

## Appendix Test Data

Report No.:	18220WC20009302	Test Sample No.:	1-2-2
Start Test Date:	2022.1.18	Finish Test Date:	2022.1.24
Test Engineer:	<i>Jony He</i>	Auditor:	<i>Edward Pan</i>
Temperature:	24.3°C	Relative Humidity:	56.2 %
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	0.948	2401.532	2402.480	---	PASS
		2441	0.945	2440.532	2441.477	---	PASS
		2480	0.945	2479.535	2480.480	---	PASS

## Test Graphs





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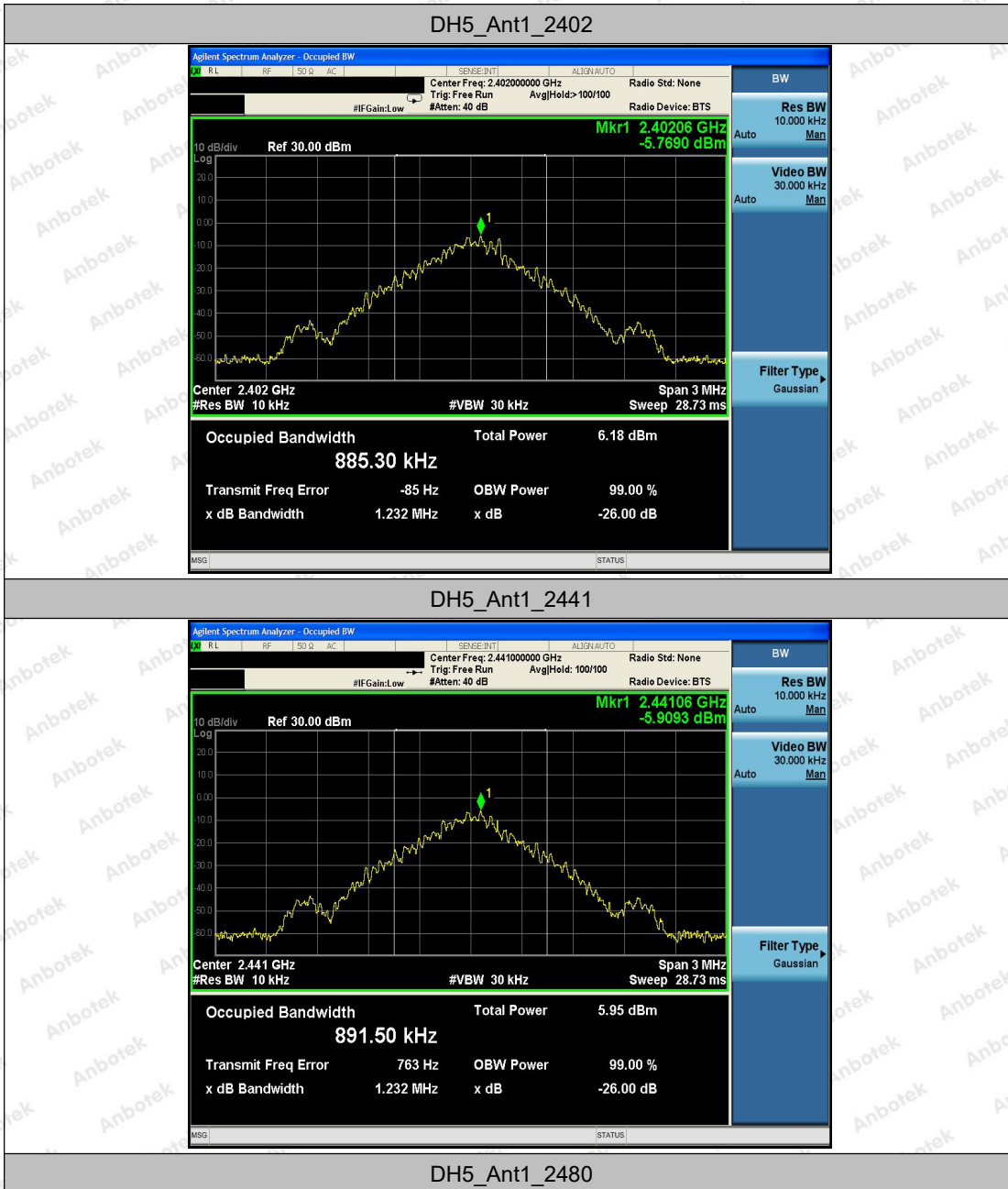
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## Appendix B: Occupied Channel Bandwidth

### Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.88530	2401.55 3	2402.439	---	PASS
		2441	0.89150	2440.54 8	2441.448	---	PASS
		2480	0.88273	2479.54 7	2480.442	---	PASS

