

## 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°C	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





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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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## 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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## Appendix D: Carrier frequency separation

### Test Result

TestMode	Antenna	Channel	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.124	$\geq 0.706$	PASS

## Test Graphs

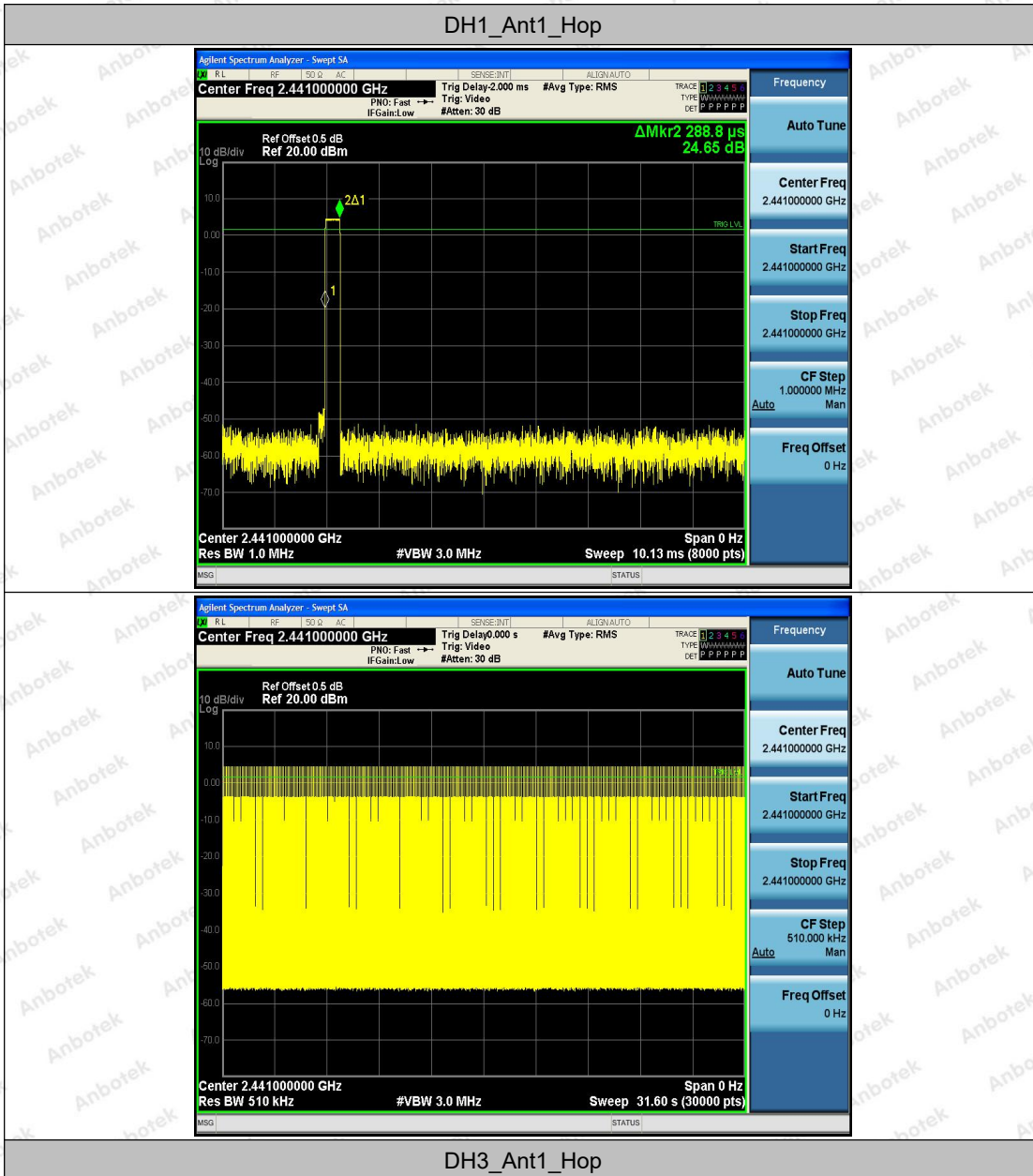


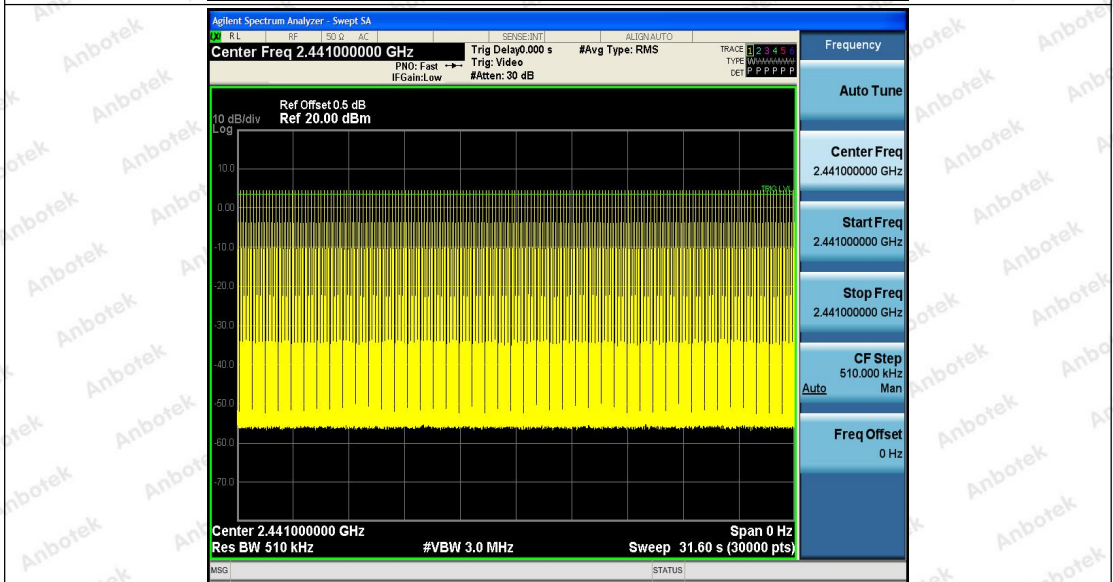
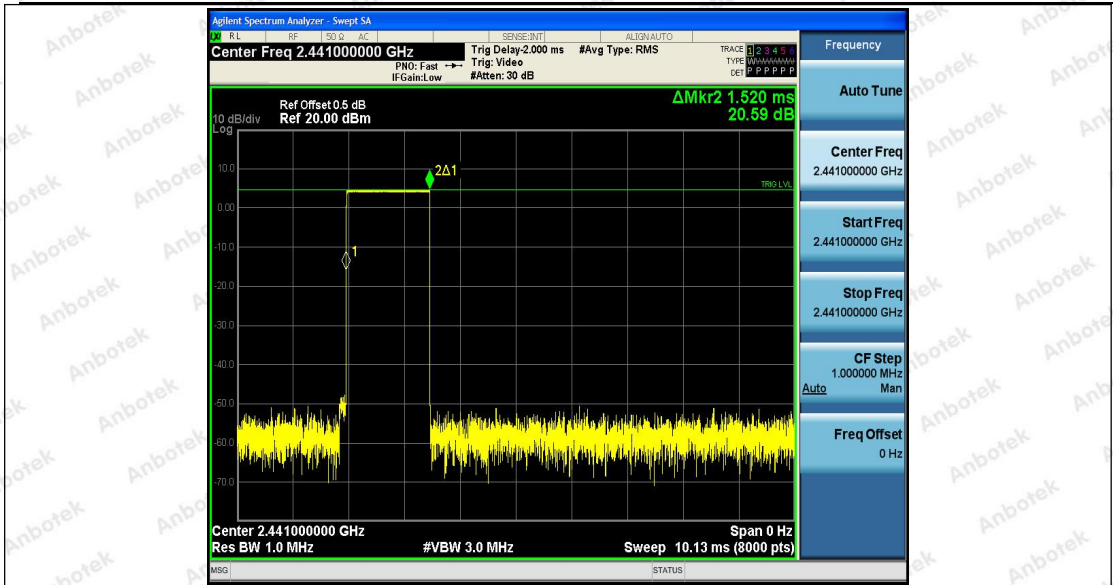
## Appendix E: Time of occupancy

### Test Result

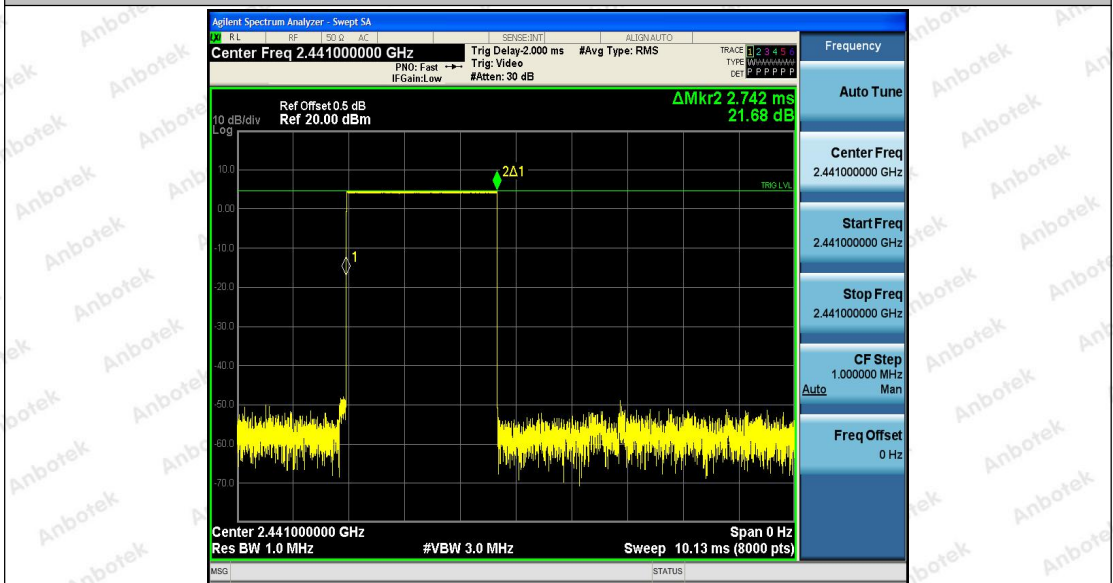
TestMode	Antenna	Channel	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.29	373	0.108	≤0.4	PASS
DH3	Ant1	Hop	1.52	172	0.261	≤0.4	PASS
DH5	Ant1	Hop	2.74	113	0.31	≤0.4	PASS

