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Antenna performance test report			
customer name	ZhiJingChuangXin	Radio Frequency Engineer	Xiao Qiang
project name	W610	structural engineer	Huang Zhen Ming
antenna frequency band	WIFI/BT		
report version	time	summarize	
V1.0	2025-8-30	The performance test results of the antenna	

Test report directory

- 🔗 I. Overall effect rendering of the complete machine
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I Overall effect rendering of the complete machine



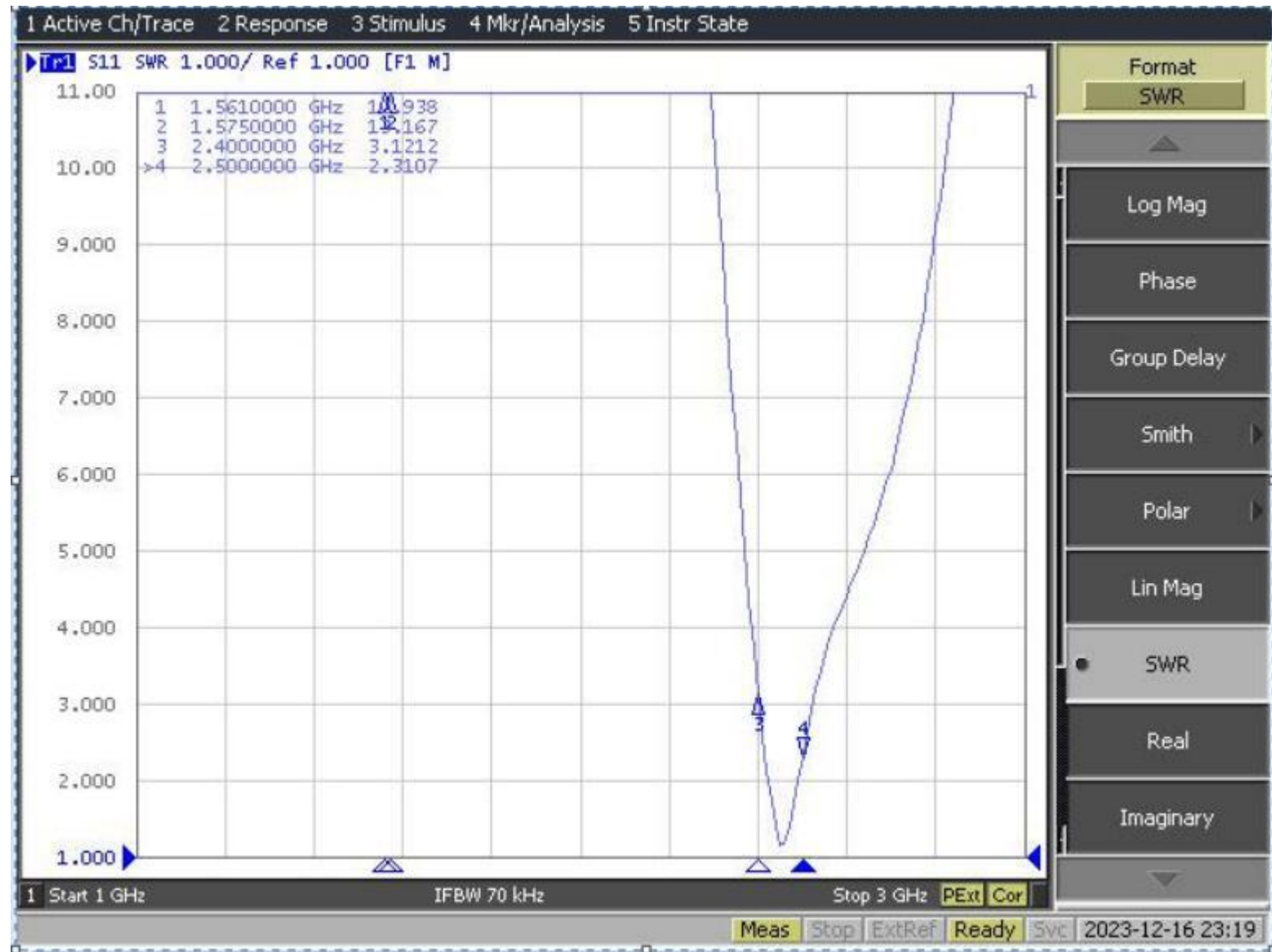
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II. matching circuit

The matching circuit has not been changed.

