



11AX20SISO\_Ant1\_Low\_2412



11AX20SISO\_Ant1\_High\_2462



## Shenzhen Anbotek Compliance Laboratory Limited

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## 11AX40SISO\_Ant1\_Low\_2422



## 11AX40SISO\_Ant1\_High\_2452



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## Appendix F: Conducted Spurious Emission

### Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	3.29	3.29	---	PASS
			30~1000	3.29	-66.53	≤-26.71	PASS
			1000~26500	3.29	-50.64	≤-26.71	PASS
		2437	Reference	1.86	1.86	---	PASS
			30~1000	1.86	-66.46	≤-28.14	PASS
			1000~26500	1.86	-51.44	≤-28.14	PASS
		2462	Reference	1.12	1.12	---	PASS
			30~1000	1.12	-67.35	≤-28.88	PASS
			1000~26500	1.12	-51.43	≤-28.88	PASS
11G	Ant1	2412	Reference	-2.31	-2.31	---	PASS
			30~1000	-2.31	-66.81	≤-32.31	PASS
			1000~26500	-2.31	-52.58	≤-32.31	PASS
		2437	Reference	-3.09	-3.09	---	PASS
			30~1000	-3.09	-66.38	≤-33.09	PASS
			1000~26500	-3.09	-52.65	≤-33.09	PASS
		2462	Reference	-2.39	-2.39	---	PASS
			30~1000	-2.39	-66.35	≤-32.39	PASS
			1000~26500	-2.39	-51.49	≤-32.39	PASS
11N20SISO	Ant1	2412	Reference	-3.23	-3.23	---	PASS
			30~1000	-3.23	-66.13	≤-33.23	PASS
			1000~26500	-3.23	-52.41	≤-33.23	PASS
		2437	Reference	-2.76	-2.76	---	PASS
			30~1000	-2.76	-67.14	≤-32.76	PASS
			1000~26500	-2.76	-52.55	≤-32.76	PASS
		2462	Reference	-2.06	-2.06	---	PASS
			30~1000	-2.06	-65.69	≤-32.06	PASS
			1000~26500	-2.06	-51.56	≤-32.06	PASS
11N40SISO	Ant1	2422	Reference	-5.94	-5.94	---	PASS
			30~1000	-5.94	-66.03	≤-35.94	PASS
			1000~26500	-5.94	-52.56	≤-35.94	PASS
		2437	Reference	-2.56	-2.56	---	PASS
			30~1000	-2.56	-66.55	≤-32.56	PASS
			1000~26500	-2.56	-52.09	≤-32.56	PASS
		2452	Reference	-5.18	-5.18	---	PASS
			30~1000	-5.18	-65.44	≤-35.18	PASS
			1000~26500	-5.18	-50.44	≤-35.18	PASS
11AX20SISO	Ant1	2412	Reference	-2.00	-2.00	---	PASS

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11AX40SISO	Ant1	2437	30~1000	-2.00	-67.17	≤-32	PASS
			1000~26500	-2.00	-52.21	≤-32	PASS
		2462	Reference	-2.44	-2.44	---	PASS
			30~1000	-2.44	-67.81	≤-32.44	PASS
		2422	1000~26500	-2.44	-52.45	≤-32.44	PASS
			Reference	-2.69	-2.69	---	PASS
	Ant2	2437	30~1000	-2.69	-65.95	≤-32.69	PASS
			1000~26500	-2.69	-51.98	≤-32.69	PASS
		2452	Reference	-5.20	-5.20	---	PASS
			30~1000	-5.20	-65.64	≤-35.2	PASS
		2437	1000~26500	-5.20	-53.07	≤-35.2	PASS
			Reference	-5.24	-5.24	---	PASS
2452	30~1000	-5.24	-66.33	≤-35.24	PASS		
	1000~26500	-5.24	-52.36	≤-35.24	PASS		
2422	Reference	-6.36	-6.36	---	PASS		
	30~1000	-6.36	-66.45	≤-36.36	PASS		
2437	1000~26500	-6.36	-51.21	≤-36.36	PASS		

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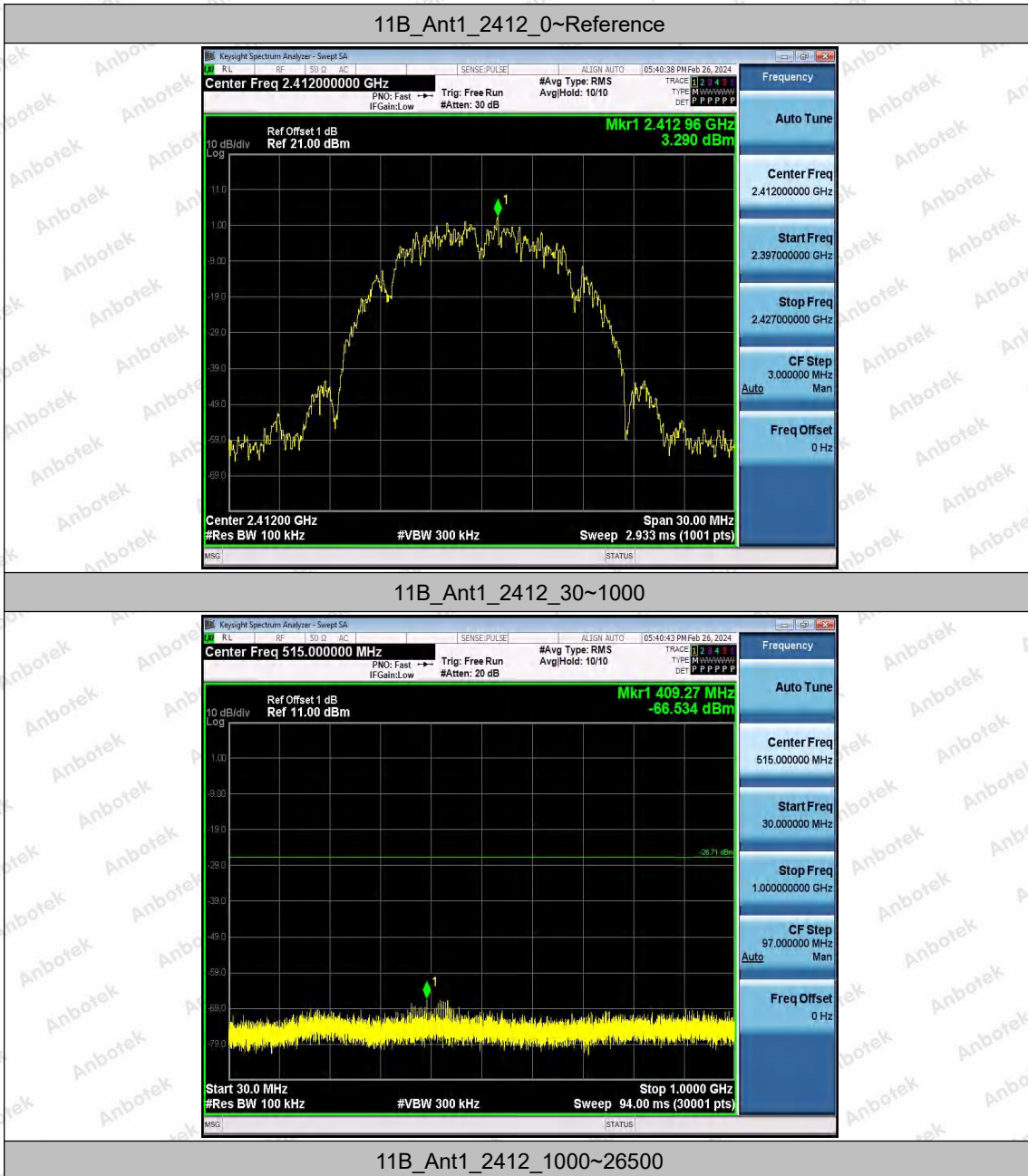
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## Test Graphs

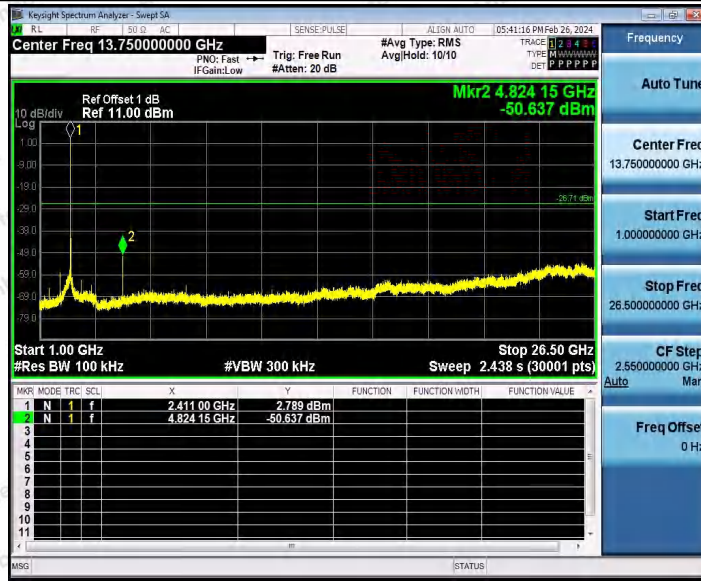


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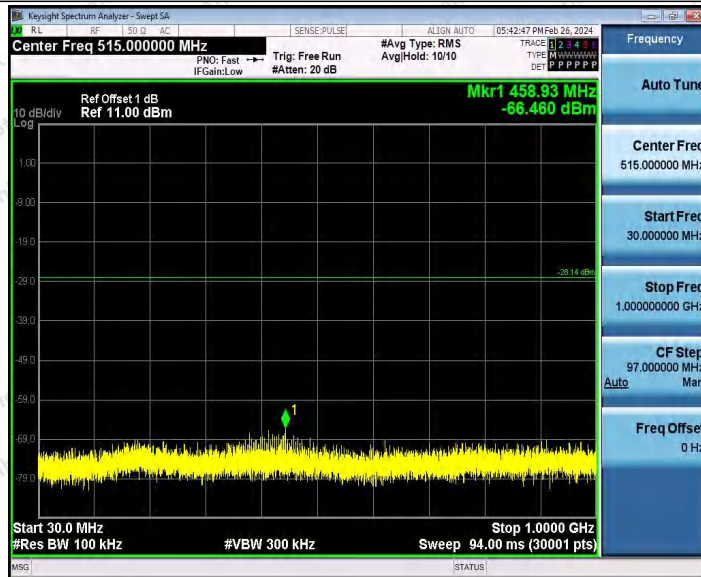




11B\_Ant1\_2437\_0~Reference



11B\_Ant1\_2437\_30~1000



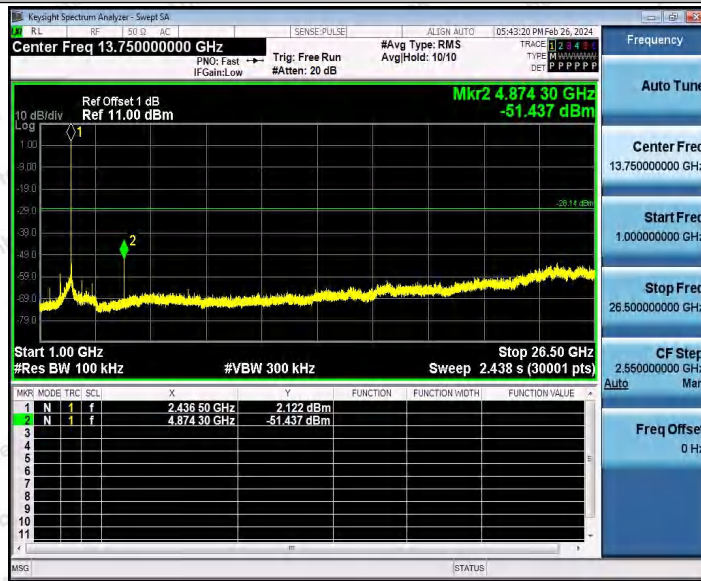
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### 11B\_Ant1\_2437\_1000~26500



