

Appendix Test Data

Report No.:	18220WC20130901	Test Sample No.:	1-2-2
Start Test Date:	2022.6.20	Finish Test Date:	2022.6.25
Test Engineer:	<i>Jony.He</i>	Auditor:	<i>Edward.Pan</i>
Temperature:	23.9℃	Relative Humidity:	53.4 %
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	1.059	2401.430	2402.489	---	PASS
		2441	0.993	2440.493	2441.486	---	PASS
		2480	0.960	2479.526	2480.486	---	PASS

Test Graphs

DH5_Ant1_2402



DH5_Ant1_2441



DH5_Ant1_2480

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Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.

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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	1.0038	2401.46 0	2402.463	---	PASS
		2441	0.98196	2440.48 3	2441.465	---	PASS
		2480	0.95662	2479.50 3	2480.460	---	PASS

Test Graphs



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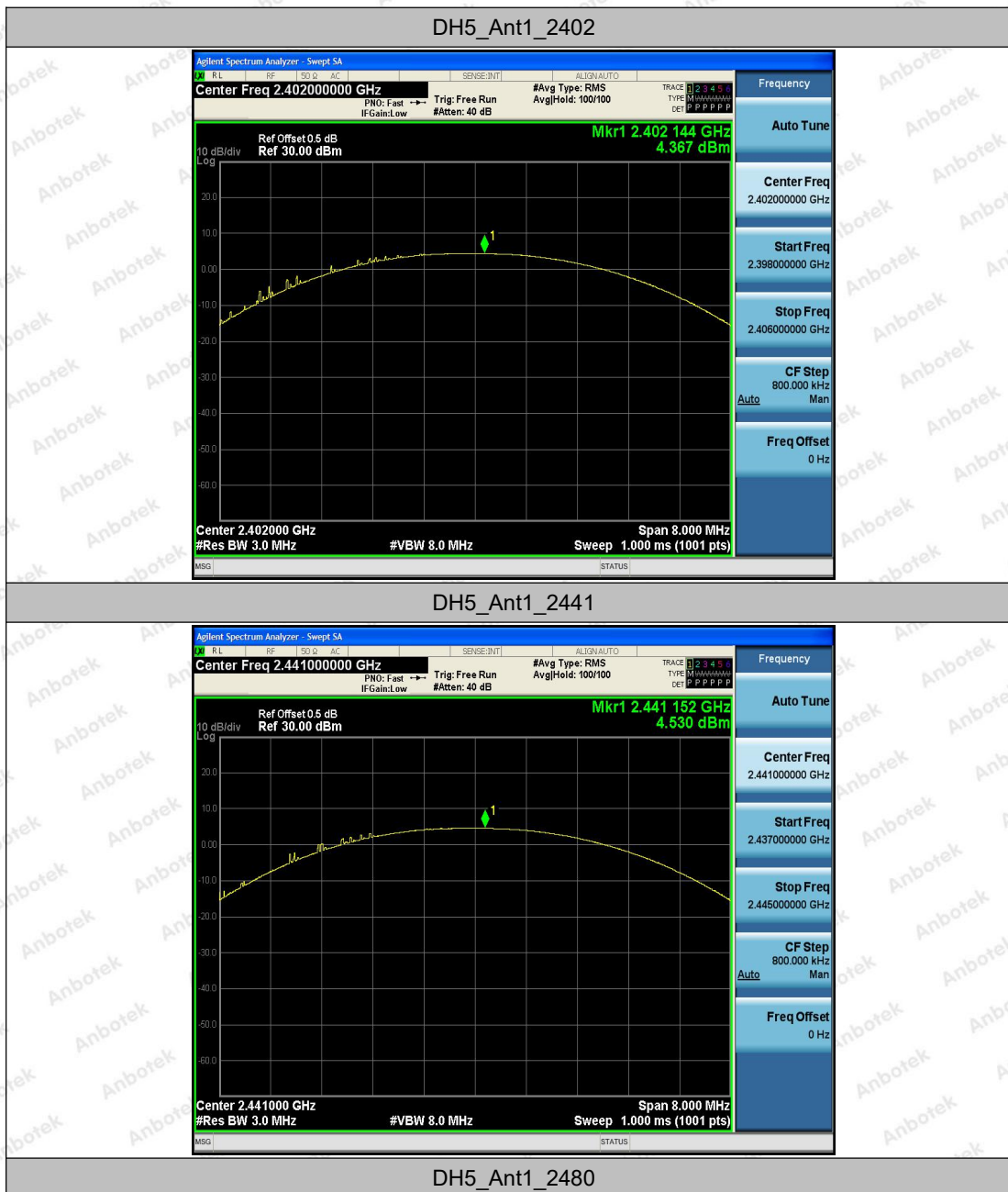
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Appendix C: Maximum conducted output power

Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
DH5	Ant1	2402	4.37	≤20.97	PASS
		2441	4.53	≤20.97	PASS
		2480	4.42	≤20.97	PASS

