



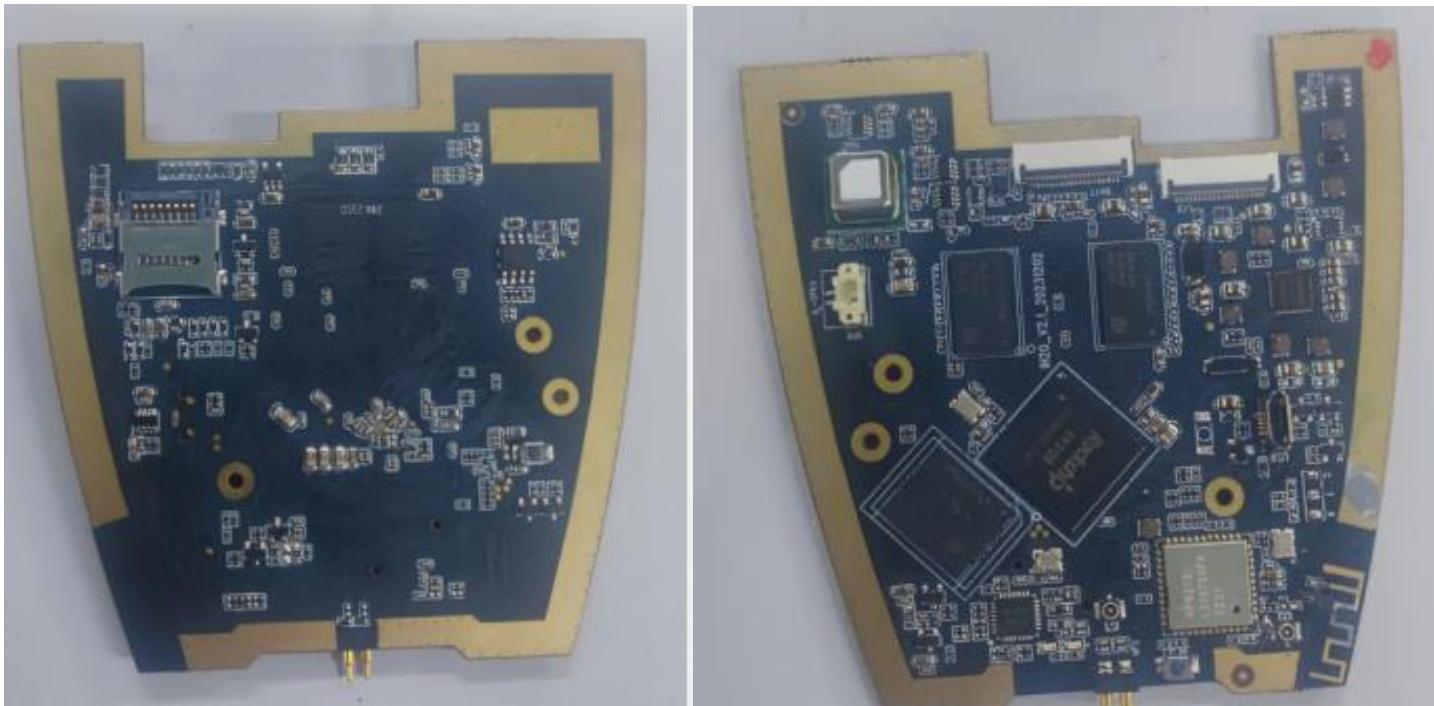
Antenna performance test report

Customer		RF Engineer	Xiao Qiang
Project	IH20	Structural Engineer	Huang Zhenming
Antenna frequency band	WIFI/BT		
Version	Date	Contents	
V1.0	2024-1-30	Antenna performance test results	

