

Appendix Test Data

Report No.:	18220WC30085601	Test Sample No.:	1-2-2
Start Test Date:	2023.05.11	Finish Test Date:	2023.05.12
Test Engineer:	RICK Luo	Auditor:	Edward Pan
Temperature:	25.7℃	Relative Humidity:	45%
Pressure:	1012 hPa		

Appendix A: 20dB Emission Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.912	2401.517	2402.429	---	---
		2441	0.831	2440.592	2441.423	---	---
		2480	0.849	2479.577	2480.426	---	---



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	0.83247	2401.5794	2402.4119	---	---
		2441	0.83181	2440.5813	2441.4131	---	---
		2480	0.81044	2479.6029	2480.4133	---	---



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	3.4	≤20.97	PASS
		2441	3.49	≤20.97	PASS
		2480	3.49	≤20.97	PASS



Test Graphs

DH5_Ant1_2402



DH5_Ant1_2441



DH5_Ant1_2480

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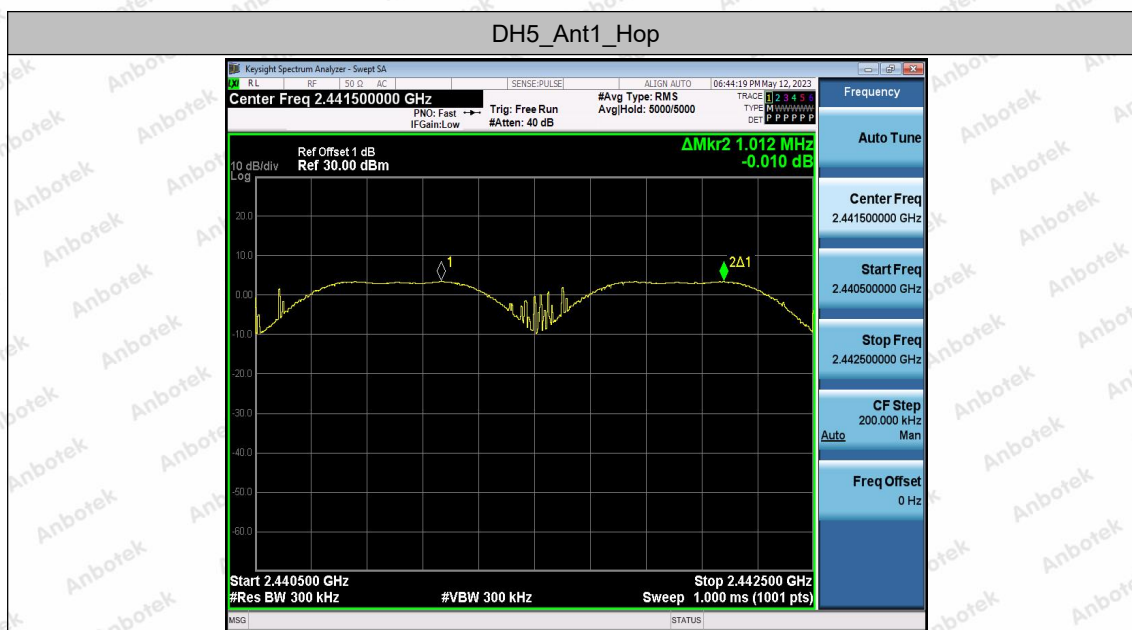
Appendix D: Carrier frequency separation

Test Result

TestMode	Antenna	Frequency[MHz]	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.012	≥0.912	PASS