## Test Graphs



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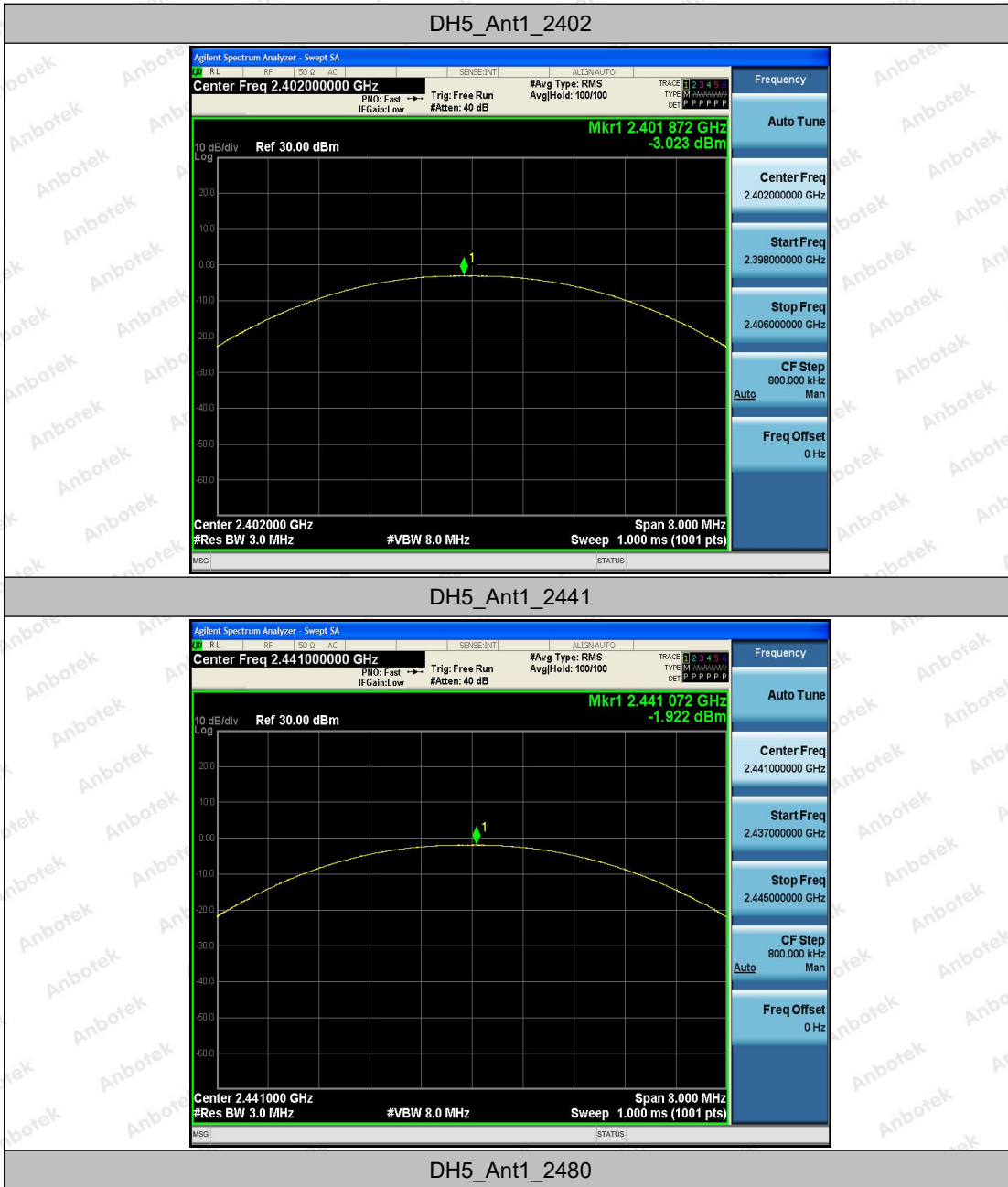
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## Appendix C: Maximum conducted output power

### Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
DH5	Ant1	2402	-3.02	≤20.97	PASS
		2441	-1.92	≤20.97	PASS
		2480	-1.83	≤20.97	PASS

## Test Graphs



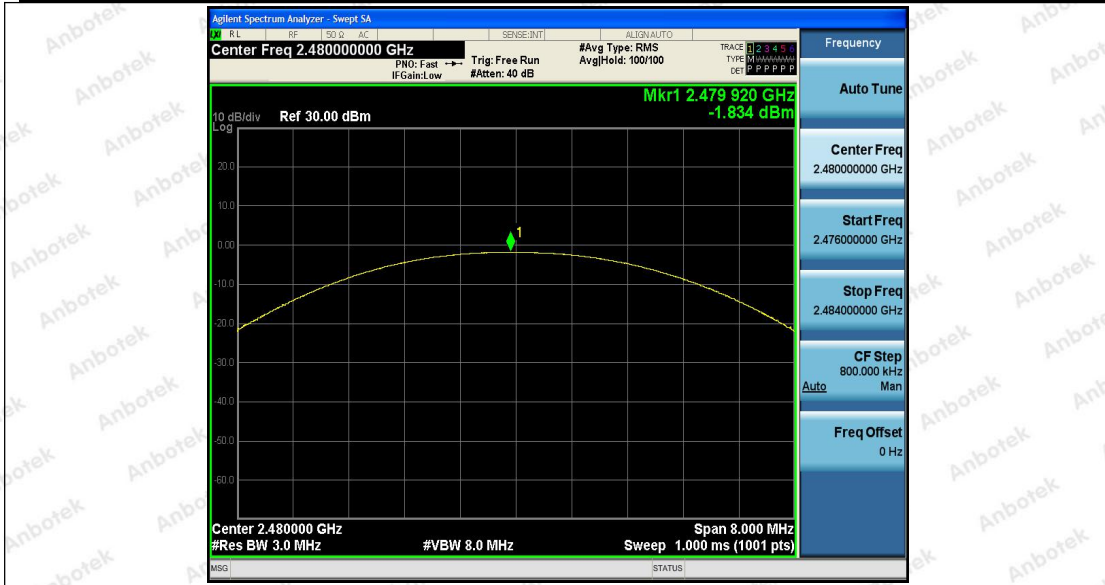
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## Appendix D: Carrier frequency separation

### Test Result

TestMode	Antenna	Channel	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.004	≥0.948	PASS

