

## Appendix Test Data

Report No.:	18220WC30211901	Test Sample No.:	1-2-2
Start Test Date:	2023.09.27	Finish Test Date:	2023.10.08
Test Engineer:	Hayman Chen	Auditor:	Rick Luo
Temperature:	26.3°C	Relative Humidity:	54.1%
Pressure:	101kPa		

## Appendix A: DTS Bandwidth

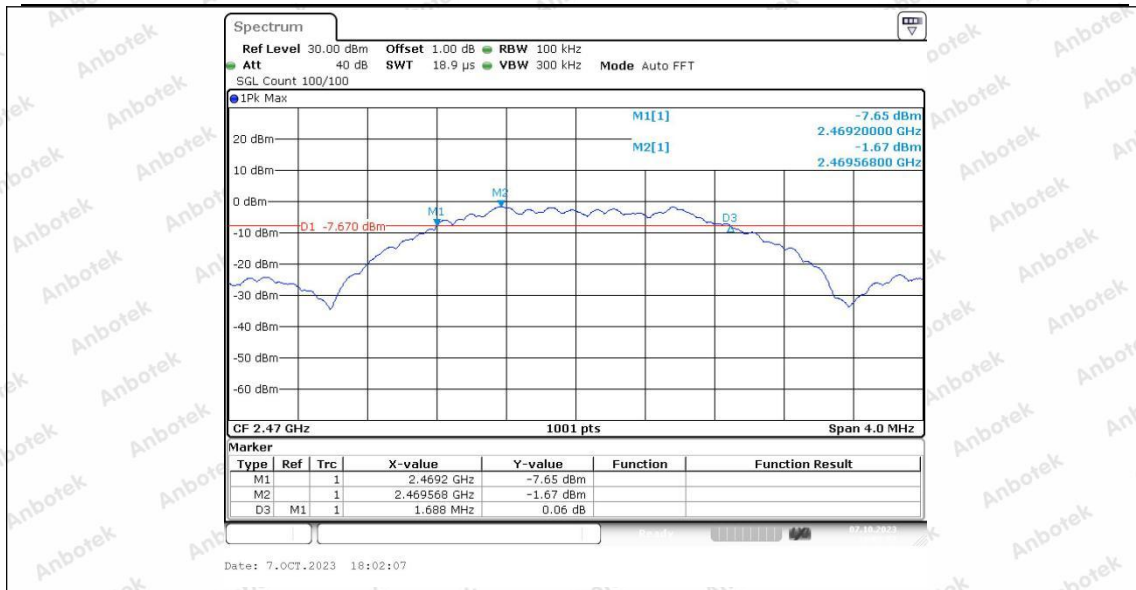
## Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
2.4G	Ant1	2405	1.60	2404.28	2405.88	0.5	PASS
		2430	1.34	2429.42	2430.75	0.5	PASS
		2470	1.69	2469.20	2470.89	0.5	PASS



## Test Graphs





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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	2.334	2403.8891	2406.2228
		2430	2.330	2428.8971	2431.2268
		2470	2.342	2468.9131	2471.2547

