

Appendix Test Data

Report No.:	18220WC30002001	Test Sample No.:	1-2-2
Start Test Date:	2023.1.5	Finish Test Date:	2023.1.11
Test Engineer:	<i>Jony.He</i>	Auditor:	<i>Edward.Pan</i>
Temperature:	24.3℃	Relative Humidity:	47 %
Pressure:	1012 hPa		

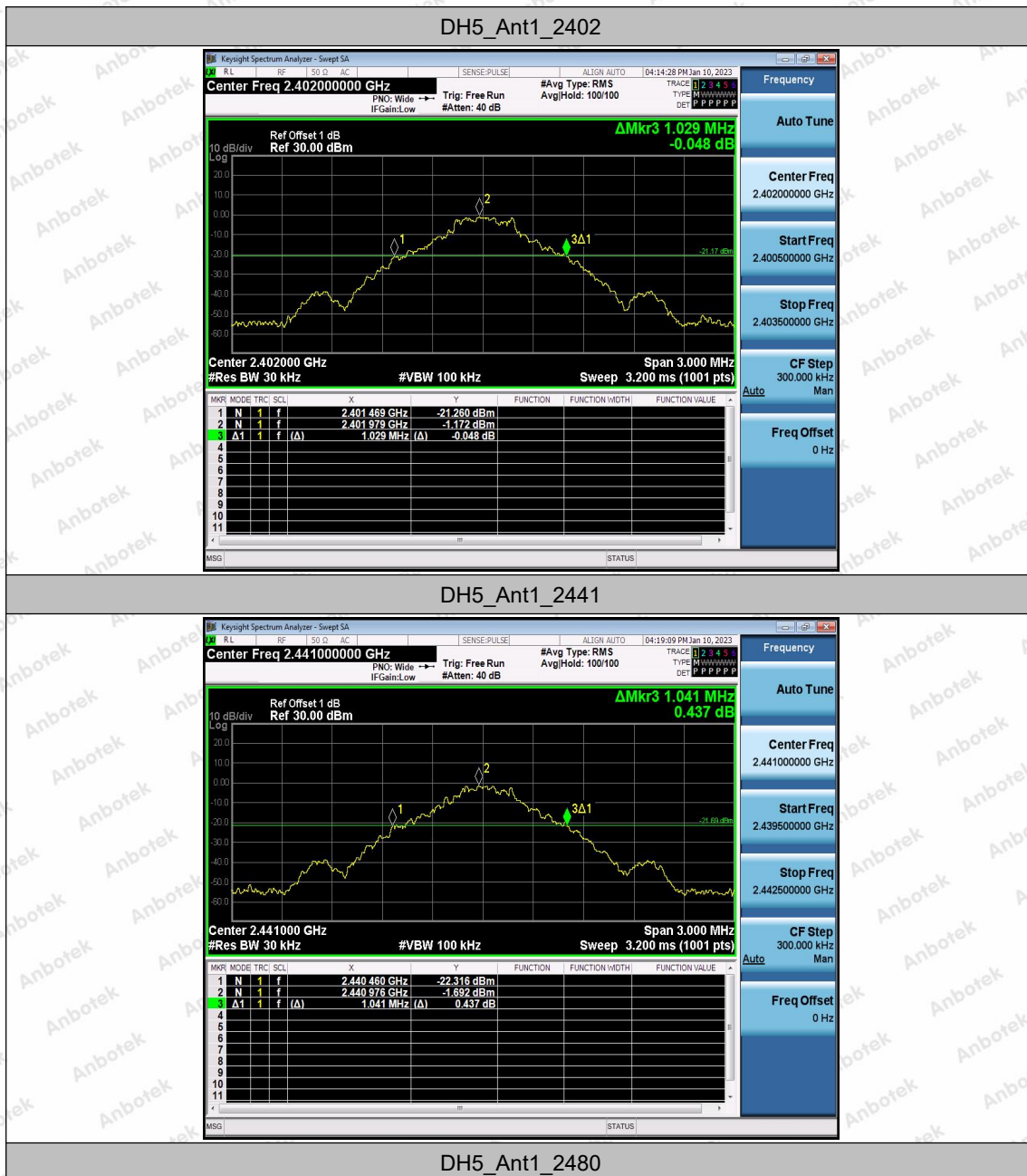
Appendix A: 20dB Emission Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]
DH5	Ant1	2402	1.029	2401.469	2402.498
		2441	1.041	2440.460	2441.501
		2480	1.017	2479.475	2480.492



Test Graphs



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Appendix B: Occupied Channel Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]
DH5	Ant1	2402	0.90790	2401.5513	2402.4592
		2441	0.90057	2440.5549	2441.4554
		2480	0.90082	2479.5524	2480.4532



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	1.62	≤20.97	PASS
		2441	1.14	≤20.97	PASS
		2480	0.57	≤20.97	PASS



Test Graphs



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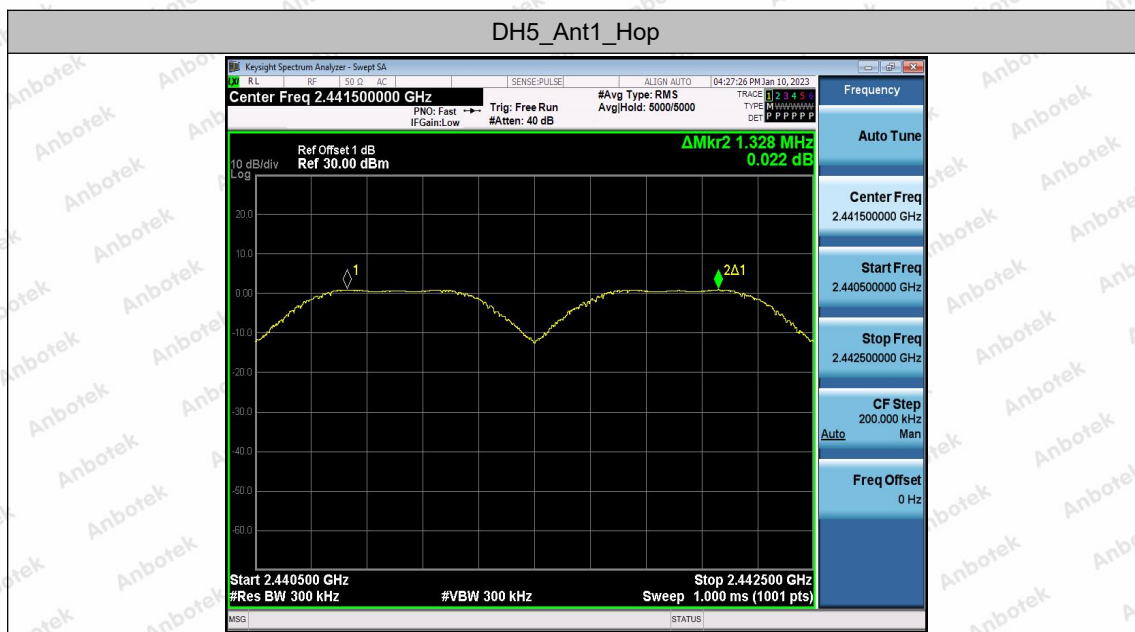


Appendix D: Carrier frequency separation

Test Result

Test Mode	Antenna	Frequency[MHz]	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.328	≥1.041	PASS

Test Graphs



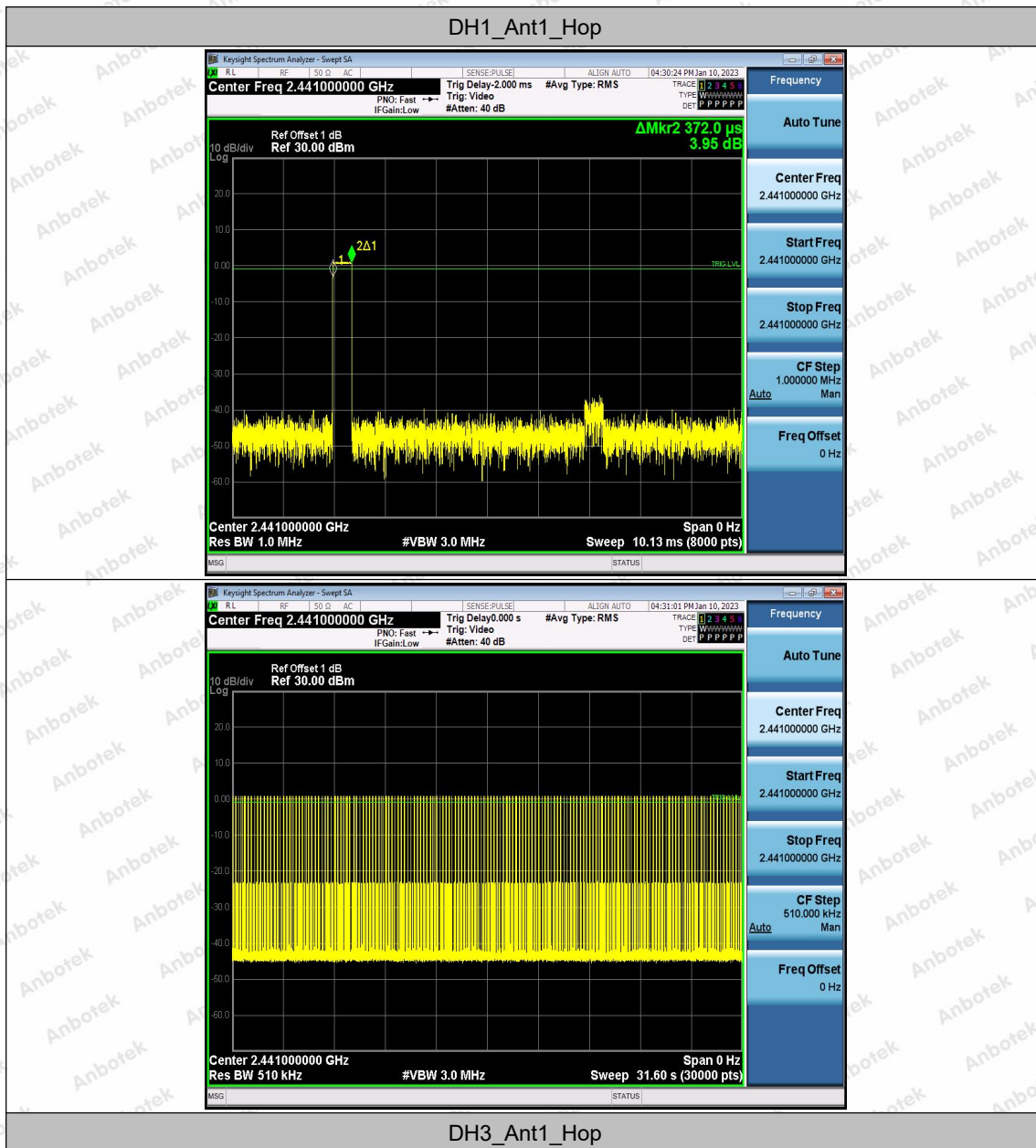
Appendix E: Time of occupancy

Test Result

TestMode	Antenna	Frequency[MHz]	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.372	313	0.116	≤0.4	PASS
DH3	Ant1	Hop	1.628	159	0.259	≤0.4	PASS
DH5	Ant1	Hop	2.877	108	0.311	≤0.4	PASS



Test Graphs



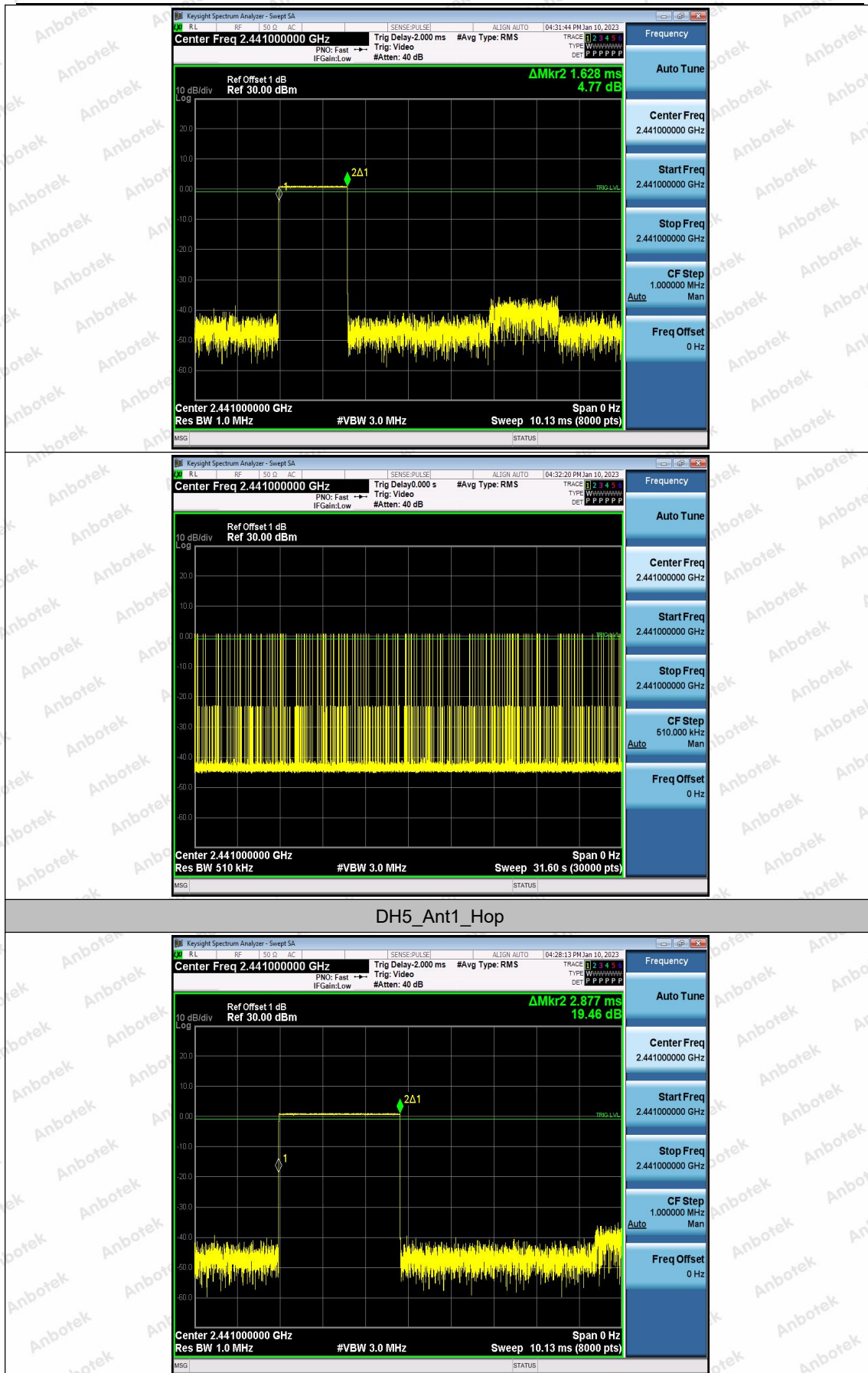
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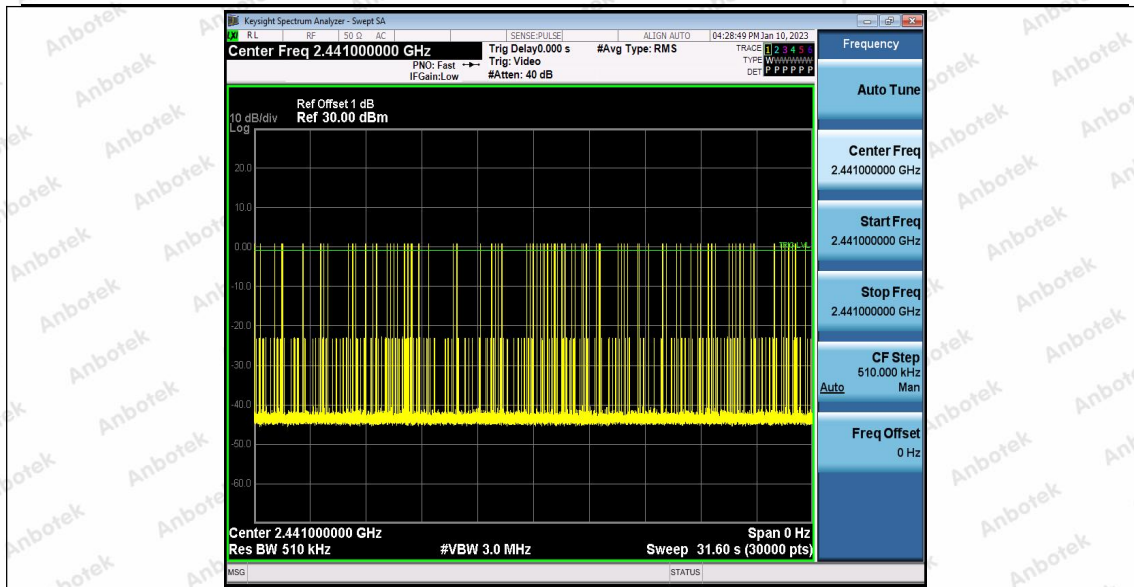
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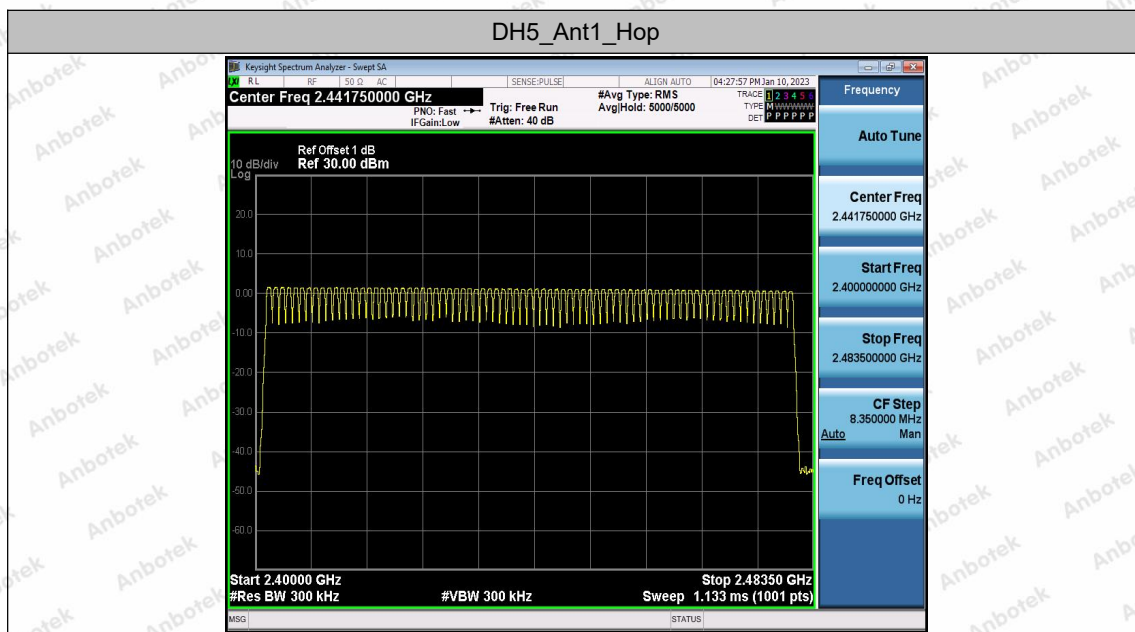