## Test Graphs



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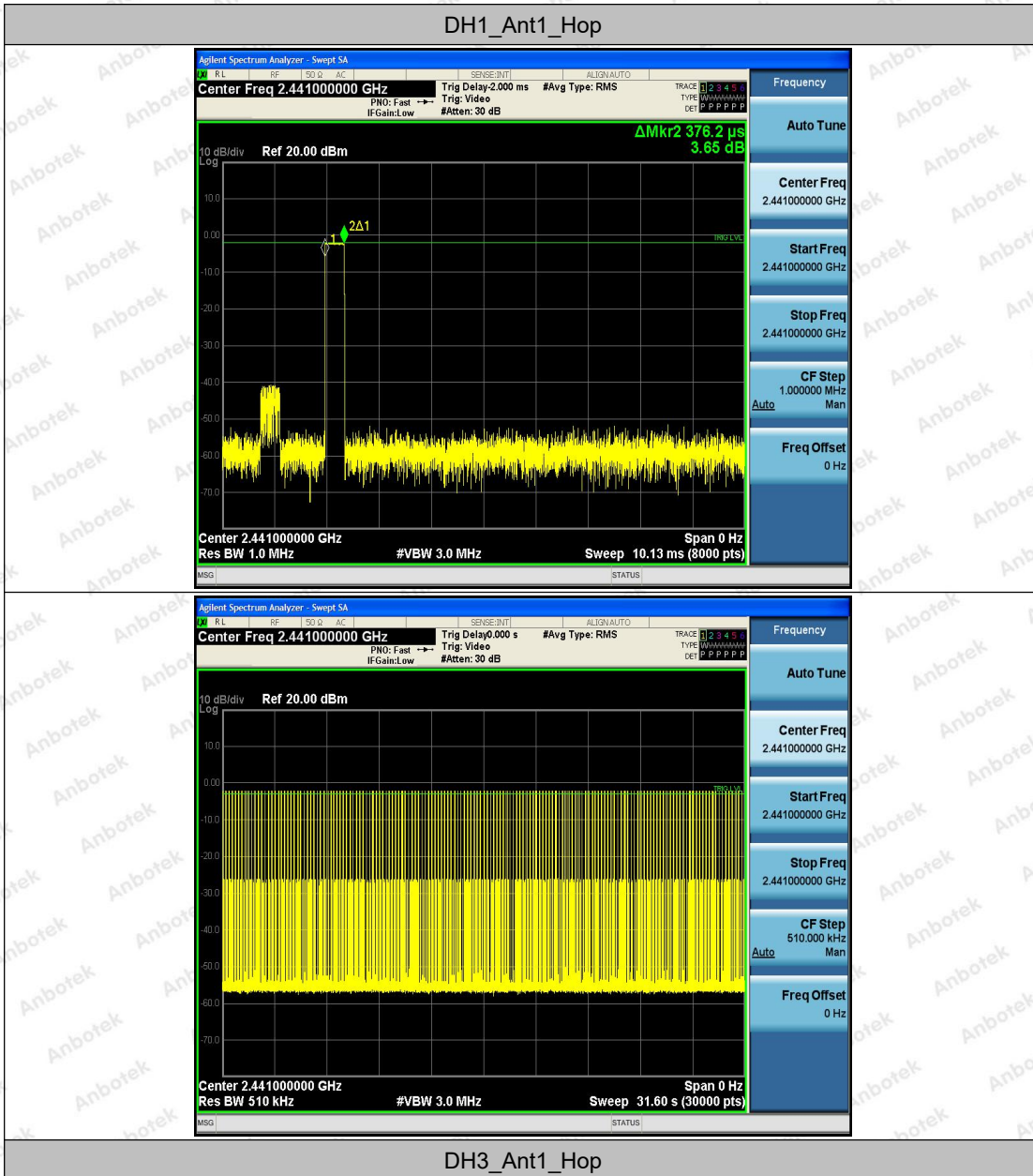
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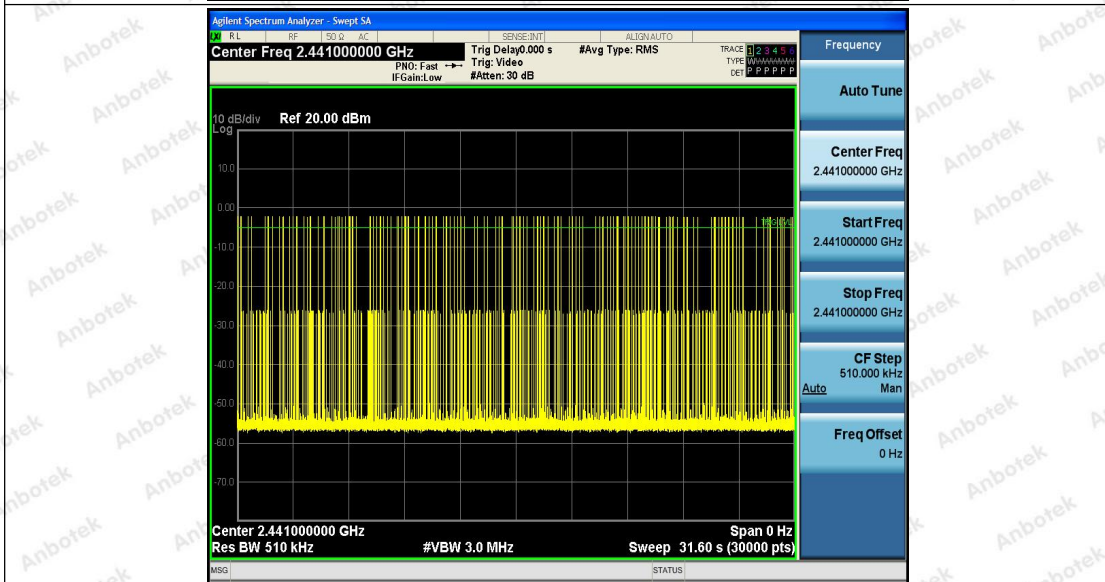
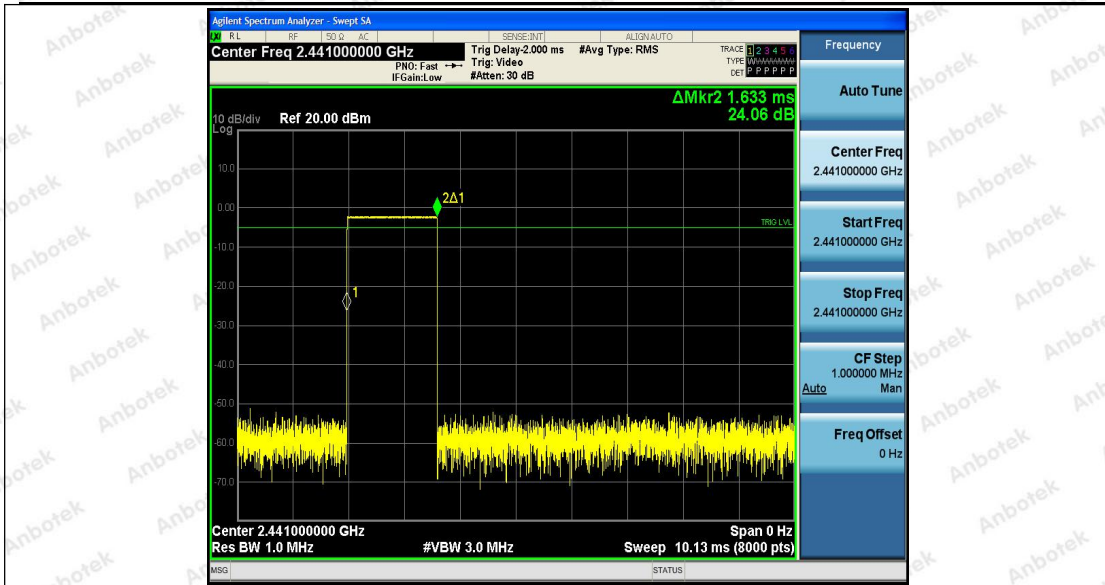
## Appendix E: Time of occupancy