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## Test Graphs

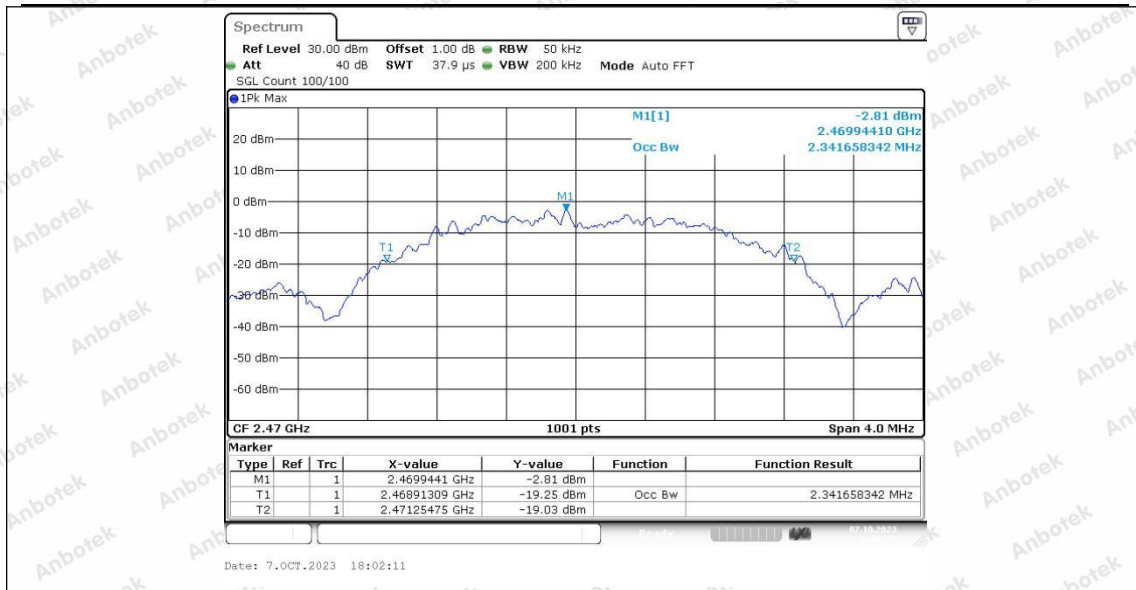


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## Appendix C: Maximum conducted output power

### Test Result Peak

TestMode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
2.4G	Ant1	2405	2.81	≤30	PASS