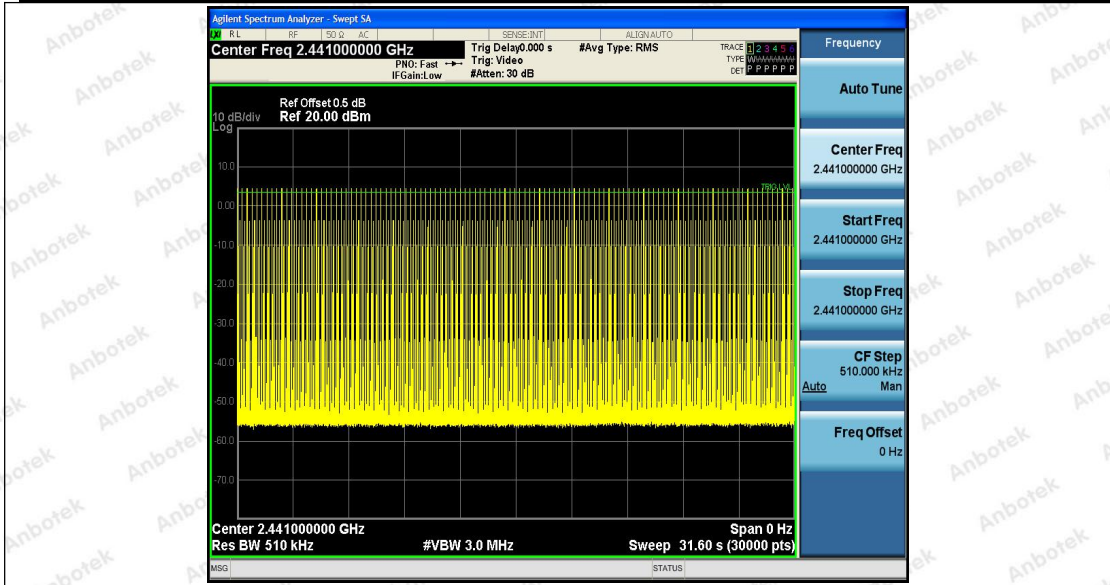
## Test Graphs





DH5\_Ant1\_Hop





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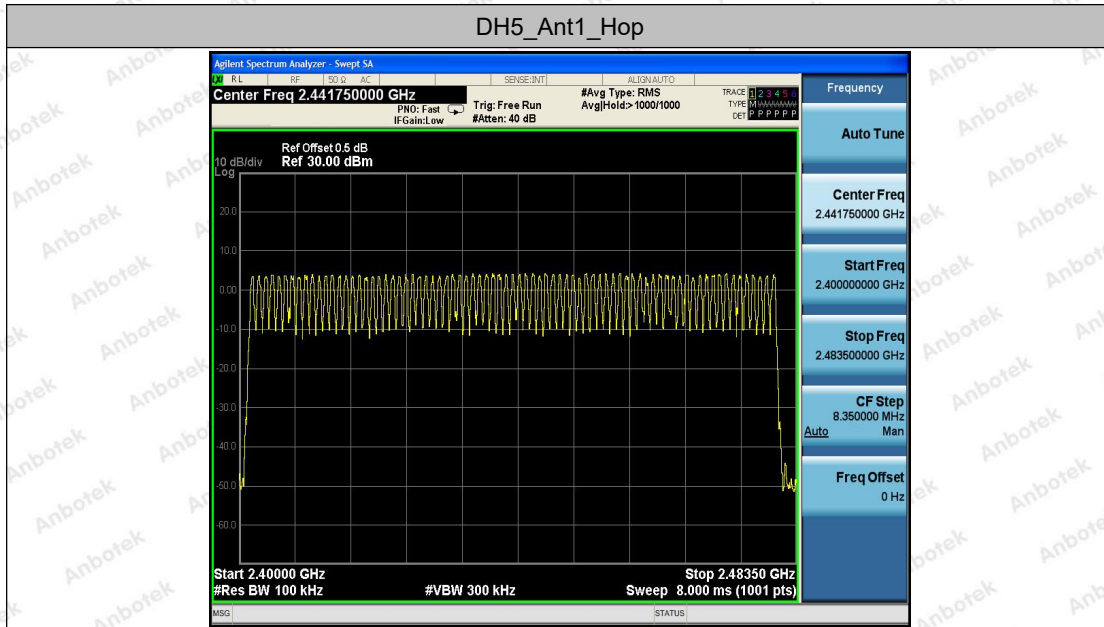
## Appendix F: Number of hopping channels

