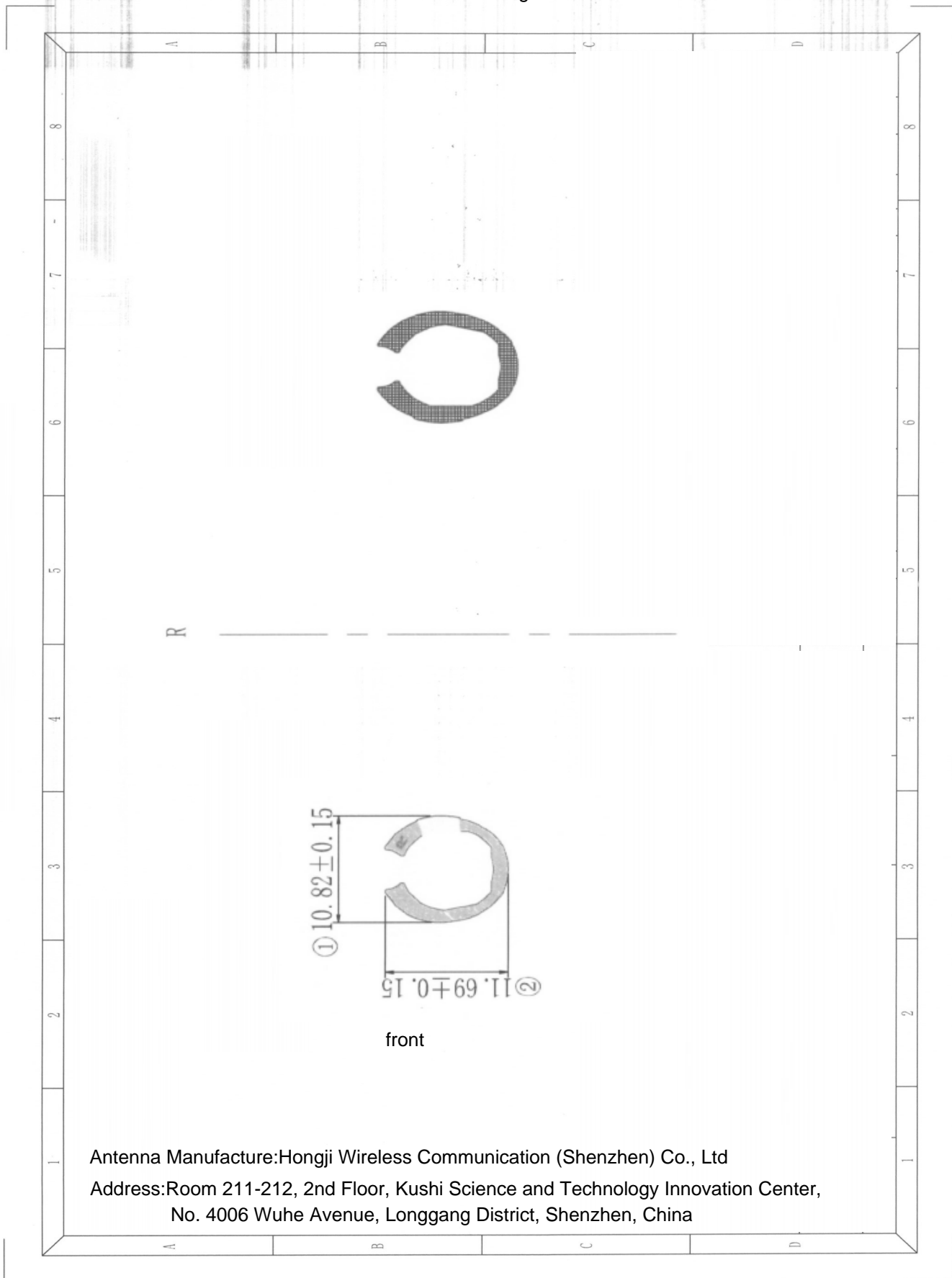


Antenna Drawing



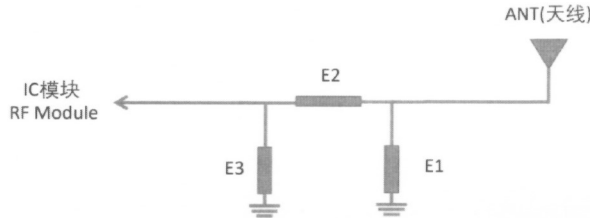
Antenna Manufacture: Hongji Wireless Communication (Shenzhen) Co., Ltd
Address: Room 211-212, 2nd Floor, Kushi Science and Technology Innovation Center,
No. 4006 Wuhe Avenue, Longgang District, Shenzhen, China

电气、机械性能说明

Electrical and mechanical performance specifications

1、匹配电路图 Matching circuit diagram

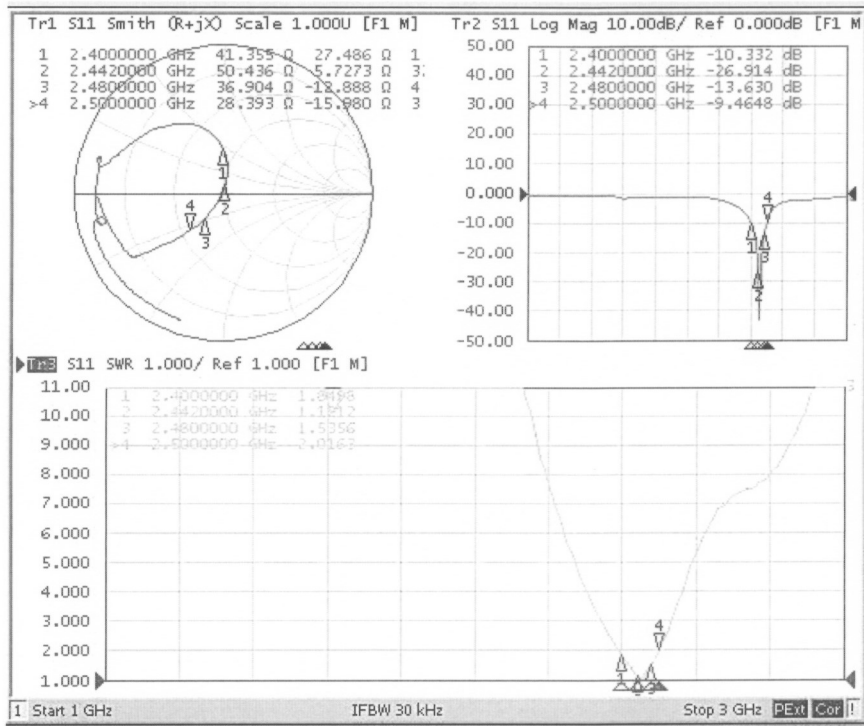
天线匹配电路说明 Antenna circuit matching description



Element	Value
E1	N/A
E2	0Ω
E3	1.8PF

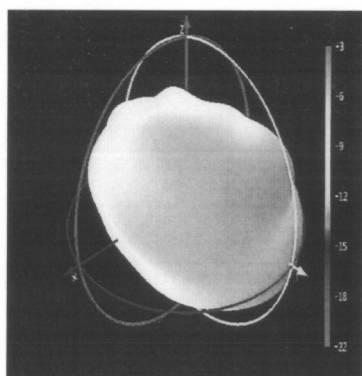


2、S11参数 parameter

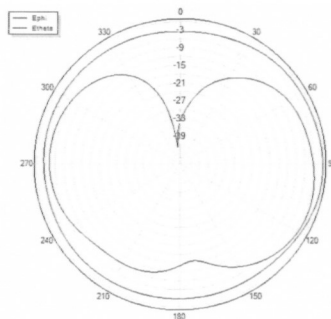


3、无源效率 Passive efficiency

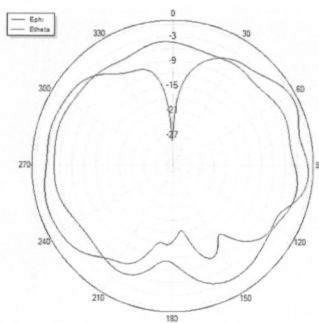
Freq[MHz]	Efficiency(%)	Gain(dBi)
	自由空间	自由空间
2400	19.79	-4.15
2410	21.09	-3.96
2420	21.92	-3.82
2430	22.2	-3.73
2440	21.97	-3.66
2450	21.5	-3.64
2460	20.85	-3.63
2470	20.13	-3.64
2480	19.18	-3.63



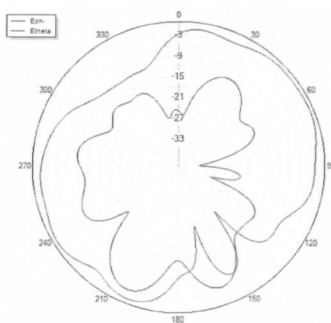
Theta=90 freq=2450MHz



Phi=90 freq=2450MHz



Phi=0 freq=2450MHz



4、有源OTA数据 Active OTA data

R	信道	TRP (dbm)	TRP (dBm)
自由空间	0	0.34	-87.21
	39	0.42	-87.86
	78	0.17	-86.98

