

Appendix Test Data

Report No.:	18220WC40091901	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	1.035	2401.529	2402.564	---	---
DH5	Ant1	2441	0.993	2440.529	2441.522	---	---
DH5	Ant1	2480	0.951	2479.538	2480.489	---	---



Test Graphs



DH5-Ant1-2402



DH5-Ant1-2441



DH5-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	0.95883	2401.5464	2402.5053	---	---
DH5	Ant1	2441	0.89977	2440.5566	2441.4564	---	---
DH5	Ant1	2480	0.89087	2479.5602	2480.4511	---	---

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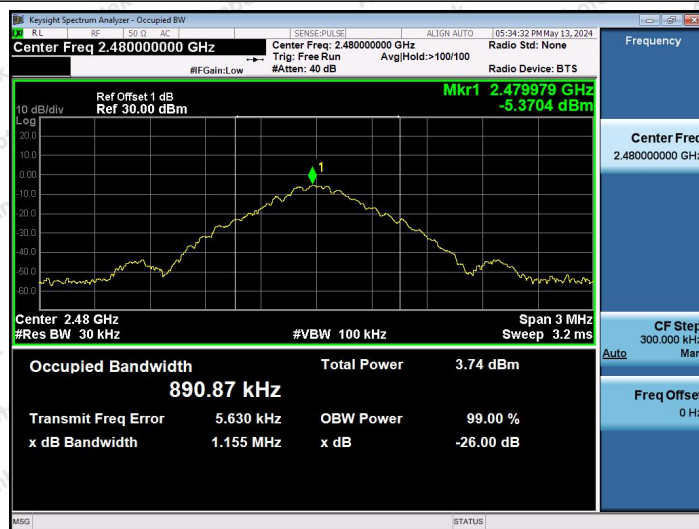
Test Graphs



DH5-Ant1-2402



DH5-Ant1-2441



DH5-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	-0.61	≤20.97	PASS
DH5	Ant1	2441	-1.49	≤20.97	PASS
DH5	Ant1	2480	-2.97	≤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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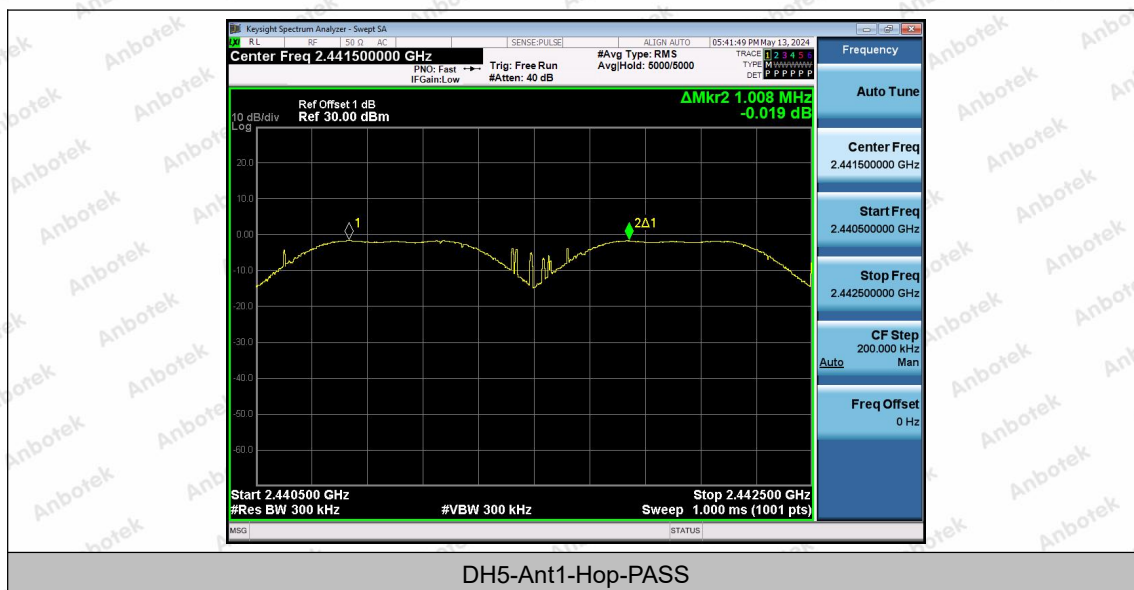


