

## Appendix Test Data

Report No.:	18220WC30271601	Test Sample No.:	1-2-2
Start Test Date:	2023.12.24	Finish Test Date:	2023.12.25
Test Engineer:	Hayman Chen	Auditor:	RICK Luo
Temperature:	25.2°C	Relative Humidity:	46%
Pressure:	101kPa		

## Appendix A: DTS Bandwidth

### Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
2.4G	Ant1	2405	1.504	2404.304	2405.808	0.5	PASS
		2430	1.492	2429.352	2430.844	0.5	PASS
		2470	1.664	2469.244	2470.908	0.5	PASS

### Test Graphs



## 2.4G\_Ant1\_2430



## 2.4G\_Ant1\_2470



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## Appendix B: Occupied Channel Bandwidth

### Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]
2.4G	Ant1	2405	2.2619	2403.9430	2406.2049
		2430	2.2992	2428.9213	2431.2205
		2470	2.3100	2468.9174	2471.2274

### Test Graphs



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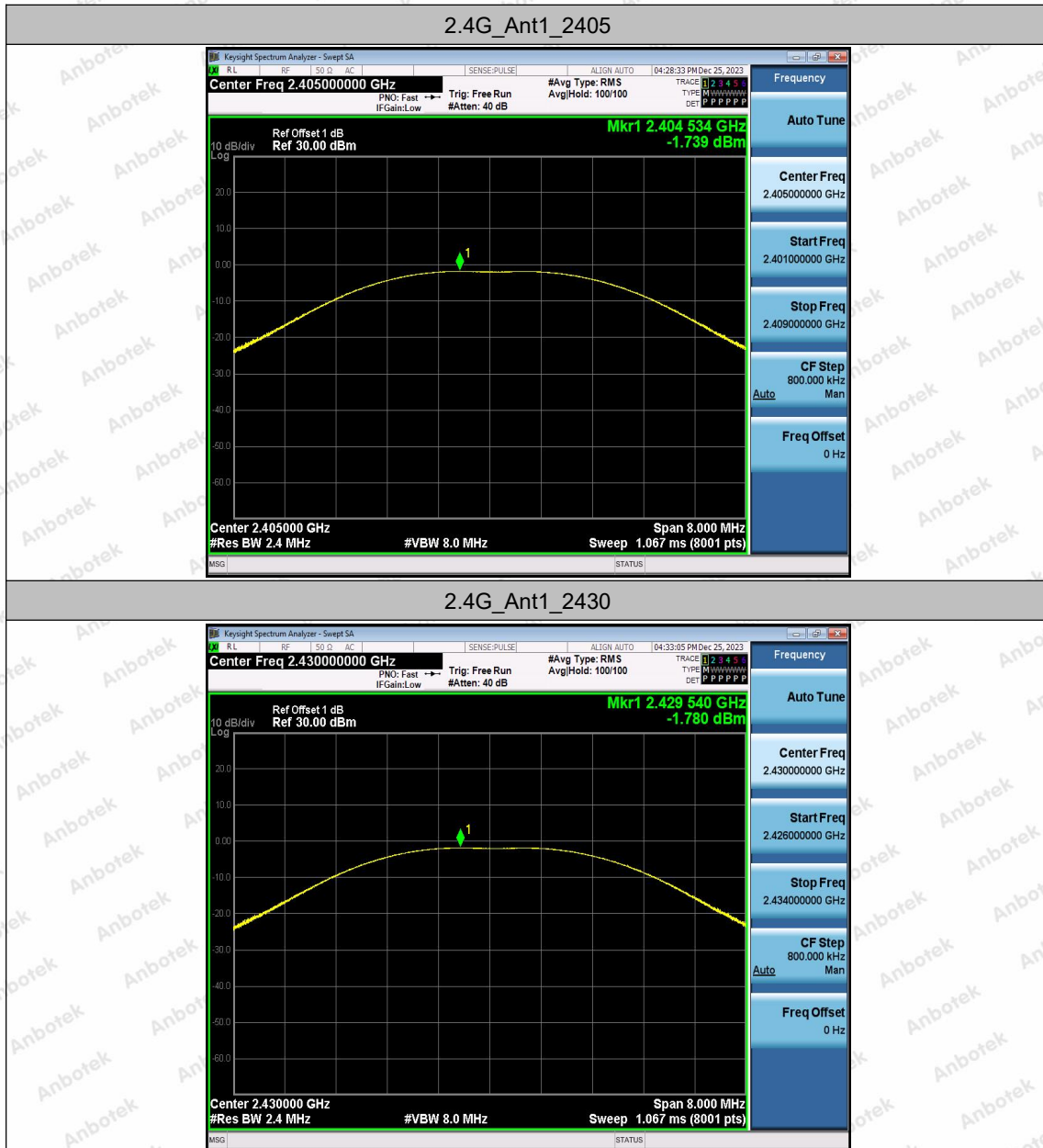


