

Appendix Test Data

Report No.:	18220WC10289701	Test Sample No.:	1-2-2
Start Test Date:	2021.12.30	Finish Test Date:	2022.1.10
Test Engineer:	<i>Tony He</i>	Auditor:	<i>Edward Pan</i>
Temperature:	24.3°C	Relative Humidity:	57.1 %
Pressure:	1012 hPa		

Appendix A: 20dB Emission Bandwidth

Test Result

Test Mode	Antenna	Channel	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.939	2401.538	2402.477	---	PASS
		2441	0.951	2440.532	2441.483	---	PASS
		2480	0.945	2479.535	2480.480	---	PASS

Test Graphs

DH5_Ant1_2402



DH5_Ant1_2441



DH5_Ant1_2480

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Appendix B: Occupied Channel Bandwidth

Test Result

Test Mode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.89458	2401.548	2402.442	---	PASS
		2441	0.89478	2440.548	2441.442	---	PASS
		2480	0.89534	2479.550	2480.445	---	PASS

Test Graphs

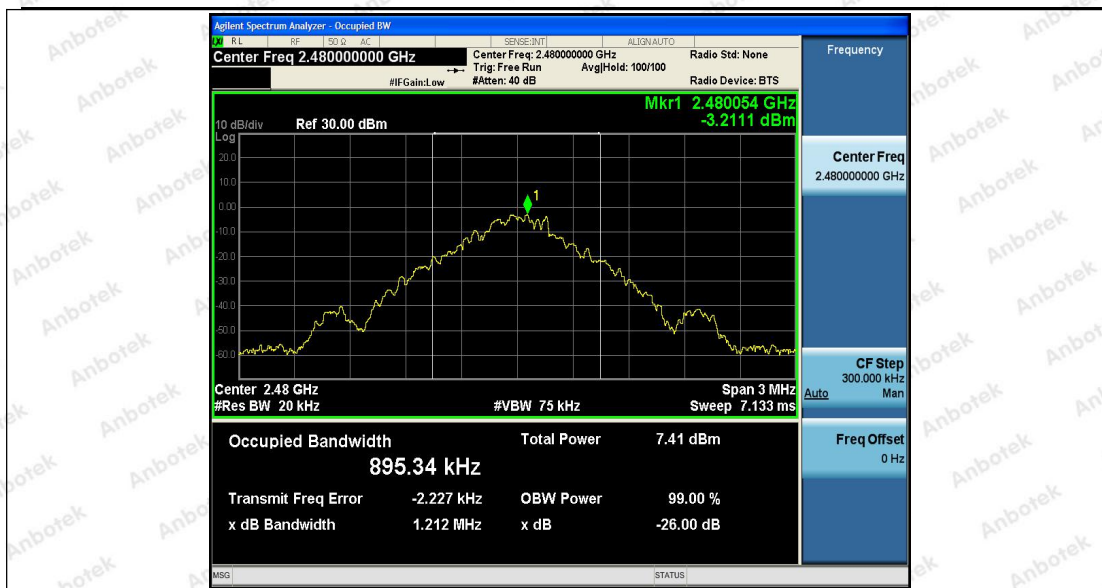


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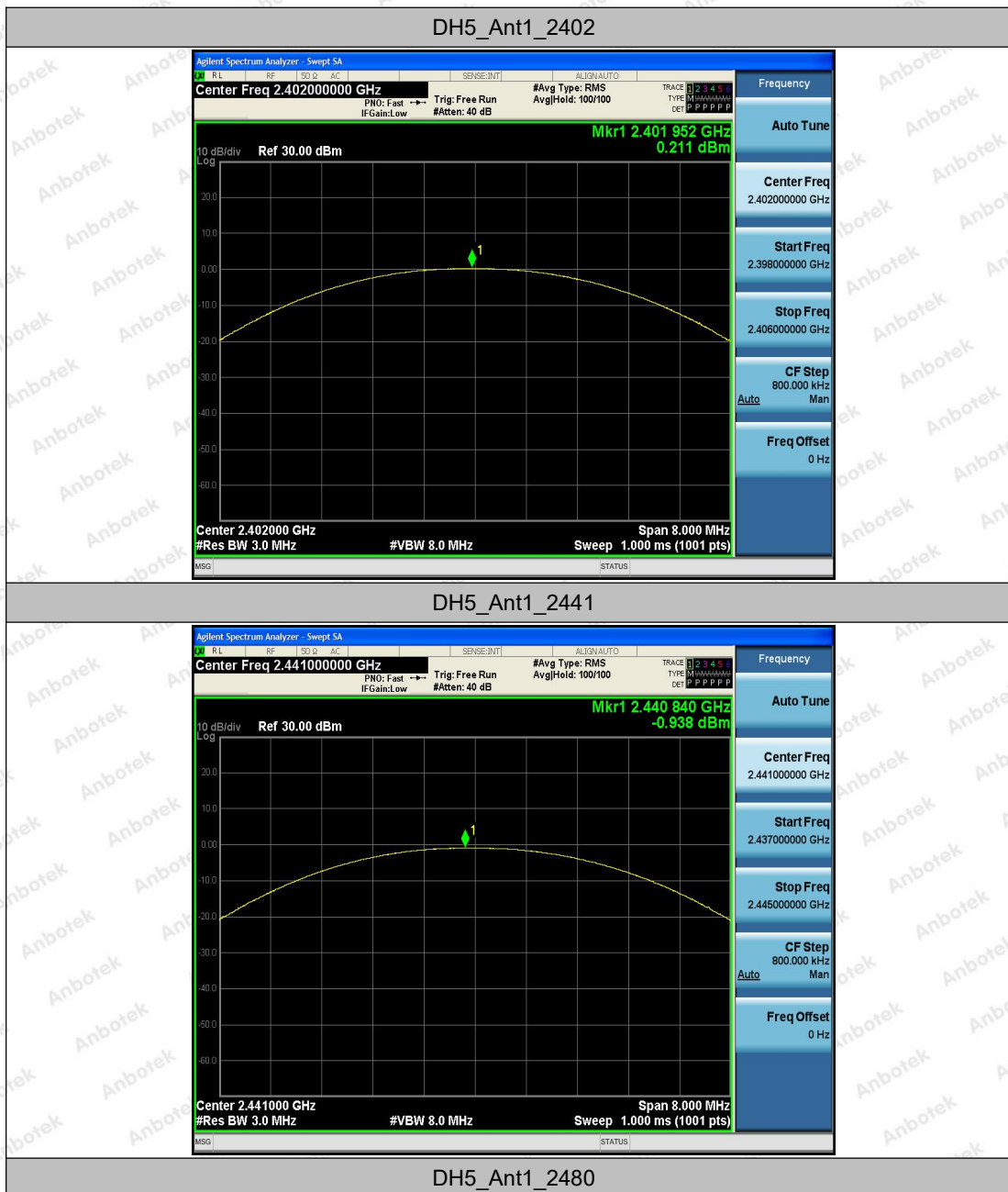
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Appendix C: Maximum conducted output power

