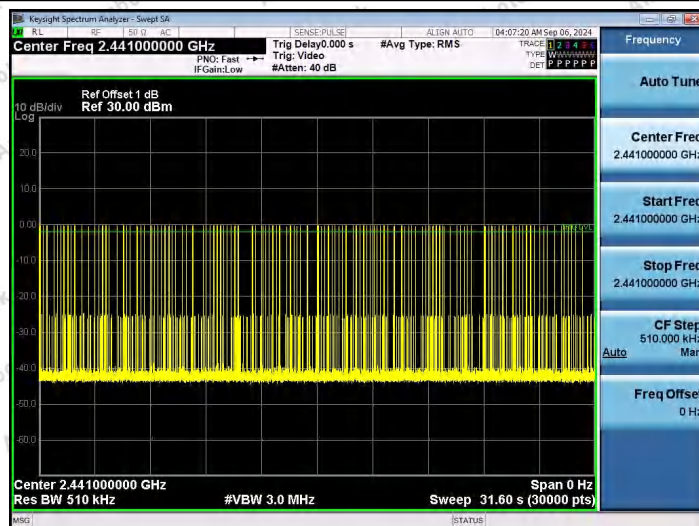
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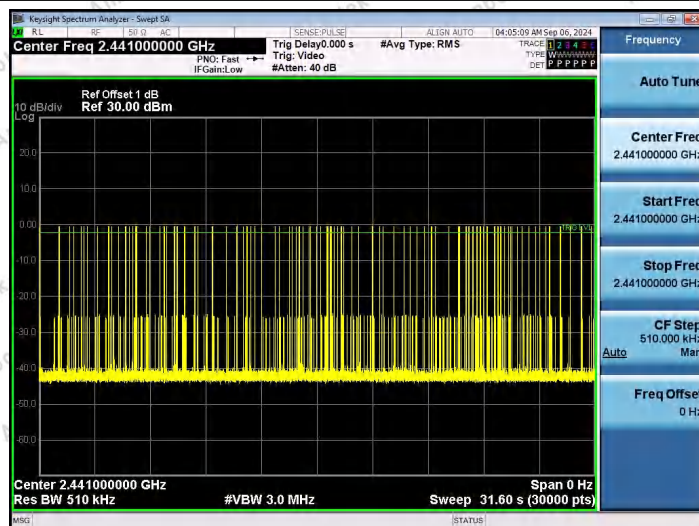


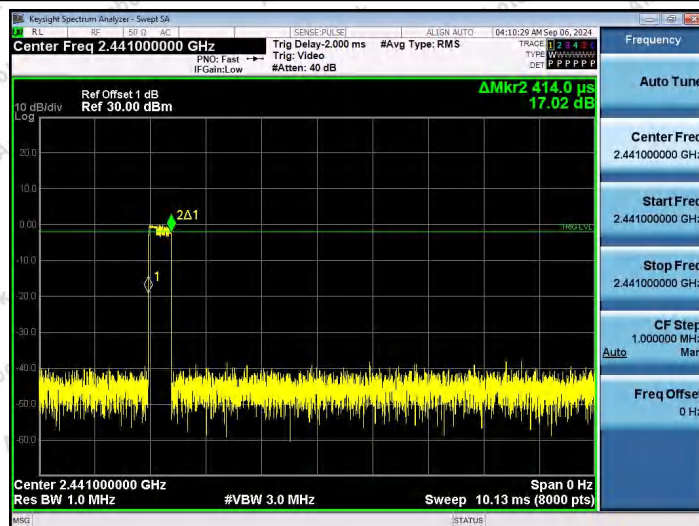
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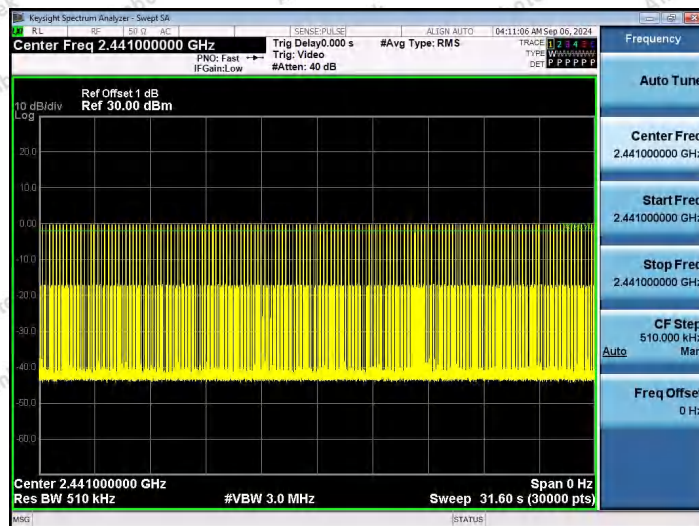


DH5-Ant1-Hop-PASS



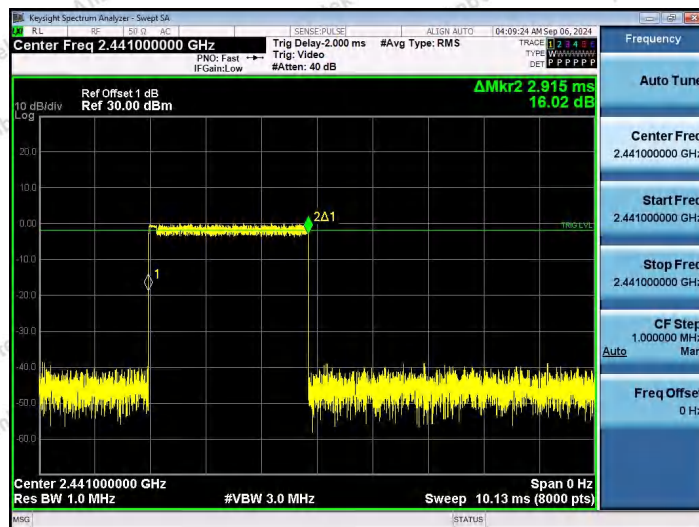
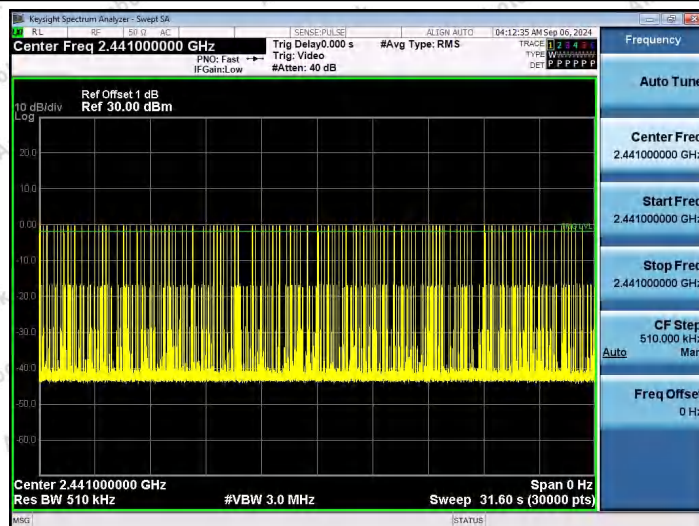


2DH1-Ant1-Hop-PASS

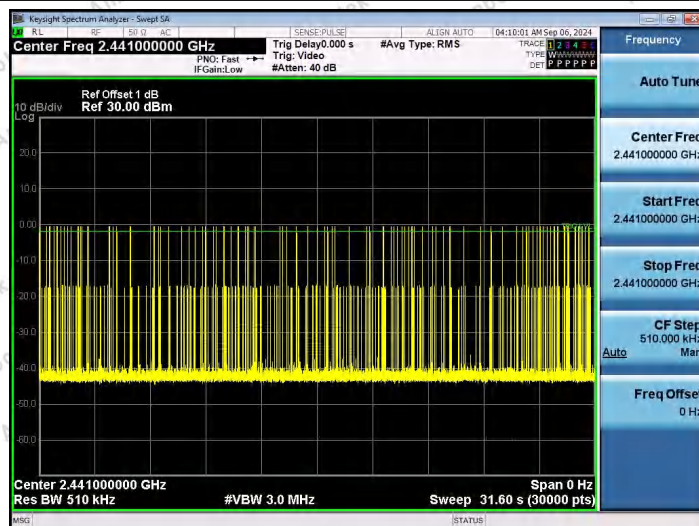


2DH3-Ant1-Hop-PASS





2DH5-Ant1-Hop-PASS



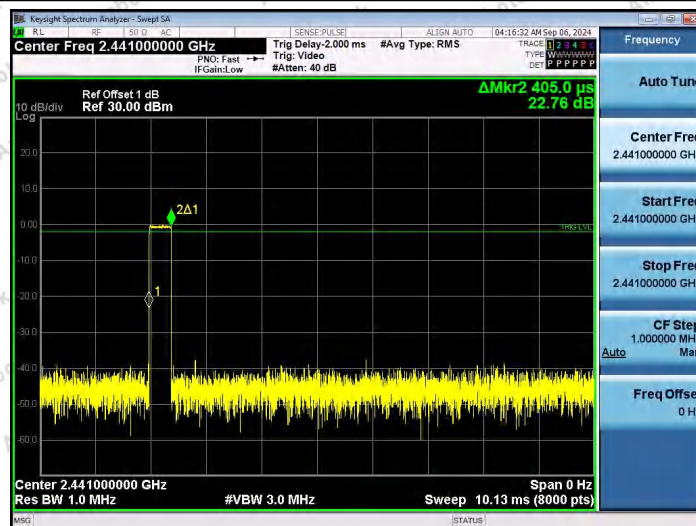
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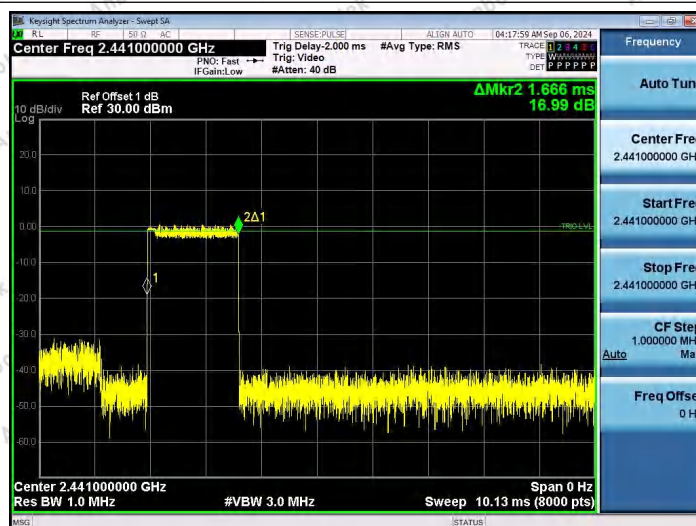
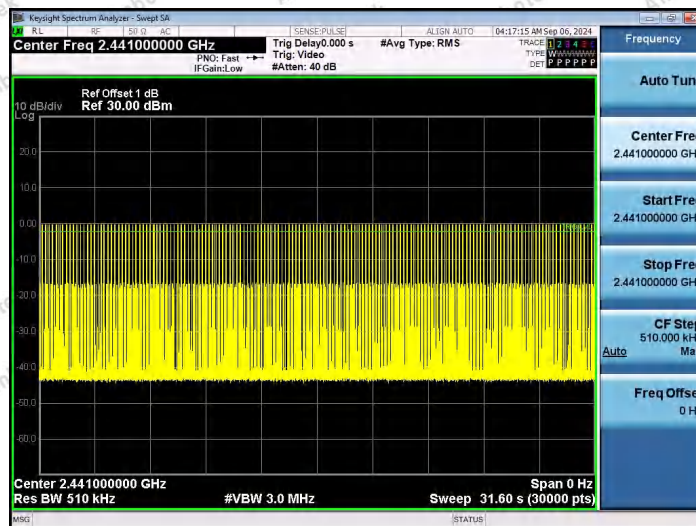


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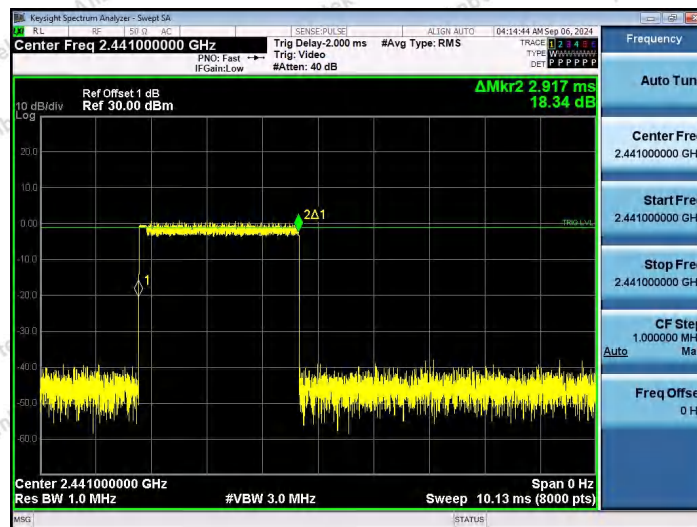
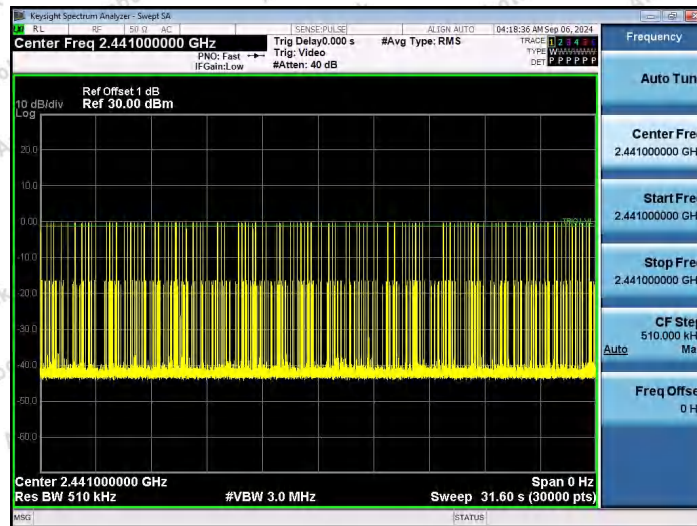


3DH1-Ant1-Hop-PASS

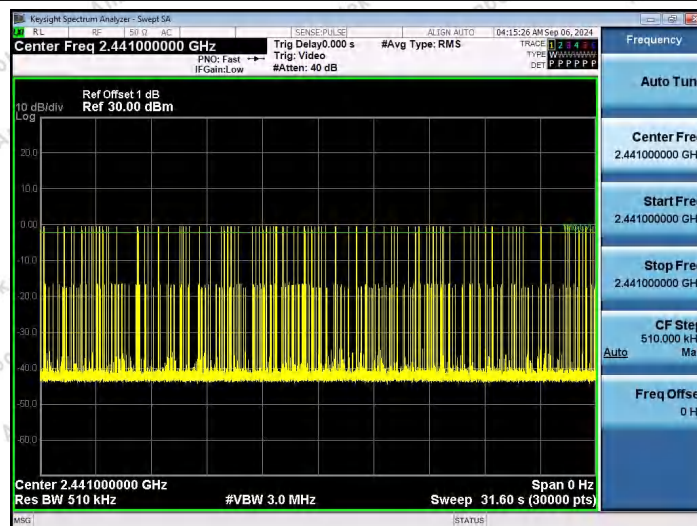


3DH3-Ant1-Hop-PASS





3DH5-Ant1-Hop-PASS



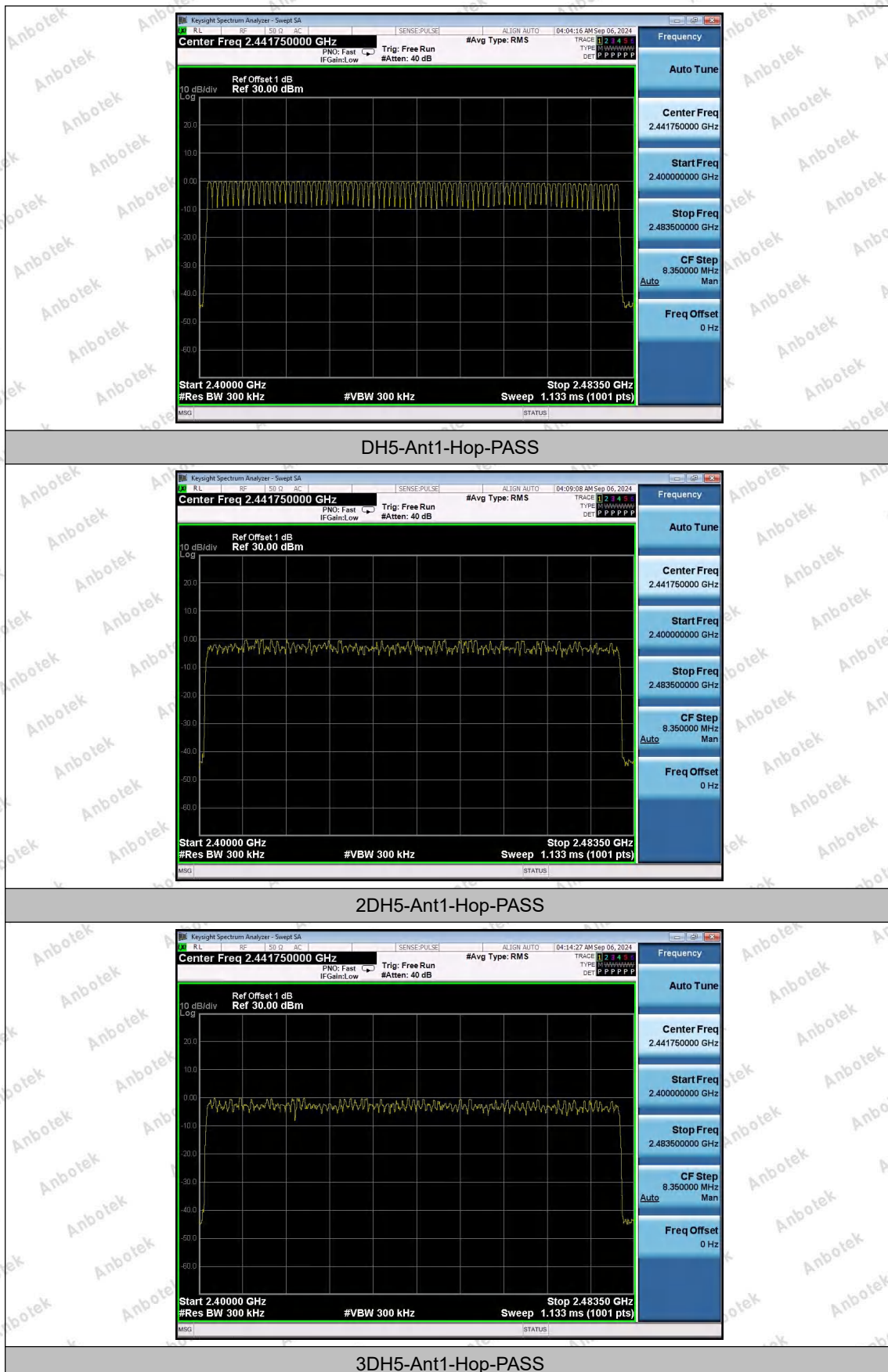
Appendix F: Number of Hopping Channel

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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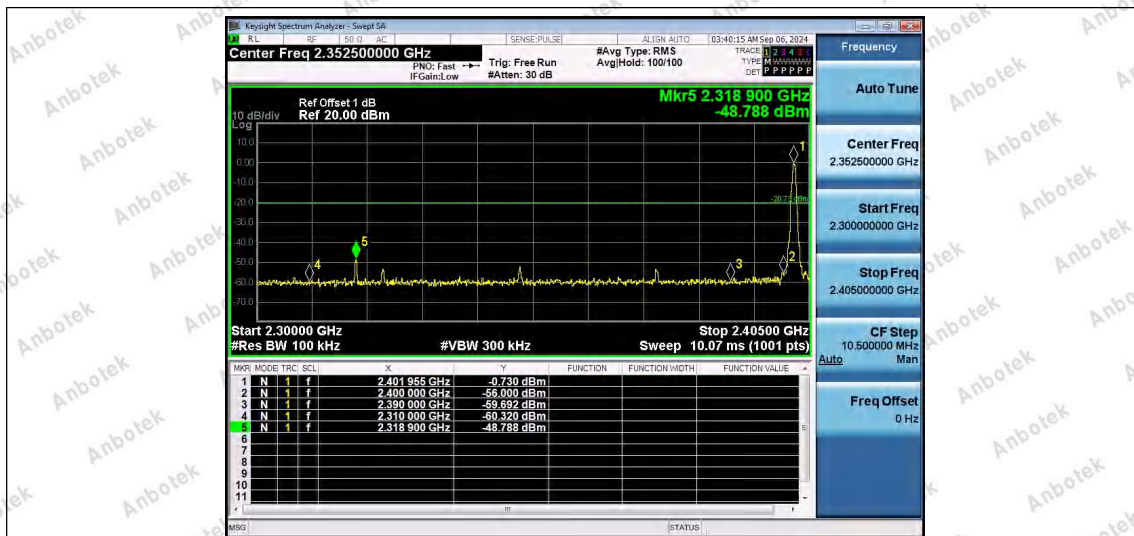
Appendix G: Conducted Band edge

Test Result

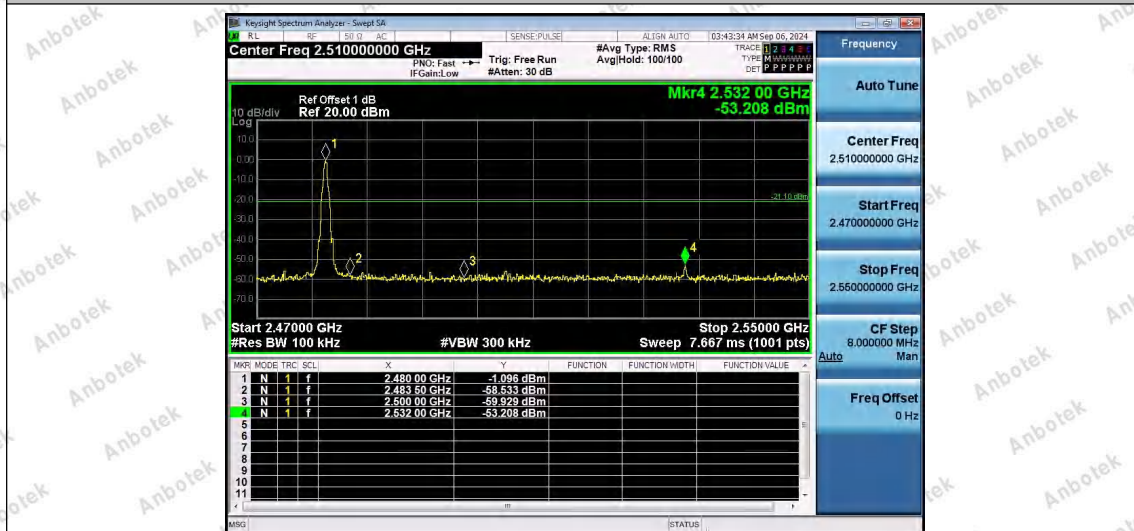
TestMode	Antenna	ChName	Frequency[MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-0.73	-48.79	≤-20.73	PASS
DH5	Ant1	High	2480	-1.10	-53.21	≤-21.1	PASS
DH5	Ant1	Low	Hop_2402	-0.36	-50.22	≤-20.36	PASS
DH5	Ant1	High	Hop_2480	-1.17	-51.49	≤-21.17	PASS
2DH5	Ant1	Low	2402	-0.35	-52.4	≤-20.35	PASS
2DH5	Ant1	High	2480	-3.94	-55.34	≤-23.94	PASS
2DH5	Ant1	Low	Hop_2402	-1.19	-52.86	≤-21.19	PASS
2DH5	Ant1	High	Hop_2480	-1.19	-52.84	≤-21.19	PASS
3DH5	Ant1	Low	2402	-0.37	-46.43	≤-20.37	PASS
3DH5	Ant1	High	2480	-1.92	-55.85	≤-21.92	PASS
3DH5	Ant1	Low	Hop_2402	-5.04	-45.51	≤-25.04	PASS
3DH5	Ant1	High	Hop_2480	-4.96	-53.37	≤-24.96	PASS



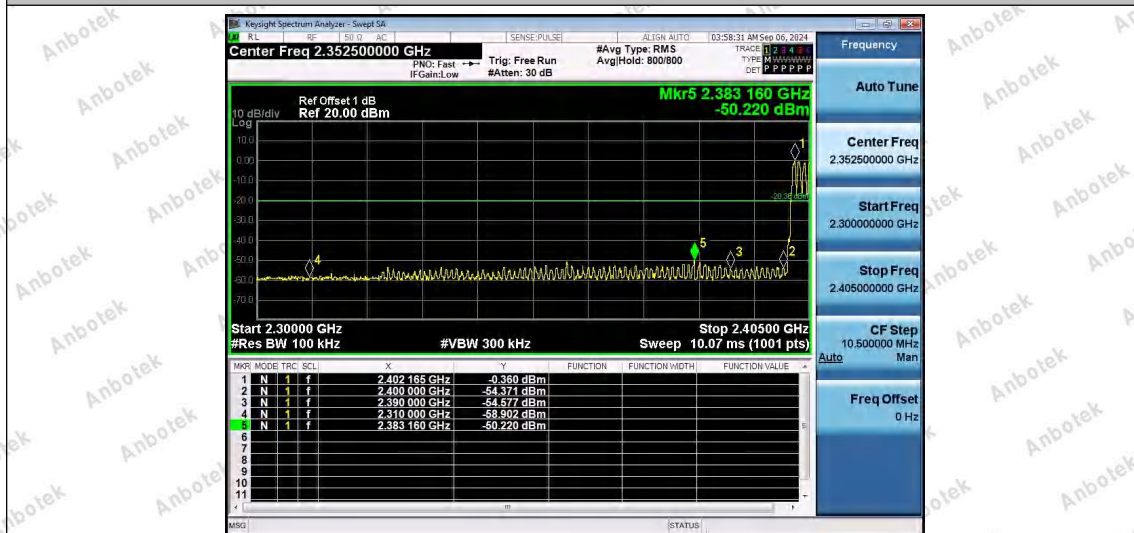
Test Graphs



DH5-Ant1-2402-PASS



DH5-Ant1-2480-PASS



DH5-Ant1-Hop_2402-PASS

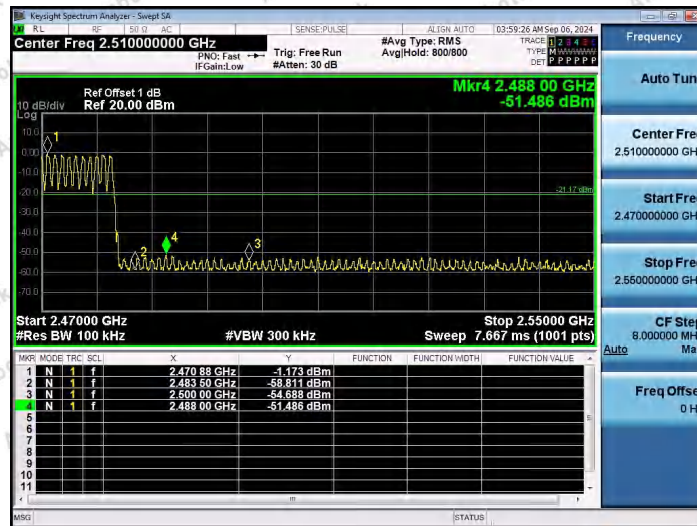
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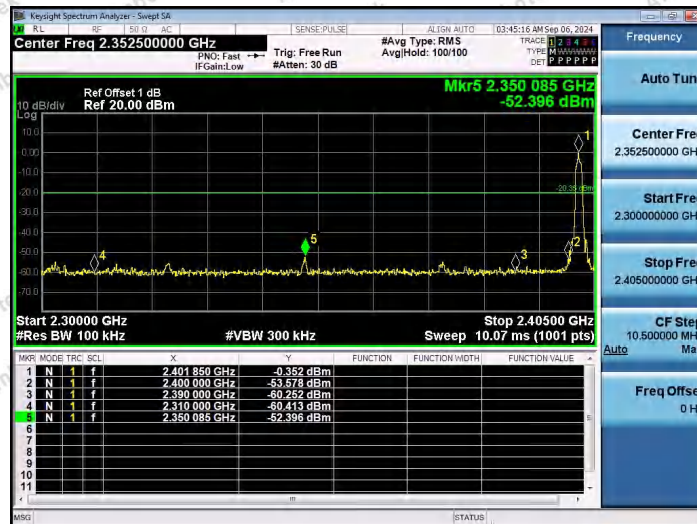