## Appendix C: Maximum conducted output power

### Test Result Peak

TestMode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
2.4G	Ant1	2405	-1.74	≤30	PASS
		2430	-1.78	≤30	PASS
		2470	-2.10	≤30	PASS

### Test Graphs Peak

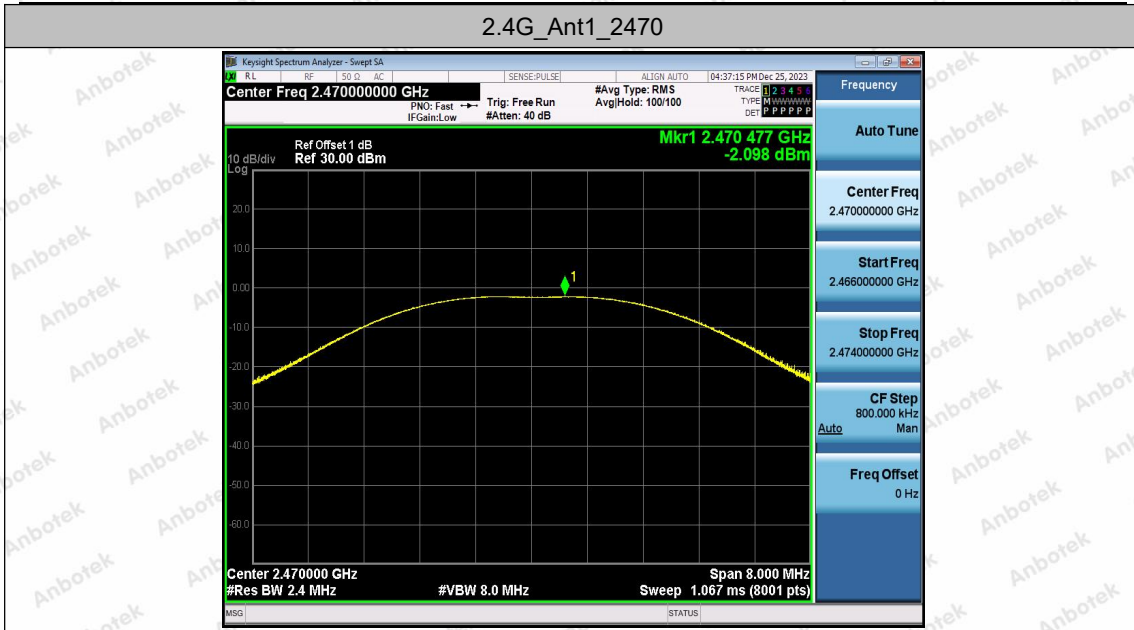


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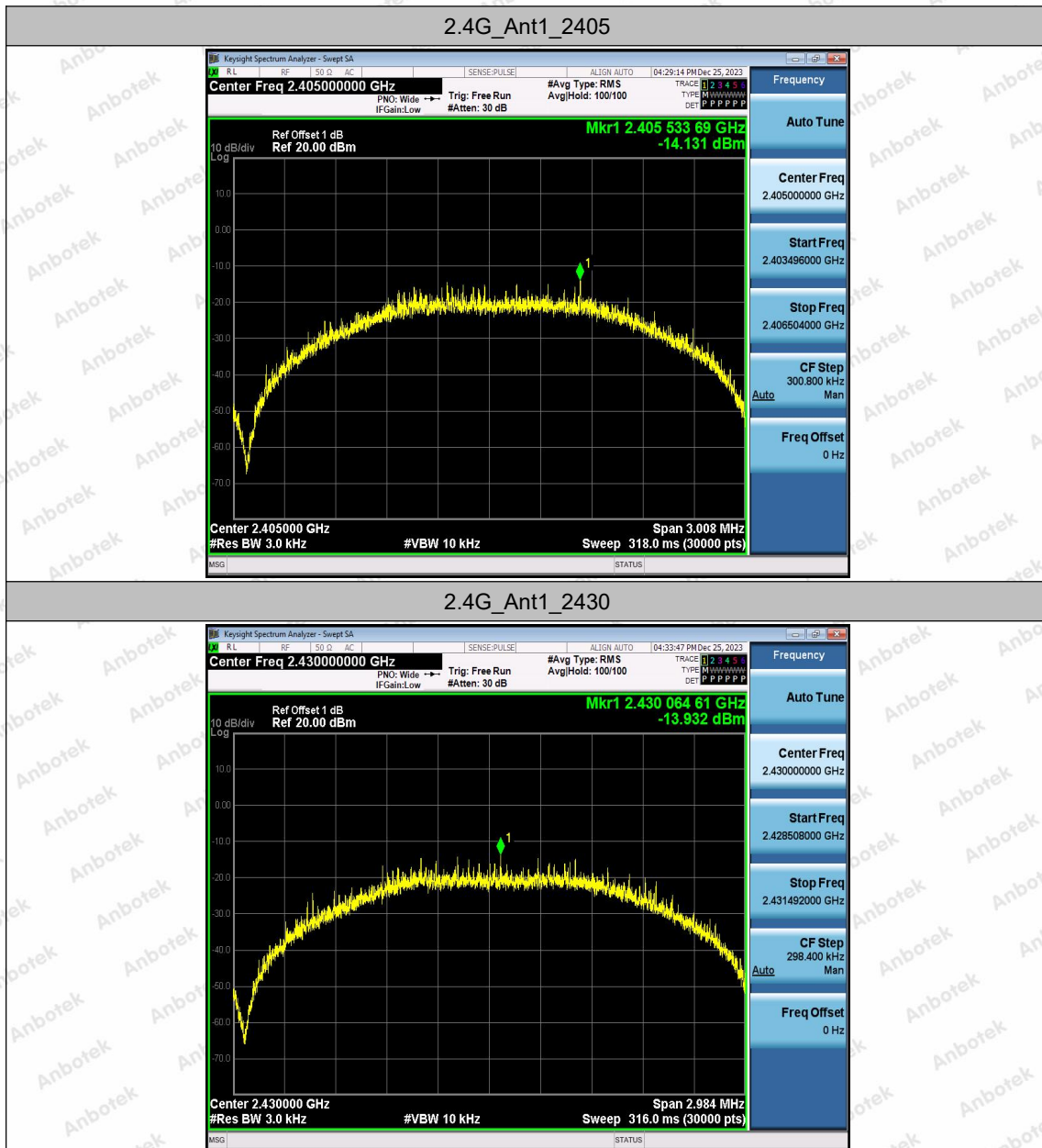


## Appendix D: Maximum power spectral density

### Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
2.4G	Ant1	2405	-14.13	≤8.00	PASS
		2430	-13.93	≤8.00	PASS
		2470	-12.73	≤8.00	PASS