Test Result

Test Mode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
DH5	Ant1	2402	0.21	≤20.97	PASS
		2441	-0.94	≤20.97	PASS
		2480	0.66	≤20.97	PASS

Test Graphs

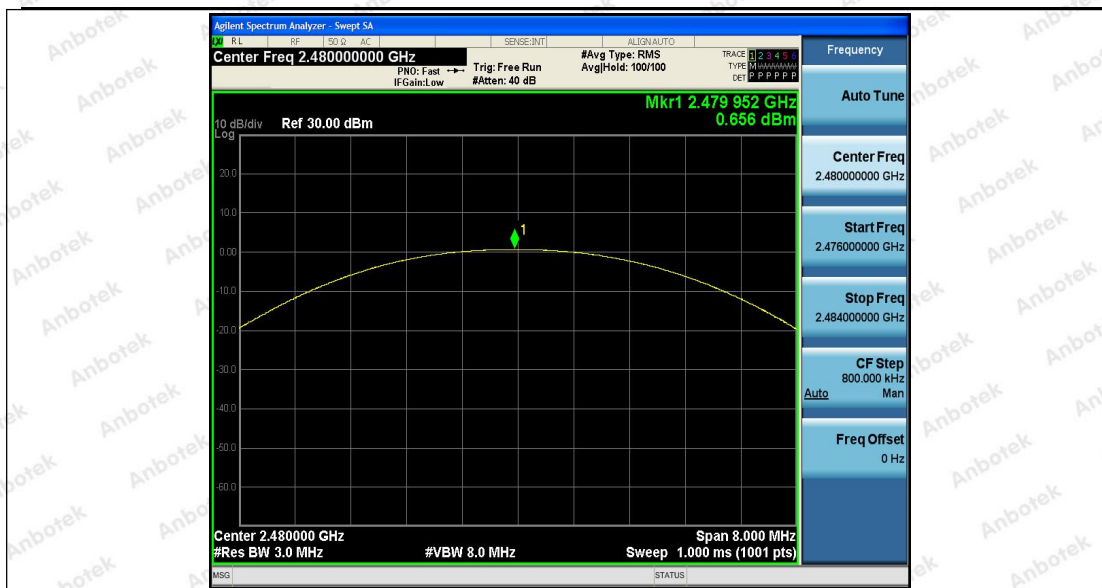


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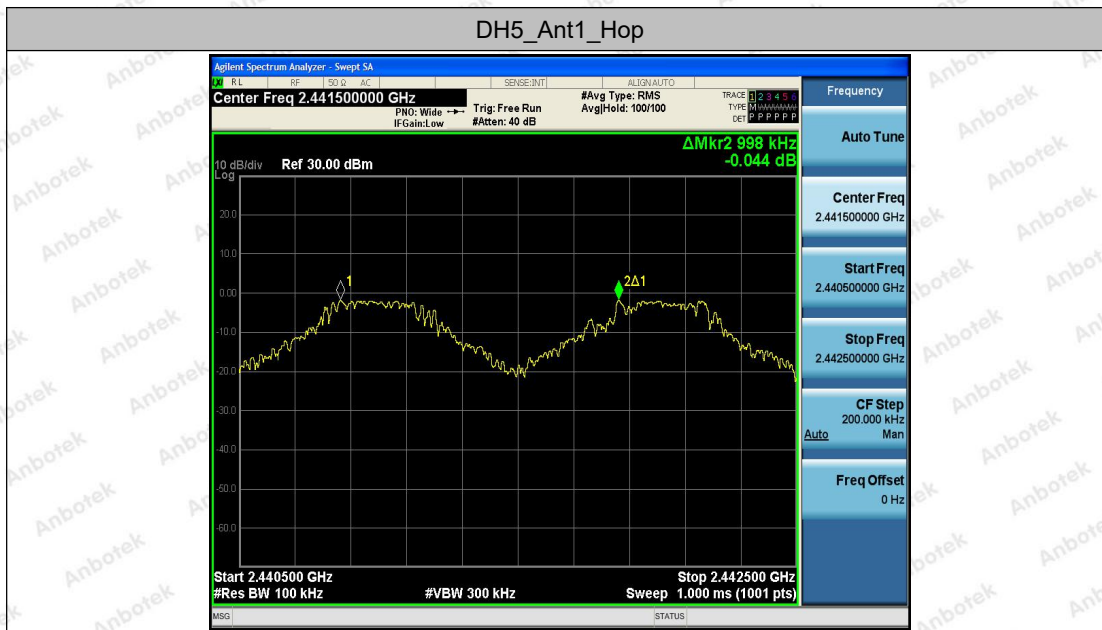
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Appendix D: Carrier frequency separation

Test Result

Test Mode	Antenna	Channel	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	0.998	≥0.951	PASS