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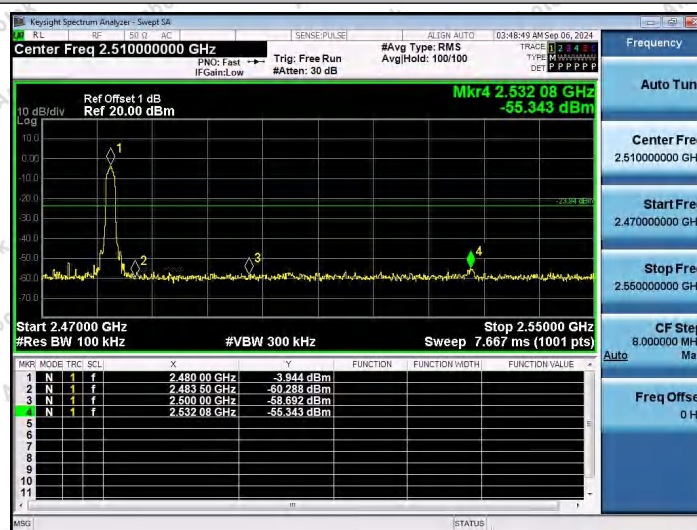




DH5-Ant1-Hop_2480-PASS



2DH5-Ant1-2402-PASS



2DH5-Ant1-2480-PASS

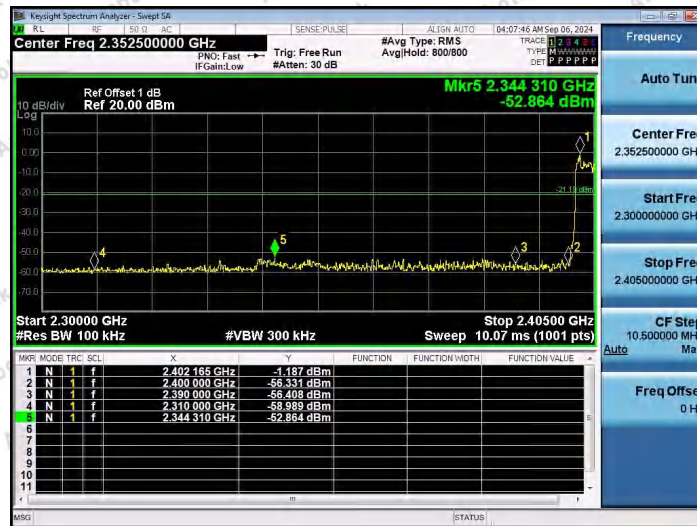
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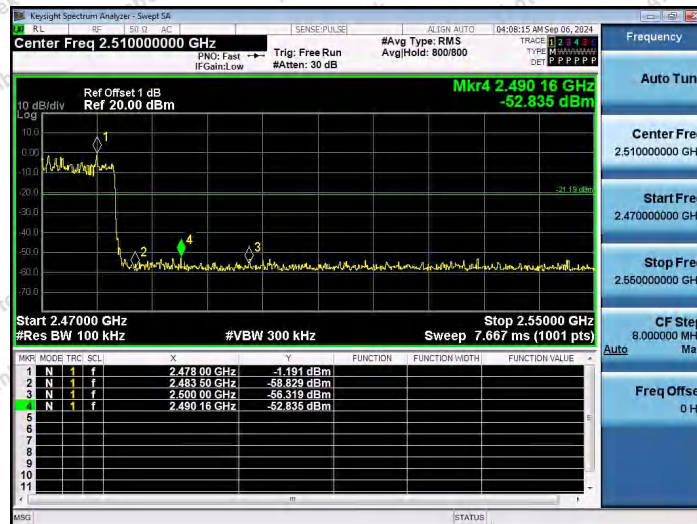


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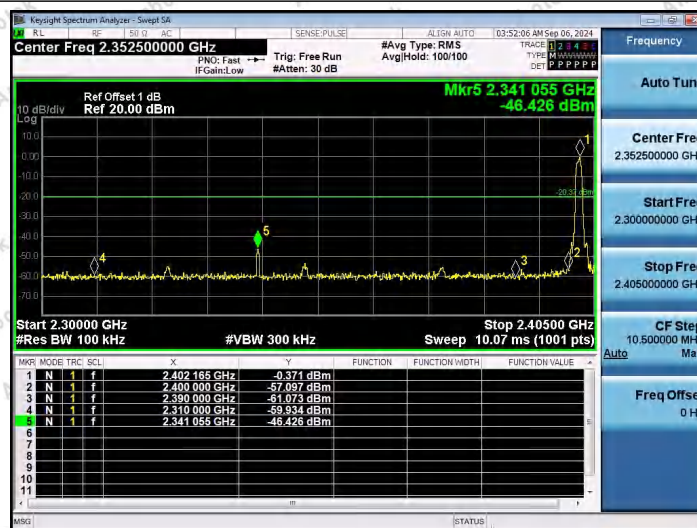




2DH5-Ant1-Hop_2402-PASS



2DH5-Ant1-Hop_2480-PASS



3DH5-Ant1-2402-PASS

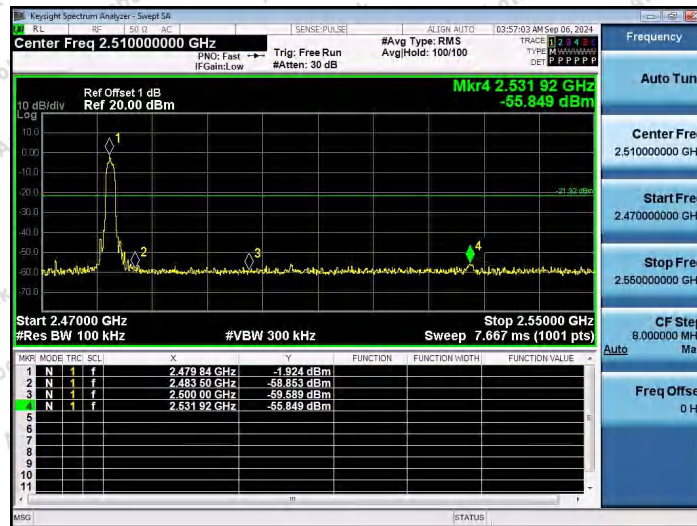
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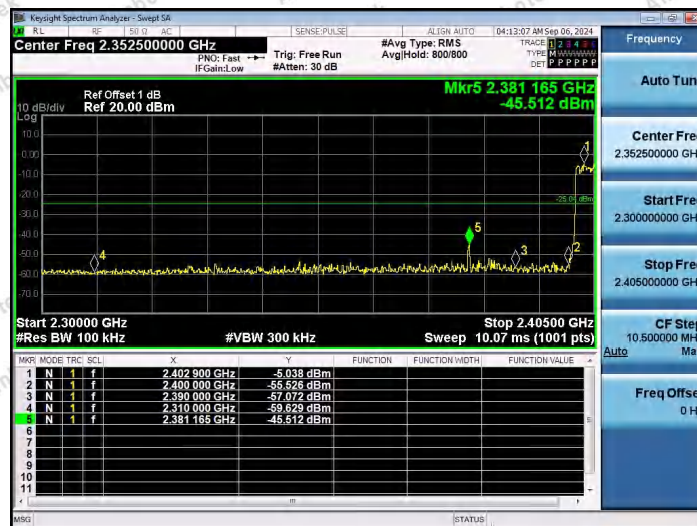


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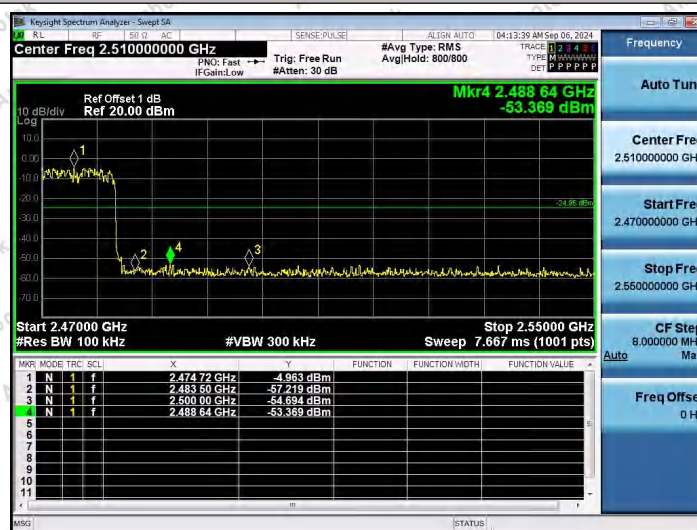




3DH5-Ant1-2480-PASS



3DH5-Ant1-Hop_2402-PASS



3DH5-Ant1-Hop_2480-PASS

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Appendix H: Conducted Spurious Emission

