

SPECIFICATION FOR APPROVAL

CUS PART NO: RWC2.0B/ RWC2.0BC

PART NAME: RoboZoo Mini bionic robot fish

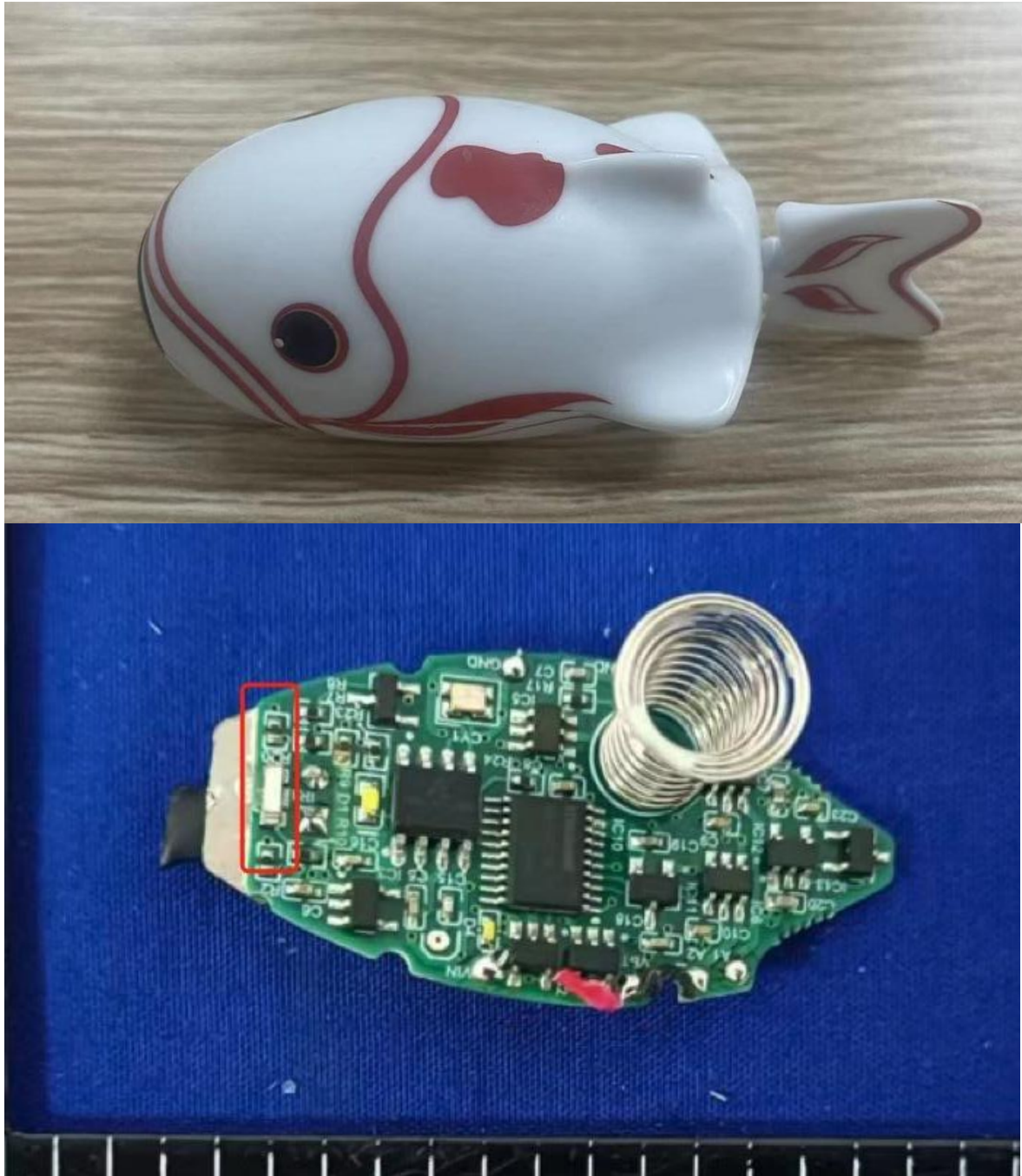