Test Graphs



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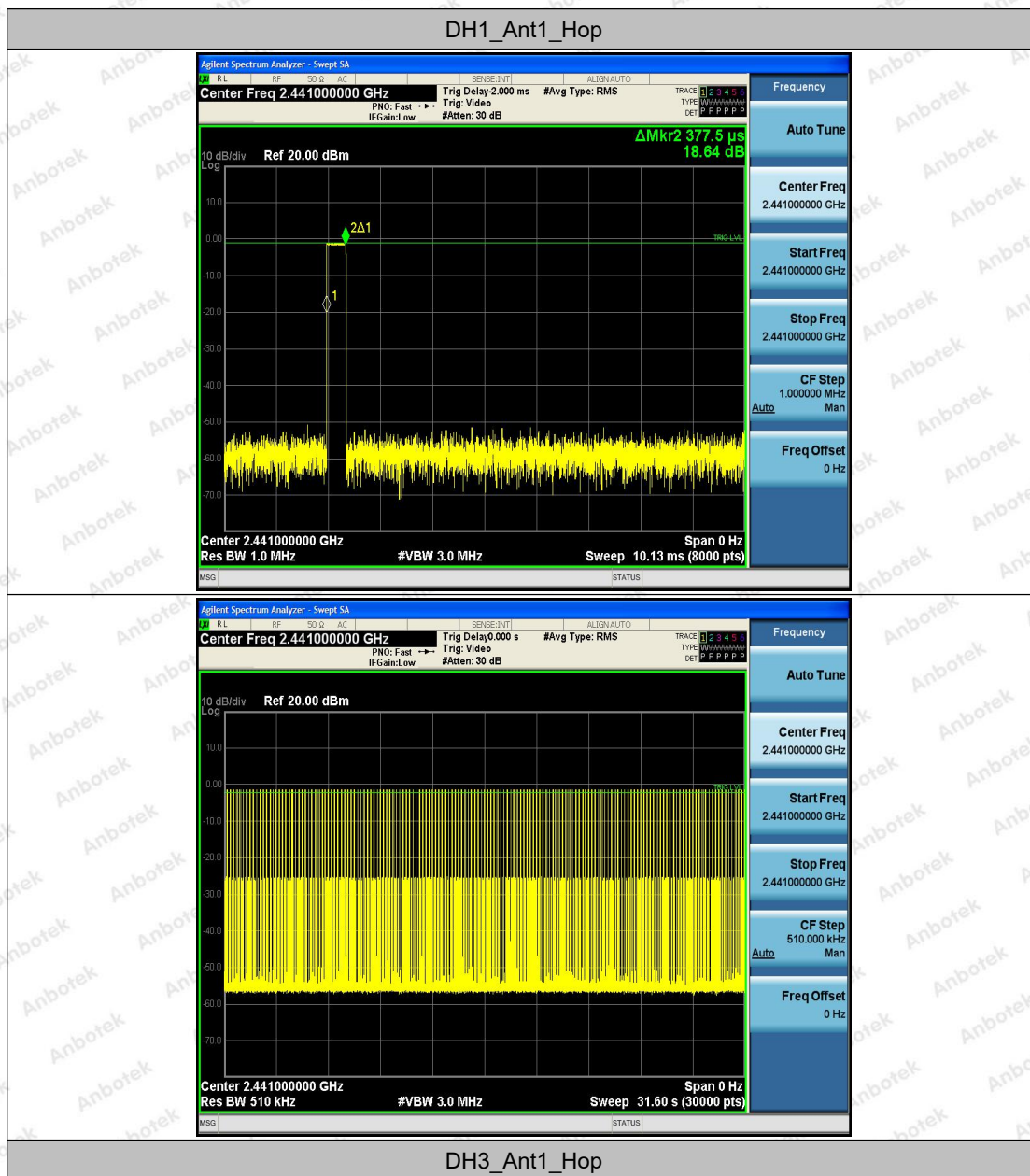
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Appendix E: Time of occupancy

Test Result

Test Mode	Antenna	Channel	Burst Width[ms]	Total Hops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.38	313	0.118	≤0.4	PASS
DH3	Ant1	Hop	1.63	156	0.255	≤0.4	PASS
DH5	Ant1	Hop	2.88	100	0.288	≤0.4	PASS