### Test Graphs

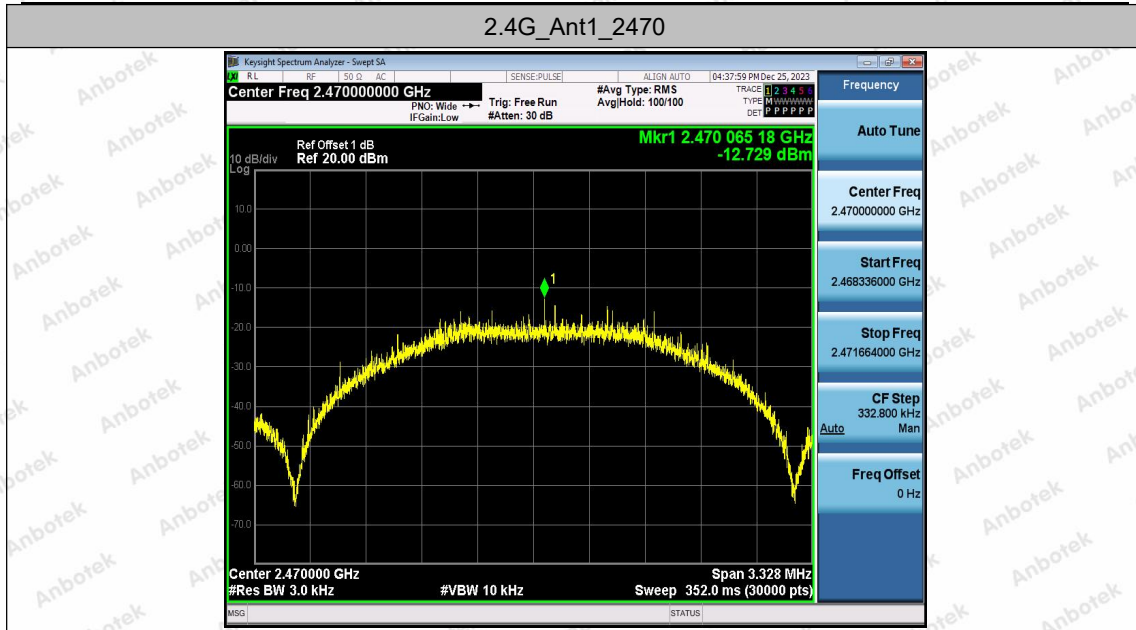


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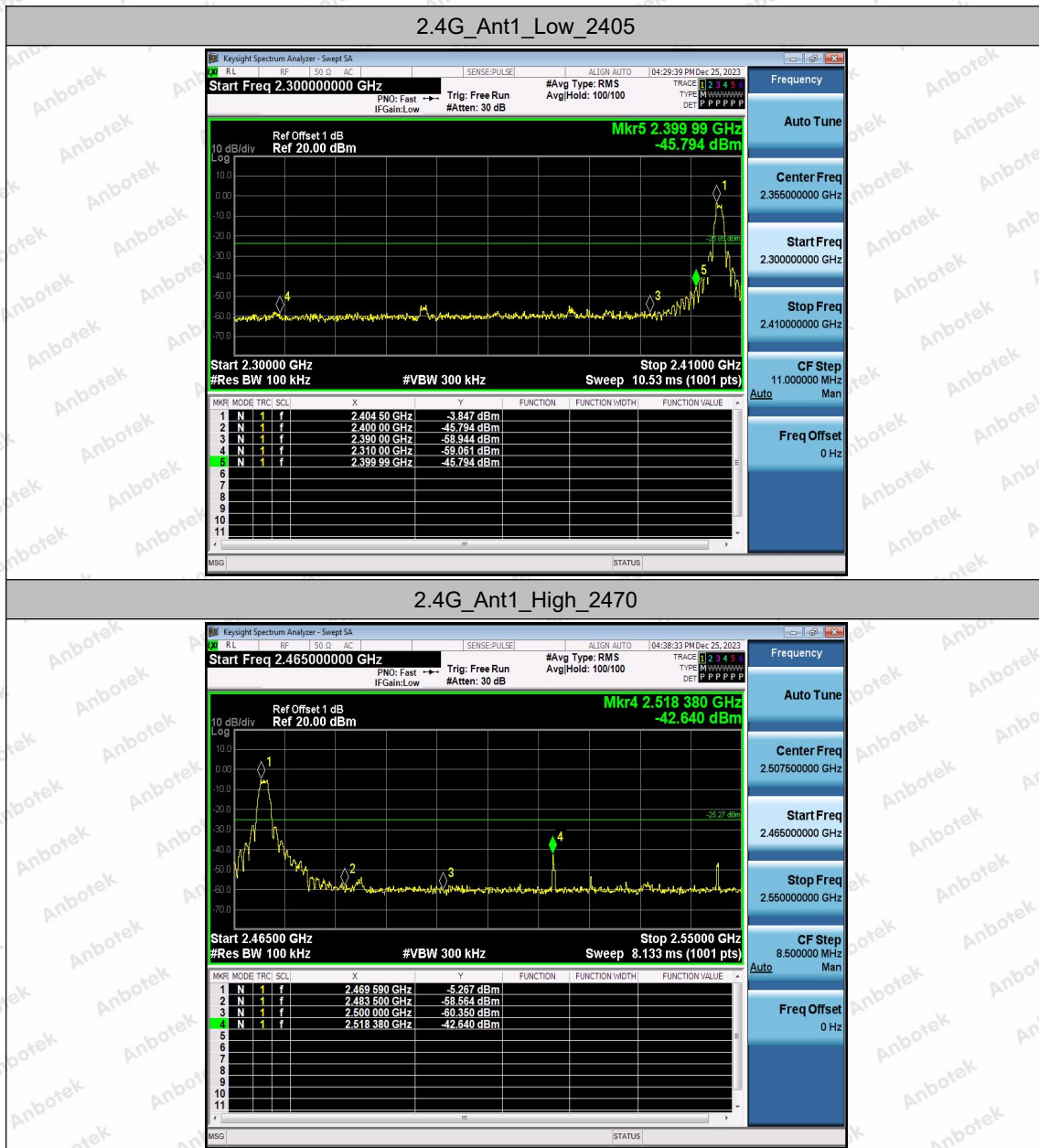