### Test Result

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



## Test Graphs



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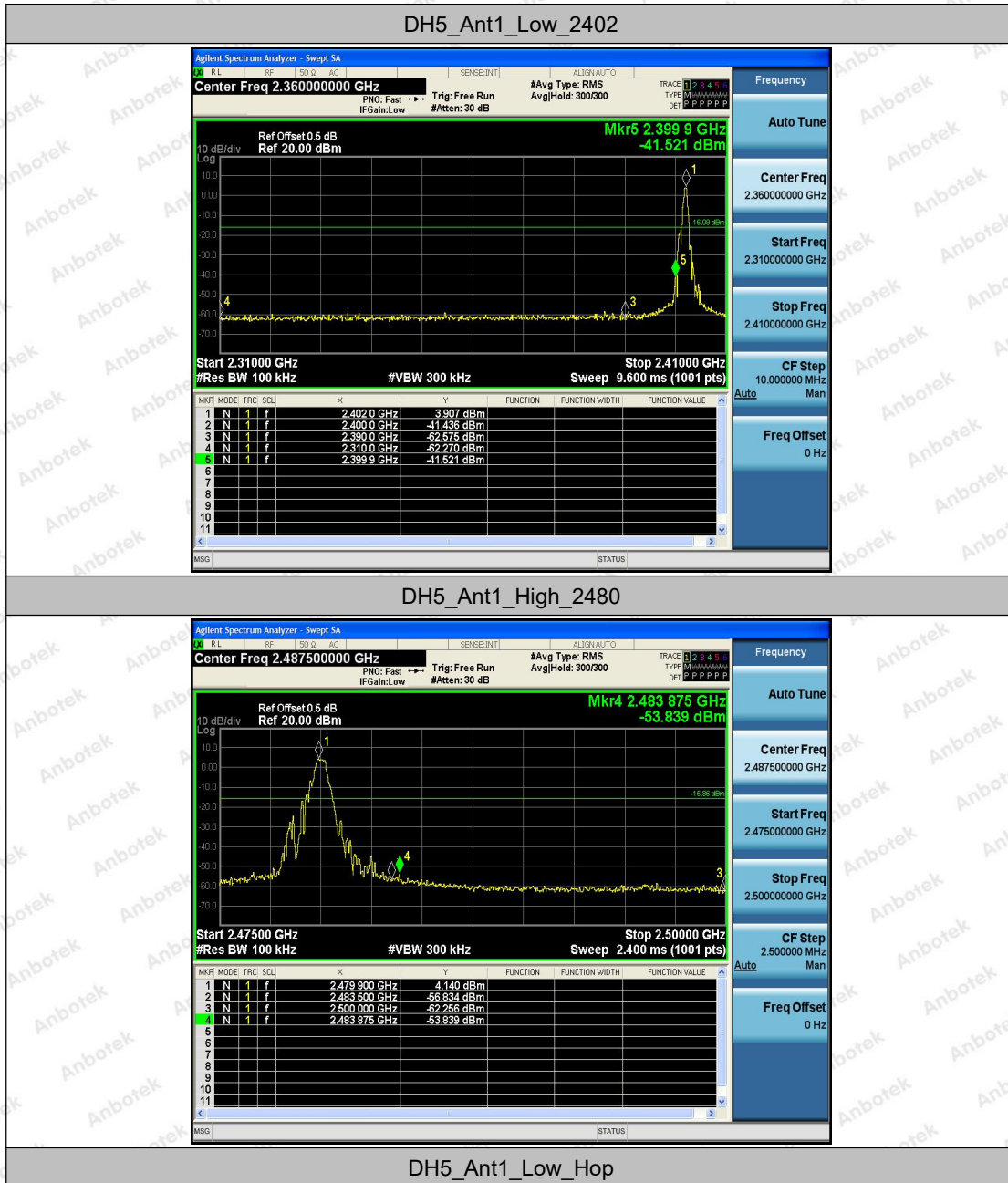
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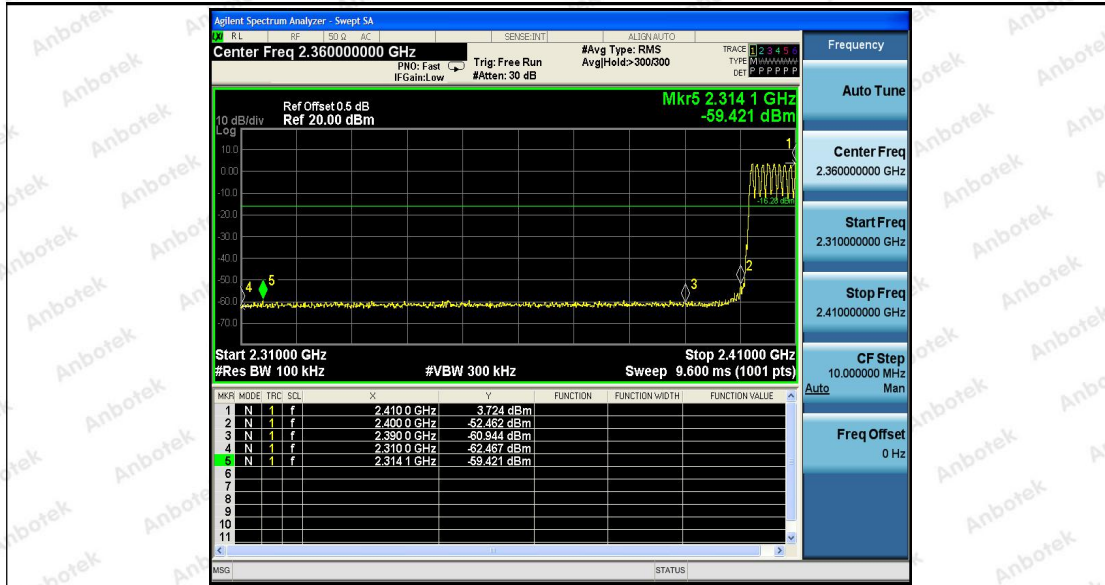
## Appendix G: Band edge measurements

