

**Product Specification Approval**  
**Deweima Antenna Laboratory**  
**Shenzhen R&D Center**  
**Mobile Communication Terminal**  
**Antenna**

Customer Name: Shenzhen Yimeilai Technology Co., Ltd.

Product Name: T32 / T33

Material Code: \_\_\_\_\_

Supplier			(Date): May 25, 2020
RF	Mechanical	Review	Commercial
Zhong Hongjun	Qing Chuanghui	Yu Qixue	Shan Jiwen

Customer			(Date):
Conclusion	Confirmed By	Reviewed By	

**Shenzhen Deweima Communication Equipment Co., Ltd.**

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## 1.Purpose

To standardize the specifications and testing methods for mobile communication terminal antenna products manufactured by Shenzhen Deweima Communication Equipment Co., Ltd., thereby minimizing deviations caused by varying test conditions and methods.

## 2.Product Category and Model Overview

### 2.1 Category

This mobile communication terminal antenna is a PIFA antenna.

### 2.2 Product Model Overview

This report outlines the electrical performance results of the antenna designed for the T33 project.

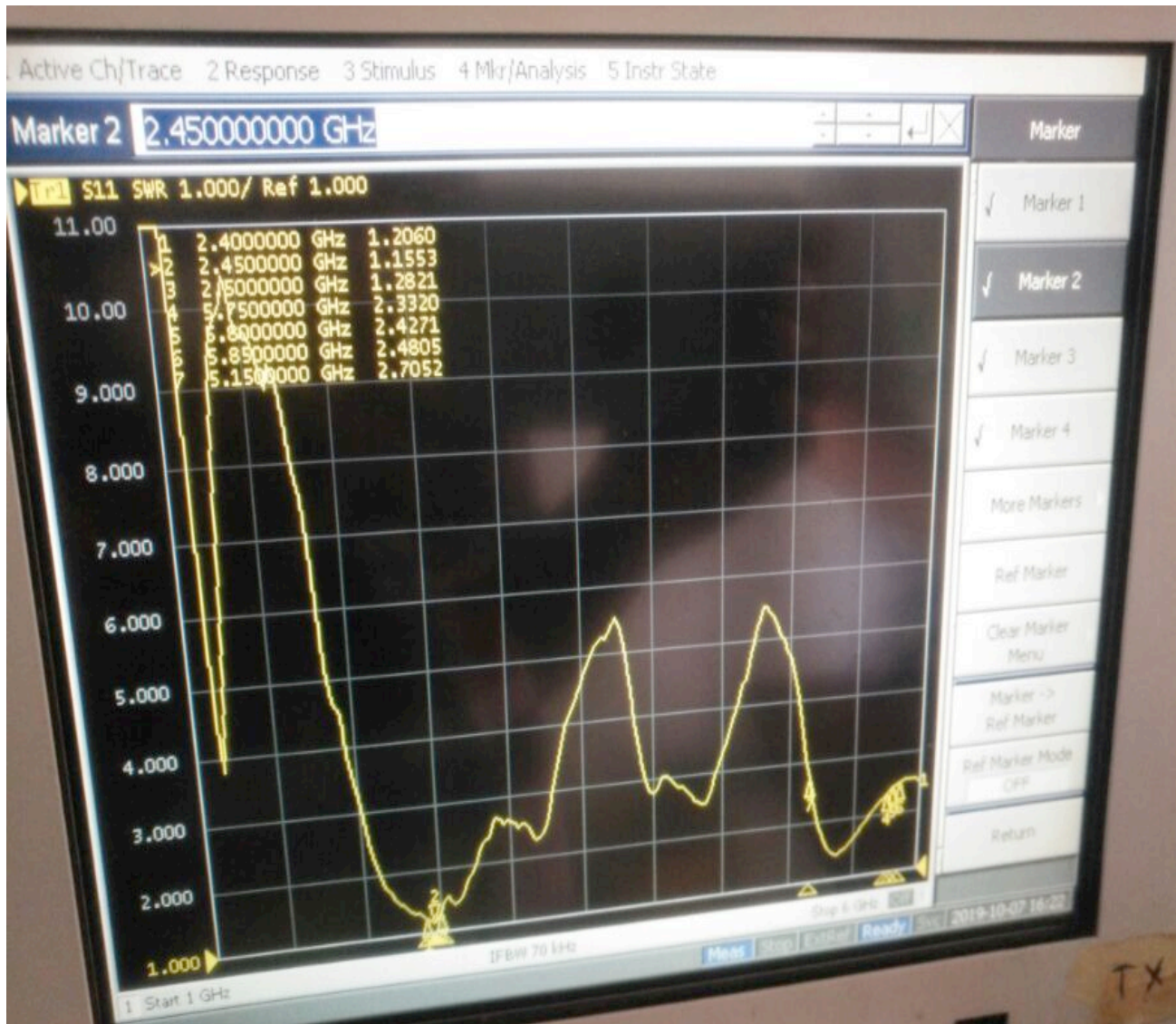
The operating frequency band of this antenna is 2.4 GHz–2.5 GHz.

## 3.Technical Specifications and Test Equipment

### 3.1 Technical Specifications

Electrical Performance	
Operating Frequency Range	2400 ~ 2500 MHz
VSWR	2400~2500: <2.0
Antenna Gain	2400-2500: 1dBi ± 0.5dBi
Radiation Efficiency	2400 ~ 2450 MHz : > 30 %
Impedance	50 ohm
Material Specifications	
<b>PCB</b>	<b>100 mm * 1.13 coaxial cable + PCB board</b>
Environmental Specifications	
Operating Temperature	- 30°C ~ + 85 °C
Storage Temperature	- 30°C ~ + 85 °C

#### 4. 2.4 GHz Passive VSWR Screenshot:



5. A mobile phone connected to a Bluetooth speaker hotspot at 40 meters (no obstacles) played music without stuttering or latency.

6.Key Specifications:

