

Appendix Test Data

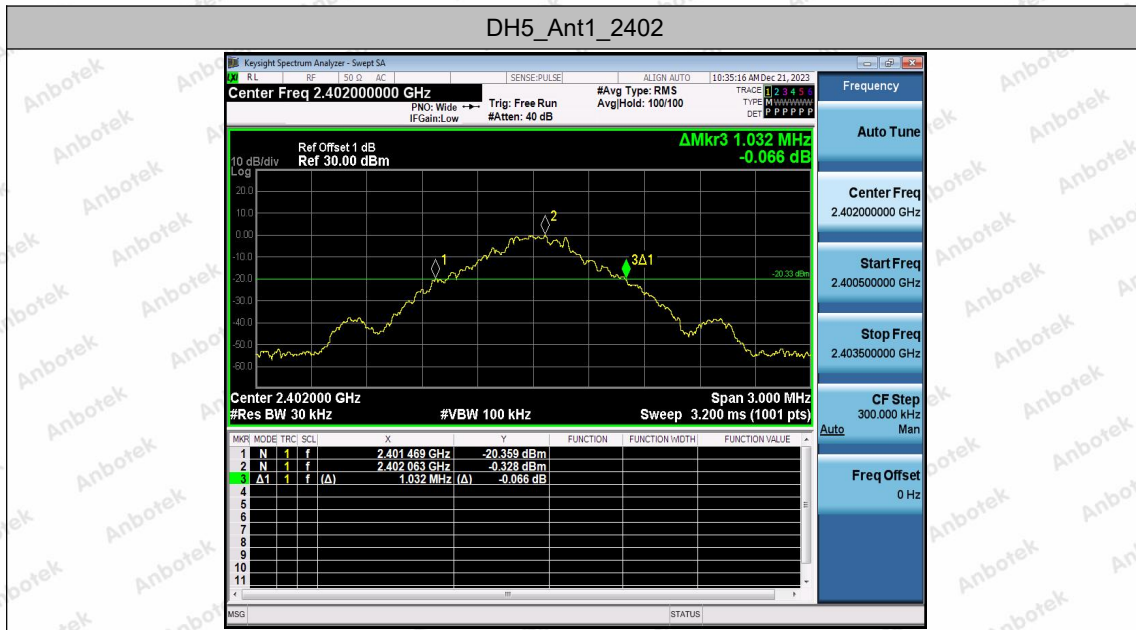
Report No.:	18360WC30016301	Test Sample No.:	1-2-2
Start Test Date:	2023.12.20	Finish Test Date:	2023.12.21
Test Engineer:	Hayman Chen	Auditor:	RICK Luo
Temperature:	24.6°C	Relative Humidity:	45%
Pressure:	101kPa		

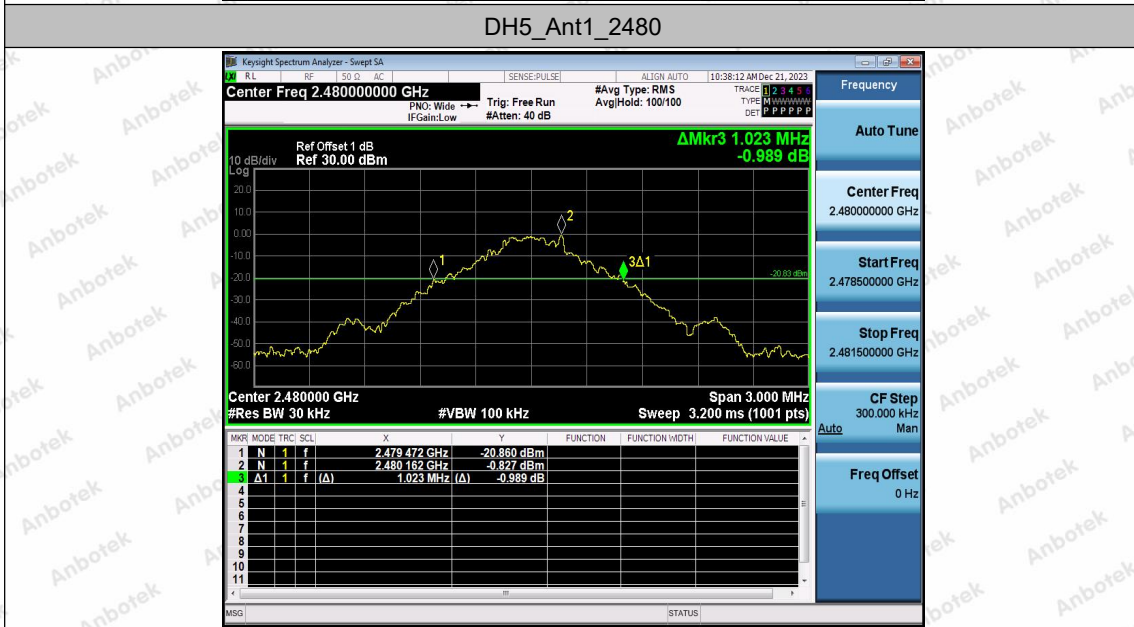
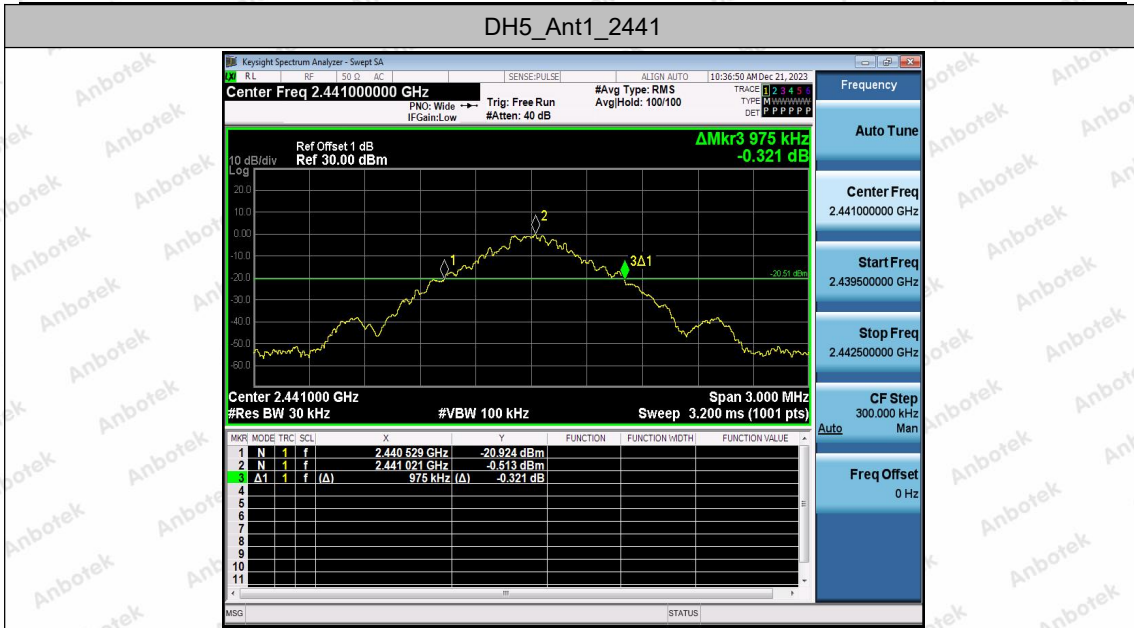
Appendix A: 20dB Emission Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	1.032	2401.469	2402.501	---	---
		2441	0.975	2440.529	2441.504	---	---
		2480	1.023	2479.472	2480.495	---	---

