

## Appendix Test Data

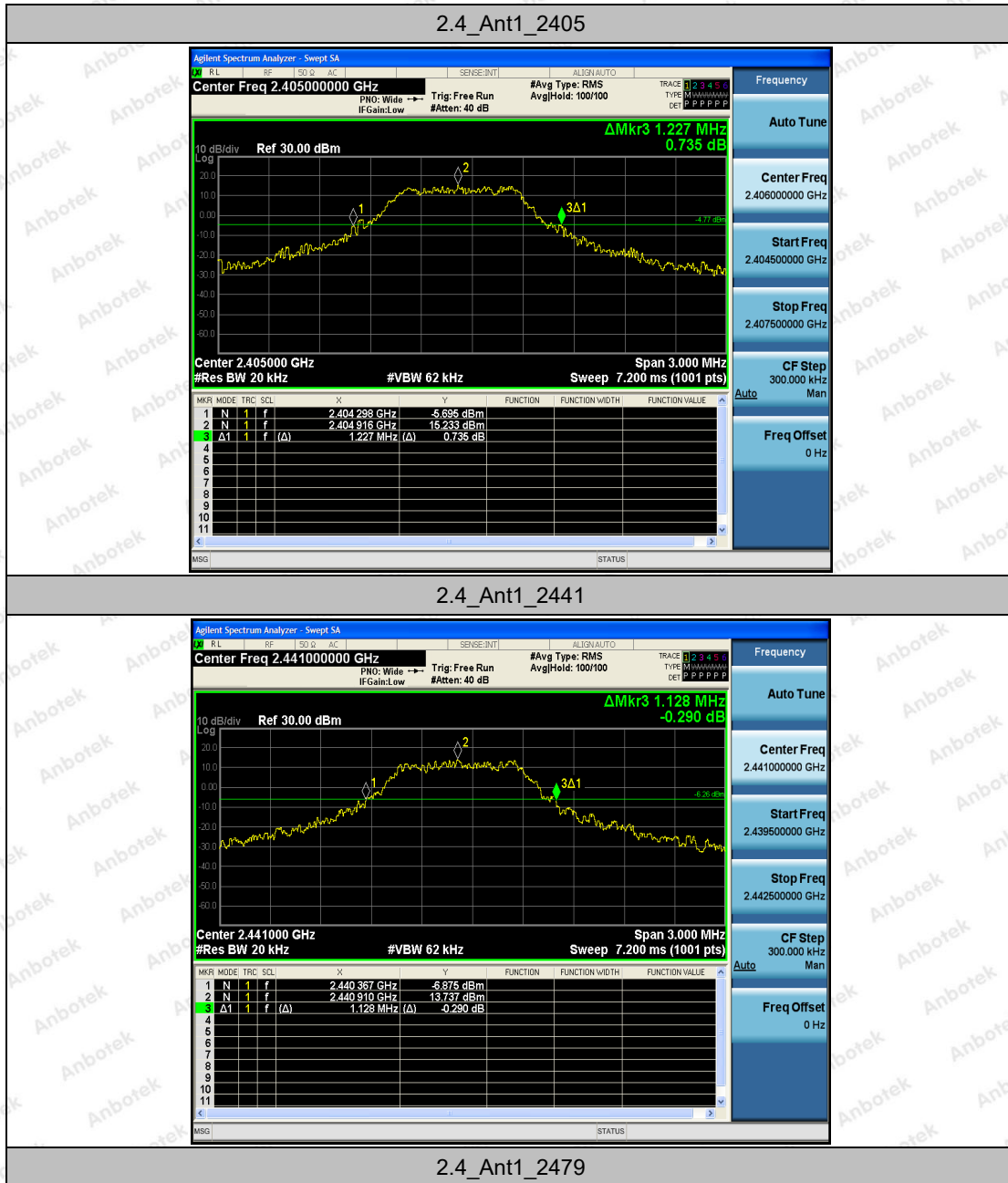
Report No.:	18220WC10283101	Test Sample No.:	1-2-2
Start Test Date:	2022.1.6	Finish Test Date:	2022.3.25
Test Engineer:	<i>Jony He</i>	Auditor:	<i>Edward Pan</i>
Temperature:	24.3°C	Relative Humidity:	57.1 %
Pressure:	1012 hPa		

## Appendix A: 20dB Emission Bandwidth

## Test Result

TestMode	Antenna	Channel	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
2.4	Ant1	2405	1.227	2404.298	2405.525	---	PASS
		2441	1.128	2440.367	2441.495	---	PASS
		2479	1.077	2478.403	2479.480	---	PASS