### Test Result

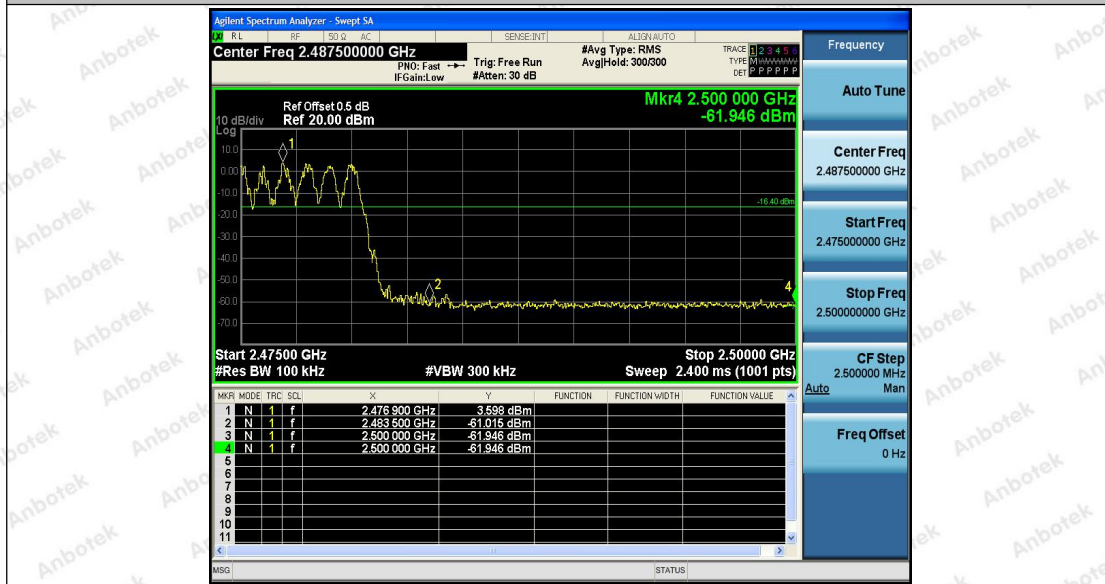
TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	3.91	-41.52	≤-16.09	PASS
		High	2480	4.14	-53.84	≤-15.86	PASS
		Low	Hop	3.72	-59.42	≤-16.28	PASS
		High	Hop	3.60	-61.95	≤-16.4	PASS