Test Graphs



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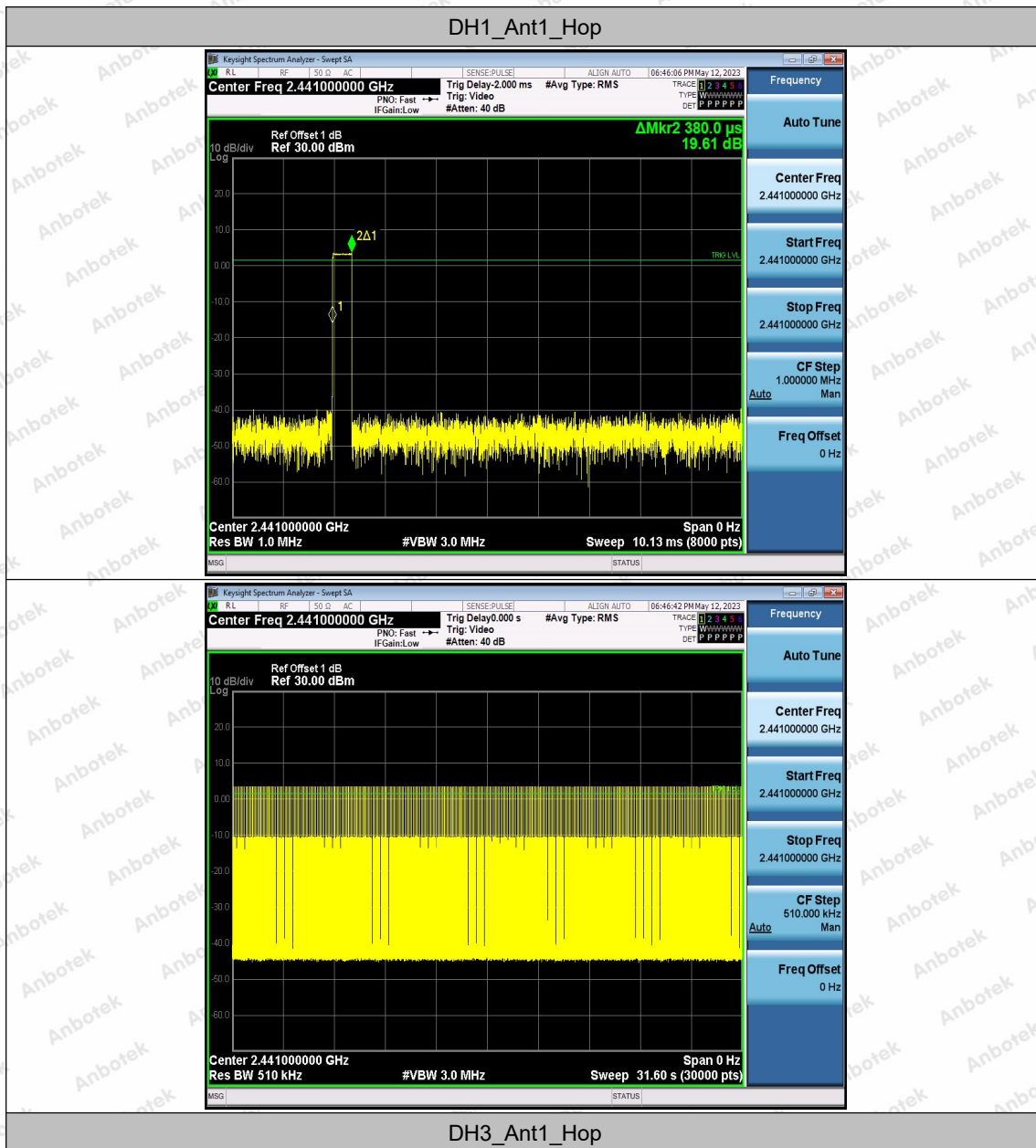
Appendix E: Time of occupancy

Test Result

TestMode	Antenna	Frequency[MHz]	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.380	377	0.143	≤0.4	PASS
DH3	Ant1	Hop	1.631	173	0.282	≤0.4	PASS
DH5	Ant1	Hop	2.861	113	0.323	≤0.4	PASS



Test Graphs



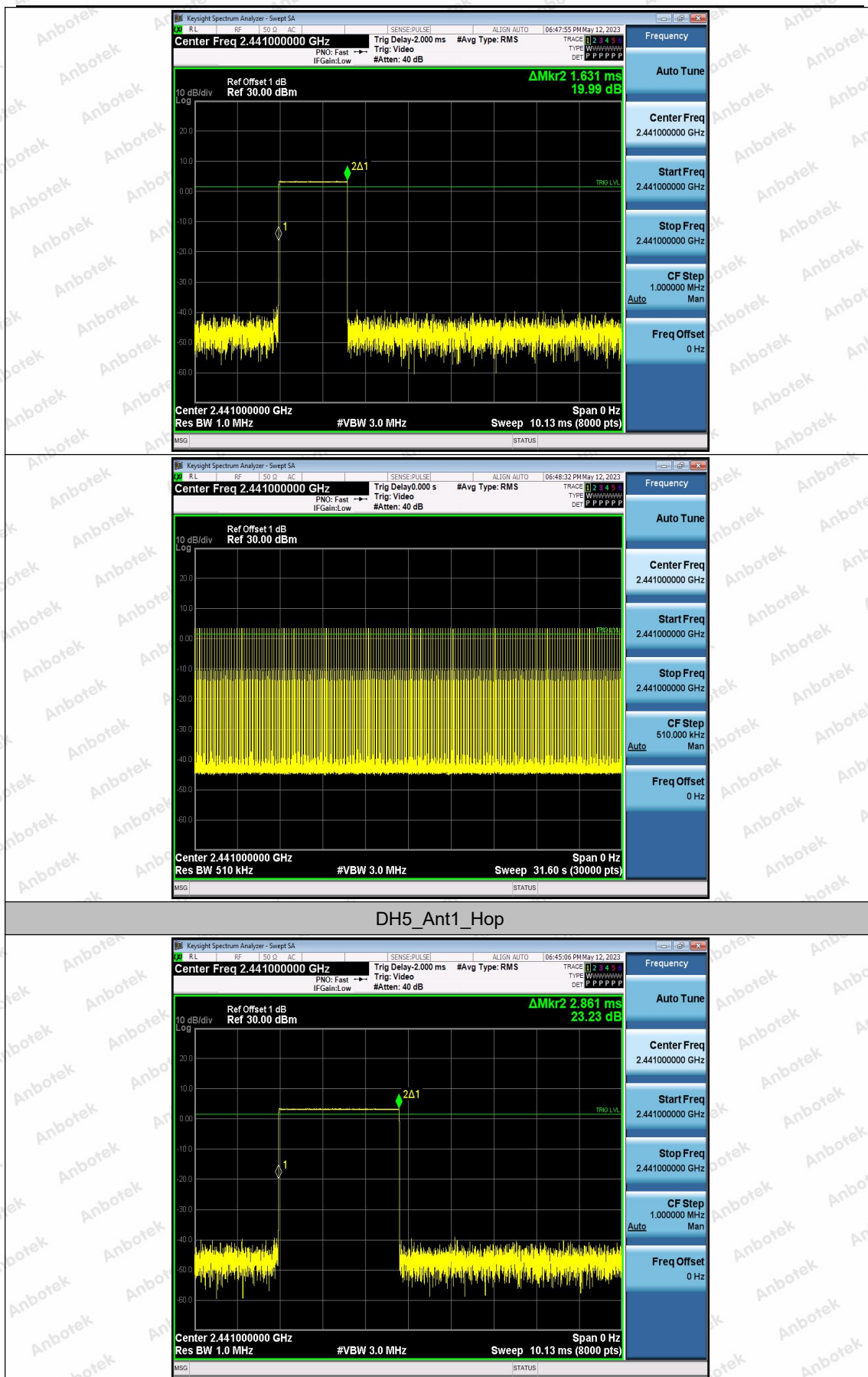
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DH5_Ant1_Hop