Appendix D: Carrier frequency separation

Test Result

TestMode	Antenna	Frequency[MHz]	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.008	≥0.690	PASS

Test Graphs



Appendix E: Dwell Time

Test Result

TestMode	Antenna	Frequency[MHz]	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.288	366	0.105	≤0.4	PASS
DH3	Ant1	Hop	1.547	168	0.26	≤0.4	PASS
DH5	Ant1	Hop	2.787	111	0.309	≤0.4	PASS

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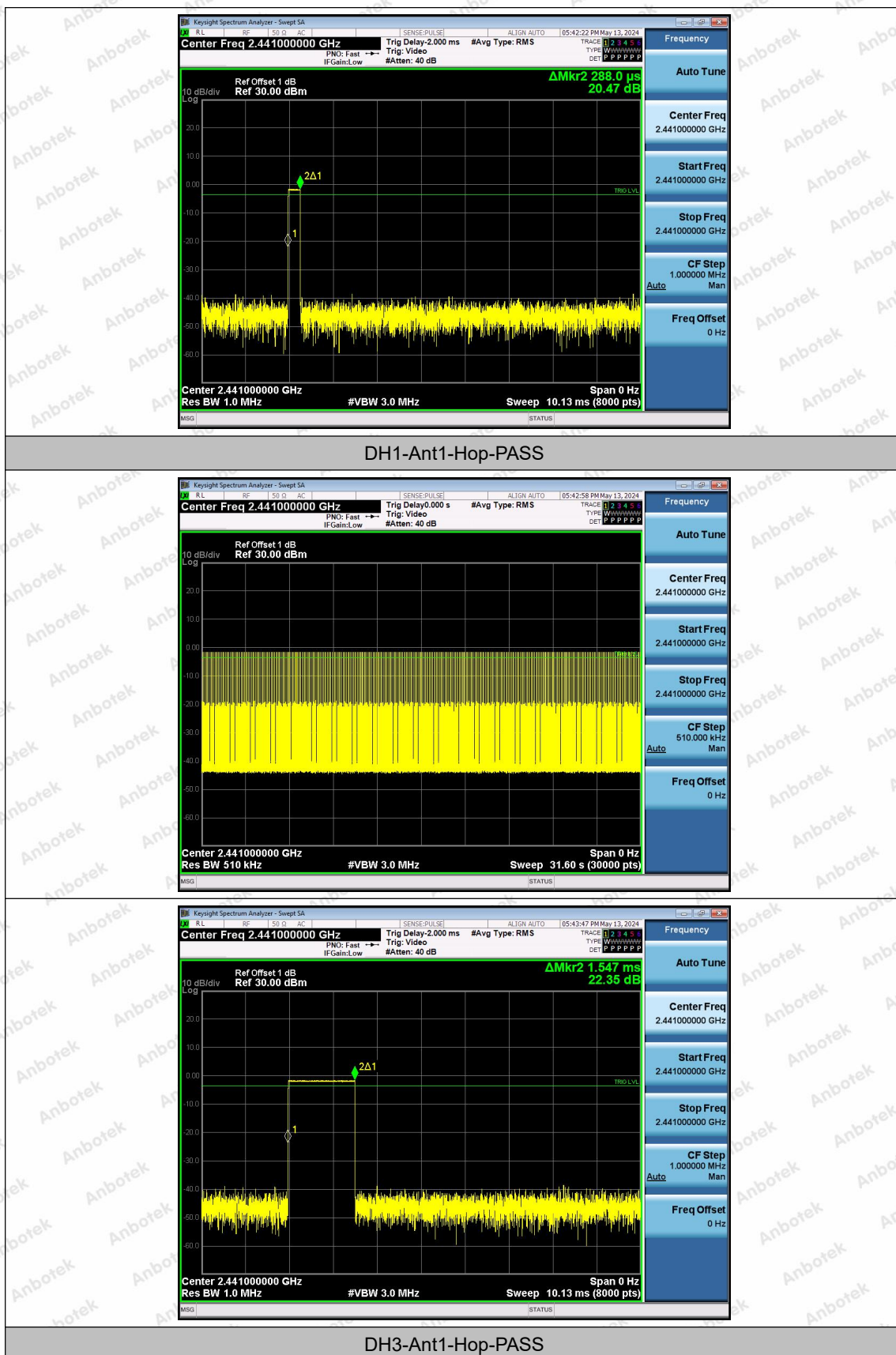
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Test Graphs