## Test Graphs





DH5\_Ant1\_High\_Hop

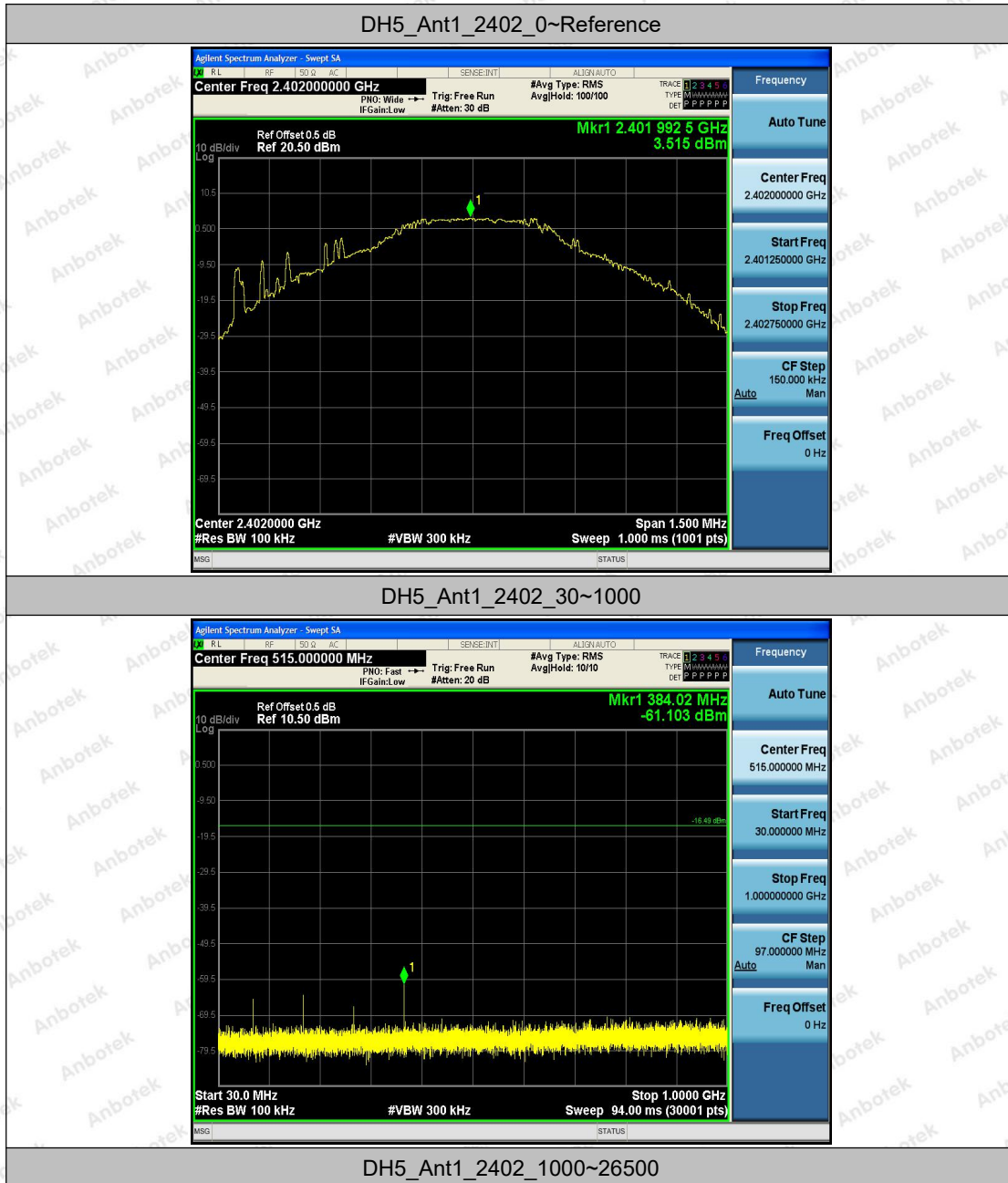


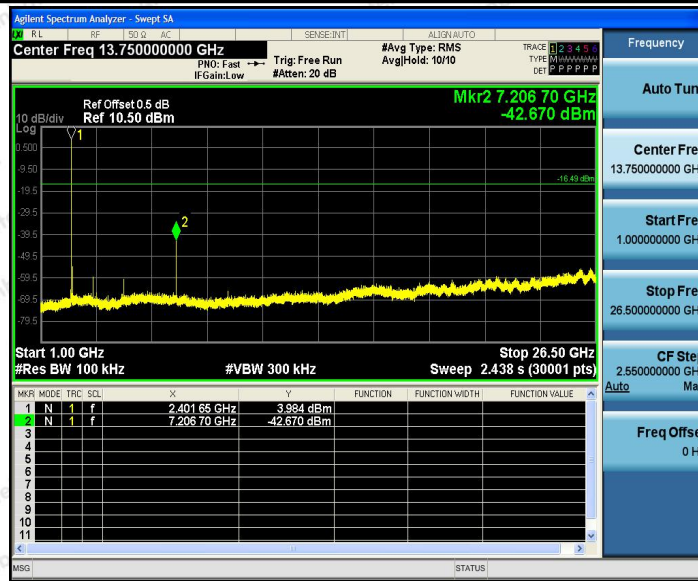
## Appendix H: Conducted Spurious Emission