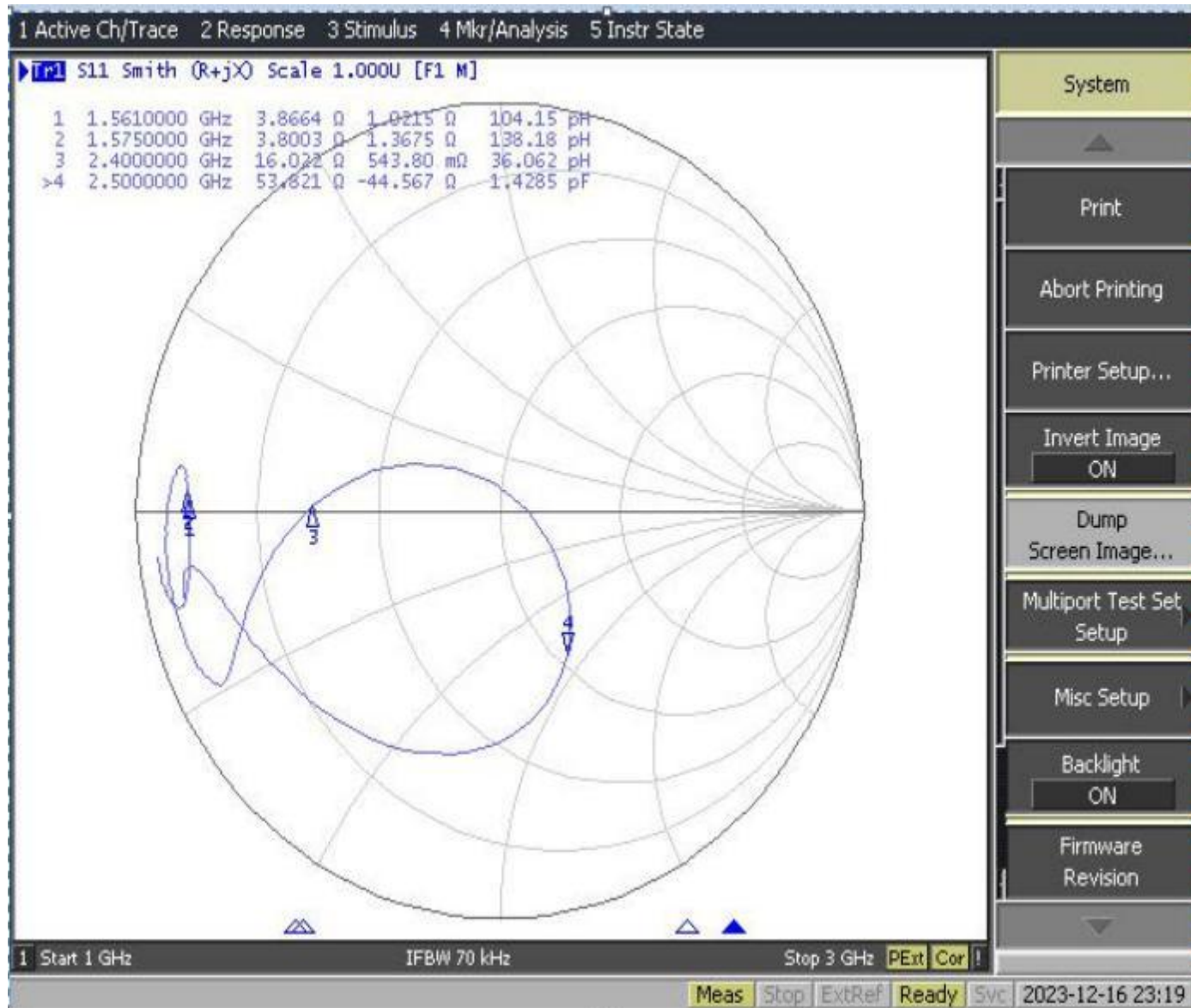
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III antenna passive standing wave chart