### Test Result

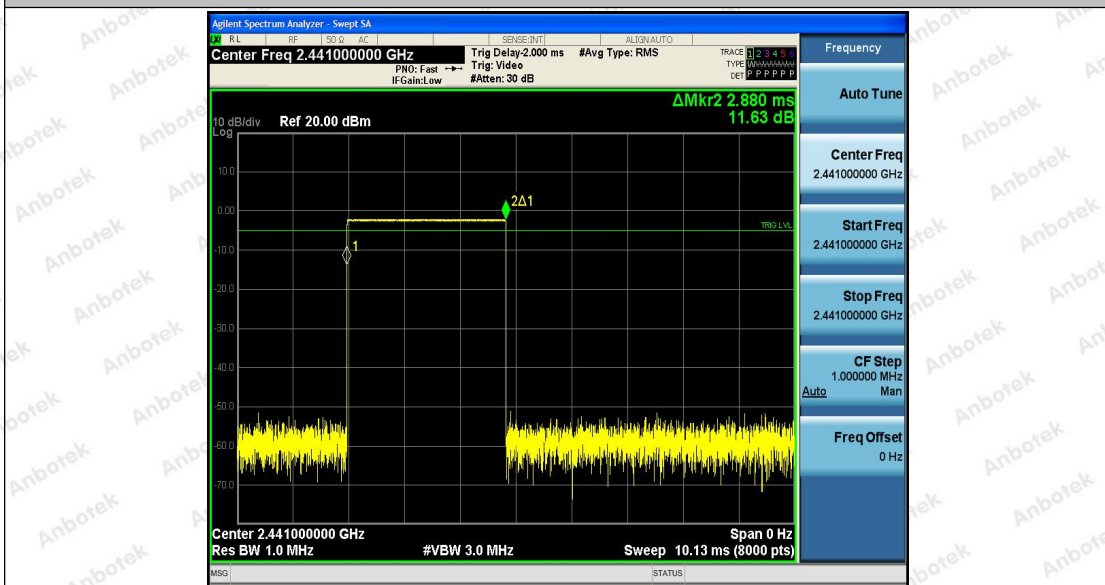
TestMode	Antenna	Channel	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.38	314	0.118	≤0.4	PASS
DH3	Ant1	Hop	1.63	158	0.258	≤0.4	PASS
DH5	Ant1	Hop	2.88	107	0.308	≤0.4	PASS

## Test Graphs





### DH5\_Ant1\_Hop

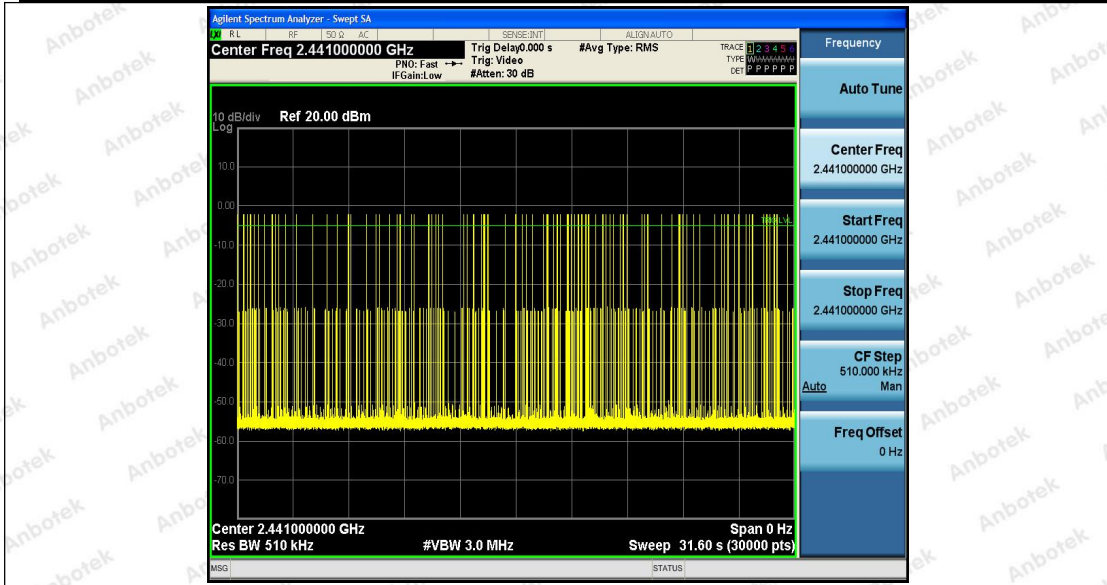


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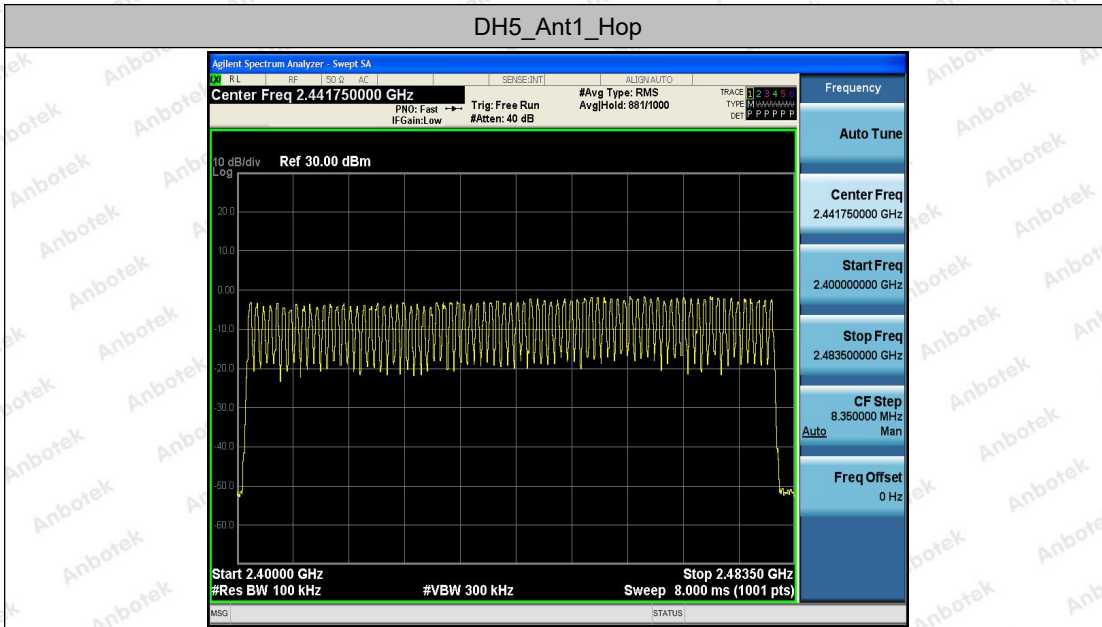
## Appendix F: Number of hopping channels