## Test Graphs

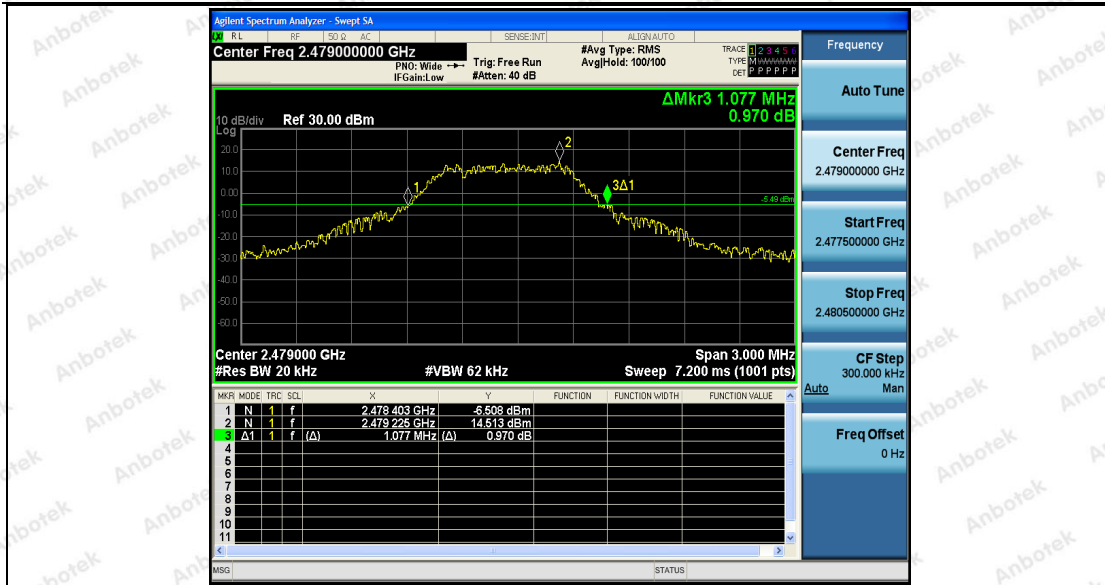


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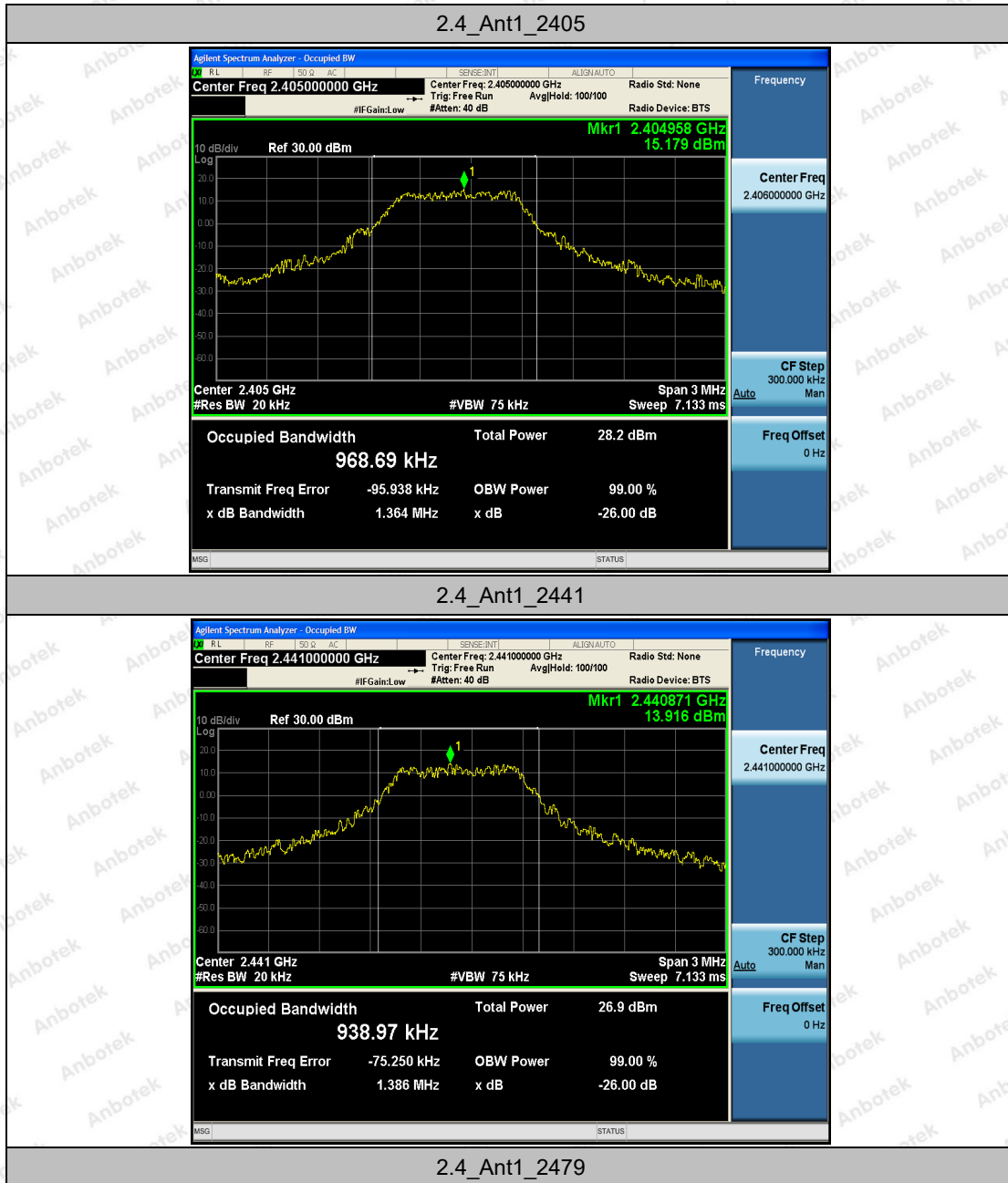
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## Appendix B: Occupied Channel Bandwidth

### Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
2.4	Ant1	2405	0.96869	2404.420	2405.388	---	PASS
		2441	0.93897	2440.455	2441.394	---	PASS
		2479	0.95014	2478.450	2479.400	---	PASS

