

Appendix Test Data

Report No.:	18220WC20019301	Test Sample No.:	1-2-2
Start Test Date:	2022.2.16	Finish Test Date:	2022.3.1
Test Engineer:	<i>Jony.He</i>	Auditor:	<i>Edward.Pan</i>
Temperature:	24.3℃	Relative Humidity:	55 %
Pressure:	1012 hPa		

Appendix A: 20dB Emission Bandwidth

Test Result

TestMode	Antenna	Channel	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.939	2401.538	2402.477	---	PASS
		2441	0.942	2440.538	2441.480	---	PASS
		2480	0.945	2479.538	2480.483	---	PASS

Test Graphs



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Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.88871	2401.55 5	2402.444	---	PASS
		2441	0.89445	2440.55 4	2441.448	---	PASS
		2480	0.89138	2479.55 6	2480.447	---	PASS

Test Graphs

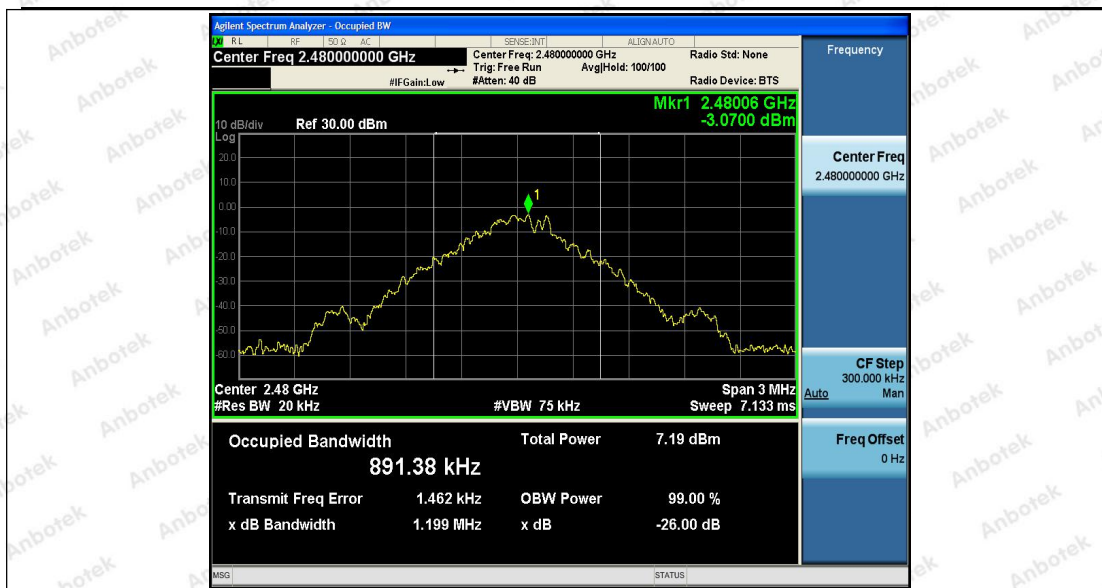


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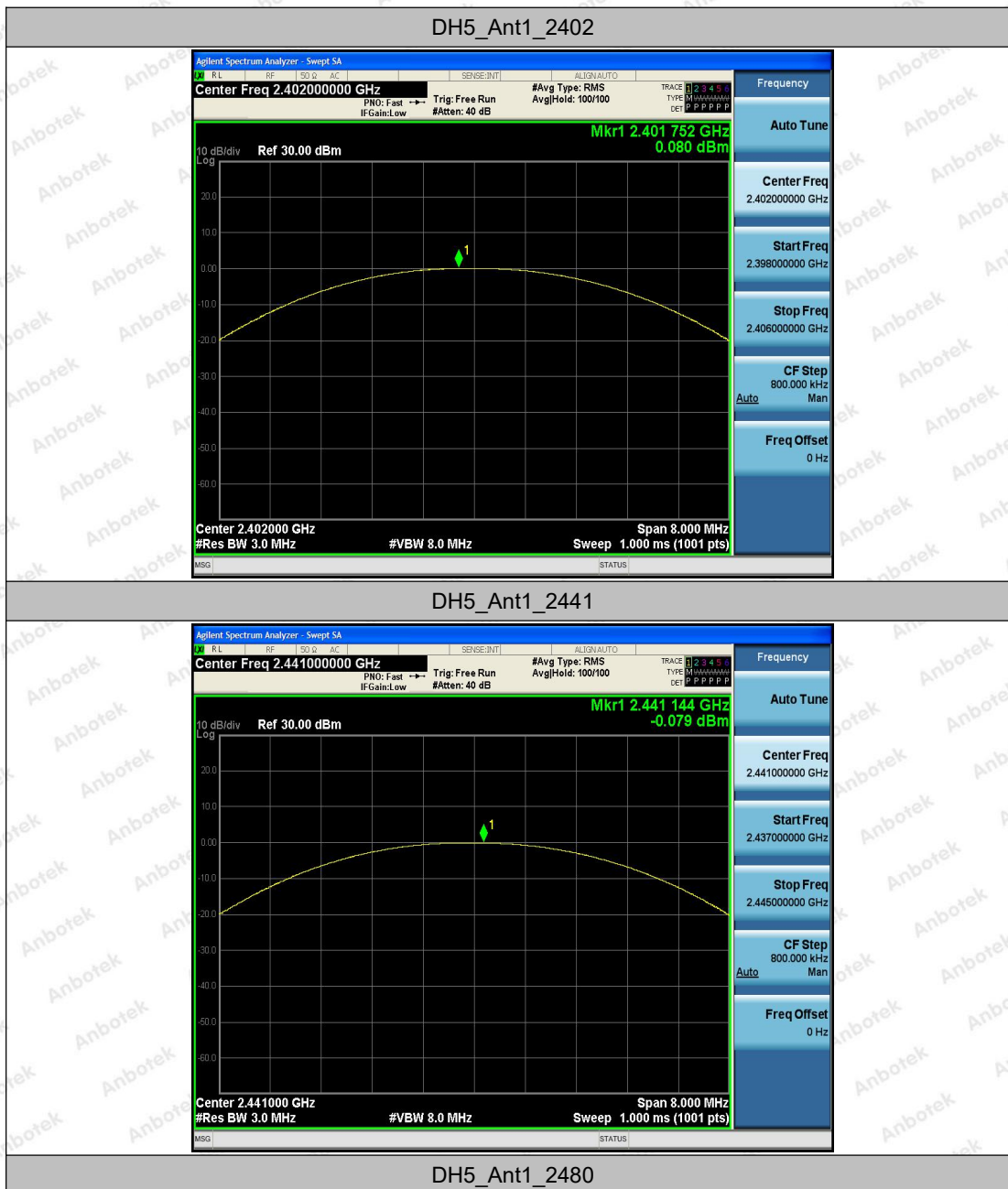
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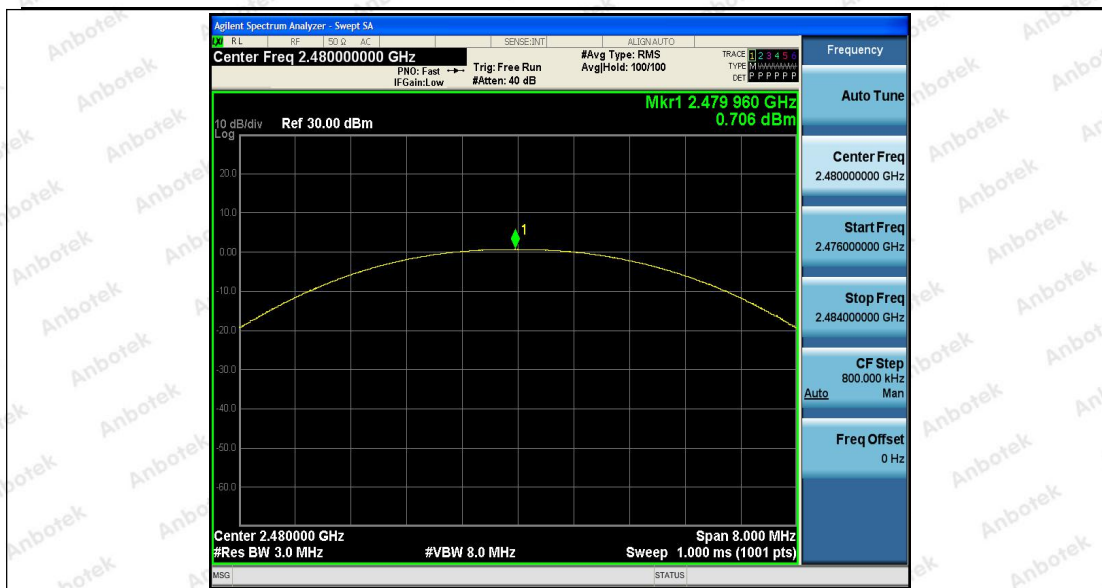
Appendix C: Maximum conducted output power

Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
DH5	Ant1	2402	0.08	≤20.97	PASS
		2441	-0.08	≤20.97	PASS
		2480	0.71	≤20.97	PASS

Test Graphs





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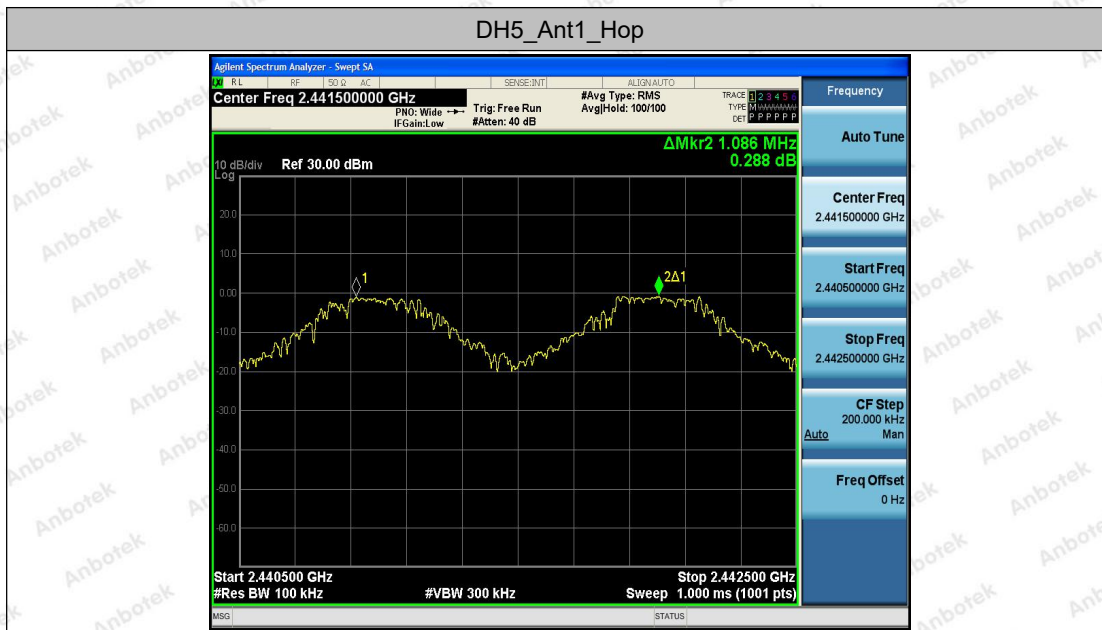
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Appendix D: Carrier frequency separation

Test Result

TestMode	Antenna	Channel	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.086	≥0.945	PASS