### Test Result

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



## Test Graphs



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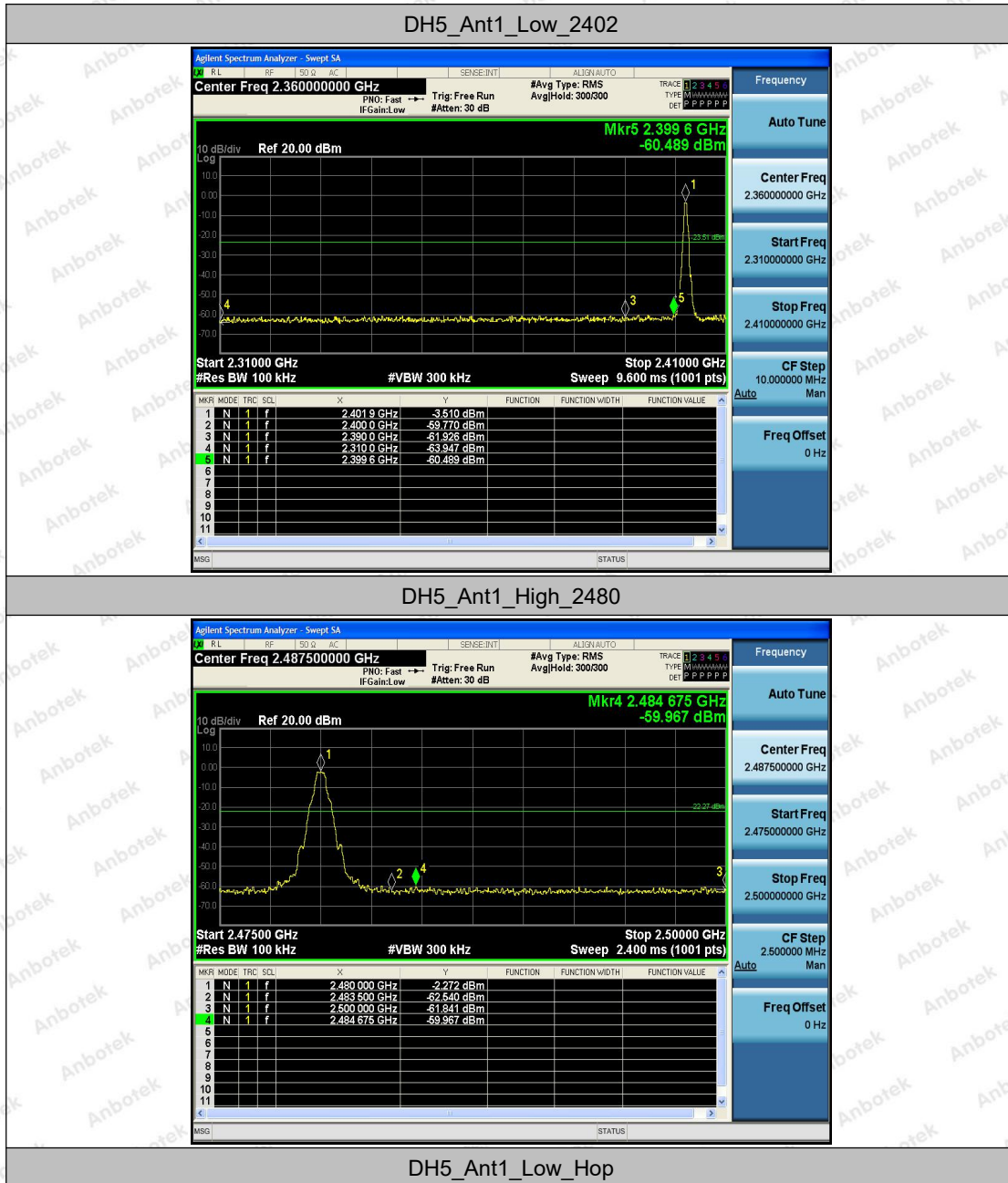
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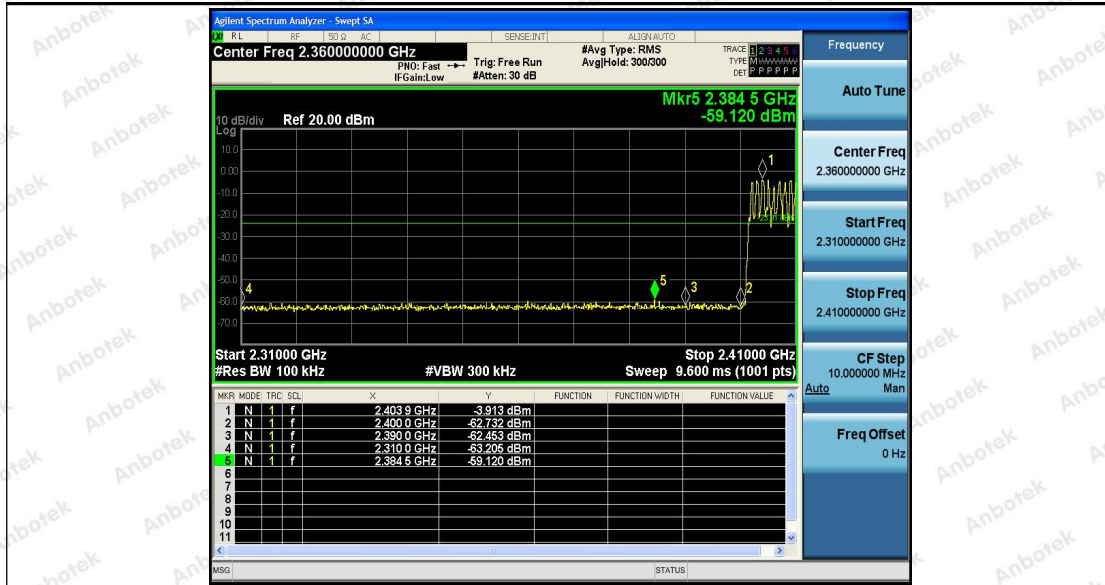
## Appendix G: Band edge measurements