		2430	2.57	≤30	PASS
		2470	1.98	≤30	PASS

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## Test Graphs Peak



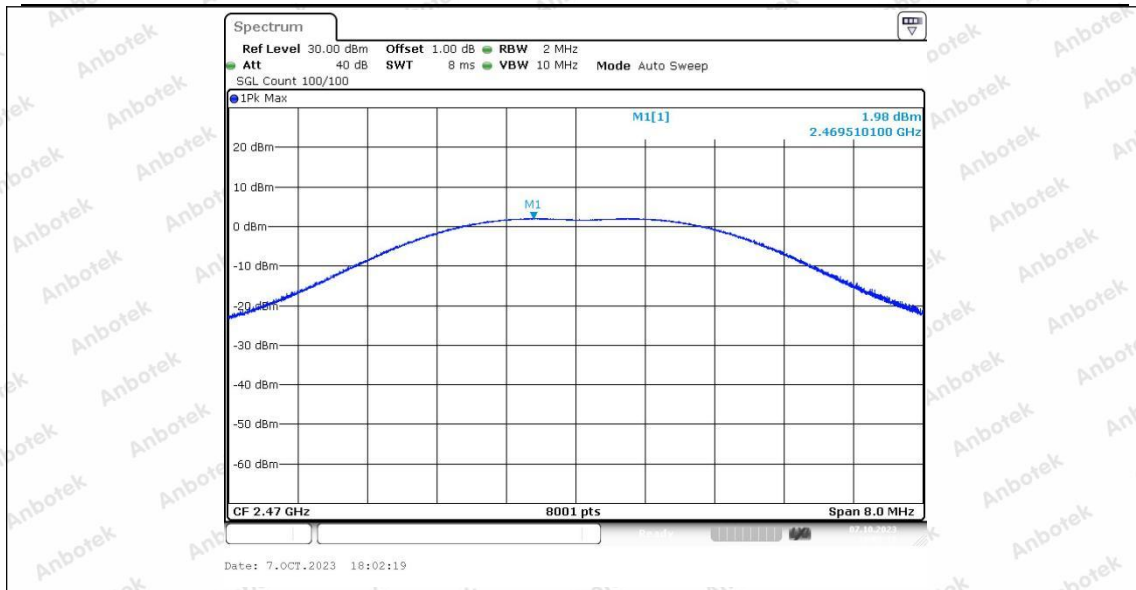
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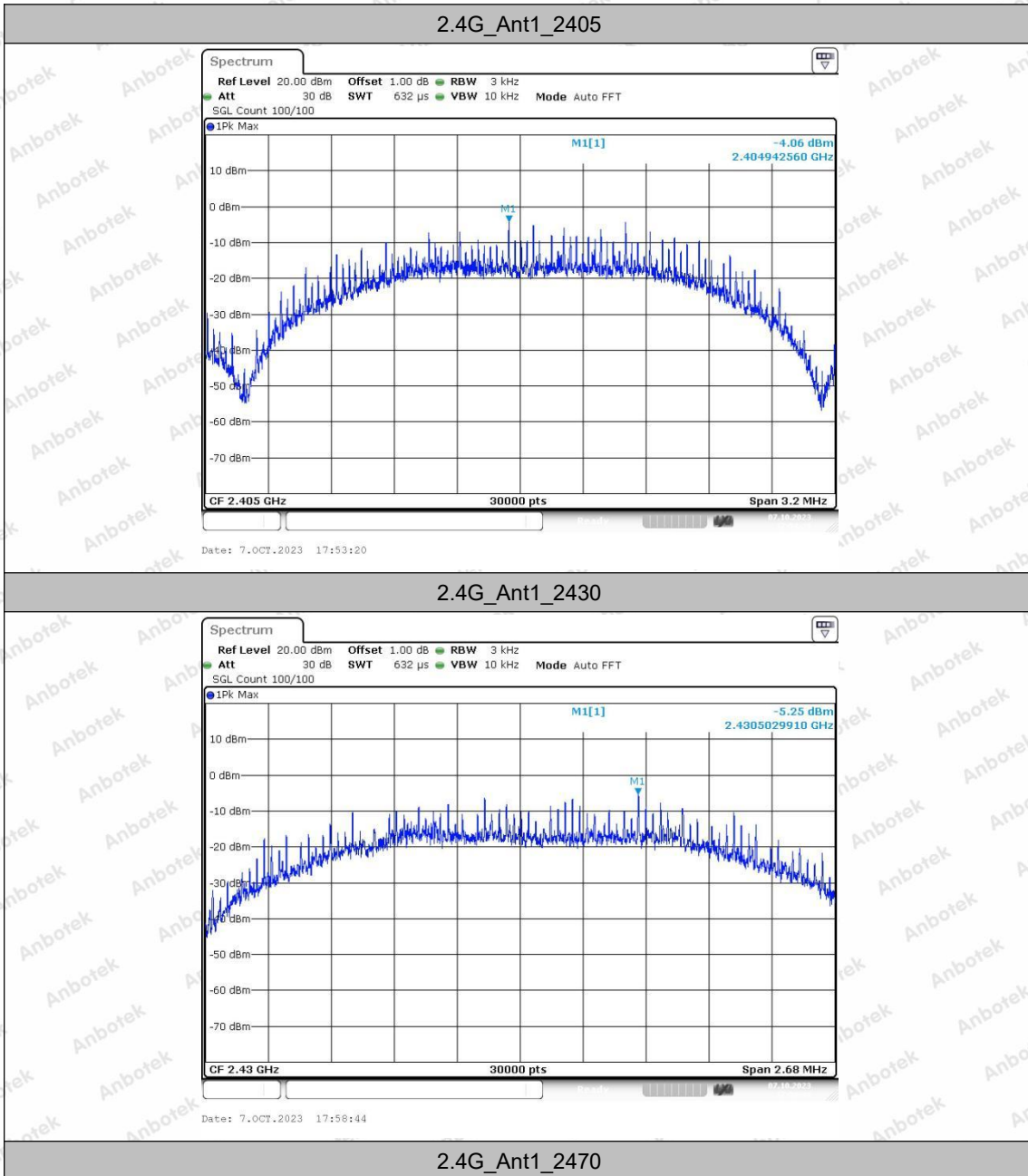
## Appendix D: Maximum power spectral density

### Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
2.4G	Ant1	2405	-4.06	≤8.00	PASS
		2430	-5.25	≤8.00	PASS
		2470	-4.01	≤8.00	PASS



## Test Graphs



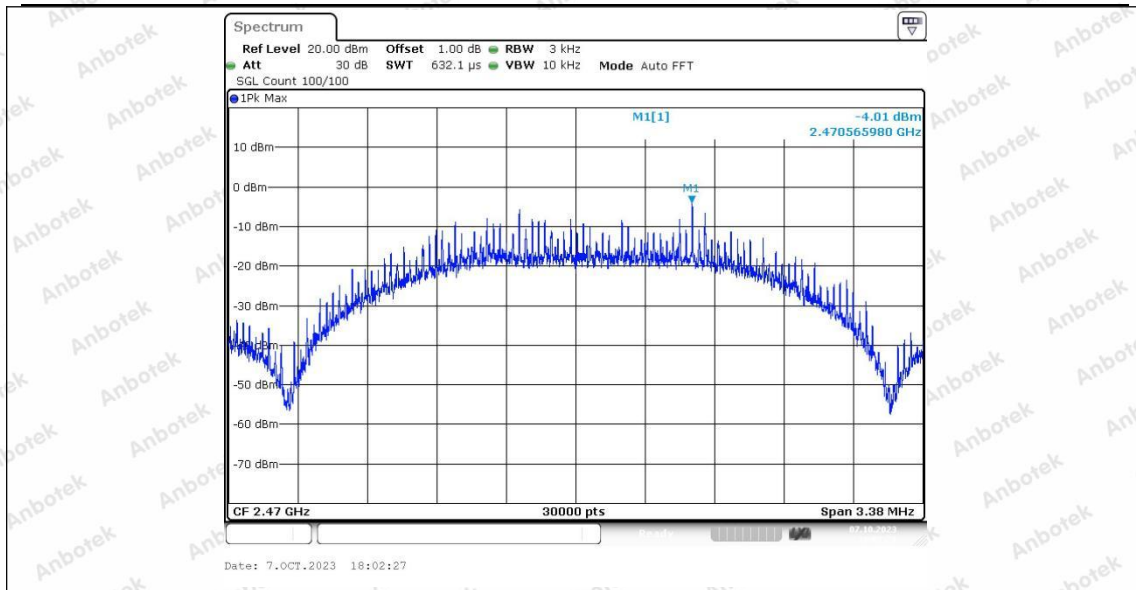
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## Appendix E: Band edge measurements