Test Result

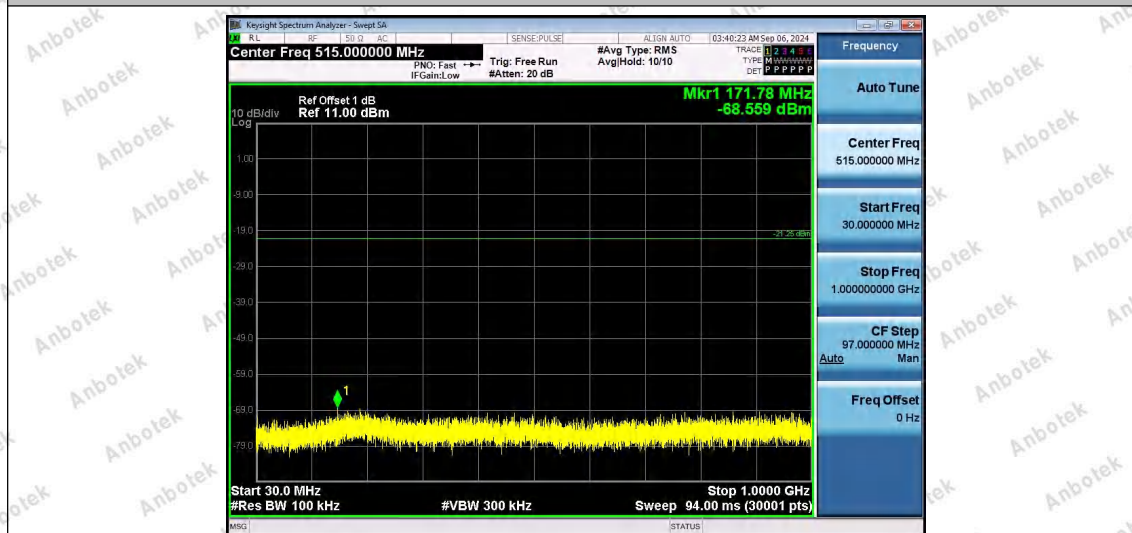
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DH5	Ant1	2402	0~Reference	-1.25	-1.25	---	PASS
DH5	Ant1	2402	30~1000	-1.25	-68.56	≤-21.25	PASS
DH5	Ant1	2402	1000~26500	-1.25	-37.56	≤-21.25	PASS
DH5	Ant1	2441	0~Reference	-1.32	-1.32	---	PASS
DH5	Ant1	2441	30~1000	-1.32	-68.1	≤-21.32	PASS
DH5	Ant1	2441	1000~26500	-1.32	-41.72	≤-21.32	PASS
DH5	Ant1	2480	0~Reference	-1.35	-1.35	---	PASS
DH5	Ant1	2480	30~1000	-1.35	-68.18	≤-21.35	PASS
DH5	Ant1	2480	1000~26500	-1.35	-44.61	≤-21.35	PASS
2DH5	Ant1	2402	0~Reference	-1.03	-1.03	---	PASS
2DH5	Ant1	2402	30~1000	-1.03	-68.72	≤-21.03	PASS
2DH5	Ant1	2402	1000~26500	-1.03	-43.89	≤-21.03	PASS
2DH5	Ant1	2441	0~Reference	-2.55	-2.55	---	PASS
2DH5	Ant1	2441	30~1000	-2.55	-68.04	≤-22.55	PASS
2DH5	Ant1	2441	1000~26500	-2.55	-39.85	≤-22.55	PASS
2DH5	Ant1	2480	0~Reference	-6.16	-6.16	---	PASS
2DH5	Ant1	2480	30~1000	-6.16	-68.59	≤-26.16	PASS
2DH5	Ant1	2480	1000~26500	-6.16	-43.09	≤-26.16	PASS
3DH5	Ant1	2402	0~Reference	-1.45	-1.45	---	PASS
3DH5	Ant1	2402	30~1000	-1.45	-68.11	≤-21.45	PASS
3DH5	Ant1	2402	1000~26500	-1.45	-44.05	≤-21.45	PASS
3DH5	Ant1	2441	0~Reference	-2.79	-2.79	---	PASS
3DH5	Ant1	2441	30~1000	-2.79	-68.25	≤-22.79	PASS
3DH5	Ant1	2441	1000~26500	-2.79	-45.1	≤-22.79	PASS
3DH5	Ant1	2480	0~Reference	-4.39	-4.39	---	PASS
3DH5	Ant1	2480	30~1000	-4.39	-67.73	≤-24.39	PASS
3DH5	Ant1	2480	1000~26500	-4.39	-49.14	≤-24.39	PASS