Test Graphs





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Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.91378	2401.5501	2402.4639	---	---
		2441	0.89628	2440.5571	2441.4534	---	---
		2480	0.88861	2479.5585	2480.4471	---	---

Test Graphs

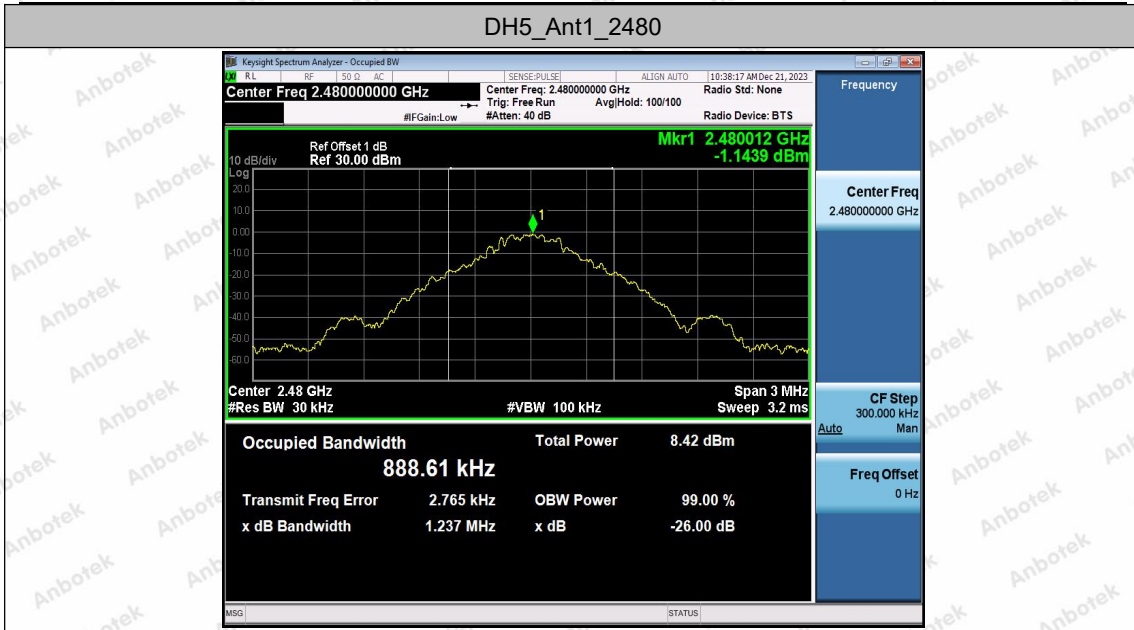


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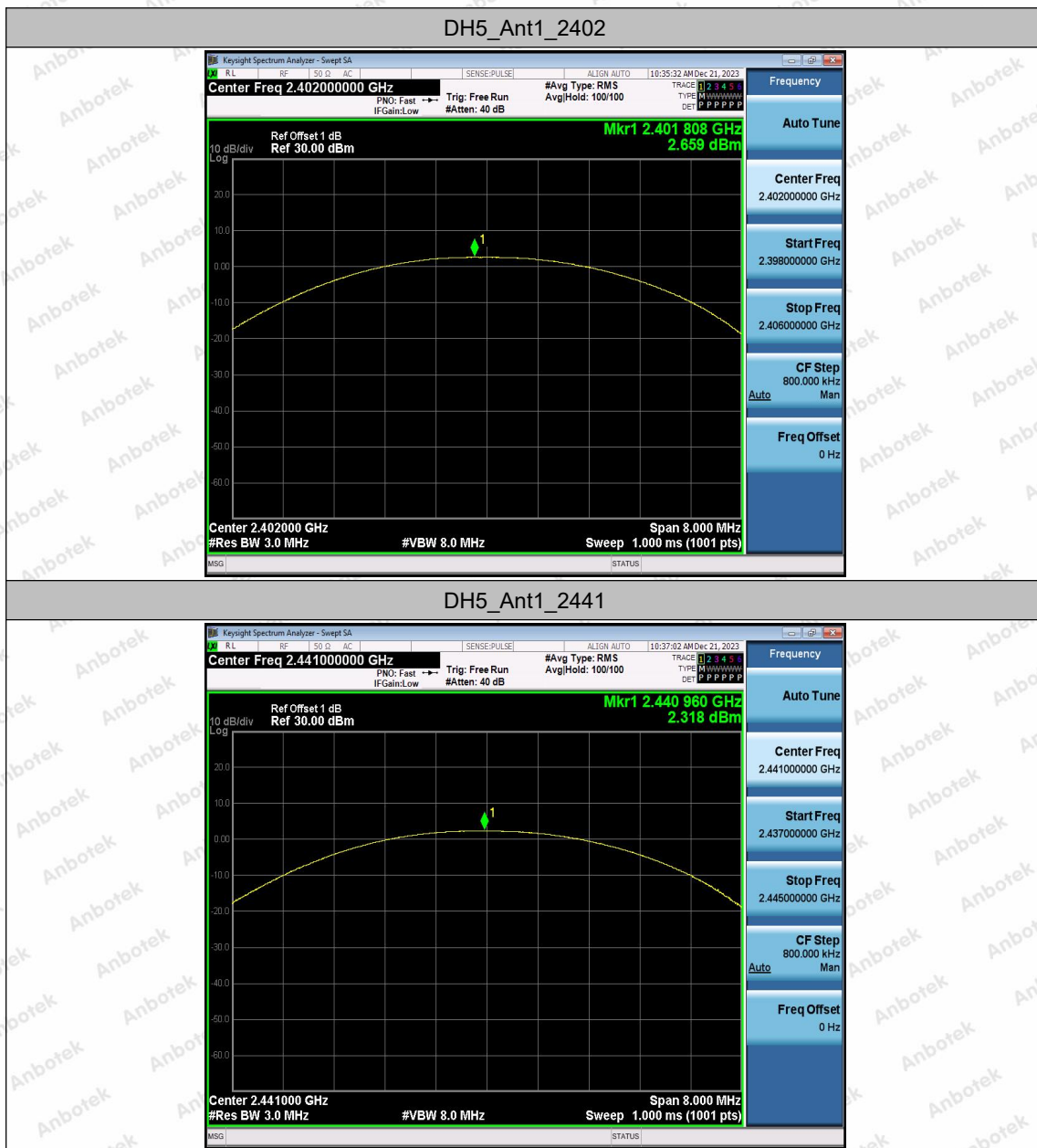


Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	2.66	≤20.97	PASS
		2441	2.32	≤20.97	PASS
		2480	1.57	≤20.97	PASS