Test Graphs



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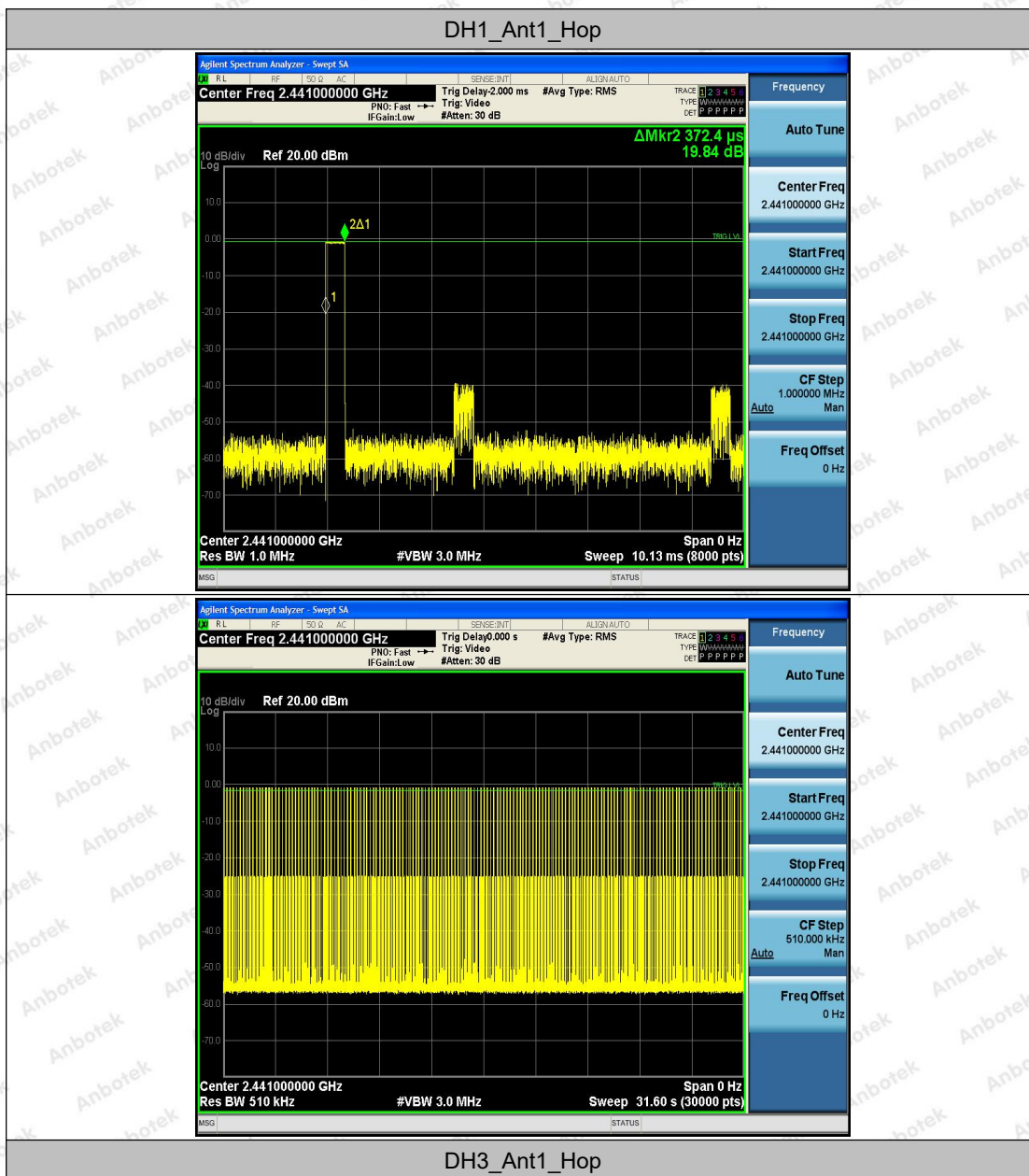
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Appendix E: Time of occupancy

Test Result

TestMode	Antenna	Channel	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.37	313	0.117	≤0.4	PASS
DH3	Ant1	Hop	1.63	156	0.254	≤0.4	PASS
DH5	Ant1	Hop	2.88	98	0.282	≤0.4	PASS