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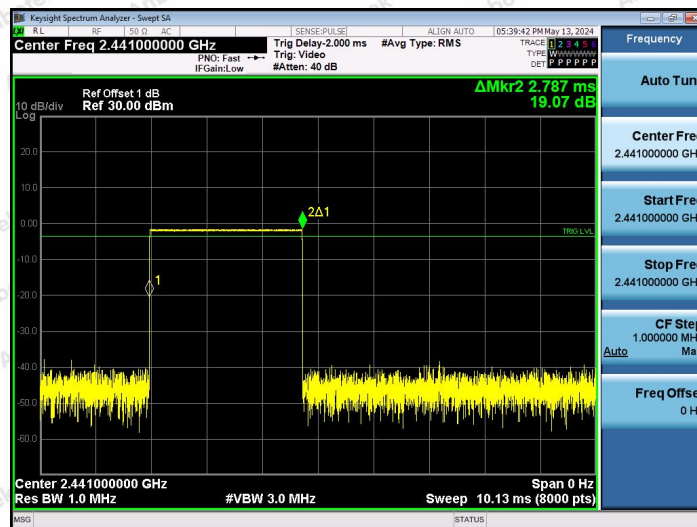
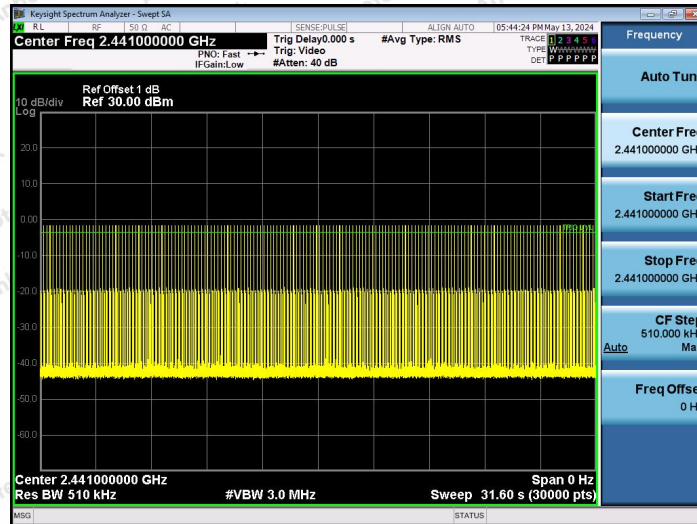
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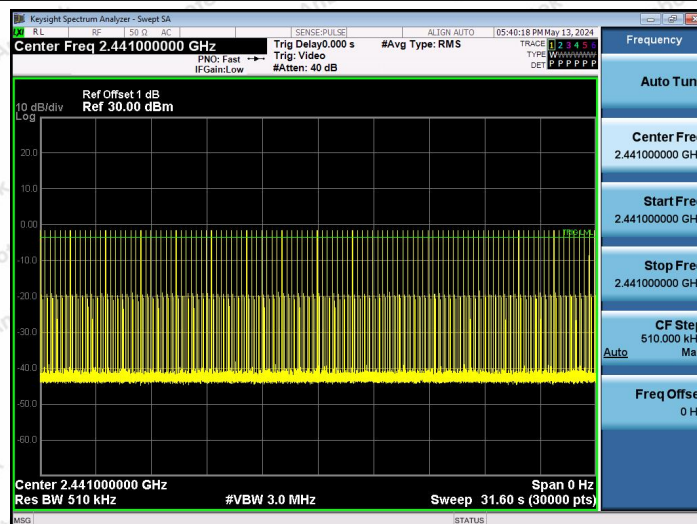
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DH5-Ant1-Hop-PASS