Test Graphs

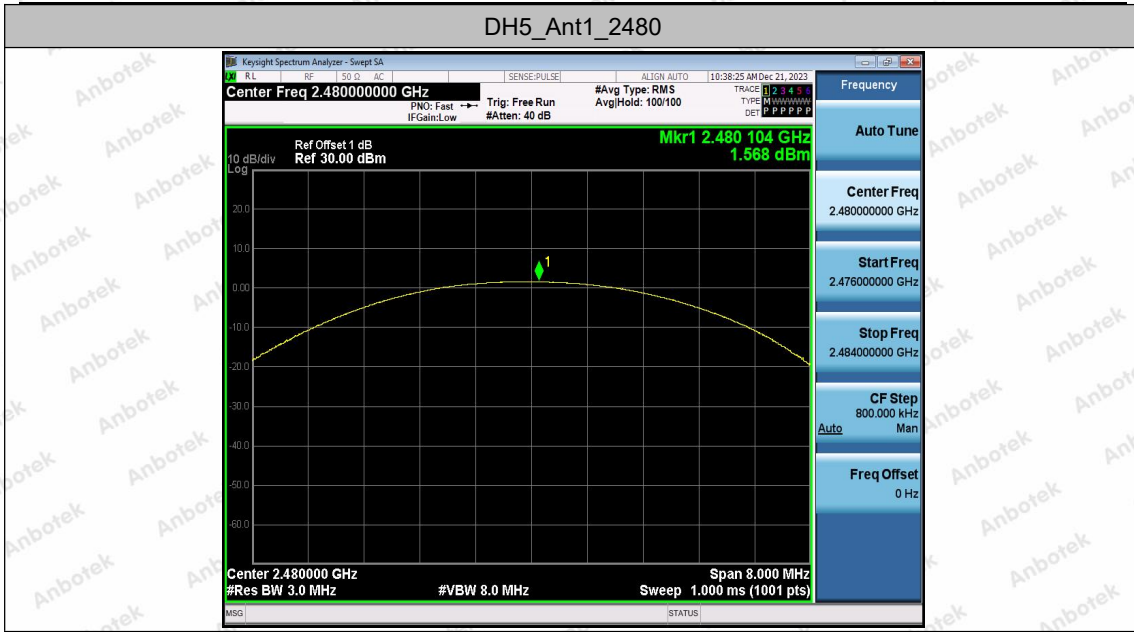


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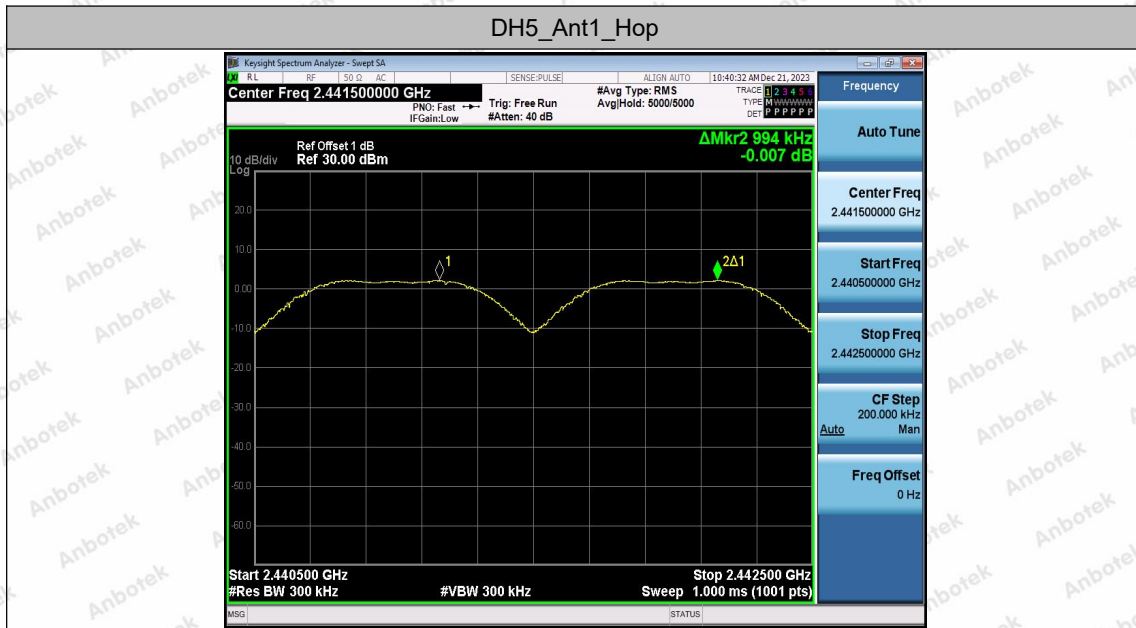


Appendix D: Carrier frequency separation

Test Result

TestMode	Antenna	Frequency[MHz]	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	0.994	≥0.688	PASS