### 11B\_Ant1\_2462\_0~Reference



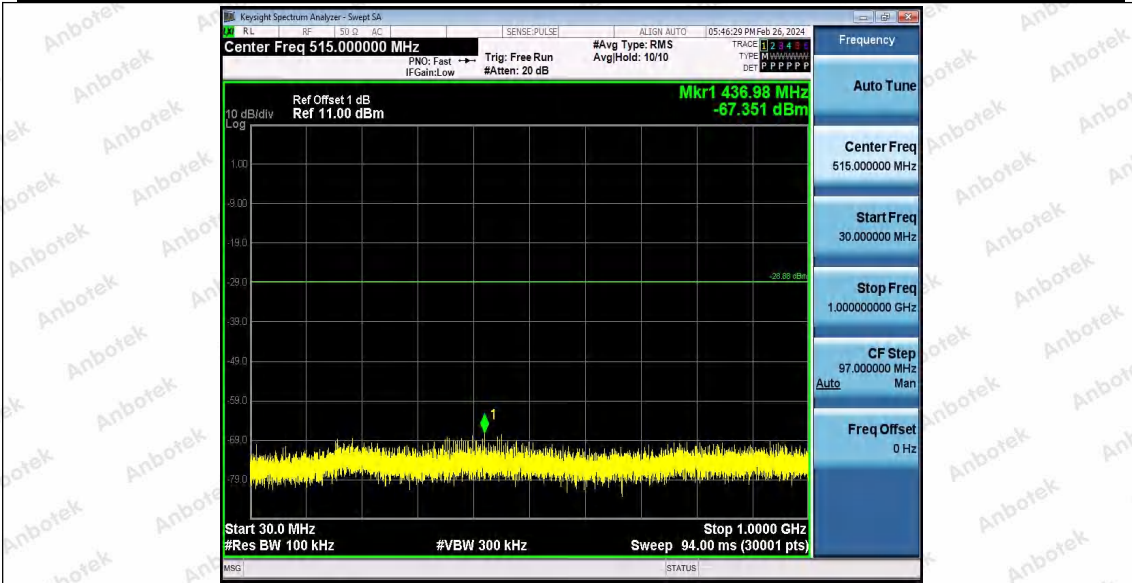
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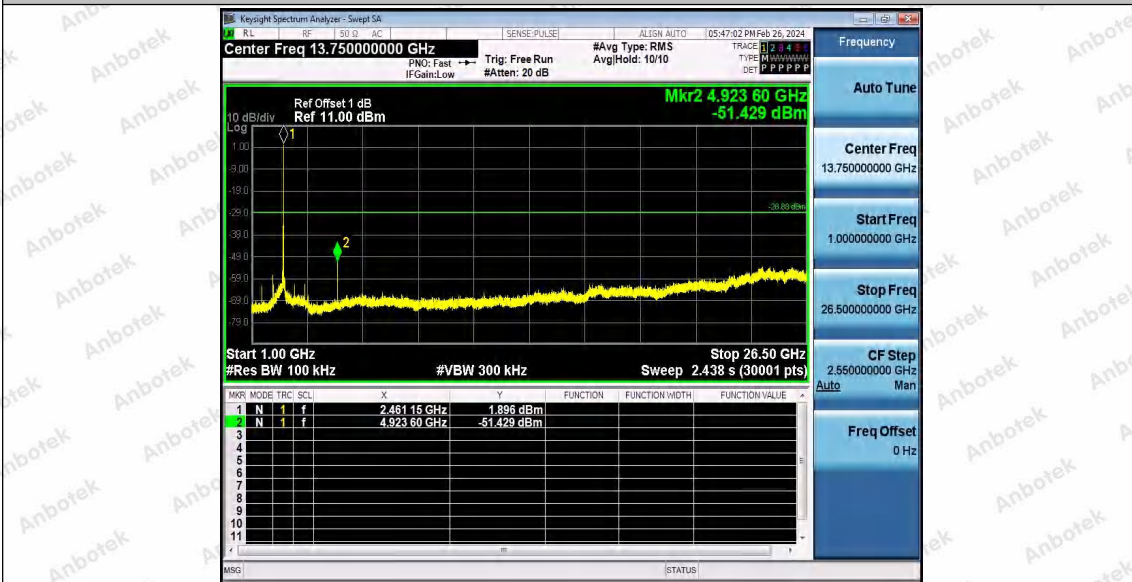
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11B\_Ant1\_2462\_1000~26500



11G\_Ant1\_2412\_0~Reference



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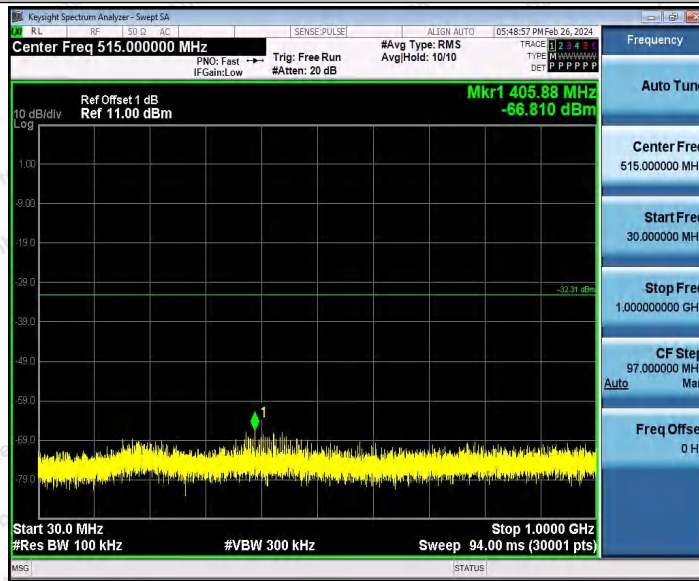
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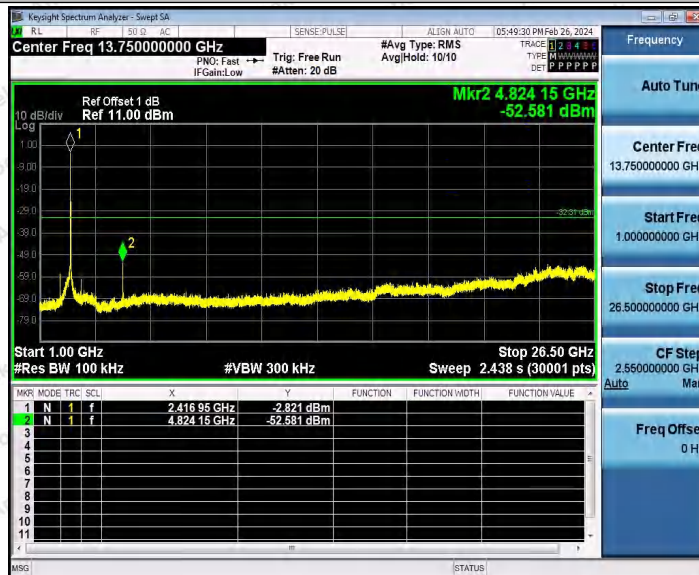




### 11G\_Ant1\_2412\_30~1000



### 11G\_Ant1\_2412\_1000~26500



### 11G\_Ant1\_2437\_0~Reference

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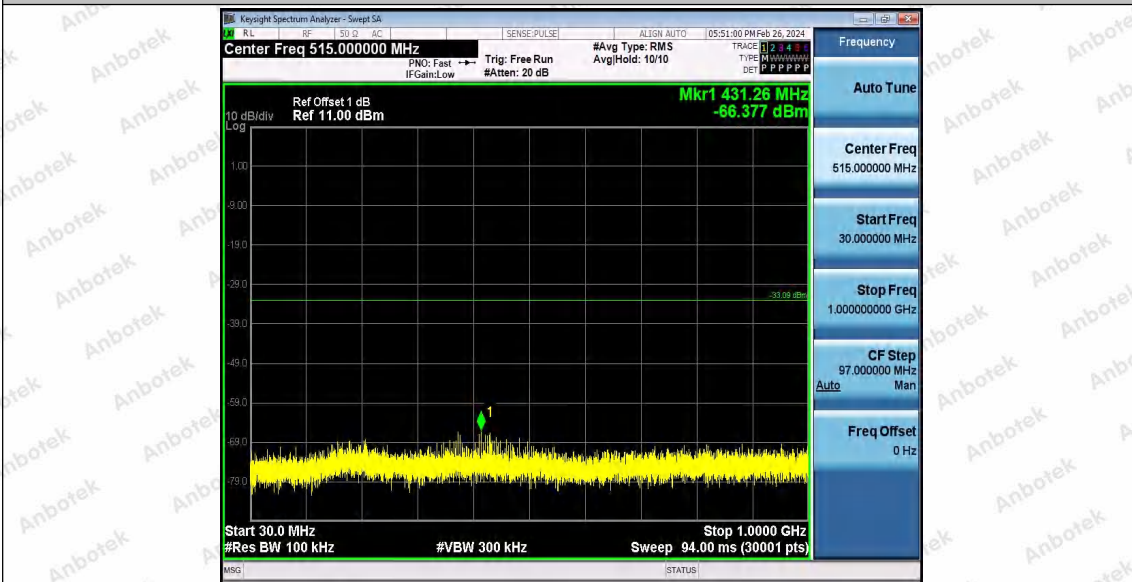
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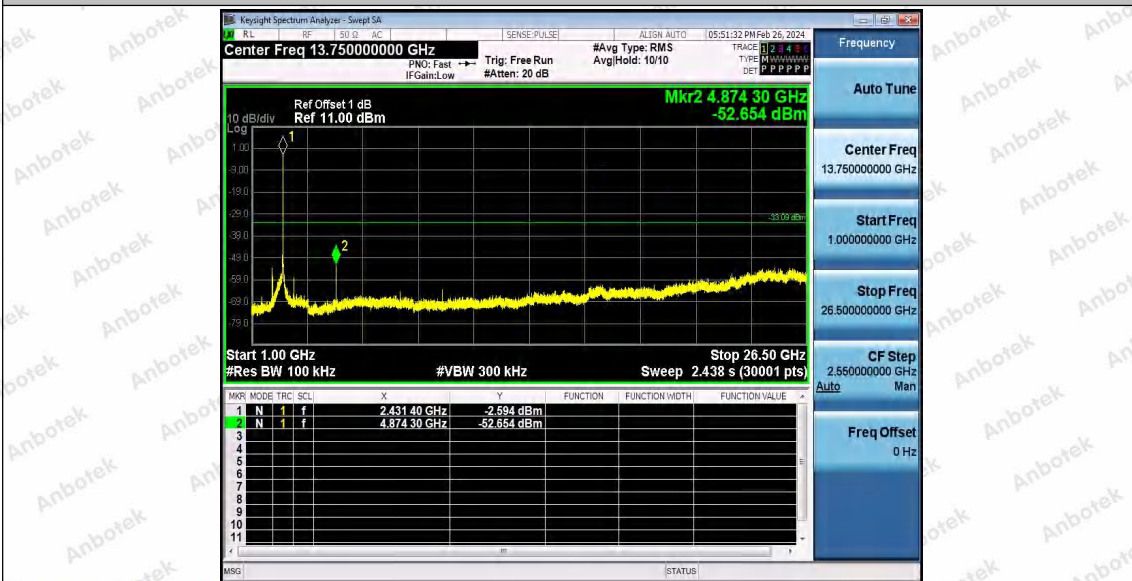