Appendix F: Number of hopping channels

Test Result

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

Test Graphs



Appendix G: Band edge measurements

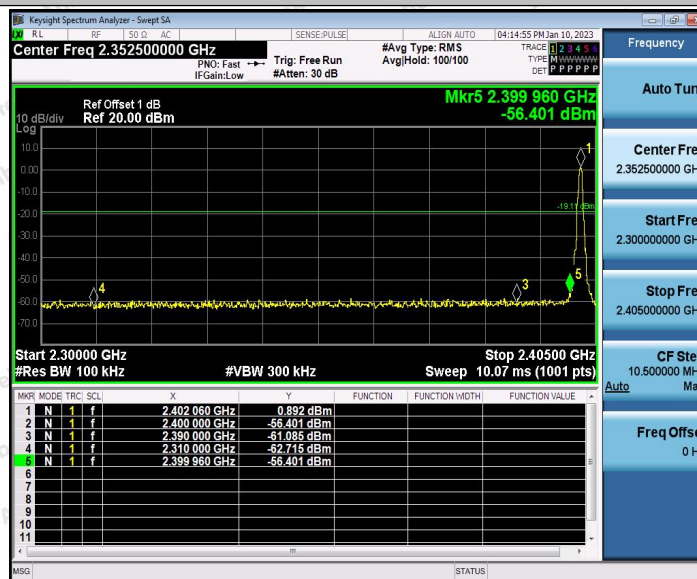
Test Result

TestMode	Antenna	ChName	Frequency[MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	0.89	-56.4	≤-19.11	PASS
		High	2480	0.01	-57.45	≤-19.99	PASS
		Low	Hop_2402	0.98	-57.89	≤-19.02	PASS
		High	Hop_2480	0.26	-57.35	≤-19.74	PASS