Test Graphs

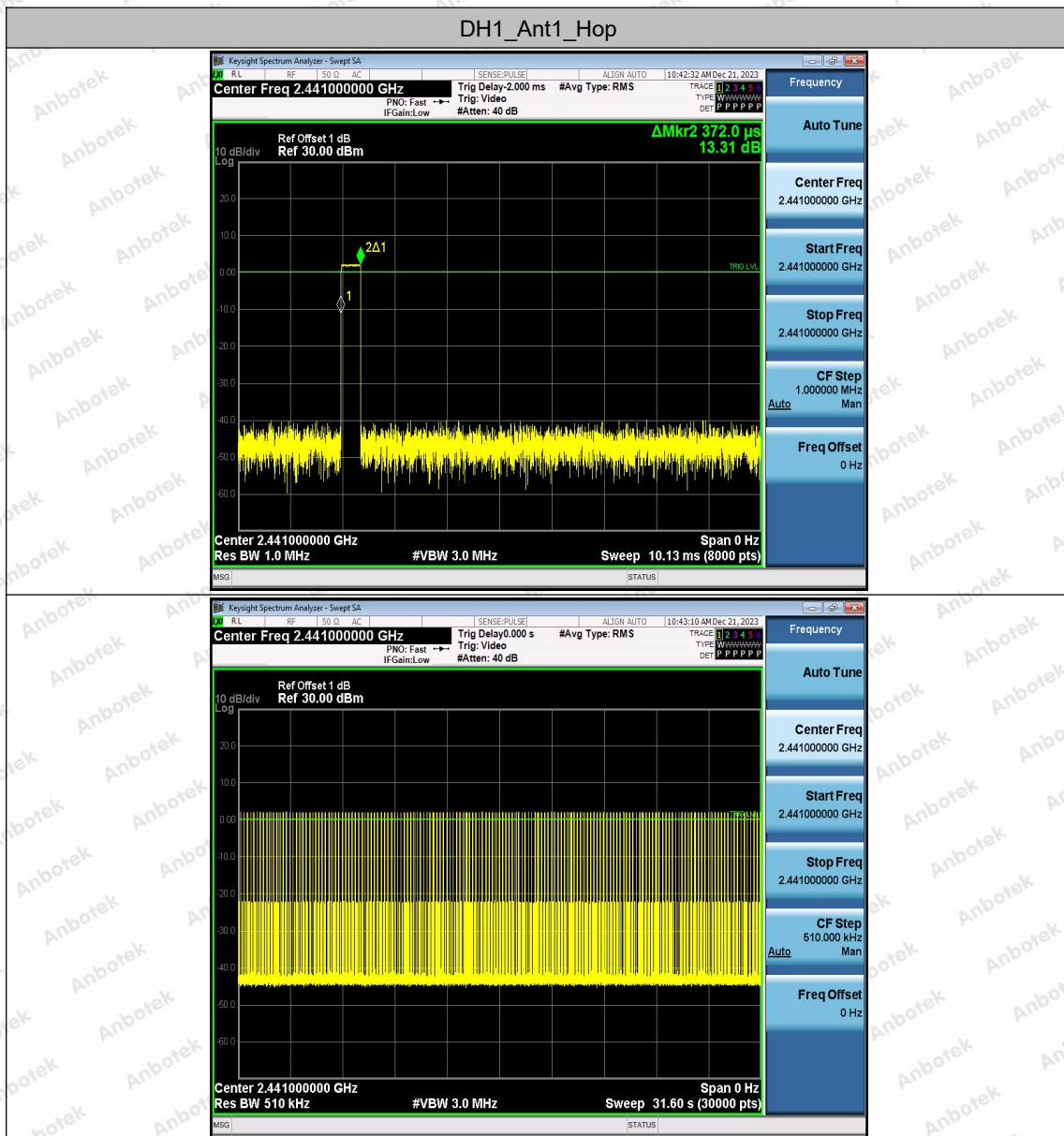


Appendix E: Time of occupancy

Test Result

TestMode	Antenna	Frequency[MHz]	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.372	314	0.117	≤0.4	PASS
DH3	Ant1	Hop	1.629	157	0.256	≤0.4	PASS
DH5	Ant1	Hop	2.877	101	0.291	≤0.4	PASS

Test Graphs

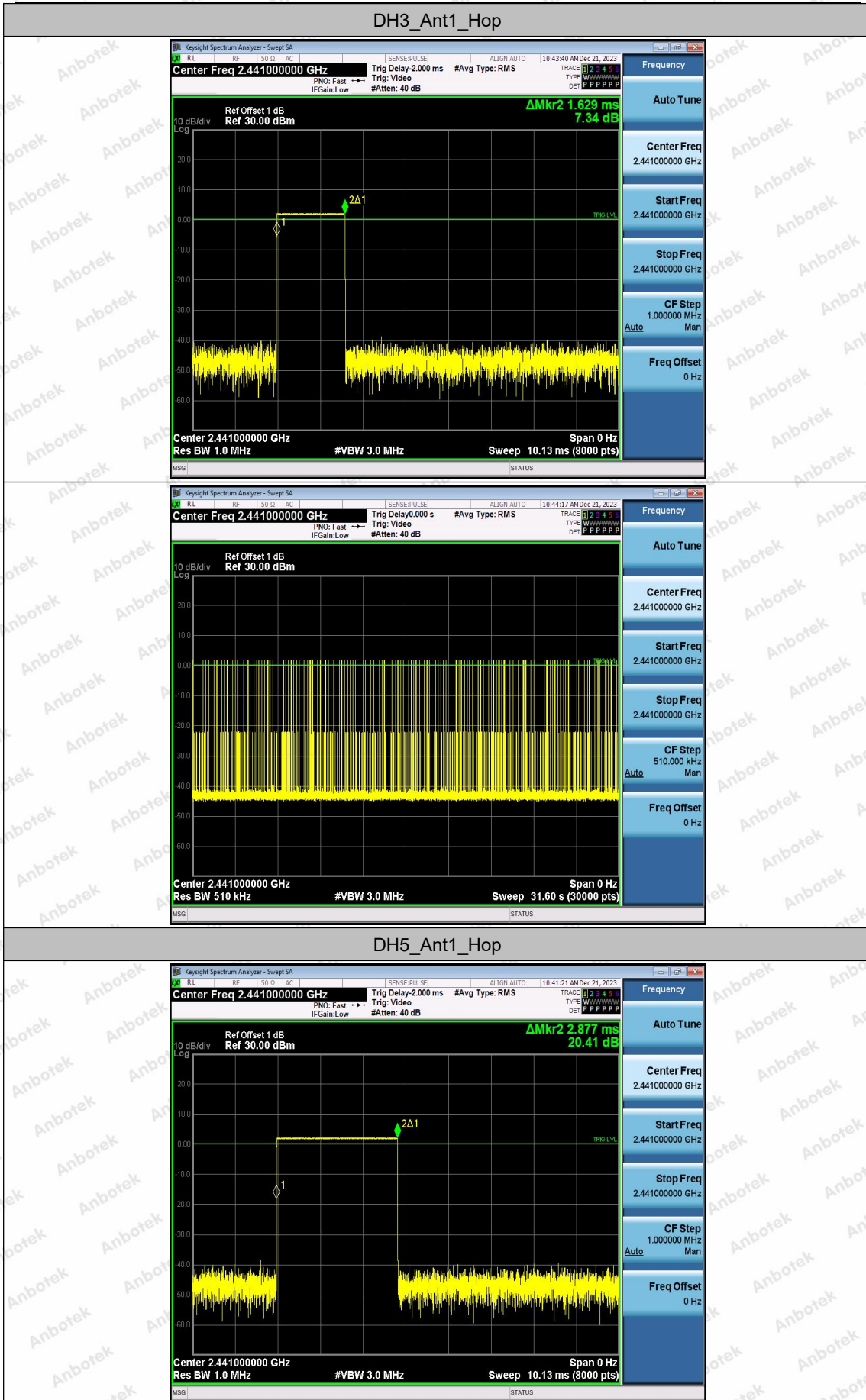


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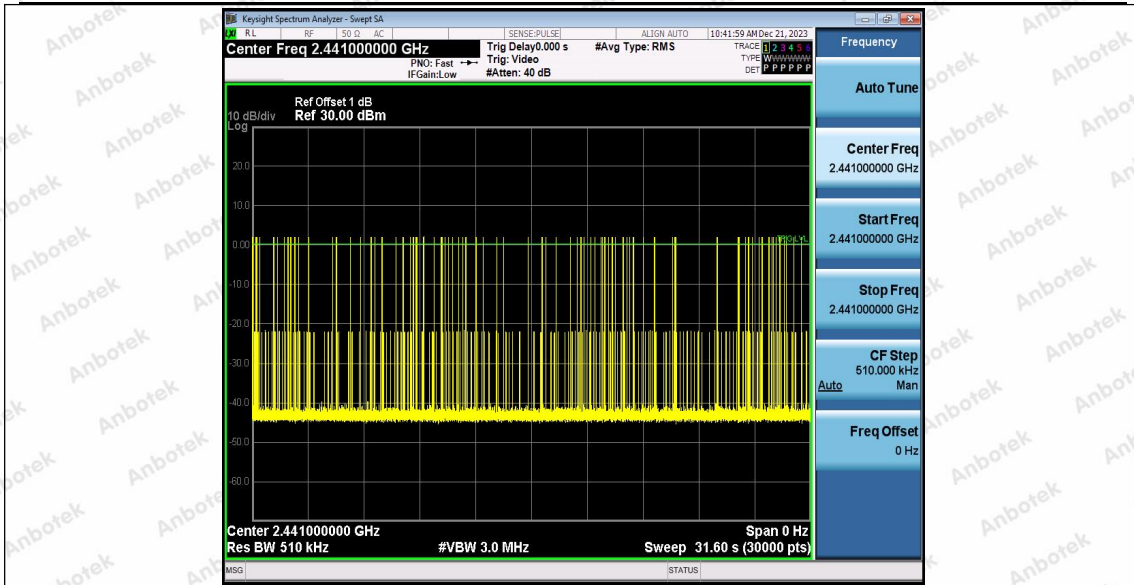


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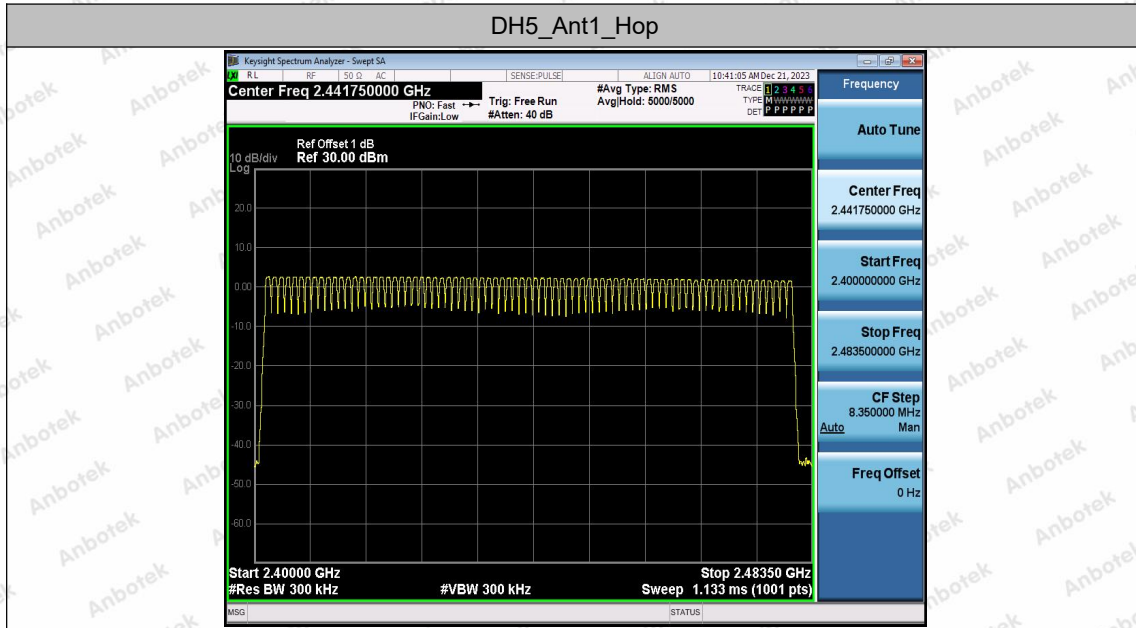


Appendix F: Number of hopping channels

Test Result

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

Test Graphs

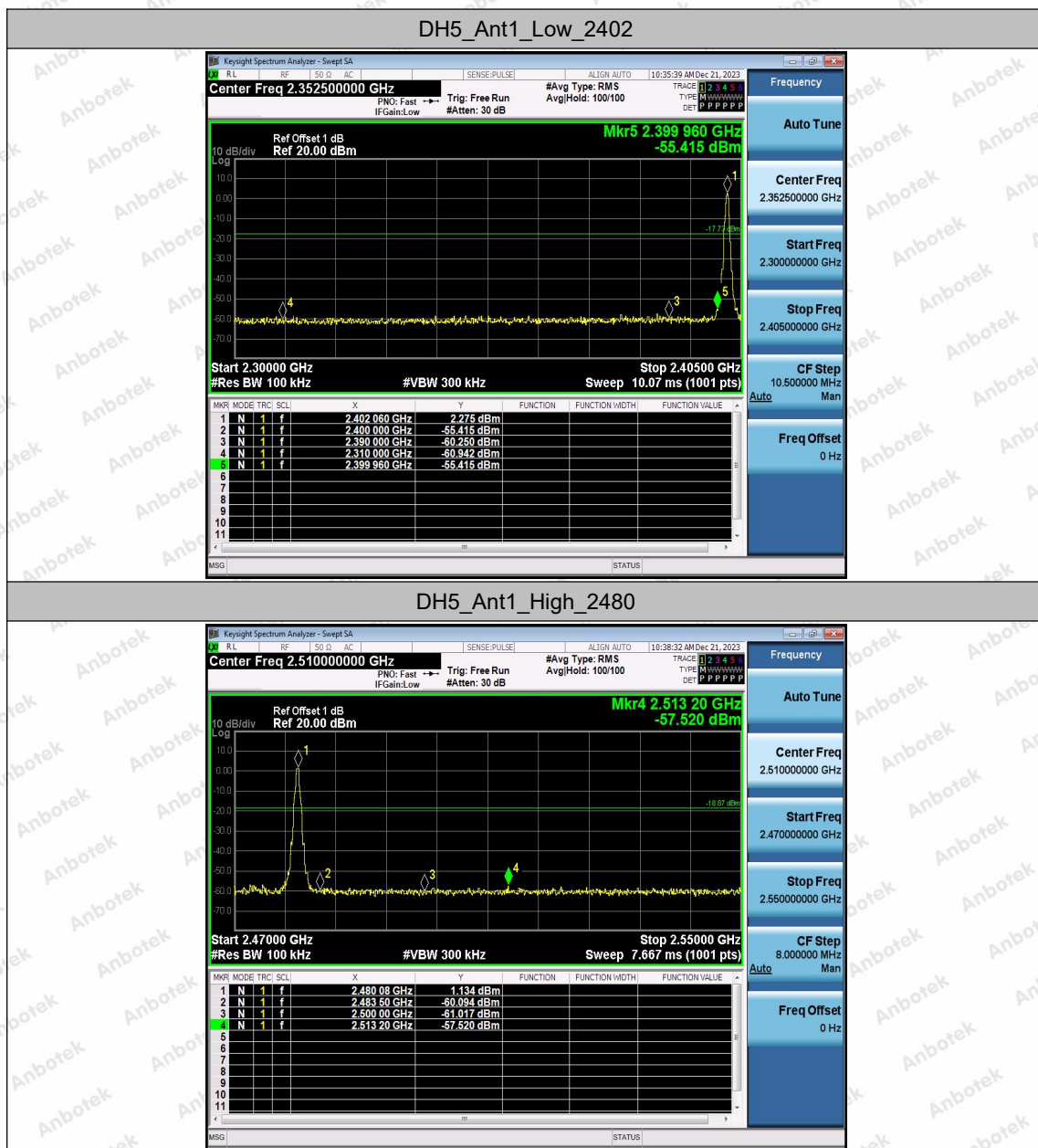


Appendix G: Band edge measurements

Test Result

TestMode	Antenna	ChName	Frequency[MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	2.28	-55.42	≤-17.73	PASS
		High	2480	1.13	-57.52	≤-18.87	PASS
		Low	Hop_2402	2.01	-56.99	≤-17.99	PASS
		High	Hop_2480	1.06	-57	≤-18.94	PASS