Test Graphs





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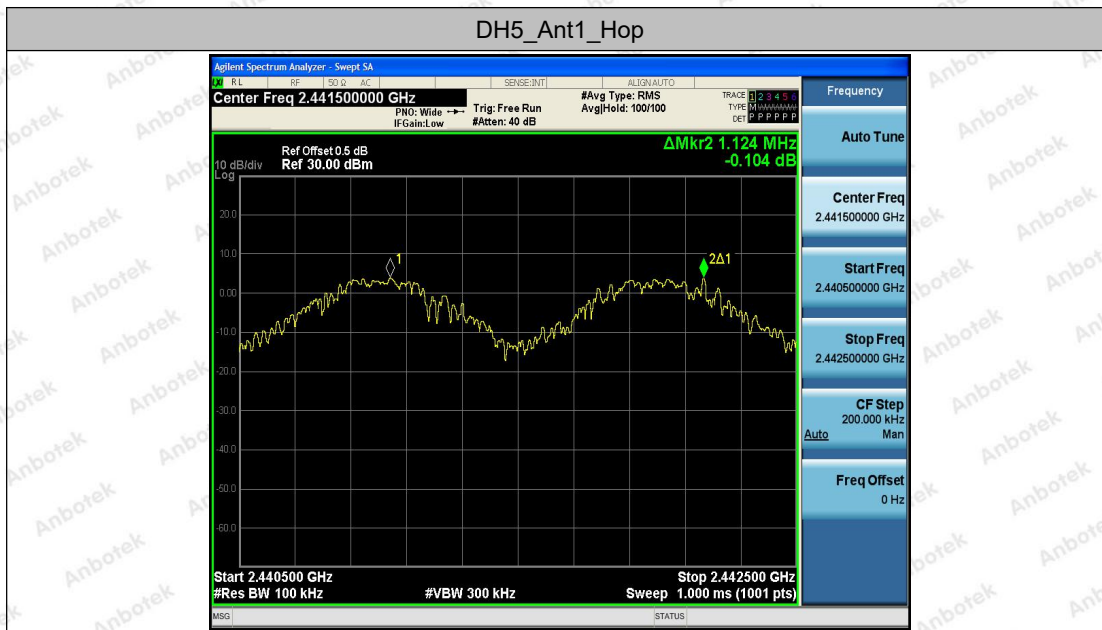
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Appendix D: Carrier frequency separation

Test Result

TestMode	Antenna	Channel	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.124	≥ 0.706	PASS

Test Graphs



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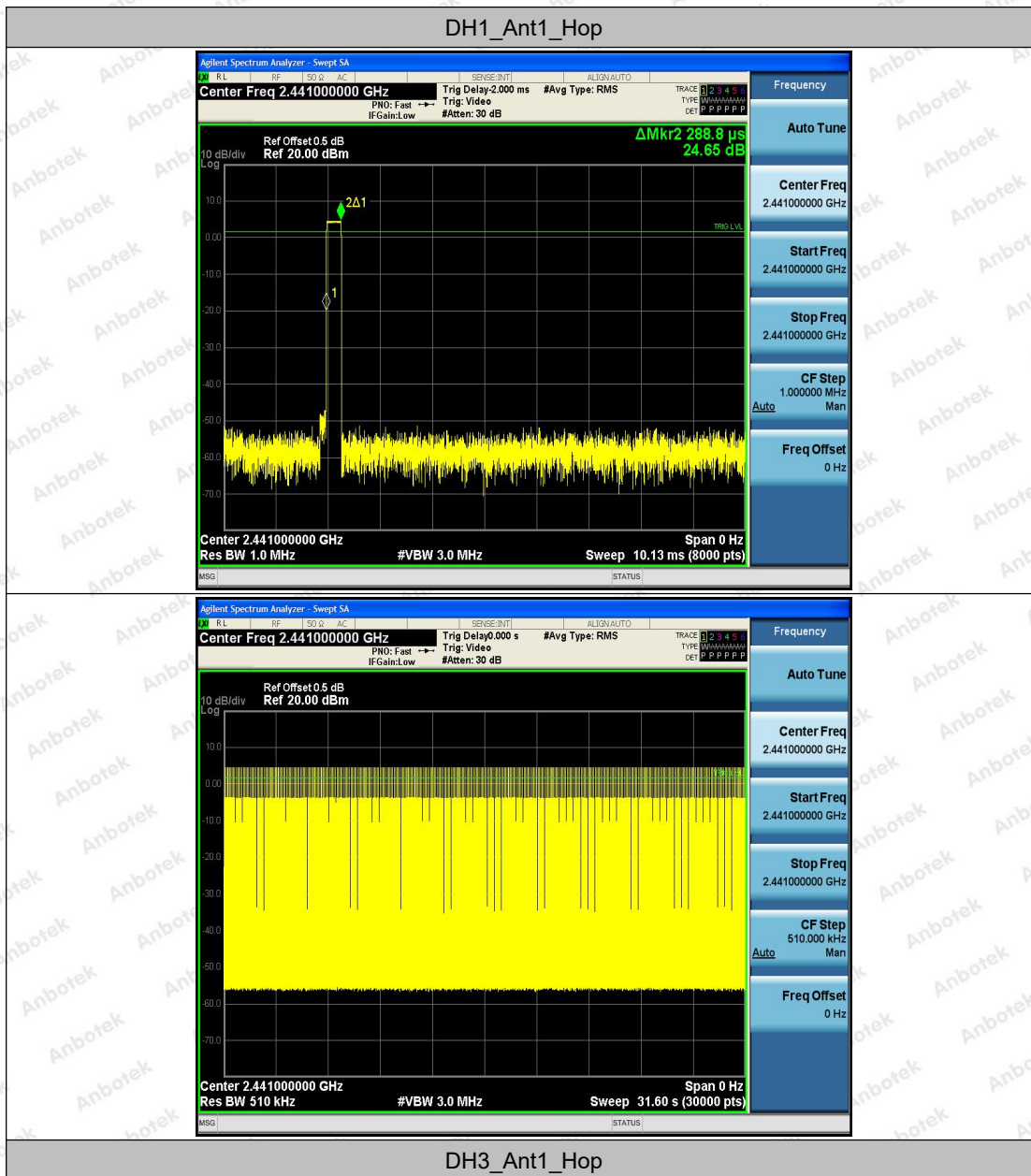
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Appendix E: Time of occupancy