### Test Result

TestMode	Antenna	ChName	Frequency [MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
2.4G	Ant1	Low	2405	0.06	-43.67	≤-19.94	PASS
		High	2470	-5.99	-56.32	≤-25.99	PASS

### Test Graphs



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## 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	-2.29	-2.29	---	PASS
			30~1000	-2.29	-61.77	≤-22.29	PASS
			1000~26500	-2.29	-44.63	≤-22.29	PASS
		2430	Reference	-1.98	-1.98	---	PASS
			30~1000	-1.98	-61.75	≤-21.98	PASS
			1000~26500	-1.98	-43.41	≤-21.98	PASS
		2470	Reference	-3.57	-3.57	---	PASS
			30~1000	-3.57	-60.91	≤-23.57	PASS
			1000~26500	-3.57	-42.84	≤-23.57	PASS

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## Test Graphs

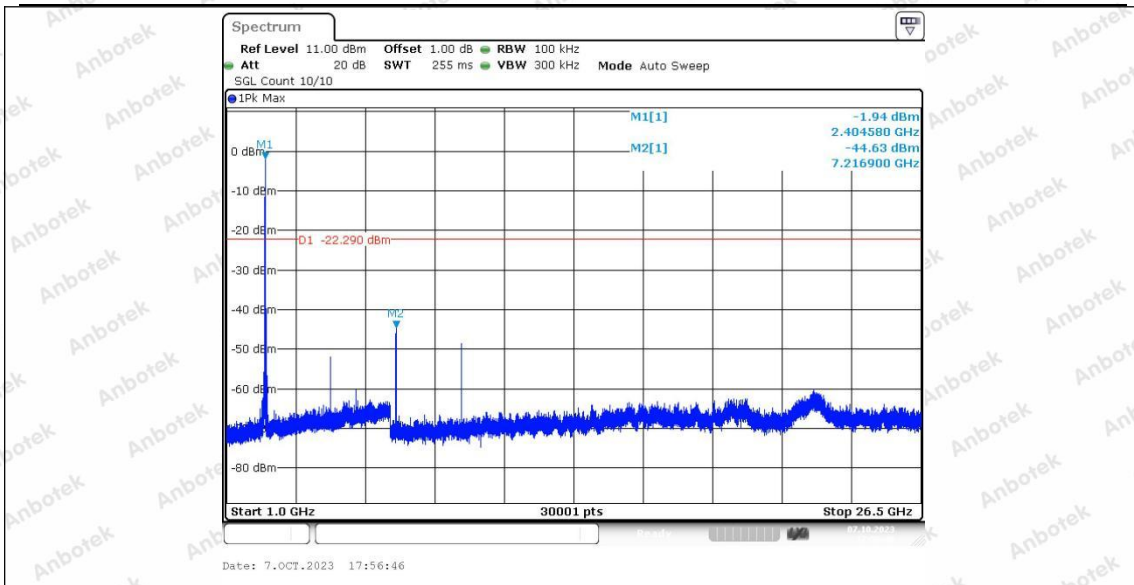


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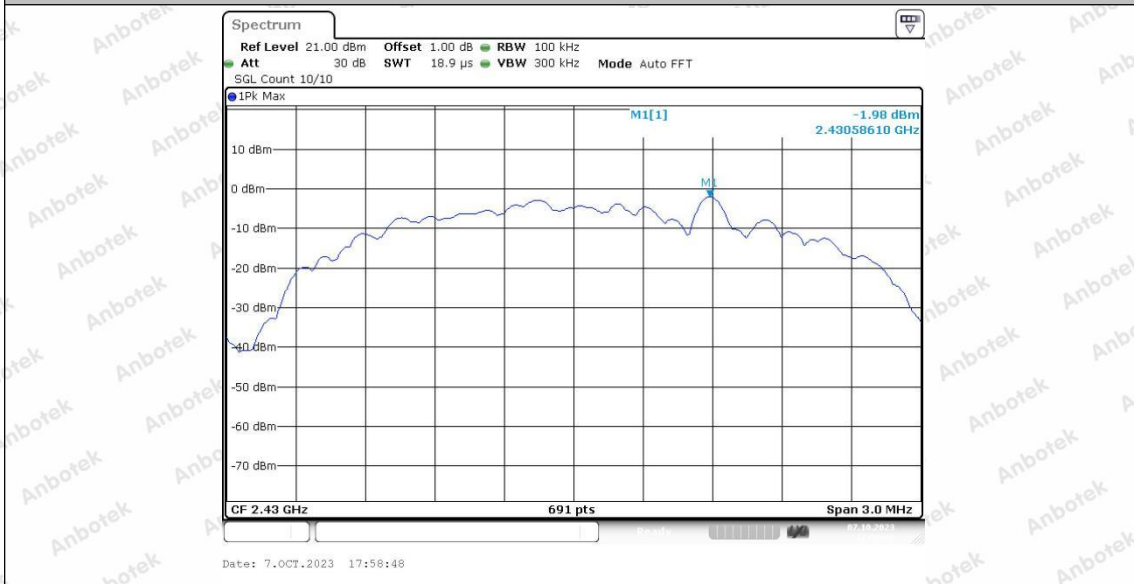
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.  
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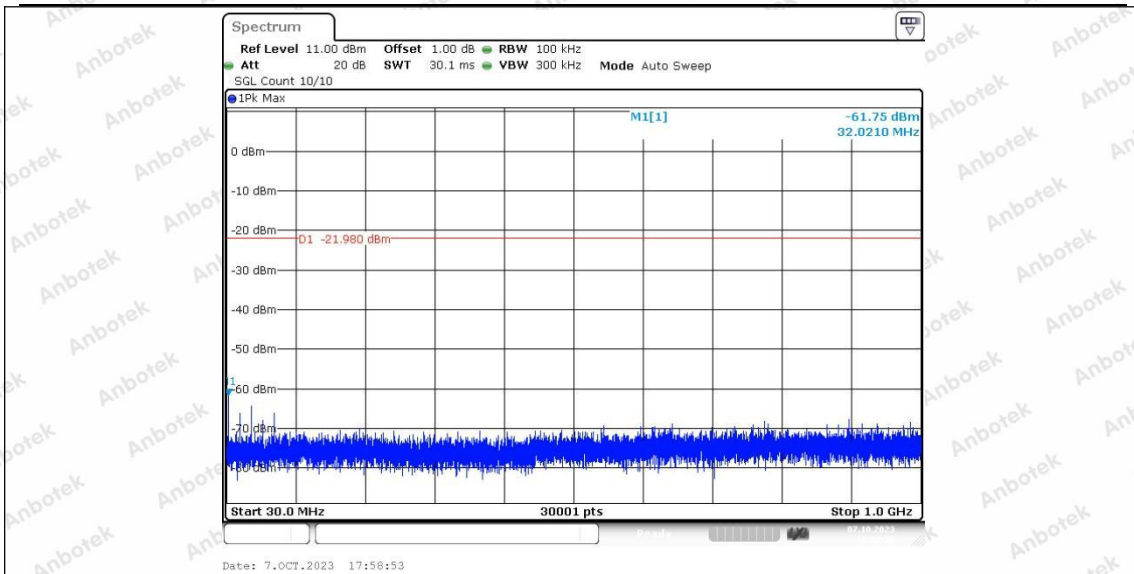