11G\_Ant1\_2437\_30~1000



11G\_Ant1\_2437\_1000~26500



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### 11G\_Ant1\_2462\_0~Reference



### 11G\_Ant1\_2462\_30~1000



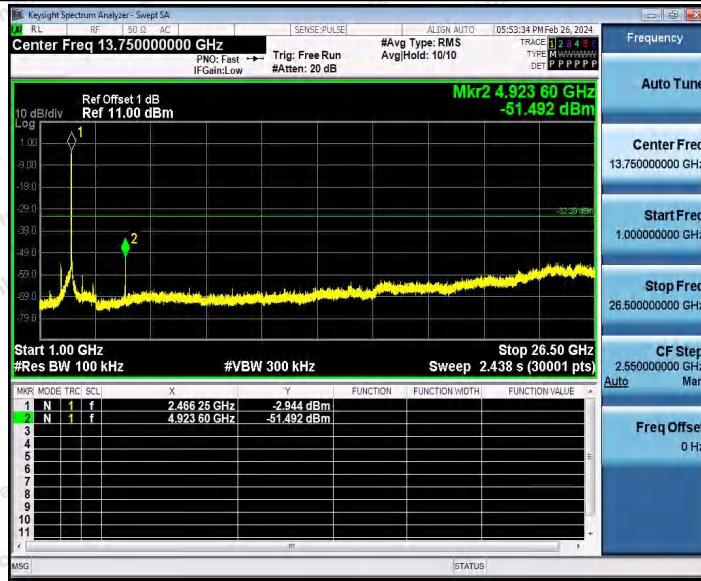
### 11G\_Ant1\_2462\_1000~26500

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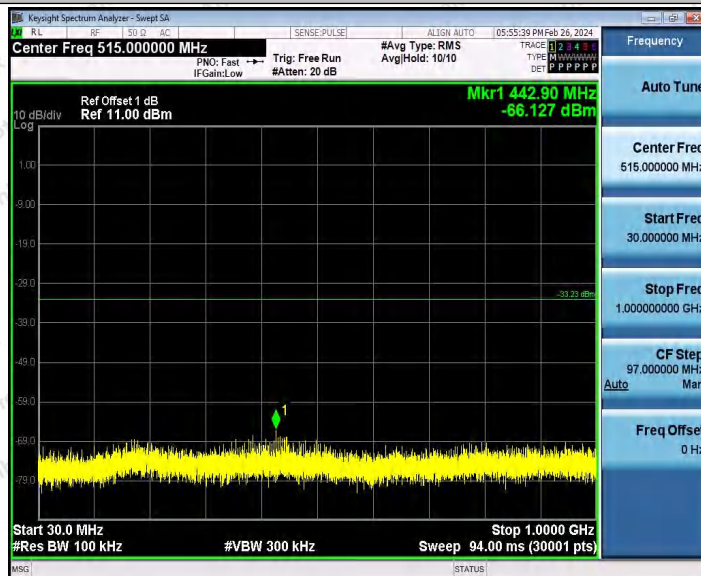




11N20SISO\_Ant1\_2412\_0~Reference



11N20SISO\_Ant1\_2412\_30~1000



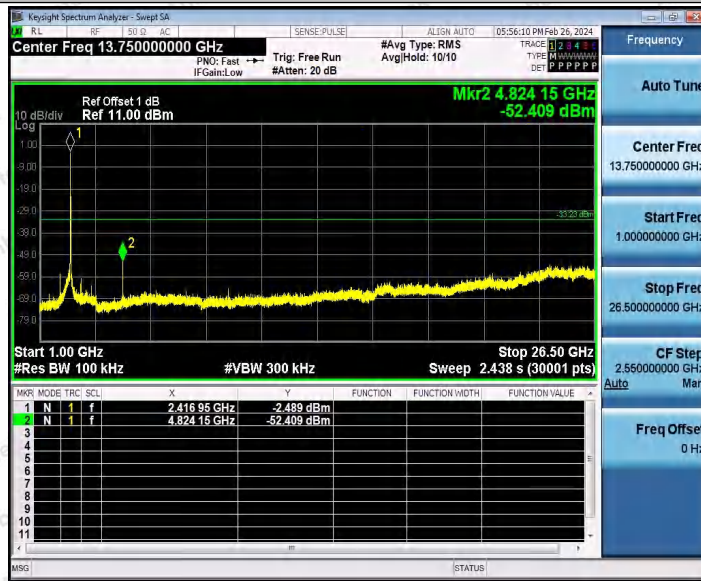
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### 11N20SISO\_Ant1\_2412\_1000~26500



### 11N20SISO\_Ant1\_2437\_0~Reference



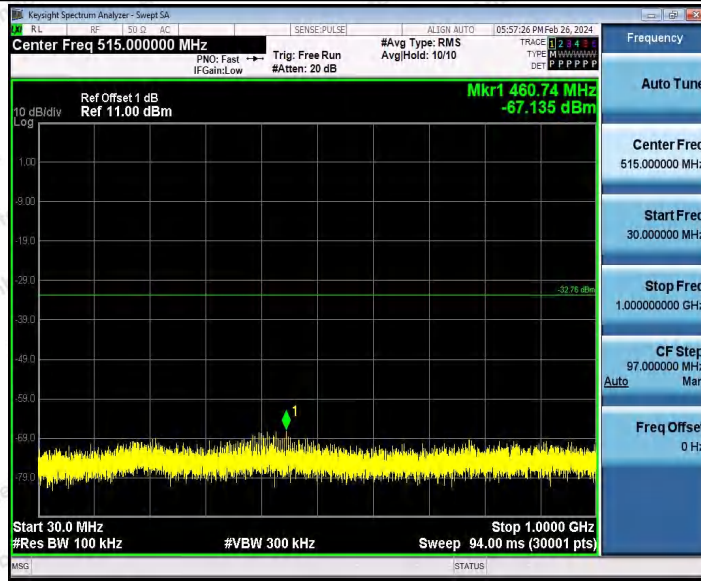
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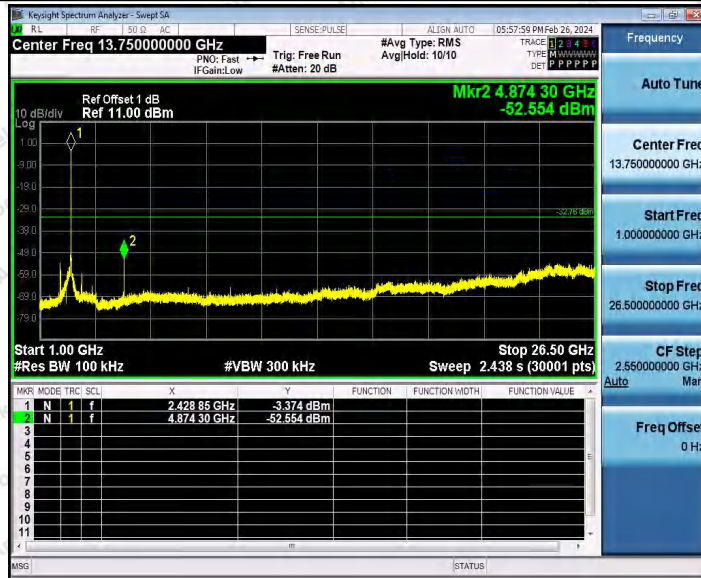
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11N20SISO\_Ant1\_2437\_1000~26500



11N20SISO\_Ant1\_2462\_0~Reference



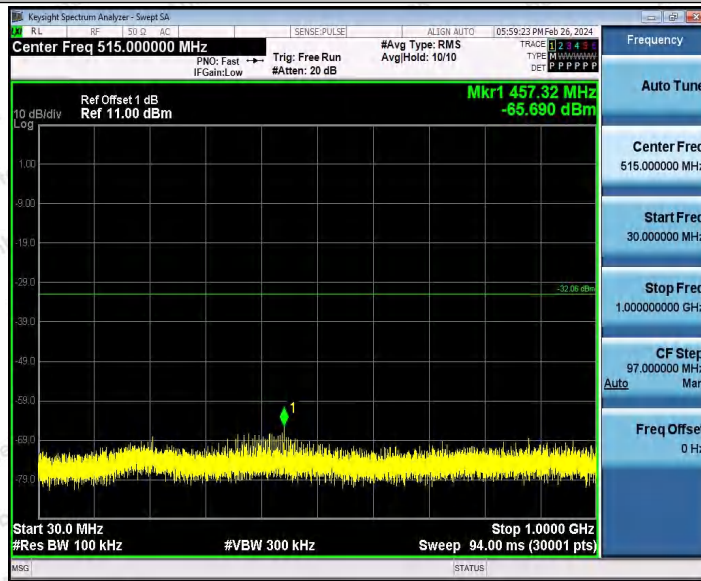
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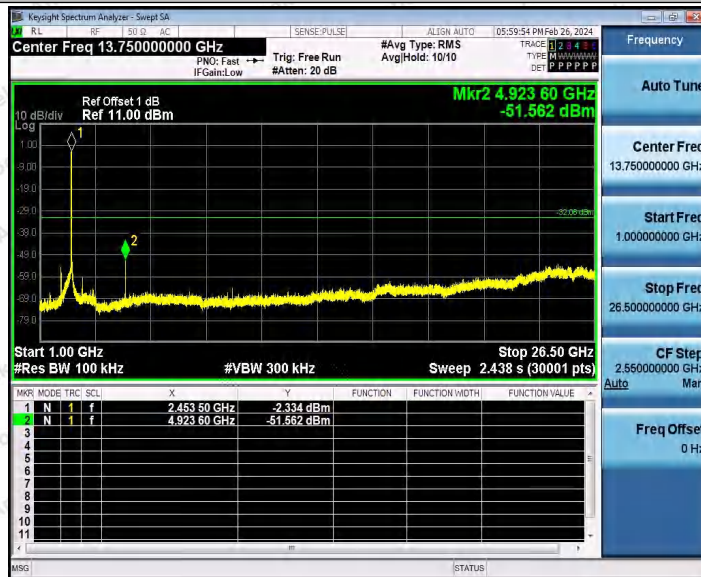
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11N20SISO\_Ant1\_2462\_30~1000



