Acknowledgment

Chang Feng	ME	RF	QC
Signature	Liu Yanqin	Wei Xing	Liu Yanqin
Date	2022/07/21	2022/07/21	2022/07/21
Customer	ME	MD	QC
Signature			
Date			

Manufacturer: Gongyouji Industrial Technology (Shenzhen) Co., Ltd
Manufacturer's address: 3F, Building 1, Guangming Shenlan, 133 Lianteng Road, Loucun Community, Xinhu Street, Guangming District, Shenzhen, Guangdong, China

Date	Version	Status
2022/07/21	A	fpc antenna samples

1. Summary

This Report is mainly used to describe the Acknowledgment of C2500 Antennas.

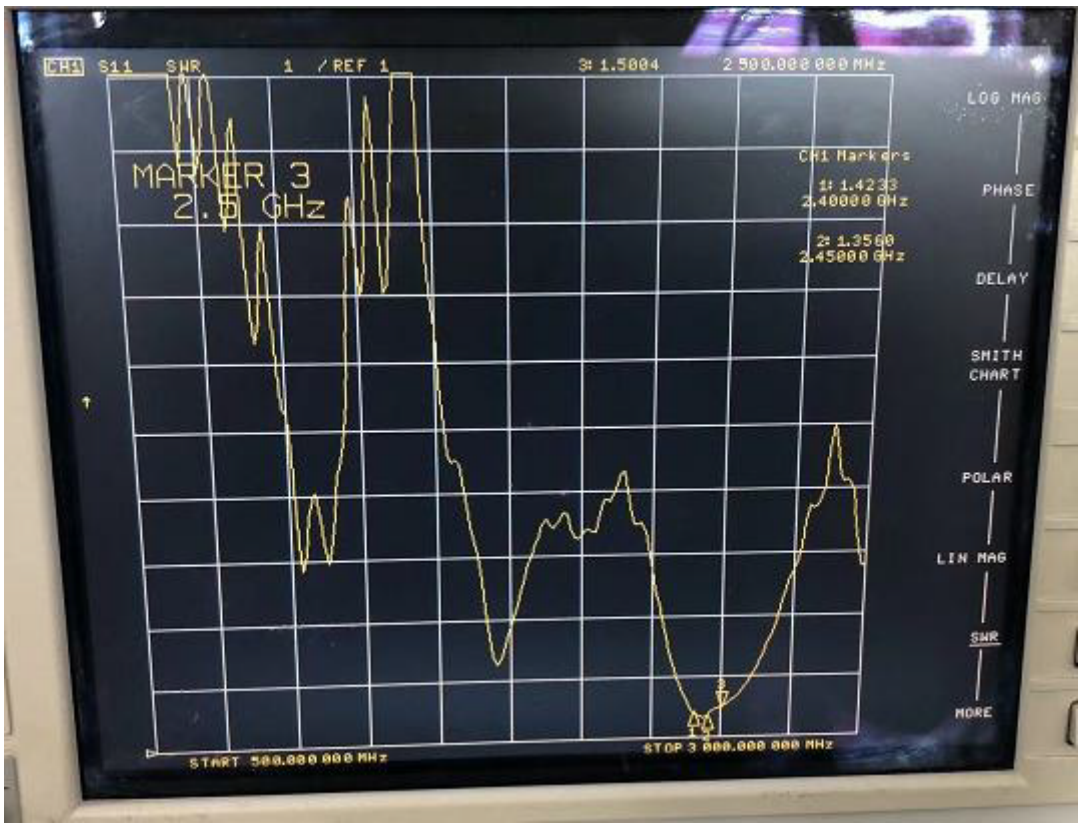
2. Machine Description

The C2500 antenna network mode is 2.4G, with the antenna lying at the bottom of the top side of the device in the form of PIFA. The antenna is fpc + coaxial wire welded.

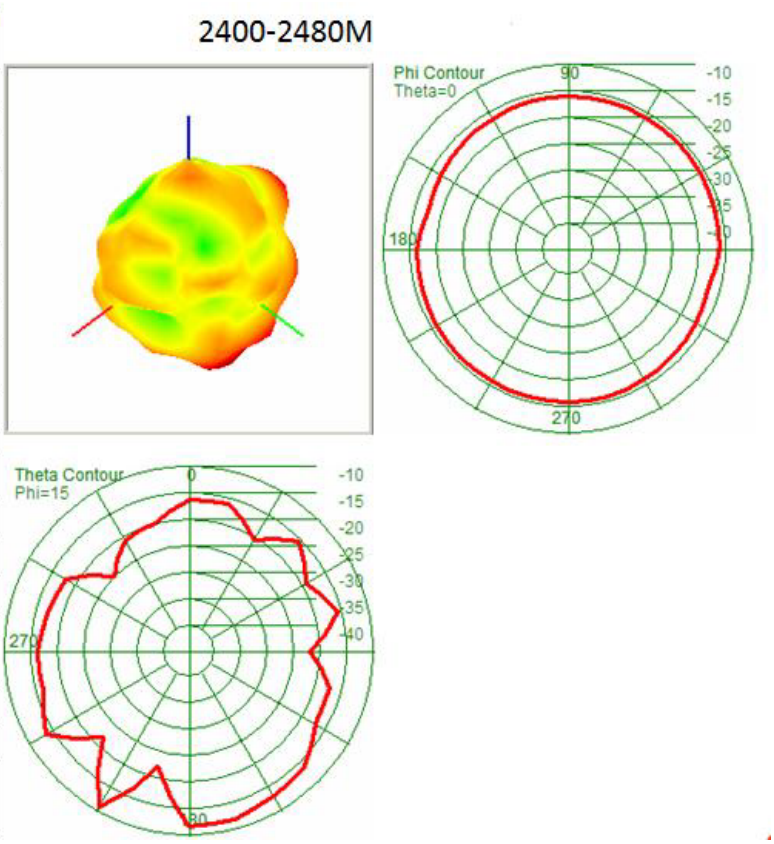
3. Commissioning Test Setting

3.1 Voltage Standing Wave Ratio (VSWR) and Return Loss
VSWR is to test using Agilent E5062B to be connected to mobile phones, with the status as free space.
3.2 TRP/TRS is to test in the ETS 5mx4mx3m 3D darkroom using Agilent8960 (5515C).
3.3 Matching Circuit Description
There is no change in matching.

