

Appendix Test Data

Report No.:	182512C400022101	Test Sample No.:	1-2-2
Start Test Date:	2024.7.24	Finish Test Date:	2024.7.25
Test Engineer:	Joker Wang	Auditor:	Justin Feng
Temperature:	25.5℃	Relative Humidity:	47%
Pressure:	101kPa		
Module B			

Appendix A: 20dB Bandwidth

Test Result

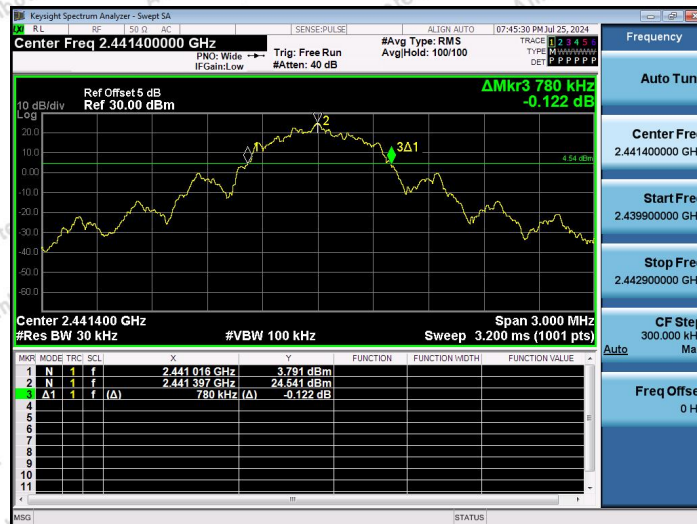
TestMode	Antenna	Frequency[MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
2.4G	Ant2	2402.4	0.777	2402.010	2402.787	---	---
2.4G	Ant2	2441.4	0.780	2441.016	2441.796	---	---
2.4G	Ant2	2479.4	0.786	2479.001	2479.787	---	---