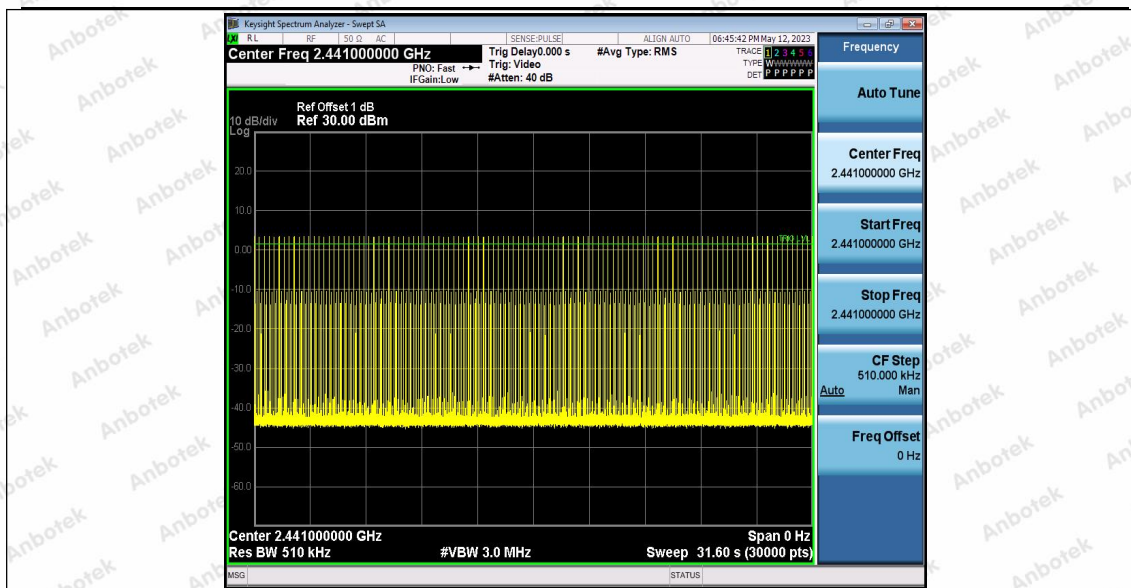
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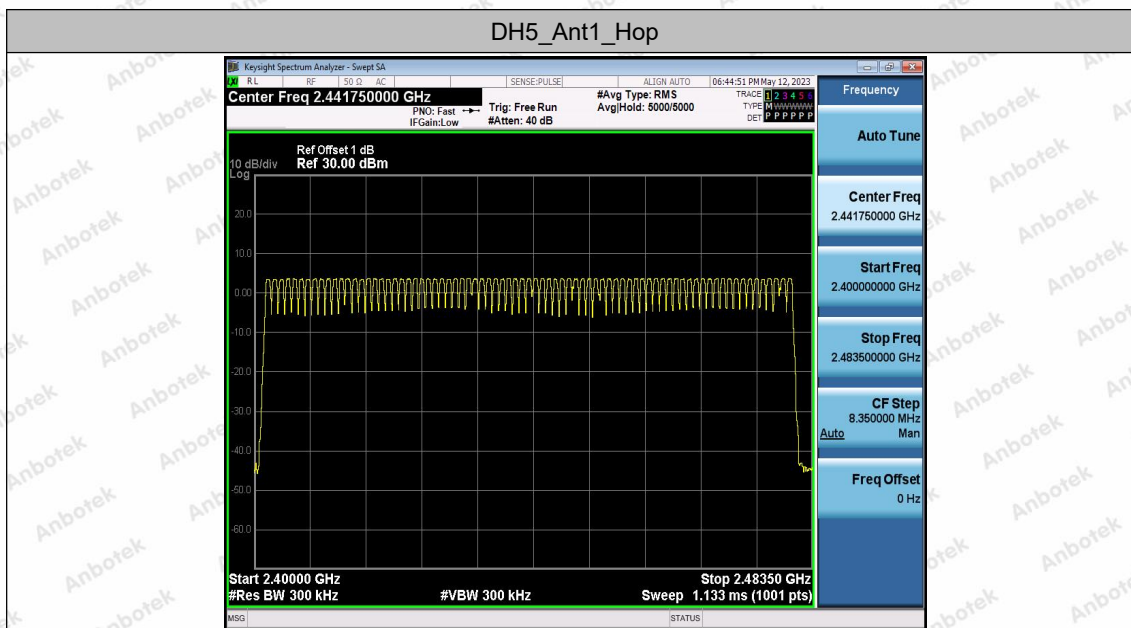
Appendix F: Number of hopping channels