Test Graphs

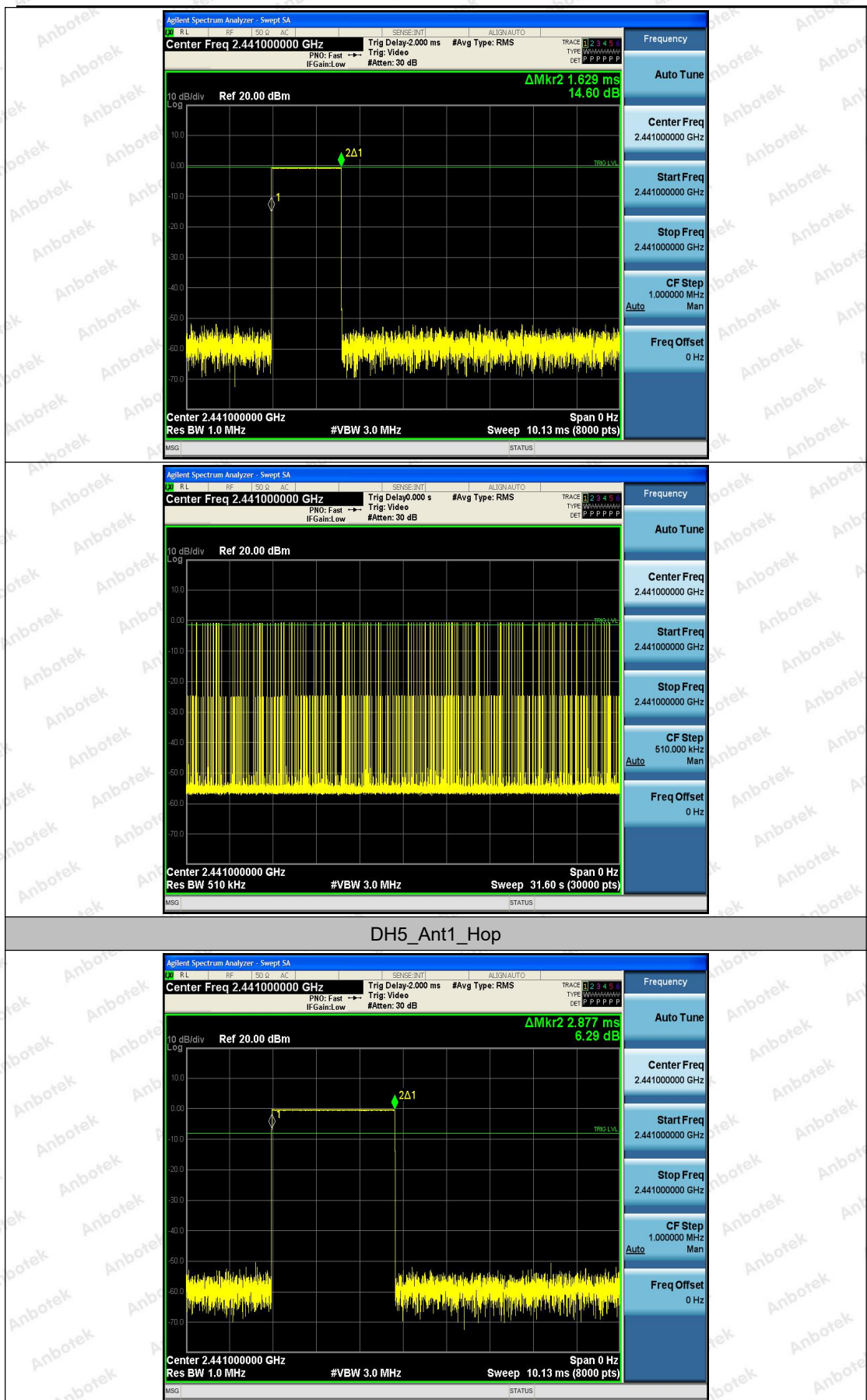


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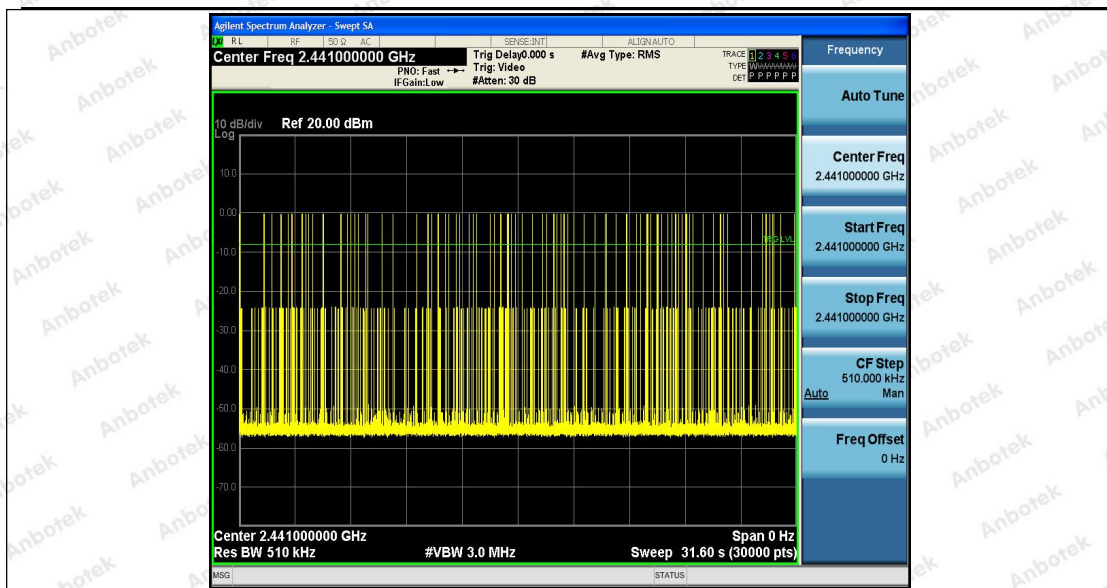


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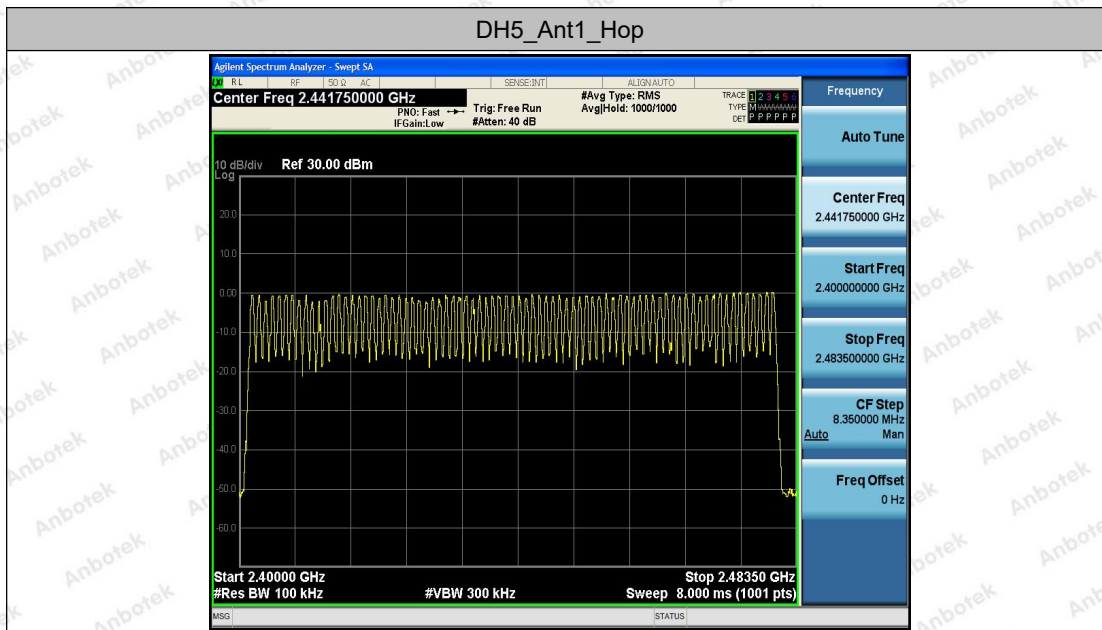
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Appendix F: Number of hopping channels

Test Result

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

Test Graphs



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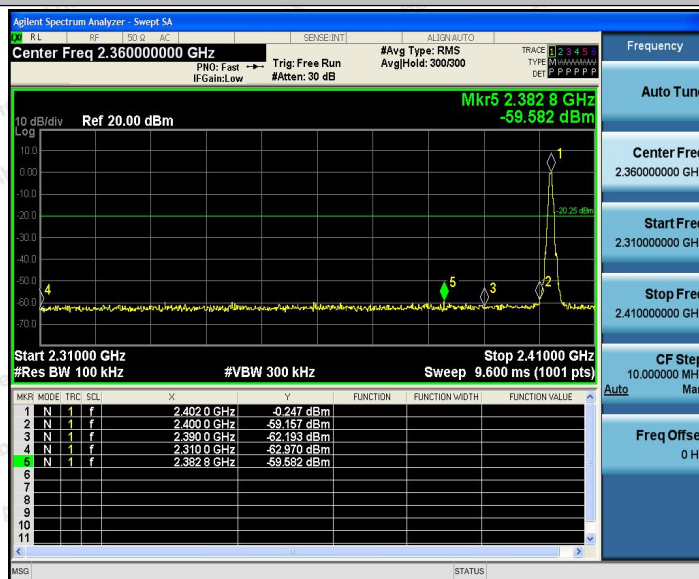
Appendix G: Band edge measurements