2.4G\_Ant1\_2430\_0~Reference

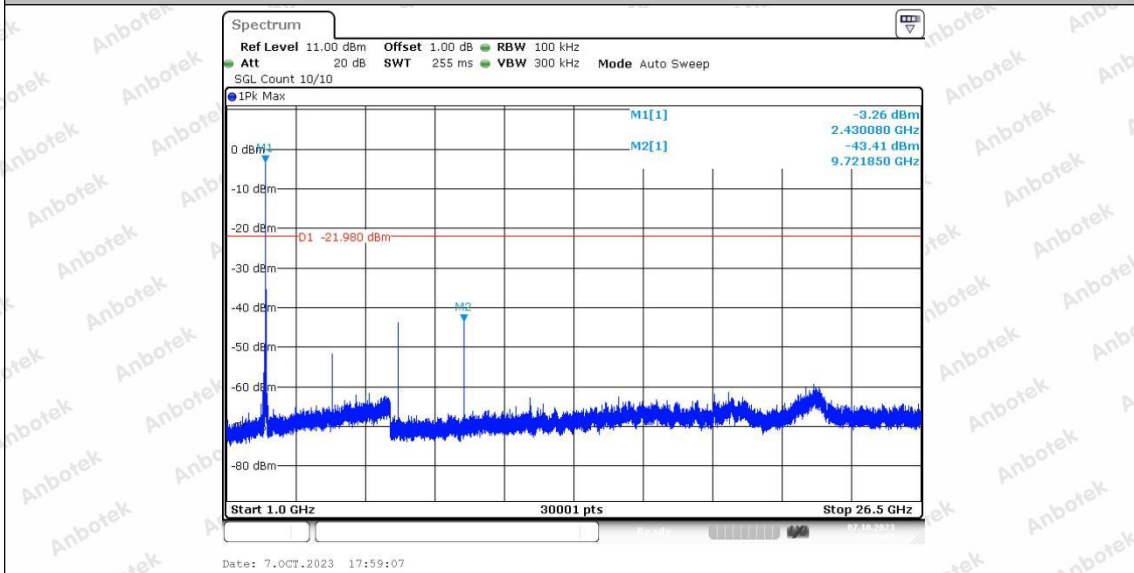


2.4G\_Ant1\_2430\_30~1000





2.4G\_Ant1\_2430\_1000~26500



2.4G\_Ant1\_2470\_0~Reference

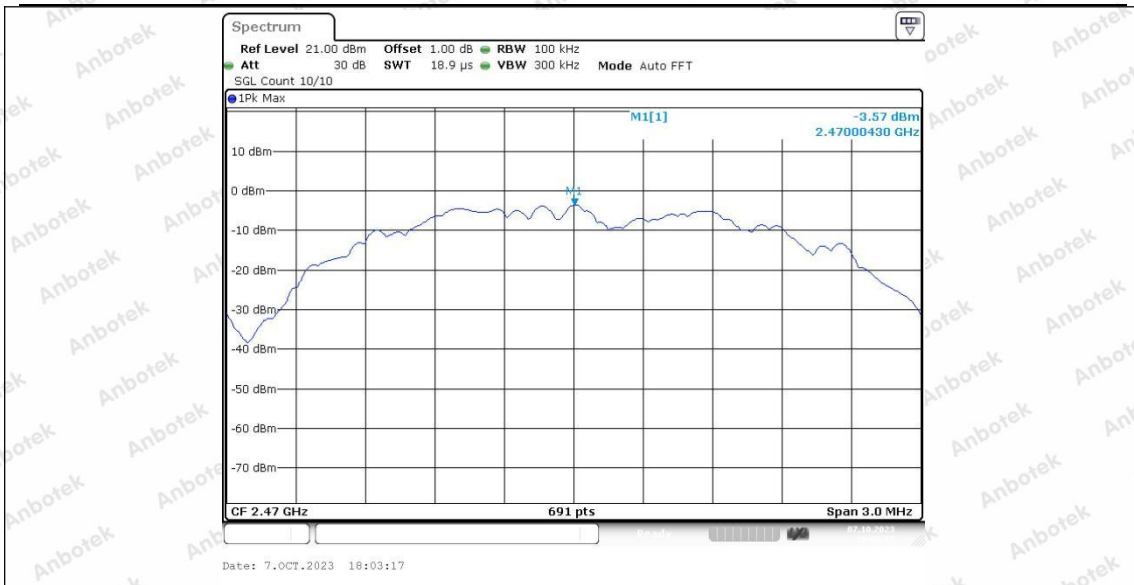
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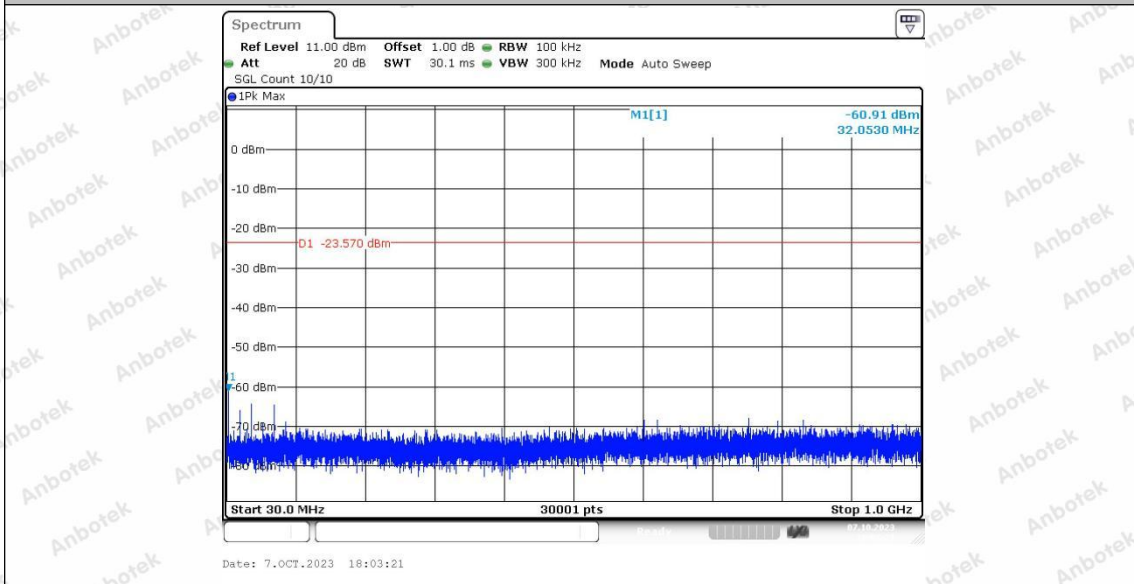
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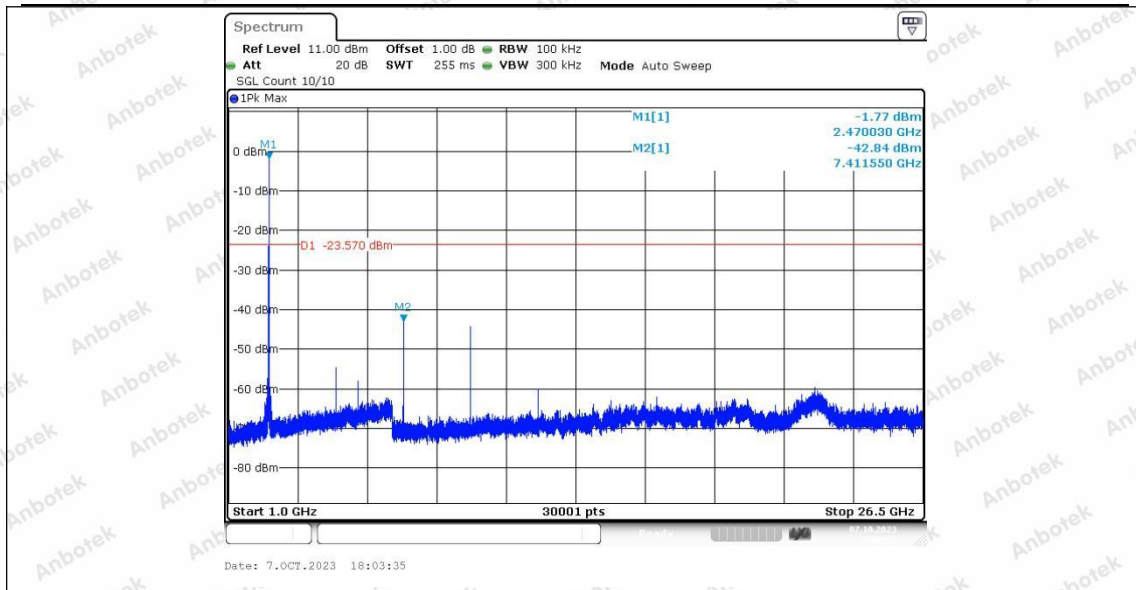


