

Appendix Test Data

Report No.:	1812C40080412501	Test Sample No.:	1-2-2
Start Test Date:	2024.09.25	Finish Test Date:	2024.09.25
Test Engineer:	Joker Wang	Auditor:	Justin Feng
Temperature:	23.9℃	Relative Humidity:	55%
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	0.972	2401.529	2402.501	---	---
DH5	Ant1	2441	0.960	2440.526	2441.486	---	---
DH5	Ant1	2480	0.966	2479.520	2480.486	---	---



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	0.89886	2401.5499	2402.4488	---	---
DH5	Ant1	2441	0.89219	2440.5512	2441.4434	---	---
DH5	Ant1	2480	0.90208	2479.5504	2480.4524	---	---



Test Graphs



DH5-Ant1-2402



DH5-Ant1-2441



DH5-Ant1-2480

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Appendix C: Maximum Conducted Output Power

Test Result Peak

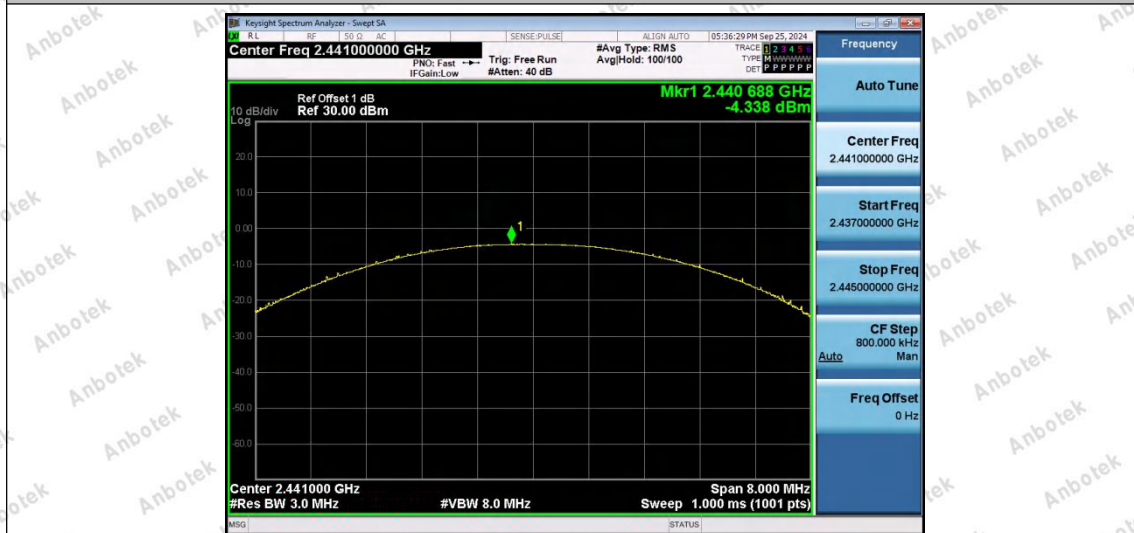
Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	-2.79	≤30.00	PASS
DH5	Ant1	2441	-4.34	≤30.00	PASS
DH5	Ant1	2480	-4.03	≤30.00	PASS