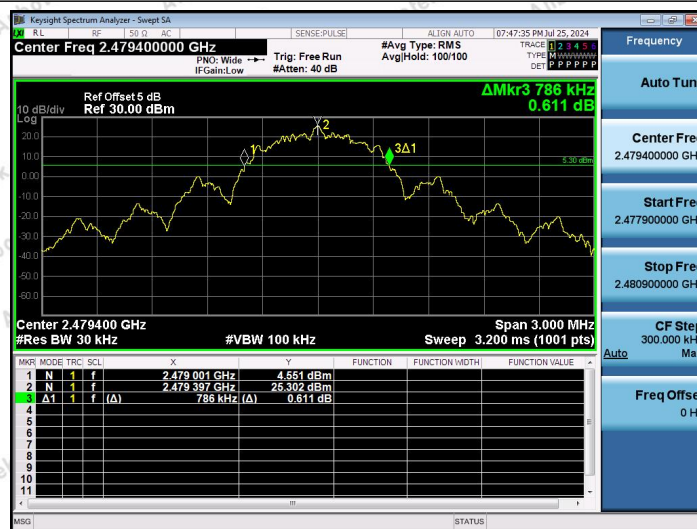
Test Graphs



2.4G-Ant2-2402.4



2.4G-Ant2-2441.4



2.4G-Ant2-2479.4

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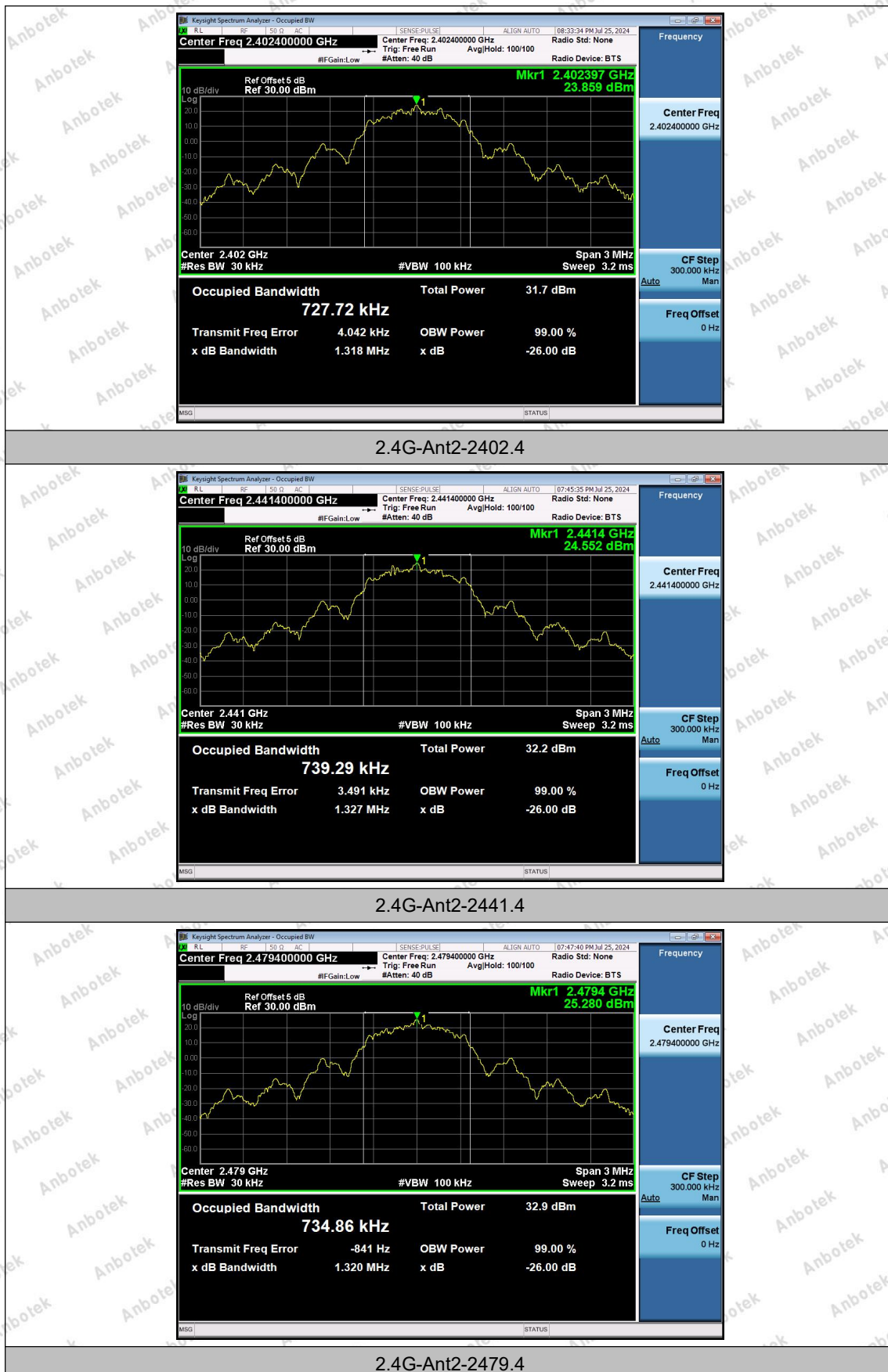
Appendix B: 99% Occupied Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