## Test Graphs

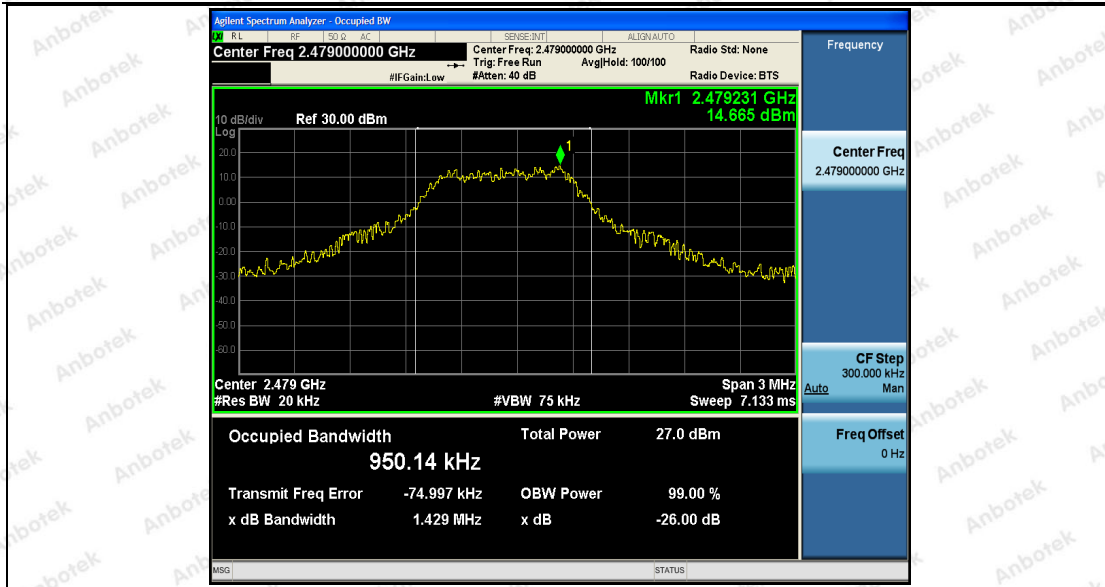


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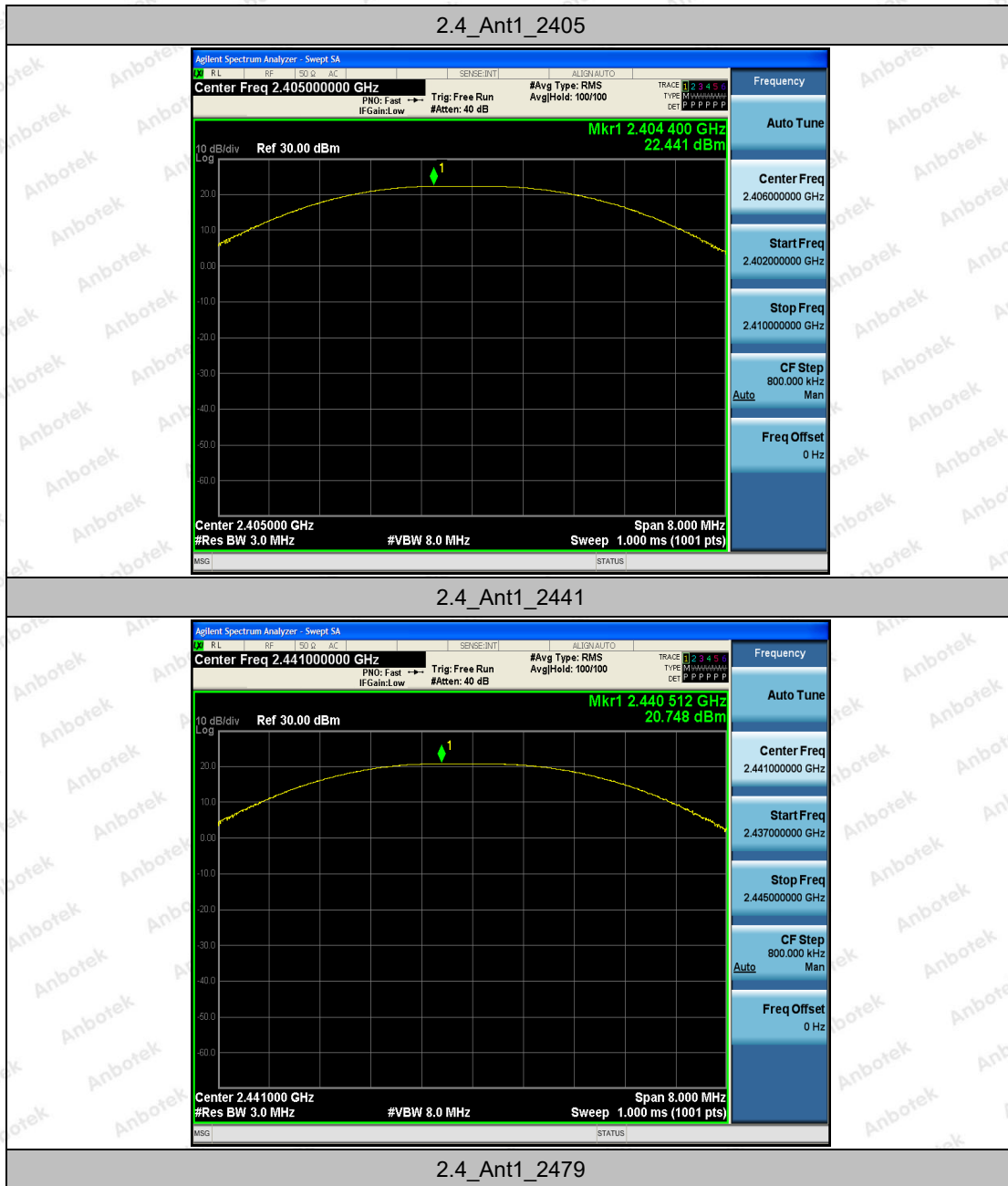
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## Appendix C: Maximum conducted output power

### Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
2.4	Ant1	2405	22.44	≤30	PASS
		2441	20.75	≤30	PASS
		2479	21.1	≤30	PASS