Test Result

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



Test Graphs



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Appendix G: Band edge measurements

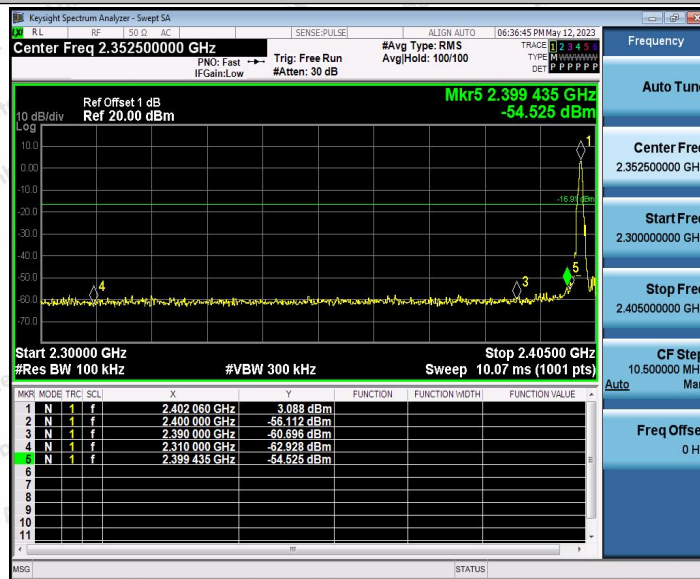
Test Result

TestMode	Antenna	ChName	Frequency[MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	3.09	-54.53	≤-16.91	PASS
		High	2480	3.39	-56.89	≤-16.61	PASS
		Low	Hop_2402	2.81	-56.9	≤-17.19	PASS
		High	Hop_2480	3.22	-56.22	≤-16.78	PASS

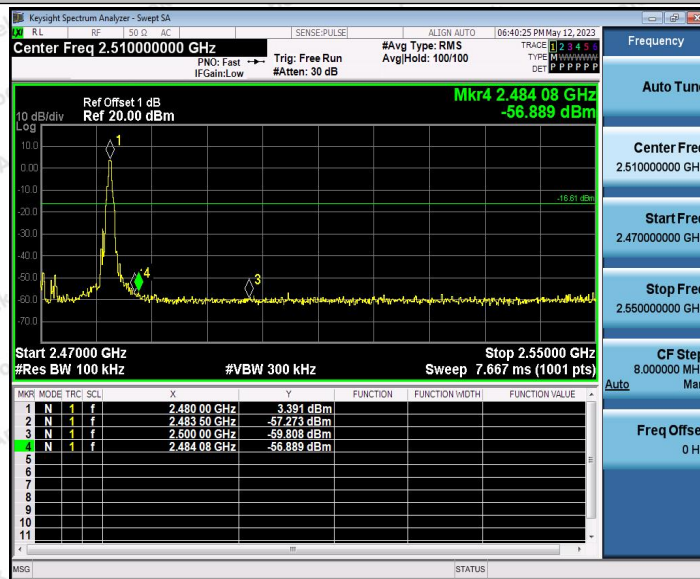


Test Graphs

DH5_Ant1_Low_2402



DH5_Ant1_High_2480



DH5_Ant1_Low_Hop_2402

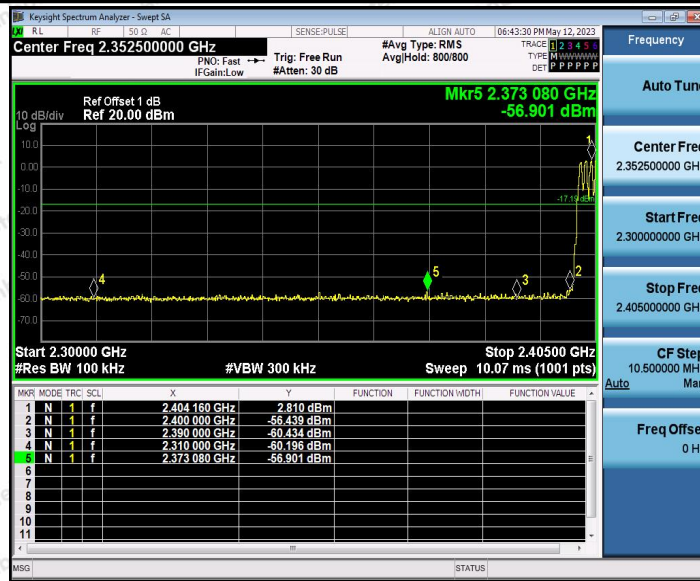
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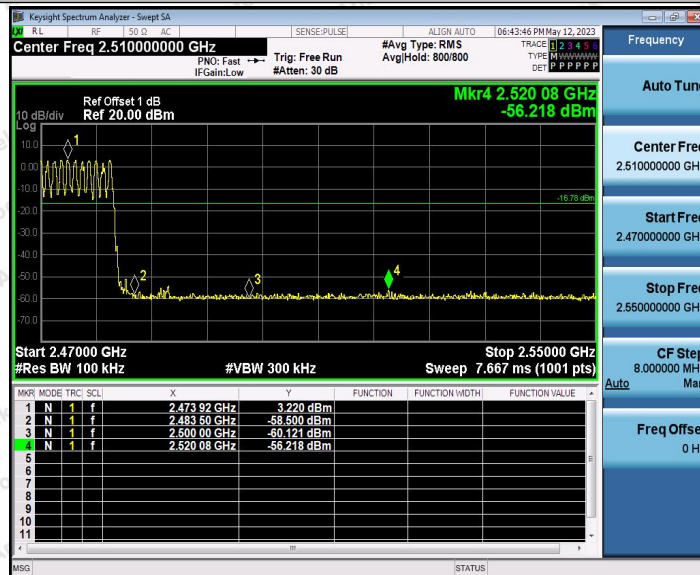


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DH5_Ant1_High_Hop_2480



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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	2.67	2.67	---	PASS
			30~1000	2.67	-65.84	≤-17.33	PASS
			1000~26500	2.67	-46.49	≤-17.33	PASS
		2441	Reference	2.85	2.85	---	PASS
			30~1000	2.85	-66.44	≤-17.15	PASS
			1000~26500	2.85	-46.72	≤-17.15	PASS
		2480	Reference	2.96	2.96	---	PASS
			30~1000	2.96	-66.3	≤-17.04	PASS
			1000~26500	2.96	-48.31	≤-17.04	PASS

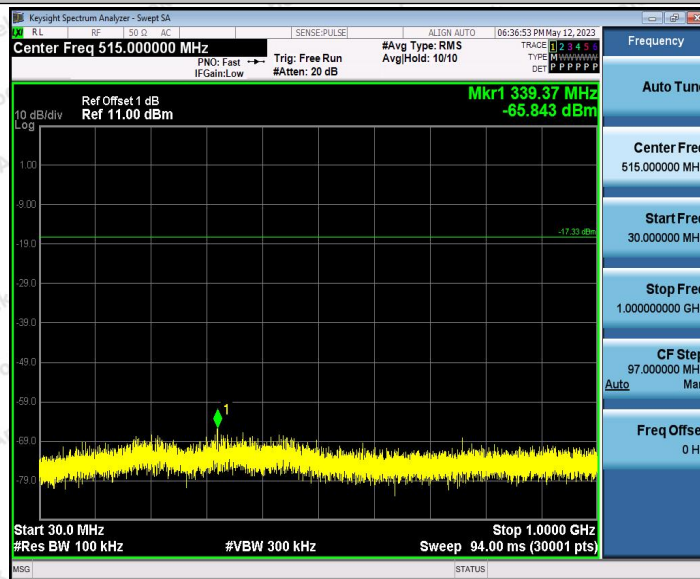


Test Graphs

DH5_Ant1_2402_0~Reference



DH5_Ant1_2402_30~1000



DH5_Ant1_2402_1000~26500

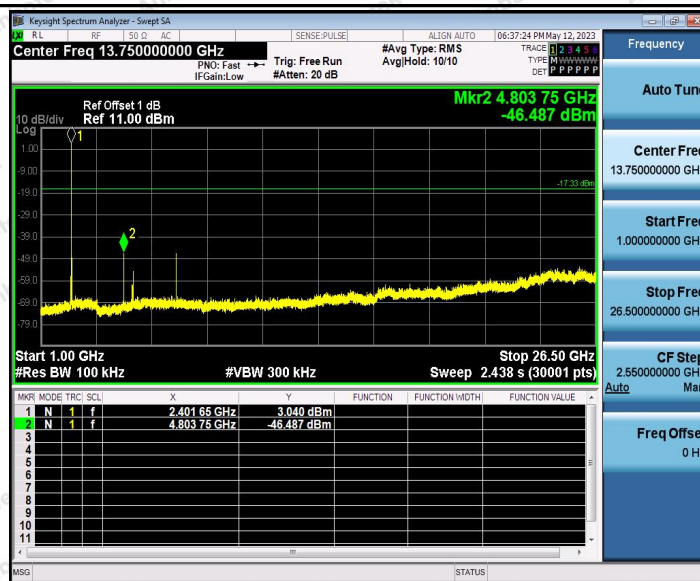
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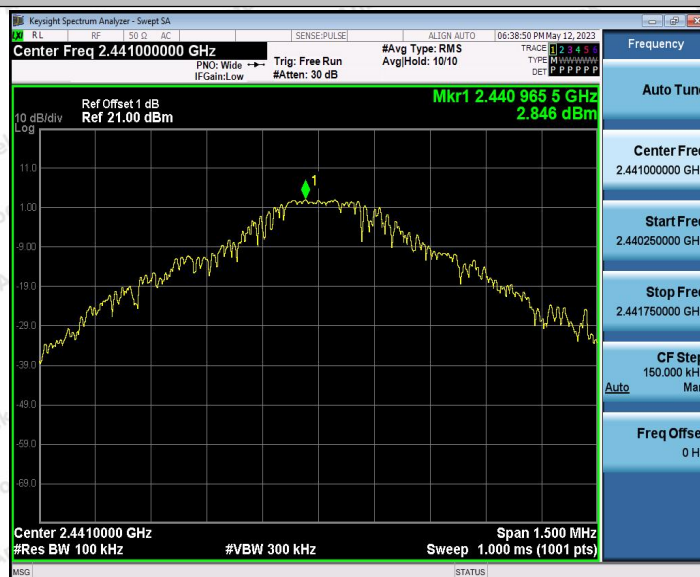


