

Antenna Test Report

Test Standard: IEEE 149-1979

Manufacturer: Guangzhou iTech Electronic Technology Co.Ltd

Product Name: Coil Antenna

Model: CD-08

Report No.: SSP22110098A

Tested Date: 2022-11-05

Issued Date: 2022-11-08

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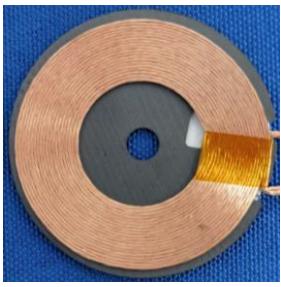
1. General Information

1.1 Product Information

Manufacturer	
Manufacturer:	Guangzhou iTech Electronic Technology Co.Ltd
Address of Manufacturer:	IFE CENTER, Building B, Room 1113, No. 660 Huangpu Avenue
	Central, Tianhe District, Guangzhou, China

General Description of Antenna	
Product Name:	Coil Antenna
Model No.:	CD-08
Frequency Range:	110KHz-205KHz
Type of Antenna:	Coil Antenna
Antenna Gain:	0dBi (Max.)
Impedance:	50 ohm

Antenna View (40mm*40mm)

A photograph of a circular coil antenna. The coil is made of a copper-like wire wound in a single layer around a central black ferrite core. The entire assembly is mounted on a blue textured surface, likely a foam or fabric base. The text "Antenna View (40mm*40mm)" is centered above the image.

1.2 Test Methodology

All measurements contained in this report were conducted with standards IEEE 149-1979 for IEEE Standard Test Procedures for Antennas.

1.3 Test Facilities

Testing Lab: Shenzhen ZRLK Testing Technology Co., Ltd.
All measurement facilities used to collect the measurement data are located at 1F, No. 35 Building, Changxing Technology Industrial Park, Yutang Street, Guangming New District, Shenzhen City, Guangdong Province, China

2. OTA Test

2.1 Gain

Frequency	Peak Gain (dBi)	Polarity
110KHz	0	Horizontal
110KHz	-1.26	Vertical
205KHz	-1.98	Horizontal
205KHz	-2.52	Vertical

2.2 Radiation Pattern View