Test Graphs



DH5-Ant1-2402-PASS



DH5-Ant1-2441-PASS



DH5-Ant1-2480-PASS

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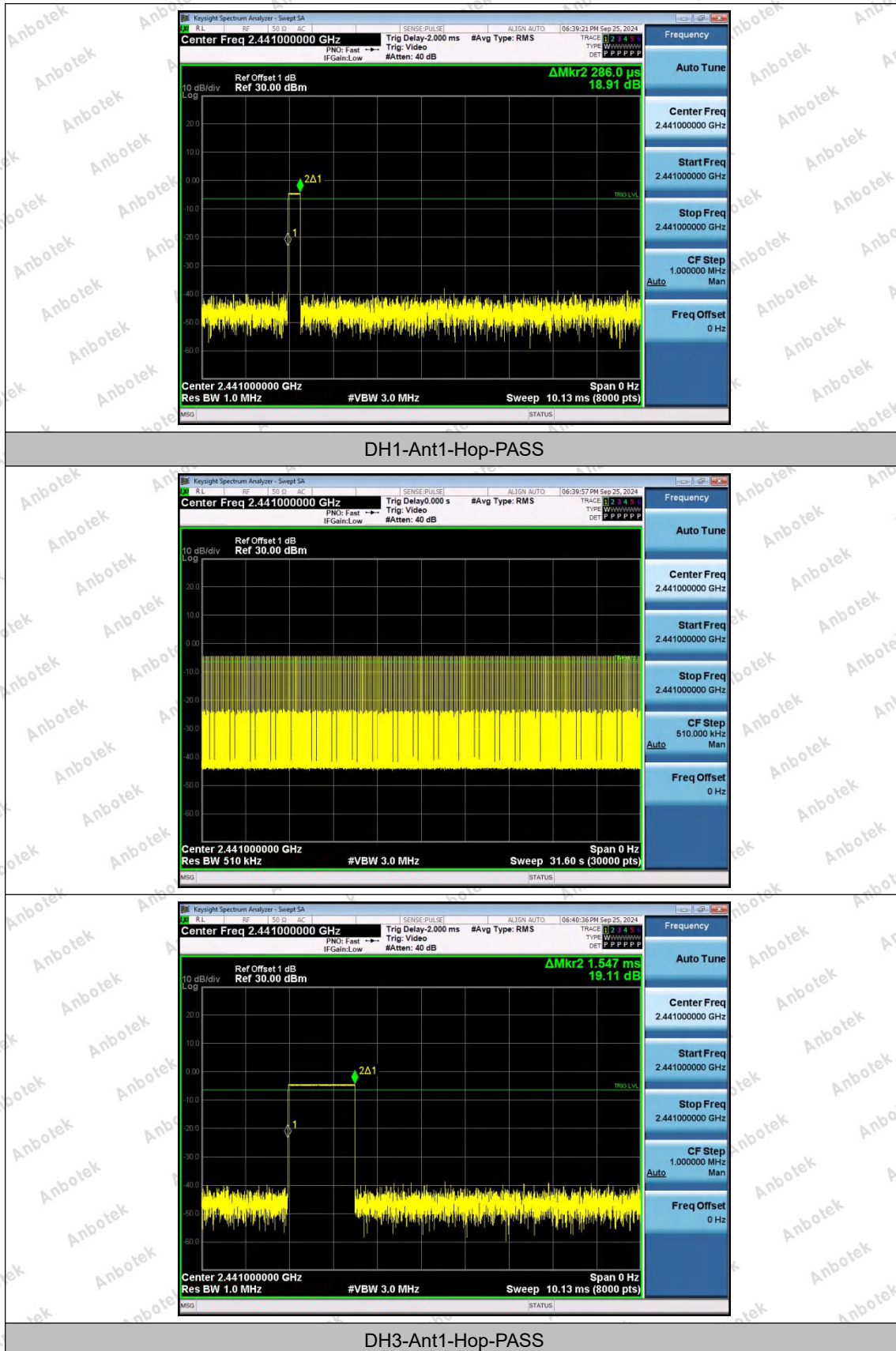
Appendix E: Dwell Time

Test Result

TestMode	Antenna	Frequency[MHz]	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.286	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



Test Graphs



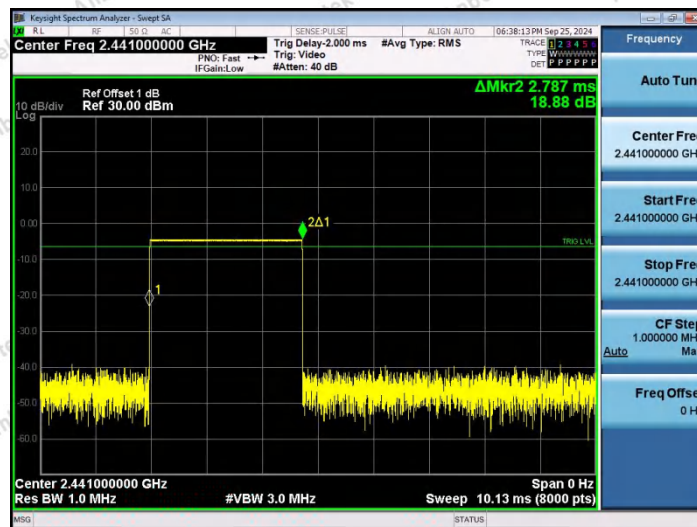
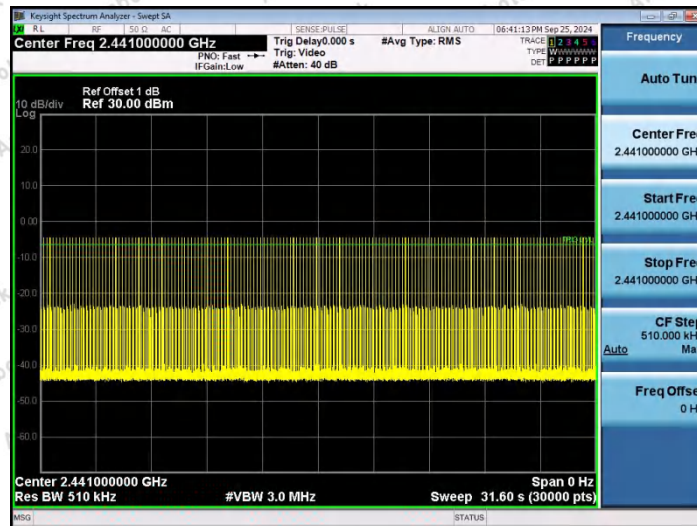
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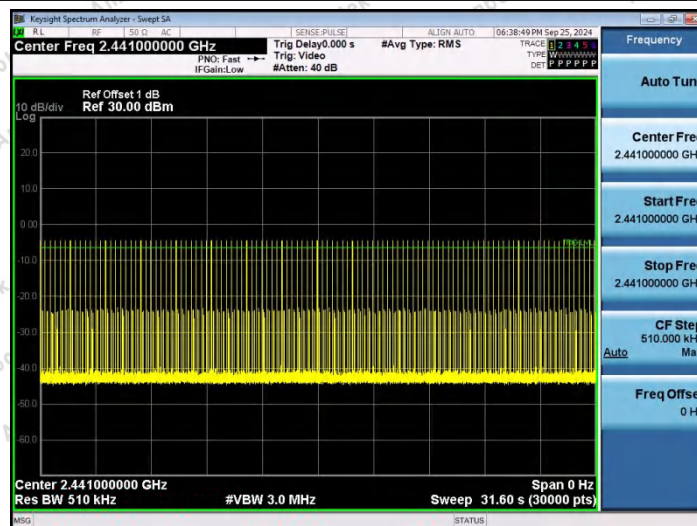