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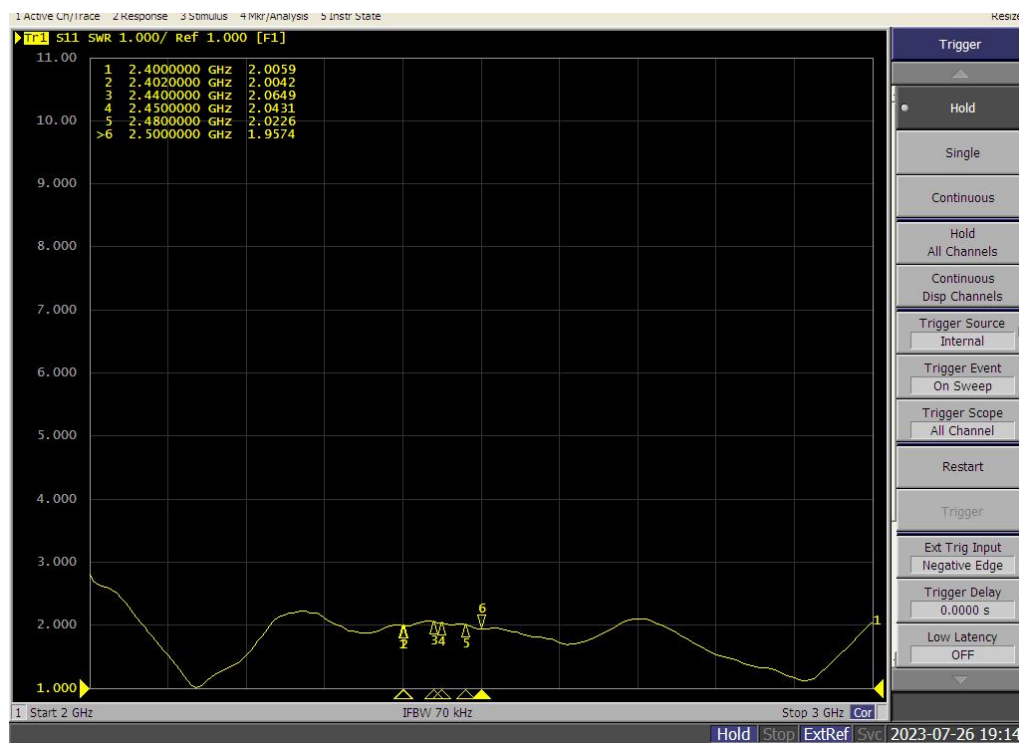
1. Performance parameter