2.4G	Ant2	2402.4	0.72772	2402.0402	2402.7679	---	---
2.4G	Ant2	2441.4	0.73929	2441.0338	2441.7731	---	---
2.4G	Ant2	2479.4	0.73486	2479.0317	2479.7666	---	---



Test Graphs



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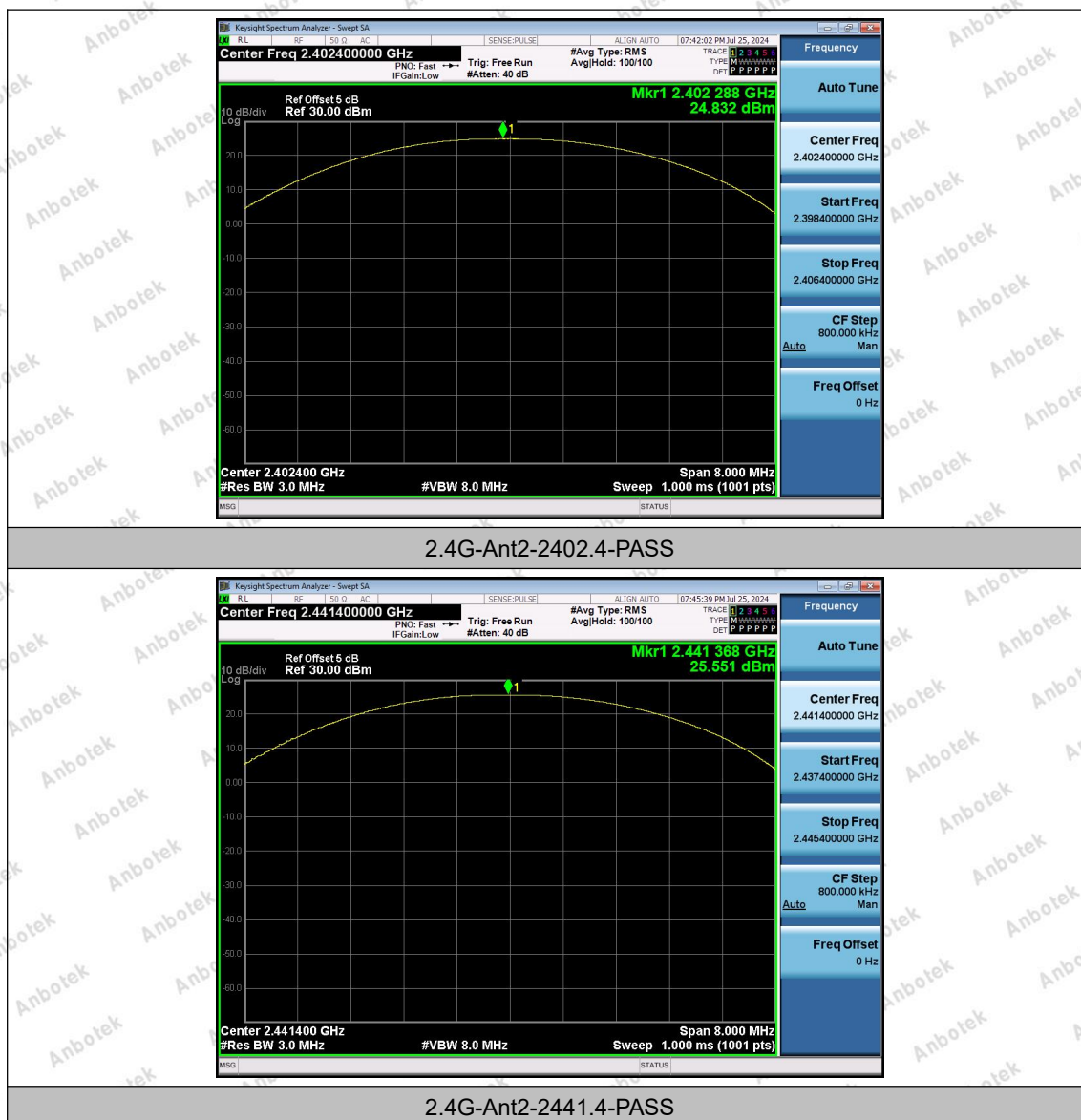