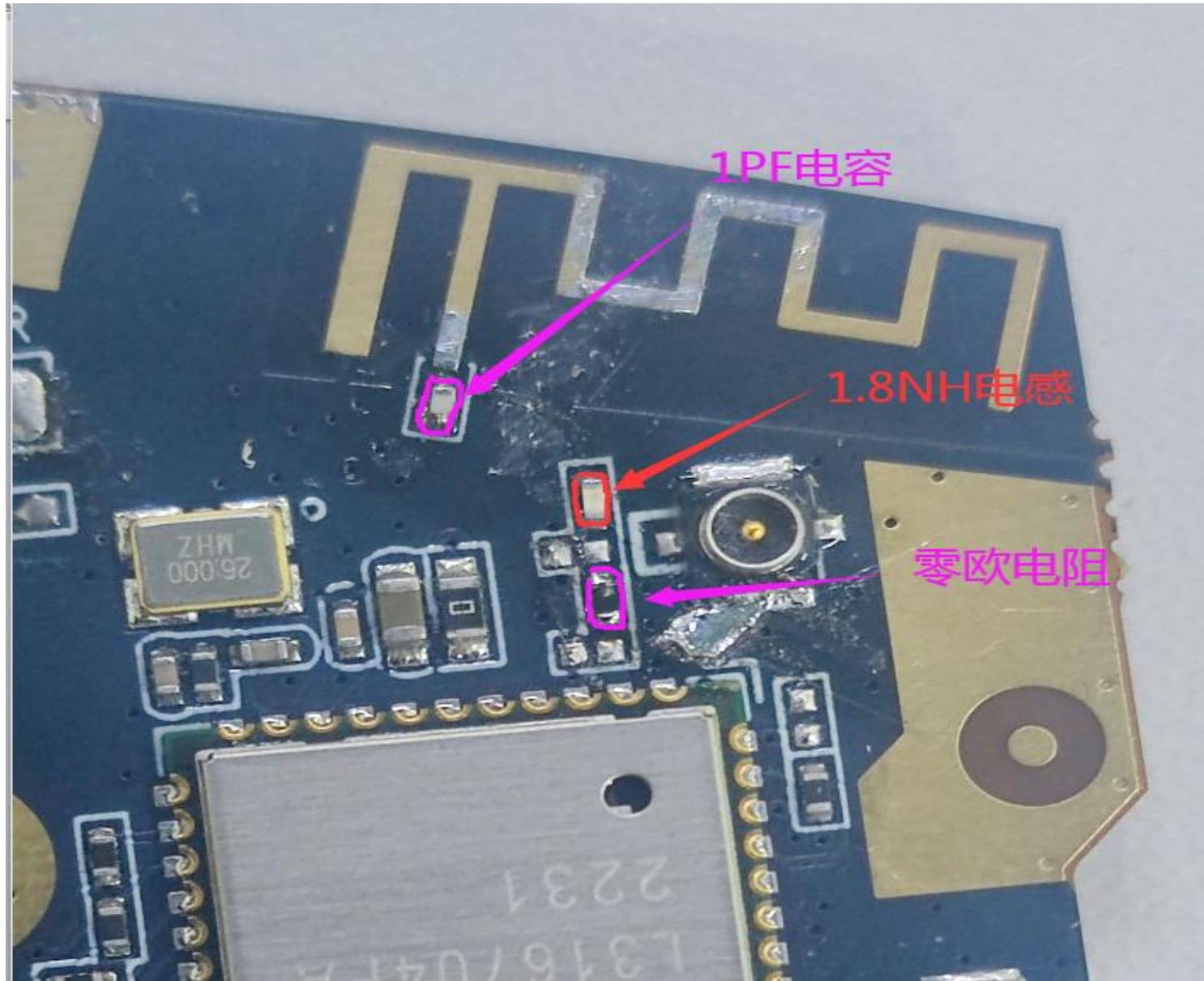
Test report directory

- I. Whole machine renderings
- II. Matching circuit
- III. What is the meaning of this?
- IV. Antenna Passive Smith Chart
- V. Antenna passive return loss
- VI. Antenna passive gain efficiency
- VII. Remark