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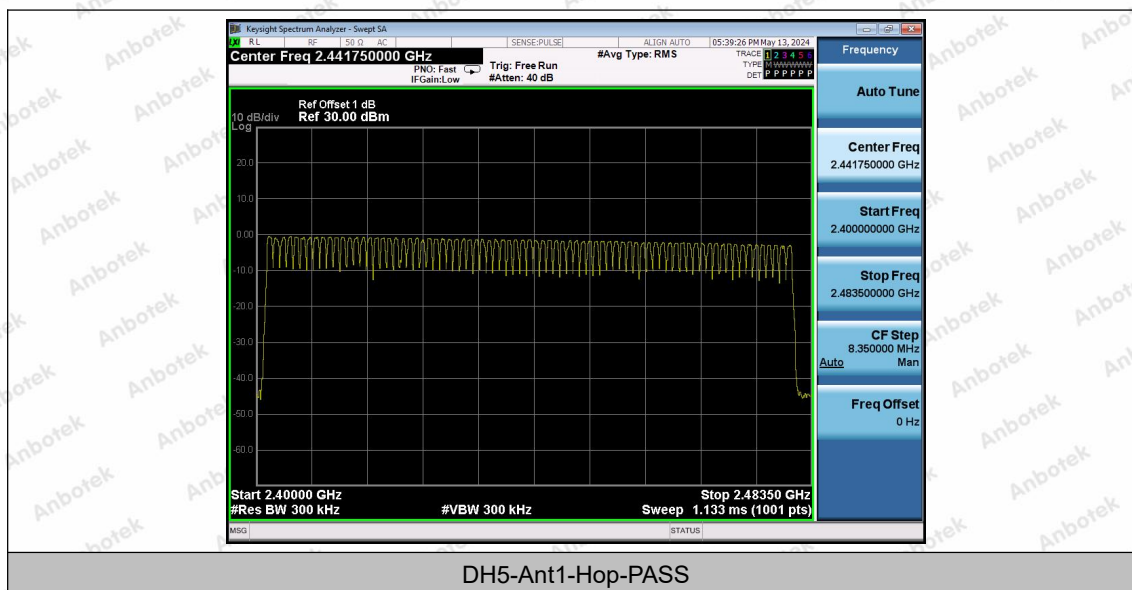


Appendix F: Number of Hopping Channel

Test Result

TestMode	Antenna	Frequency[MHz]	Result[Num]	Limit[Num]	Verdict
DH5	Ant1	Hop	79	≥15	PASS