## Appendix E: Band edge measurements

### Test Result

TestMod e	Antenn a	ChNam e	Frequency[MHz ]	RefLevel[dBm ]	Result[dBm ]	Limit[dBm ]	Verdic t
2.4G	Ant1	Low	2405	-3.85	-45.79	≤-23.85	PASS
		High	2470	-5.27	-42.64	≤-25.27	PASS

### Test Graphs



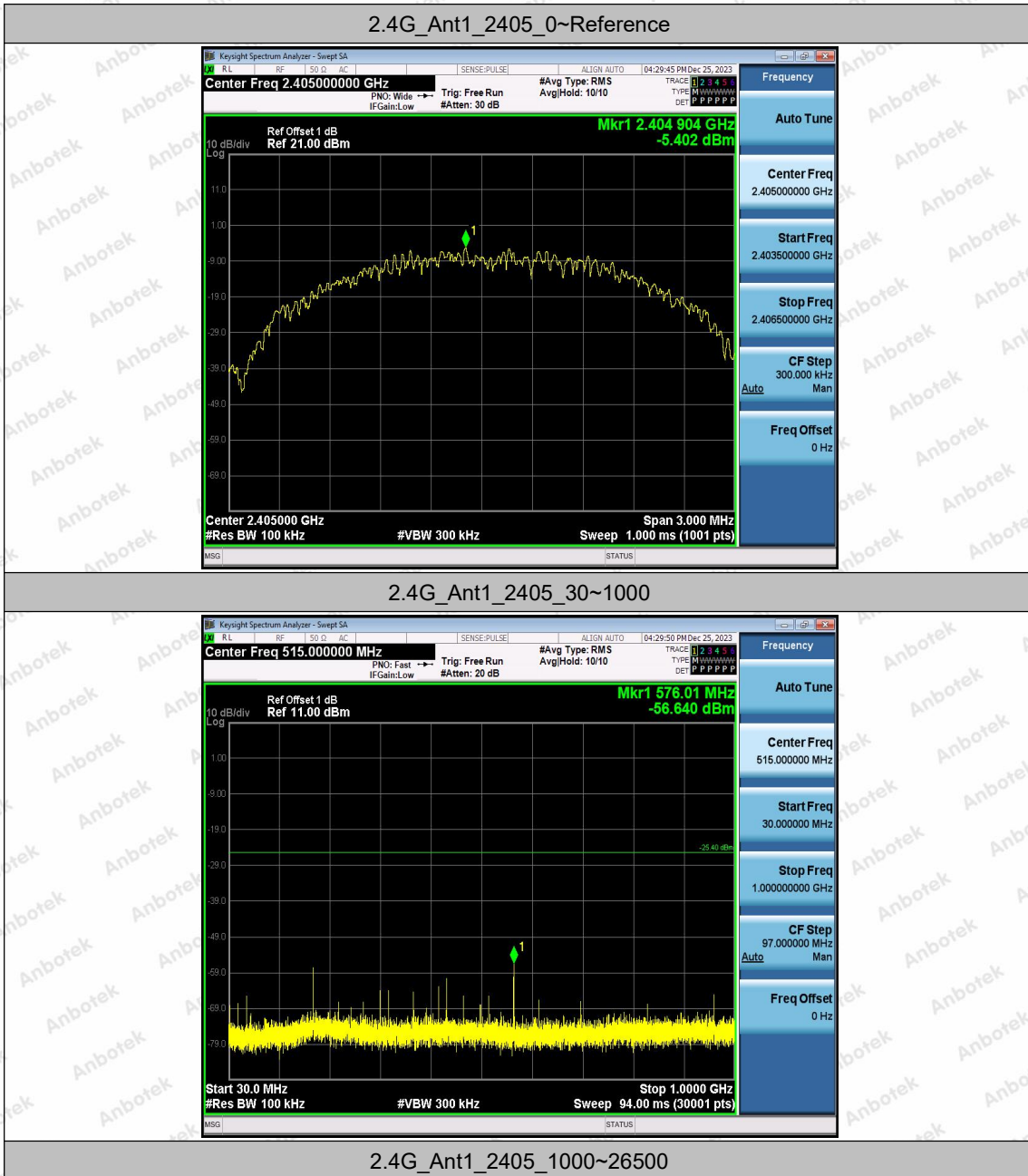
## Appendix F: Conducted Spurious Emission