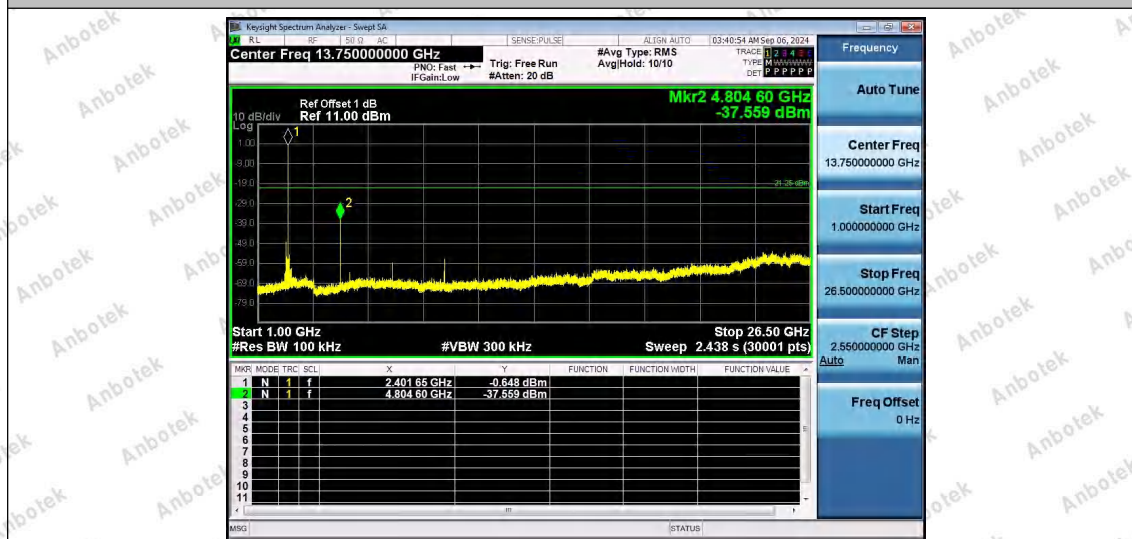
Test Graphs



DH5-Ant1-2402-0~Reference-PASS



DH5-Ant1-2402-30~1000-PASS

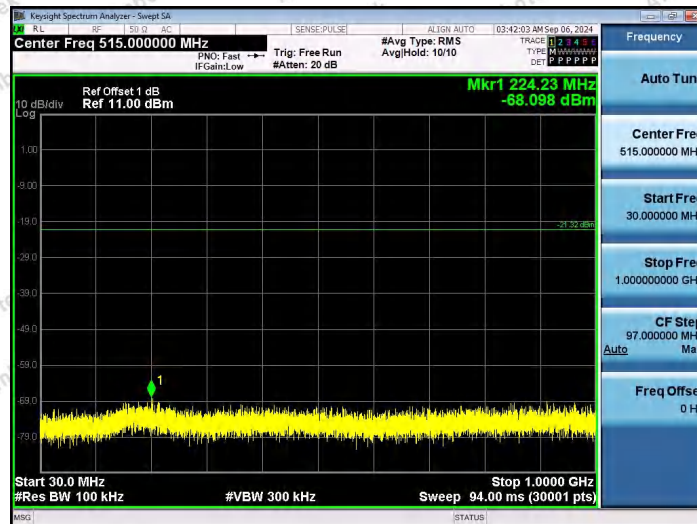


DH5-Ant1-2402-1000~26500-PASS

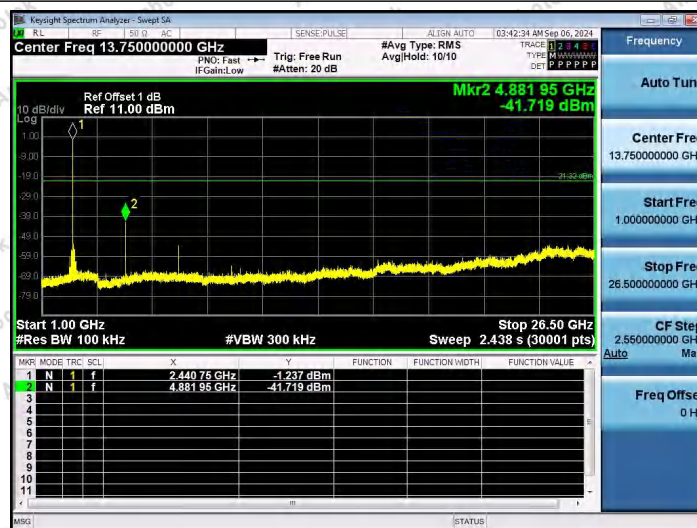




DH5-Ant1-2441-0~Reference-PASS



DH5-Ant1-2441-30~1000-PASS

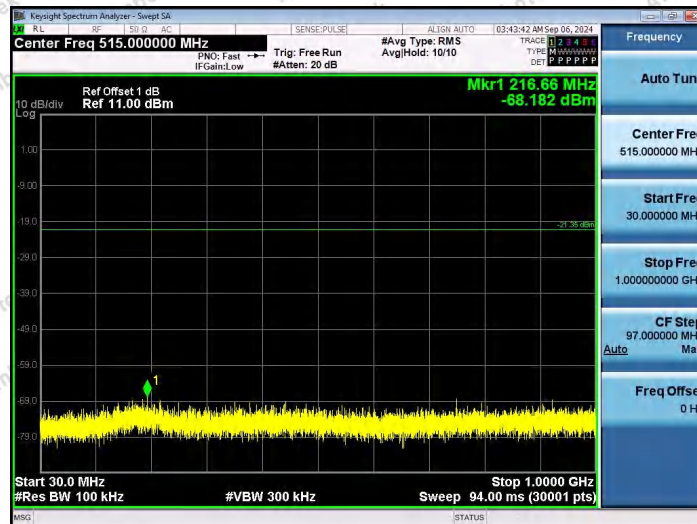


DH5-Ant1-2441-1000~26500-PASS

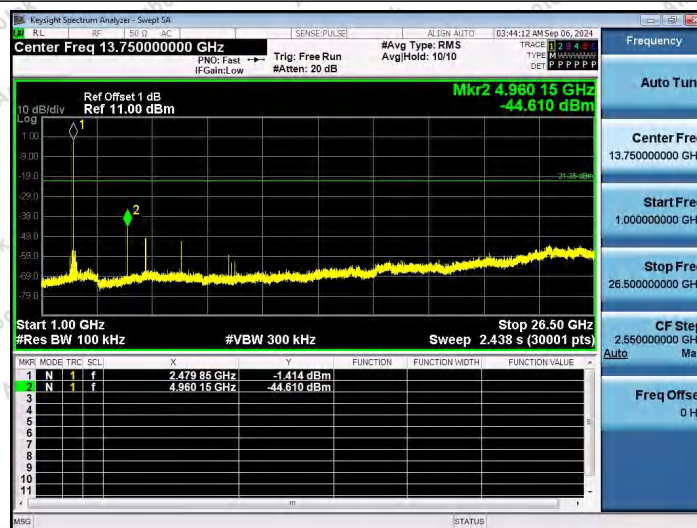




DH5-Ant1-2480-0~Reference-PASS



DH5-Ant1-2480-30~1000-PASS

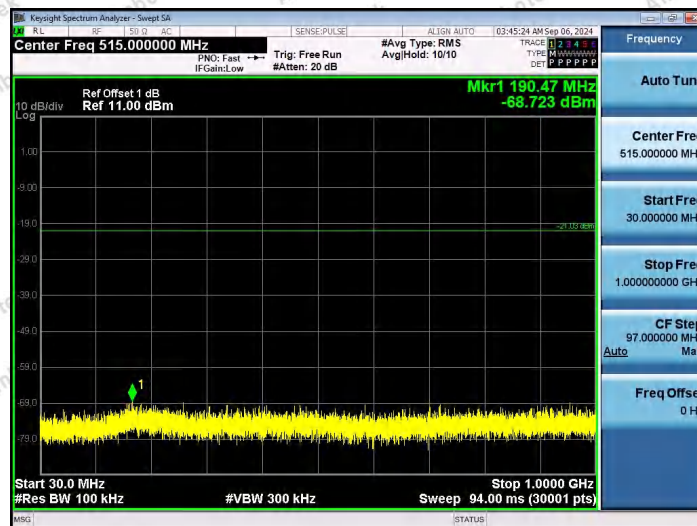


DH5-Ant1-2480-1000~26500-PASS

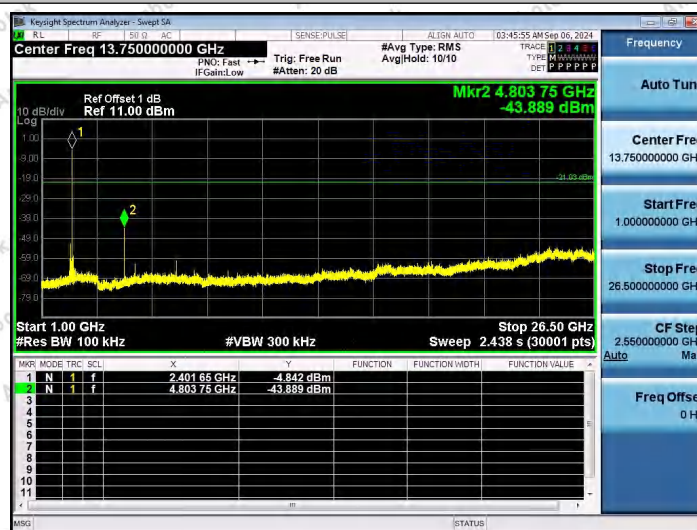




2DH5-Ant1-2402-0~Reference-PASS



2DH5-Ant1-2402-30~1000-PASS

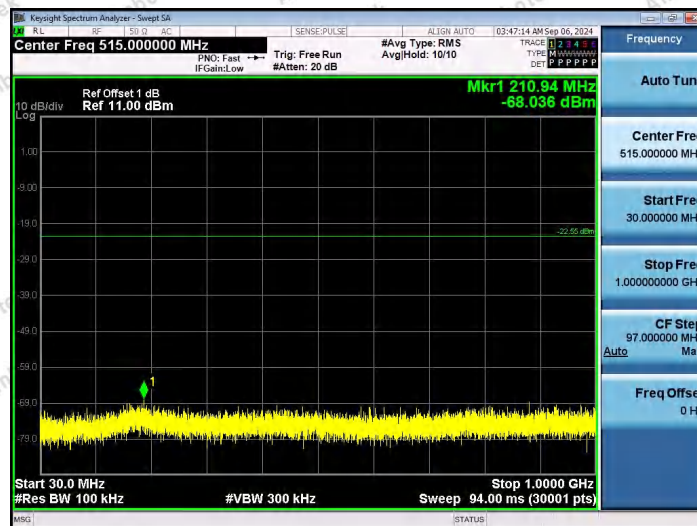


2DH5-Ant1-2402-1000~26500-PASS

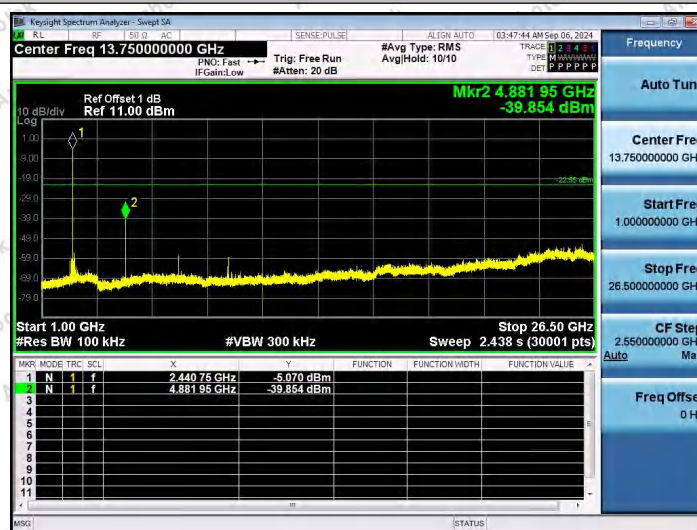




2DH5-Ant1-2441-0~Reference-PASS



2DH5-Ant1-2441-30~1000-PASS

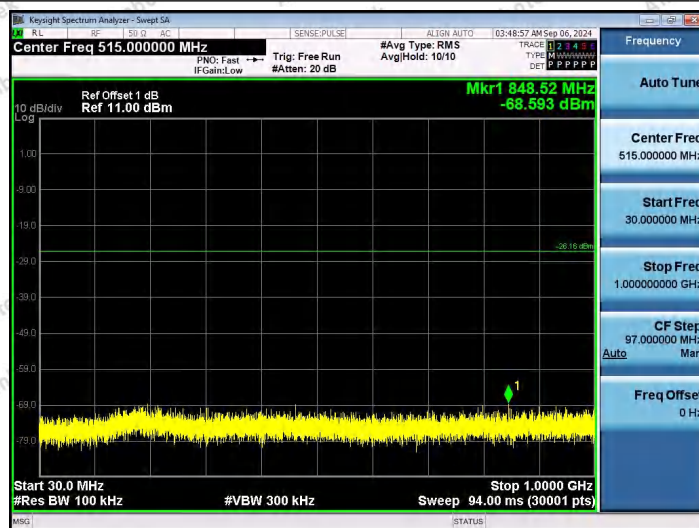


2DH5-Ant1-2441-1000~26500-PASS

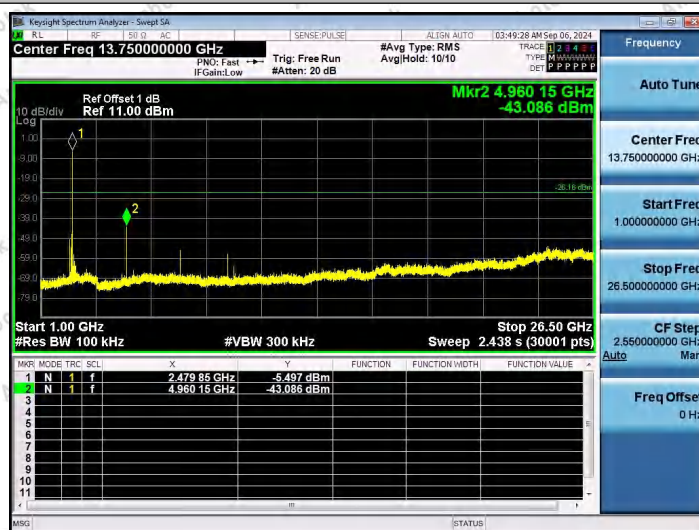




2DH5-Ant1-2480-0~Reference-PASS



2DH5-Ant1-2480-30~1000-PASS



2DH5-Ant1-2480-1000~26500-PASS

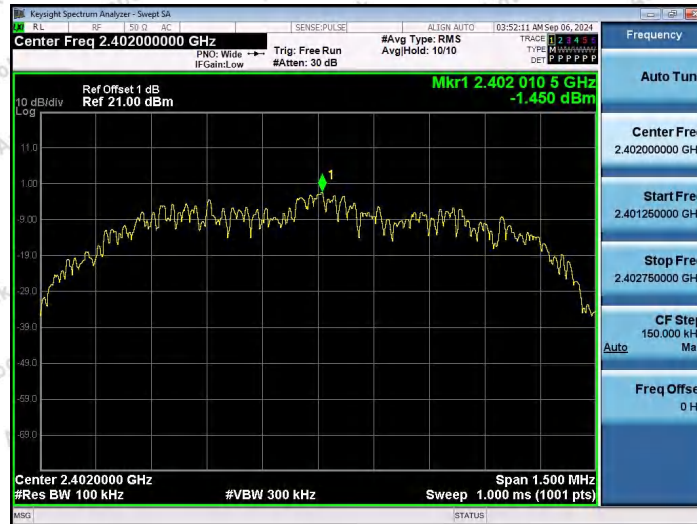
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Tel: (86)0755-26066440 Email: service@anbotech.com