2.4G\_Ant1\_2470\_30~1000



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

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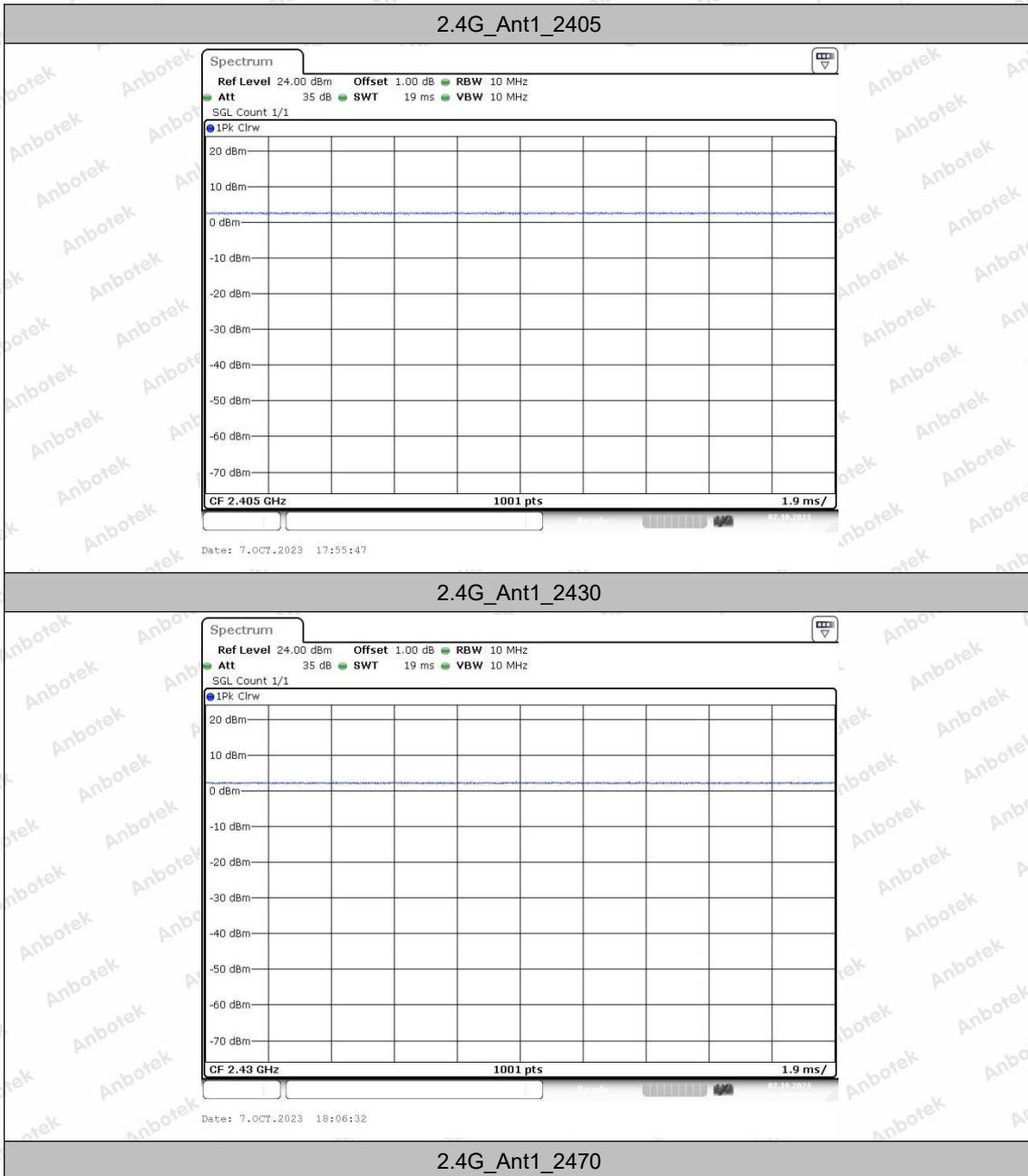


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## Test Graphs

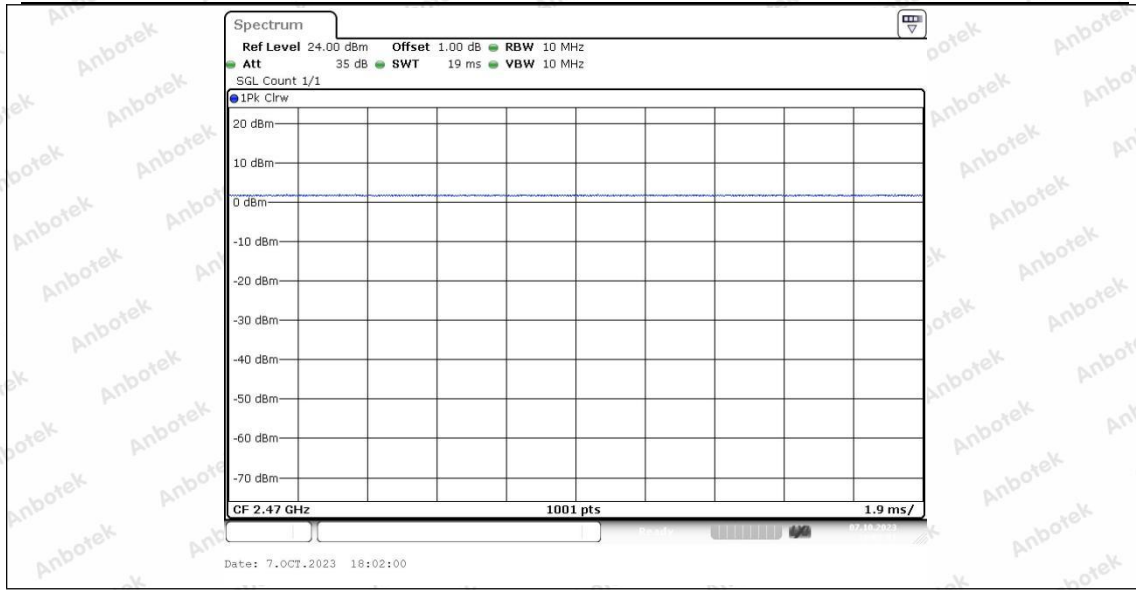


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