Test Graphs



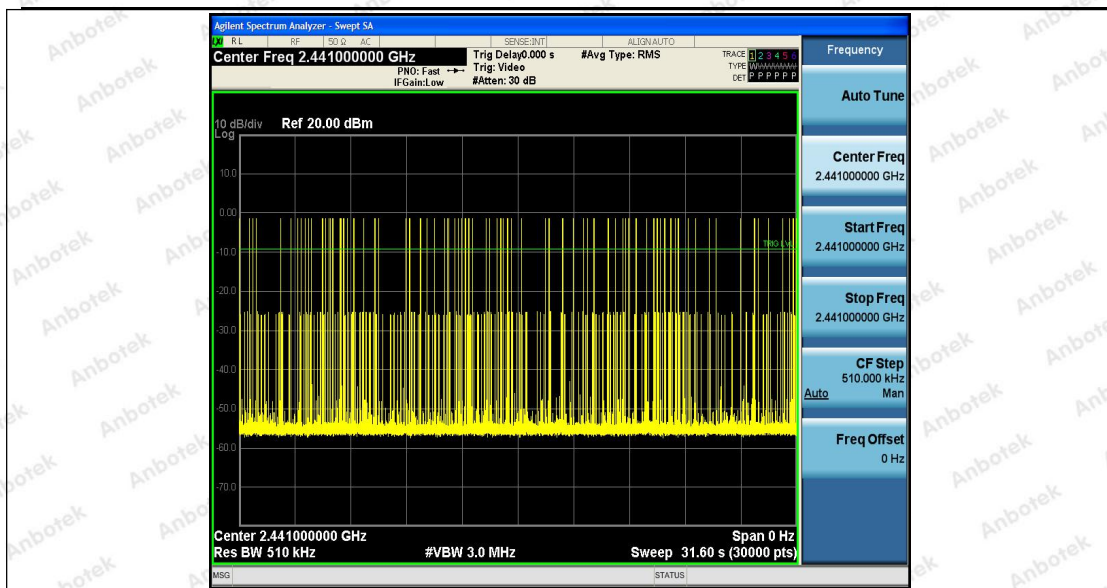


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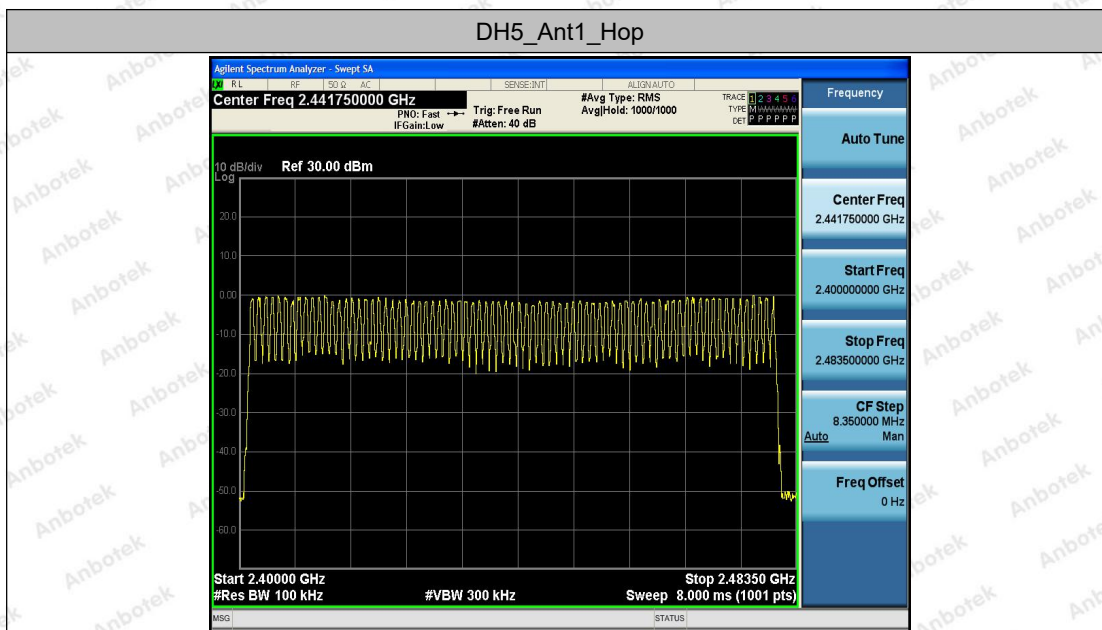
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Appendix F: Number of hopping channels

Test Result

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

Test Graphs

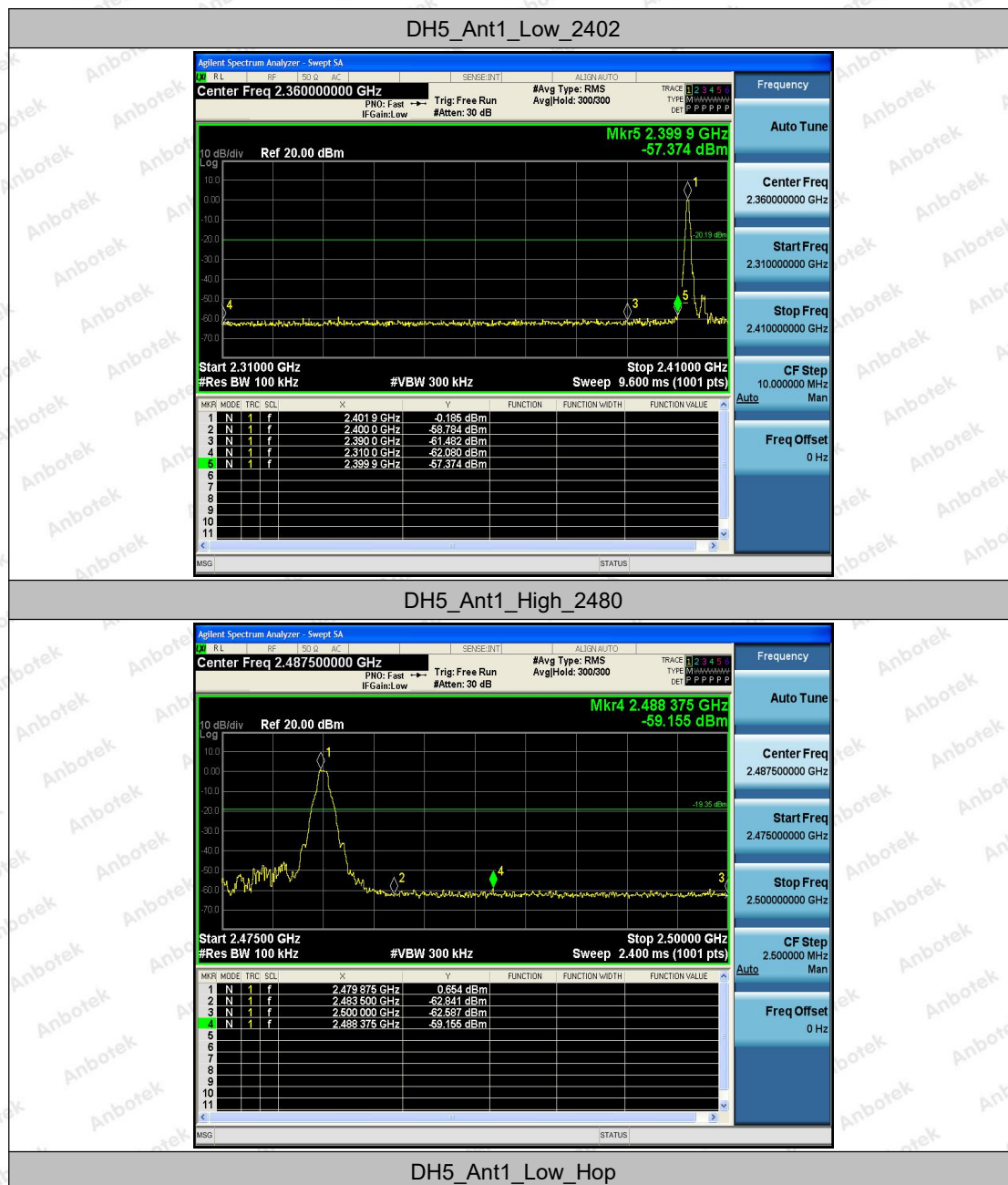


Appendix G: Band edge measurements

Test Result

Test Mode	Antenna	Ch Name	Channel	Ref Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-0.19	-57.37	≤-20.19	PASS
		High	2480	0.65	-59.16	≤-19.35	PASS
		Low	Hop	-0.23	-58.87	≤-20.23	PASS
		High	Hop	-0.05	-63.66	≤-20.05	PASS

Test Graphs

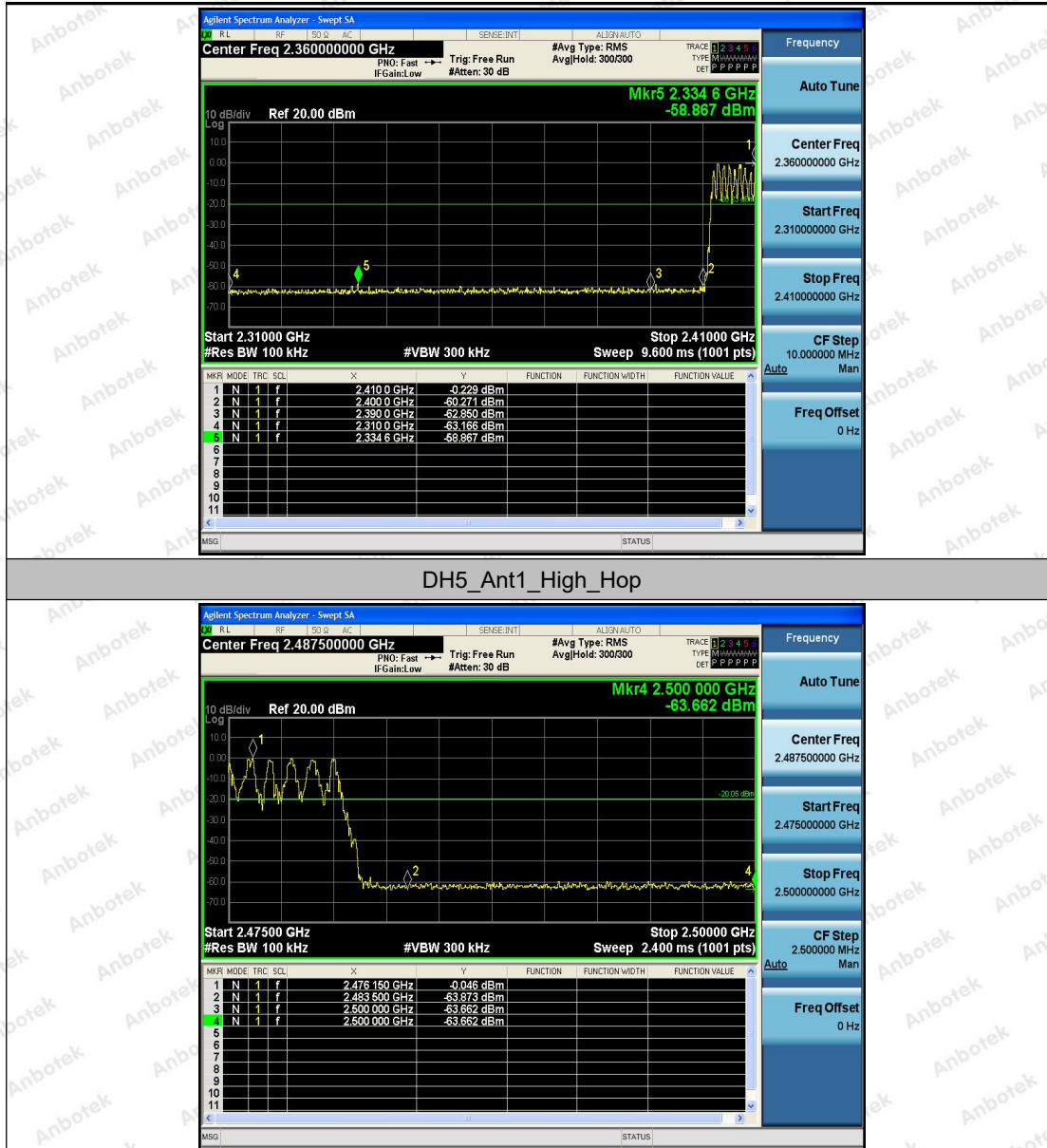


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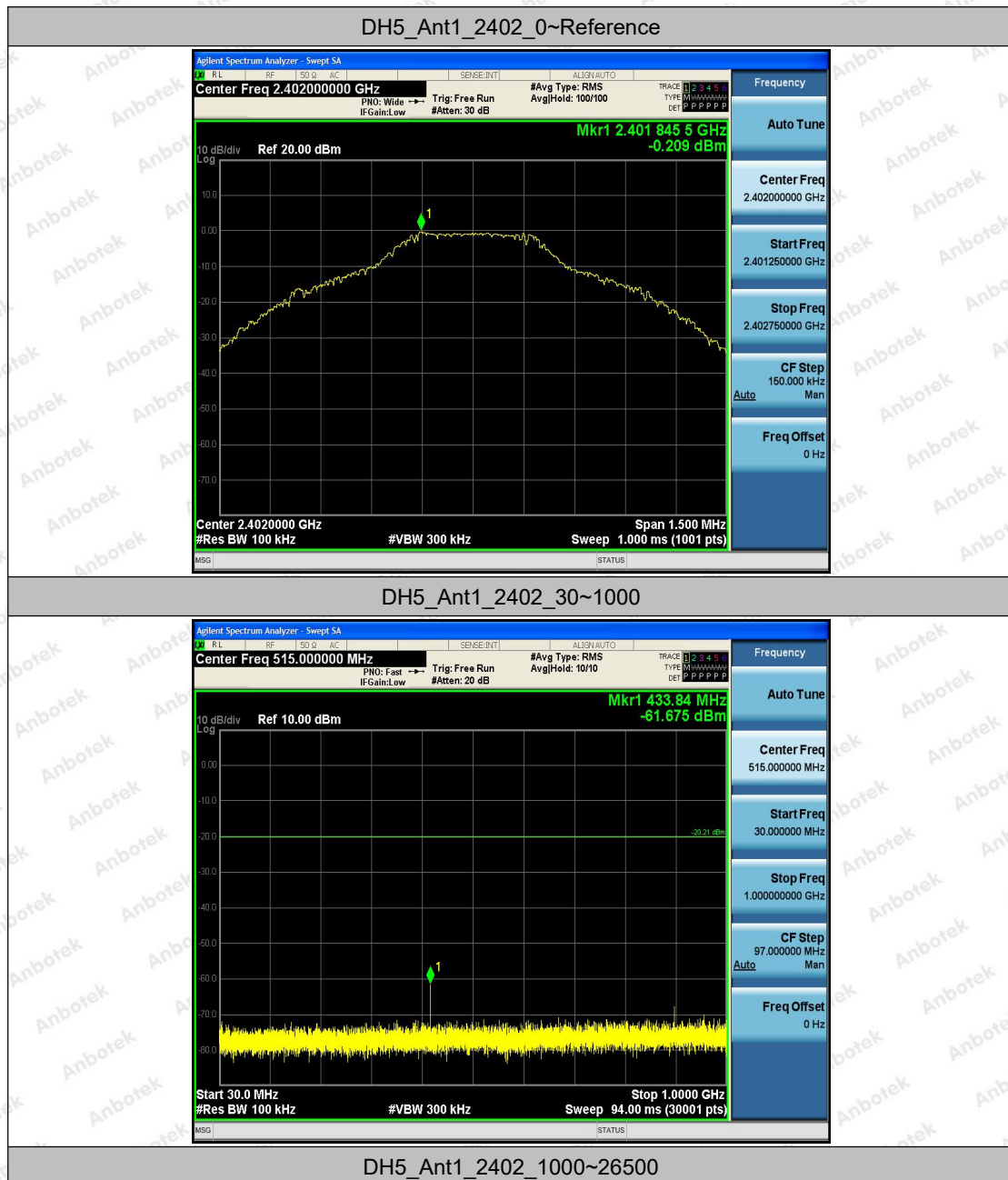
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Appendix H: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Channel	Freq Range [MHz]	Ref Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	Reference	-0.21	-0.21	---	PASS
			30~1000	-0.21	-61.68	≤ -20.21	PASS
			1000~26500	-0.21	-45.77	≤ -20.21	PASS
		2441	Reference	-1.32	-1.32	---	PASS
			30~1000	-1.32	-70.01	≤ -21.32	PASS
			1000~26500	-1.32	-46.6	≤ -21.32	PASS
		2480	Reference	-0.10	-0.10	---	PASS
			30~1000	-0.10	-69.93	≤ -20.1	PASS
			1000~26500	-0.10	-51.89	≤ -20.1	PASS