Test Graphs

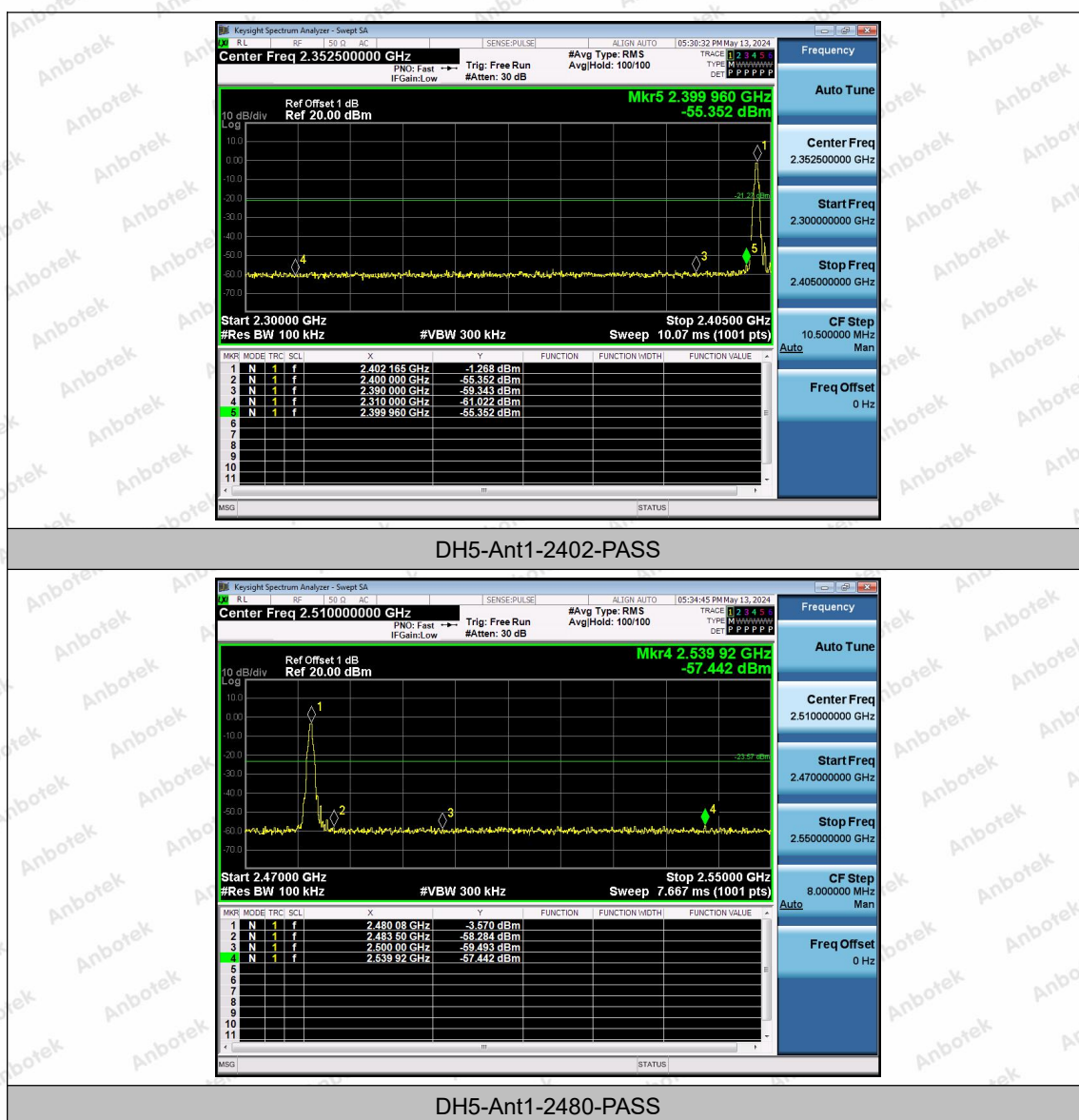


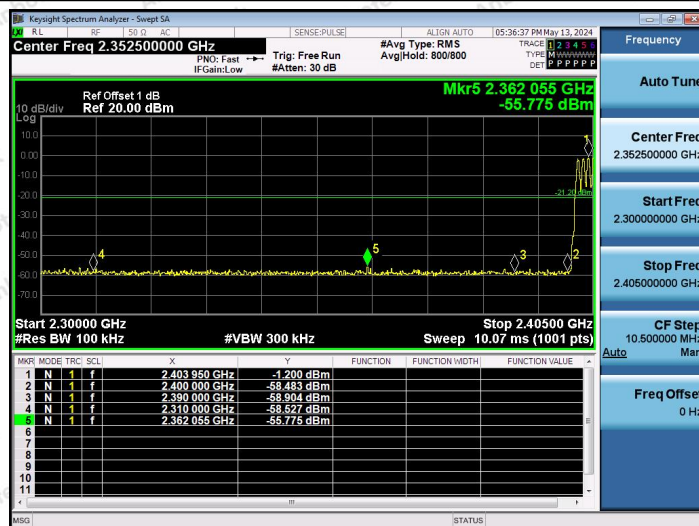
Appendix G: Conducted Band edge

Test Result

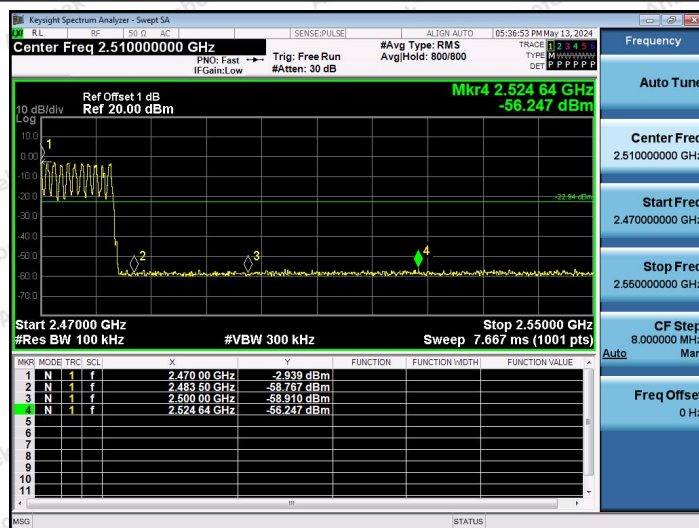
TestMode	Antenna	ChName	Frequency[MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-1.27	-55.35	≤-21.27	PASS
DH5	Ant1	High	2480	-3.57	-57.44	≤-23.57	PASS
DH5	Ant1	Low	Hop_2402	-1.20	-55.78	≤-21.2	PASS
DH5	Ant1	High	Hop_2480	-2.94	-56.25	≤-22.94	PASS

Test Graphs





DH5-Ant1-Hop_2402-PASS



DH5-Ant1-Hop_2480-PASS



Appendix H: Conducted Spurious Emission