Test Graphs

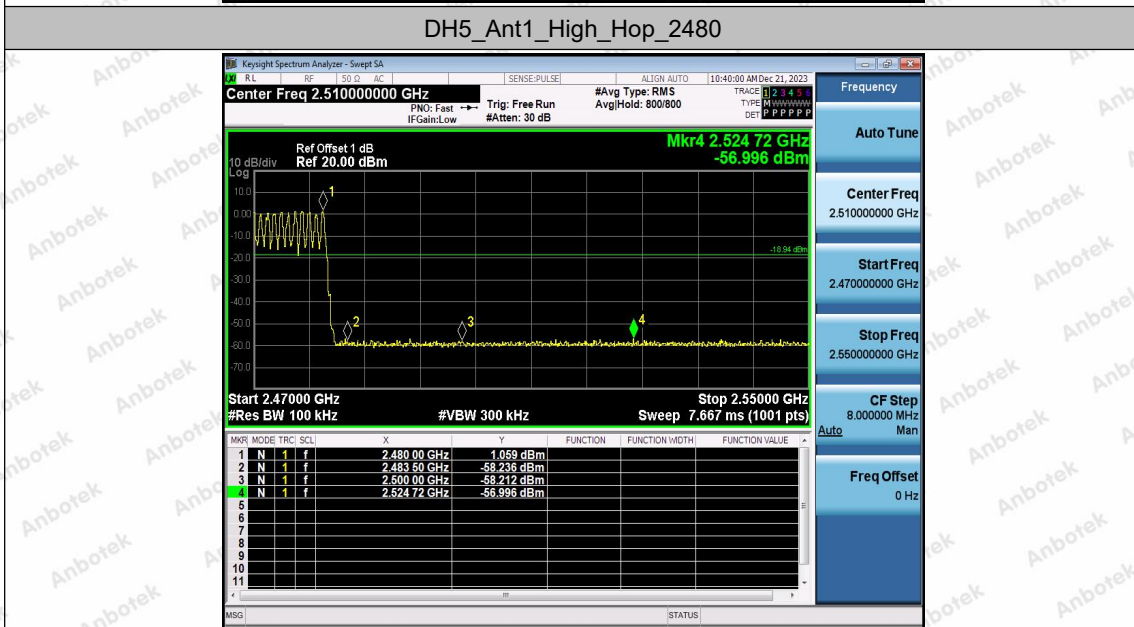
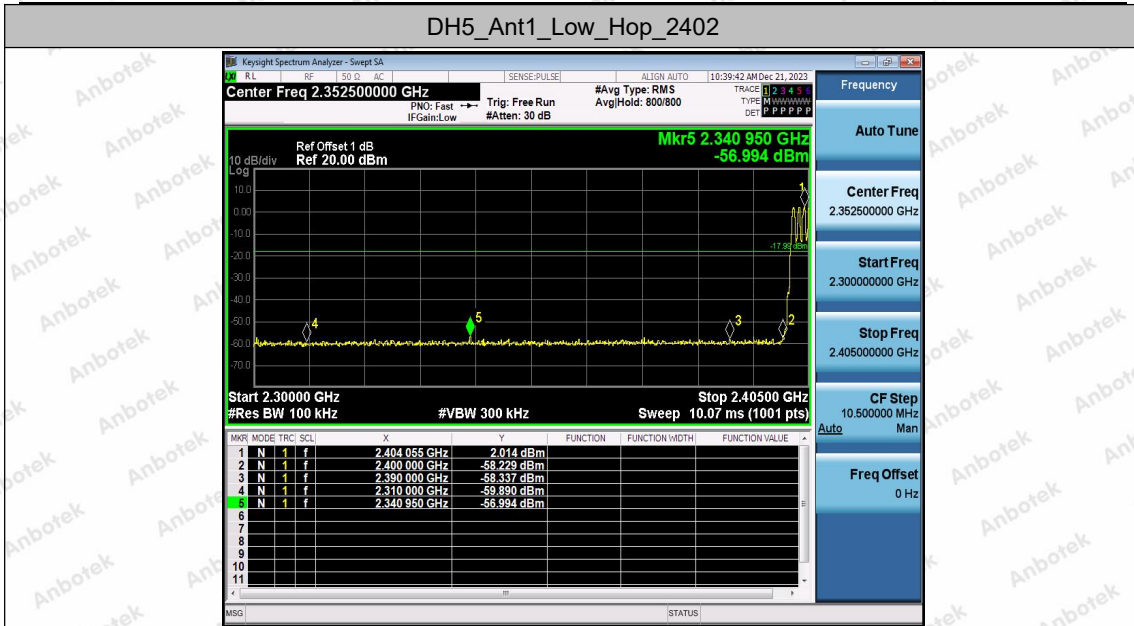


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Appendix H: Conducted Spurious Emission

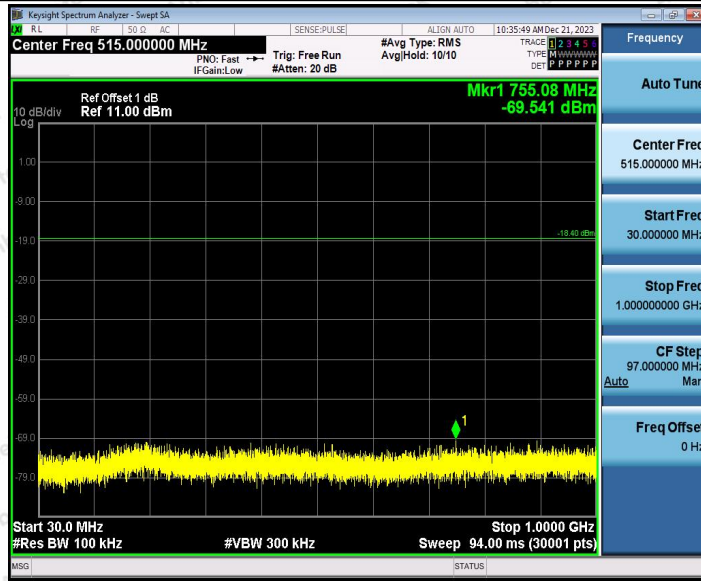
Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	Reference	1.60	1.60	---	PASS
			30~1000	1.60	-69.54	≤-18.4	PASS
			1000~26500	1.60	-53.89	≤-18.4	PASS
		2441	Reference	1.41	1.41	---	PASS
			30~1000	1.41	-69.42	≤-18.59	PASS
			1000~26500	1.41	-53.08	≤-18.59	PASS
		2480	Reference	1.27	1.27	---	PASS
			30~1000	1.27	-65.88	≤-18.73	PASS
			1000~26500	1.27	-53.71	≤-18.73	PASS