## Test Graphs

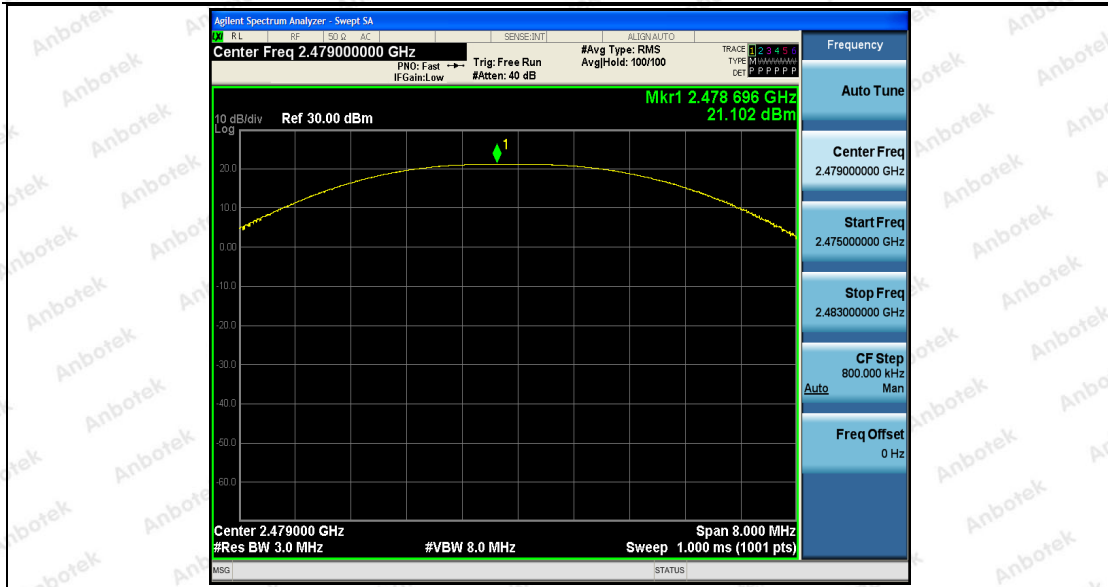


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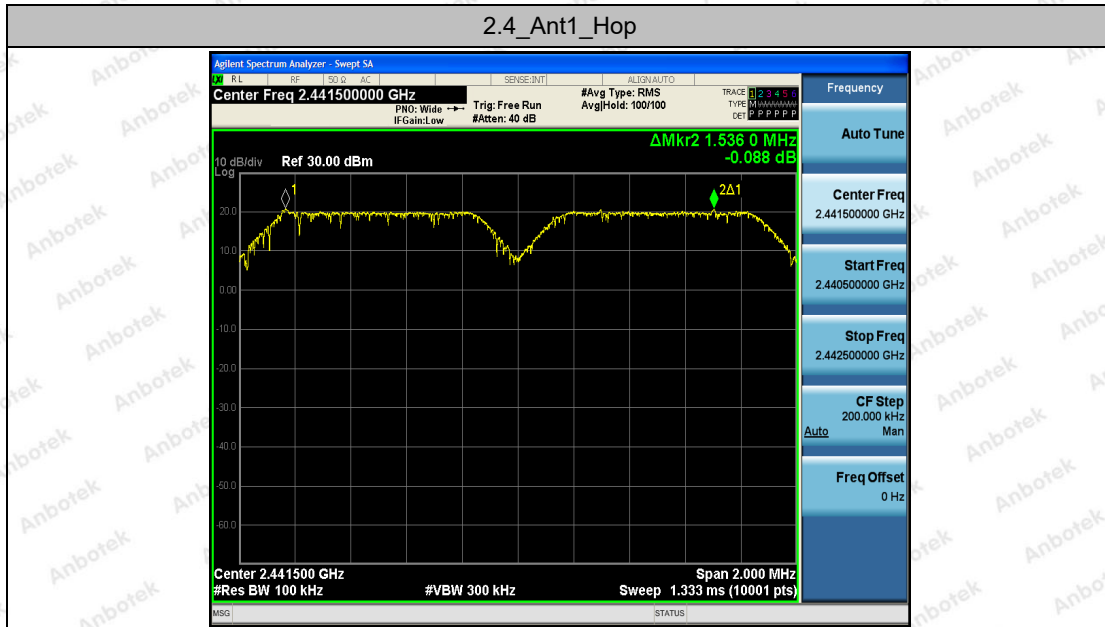
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## Appendix D: Carrier frequency separation

### Test Result

TestMode	Antenna	Channel	Result[MHz]	Limit[MHz]	Verdict
2.4	Ant1	Hop	1.536	≥0.818	PASS

## Test Graphs



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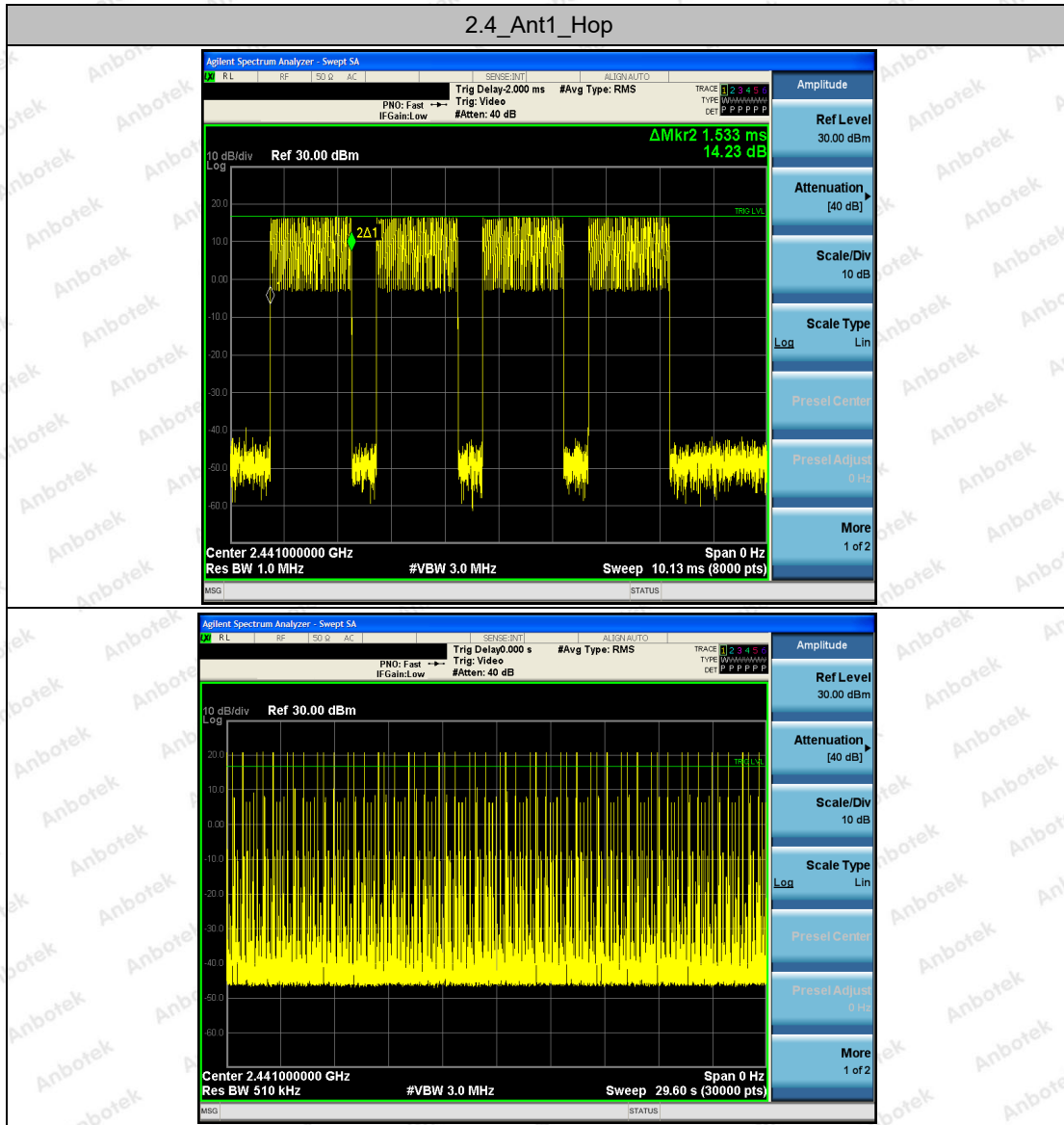
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## Appendix E: Time of occupancy