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DH5-Ant1-Hop-PASS



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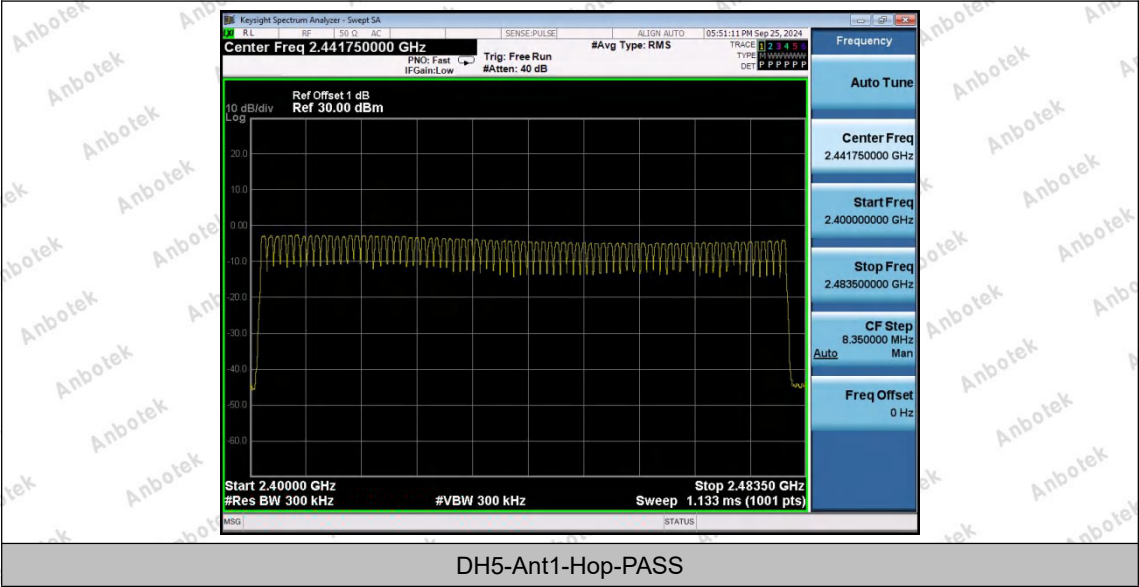


Appendix F: Number of Hopping Channel

Test Result

TestMode	Antenna	Frequency[MHz]	Result[Num]	Limit[Num]	Verdict
DH5	Ant1	Hop	79	≥75	PASS

Test Graphs

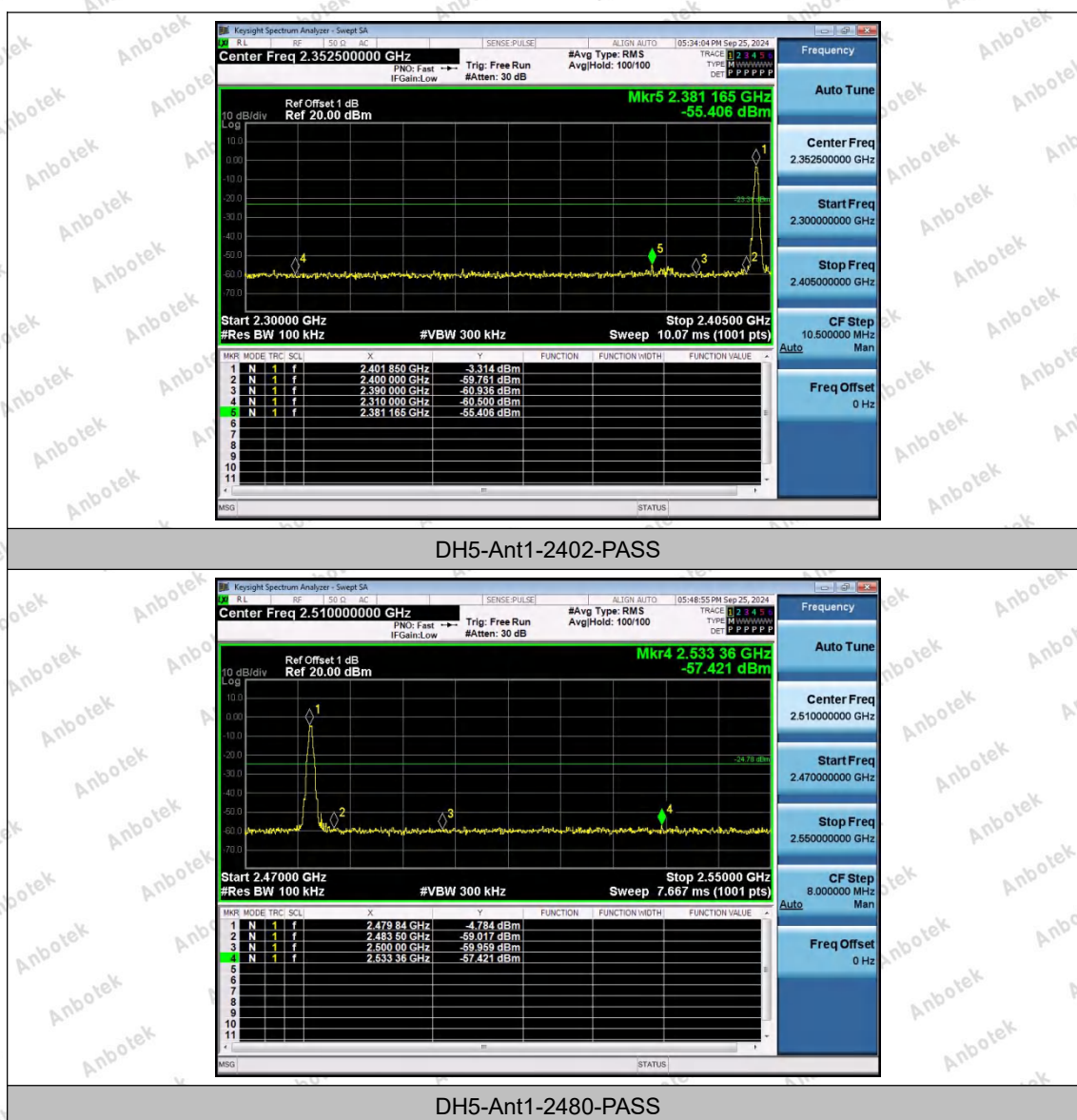


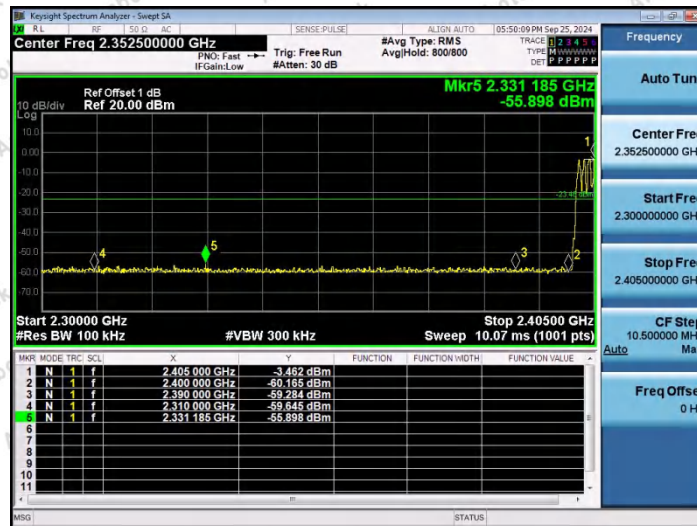
Appendix G: Conducted Band edge

Test Result

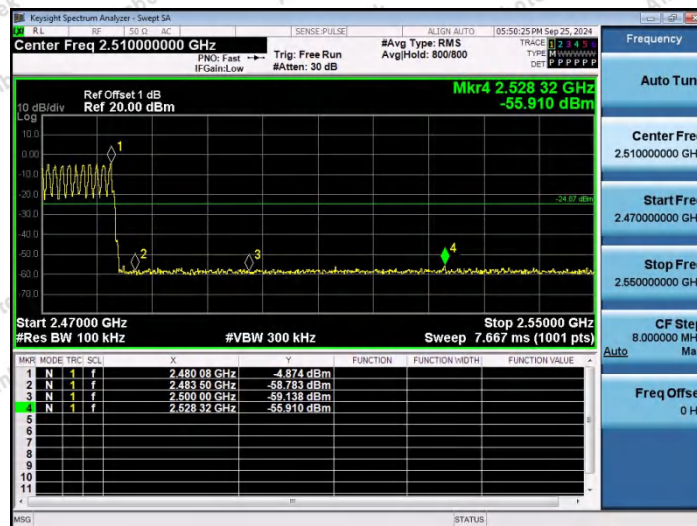
TestMode	Antenna	ChName	Frequency[MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-3.31	-55.41	≤-23.31	PASS
DH5	Ant1	High	2480	-4.78	-57.42	≤-24.78	PASS
DH5	Ant1	Low	Hop_2402	-3.46	-55.9	≤-23.46	PASS
DH5	Ant1	High	Hop_2480	-4.87	-55.91	≤-24.87	PASS

Test Graphs





DH5-Ant1-Hop_2402-PASS



DH5-Ant1-Hop_2480-PASS



Appendix H: Conducted Spurious Emission