Test Result

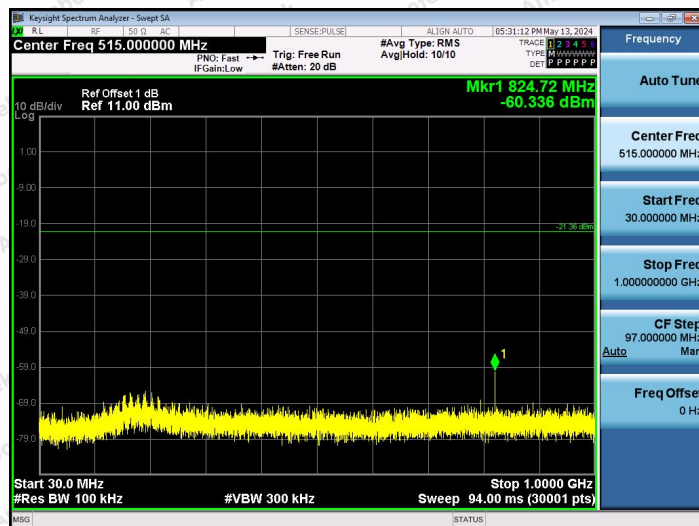
TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	0~Reference	-1.36	-1.36	---	PASS
DH5	Ant1	2402	30~1000	-1.36	-60.34	≤-21.36	PASS
DH5	Ant1	2402	1000~26500	-1.36	-52.98	≤-21.36	PASS
DH5	Ant1	2441	0~Reference	-2.30	-2.30	---	PASS
DH5	Ant1	2441	30~1000	-2.30	-65.58	≤-22.3	PASS
DH5	Ant1	2441	1000~26500	-2.30	-53.49	≤-22.3	PASS
DH5	Ant1	2480	0~Reference	-3.77	-3.77	---	PASS
DH5	Ant1	2480	30~1000	-3.77	-65.75	≤-23.77	PASS
DH5	Ant1	2480	1000~26500	-3.77	-54.01	≤-23.77	PASS



