
Bluetooth antenna of PCB on-board specification

V1.0

1、 Index

Item	Content	Page	Remark
1	Index	1	
2	Specification	2	
3	VSWR	3	
4	Radiation Pattern	4	

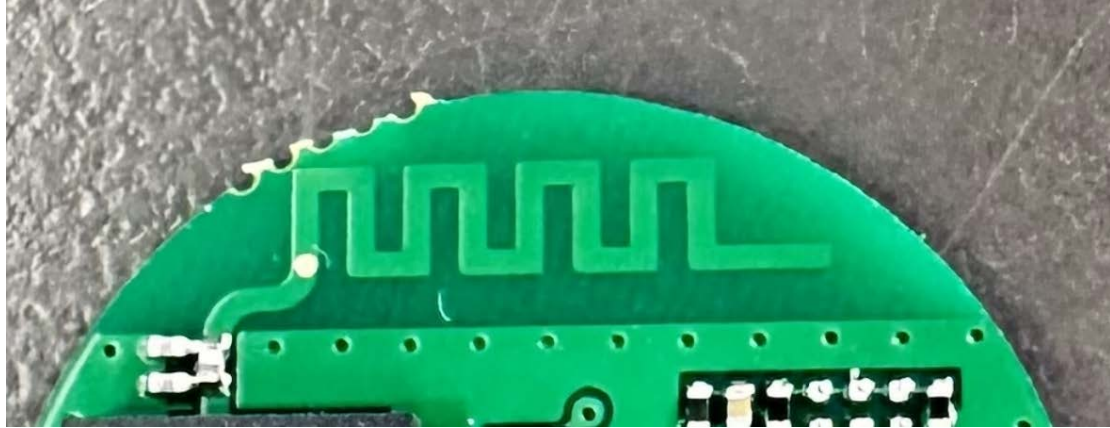
Document Type: PCB Antenna
Document Version: V2.0
Release Date: Jan 25, 2020

Teljane Medical Technology (Suzhou) Co., Ltd.

2、 Specification

Product Number: PCB Antenna

Sample Photo:



A. Electrical Characteristics

Frequency	2400 ~ 2500 MHz
S.W.R.	≤ 1.5
Gain	2.26 dBi
Efficiency	~ 50%
Polarization	Linear
Impedance	50 Ohm

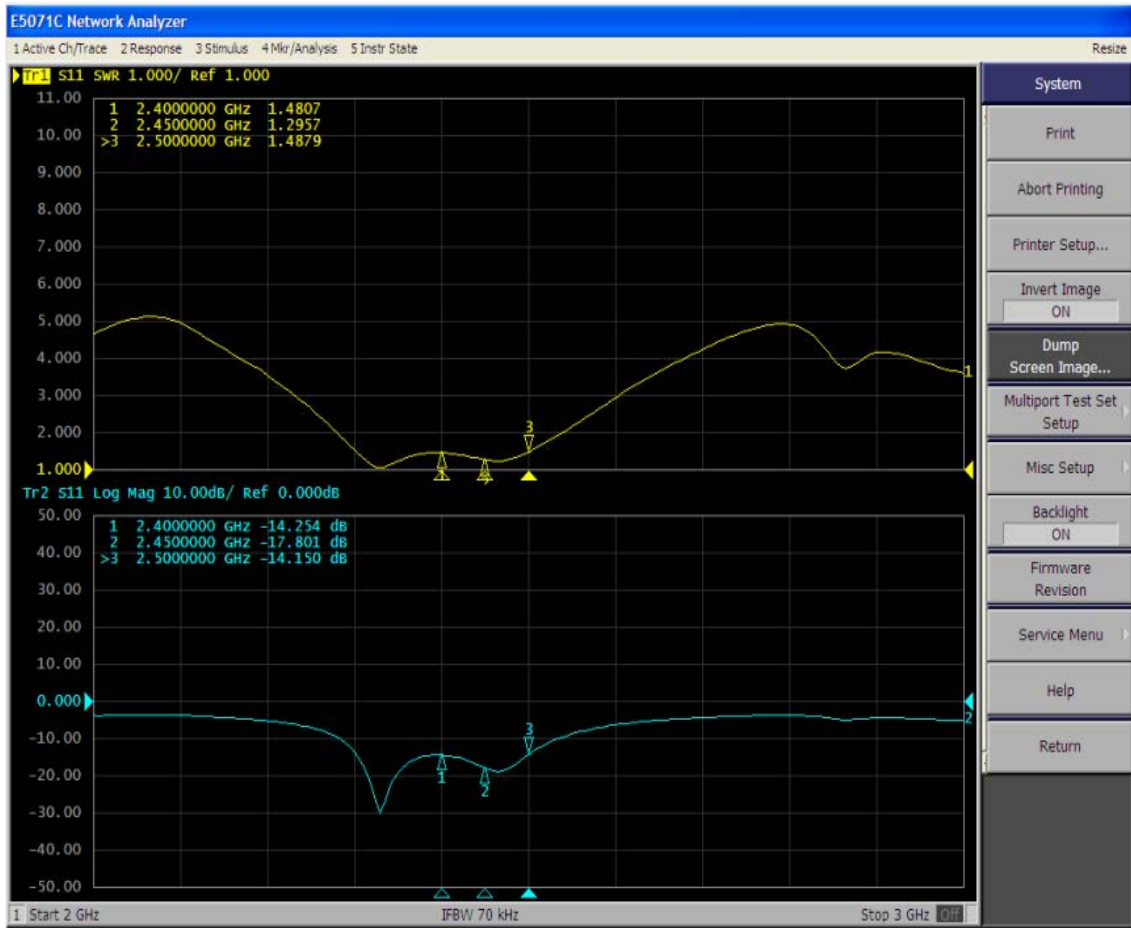
B. Material & Mechanical Characteristics

Material of Radiator	plated copper
----------------------	---------------

C. Environmental

Operation Temperature	- 40°C ~ + 85°C
Storage Temperature	- 40°C ~ + 105°C

3、 VSWR



4、 Radiation Pattern

Radiation Pattern and Gain were dependent on measurement board design. The specification of coil antenna was measured based on the PCB size and installation position as shown in the below figure Test Board.