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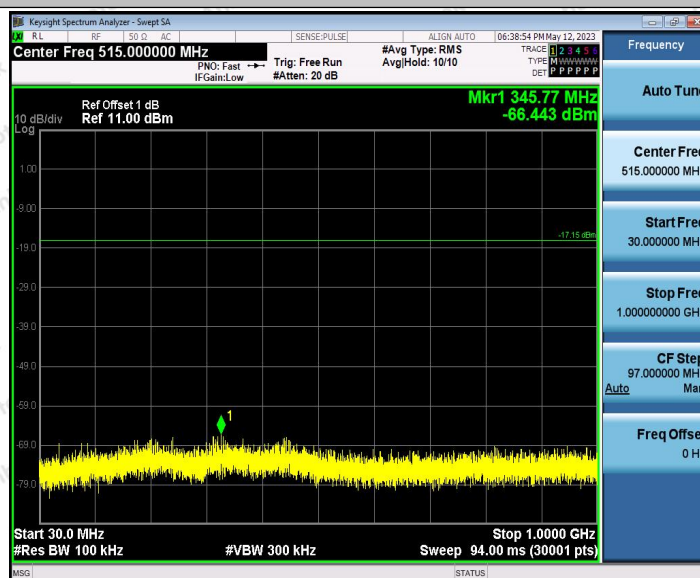