Test Graphs



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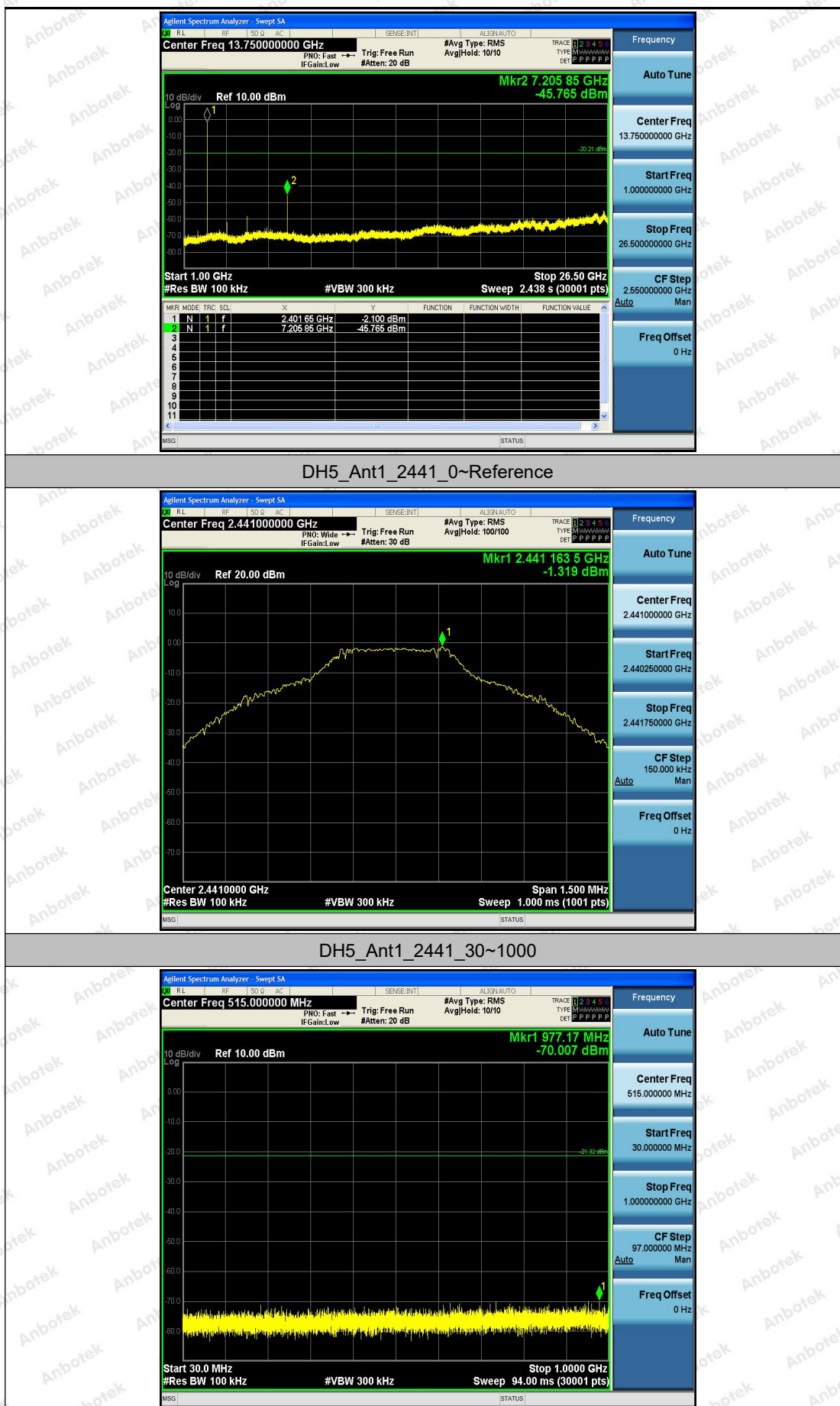
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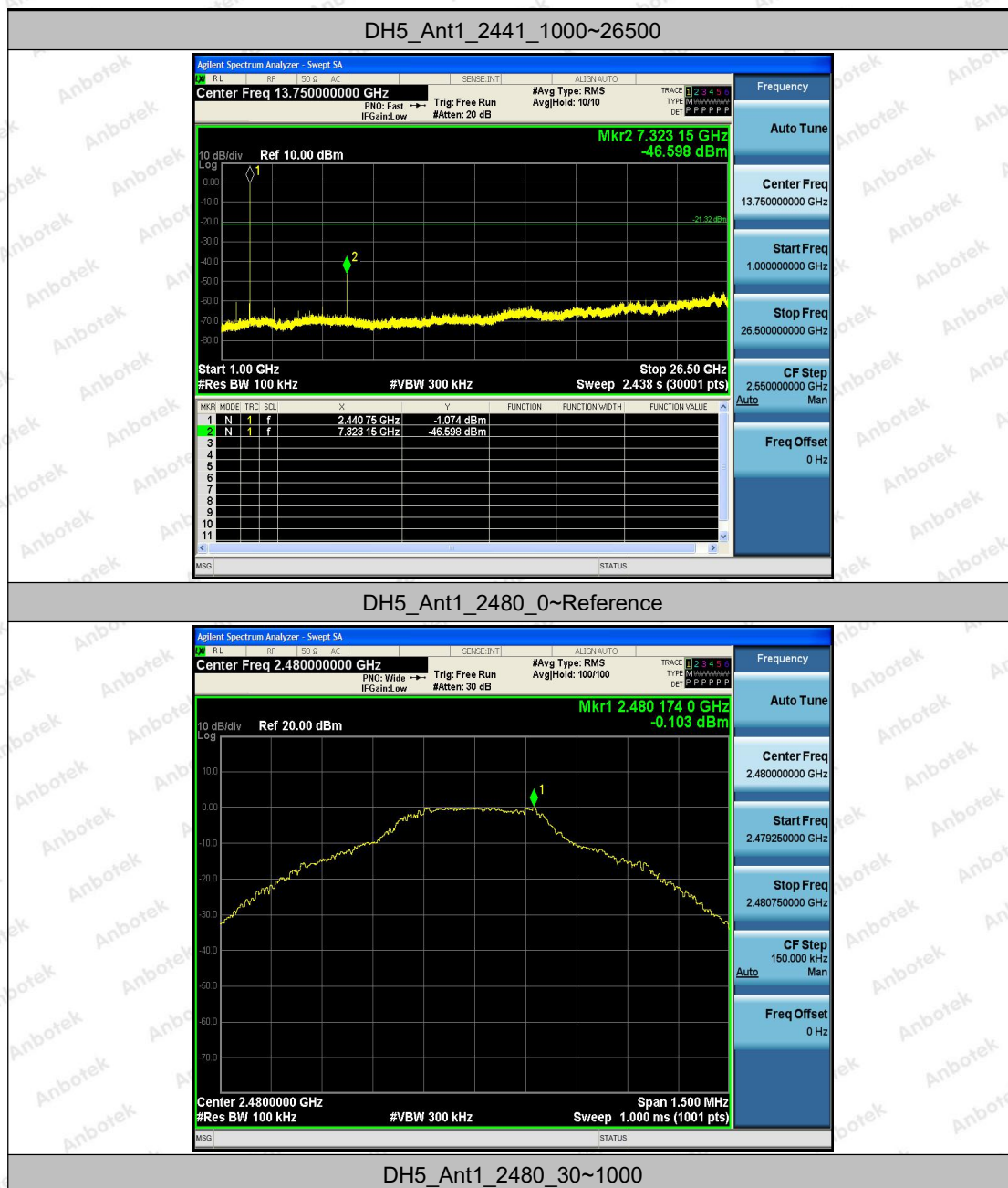