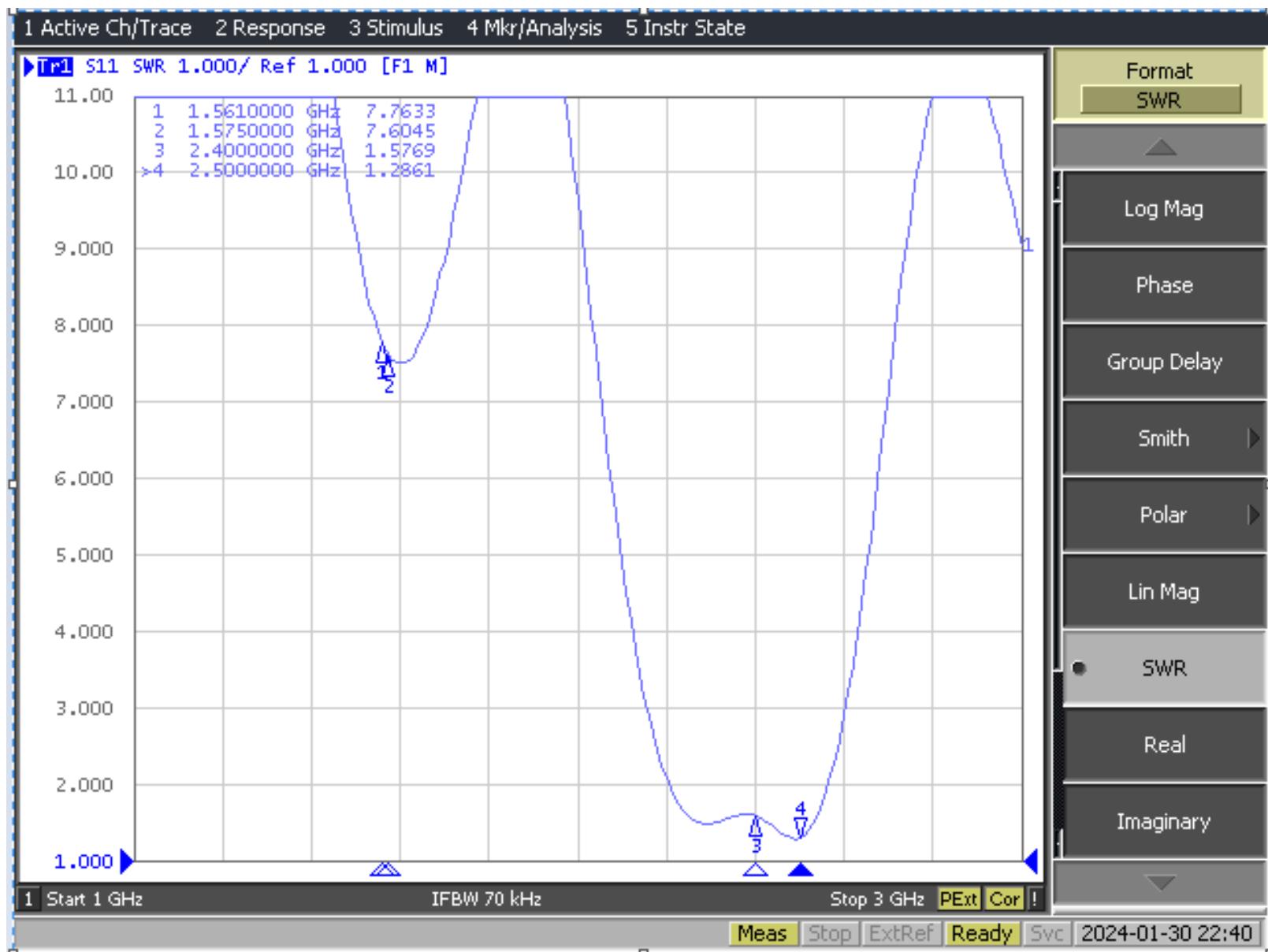
I Machine effect diagram



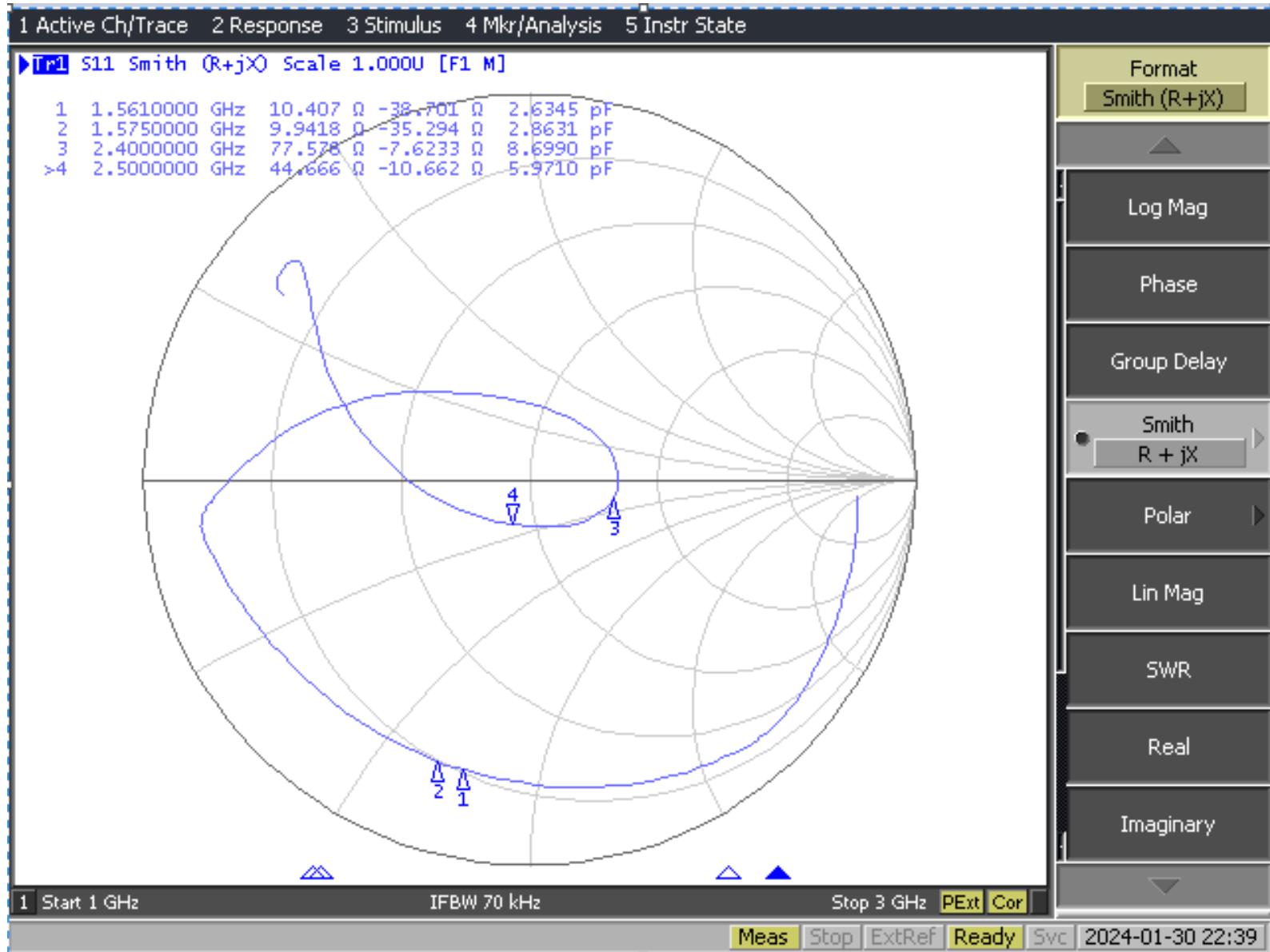
III. Matching circuit



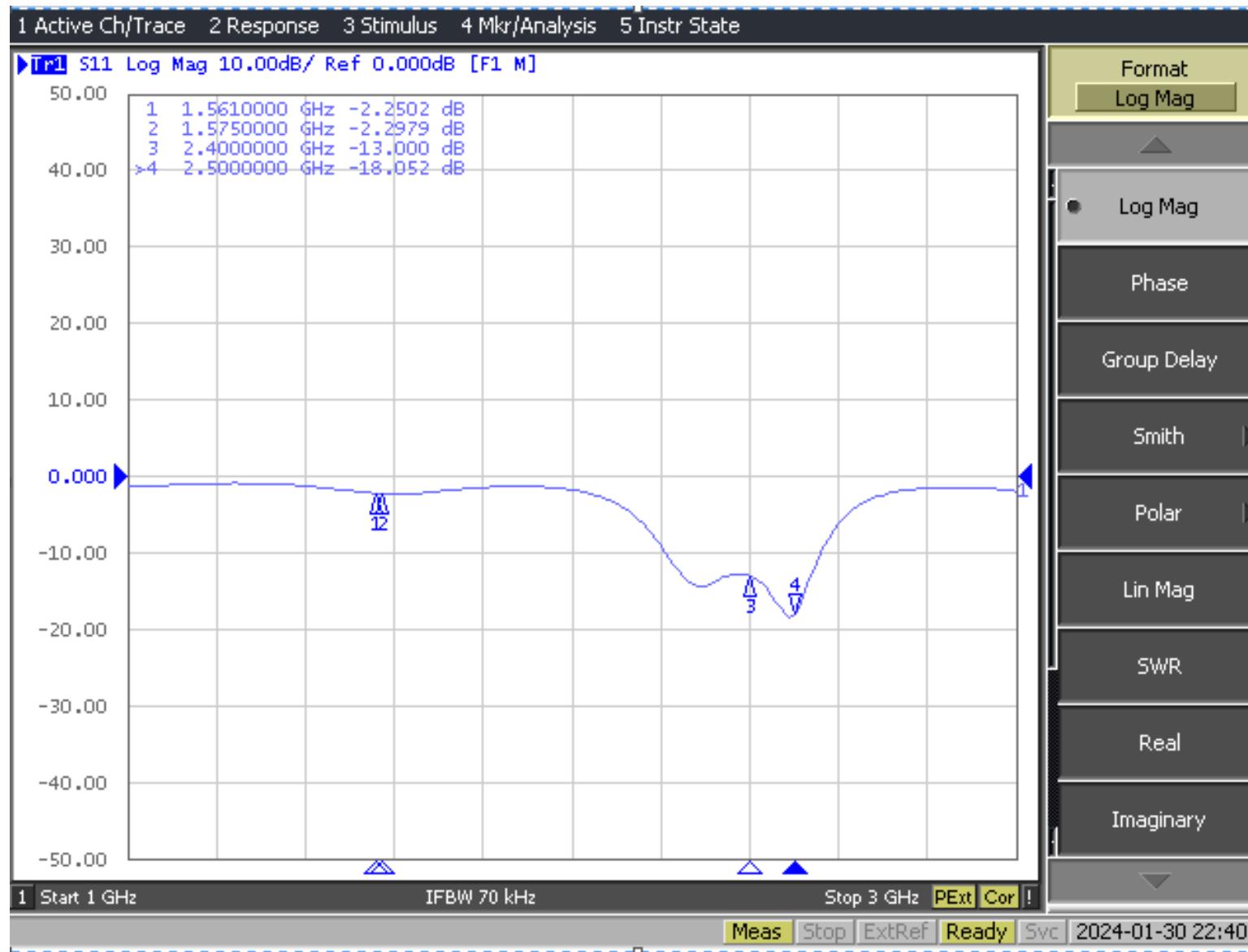
III Antenna Passive Standing Wave Diagram



IV Antenna Passive Smith Chart



V Antenna passive return loss



VI Antenna passive gain efficiency

	A	B	C
1	Freq	Effi	Gain
2	(MHz)	(%)	(dBi)
3	2400	47.77	0.54
4	2410	47.86	0.36
5	2420	46.77	0.27
6	2430	48.81	0.51
7	2440	51.91	0.84
8	2450	52.09	0.86
9	2460	52.84	1.04
10	2470	52.84	1.13
11	2480	54.2	1.41
12	2490	55.52	1.51
13	2500	52.72	1.19

VIII.Remark

1. The above passive data is based on the following matching. Please paste the material according to the report.