### 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

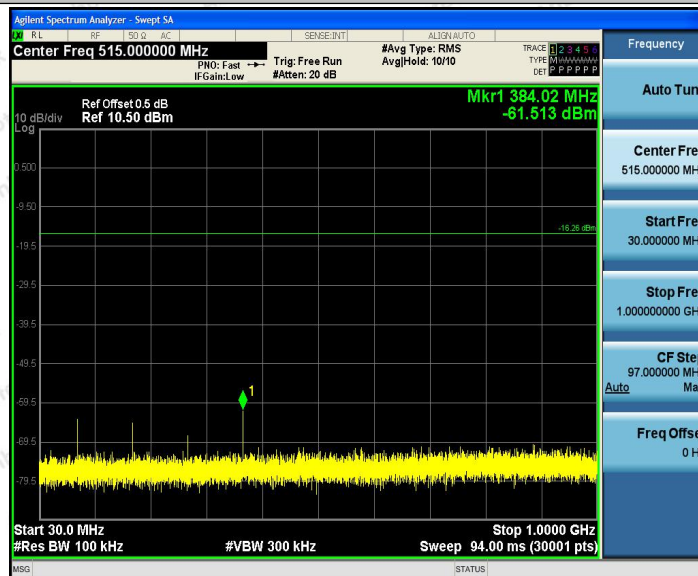




DH5\_Ant1\_2441\_0~Reference



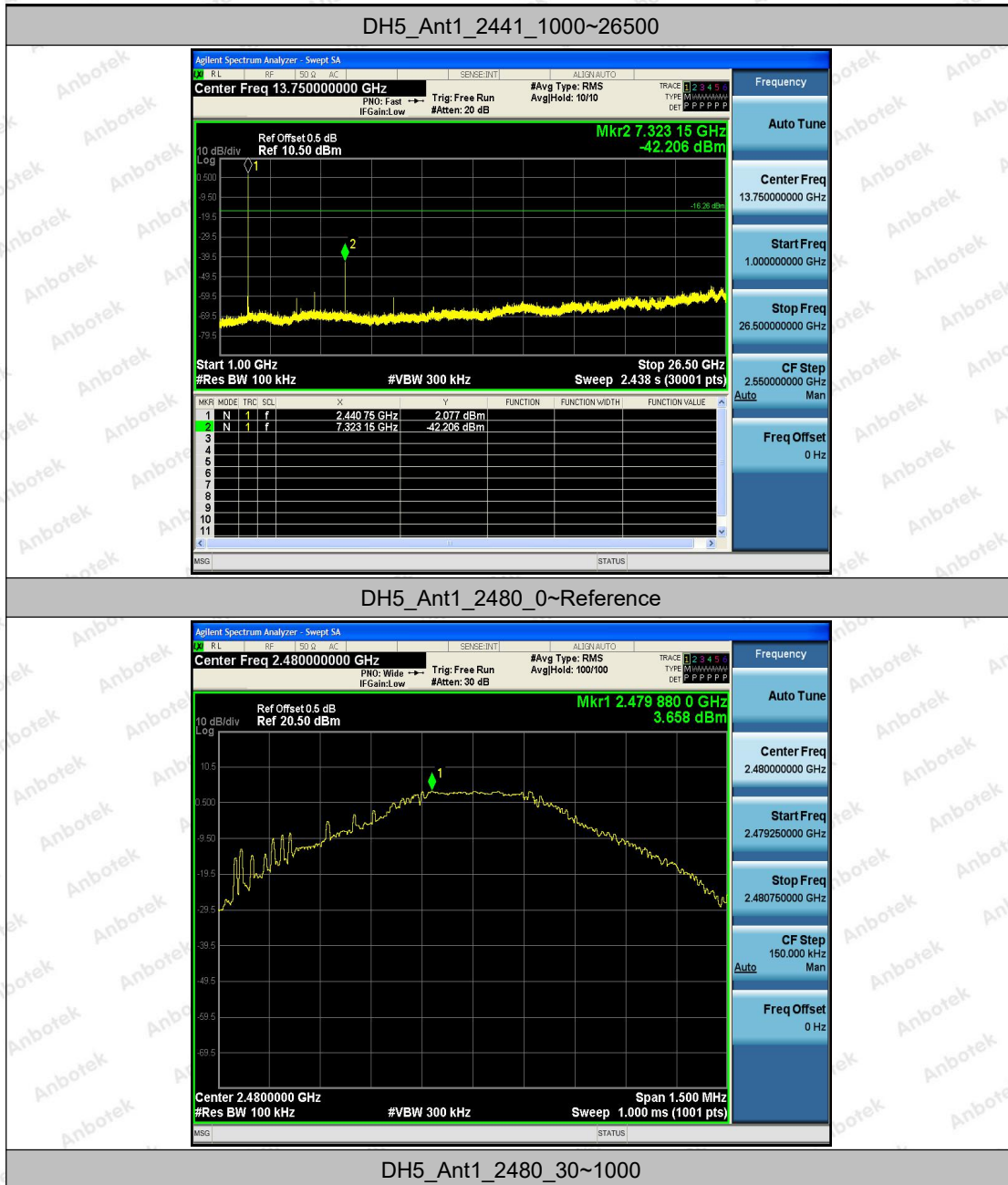
DH5\_Ant1\_2441\_30~1000



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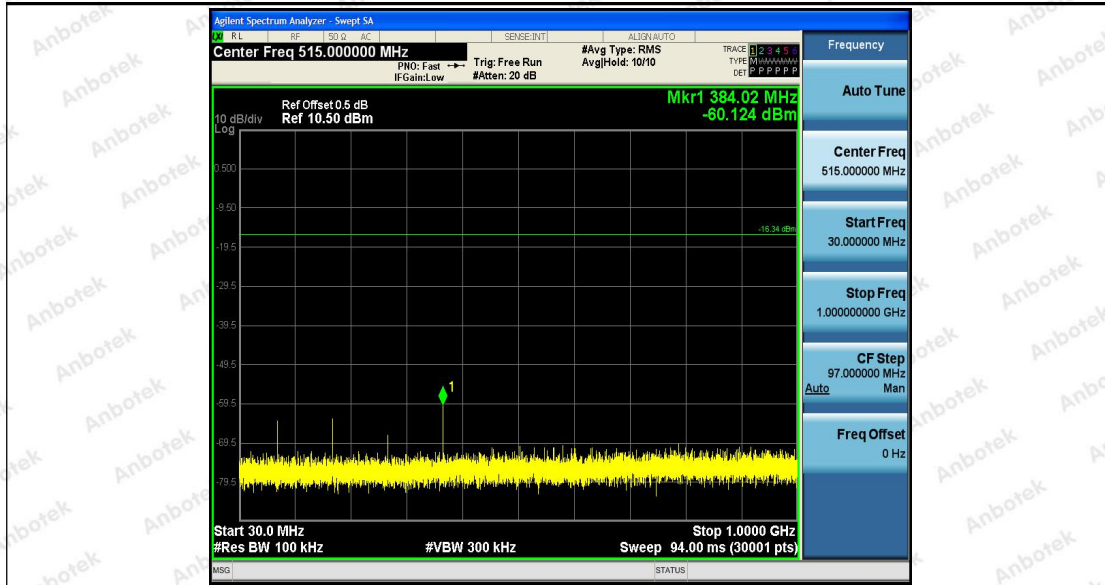