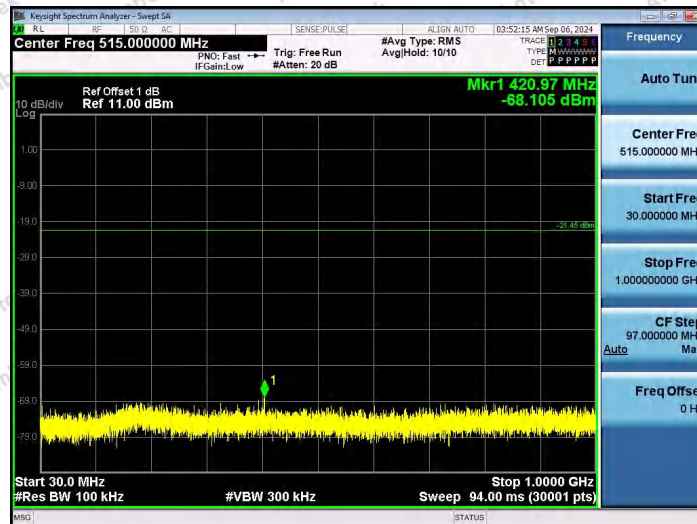


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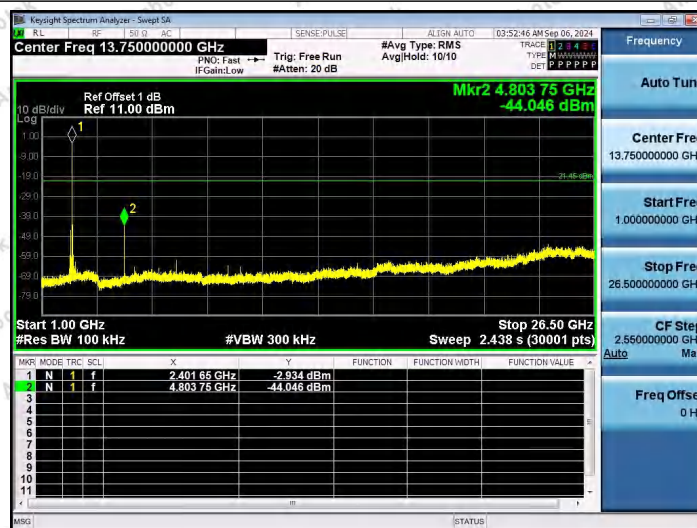




3DH5-Ant1-2402-0~Reference-PASS



3DH5-Ant1-2402-30~1000-PASS

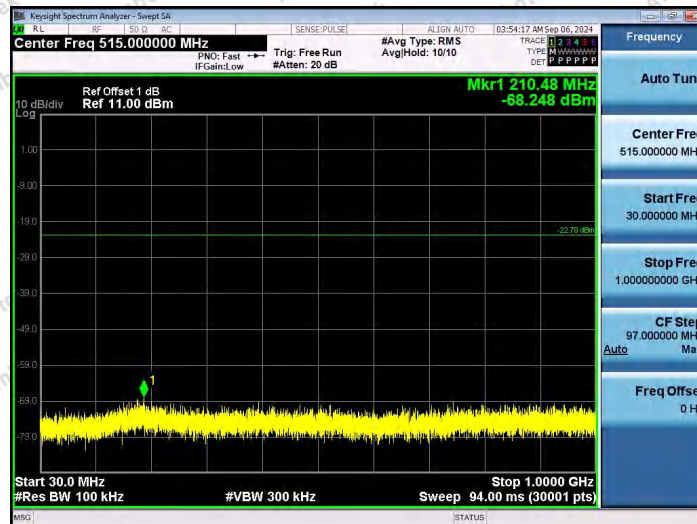


3DH5-Ant1-2402-1000~26500-PASS

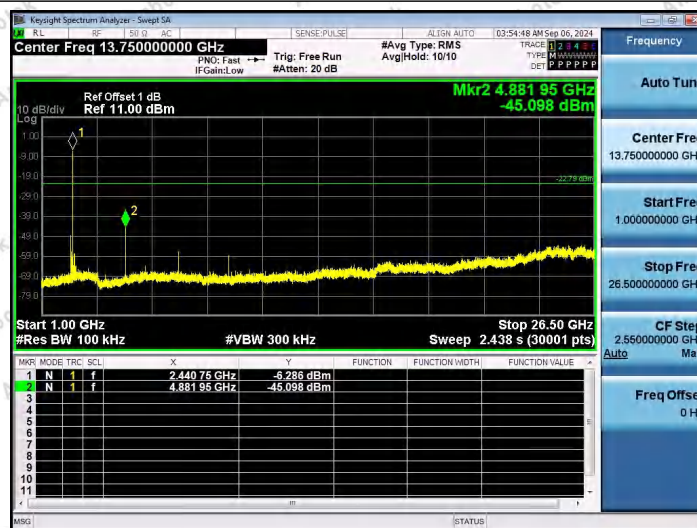




3DH5-Ant1-2441-0~Reference-PASS



3DH5-Ant1-2441-30~1000-PASS

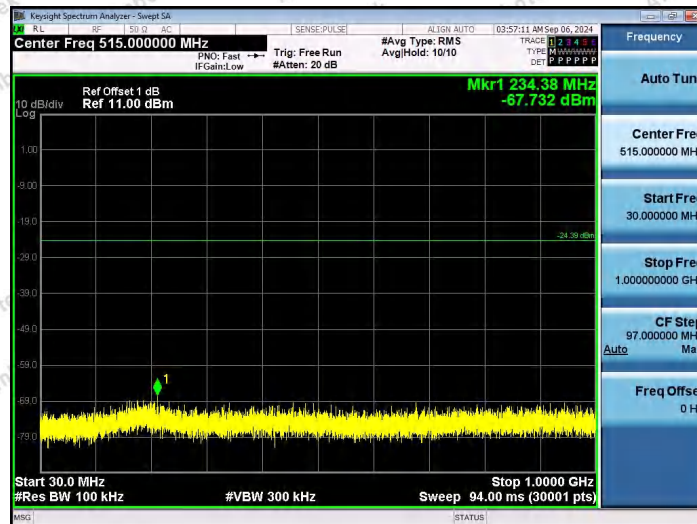


3DH5-Ant1-2441-1000~26500-PASS

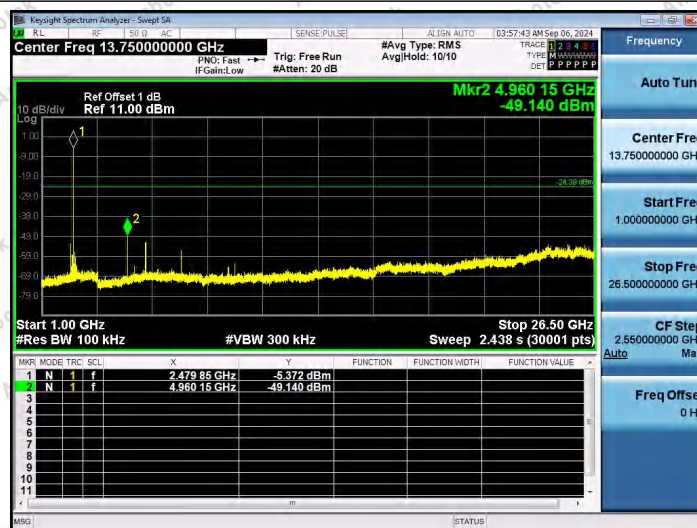




3DH5-Ant1-2480-0~Reference-PASS



3DH5-Ant1-2480-30~1000-PASS



3DH5-Ant1-2480-1000~26500-PASS

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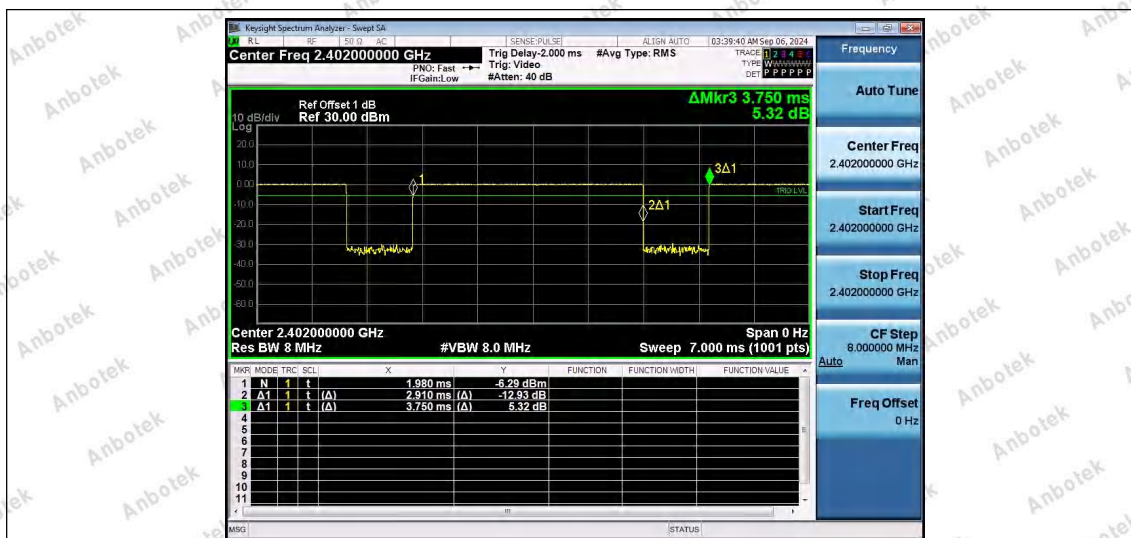
Appendix I: Duty Cycle