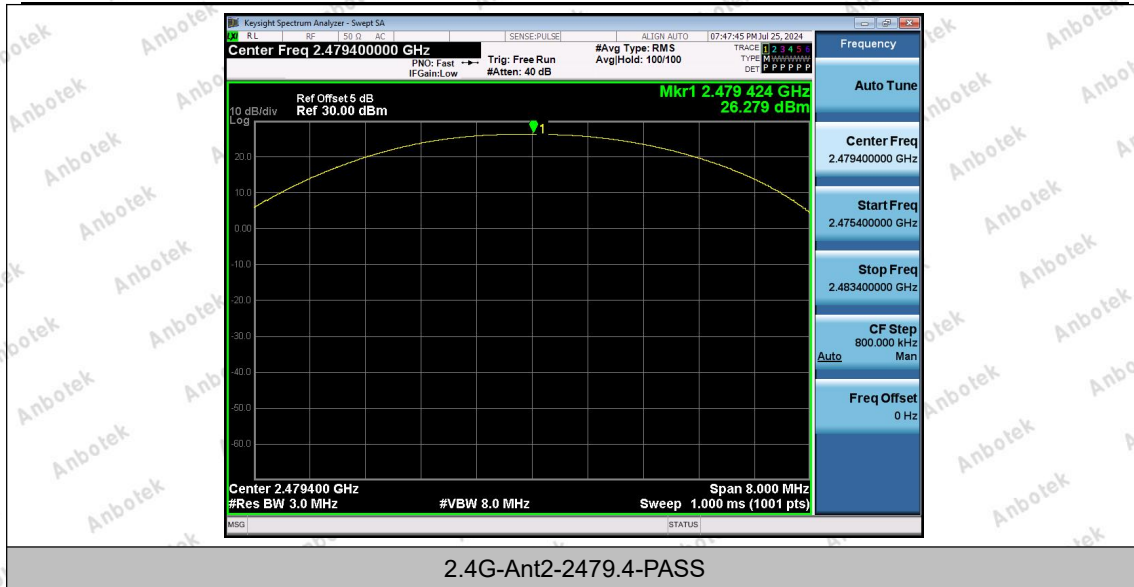
Appendix C: Maximum Conducted Output Power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
2.4G	Ant2	2402.4	24.83	≤30	PASS
2.4G	Ant2	2441.4	25.55	≤30	PASS
2.4G	Ant2	2479.4	26.28	≤30	PASS

