

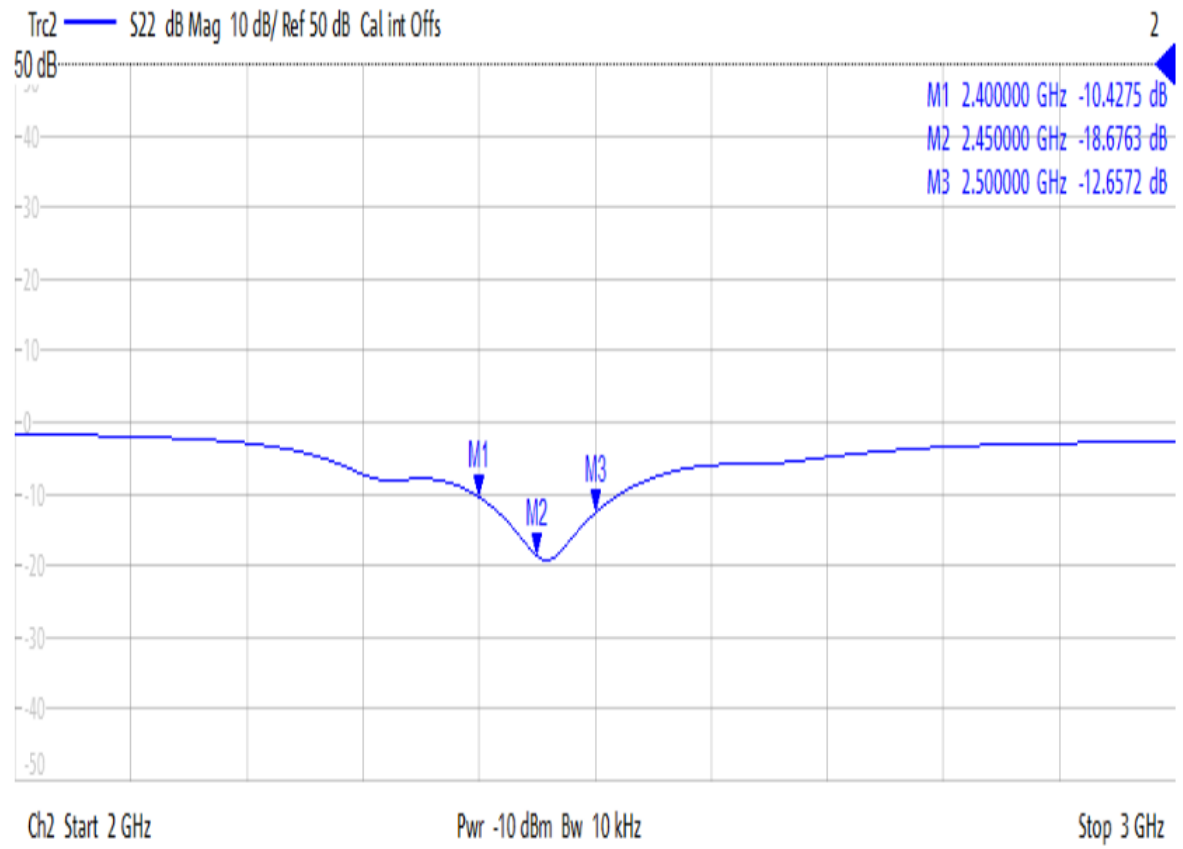
一 RFPCB



COMPANY	Shenzhen STEP Technology Co., Ltd.
DESCRIPTION	PCB Antenna-ONboard
OUR MODEL NO	ST008
Dimension (mm)L*W*T	3.7*1.8*0.8

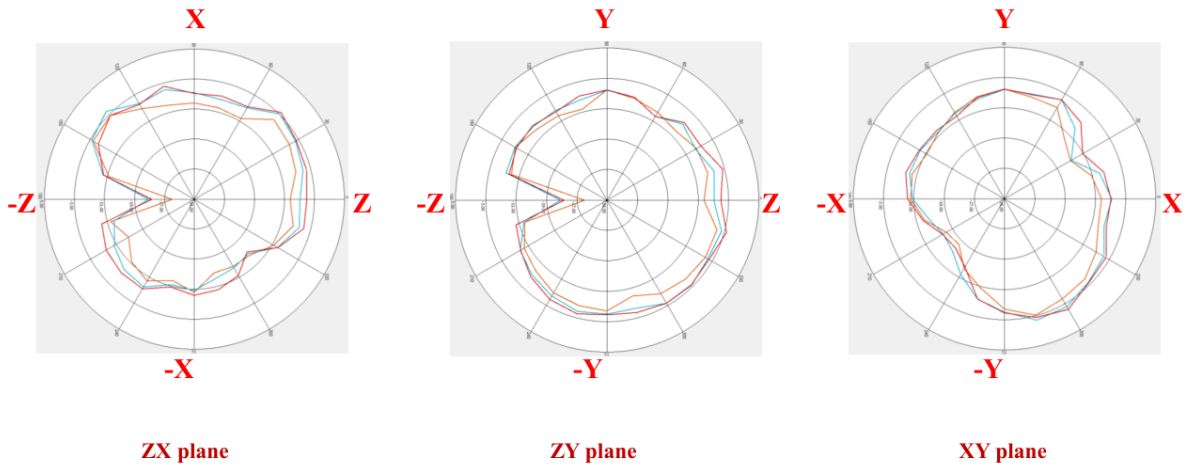
Central Frequency	2450	MHz
Bandwidth	120 (Min.)	MHz
Peak Gain	-1.2	dBi
Impedance	50	Ohm
Operating Temperature	-40~+85	°C

二 .Return Loss



### 三. 2D Radiation Patterns

— 2400MHz  
— 2450MHz  
— 2500MHz



Frequency [MHz]	XZ-Plane		YZ-Plane		XY-Plane	
	Max. Value (dB <sub>i</sub> )	Ave. Value (dB <sub>i</sub> )	Max. Value (dB <sub>i</sub> )	Ave. Value (dB <sub>i</sub> )	Max. Value (dB <sub>i</sub> )	Ave. Value (dB <sub>i</sub> )
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	-1.2	-7.83