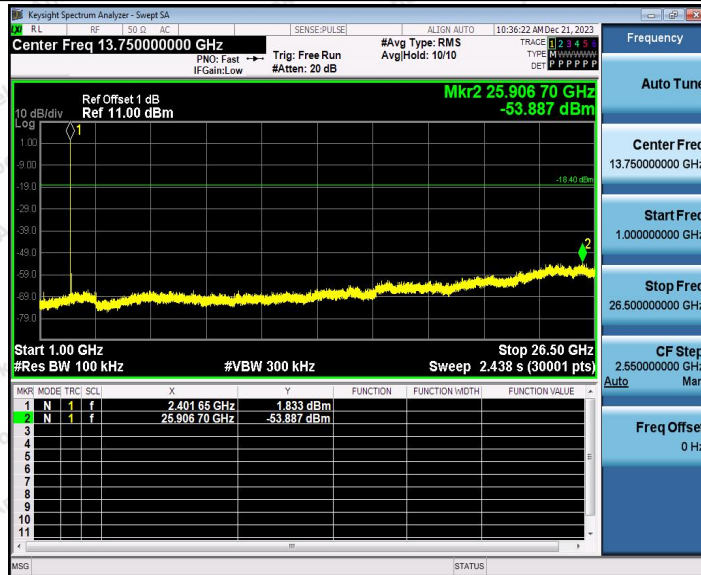
Test Graphs



DH5_Ant1_2402_30~1000



DH5_Ant1_2402_1000~26500



DH5_Ant1_2441_0~Reference



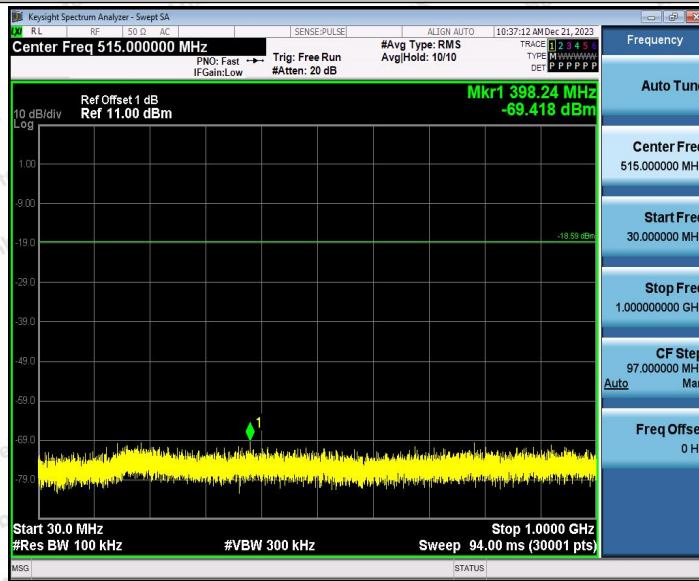
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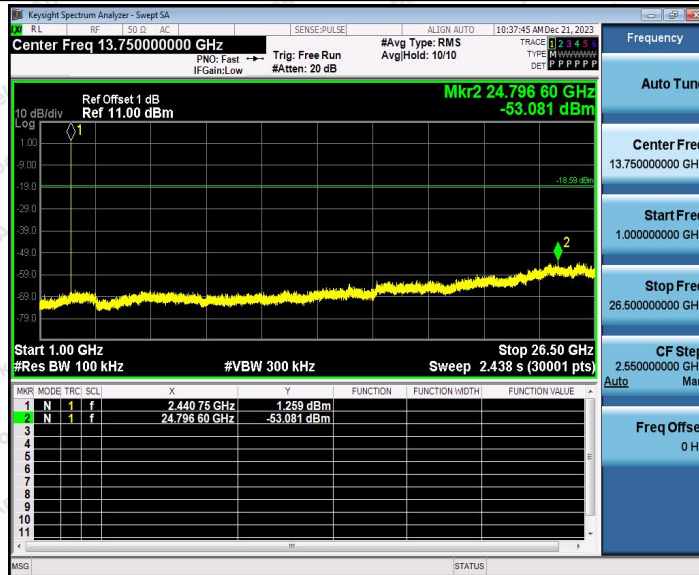
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DH5_Ant1_2441_30~1000



DH5_Ant1_2441_1000~26500



DH5_Ant1_2480_0~Reference

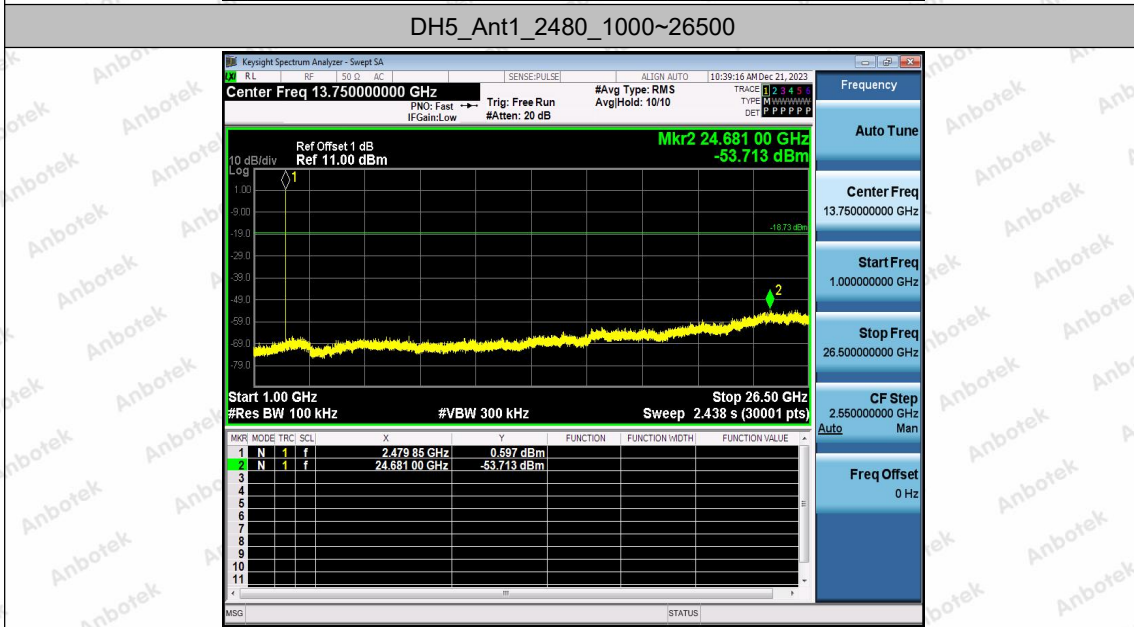
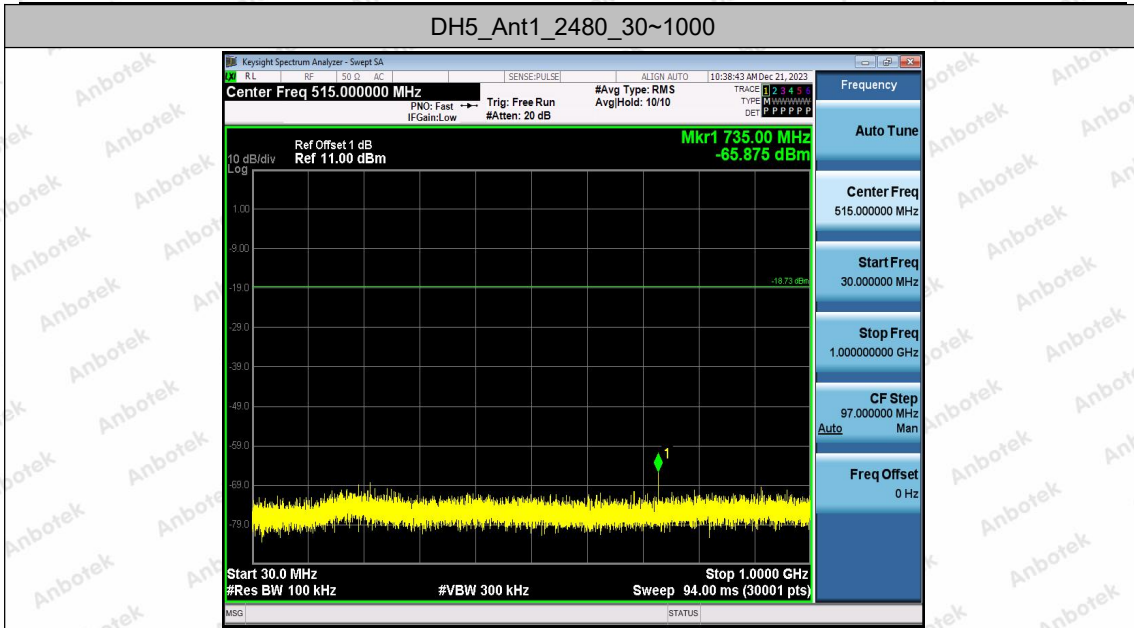