Test Graphs





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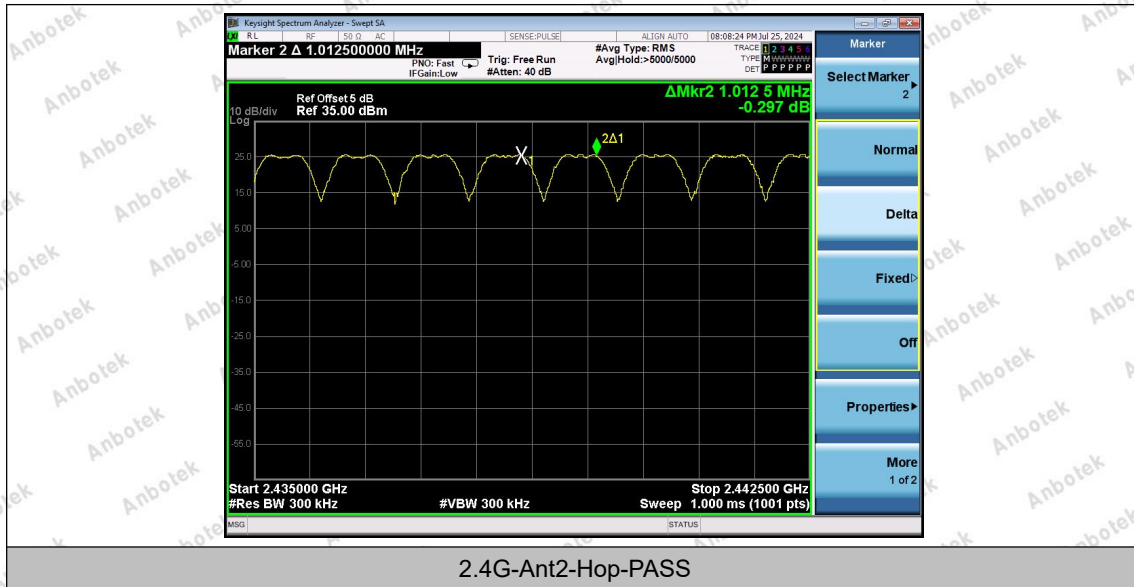
Appendix D: Carrier frequency separation

Test Result

TestMode	Antenna	Frequency[MHz]	Result[MHz]	Limit[MHz]	Verdict
2.4G	Ant2	Hop	1.012	≥0.786	PASS



Test Graphs



Appendix E: Dwell Time

Test Result

TestMode	Antenna	Frequency[MHz]	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
2.4G	Ant2	Hop	0.440	200	0.088	≤0.4	PASS





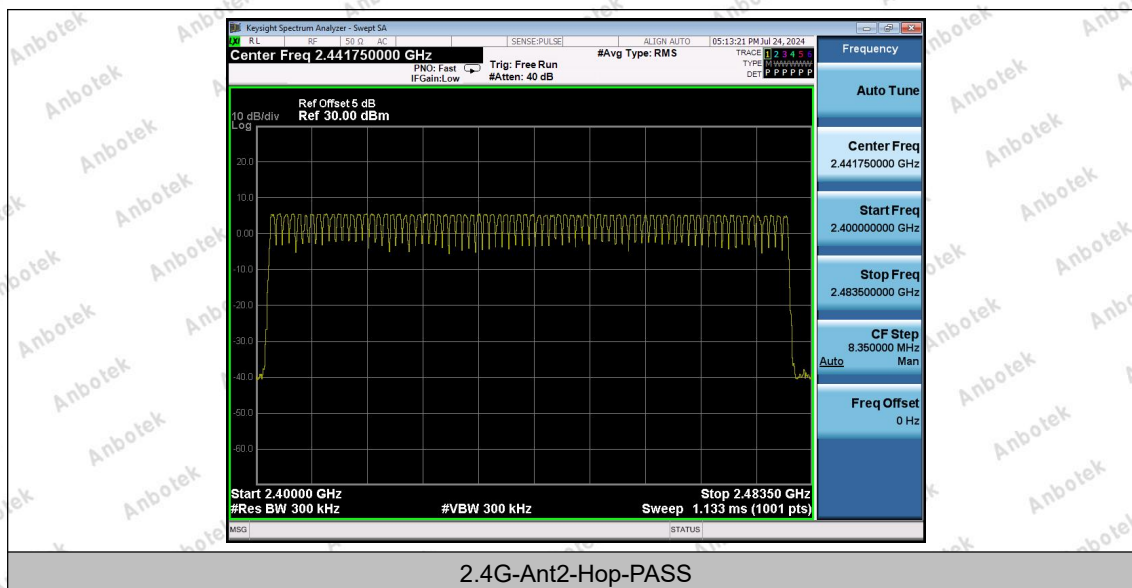
Appendix F: Number of Hopping Channel

Test Result

TestMode	Antenna	Frequency[MHz]	Result[Num]	Limit[Num]	Verdict
2.4G	Ant2	Hop	78	≥15	PASS