### Test Result

TestMode	Antenna	Frequency [MHz]	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
2.4G	Ant1	2405	Reference	-5.40	-5.40	---	PASS
			30~1000	-5.40	-56.64	≤-25.4	PASS
			1000~2650	-5.40	-33.47	≤-25.4	PASS
		2430	Reference	-5.46	-5.46	---	PASS
			30~1000	-5.46	-56.74	≤-25.46	PASS
			1000~2650	-5.46	-32.02	≤-25.46	PASS
		2470	Reference	-5.74	-5.74	---	PASS
			30~1000	-5.74	-56.53	≤-25.74	PASS
			1000~2650	-5.74	-31.79	≤-25.74	PASS



## Test Graphs

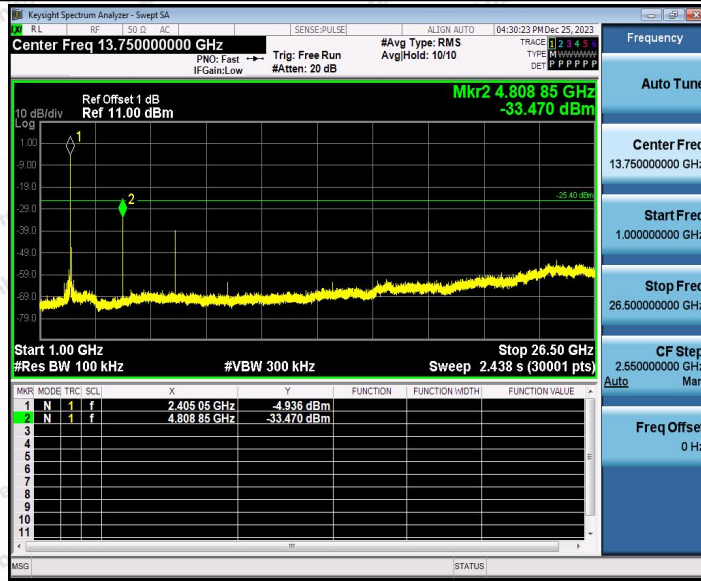


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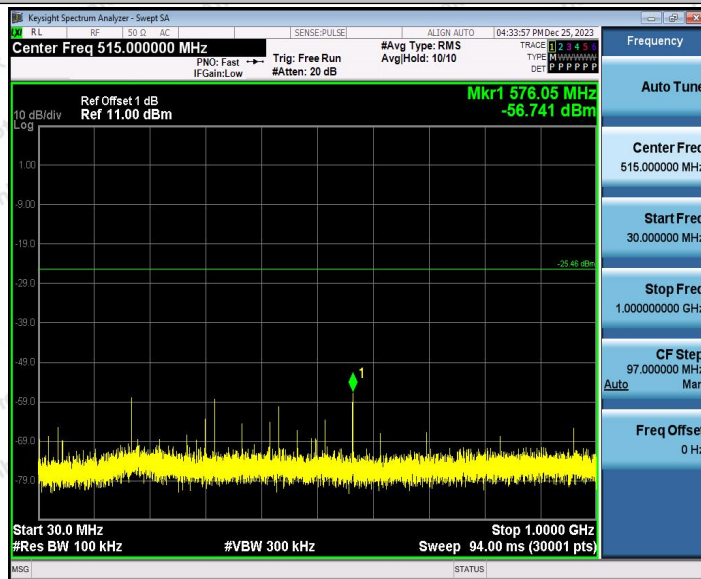