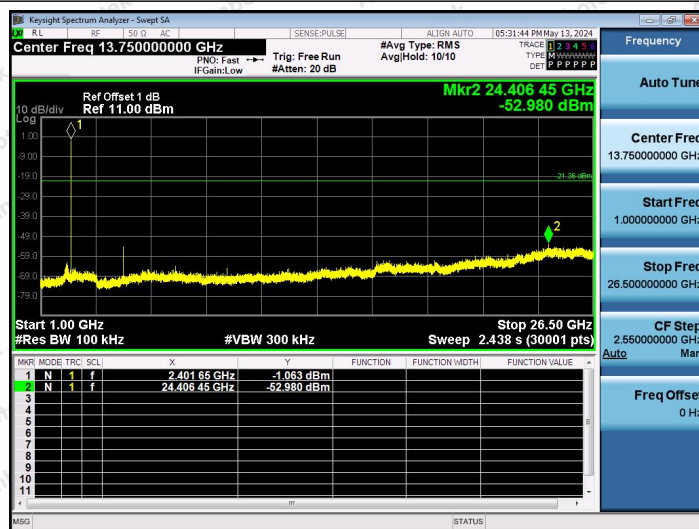
Test Graphs



DH5-Ant1-2402-0~Reference-PASS



DH5-Ant1-2402-30~1000-PASS



DH5-Ant1-2402-1000~26500-PASS

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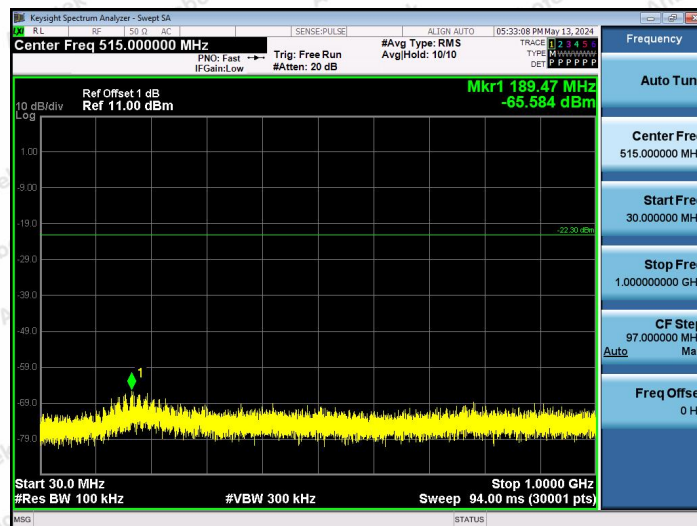
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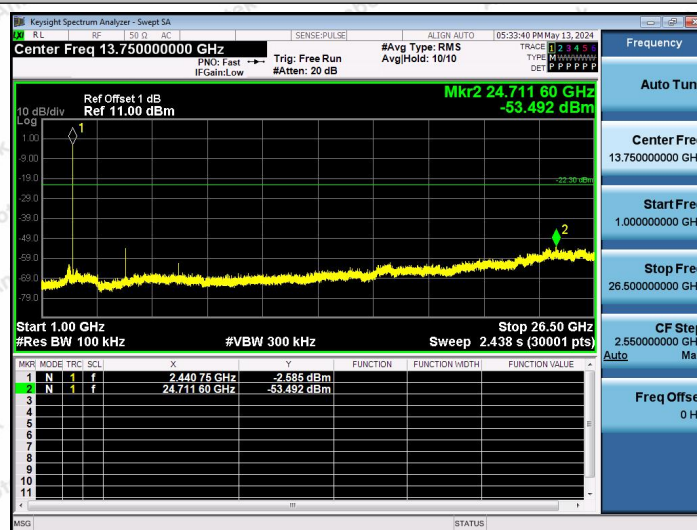




