

Antenna Test Report

Test Standard: IEEE 149-1979

Manufacturer: ALOGIC Corporation Pty Ltd.

Product Name: Coil Antenna

Model: JWCP31WH-E

Report No.: SSP23080058A-2

Tested Date: 2023-08-07

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Tested By: William Liu (Engineer)

Approved By: Lahm Peng (Manager)

William Liu
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Prepared By:

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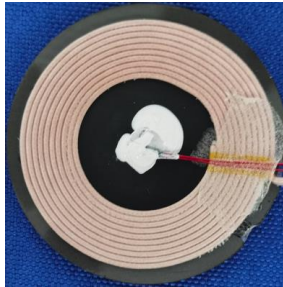
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Note: This test report is limited to the above client company and the product model only. It may not be duplicated without prior permitted by Shenzhen ZRLK Testing Technology Co., Ltd.

1. General Information

1.1 Product Information

Manufacturer	
Manufacturer:	ALOGIC Corporation Pty Ltd.
Address of Manufacturer:	Level 40, 140 Williams Street, Melbourne, VIC 3000, Australia

General Description of Antenna	
Product Name:	Coil Antenna
Model No.:	JWCP31WH-E
Frequency Range:	110.5kHz-205kHz
Type of Antenna:	Coil Antenna
Antenna Gain:	0dBi (Max.)
Impedance:	50 ohm
Antenna View (43.5mm*43.5mm)	
	

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
110.5kHz	0	Horizontal
110.5kHz	-0.87	Vertical
205kHz	-1.76	Horizontal
205kHz	-2.42	Vertical

2.2 Radiation Pattern View