Test Graphs



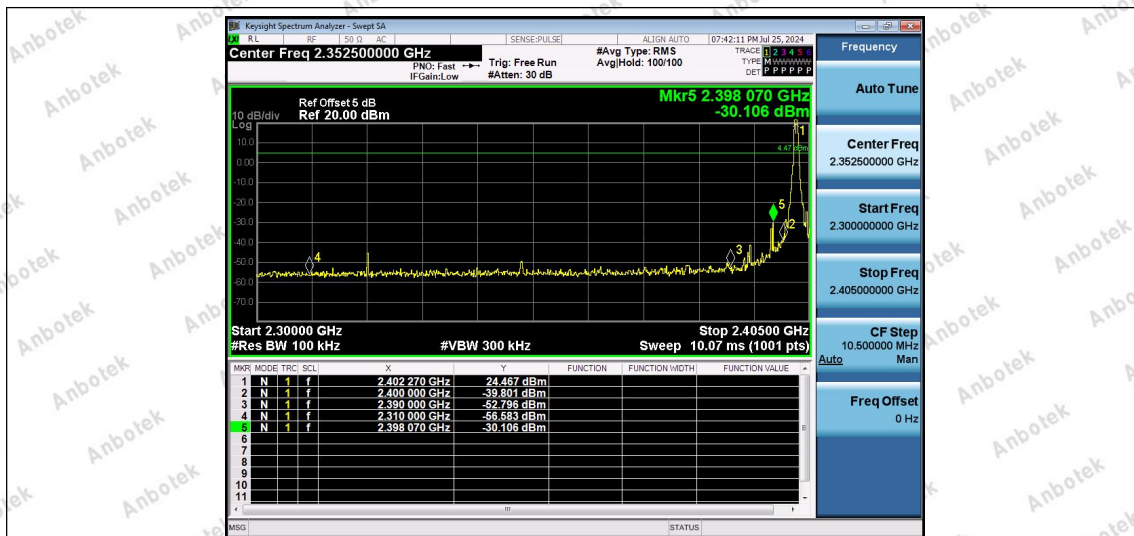
Appendix G: Conducted Band edge

Test Result

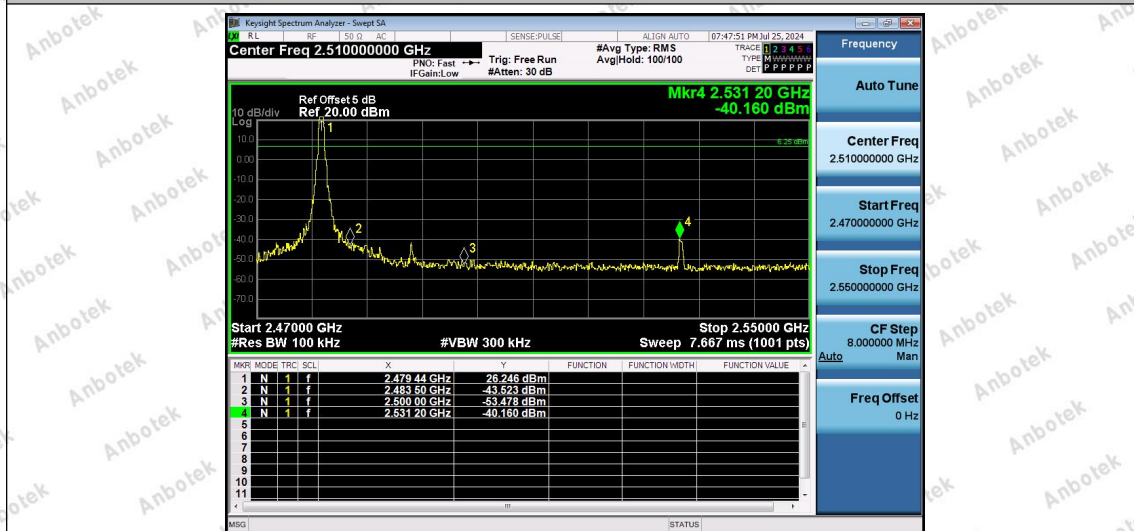
TestMode	Antenna	ChName	Frequency[MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
2.4G	Ant2	Low	2402.4	24.47	-30.11	≤4.47	PASS
2.4G	Ant2	High	2479.4	26.25	-40.16	≤6.25	PASS
2.4G	Ant2	Low	Hop_2402.4	3.74	-46.36	≤-16.27	PASS
2.4G	Ant2	High	Hop_2479.4	4.85	-47.71	≤-15.16	PASS