Test Result

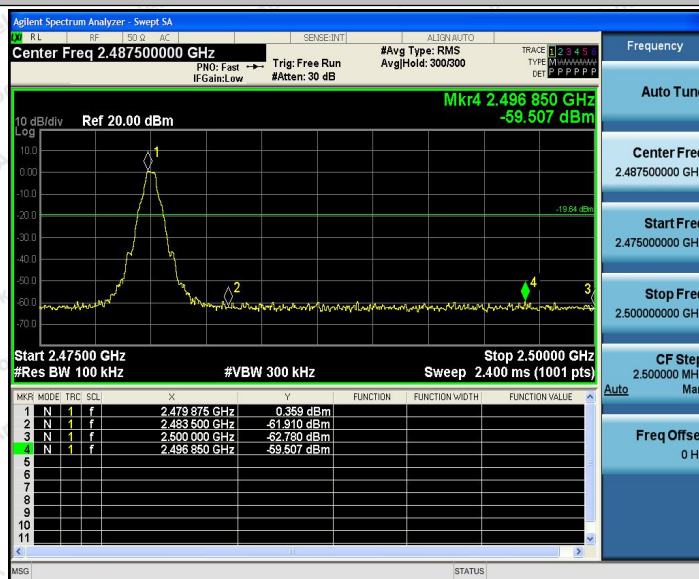
TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-0.25	-59.58	≤-20.25	PASS
		High	2480	0.36	-59.51	≤-19.64	PASS
		Low	Hop	-0.55	-59.85	≤-20.55	PASS
		High	Hop	0.34	-61.51	≤-19.66	PASS

Test Graphs

DH5_Ant1_Low_2402



DH5_Ant1_High_2480



DH5_Ant1_Low_Hop

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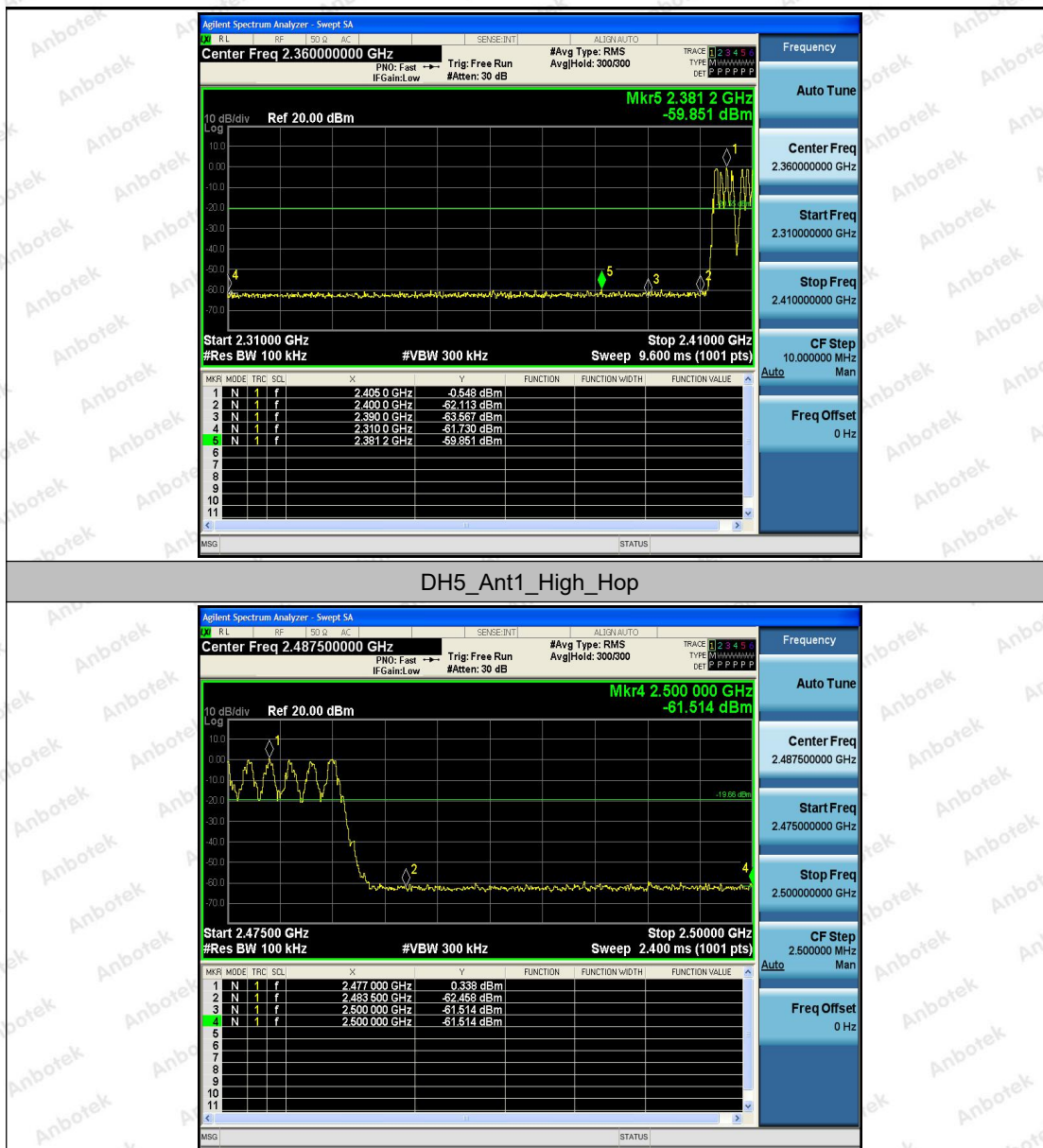
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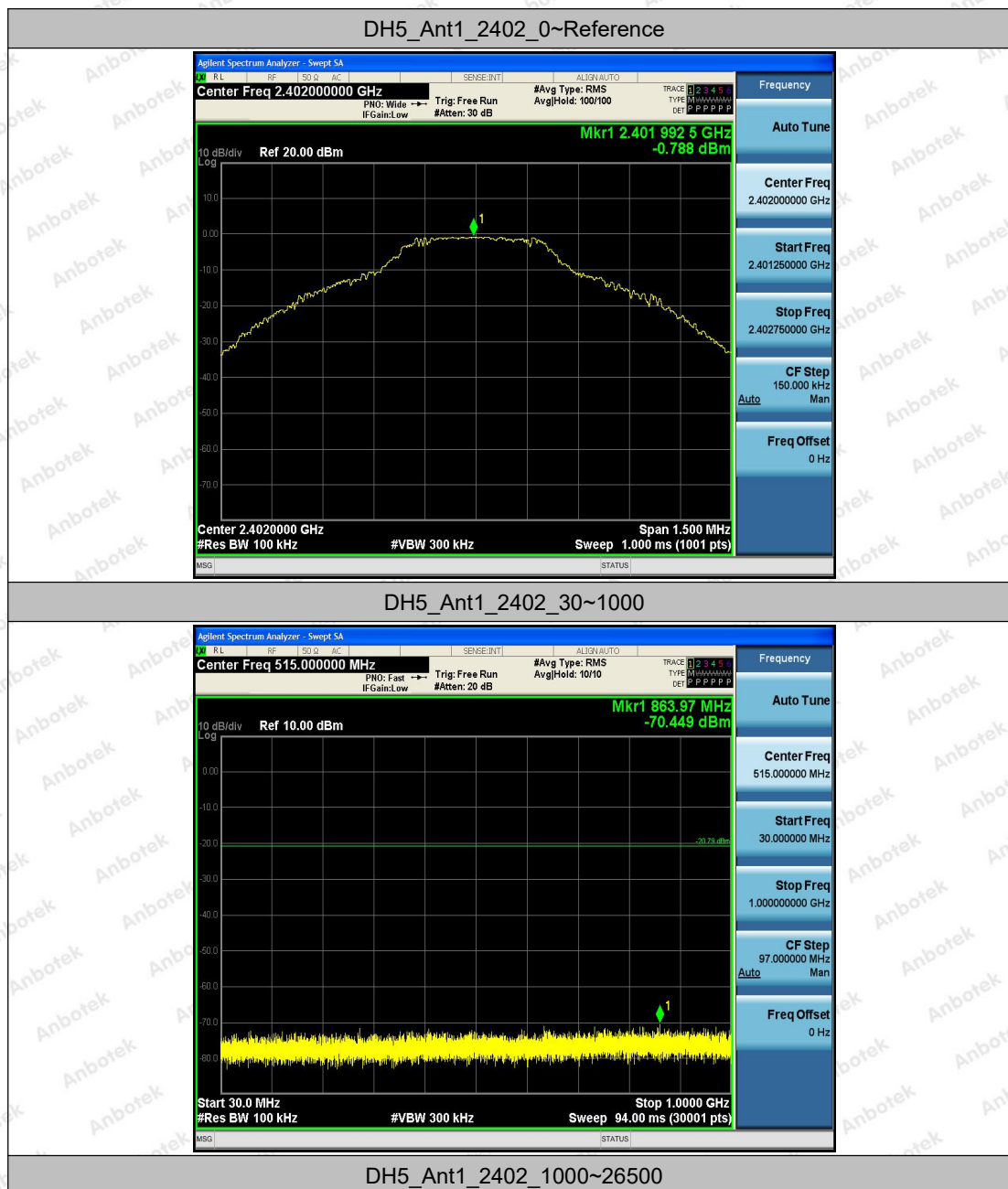
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Appendix H: Conducted Spurious Emission