11N20SISO\_Ant1\_2462\_1000~26500



11N40SISO\_Ant1\_2422\_0~Reference

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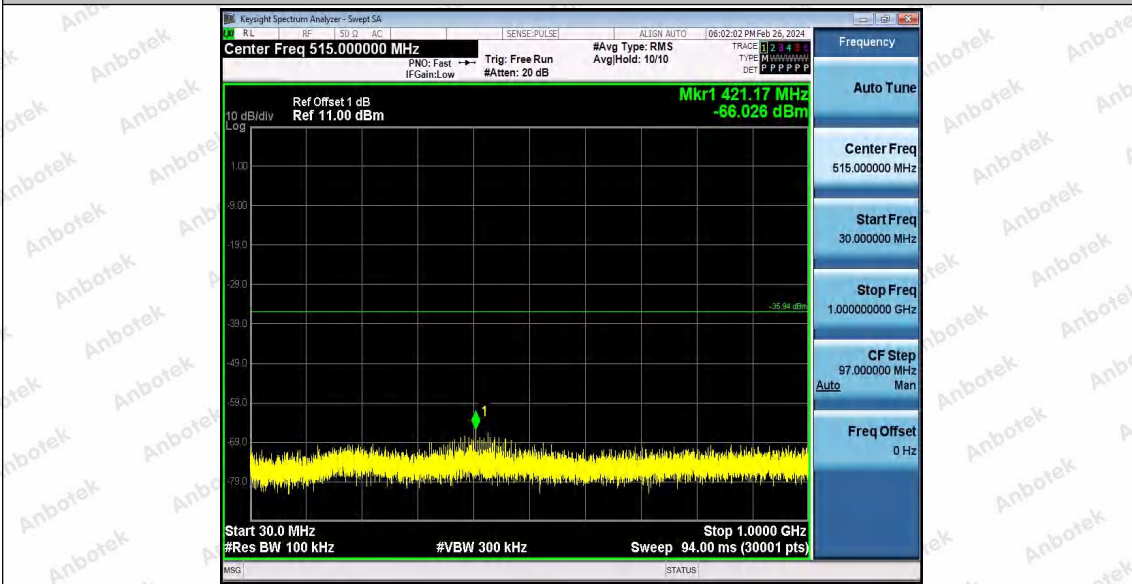
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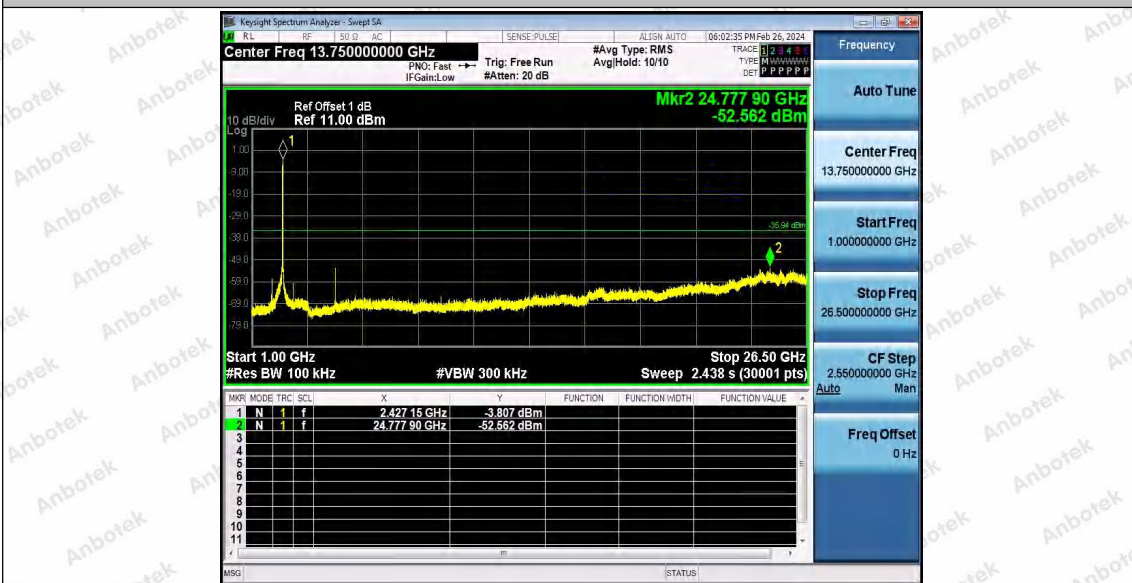




11N40SISO\_Ant1\_2422\_30~1000



11N40SISO\_Ant1\_2422\_1000~26500



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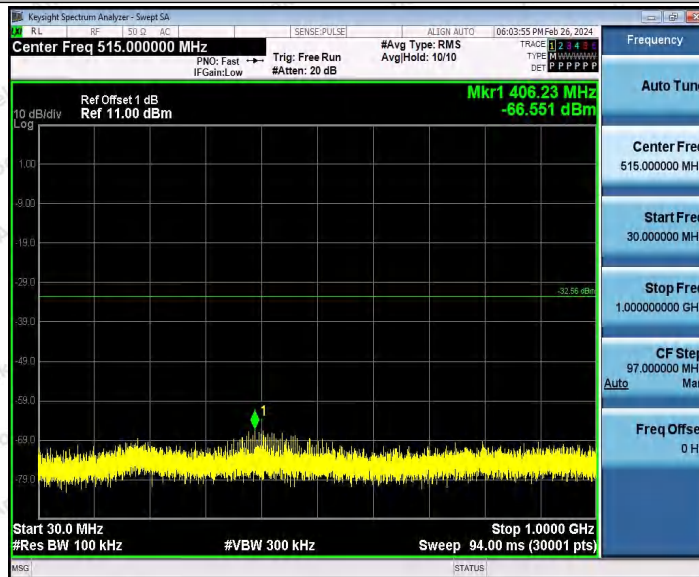




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### 11N40SISO\_Ant1\_2437\_30~1000



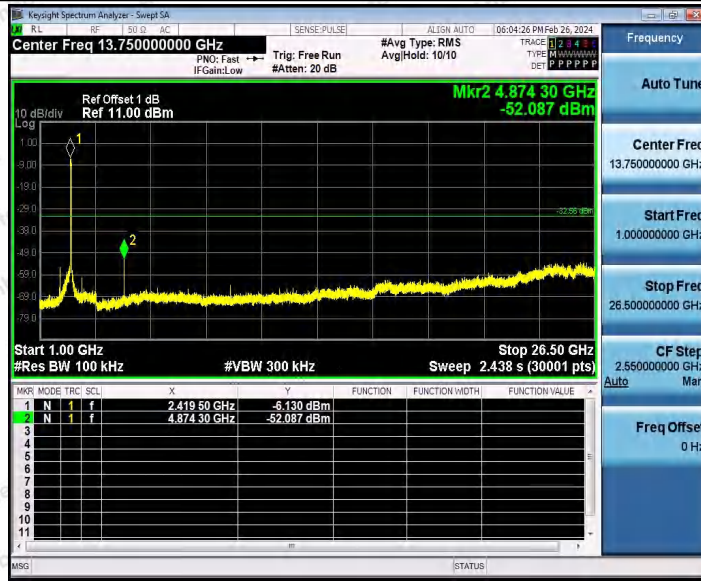
### 11N40SISO\_Ant1\_2437\_1000~26500

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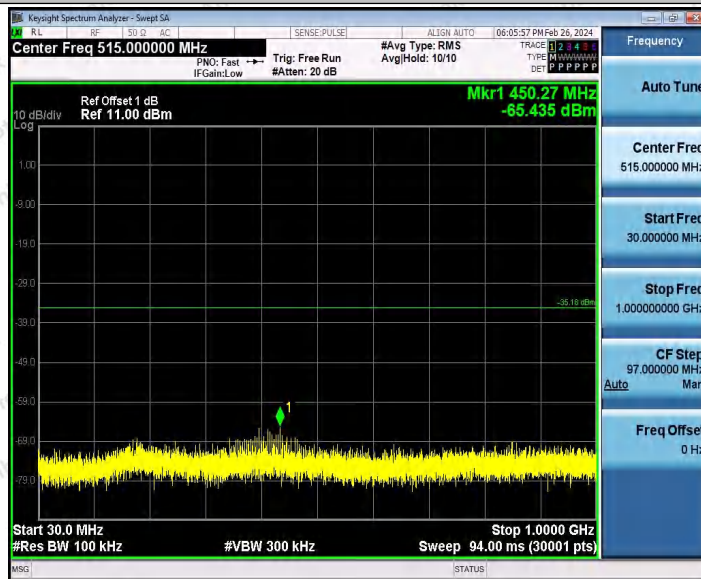




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11N40SISO\_Ant1\_2452\_30~1000



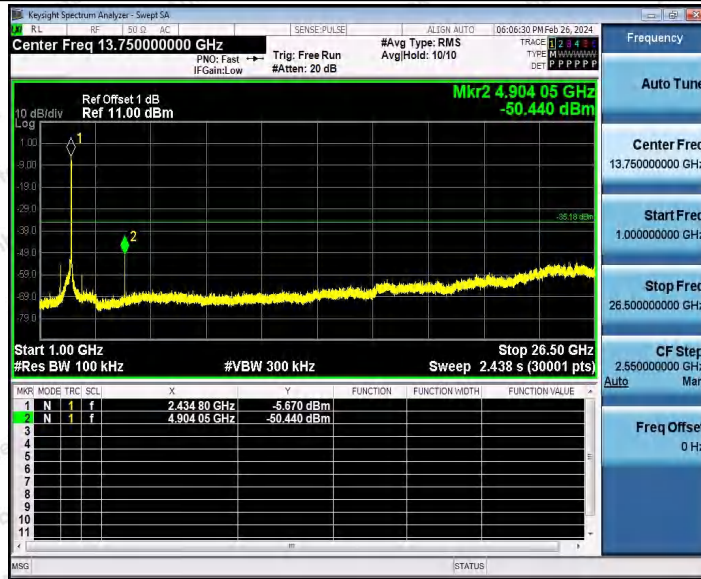
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### 11N40SISO\_Ant1\_2452\_1000~26500



### 11AX20SISO\_Ant1\_2412\_0~Reference



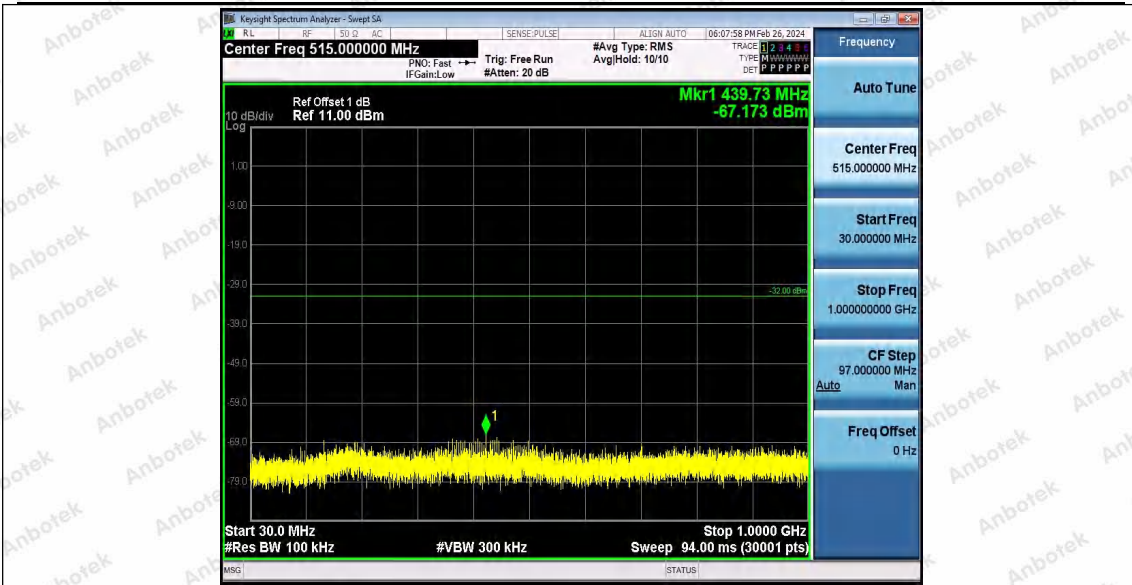
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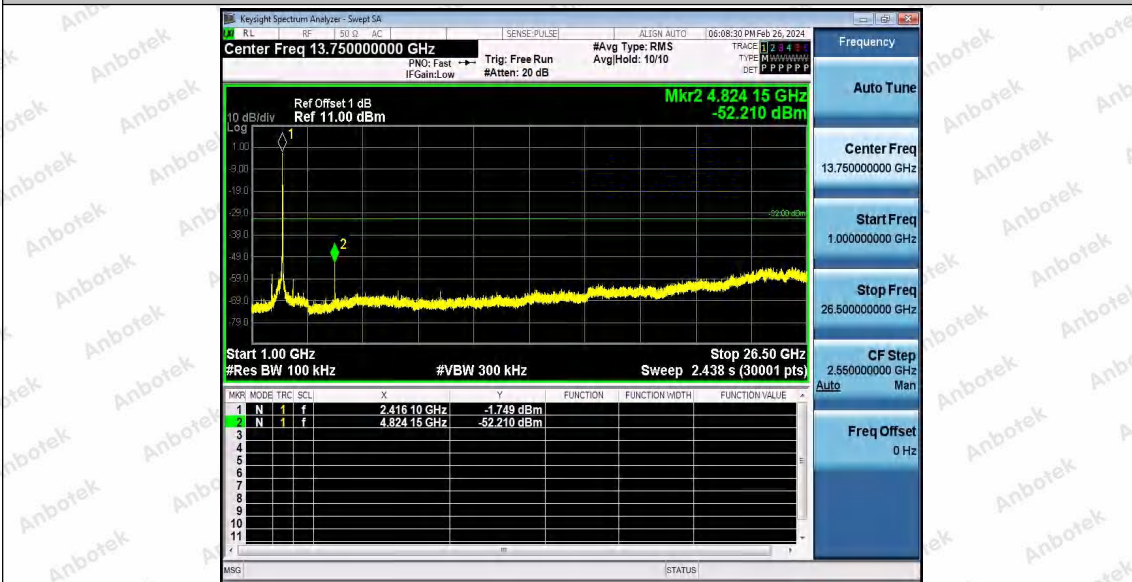
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.  
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11AX20SISO\_Ant1\_2437\_0~Reference