Name	RoboZoo Mini bionic robot fish
Model Type	Chip Antenna
Frenquency Range	2400-2500 MHz
SIZE	1.0×0.5 mm
Impedance	50Ω
VSWR	< 2.1
Max Gain	1.90 dBi
Manufacture	Rofut (Beijing) Technology Co .,Ltd
Address	Room 430, 4th floor, Building 1, Jinzhuang No. 1 Courtyard, Haidian District, Beijing China

2. Appearance



3. VSWR parameters



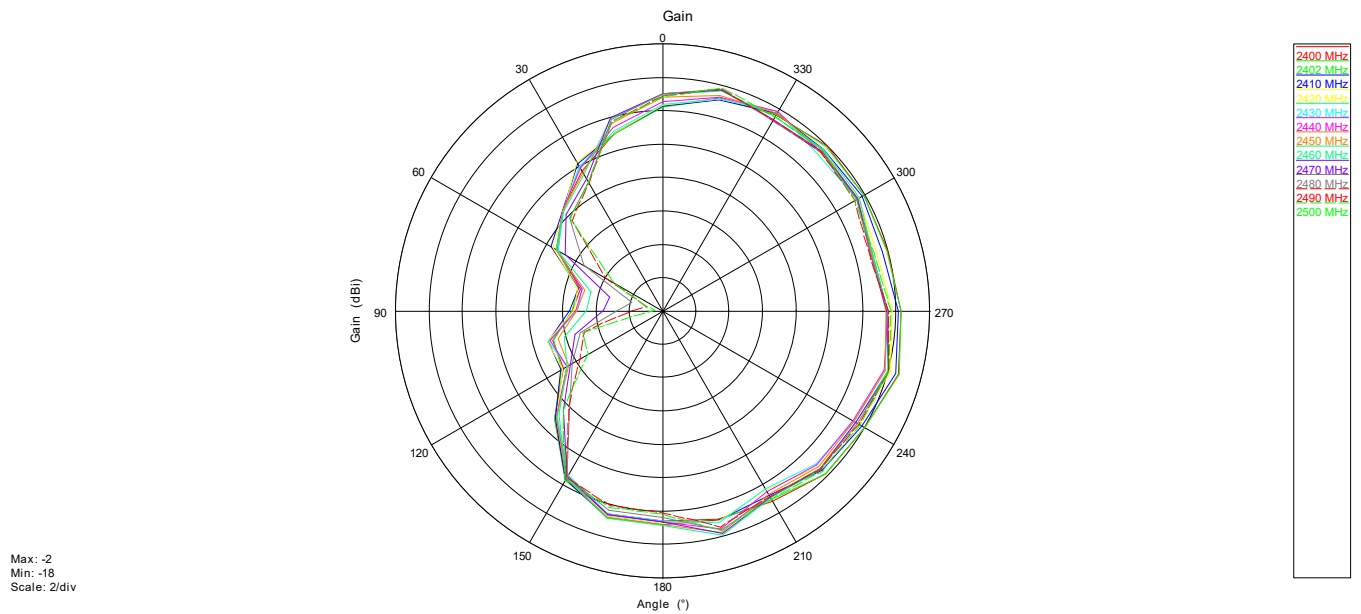
Frequency (MHz)	2400	2450	2500
VSWR	2.00	2.04	1.96

4. Passive test data:

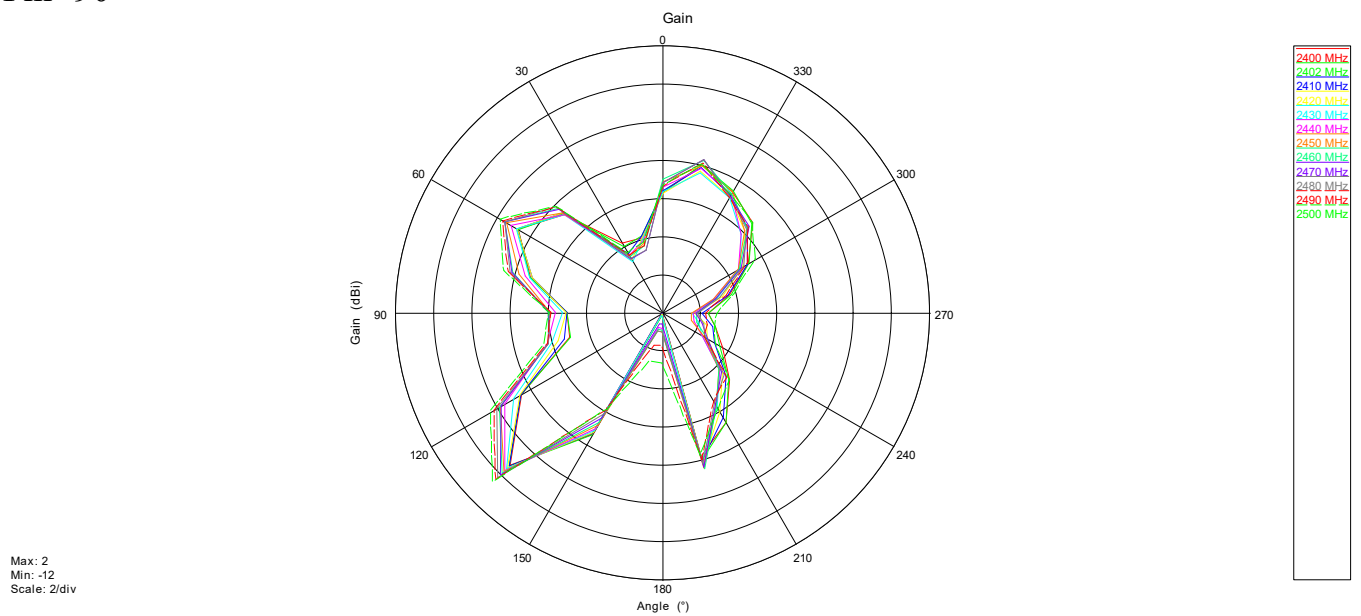
Frequency(MHz)	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500
Gain(dBi)	0.68	0.66	0.68	0.78	1.15	1.36	1.58	1.54	1.56	1.70	1.90
Efficiency(%)	27.19	26.53	25.64	25.19	26.18	26.78	27.64	27.47	27.72	28.26	29.56