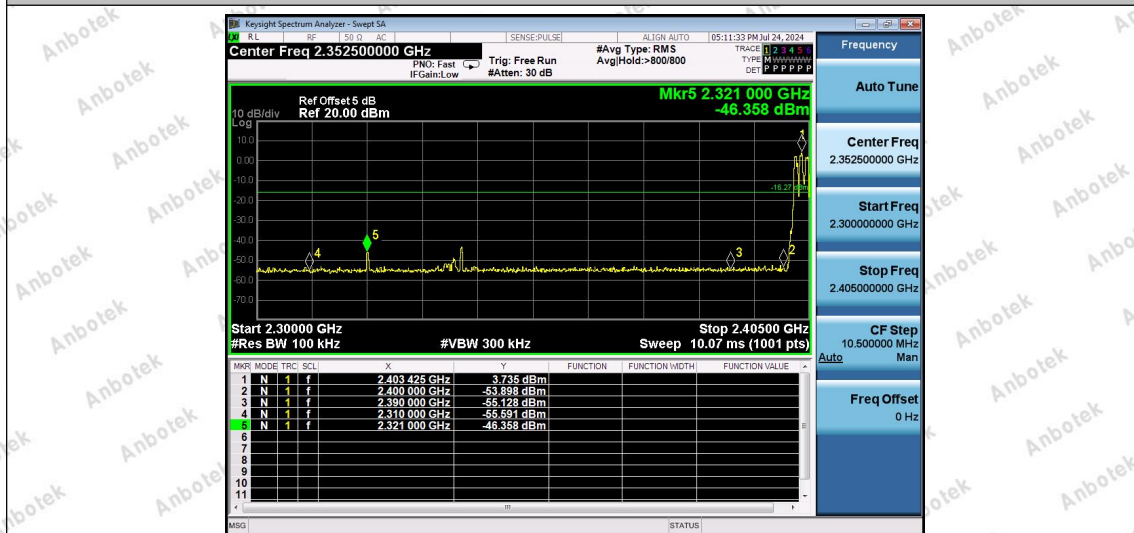
Test Graphs



2.4G-Ant2-2402.4-PASS



2.4G-Ant2-2479.4-PASS



2.4G-Ant2-Hop_2402.4-PASS

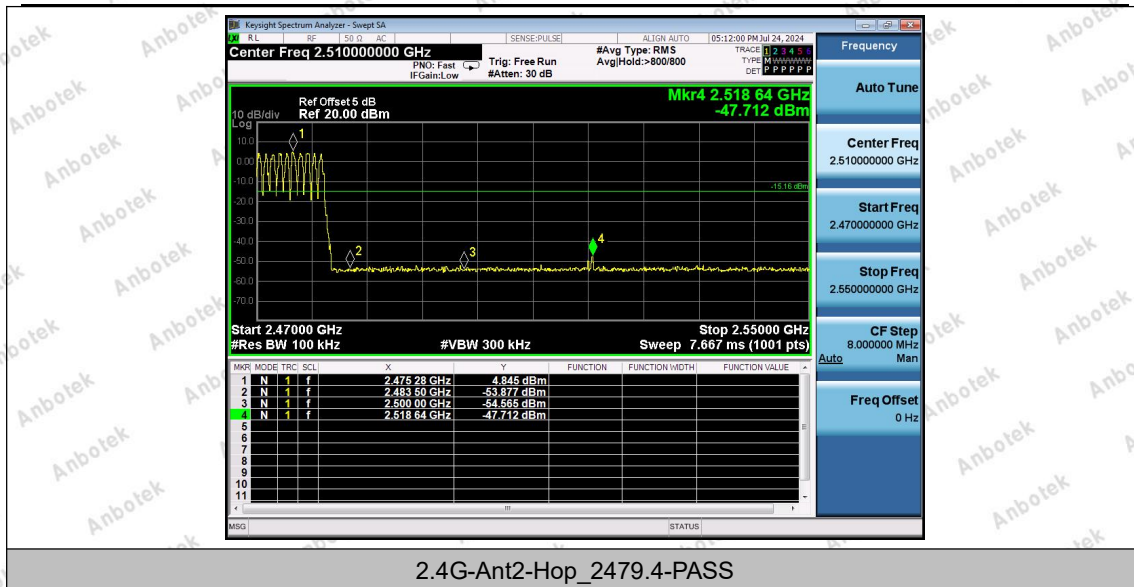
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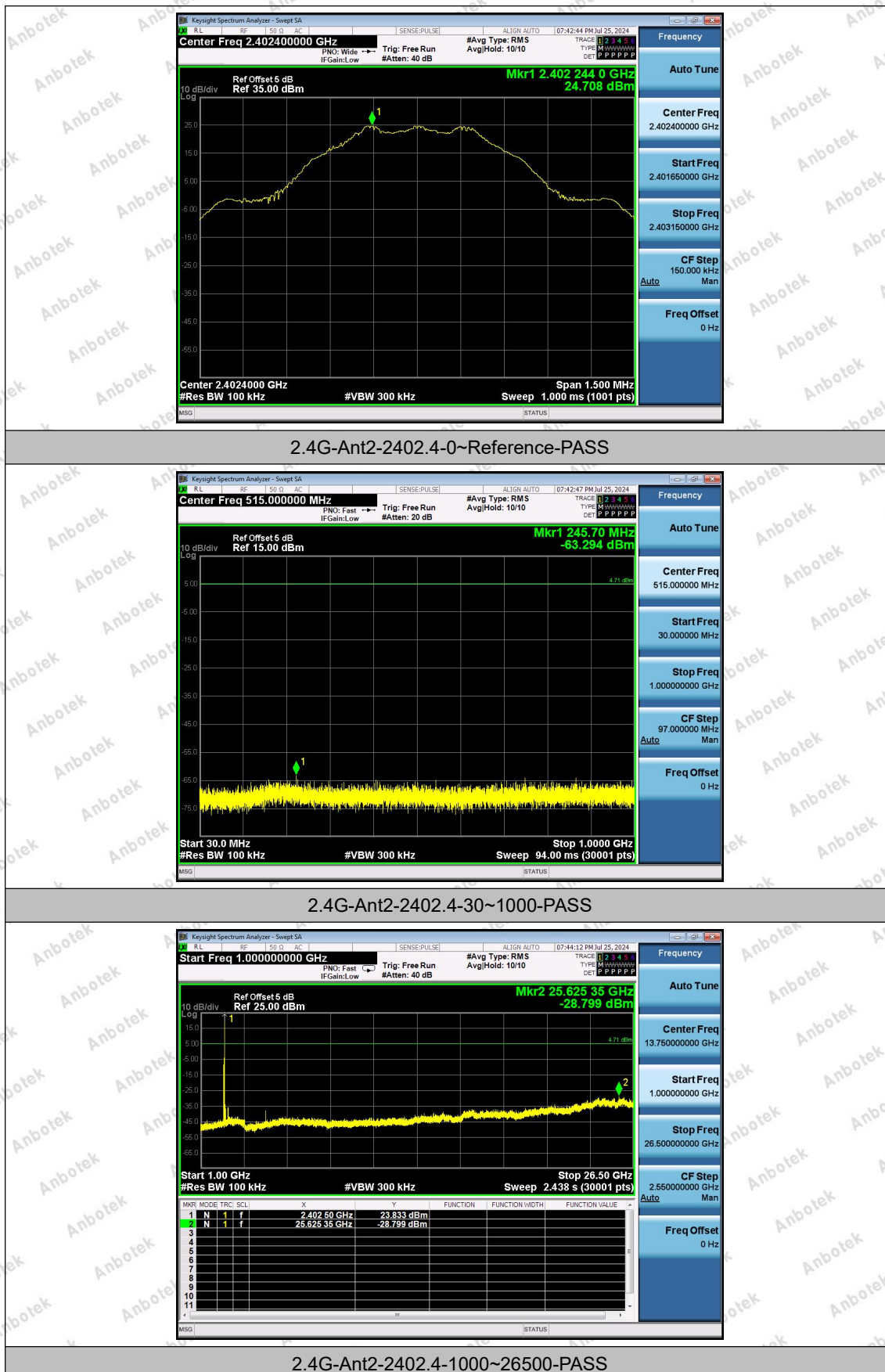
Appendix H: Conducted Spurious Emission

Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
2.4G	Ant2	2402.4	0~Reference	24.71	24.71	---	PASS
2.4G	Ant2	2402.4	30~1000	24.71	-63.29	≤4.71	PASS
2.4G	Ant2	2402.4	1000~26500	24.71	-28.8	≤4.71	PASS
2.4G	Ant2	2441.4	0~Reference	25.35	25.35	---	PASS
2.4G	Ant2	2441.4	30~1000	25.35	-63.74	≤5.35	PASS
2.4G	Ant2	2441.4	1000~26500	25.35	-29.87	≤5.35	PASS
2.4G	Ant2	2479.4	0~Reference	26.06	26.06	---	PASS
2.4G	Ant2	2479.4	30~1000	26.06	-64.22	≤6.06	PASS
2.4G	Ant2	2479.4	1000~26500	26.06	-29.82	≤6.06	PASS