Test Result

TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	Reference	-0.79	-0.79	---	PASS
			30~1000	-0.79	-70.45	≤-20.79	PASS
			1000~26500	-0.79	-55.71	≤-20.79	PASS
		2441	Reference	-0.81	-0.81	---	PASS
			30~1000	-0.81	-70.29	≤-20.81	PASS
			1000~26500	-0.81	-55.61	≤-20.81	PASS
		2480	Reference	-0.09	-0.09	---	PASS
			30~1000	-0.09	-69.89	≤-20.09	PASS
			1000~26500	-0.09	-56.1	≤-20.09	PASS
			30~1000	-1.19	-70.26	≤-21.19	PASS
			1000~26500	-1.19	-55.93	≤-21.19	PASS

Test Graphs



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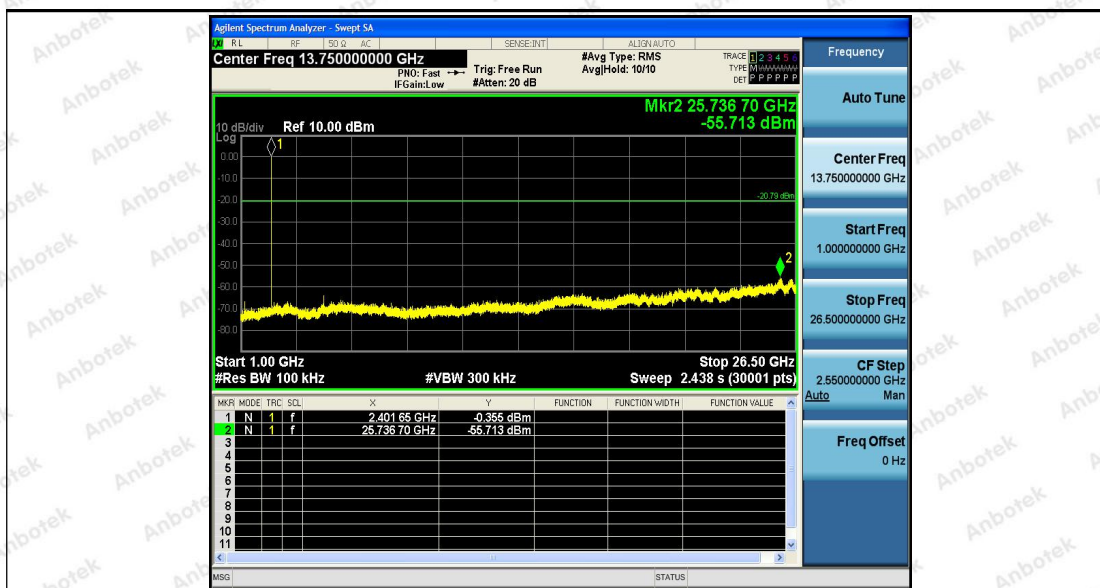
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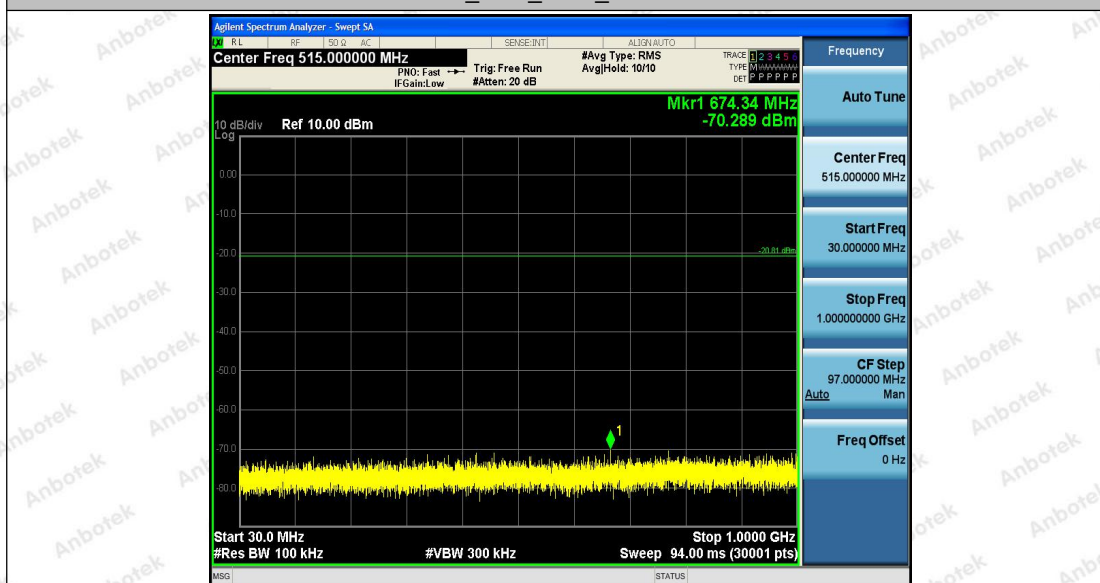
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DH5_Ant1_2441_0~Reference