Test Result

TestMode	Antenna	Channel	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.29	373	0.108	≤0.4	PASS
DH3	Ant1	Hop	1.52	172	0.261	≤0.4	PASS
DH5	Ant1	Hop	2.74	113	0.31	≤0.4	PASS

Test Graphs



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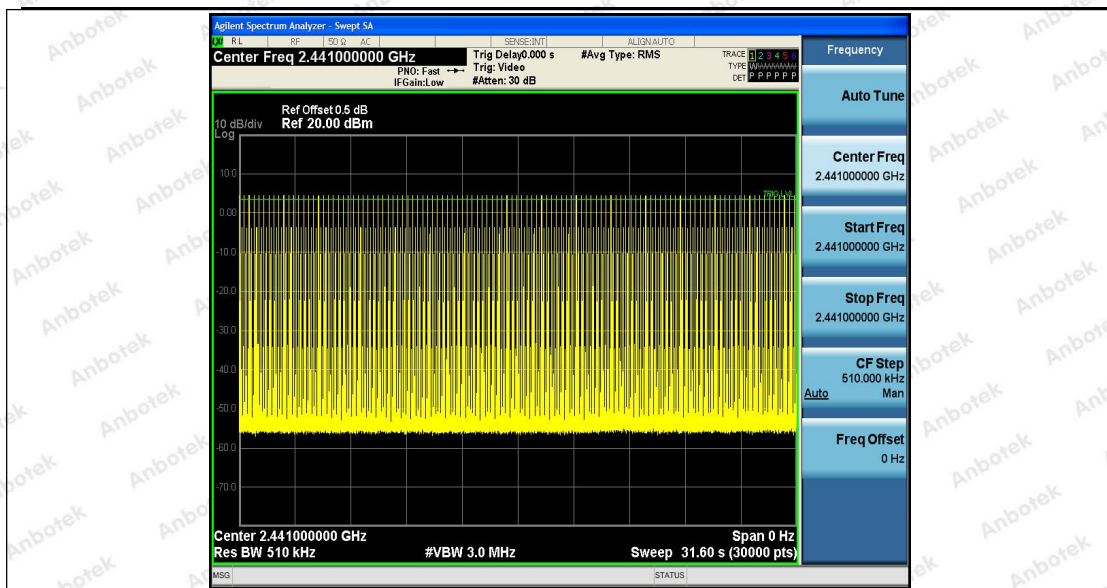
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DH5_Ant1_Hop



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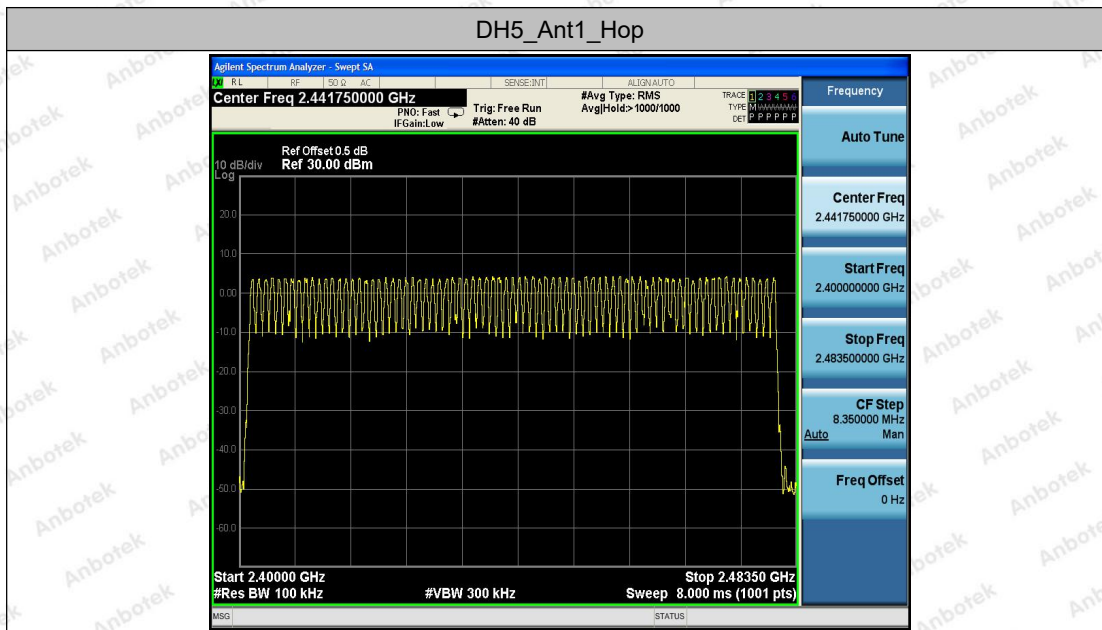
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Appendix F: Number of hopping channels