### Test Result

TestMode	Antenna	Channel	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
2.4	Ant1	Hop	1.53	55	0.084	≤0.4	PASS

## Test Graphs



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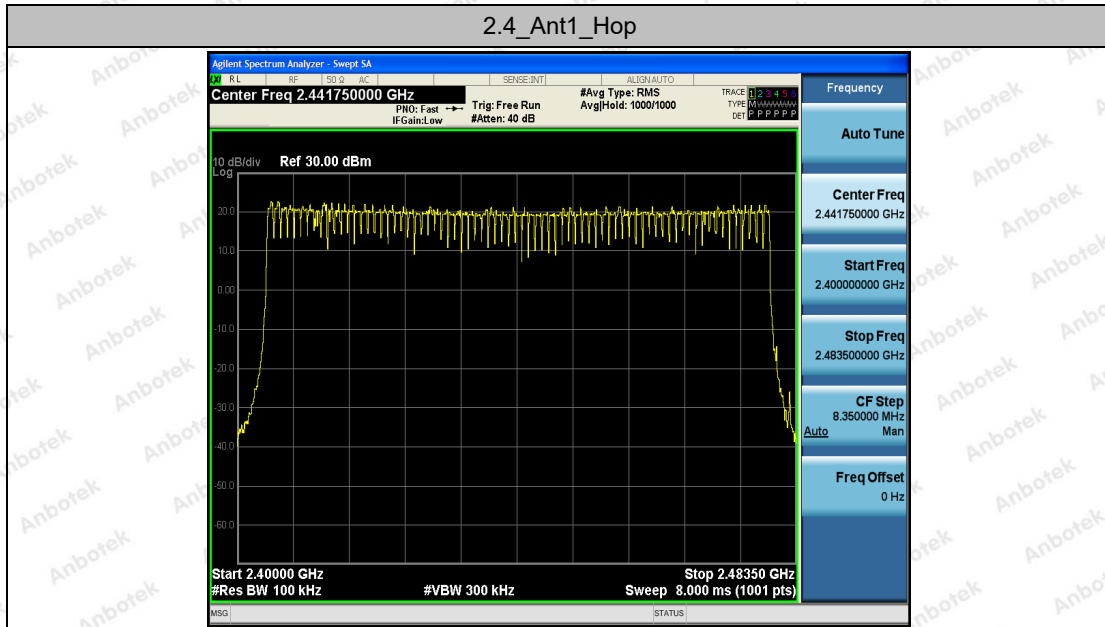
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## Appendix F: Number of hopping channels

### Test Result

TestMode	Antenna	Channel	Result[Num]	Limit[Num]	Verdict
2.4	Ant1	Hop	75	≥15	PASS

## Test Graphs



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## Appendix G: Band edge measurements

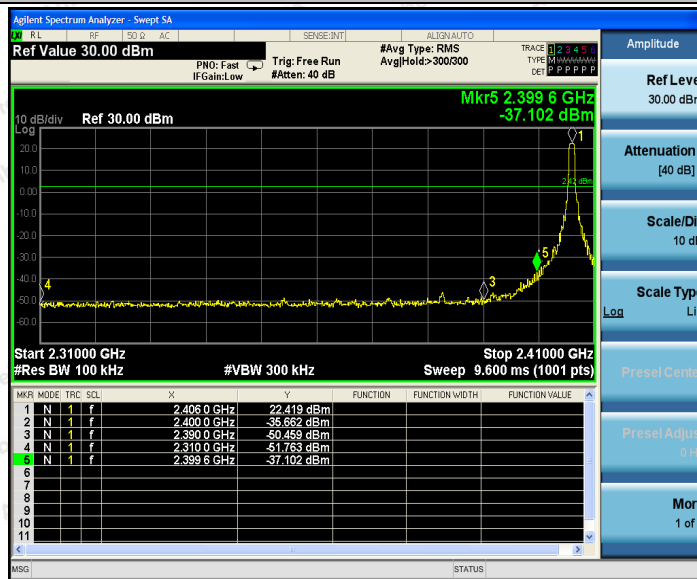
### Test Result

TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
2.4	Ant1	Low	2405	22.42	-37.1	≤2.42	PASS
		High	2479	21.05	-32.71	≤1.05	PASS
		Low	Hop	22.27	-46.5	≤2.27	PASS
		High	Hop	21.43	-49.05	≤1.43	PASS