DH5_Ant1_2441_0~Reference



DH5_Ant1_2441_30~1000



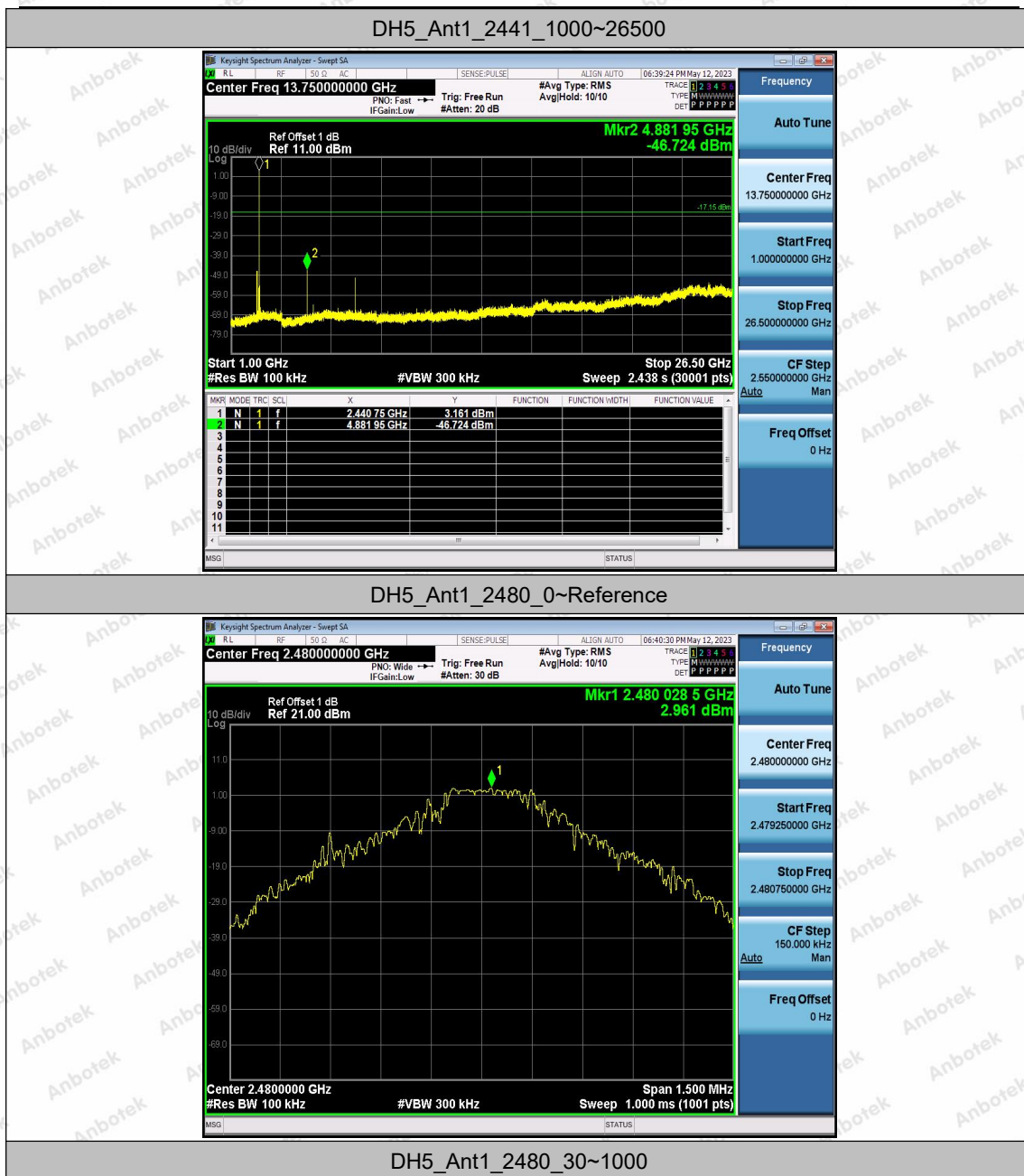
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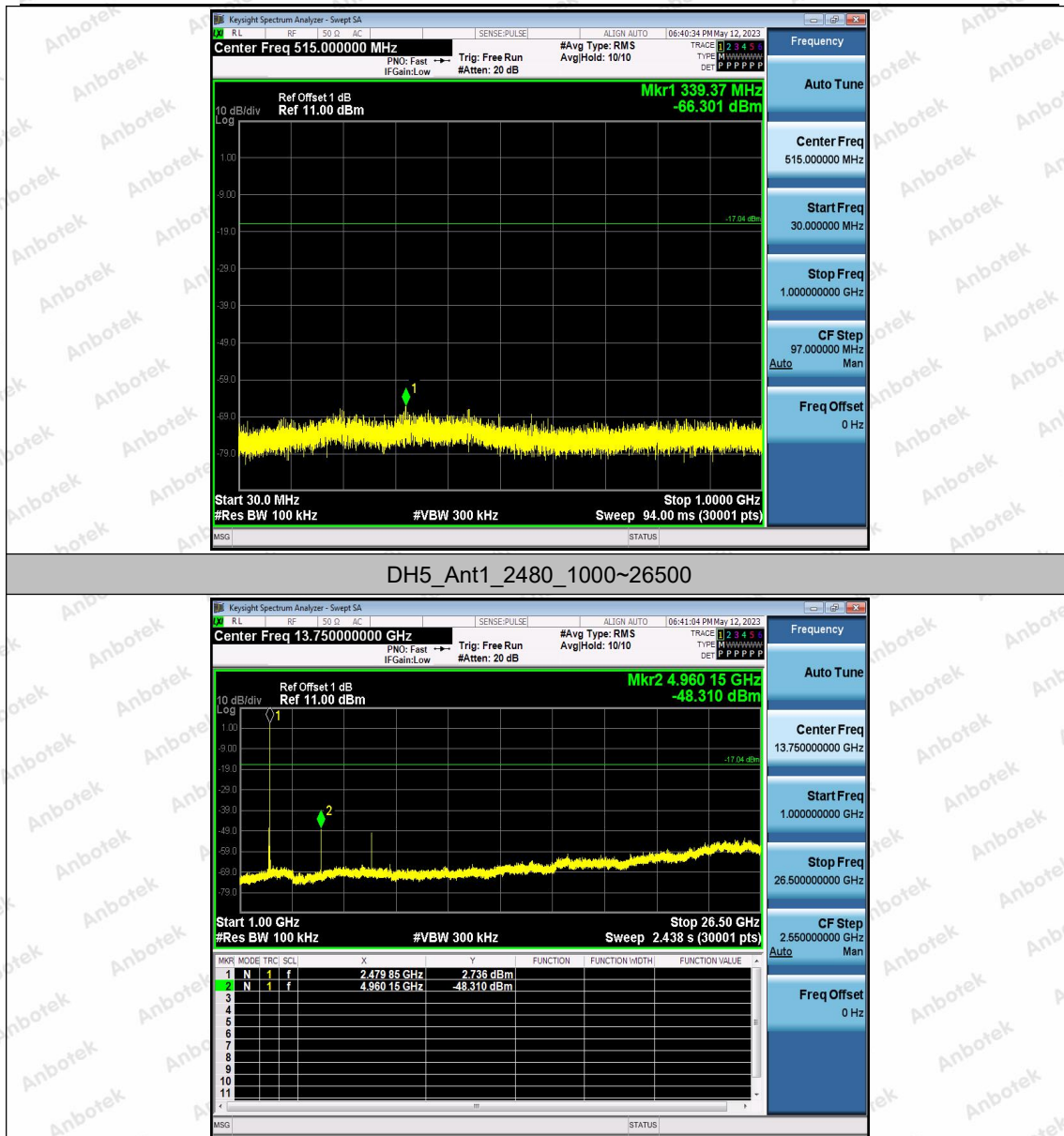
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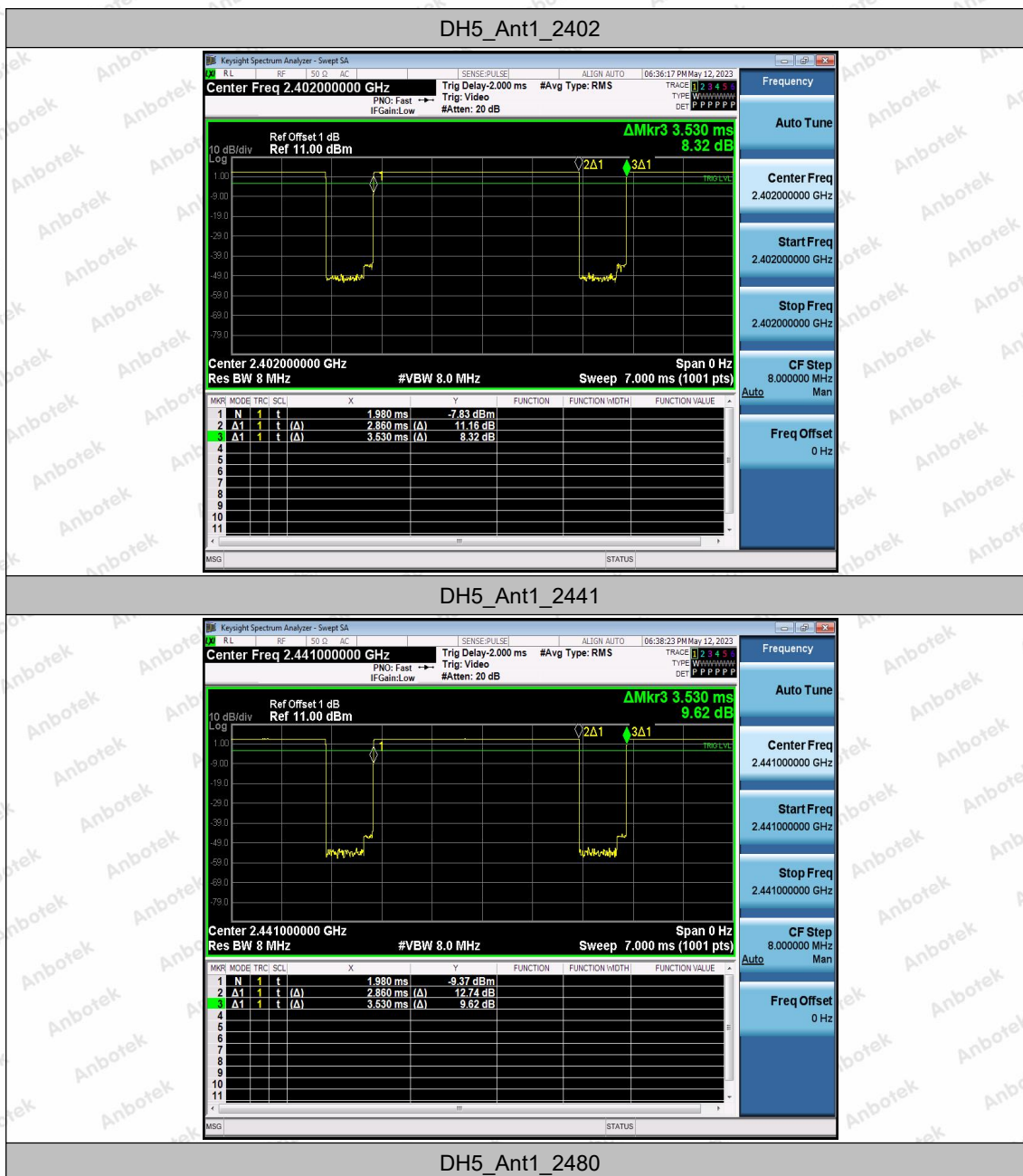
Appendix I: Duty Cycle