DH5_Ant1_2441_30~1000

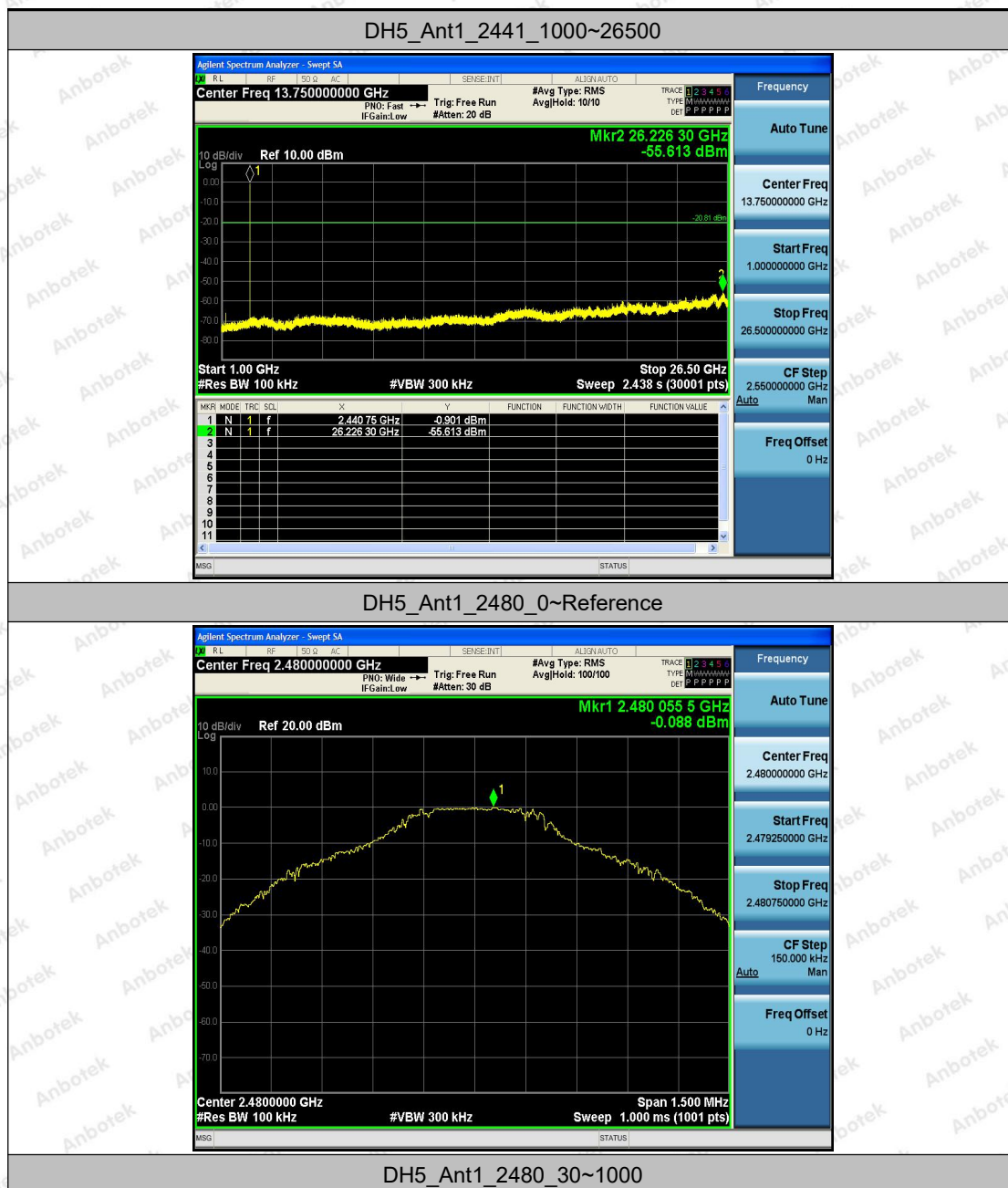


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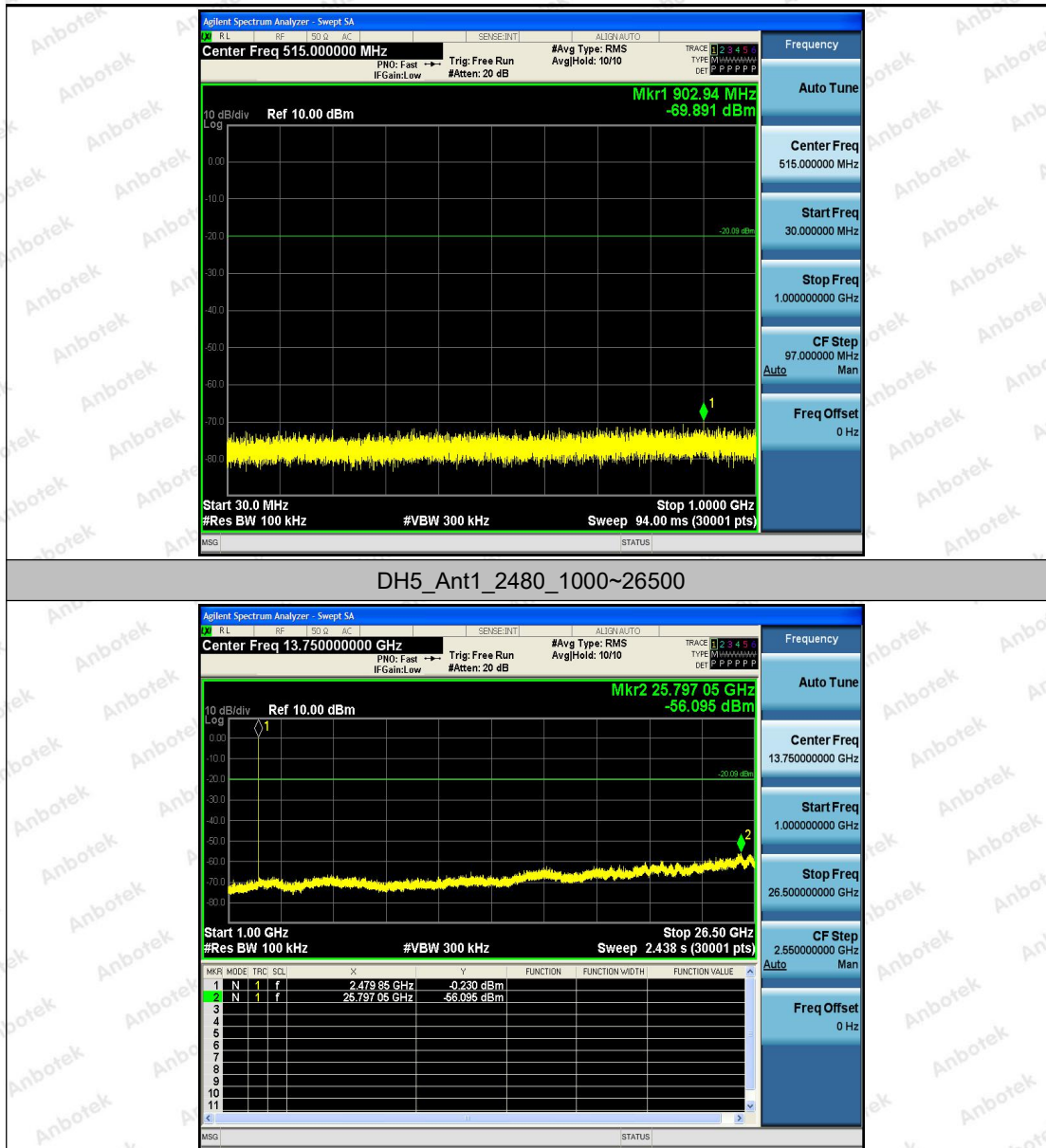


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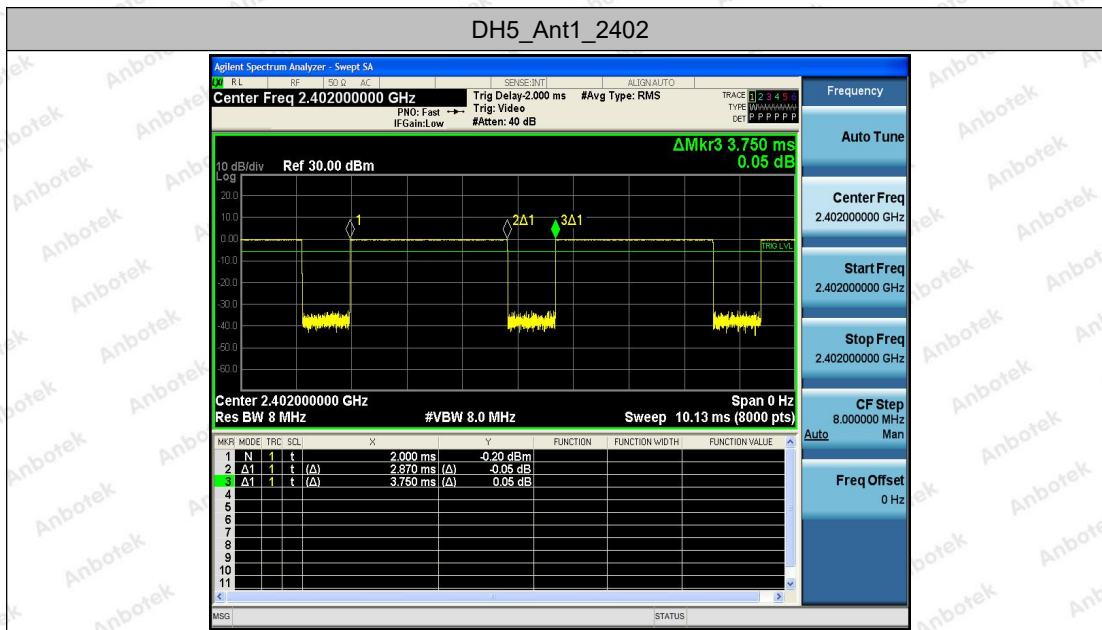
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Appendix I: Duty Cycle

Test Result

TestMode	Antenna	Channel	ON Time [ms]	Period [ms]	X	DC [%]	xFactor	Limit	Verdict
DH5	Ant1	2402	2.87	3.75	0.765 3	76.53	1.16	---	PASS

Test Graphs



---End---