5. Radiation pattern

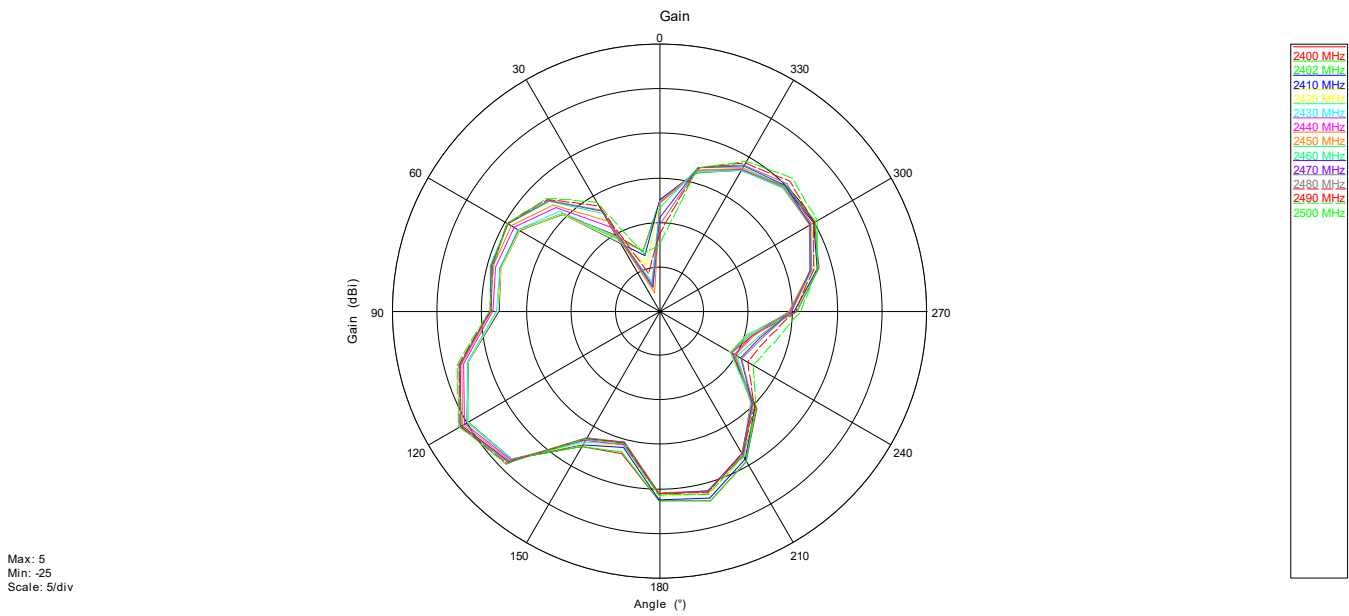
Phi=0



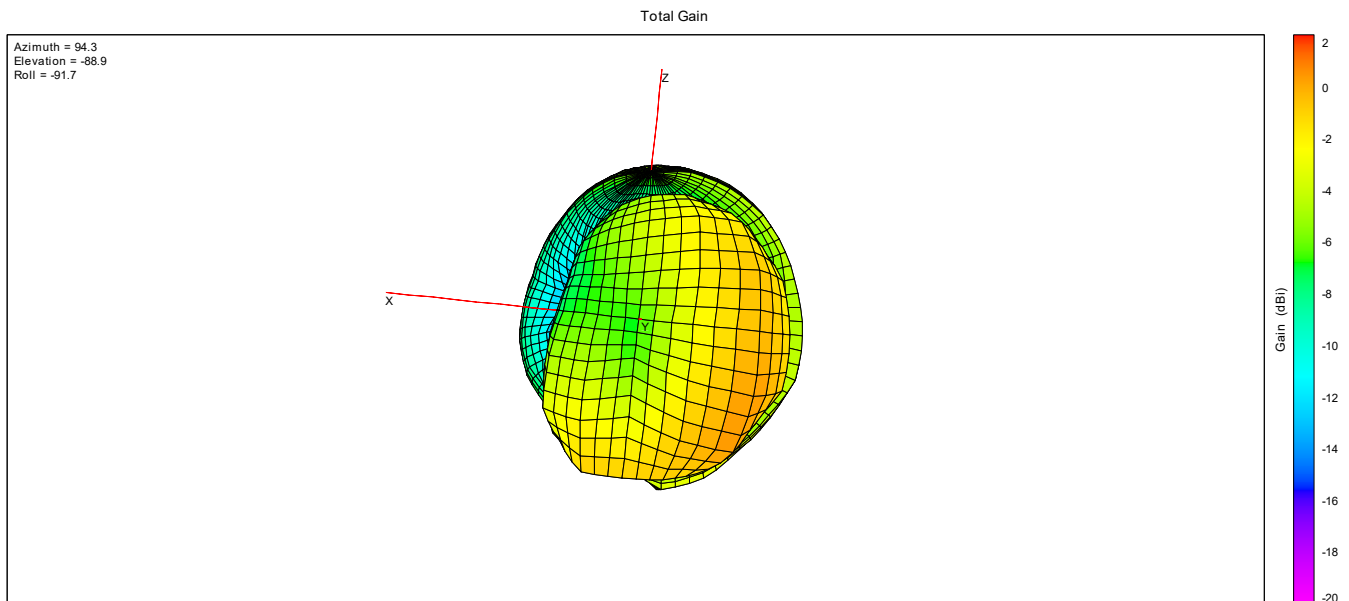