Test Result

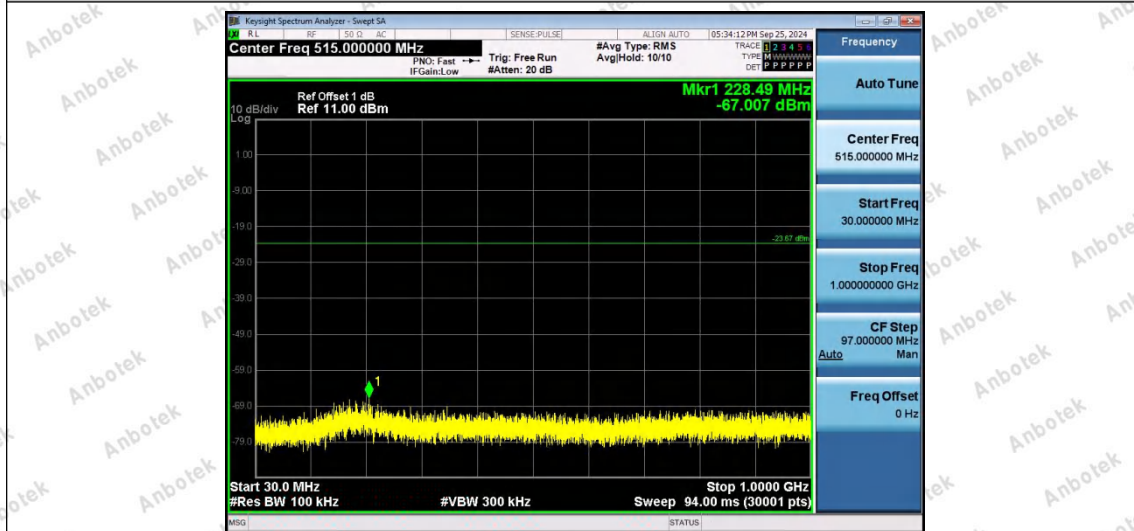
TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	0~Reference	-3.67	-3.67	---	PASS
DH5	Ant1	2402	30~1000	-3.67	-67.01	≤-23.67	PASS
DH5	Ant1	2402	1000~26500	-3.67	-53.56	≤-23.67	PASS
DH5	Ant1	2441	0~Reference	-5.41	-5.41	---	PASS
DH5	Ant1	2441	30~1000	-5.41	-67.61	≤-25.41	PASS
DH5	Ant1	2441	1000~26500	-5.41	-54.09	≤-25.41	PASS
DH5	Ant1	2480	0~Reference	-4.96	-4.96	---	PASS
DH5	Ant1	2480	30~1000	-4.96	-47.41	≤-24.96	PASS
DH5	Ant1	2480	1000~26500	-4.96	-53.62	≤-24.96	PASS