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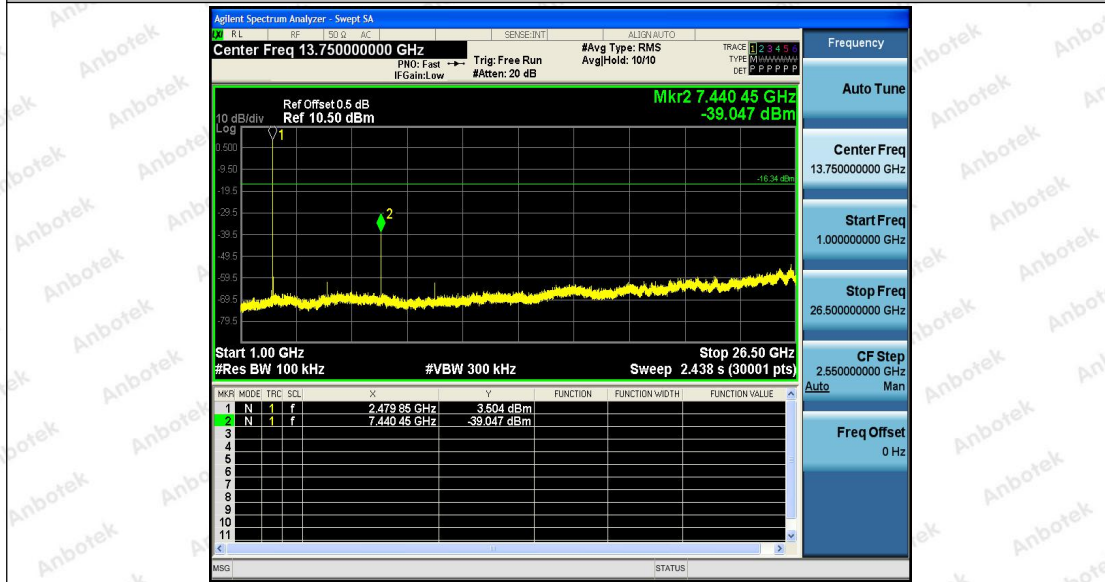
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DH5\_Ant1\_2480\_1000~26500



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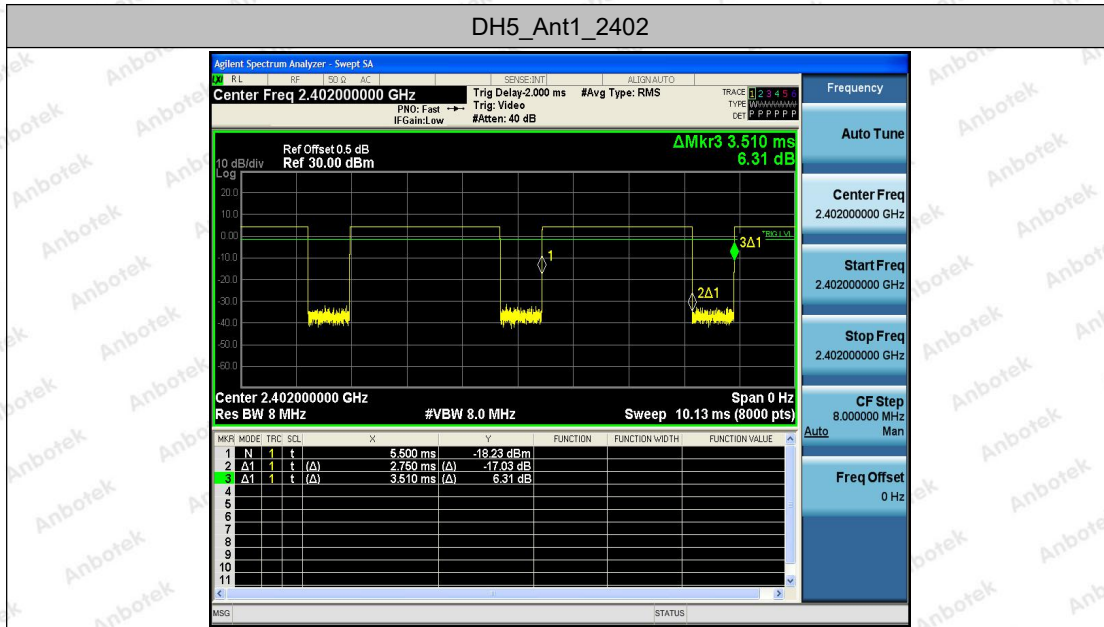
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## Appendix I: Duty Cycle

### 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---