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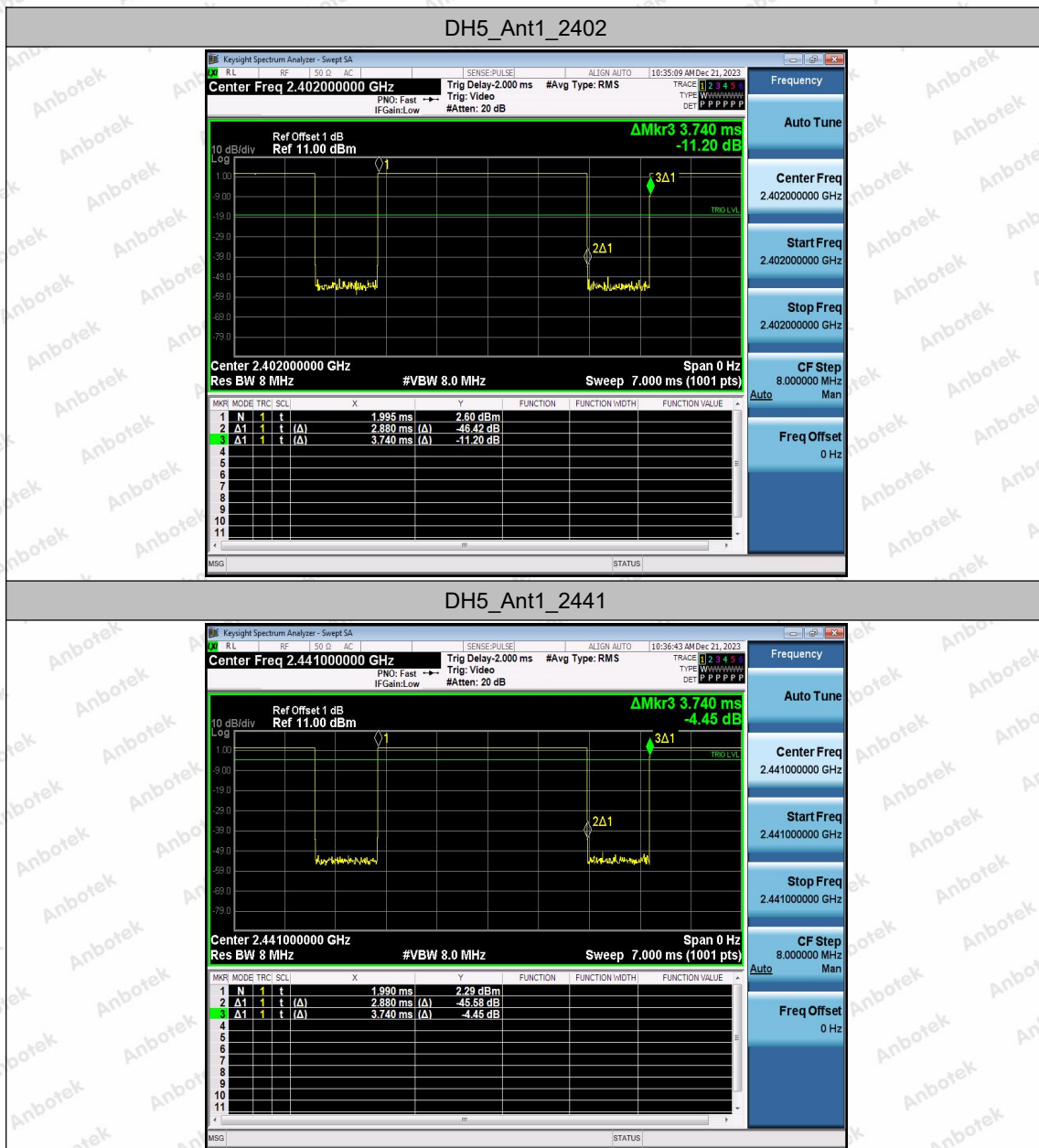


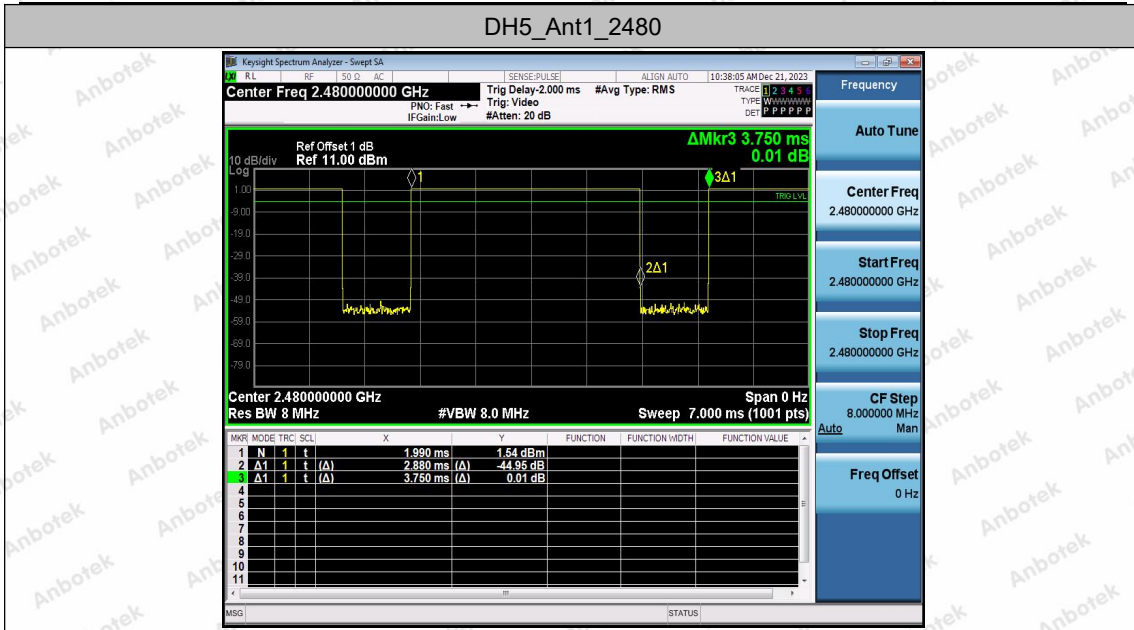
Appendix I: Duty Cycle

Test Result

TestMode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
DH5	Ant1	2402	2.88	3.74	77.01	1.13
		2441	2.88	3.74	77.01	1.13
		2480	2.88	3.75	76.80	1.15

Test Graphs





---End---

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