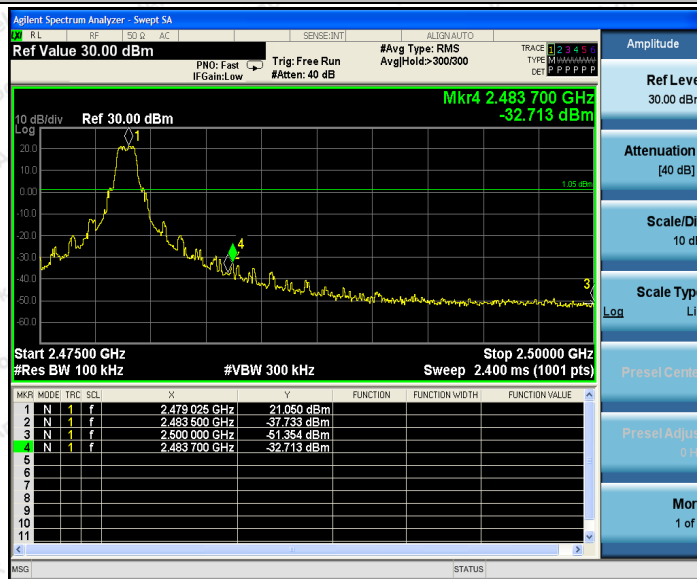


## Test Graphs

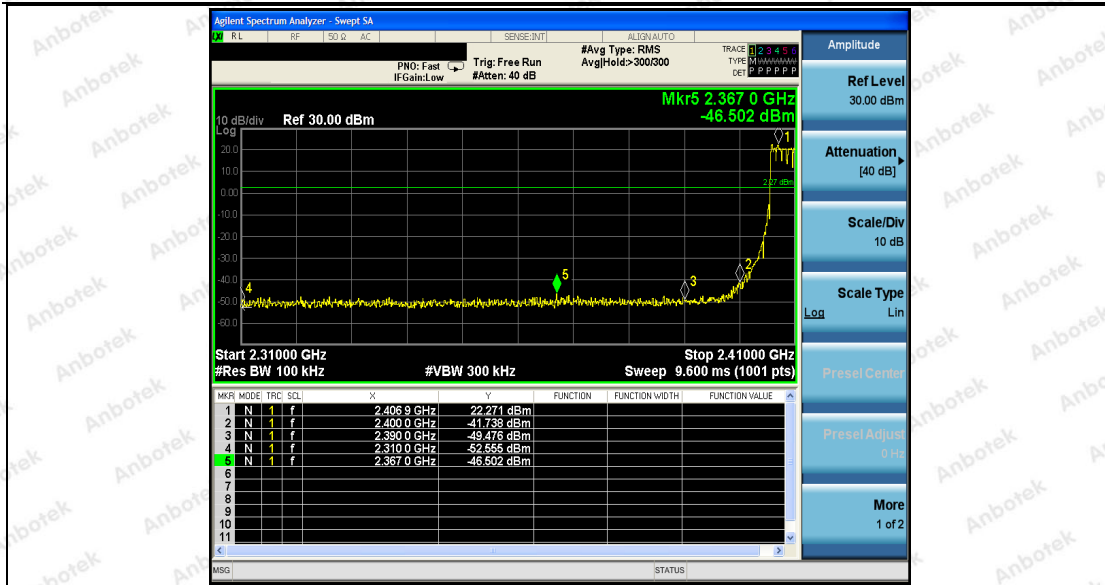
2.4\_Ant1\_Low\_2405



2.4\_Ant1\_High\_2479



2.4\_Ant1\_Low\_Hop



2.4\_Ant1\_High\_Hop



## Appendix H: Conducted Spurious Emission

### Test Result

TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
2.4	Ant1	2405	Reference	21.88	21.88	---	PASS
			30~1000	21.88	-50.86	≤1.88	PASS
			1000~26500	21.88	-31.67	≤1.88	PASS
		2441	Reference	20.49	20.49	---	PASS
			30~1000	20.49	-51.38	≤0.49	PASS
			1000~26500	20.49	-30.23	≤0.49	PASS
		2479	Reference	20.82	20.82	---	PASS
			30~1000	20.82	-50.83	≤0.82	PASS
			1000~26500	20.82	-32.55	≤0.82	PASS