Test Result

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

Test Graphs



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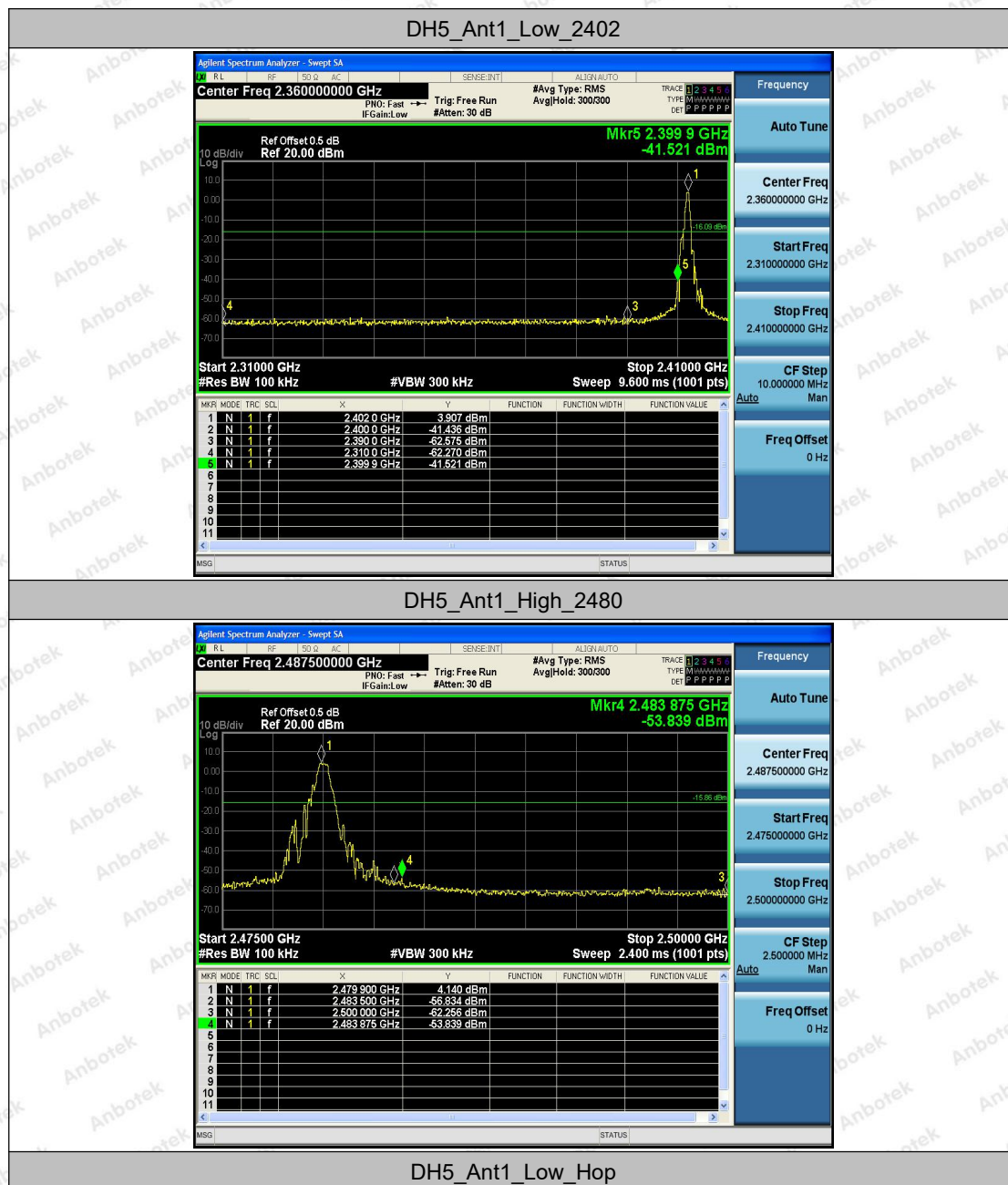
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Appendix G: Band edge measurements

Test Result

TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	3.91	-41.52	≤-16.09	PASS
		High	2480	4.14	-53.84	≤-15.86	PASS
		Low	Hop	3.72	-59.42	≤-16.28	PASS
		High	Hop	3.60	-61.95	≤-16.4	PASS