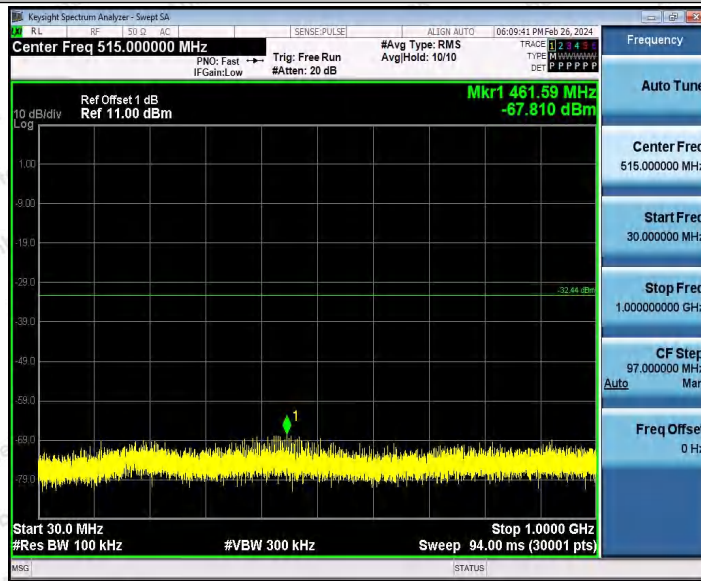
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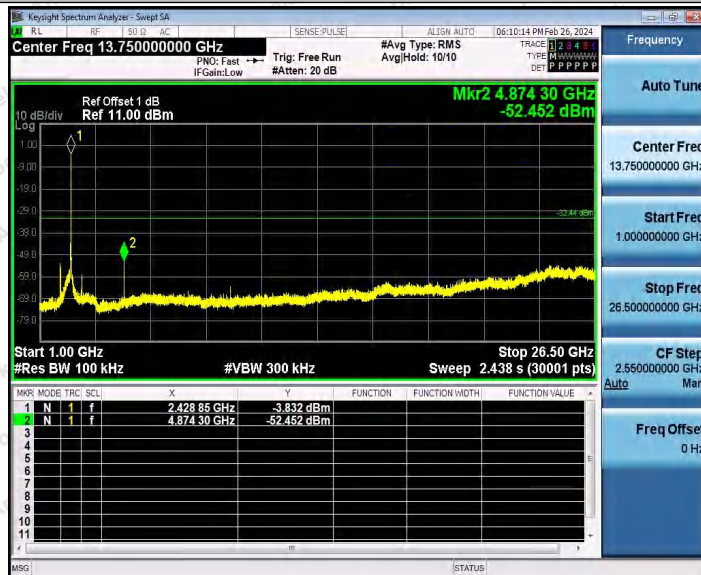
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### 11AX20SISO\_Ant1\_2437\_30~1000



### 11AX20SISO\_Ant1\_2437\_1000~26500



### 11AX20SISO\_Ant1\_2462\_0~Reference

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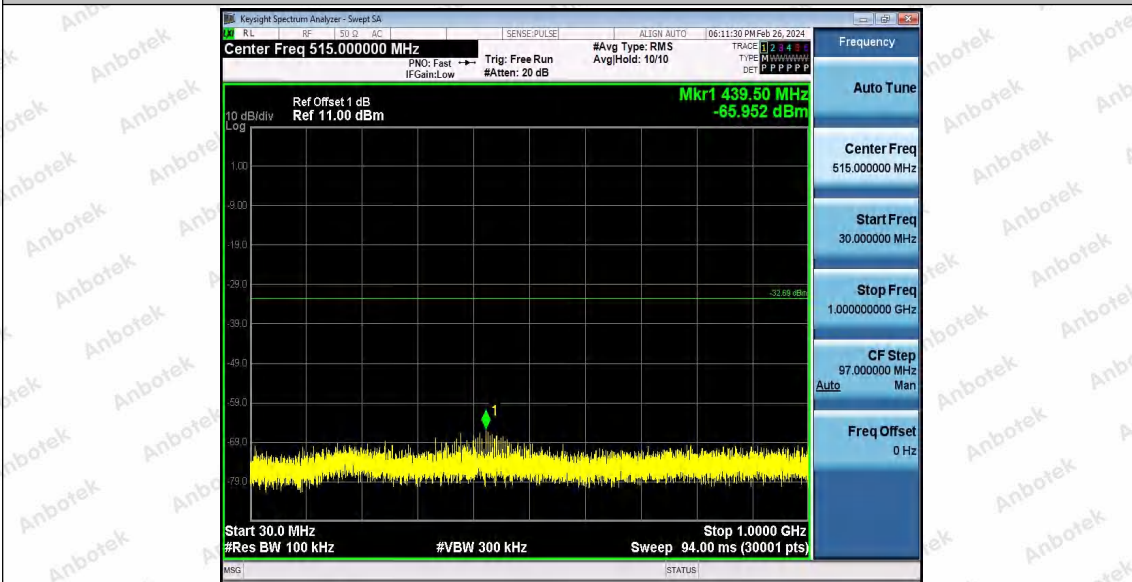
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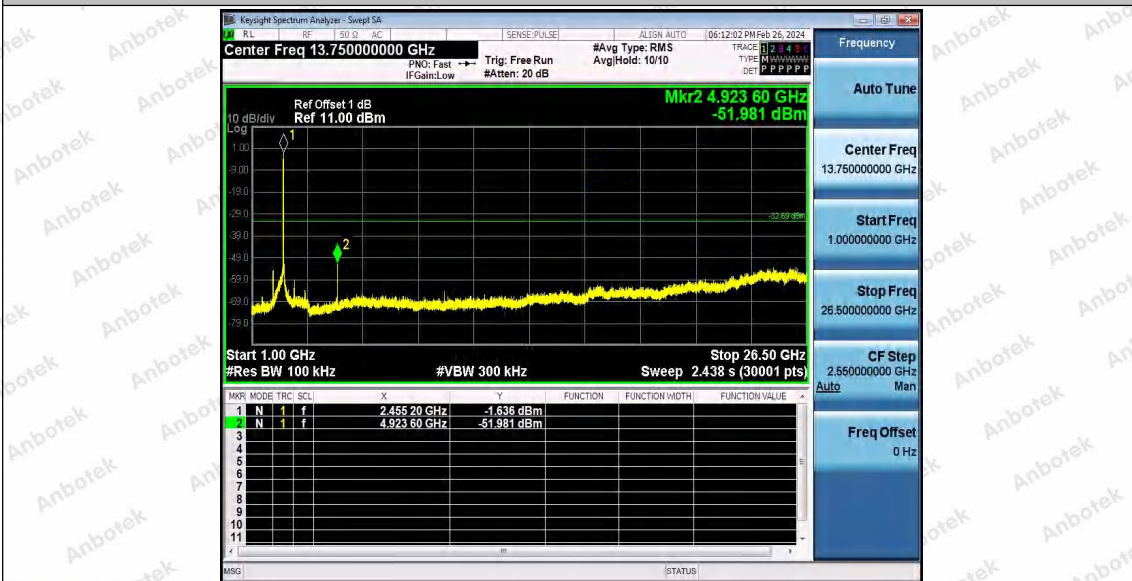




11AX20SISO\_Ant1\_2462\_30~1000



11AX20SISO\_Ant1\_2462\_1000~26500



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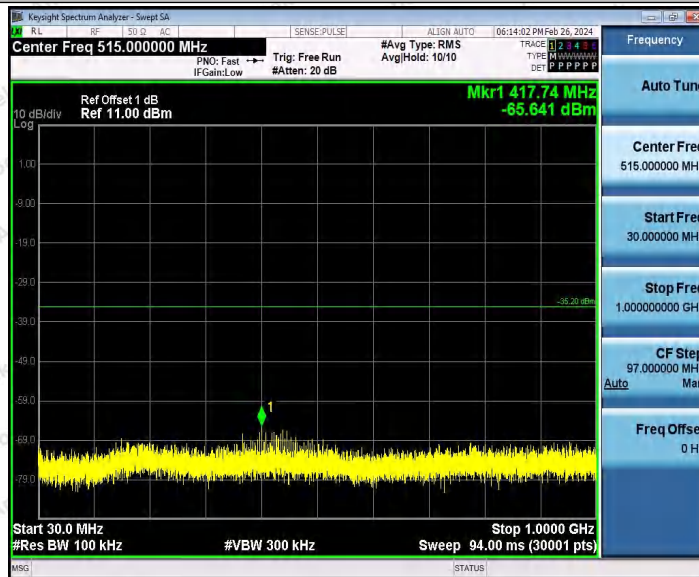
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### 11AX40SISO\_Ant1\_2422\_0~Reference



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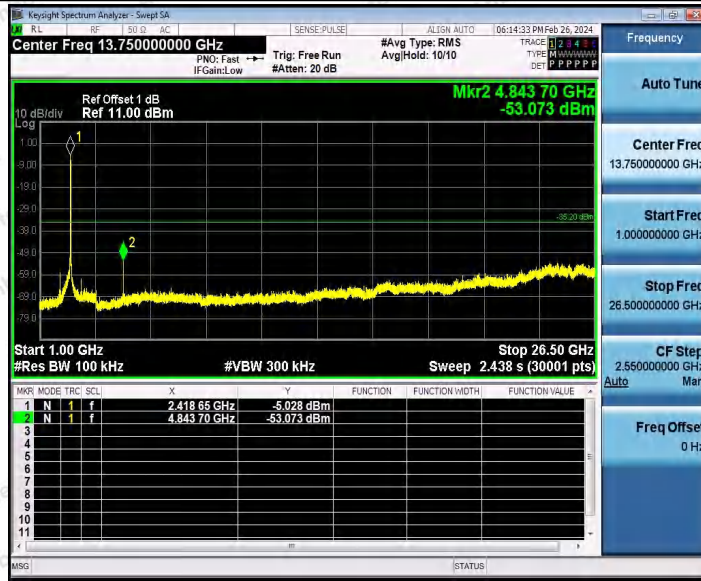
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11AX40SISO\_Ant1\_2437\_0-Reference