4 Effective Radiated Power And Isotopic Sensitivity Summation

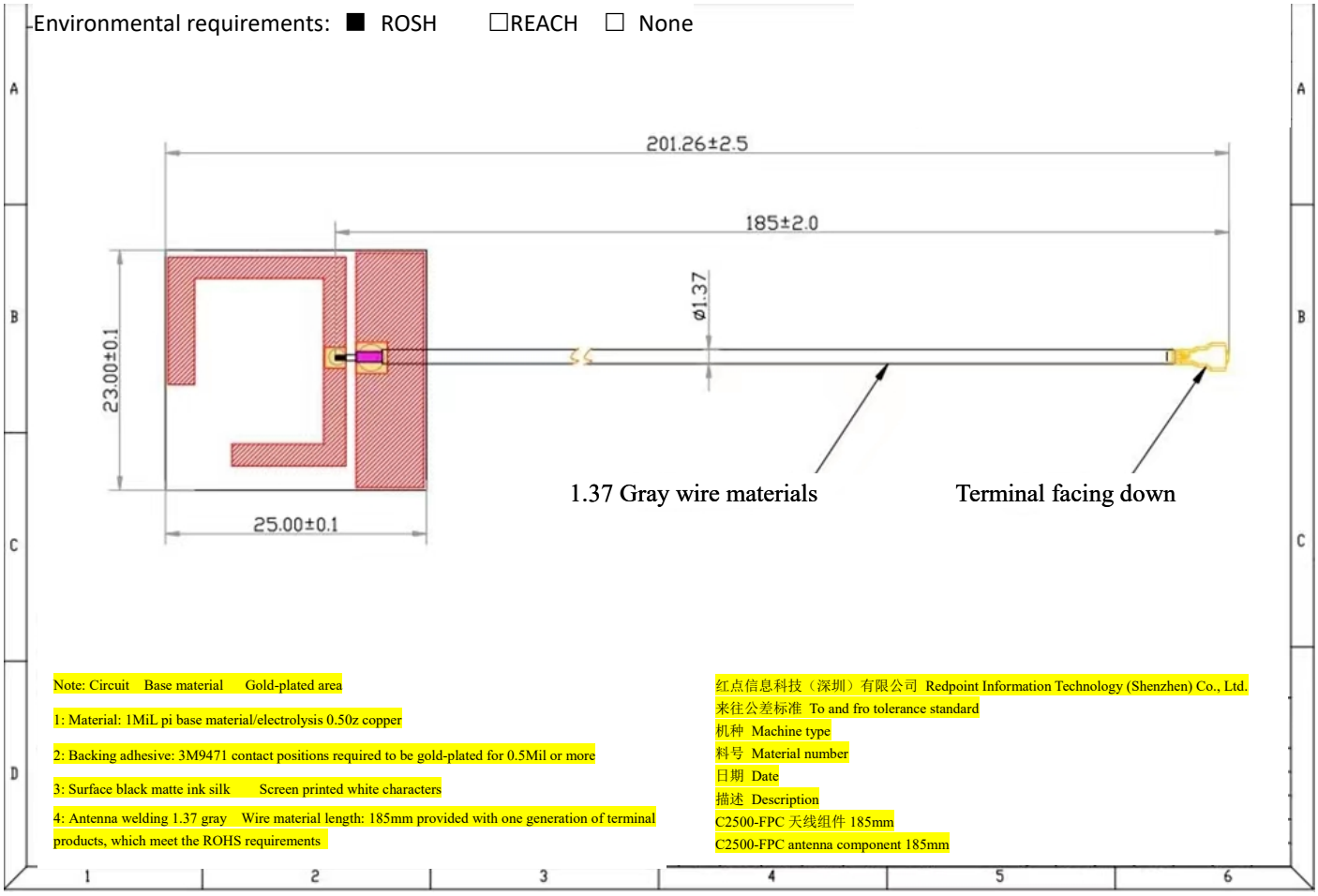


Channel	Gain (dBi)	Efficiency (%)
2400	**2.78**	**52.8**
2450	**3.28**	**58.6**
2480	**3.26**	**63**



5. Structural Assembly Diagram

Environmental requirements: ■ ROSH ☐REACH ☐ None



Note: Circuit Base material Gold-plated area

1: Material: 1MiL pi base material/electrolysis 0.50z copper

2: Backing adhesive: 3M9471 contact positions required to be gold-plated for 0.5Mil or more

3: Surface black matte ink silk Screen printed white characters

4: Antenna welding 1.37 gray Wire material length: 185mm provided with one generation of terminal products, which meet the ROHS requirements

红点信息科技（深圳）有限公司 Redpoint Information Technology (Shenzhen) Co., Ltd.
来往公差标准 To and fro tolerance standard
机种 Machine type
料号 Material number
日期 Date
描述 Description
C2500-FPC 天线组件 185mm
C2500-FPC antenna component 185mm