

Winmate Inc.

AntennaSpecification

Project :S101TG
Version :20230410
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1. RFID Antenna Specification

Winmate Part Number: 90RF0800001U

1.1. Electrical Characteristics

Frequency(MHz): 13.56MHz

Peak Gain: 0.5 dBi

Impedance: 50ohm

Polarization: Linear

2.2. Mechanical Characteristics

Cable: UL1061#28AWG

Connector: A1002H00-6P

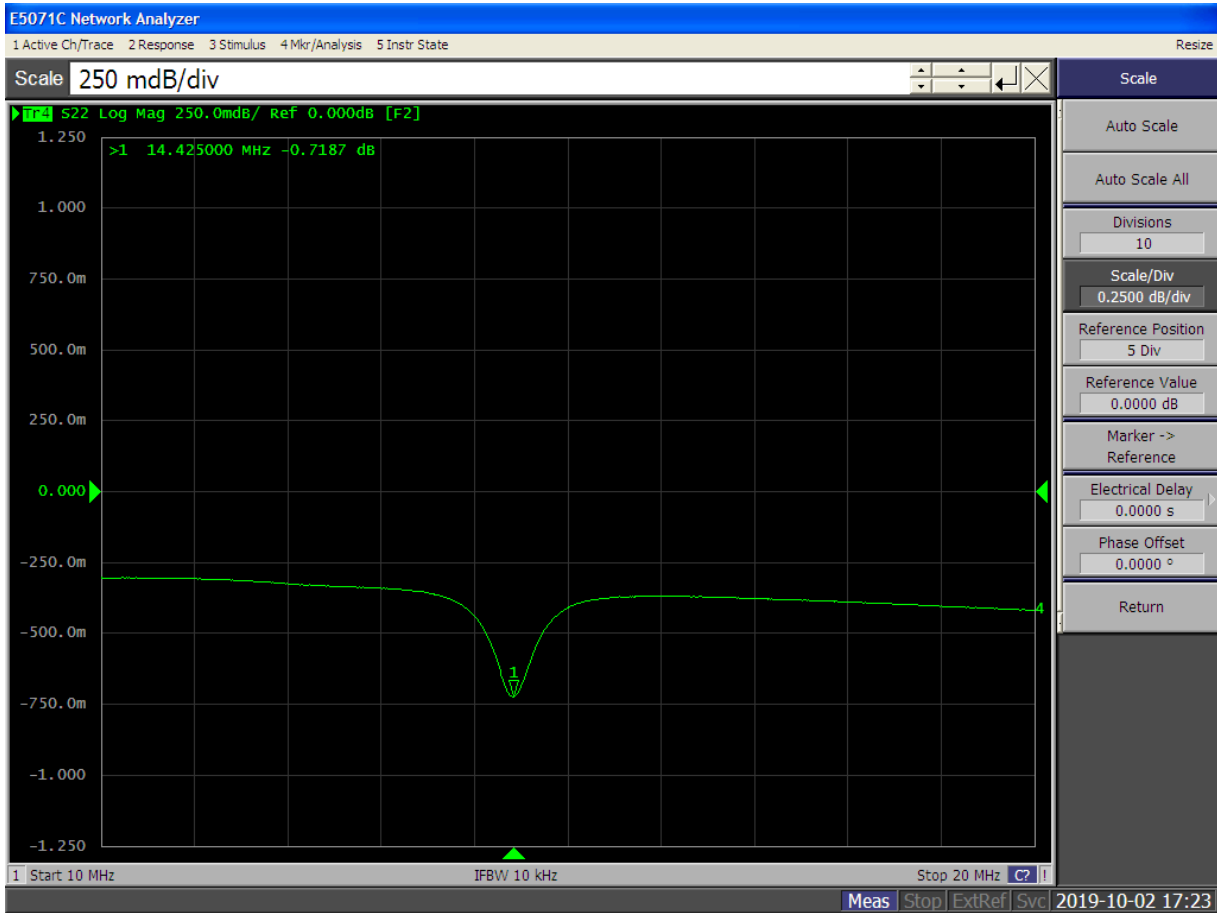
PCB: FR4 /Thickness 1.0mm

2.3. Environmental Characteristics

Operating Temperature: -30°C to 80°C

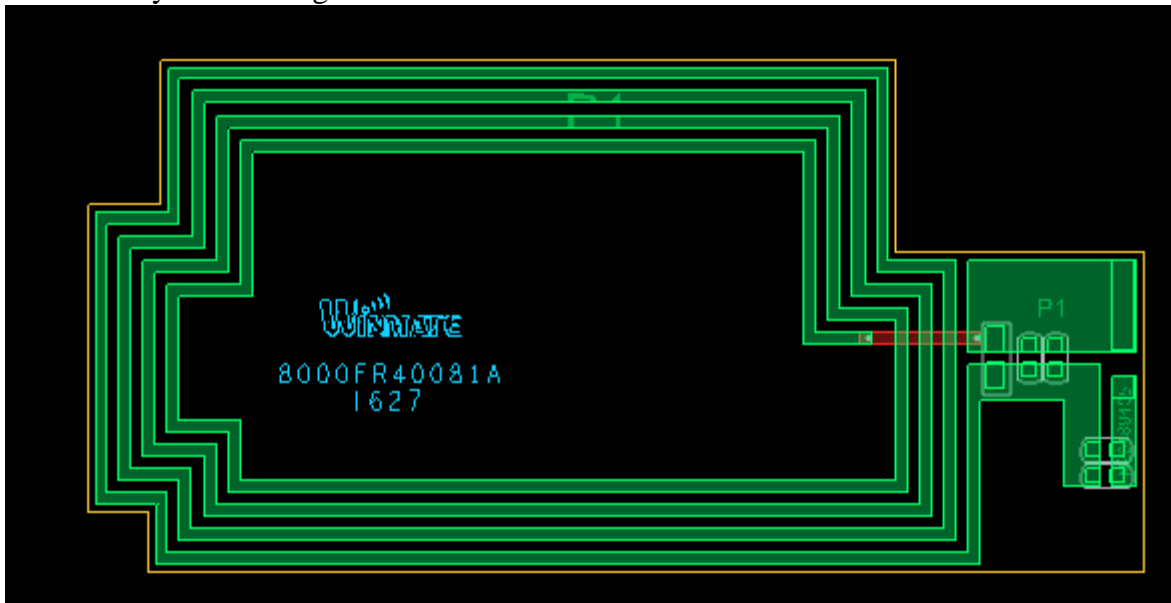
2.4. RF Performance Characteristics

2.4.1. Return Loss



2.5. Drawing

Antenna Layout Drawing



RF cable Drawing



Antenna Assembly