### Test Result

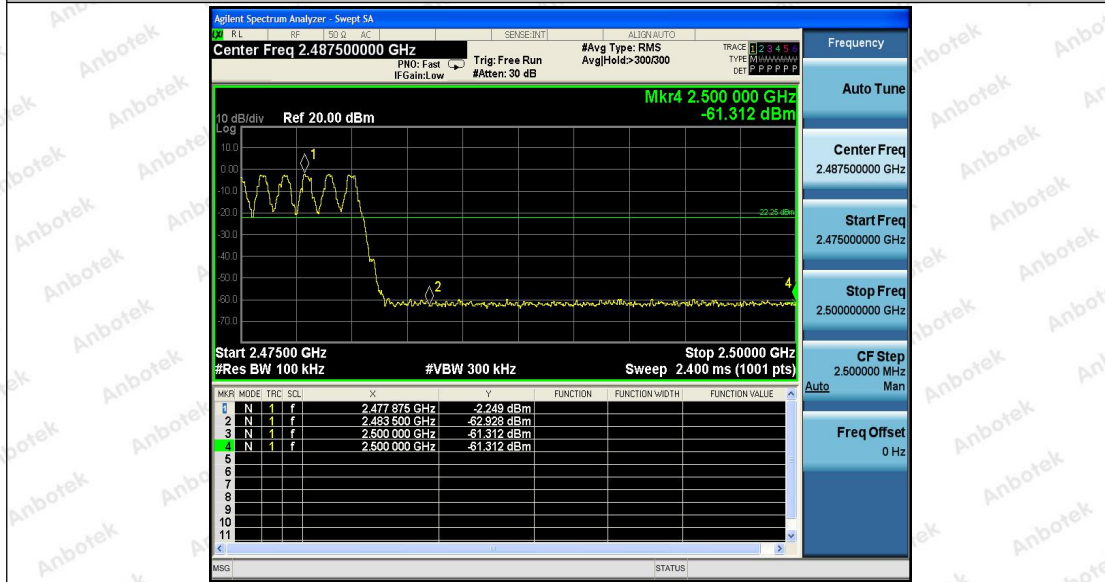
TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-3.51	-60.49	≤-23.51	PASS
		High	2480	-2.27	-59.97	≤-22.27	PASS
		Low	Hop	-3.91	-59.12	≤-23.91	PASS
		High	Hop	-2.25	-61.31	≤-22.25	PASS

## Test Graphs





DH5\_Ant1\_High\_Hop

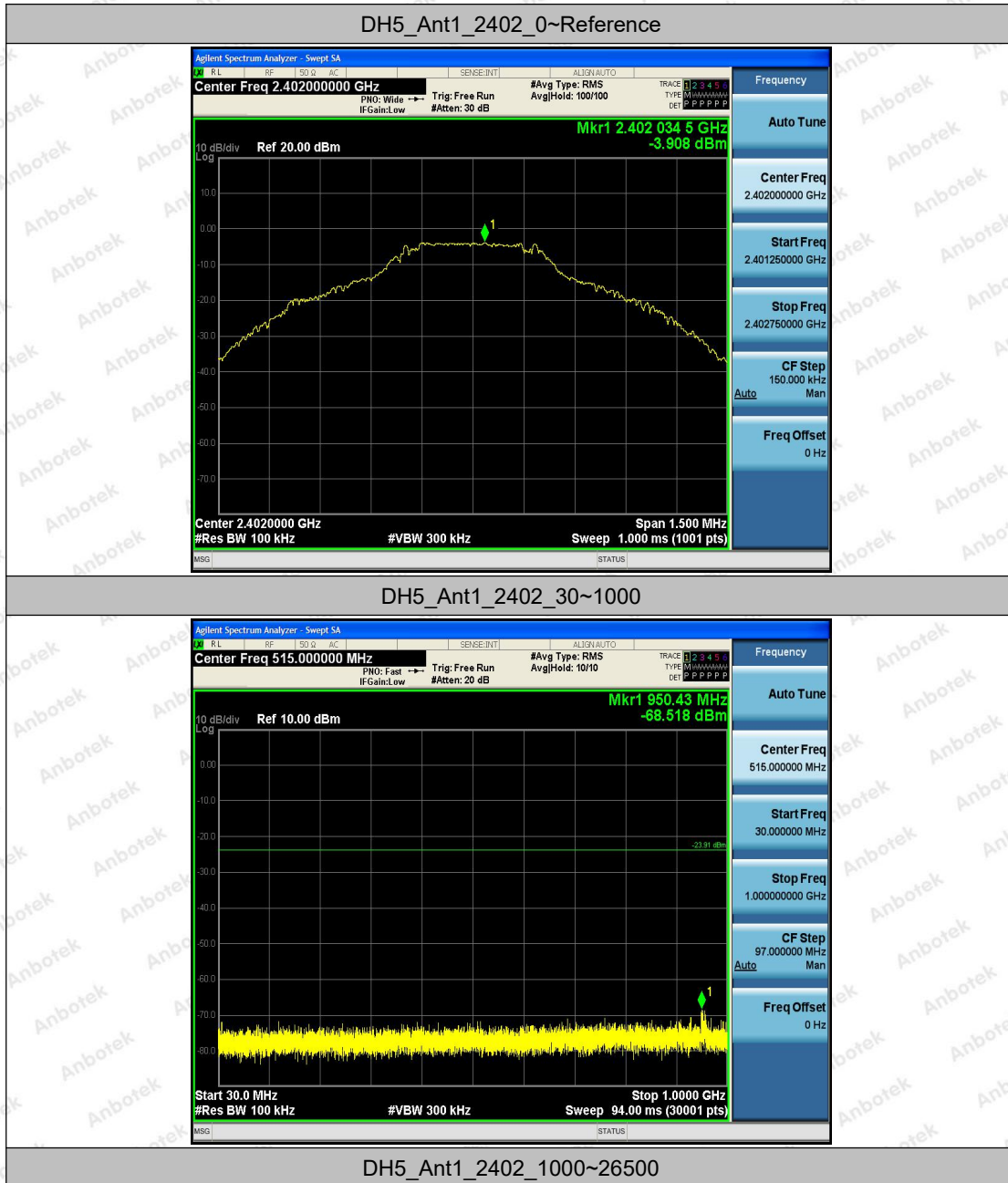


## Appendix H: Conducted Spurious Emission

### Test Result

TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	Reference	-3.91	-3.91	---	PASS
			30~1000	-3.91	-68.52	≤-23.91	PASS
			1000~26500	-3.91	-43.21	≤-23.91	PASS
		2441	Reference	-2.24	-2.24	---	PASS
			30~1000	-2.24	-67.48	≤-22.24	PASS
			1000~26500	-2.24	-44.2	≤-22.24	PASS
		2480	Reference	-2.58	-2.58	---	PASS
			30~1000	-2.58	-69.3	≤-22.58	PASS
			1000~26500	-2.58	-50.42	≤-22.58	PASS