## Test Graphs

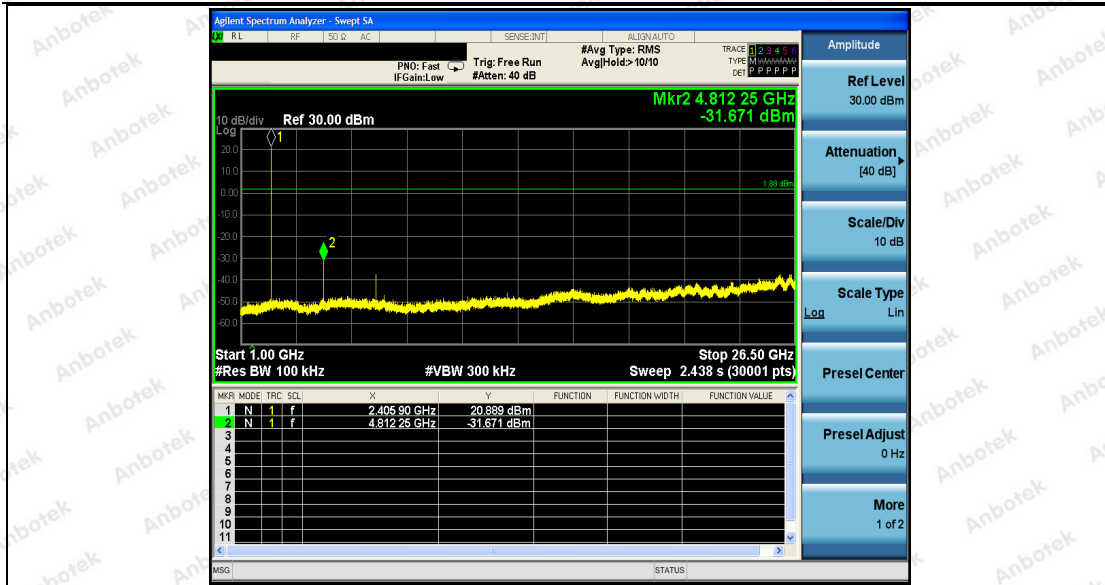


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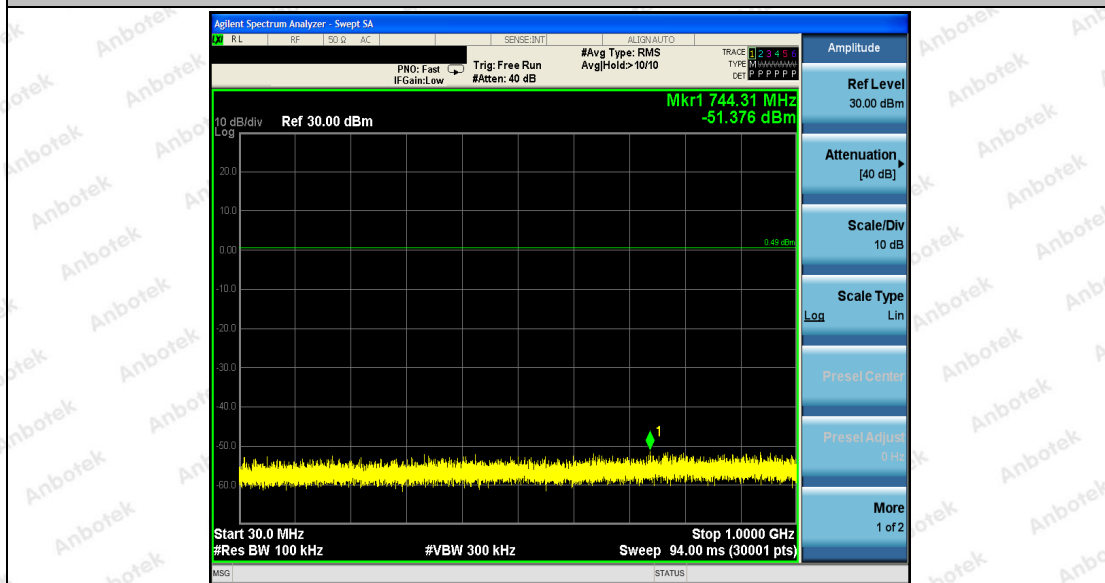
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2.4\_Ant1\_2441\_0~Reference