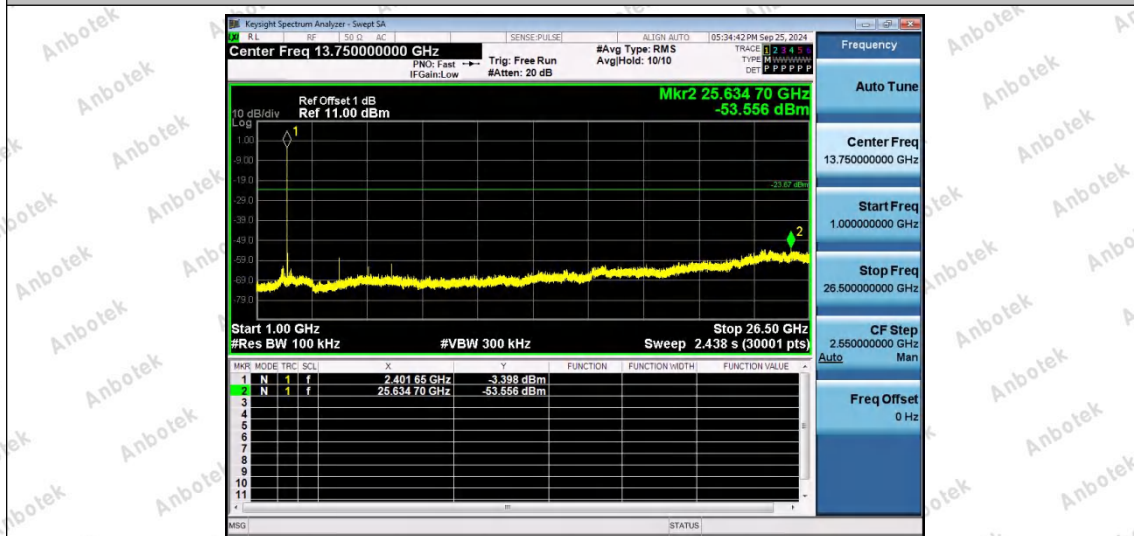
Test Graphs



DH5-Ant1-2402-0~Reference-PASS



DH5-Ant1-2402-30~1000-PASS



DH5-Ant1-2402-1000~26500-PASS

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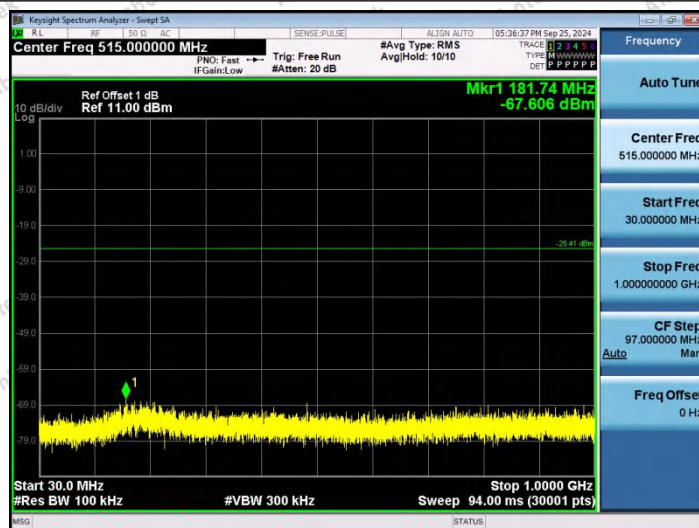


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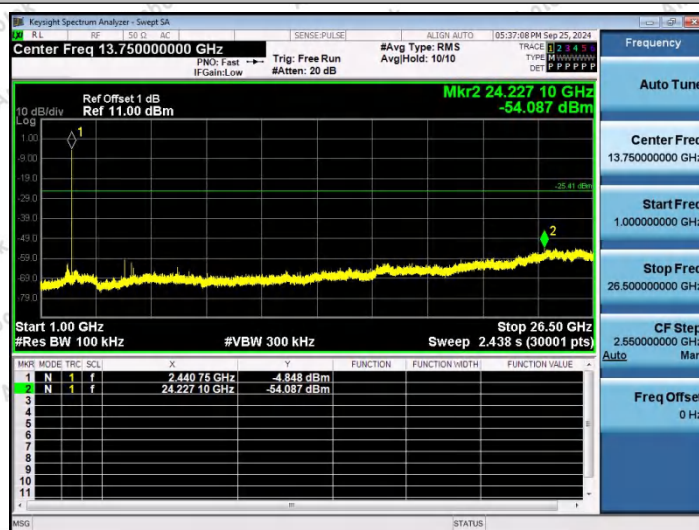