11AX40SISO\_Ant1\_2437\_30~1000



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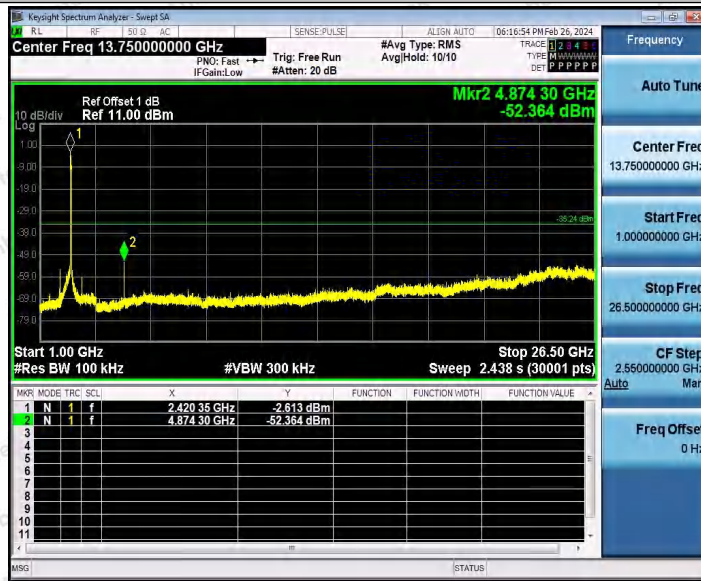
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.  
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### 11AX40SISO\_Ant1\_2437\_1000~26500



### 11AX40SISO\_Ant1\_2452\_0~Reference



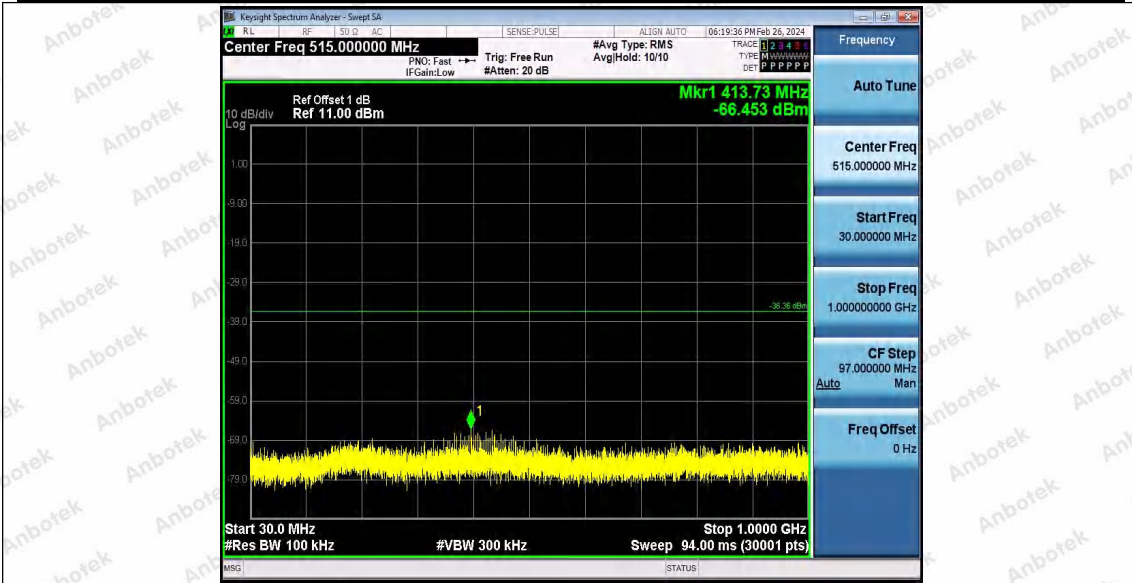
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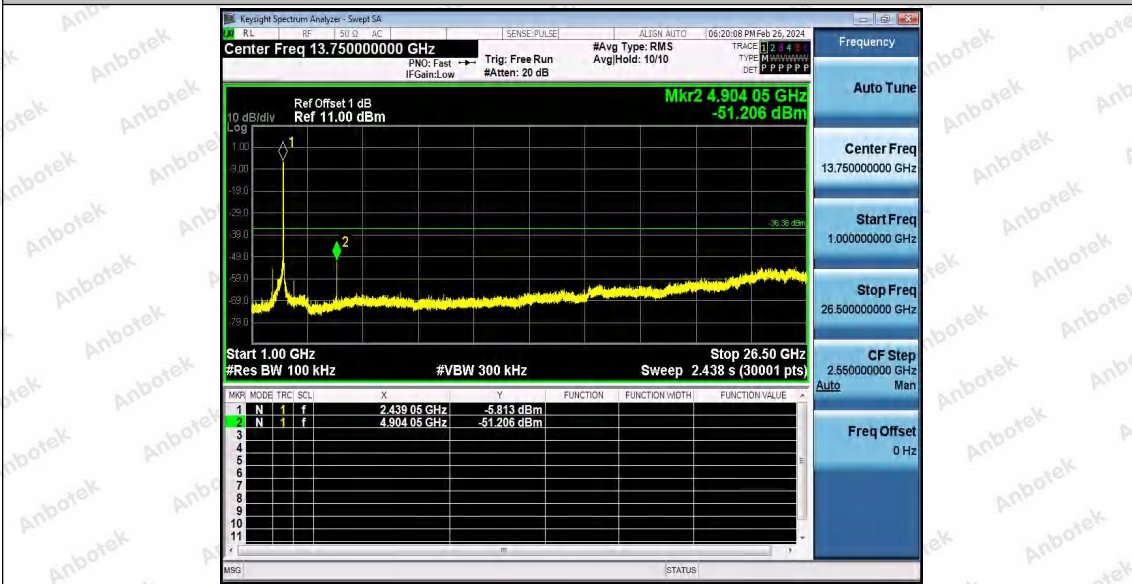
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.  
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11AX40SISO\_Ant1\_2452\_1000~26500



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## Appendix G: Duty Cycle

### Test Result

TestMode	Antenna	Frequency [MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Factor
11B	Ant1	2412	5.17	7.97	64.87	1.88
		2437	5.20	11.45	45.41	3.43
		2462	5.20	7.45	69.80	1.56
11G	Ant1	2412	5.11	5.41	94.45	0.25
		2437	5.11	5.41	94.45	0.25
		2462	5.10	5.85	87.18	0.60
11N20SISO	Ant1	2412	4.73	5.11	92.56	0.34
		2437	4.73	5.14	92.02	0.36
		2462	4.73	5.09	92.93	0.32
11N40SISO	Ant1	2422	4.55	4.84	94.01	0.27
		2437	4.56	4.97	91.75	0.37
		2452	4.56	4.91	92.87	0.32
11AX20SISO	Ant1	2412	3.61	3.92	92.09	0.36
		2437	3.60	3.90	92.31	0.35
		2462	3.60	3.90	92.31	0.35
11AX40SISO	Ant1	2422	5.37	5.74	93.55	0.29
		2437	5.38	5.72	94.06	0.27
		2452	5.37	5.77	93.07	0.31

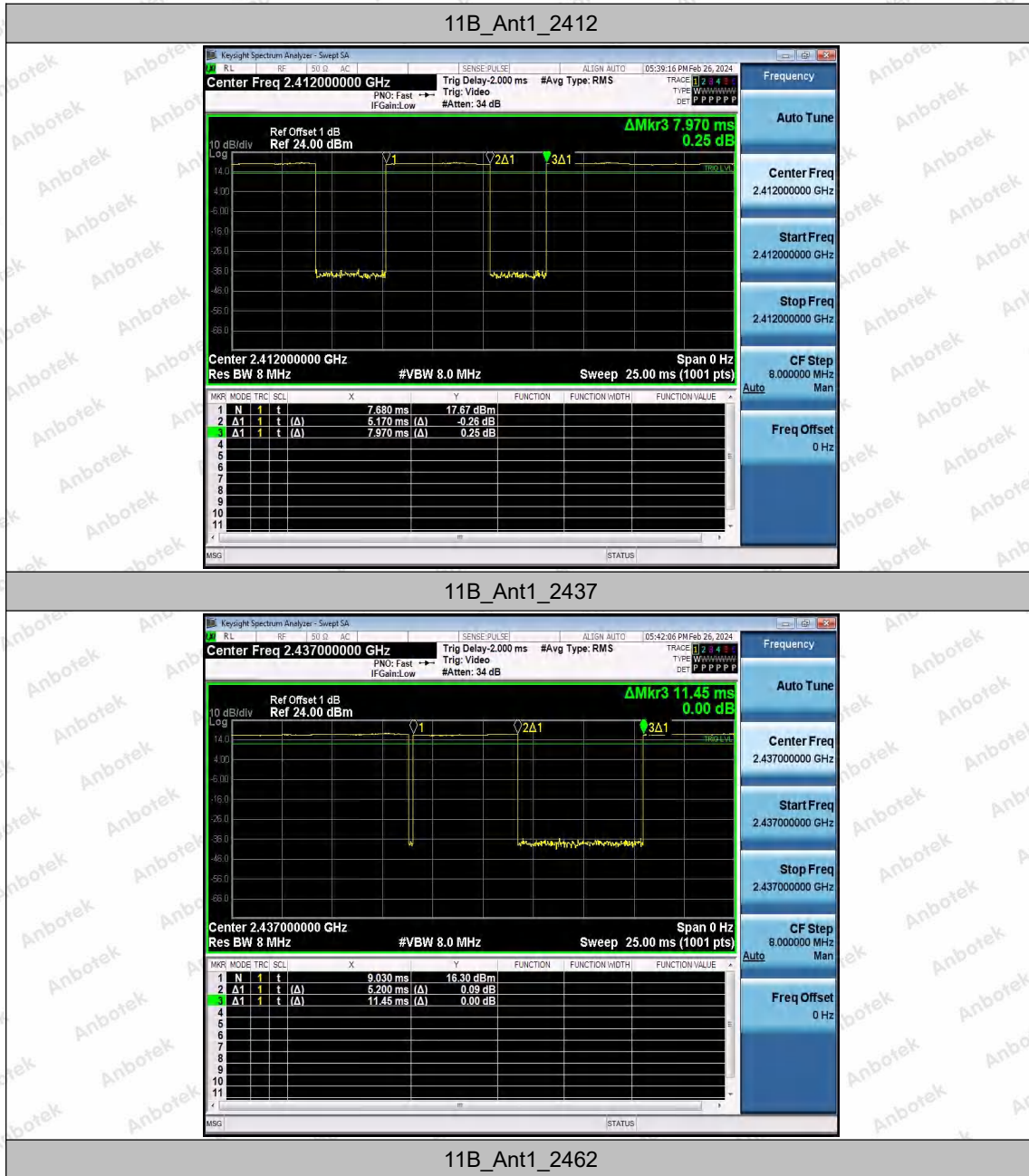
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## Test Graphs

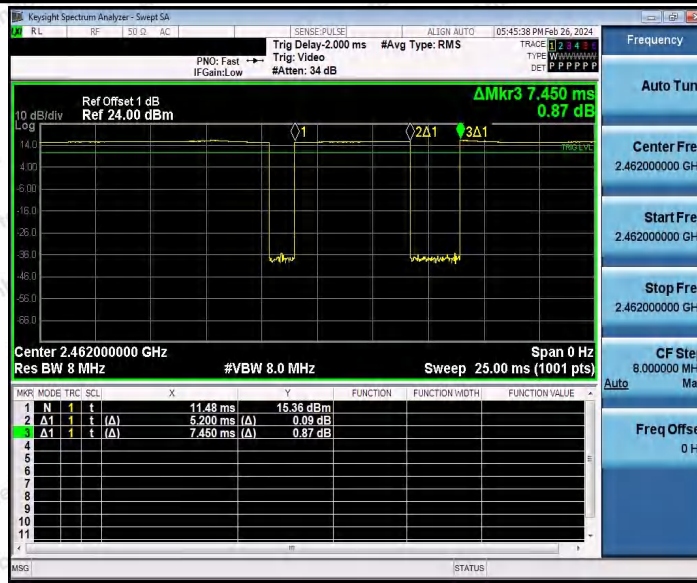


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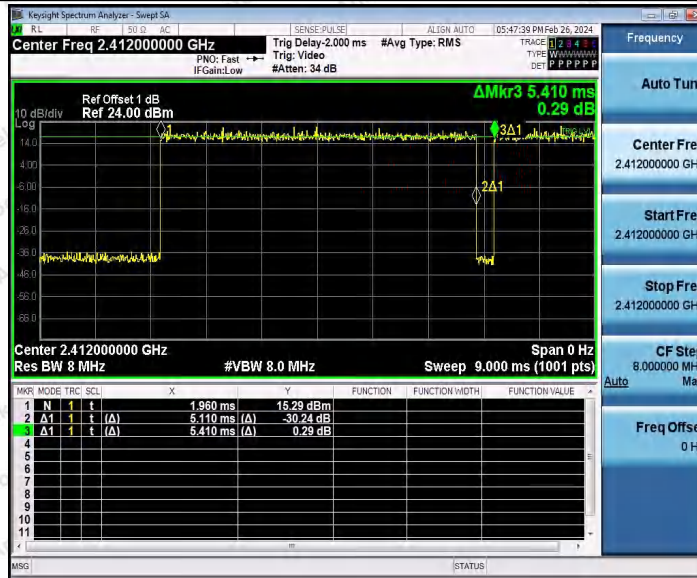
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11G\_Ant1\_2412