2.4\_Ant1\_2441\_30~1000

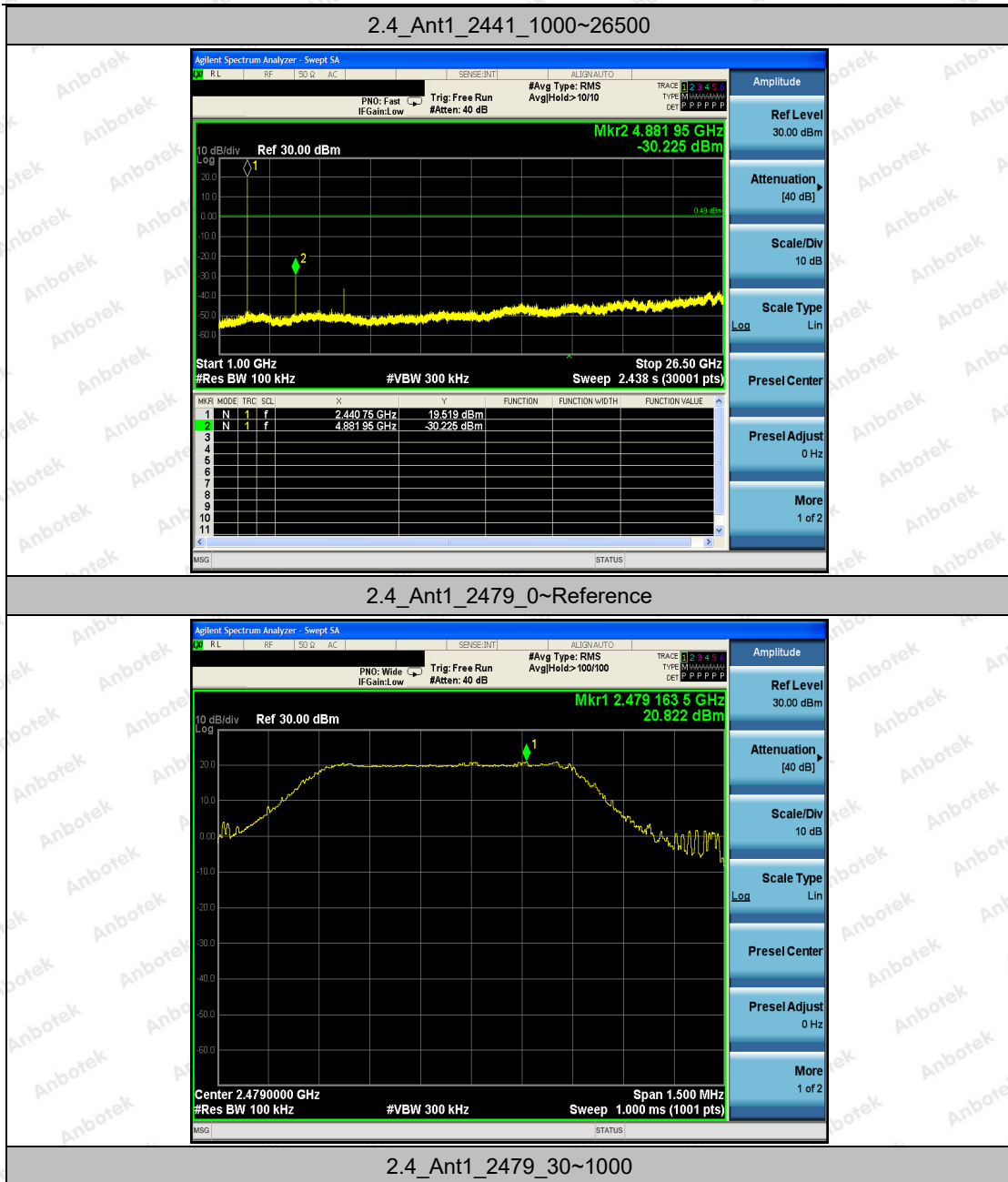


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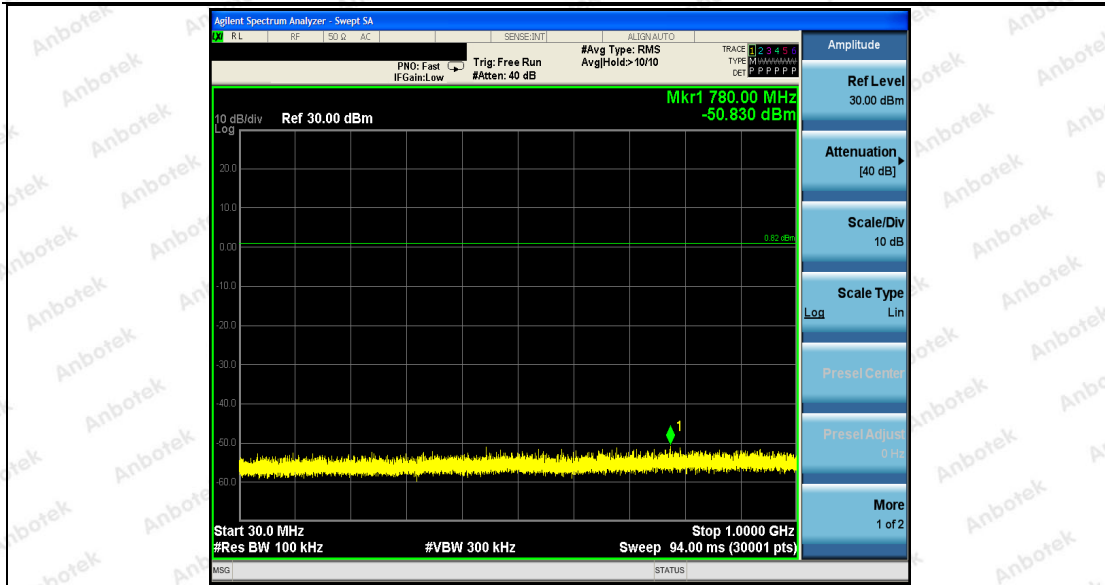


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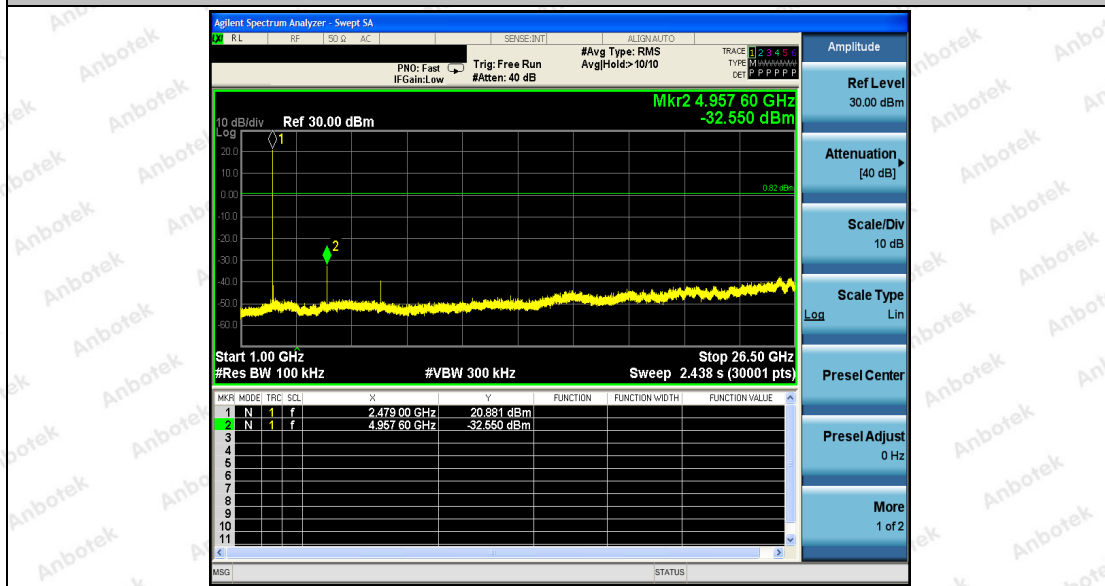
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2.4\_Ant1\_2479\_1000~26500



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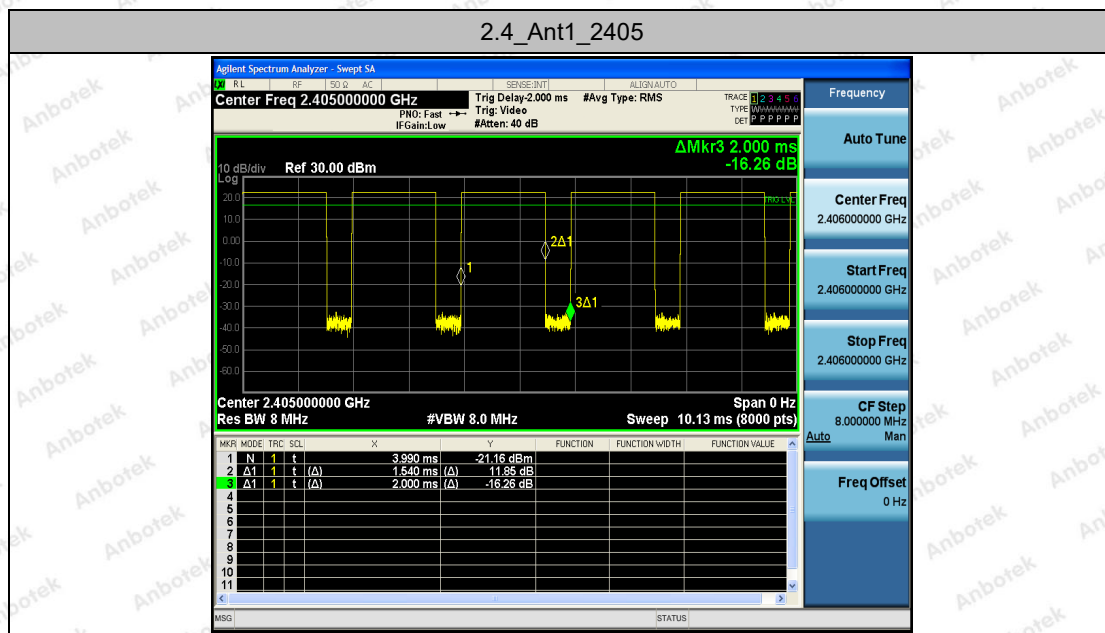
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## Appendix I: Duty Cycle

### Test Result

TestMode	Antenna	Channel	ON Time [ms]	Period [ms]	X	DC [%]	xFactor	Limit	Verdict
2.4	Ant1	2405	1.54	2.00	0.7700	77.00	1.14	---	PASS

### Test Graphs



---End---