2.4G\_Ant1\_2430\_0~Reference



2.4G\_Ant1\_2430\_30~1000



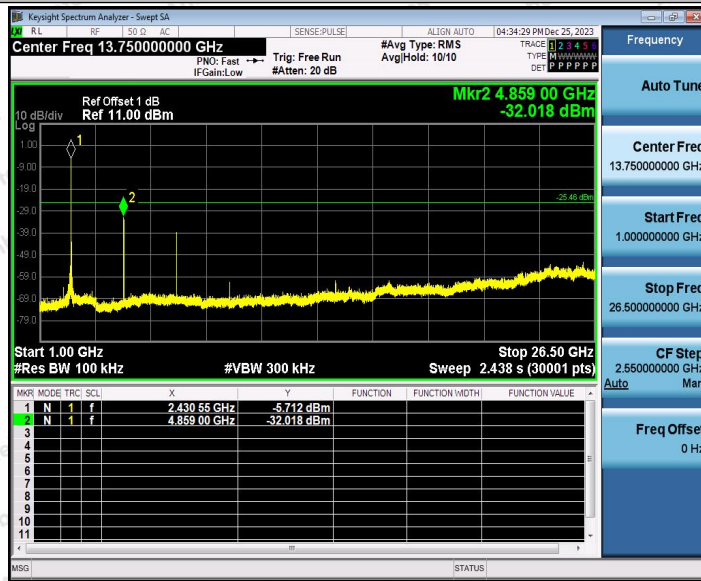
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### 2.4G\_Ant1\_2430\_1000~26500



### 2.4G\_Ant1\_2470\_0~Reference



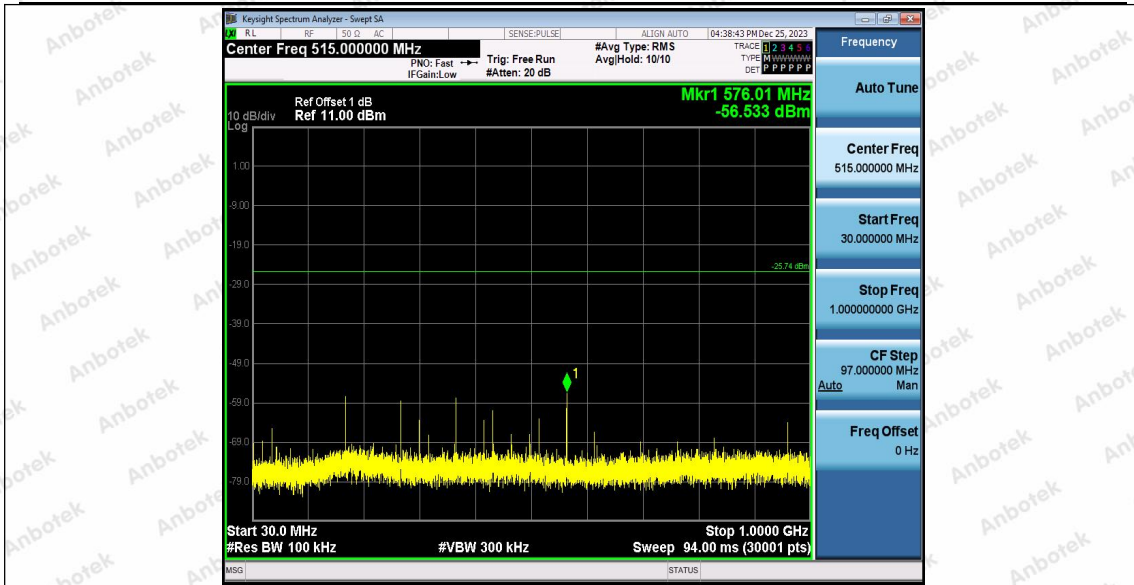
### 2.4G\_Ant1\_2470\_30~1000

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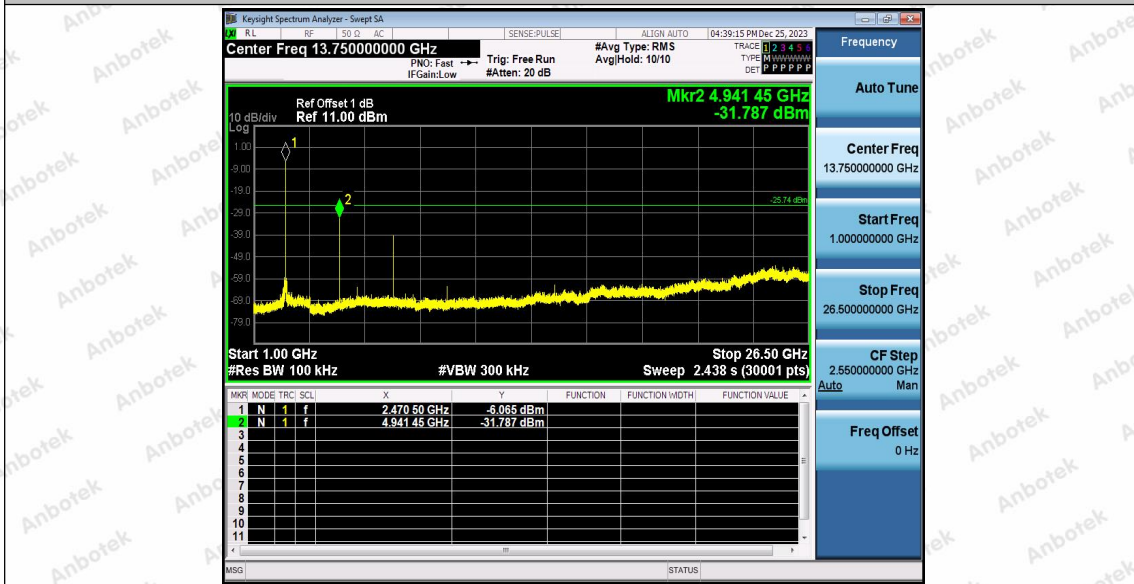
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2.4G\_Ant1\_2470\_1000~26500