Test Result

TestMode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
DH5	Ant1	2402	2.86	3.53	81.02	0.91
		2441	2.86	3.53	81.02	0.91
		2480	2.86	3.52	81.25	0.90



Test Graphs



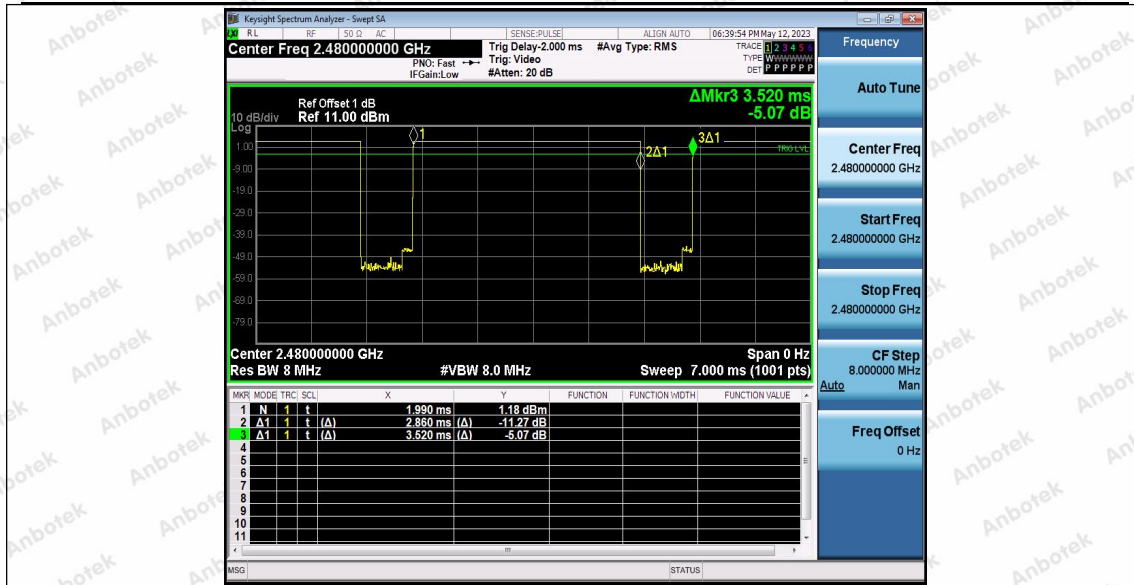
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