DH5-Ant1-2441-0~Reference-PASS



DH5-Ant1-2441-30~1000-PASS



DH5-Ant1-2441-1000~26500-PASS

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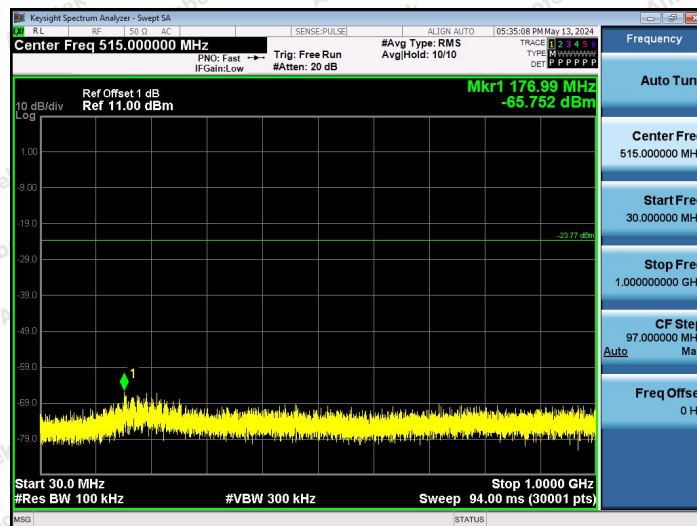
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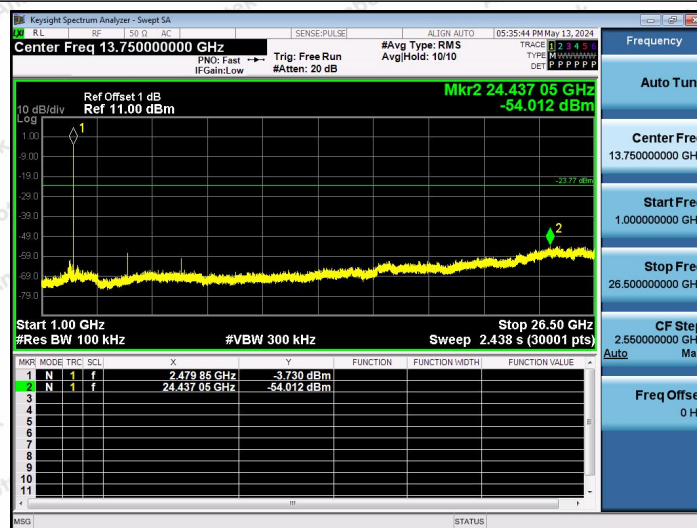




DH5-Ant1-2480-0~Reference-PASS



DH5-Ant1-2480-30~1000-PASS



DH5-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	2.79	3.57	78.15	1.07
DH5	Ant1	2441	2.79	3.57	78.15	1.07
DH5	Ant1	2480	2.79	3.57	78.15	1.07

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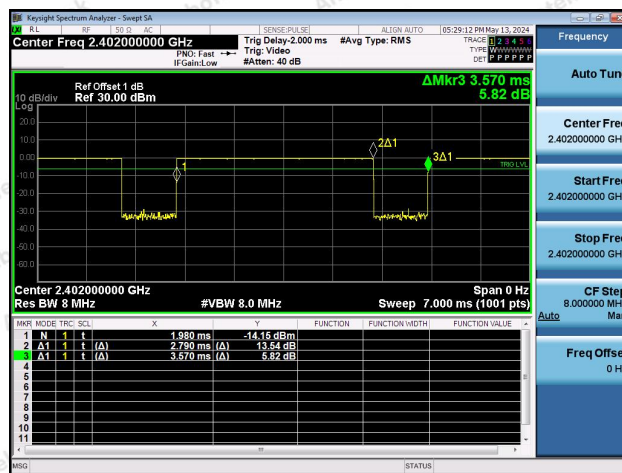
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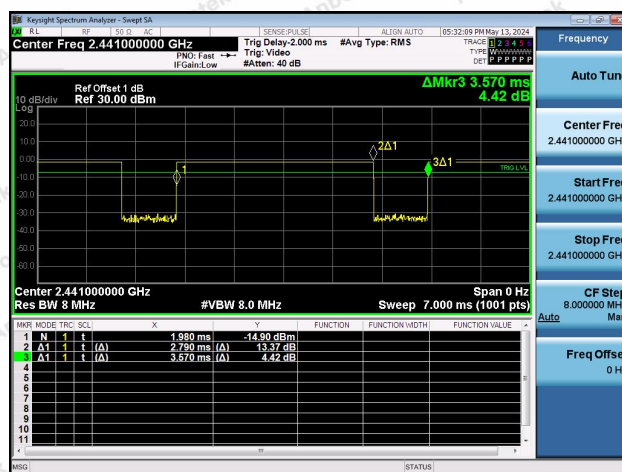
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Test Graphs



NTNV-DH5-Ant1-2402



NTNV-DH5-Ant1-2441



NTNV-DH5-Ant1-2480

---End---

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