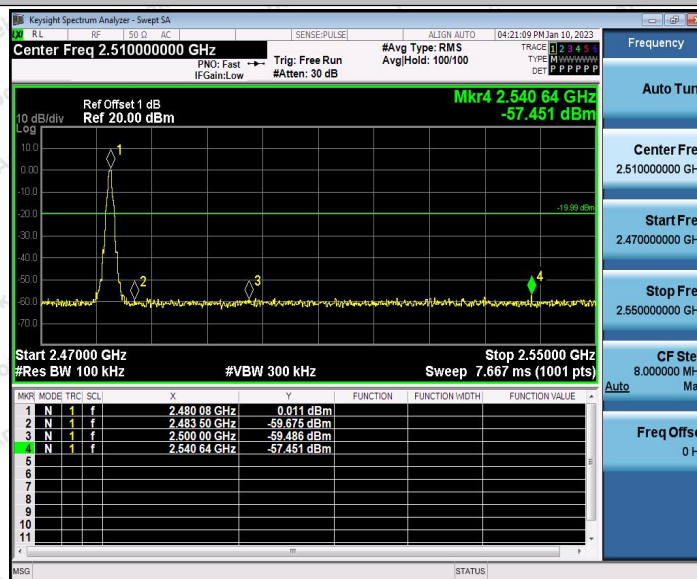


Test Graphs

DH5_Ant1_Low_2402



DH5_Ant1_High_2480



DH5_Ant1_Low_Hop_2402

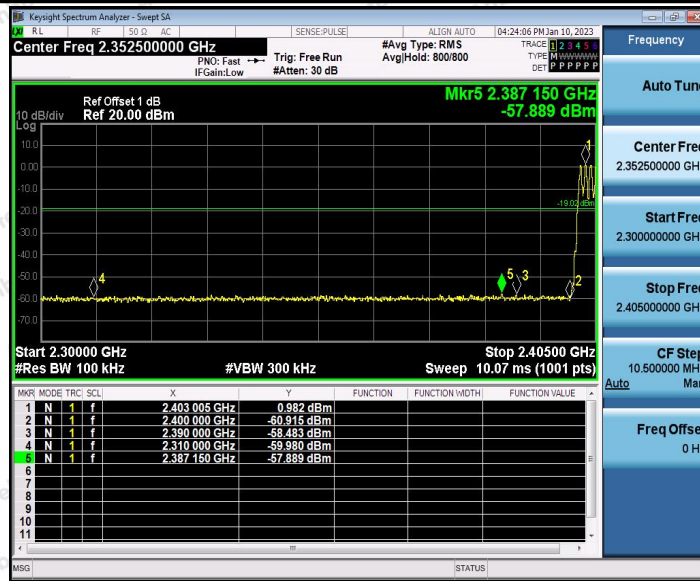
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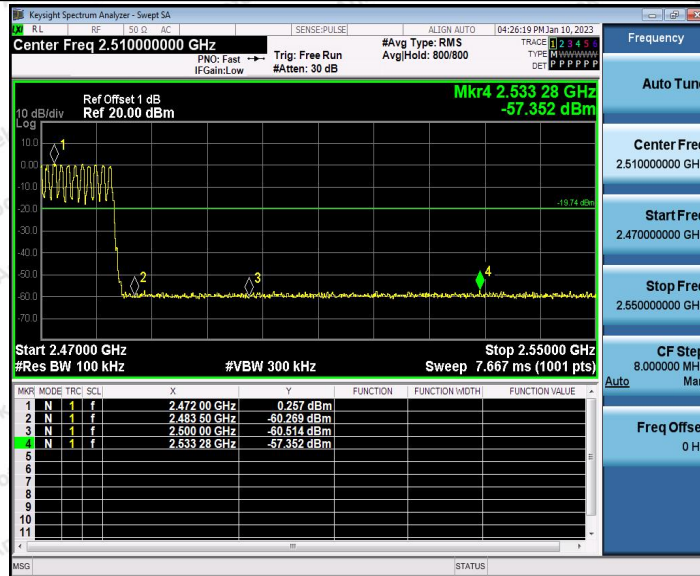


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DH5_Ant1_High_Hop_2480



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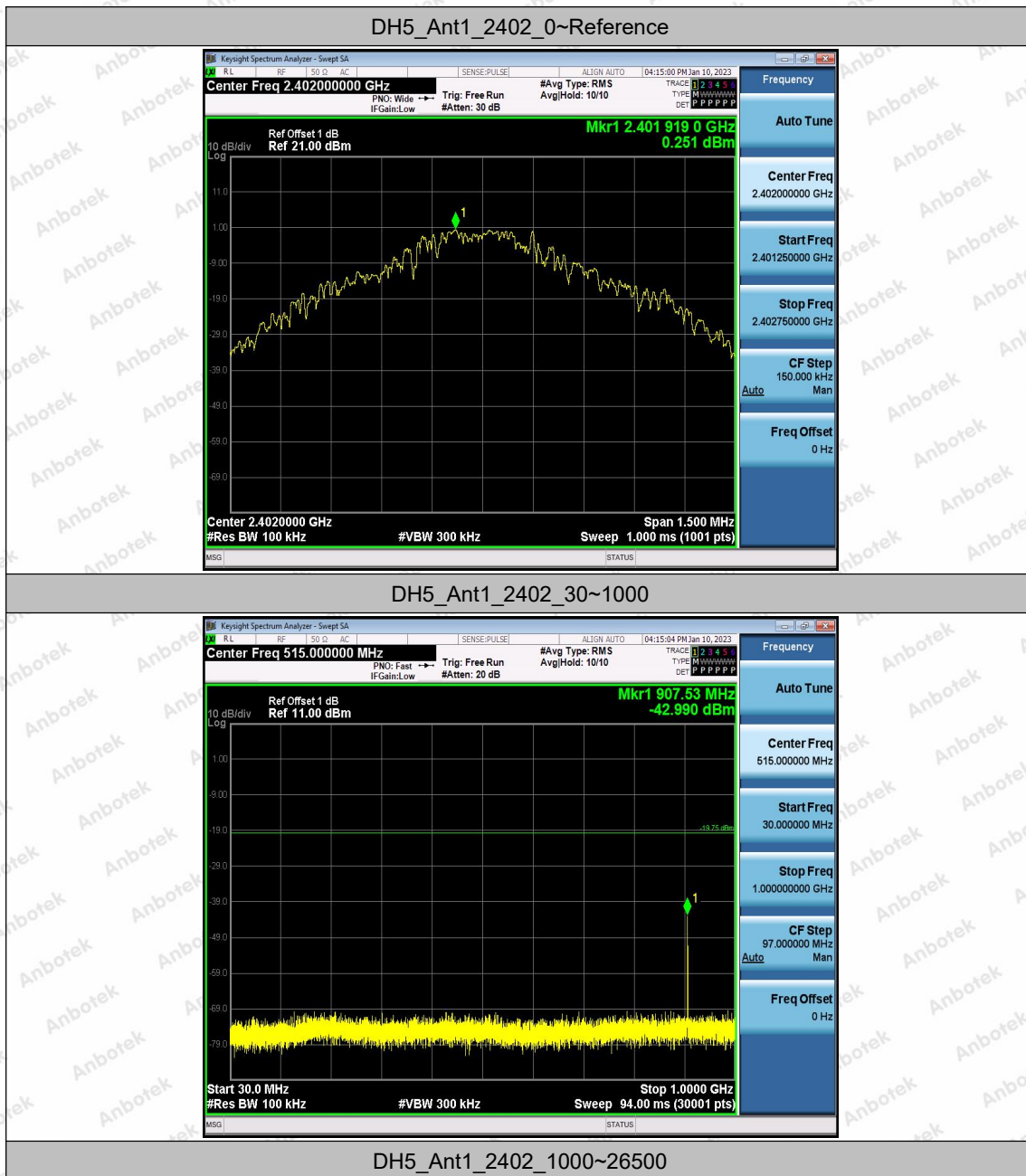
Appendix H: Conducted Spurious Emission

Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	Reference	0.25	0.25	---	PASS
			30~1000	0.25	-42.99	≤-19.75	PASS
			1000~26500	0.25	-53.38	≤-19.75	PASS
		2441	Reference	-0.12	-0.12	---	PASS
			30~1000	-0.12	-69.14	≤-20.12	PASS
			1000~26500	-0.12	-53.45	≤-20.12	PASS
		2480	Reference	-0.28	-0.28	---	PASS
			30~1000	-0.28	-69.2	≤-20.28	PASS
			1000~26500	-0.28	-53.64	≤-20.28	PASS



Test Graphs



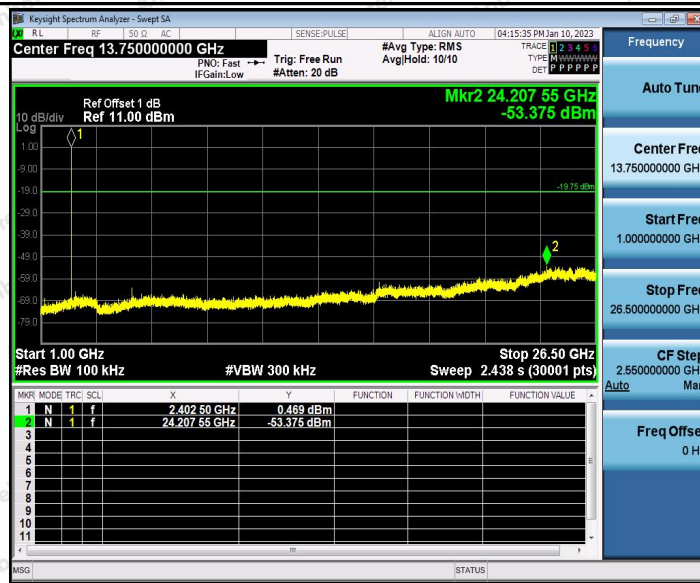
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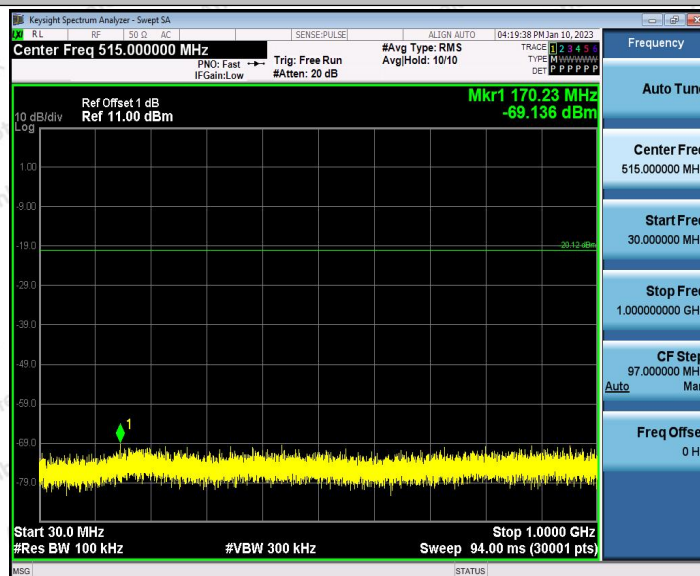