11G\_Ant1\_2437

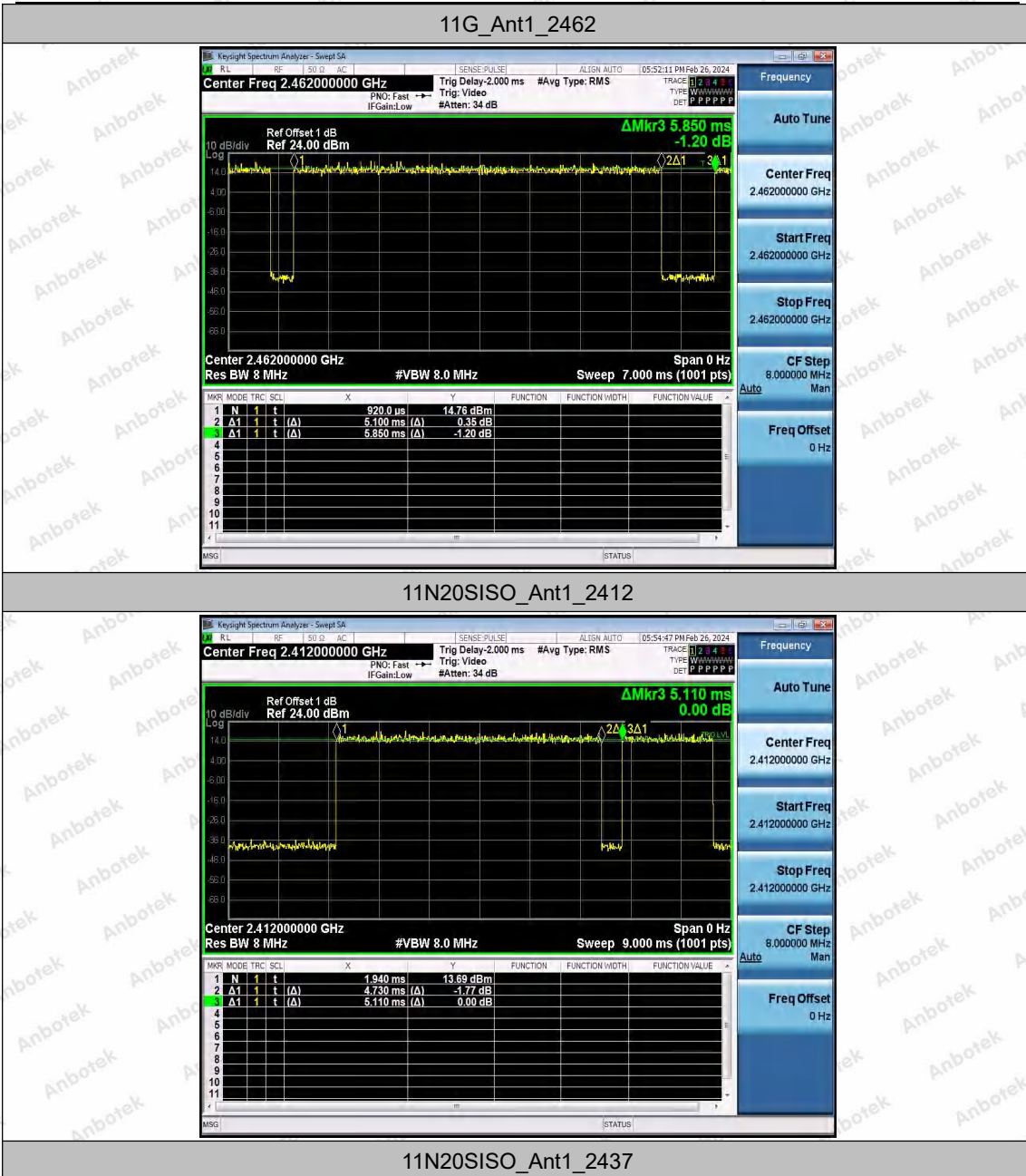


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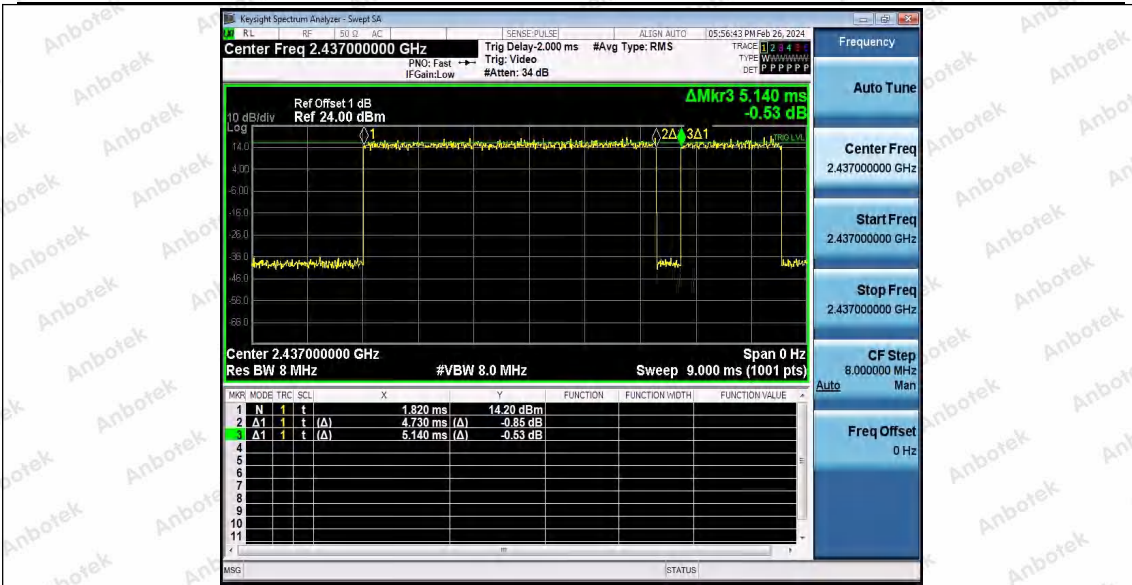


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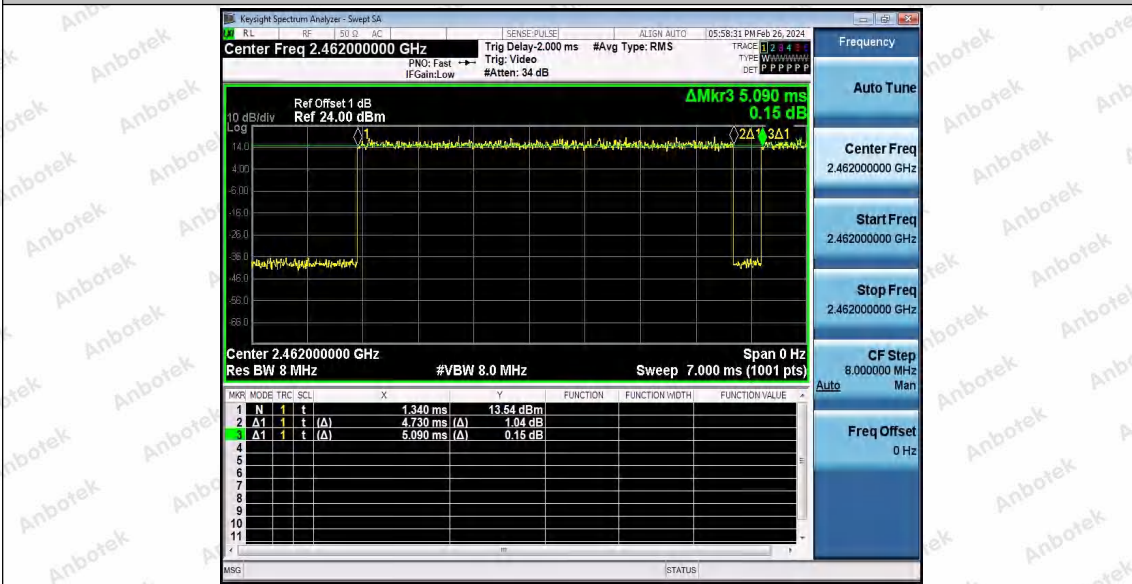
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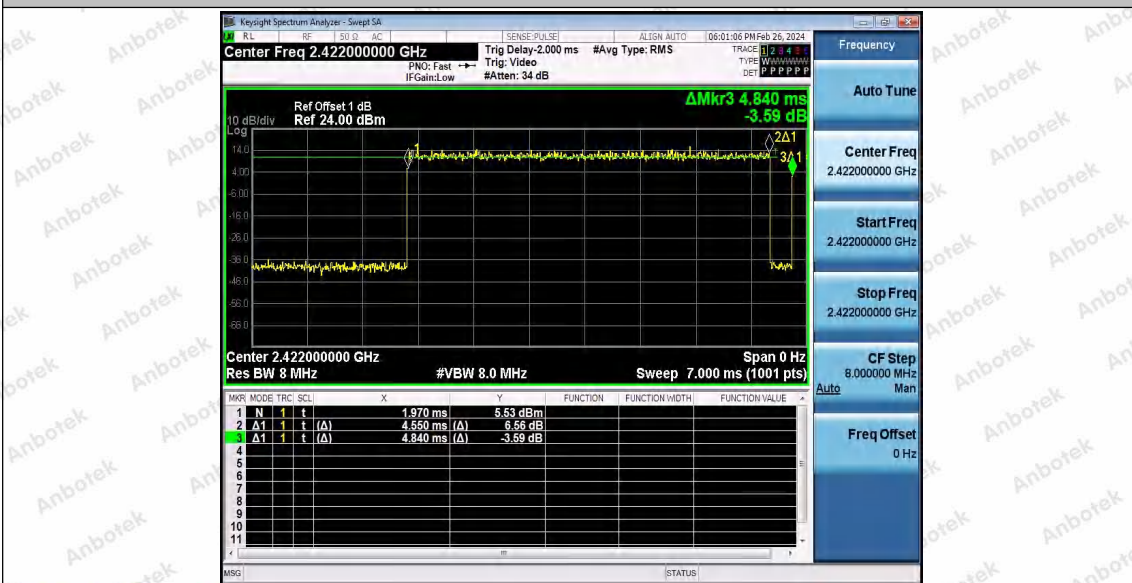




11N20SISO\_Ant1\_2462



11N40SISO\_Ant1\_2422



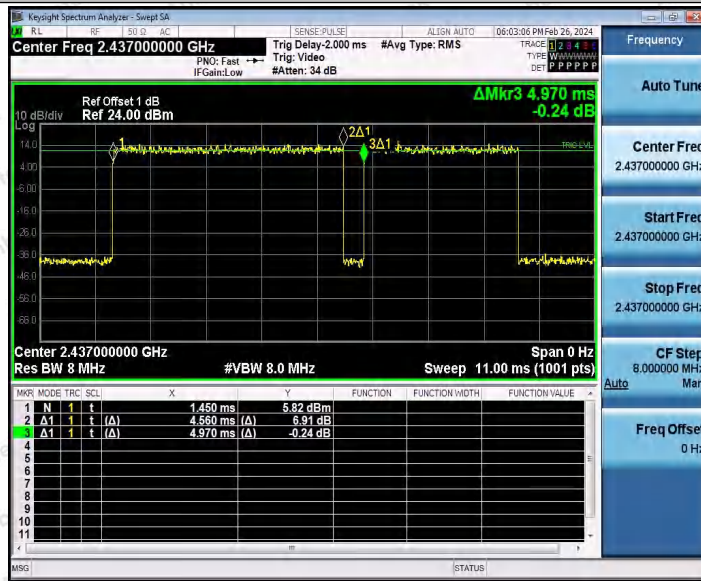
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 Tel: (86) 0755-26066440 Fax: (86) 0755-26014772 Email: service@anbotek.com

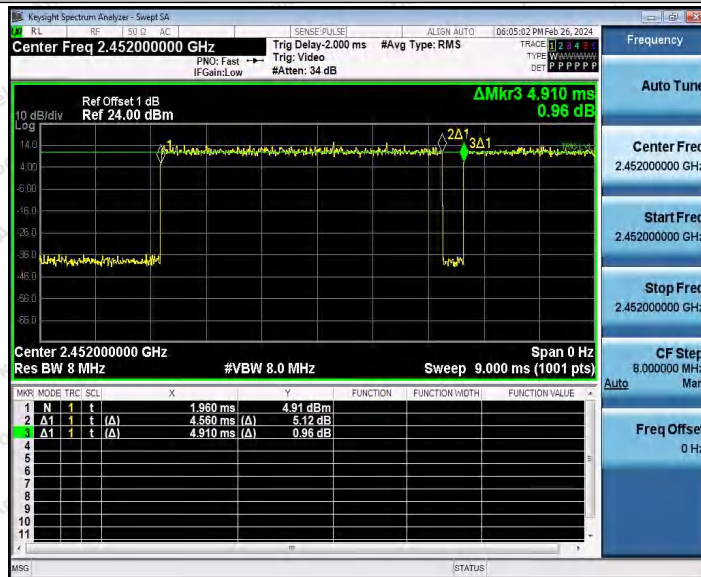
Hotline: 400-003-0500  
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### 11N40SISO\_Ant1\_2437



### 11N40SISO\_Ant1\_2452



### 11AX20SISO\_Ant1\_2412

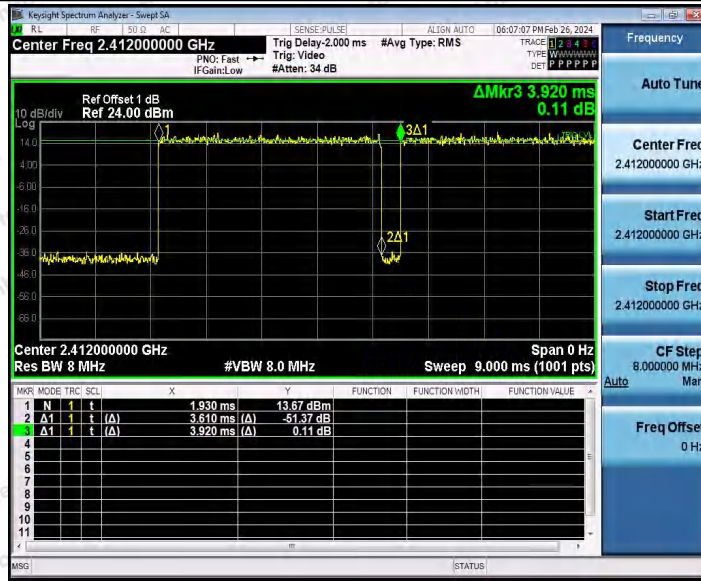
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 Tel: (86) 0755-26066440 Fax: (86) 0755-26014772 Email: service@anbotek.com

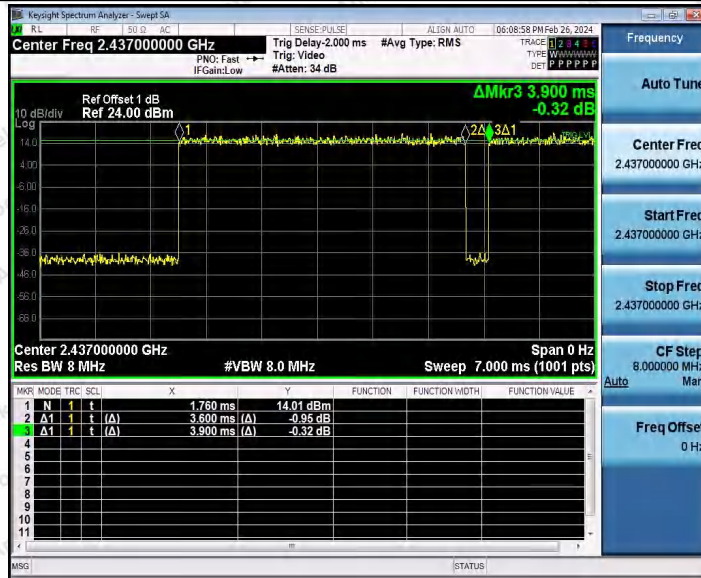
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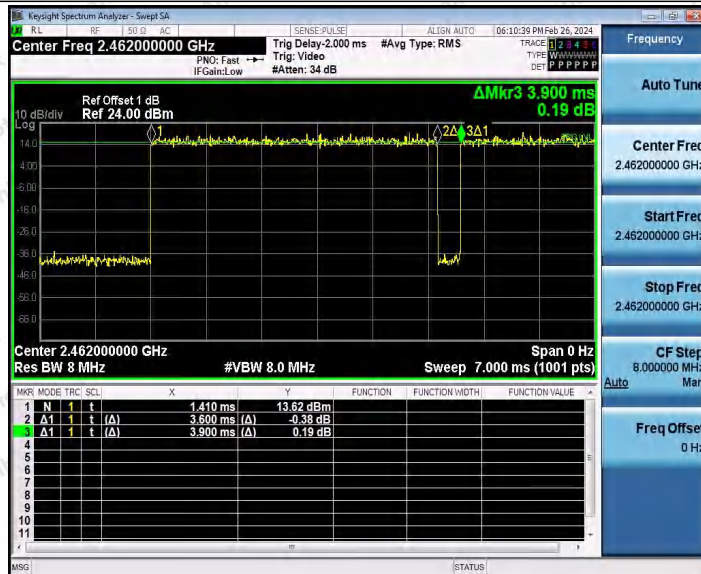




11AX20SISO\_Ant1\_2437



11AX20SISO\_Ant1\_2462



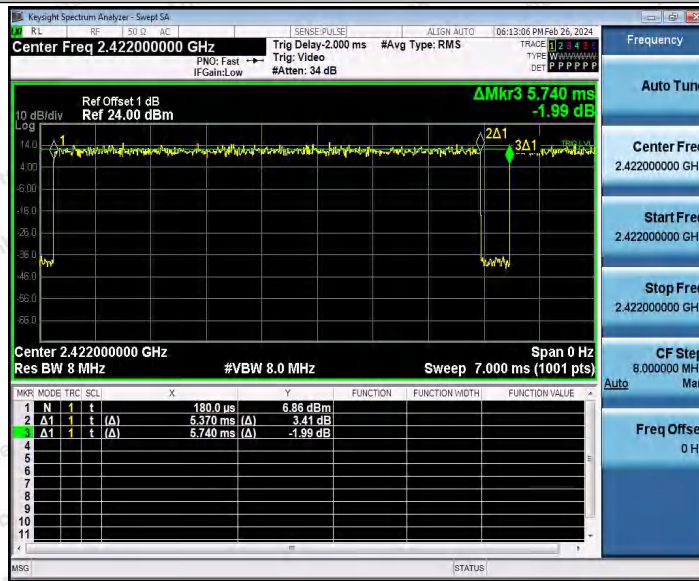
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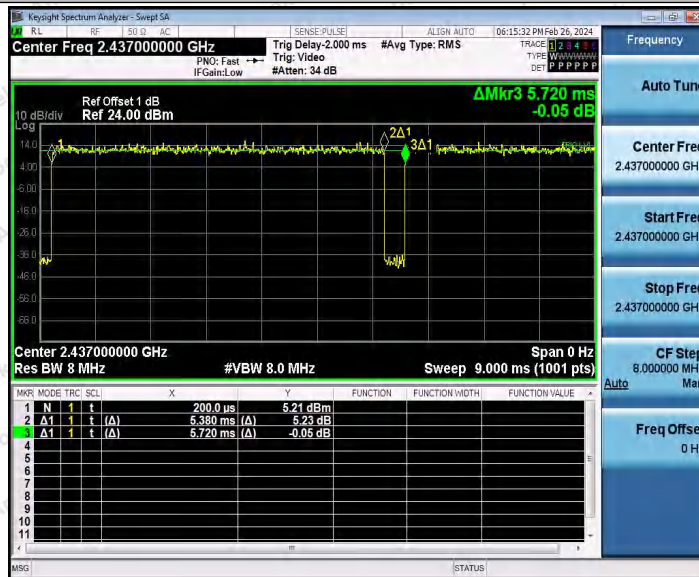
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### 11AX40SISO\_Ant1\_2422



### 11AX40SISO\_Ant1\_2437



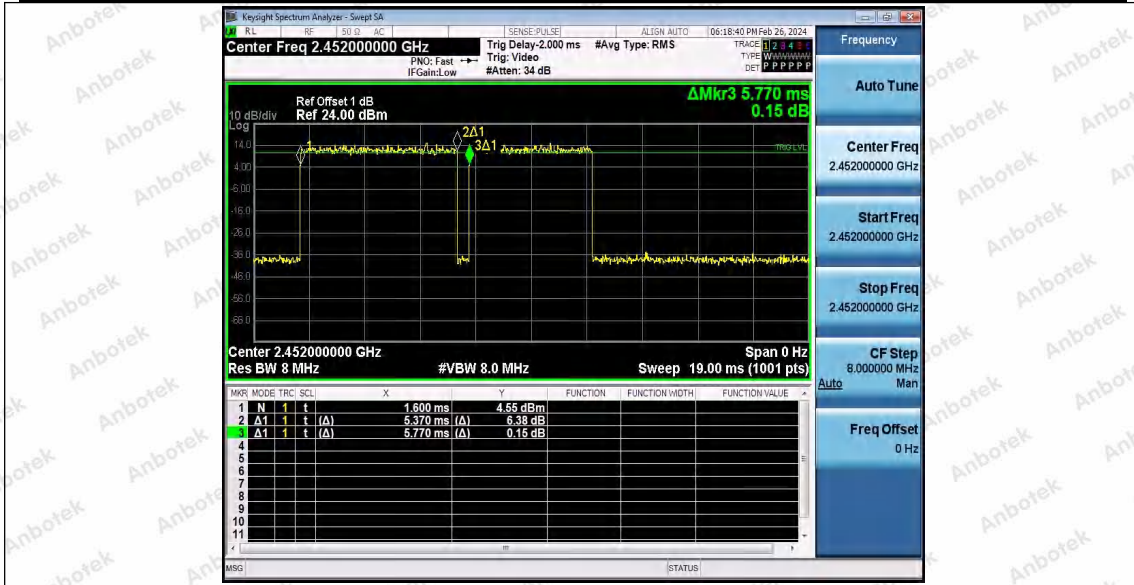
### 11AX40SISO\_Ant1\_2452

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