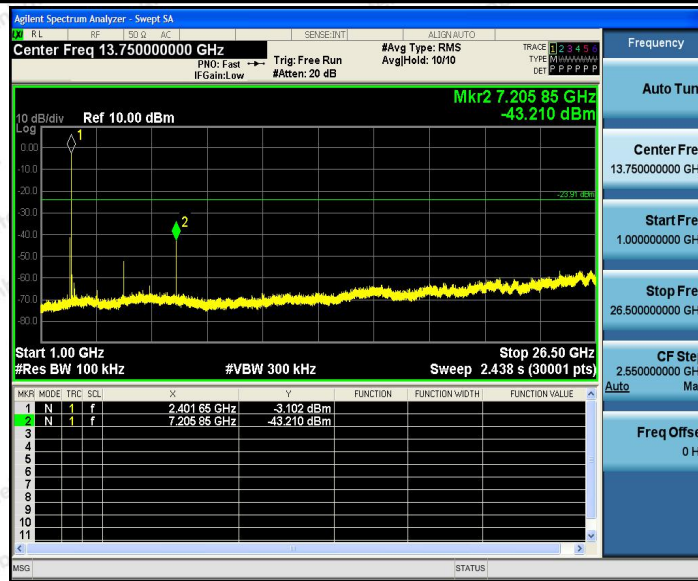
## Test Graphs



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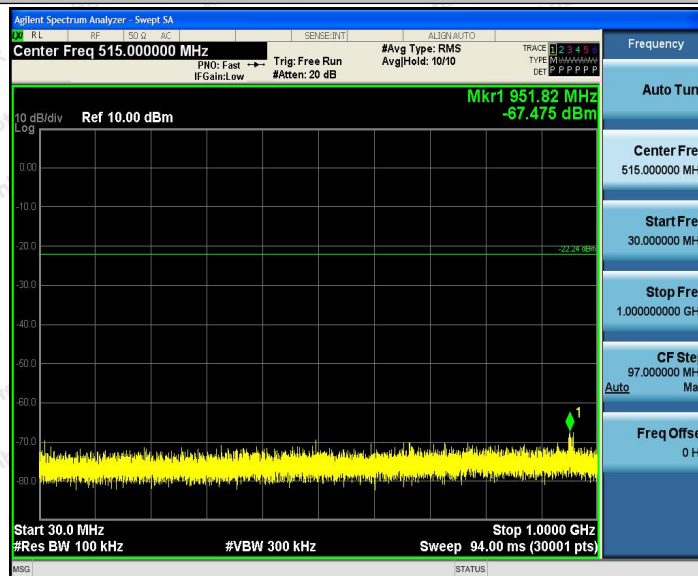
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DH5\_Ant1\_2441\_0~Reference



DH5\_Ant1\_2441\_30~1000

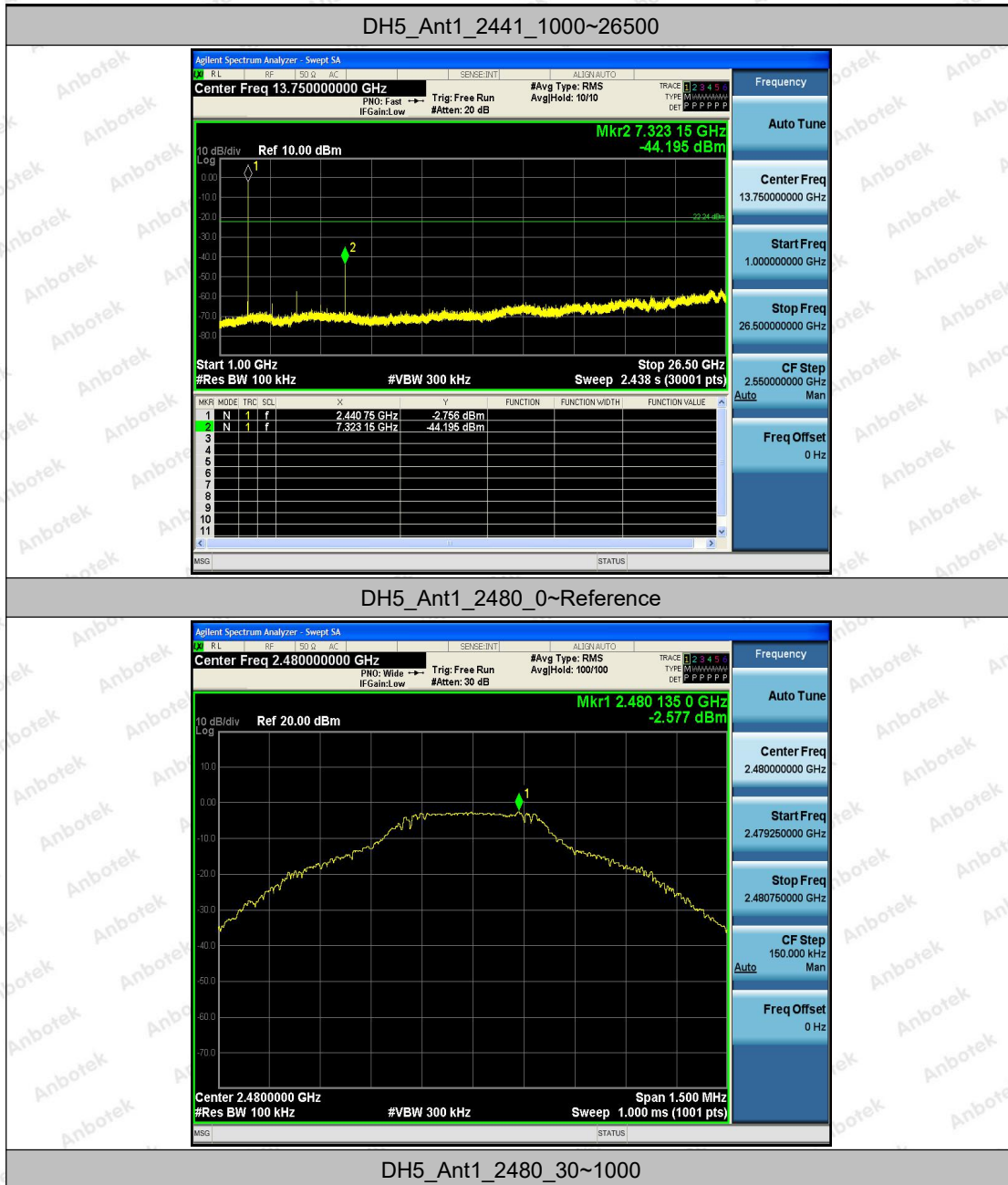


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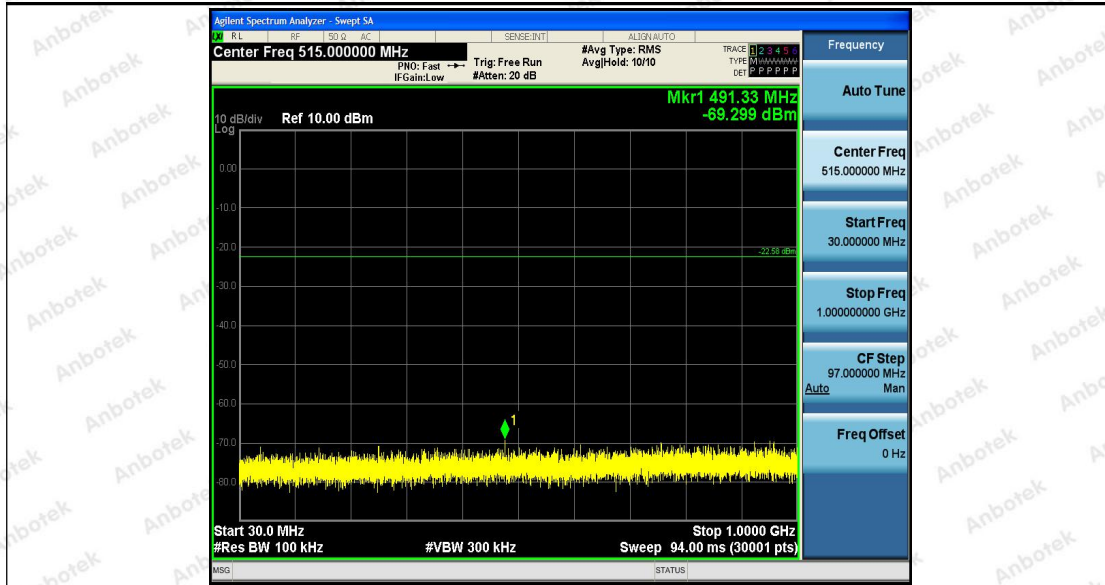
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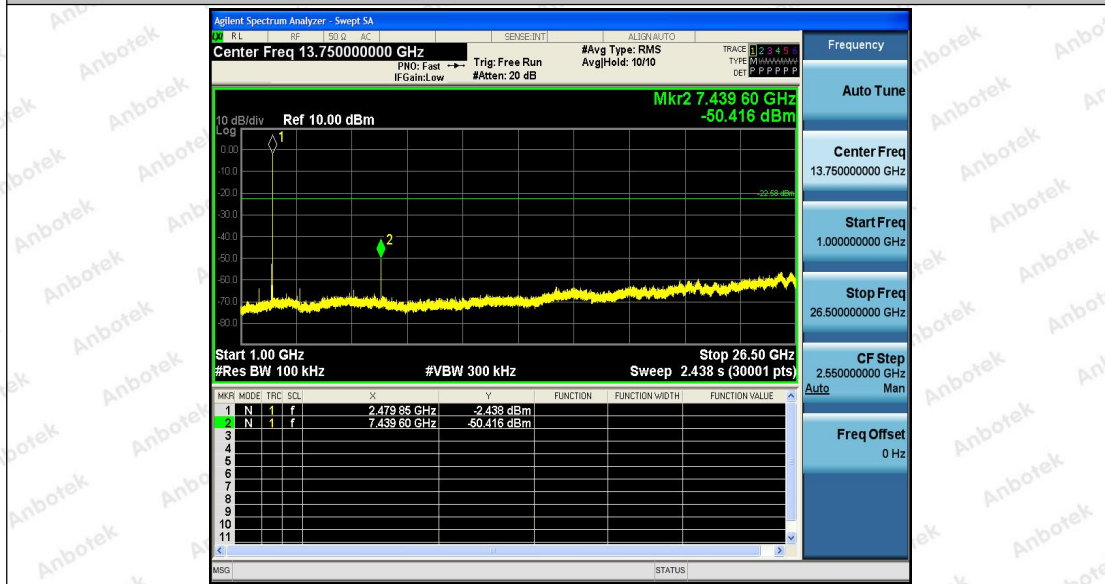
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DH5\_Ant1\_2480\_1000~26500



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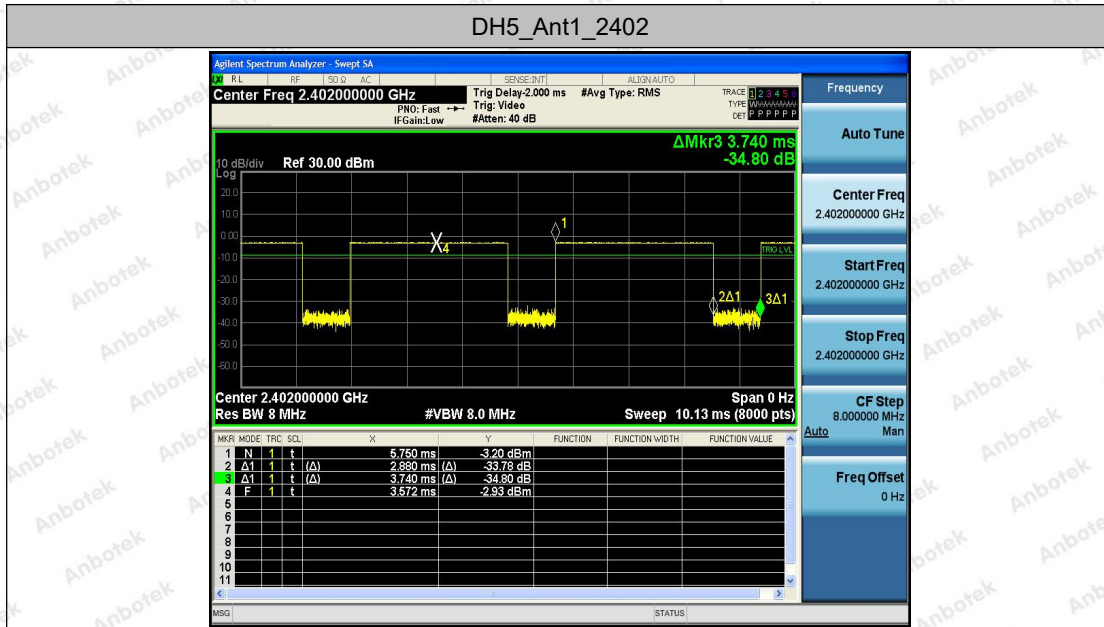
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## Appendix I: Duty Cycle

### Test Result

TestMode	Antenna	Channel	ON Time [ms]	Period [ms]	X	DC [%]	xFactor	Limit	Verdict
DH5	Ant1	2402	2.88	3.74	0.770 1	77.01	1.13	---	PASS

## Test Graphs



---End---