Test Graphs

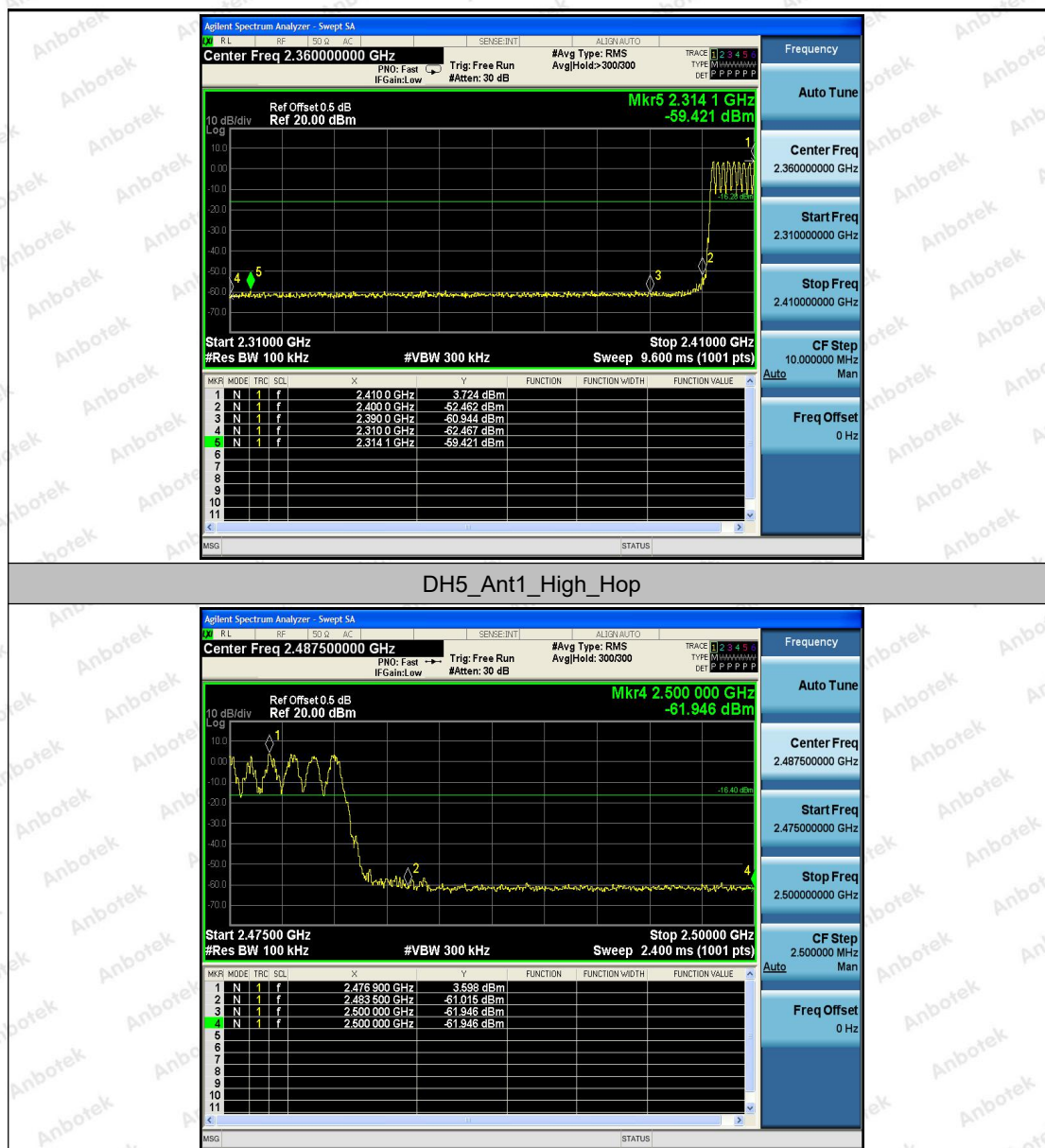


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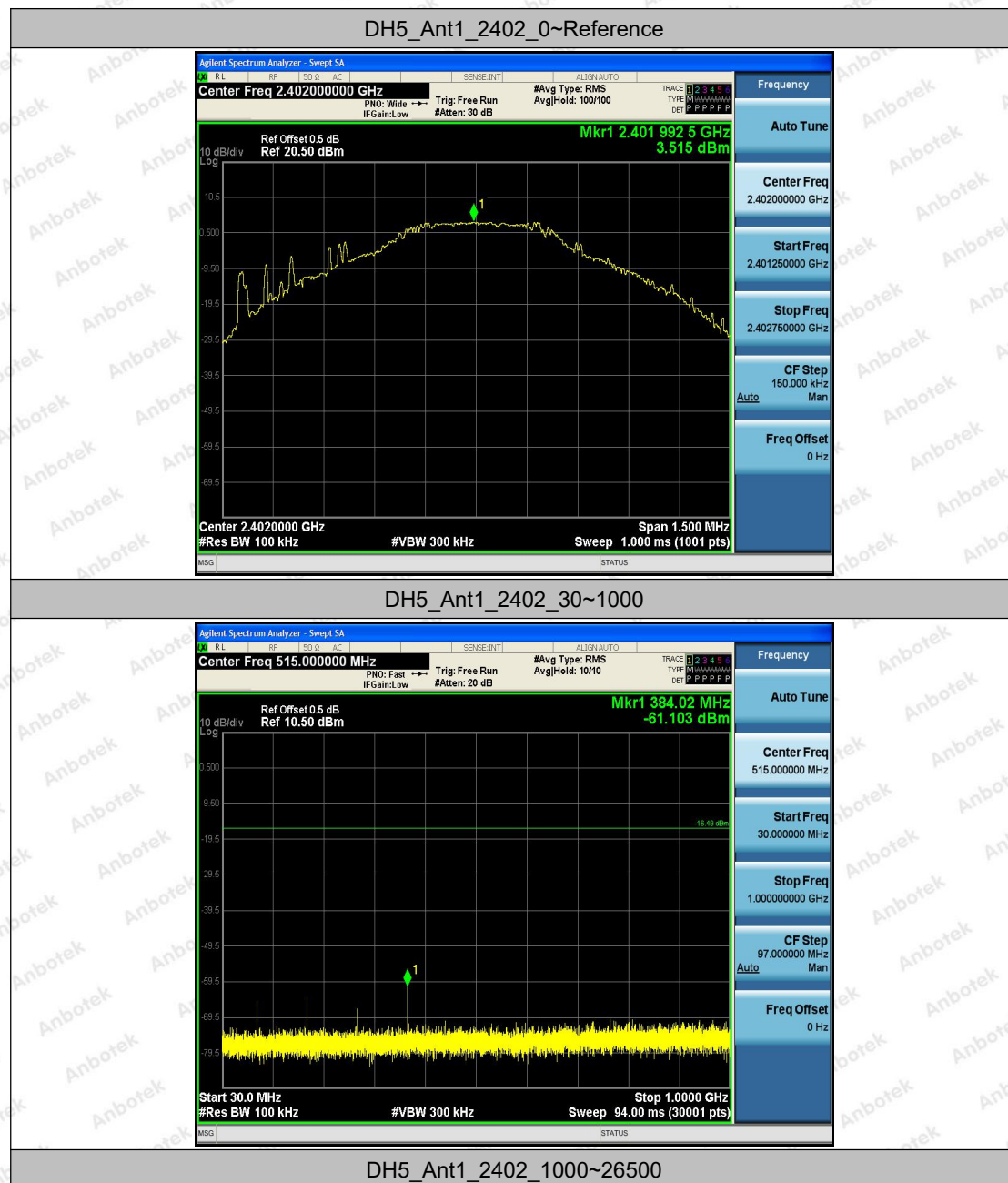
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Appendix H: Conducted Spurious Emission

Test Result

TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	Reference	3.52	3.52	---	PASS
			30~1000	3.52	-61.1	≤-16.49	PASS
			1000~26500	3.52	-42.67	≤-16.49	PASS
		2441	Reference	3.74	3.74	---	PASS
			30~1000	3.74	-61.51	≤-16.26	PASS
			1000~26500	3.74	-42.21	≤-16.26	PASS
		2480	Reference	3.66	3.66	---	PASS
			30~1000	3.66	-60.12	≤-16.34	PASS
			1000~26500	3.66	-39.05	≤-16.34	PASS

Test Graphs

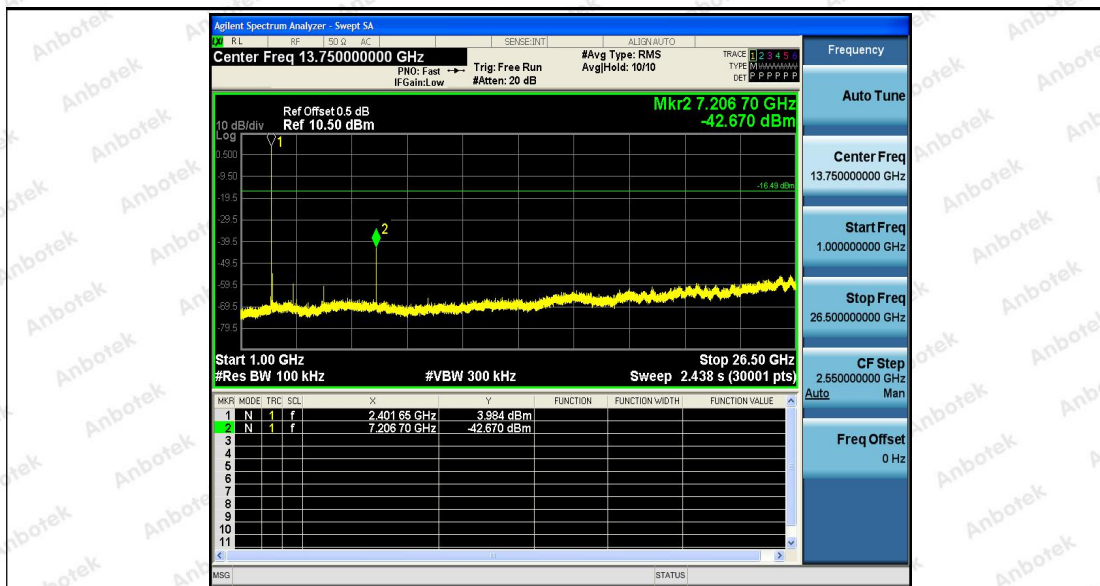


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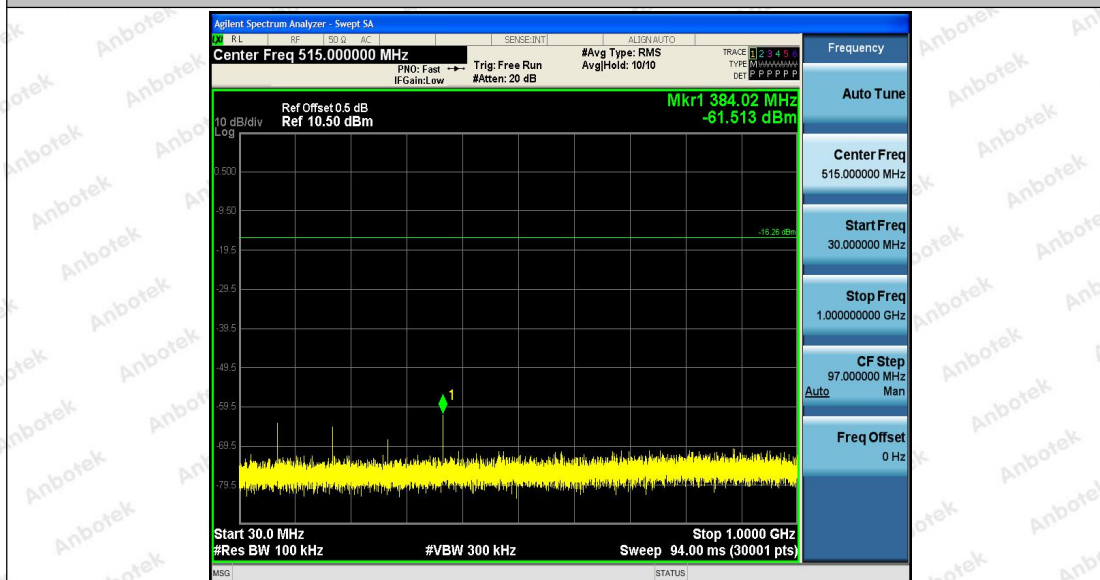
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DH5_Ant1_2441_0~Reference