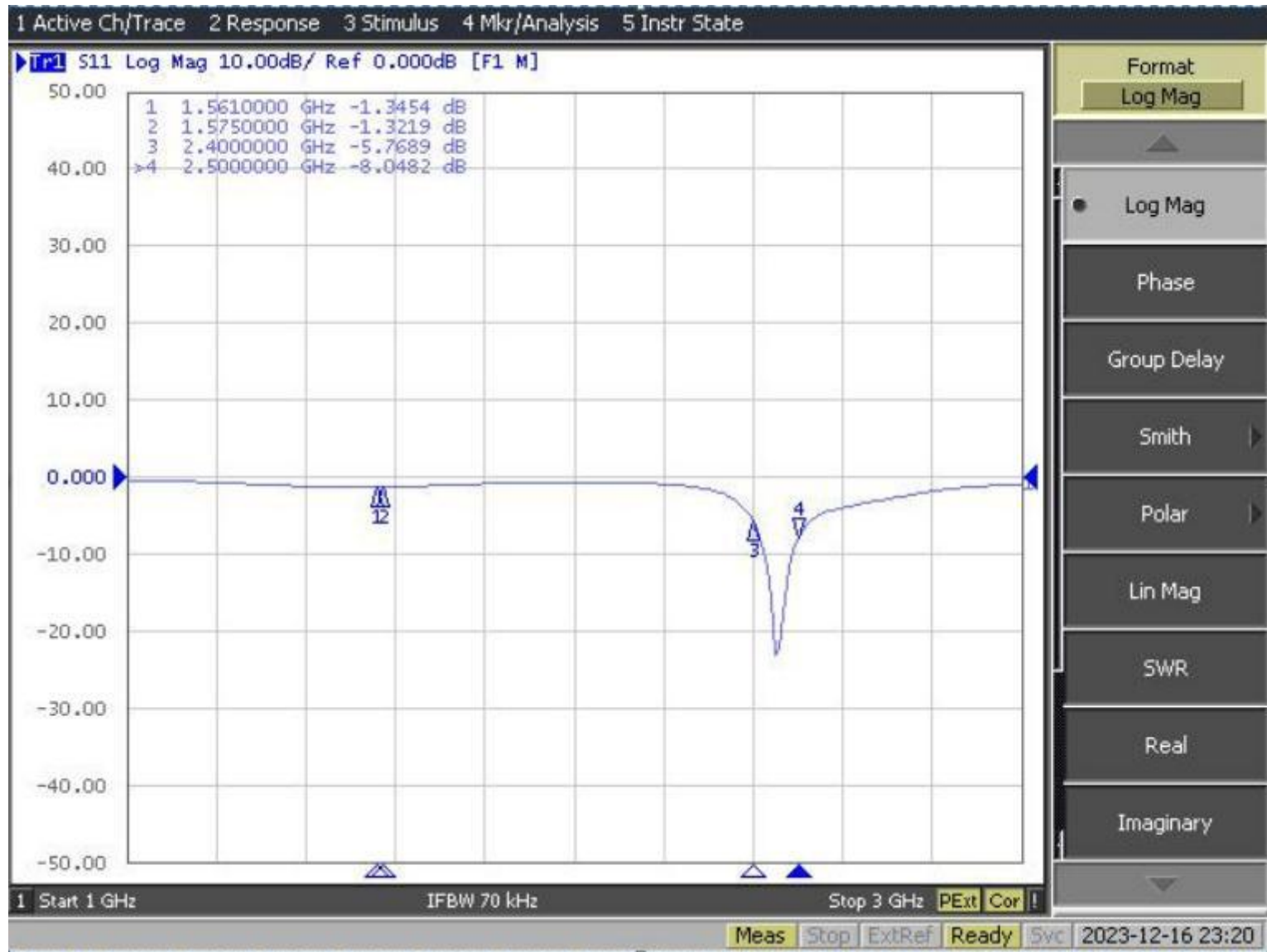
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IV antenna passive Smith chart



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V Passive antenna reflection loss diagram



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VIantenna passive gain efficiency

	A	B	C
1	Freq	Effi	Gain
2	(MHz)	(%)	(dBi)
3	2400	37.17	0.99
4	2410	40.71	1.65
5	2420	47.79	2.39
6	2430	50.17	2.66
7	2440	51.29	2.71
8	2450	53.21	2.74
9	2460	52.82	2.64
10	2470	48.19	2.17
11	2480	44.99	1.81
12	2490	38.47	1.06
13	2500	36.21	0.96

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VII.Antenna