Test Graphs



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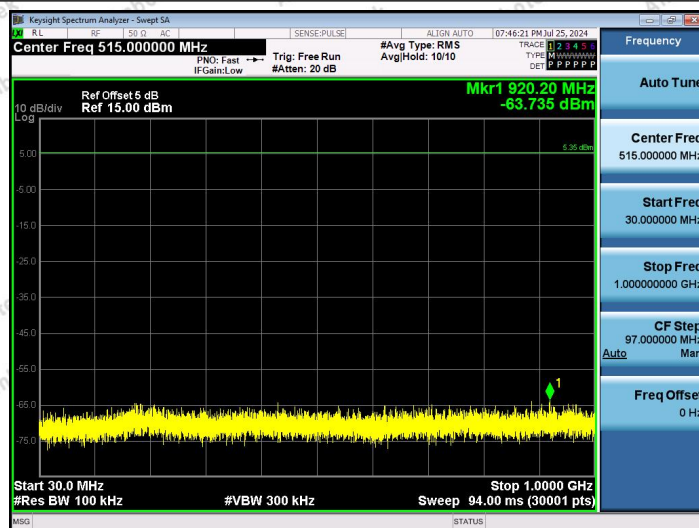


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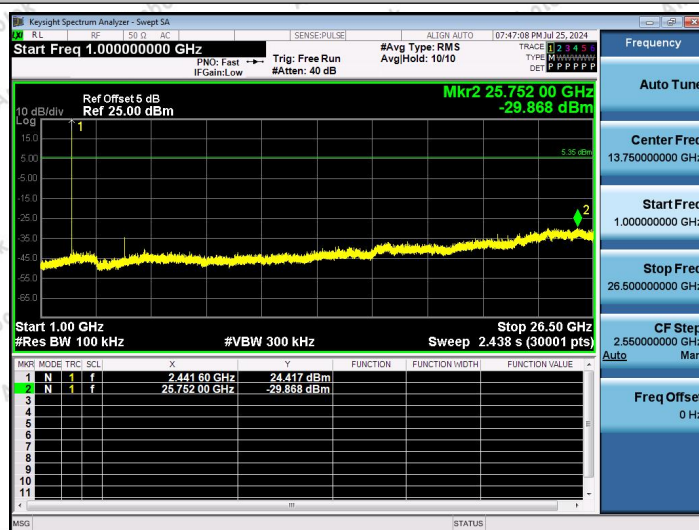




2.4G-Ant2-2441.4-0~Reference-PASS



2.4G-Ant2-2441.4-30~1000-PASS

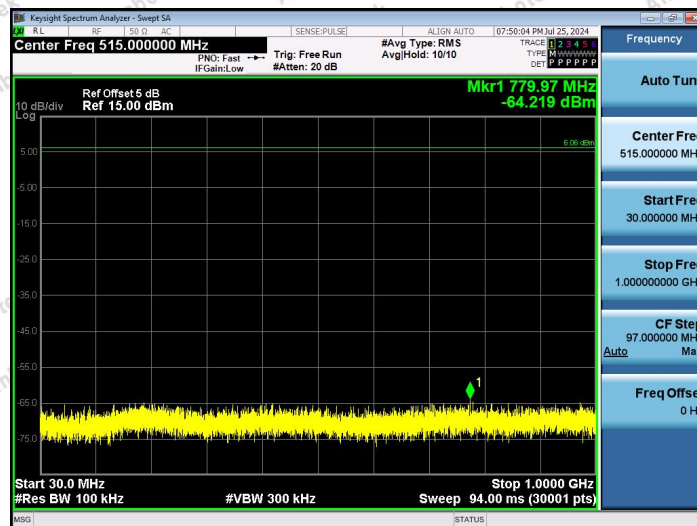


2.4G-Ant2-2441.4-1000~26500-PASS

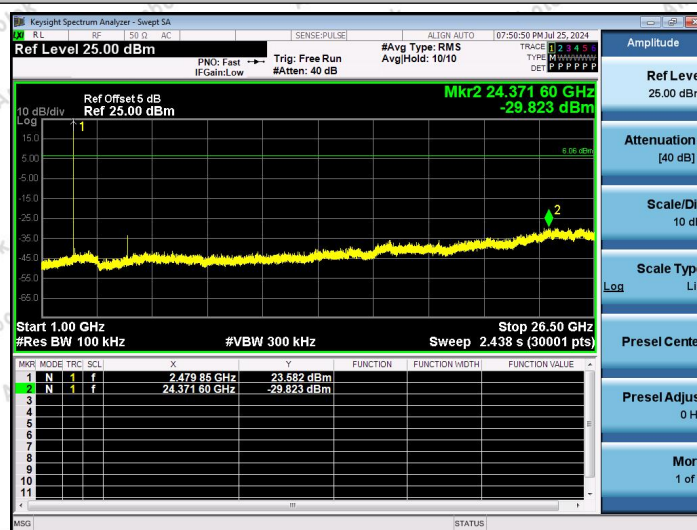




2.4G-Ant2-2479.4-0~Reference-PASS



2.4G-Ant2-2479.4-30~1000-PASS



2.4G-Ant2-2479.4-1000~26500-PASS

---END---

