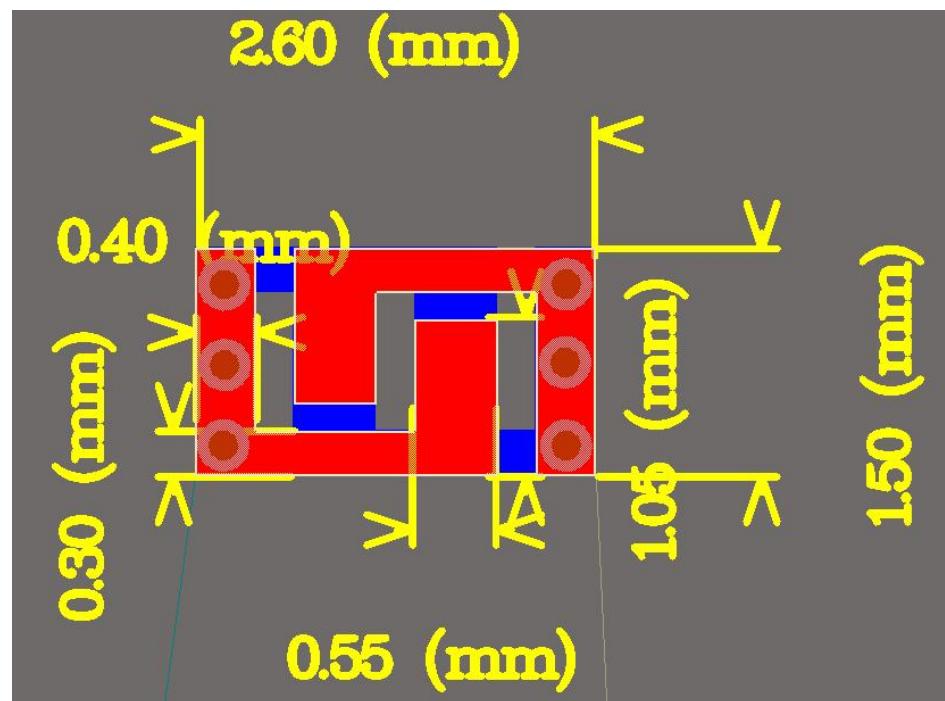


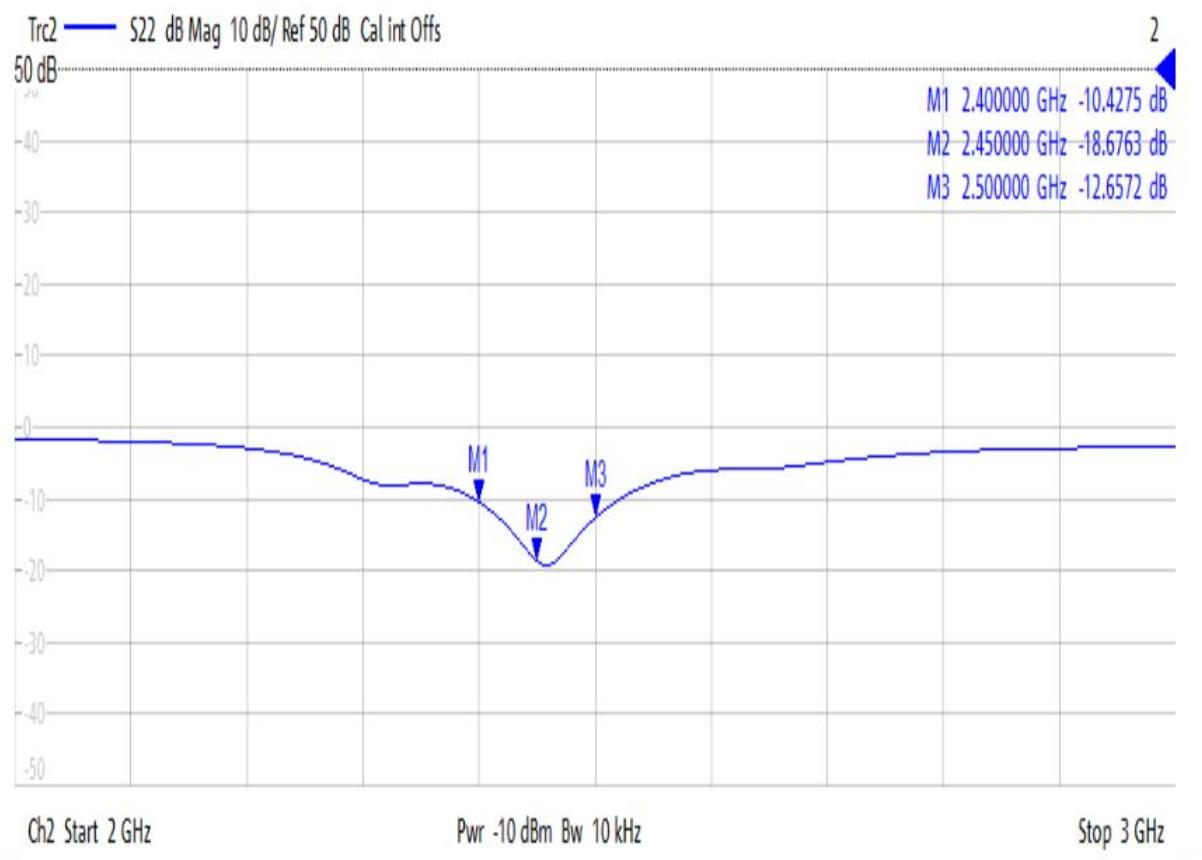
— RF PCB



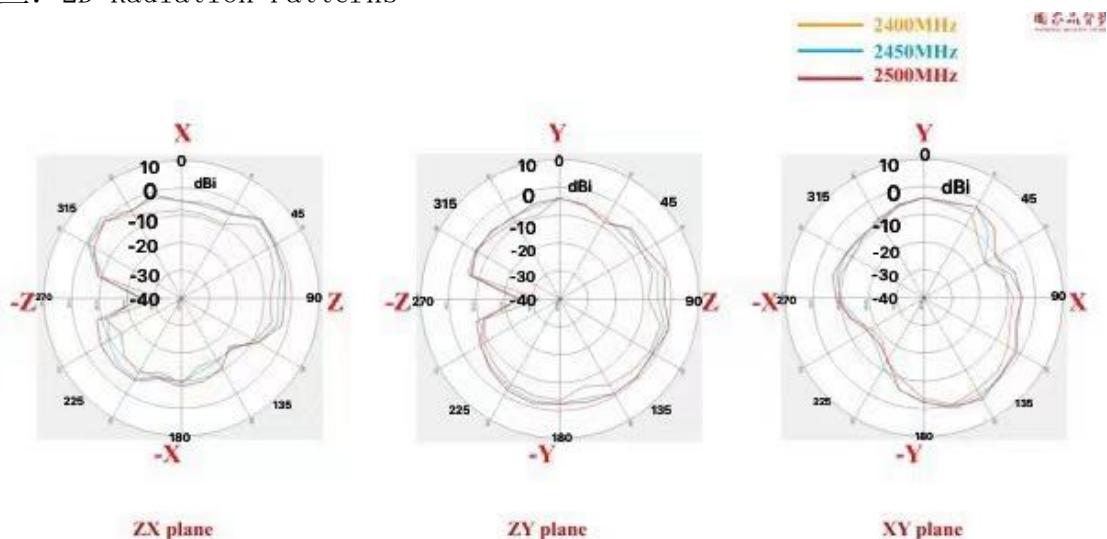
COMPANY	Shenzhen Stepp Technology Co., Ltd
DESCRIPTION	PCB On-board antenna
OUR MODEL NO	ST003
Dimension (mm)L*W*T	2.6*1.5*0.8
Company address	4th floor, Building A3, Huafeng Century Science and Technology Park, Xixiang Street, Bao'an District, Shenzhen

Central Frequency	2450	MHz
Bandwidth	120 (Min.)	MHz
Peak Gain	0.8	dBi
Impedance	50	Ohm
Operating Temperature	-40～+85	°C

二 . Return Loss



三. 2D Radiation Patterns



Frequency [MHz]	XZ-Plane		YZ-Plane		XY-Plane	
	Max. Value (dB)	Ave. Value (dB)	Max. Value (dB)	Ave. Value (dB)	Max. Value (dB)	Ave. Value (dB)
2400 MHz	-3.3	-9.21	-5.95	-9.87	-3.11	-9.52
2450 MHz	-1.79	-6.72	-5.68	-8.42	-1.77	-8.19
2500 MHz	-2.17	-6.63	-3.32	-8.02	0.8	-7.83