

Antenna Test Report

Test Standard: <u>IEEE 149-1979</u>

Manufacturer: ALOGIC Corporation Pty Ltd.

Product Name: Coil Antenna

Model: <u>JWCP31WH-P</u>

Report No.: <u>SSP23080058A-1</u>

Tested Date: <u>2023-08-07</u>

Issued Date: <u>2023-08-08</u>

Tested By: William Liu (Engineer)

Approved By: Lahm Peng (Manager)

Prepared By:

Shenzhen ZRLK Testing Technology Co., Ltd.

1F, No. 35 Building, Changxing Technology Industrial Park, Yutang Street, Guangming New District, Shenzhen City, Guangdong Province, China

Tel.: +86-755-33019599 Fax.: +86-755-33019599 Website: www.zrlklab.com

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.

Antenna Test Report Page 1 of 3



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-P	
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

Antenna Test Report Page 2 of 3

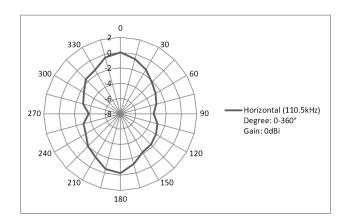


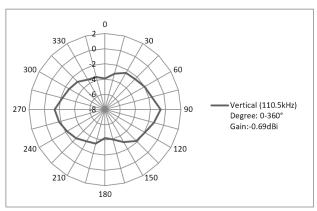
2. OTA Test

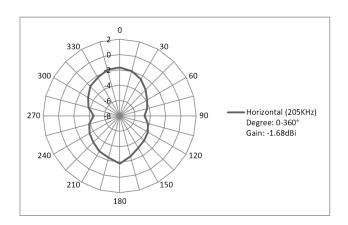
2.1 Gain

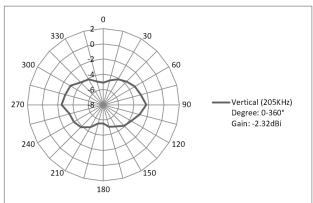
Frequency	Peak Gain (dBi)	Polarity
110.5kHz	0	Horizontal
110.5kHz	-0.69	Vertical
205kHz	-1.68	Horizontal
205kHz	-2.32	Vertical

2.2 Radiation Pattern View









Antenna Test Report Page 3 of 3