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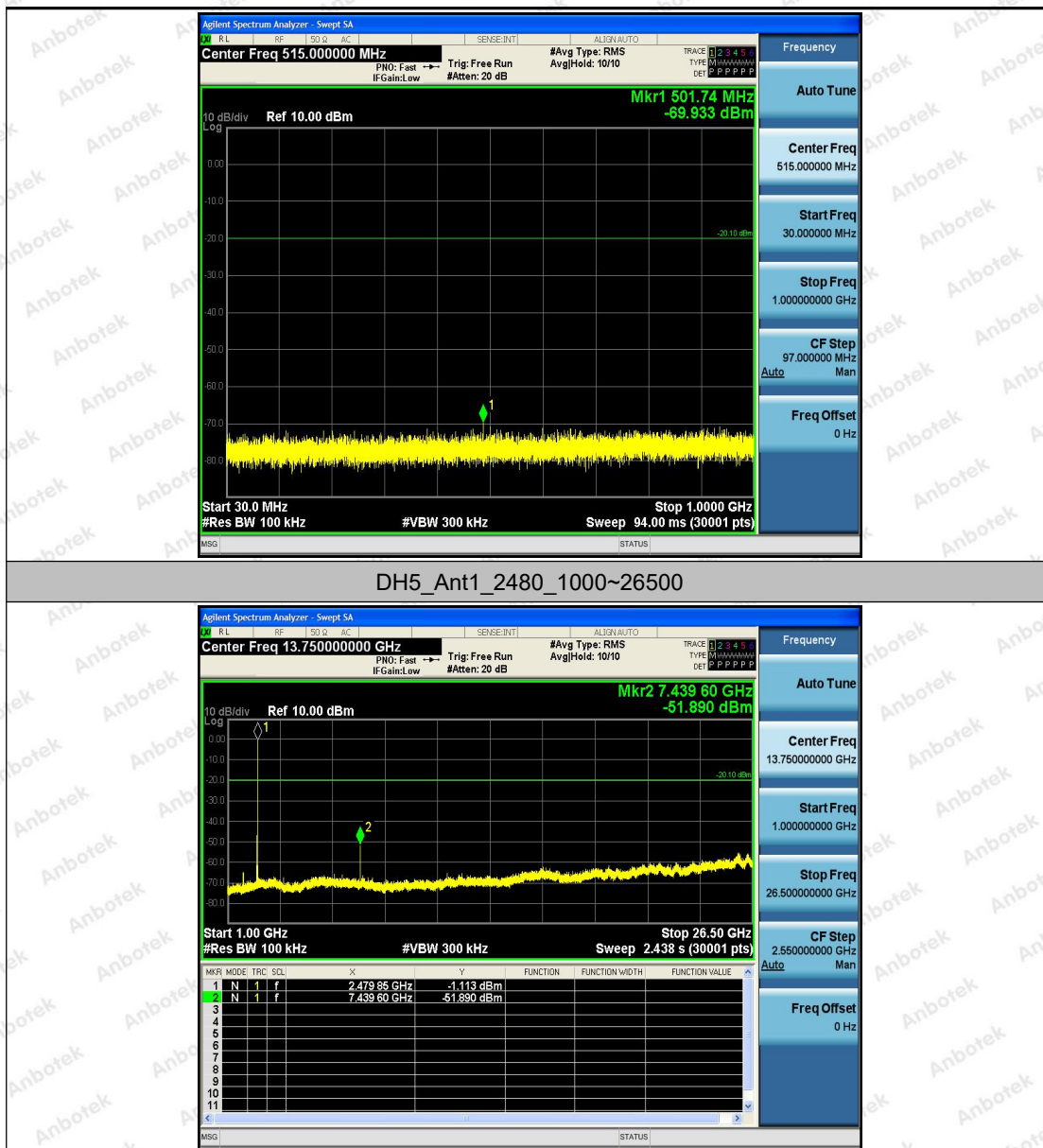


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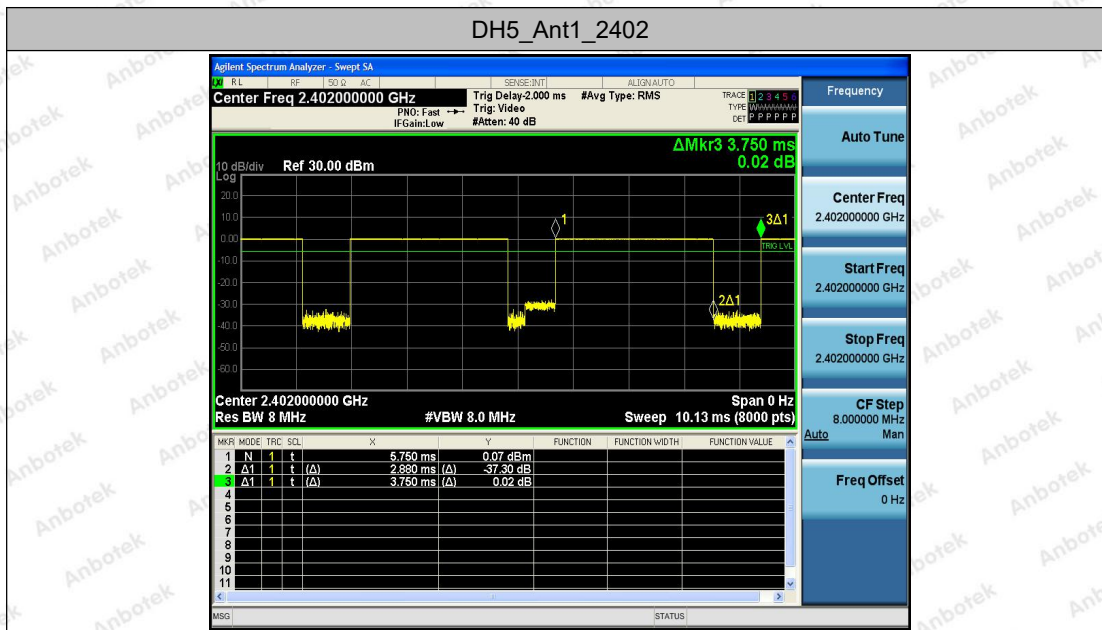
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Appendix I: Duty Cycle

Test Result

Test Mode	Antenna	Channel	ON Time [ms]	Period [ms]	X	DC [%]	x Factor	Limit	Verdict
DH5	Ant1	2402	2.88	3.75	0.7680	76.80	1.15	---	PASS

Test Graphs



---End---