DH5-Ant1-2441-0~Reference-PASS



DH5-Ant1-2441-30~1000-PASS

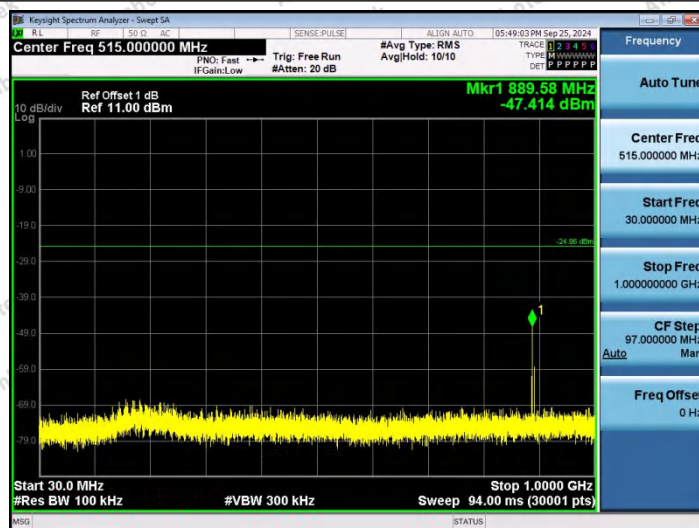


DH5-Ant1-2441-1000~26500-PASS

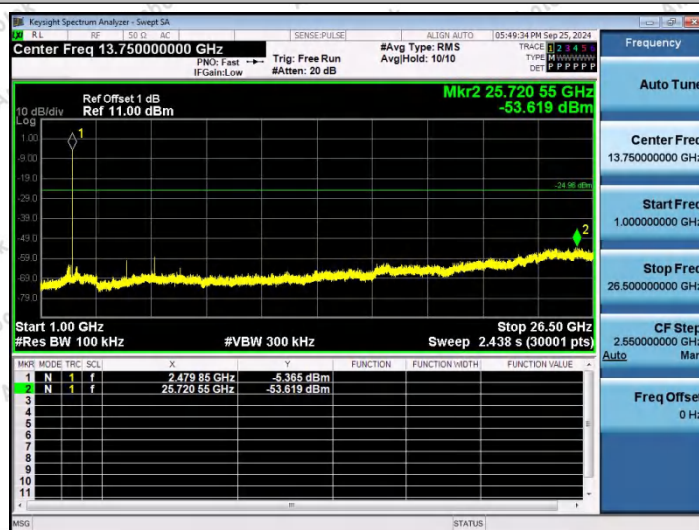




DH5-Ant1-2480-0~Reference-PASS



DH5-Ant1-2480-30~1000-PASS



DH5-Ant1-2480-1000~26500-PASS