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## Appendix G: Duty Cycle

### Test Result

TestMode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
2.4G	Ant1	2405	19.00	19.00	100	0.00
		2430	19.00	19.00	100	0.00
		2470	19.00	19.00	100	0.00

### Test Graphs

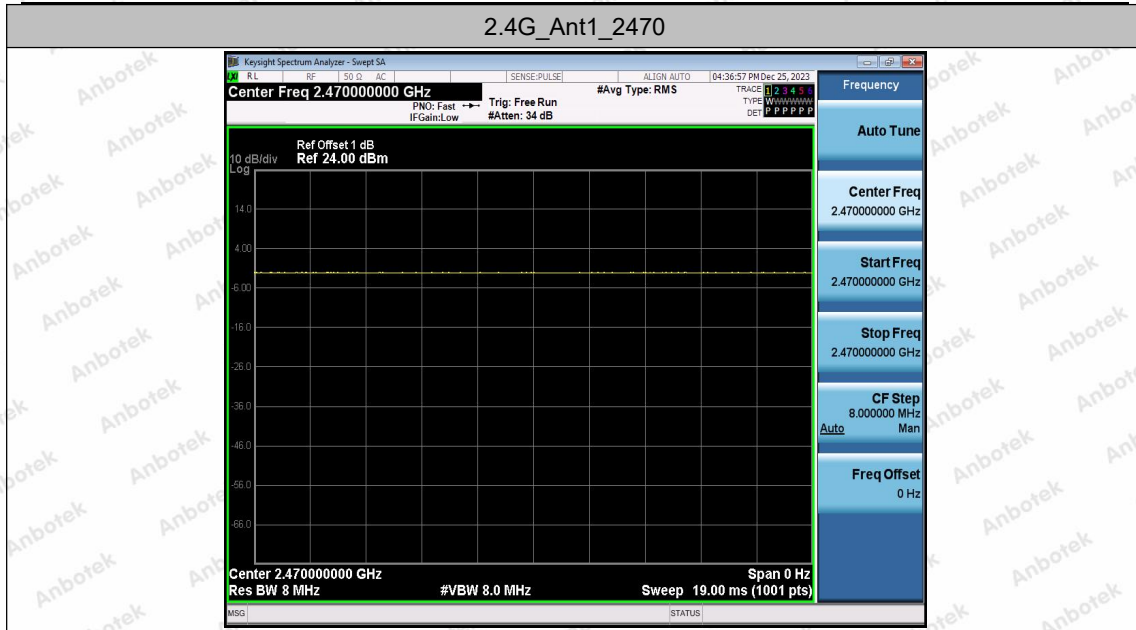


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