Test Result

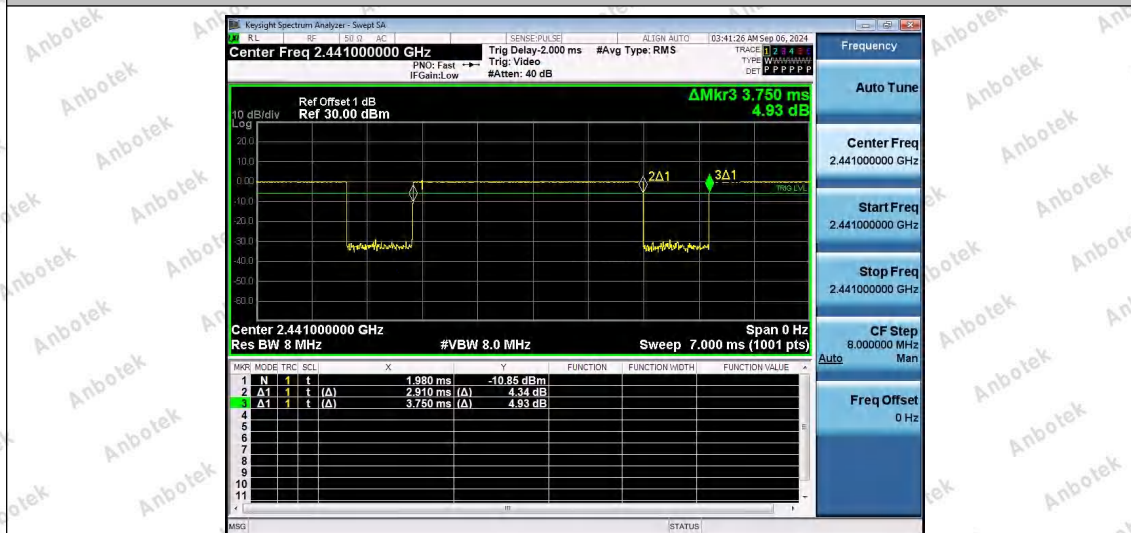
TestMode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
DH5	Ant1	2402	2.91	3.75	77.60	1.10
DH5	Ant1	2441	2.91	3.75	77.60	1.10
DH5	Ant1	2480	2.91	3.75	77.60	1.10
2DH5	Ant1	2402	2.92	3.75	77.87	1.09
2DH5	Ant1	2441	2.91	3.74	77.81	1.09
2DH5	Ant1	2480	2.92	3.76	77.66	1.10
3DH5	Ant1	2402	2.91	3.74	77.81	1.09
3DH5	Ant1	2441	2.92	3.74	78.07	1.08
3DH5	Ant1	2480	2.92	3.75	77.87	1.09



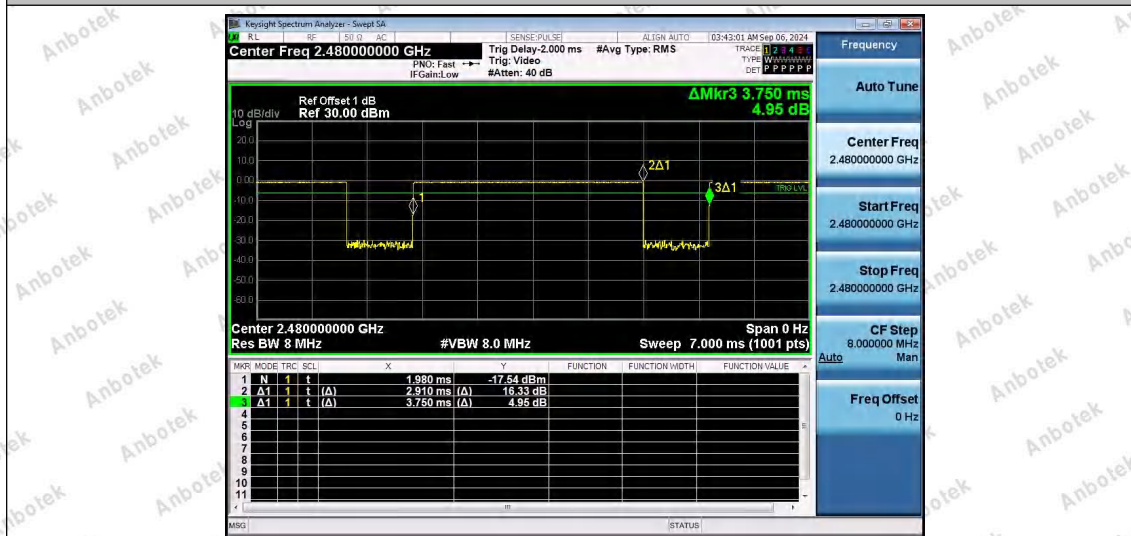
Test Graphs



NTNV-DH5-Ant1-2402



NTNV-DH5-Ant1-2441



NTNV-DH5-Ant1-2480

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 Tel: (86)0755-26066440 Email: service@anbotech.com

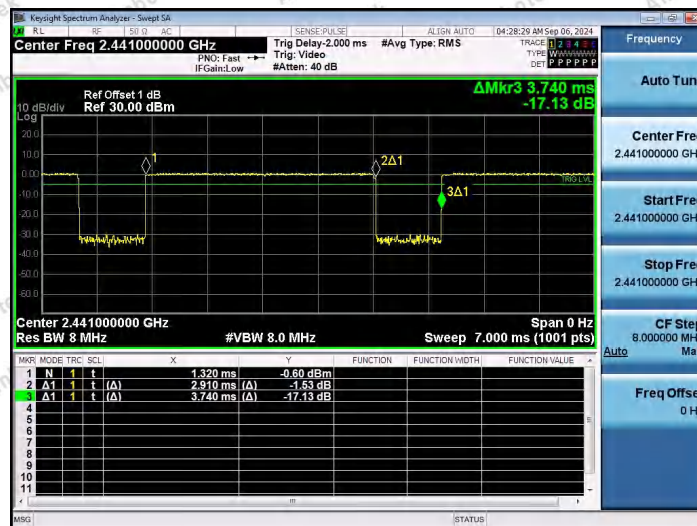


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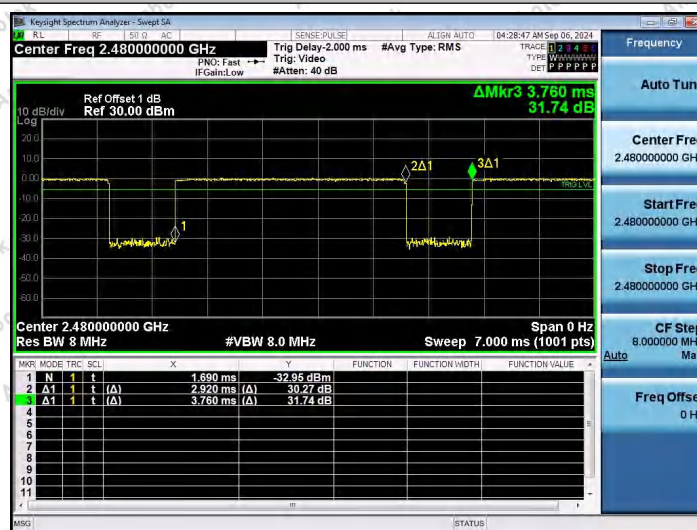




NTVN-2DH5-Ant1-2402



NTVN-2DH5-Ant1-2441



NTVN-2DH5-Ant1-2480

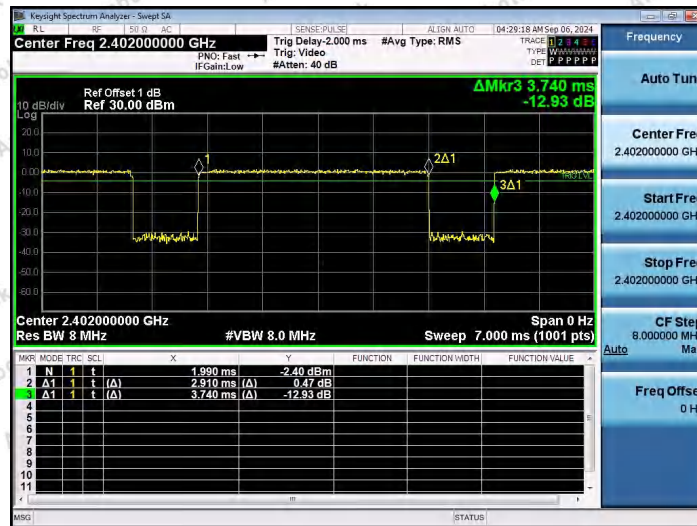
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Tel: (86)0755-26066440 Email: service@anbotech.com

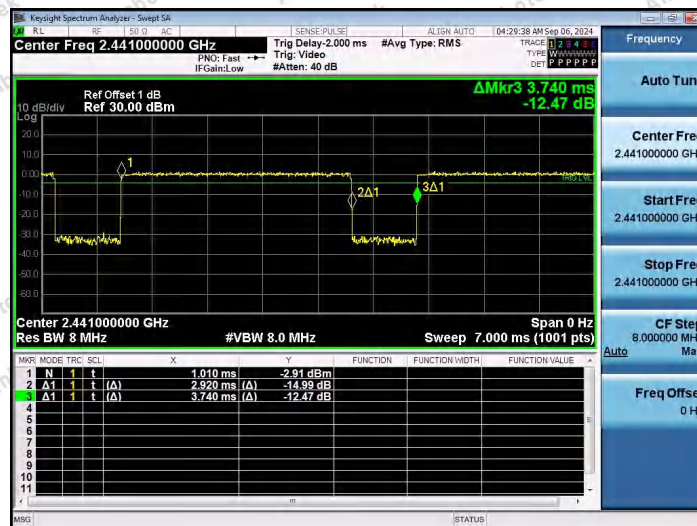


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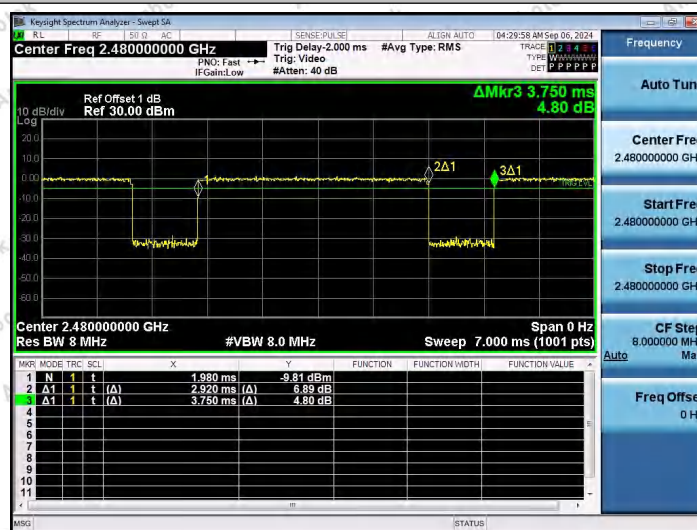




NTVN-3DH5-Ant1-2402



NTVN-3DH5-Ant1-2441



NTVN-3DH5-Ant1-2480

---End---