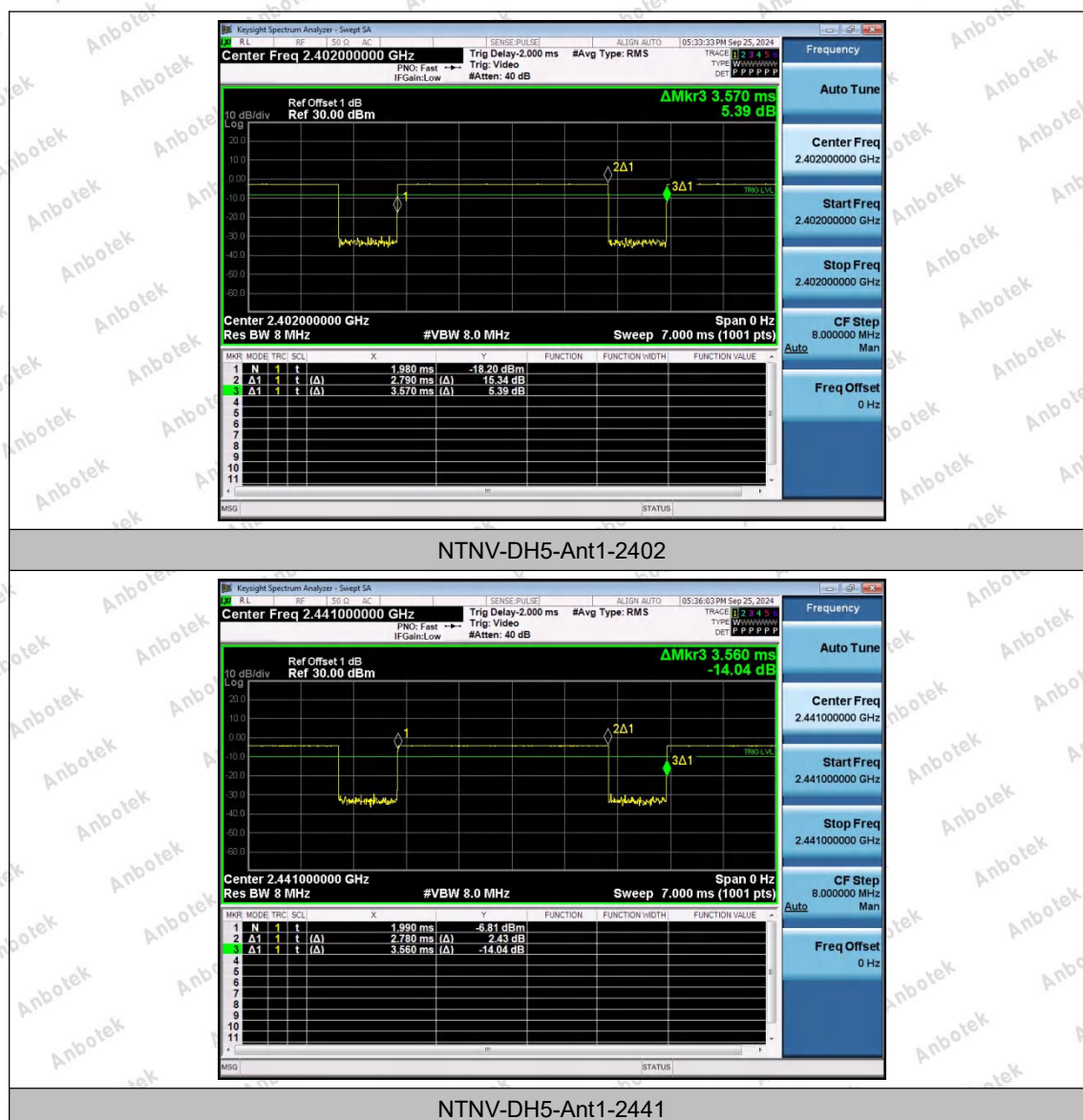


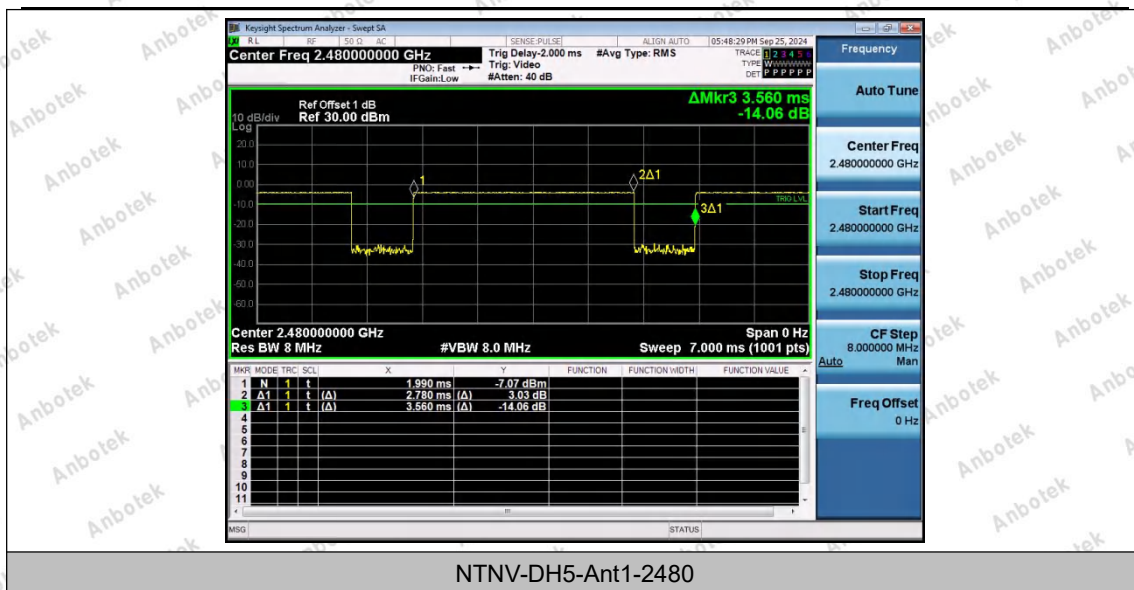
Appendix I: Duty Cycle

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	2.78	3.56	78.09	1.07
DH5	Ant1	2480	2.78	3.56	78.09	1.07

Test Graphs





---End---