Phi=90



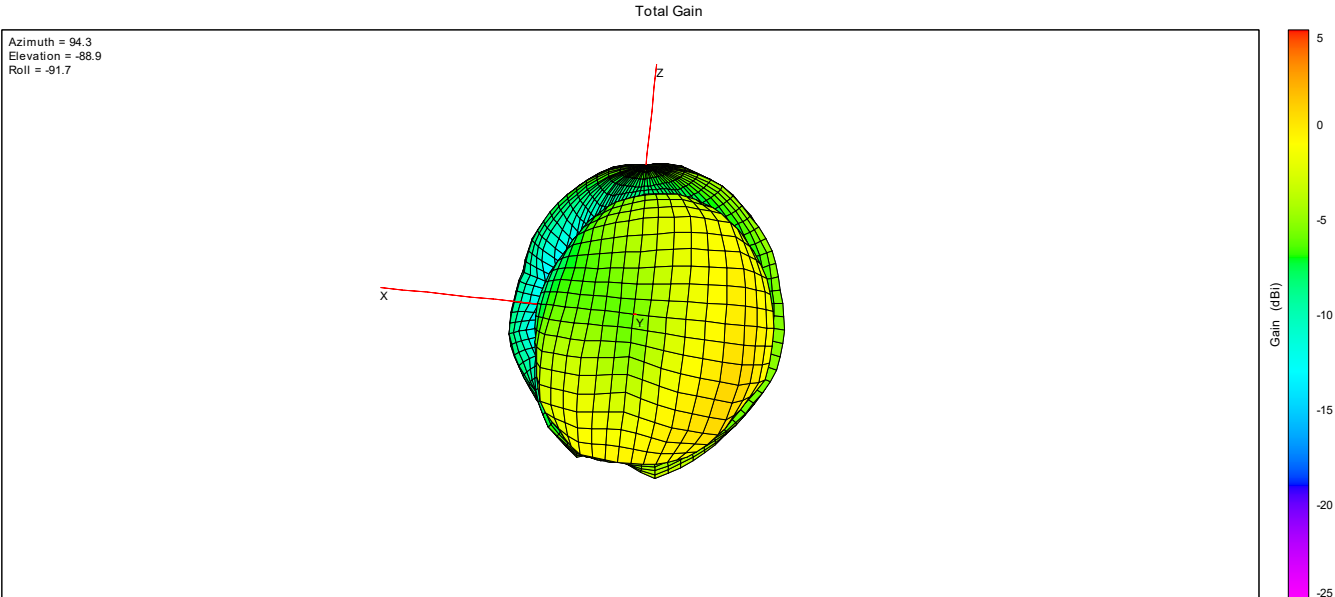
Theta=90



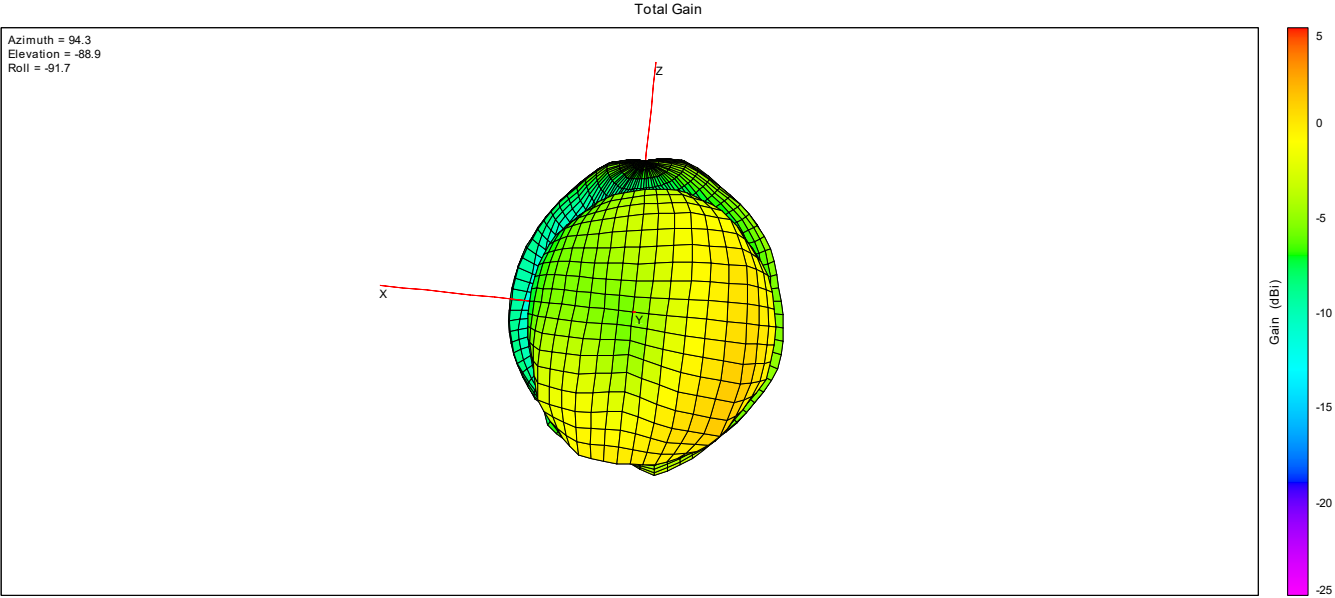
2400MHz



2450MHz



2500MHz



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