DH5_Ant1_2441_30~1000

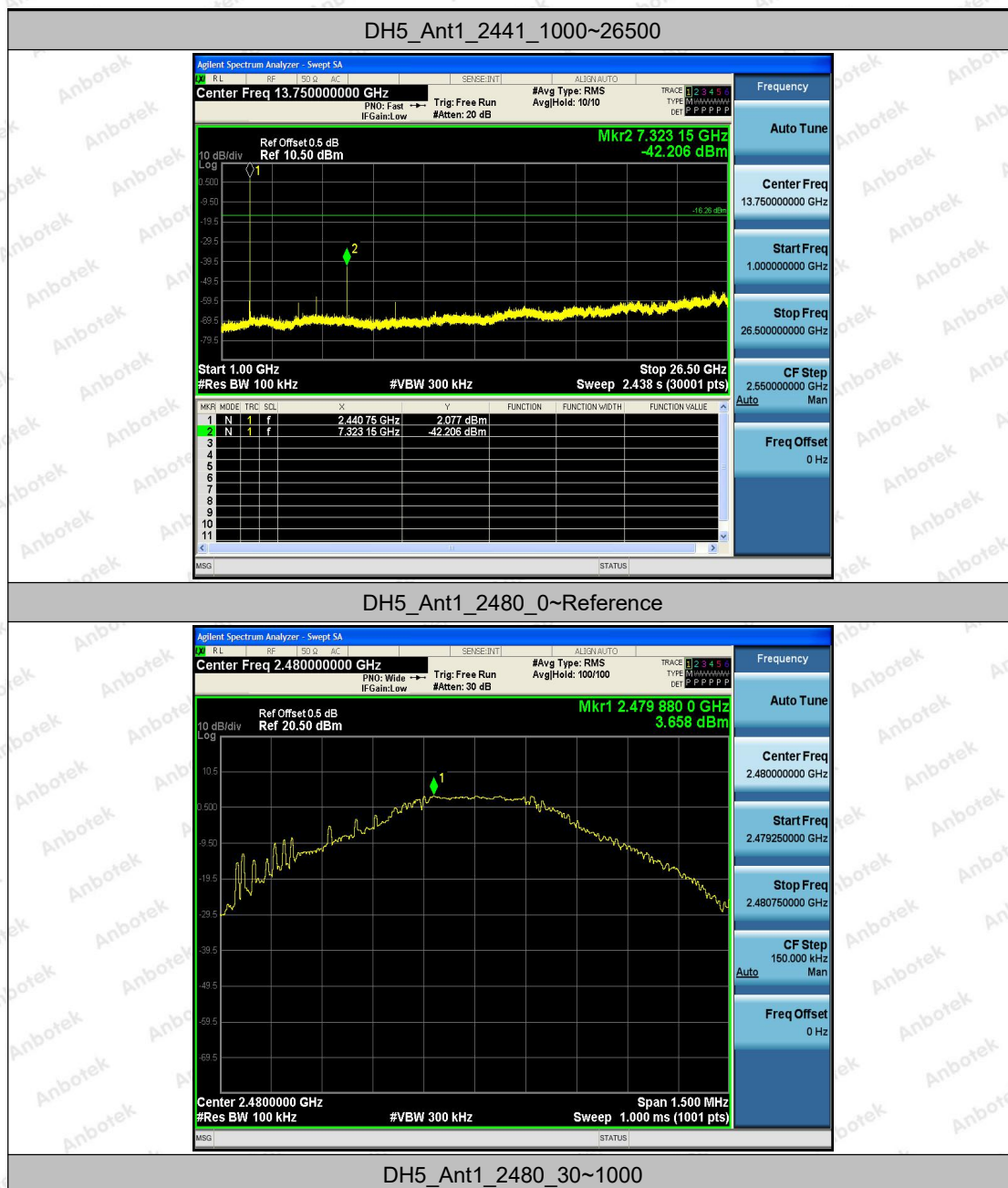


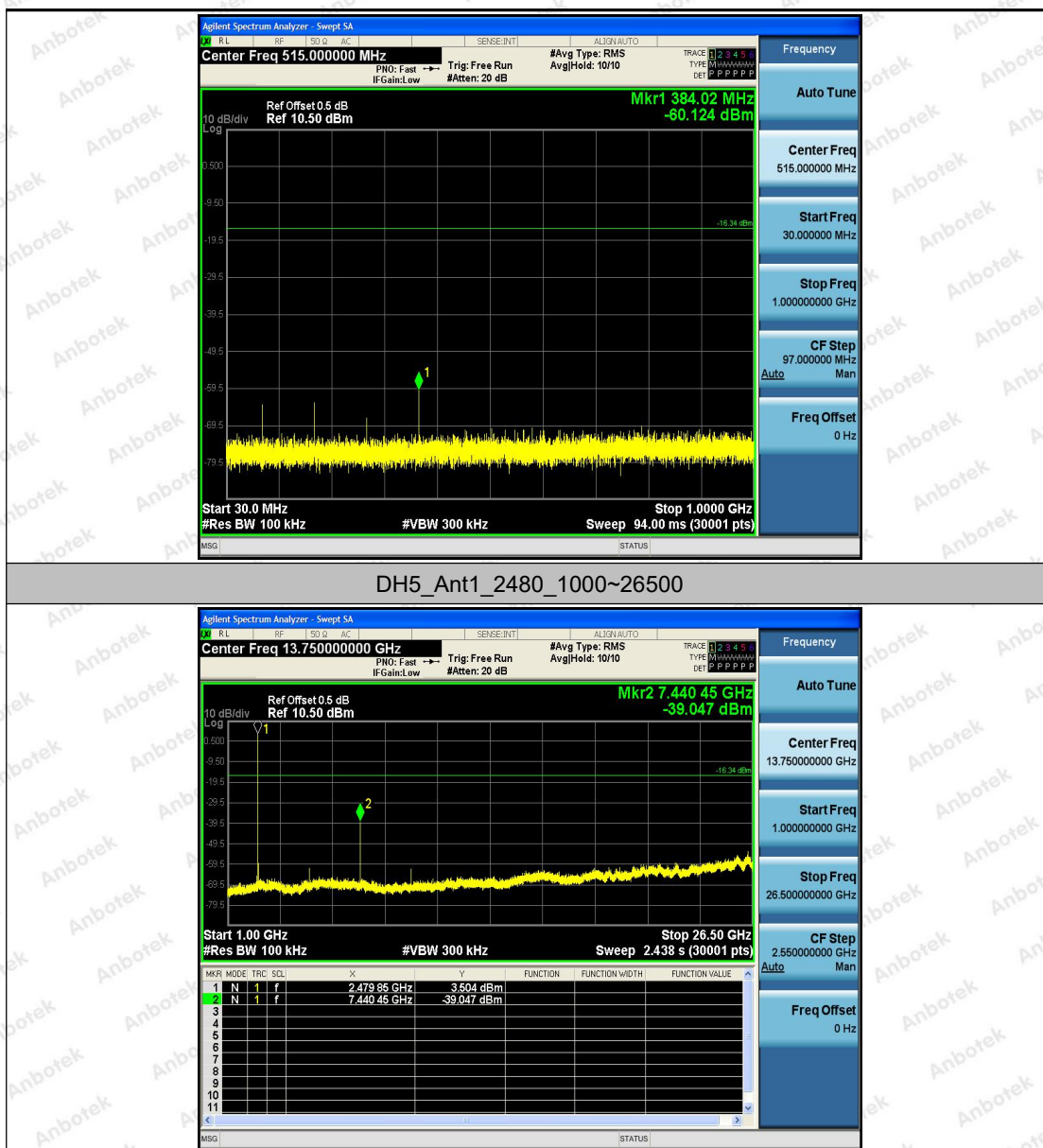
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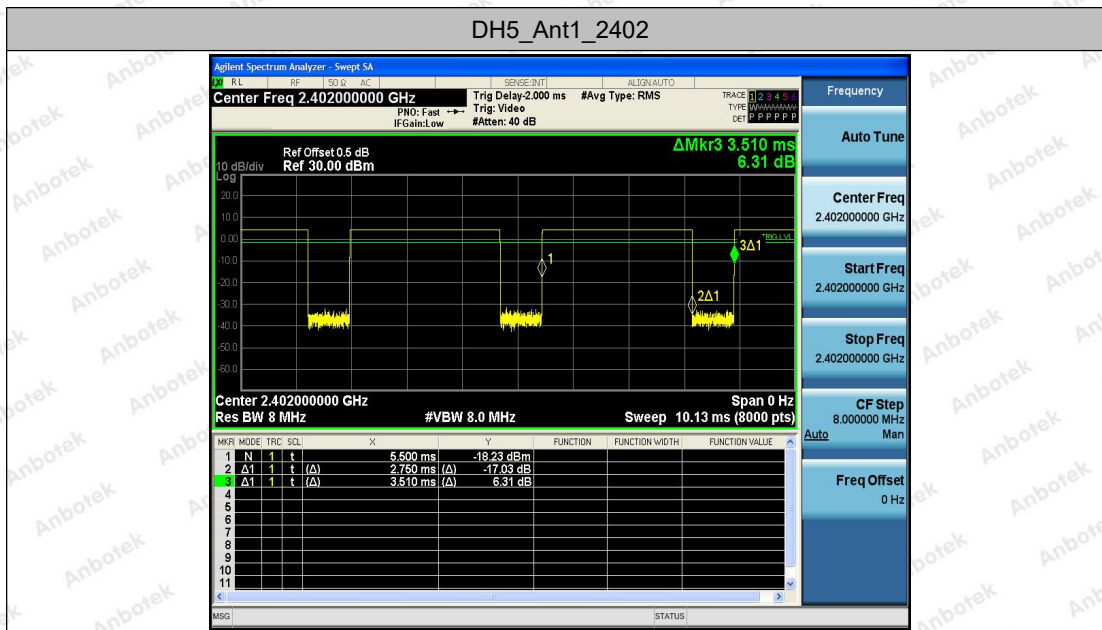
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Appendix I: Duty Cycle

Test Result

TestMode	Antenna	Channel	ON Time [ms]	Period [ms]	X	DC [%]	xFactor	Limit	Verdict
DH5	Ant1	2402	2.75	3.51	0.783 5	78.35	1.06	---	PASS

Test Graphs



---End---