DH5_Ant1_2441_0~Reference



DH5_Ant1_2441_30~1000



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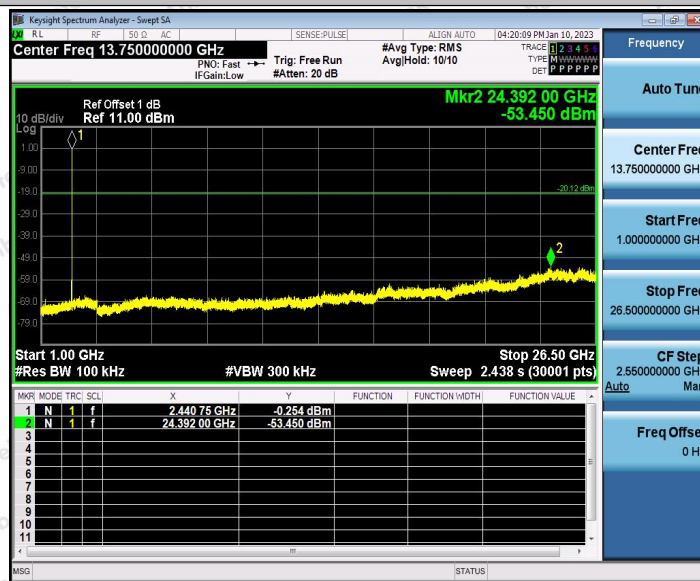
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DH5_Ant1_2441_1000~26500



DH5_Ant1_2480_0~Reference



DH5_Ant1_2480_30~1000

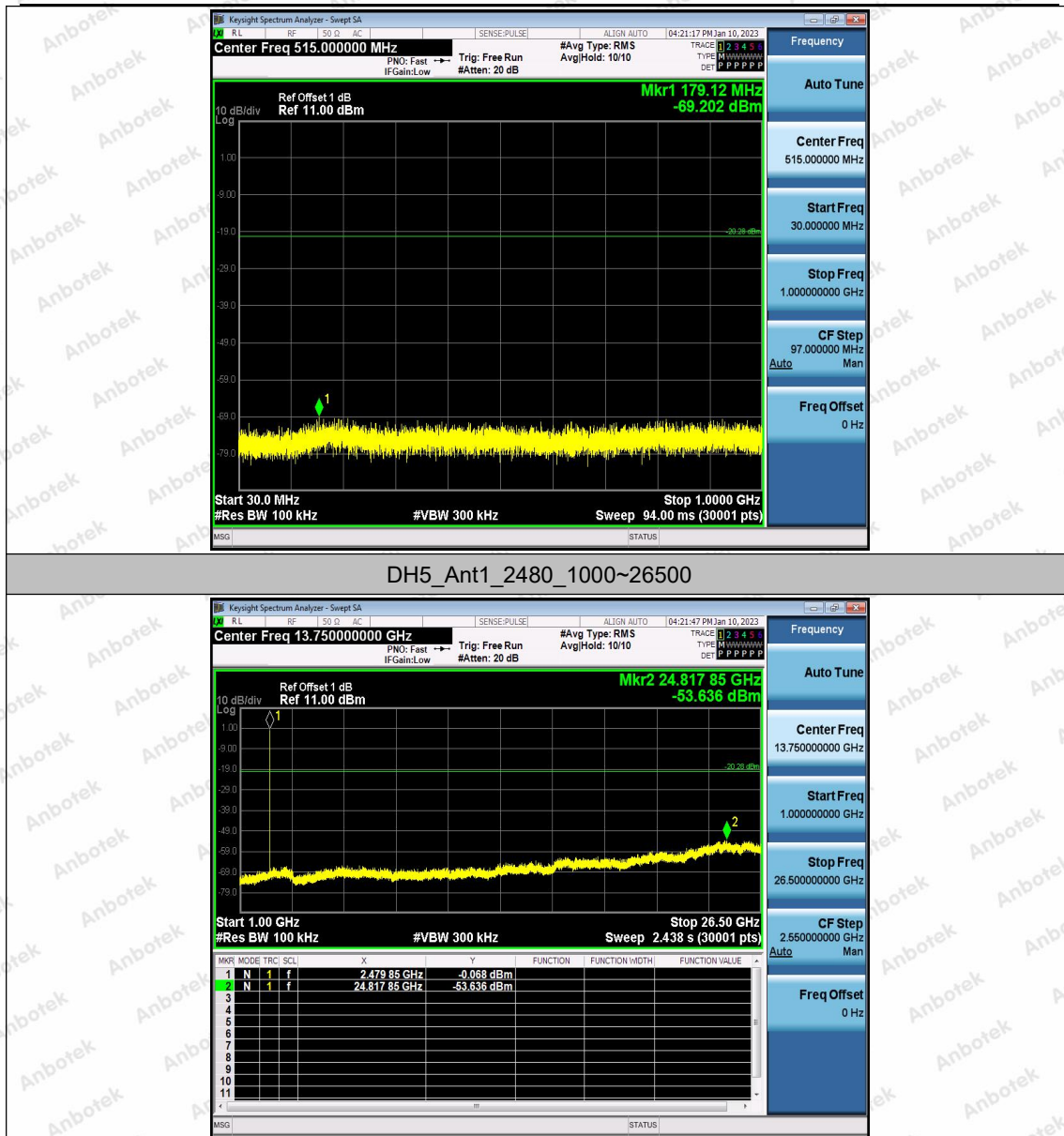
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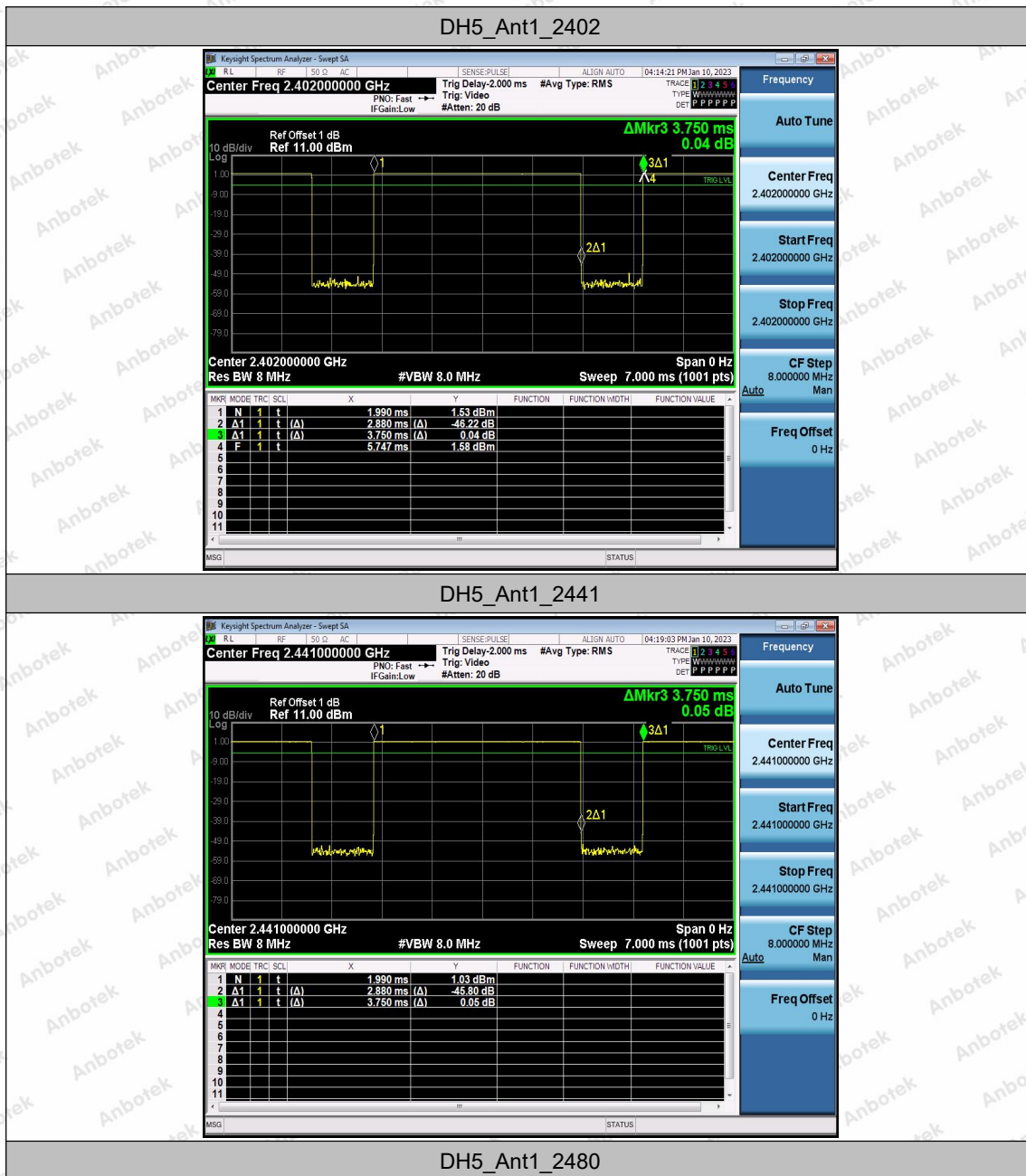
Appendix I: Duty Cycle

Test Result

Test Mode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
DH5	Ant1	2402	2.88	3.75	76.80	1.15
		2441	2.88	3.75	76.80	1.15
		2480	2.88	3.75	76.80	1.15



Test Graphs



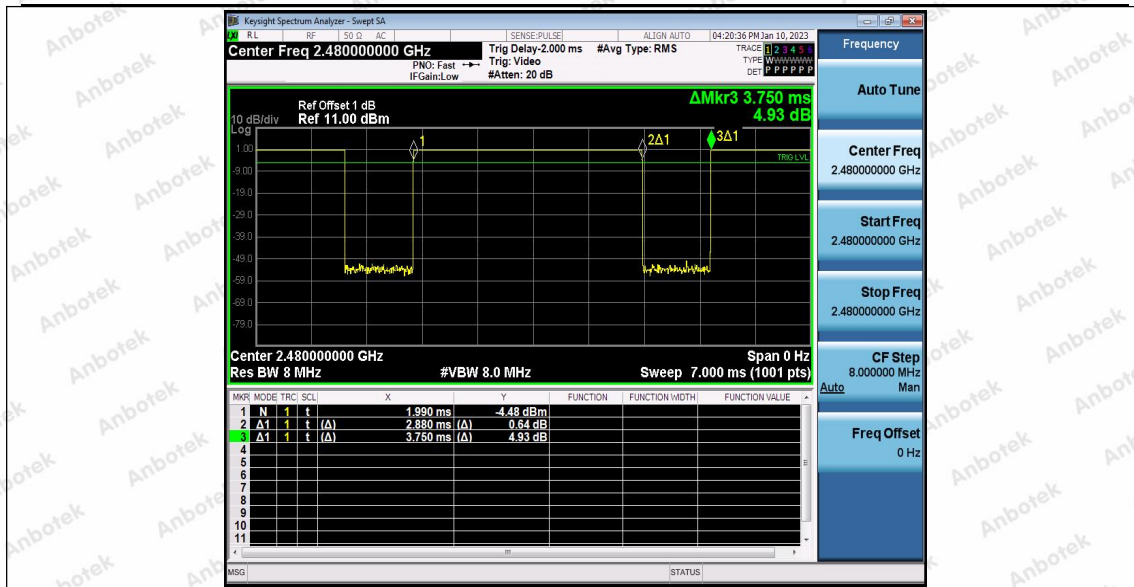
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