

Pattern Antenna PC8099 Datasheet

1. Description

This antenna is a pattern antenna designed for Bluetooth communication of A&D blood pressure monitor “UA-662BLE”.

2. Specification

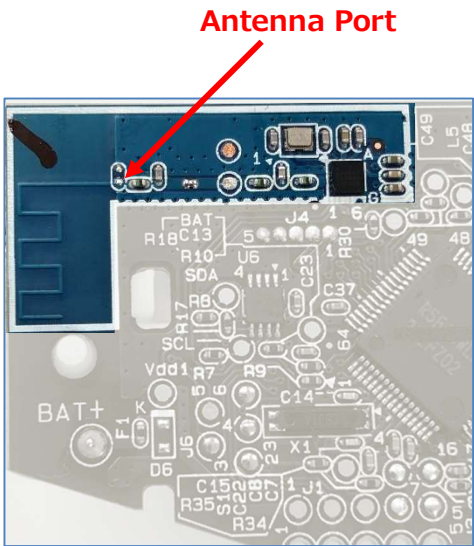
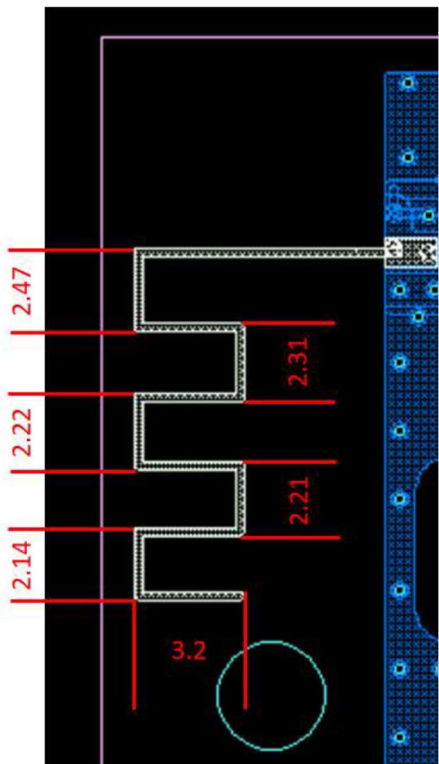
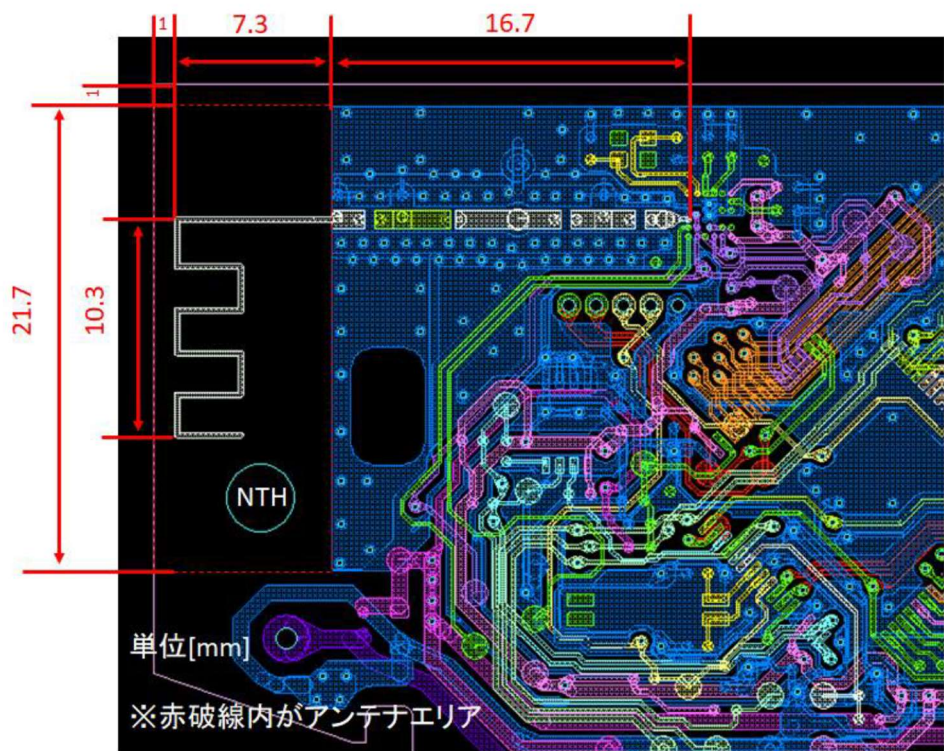
Model: PC8099(Pattern Antenna)

Vender: A&D Company, Limited

Operating frequency range : 2402-2480MHz

Antenna gain (Design Value) : -2.2dBi

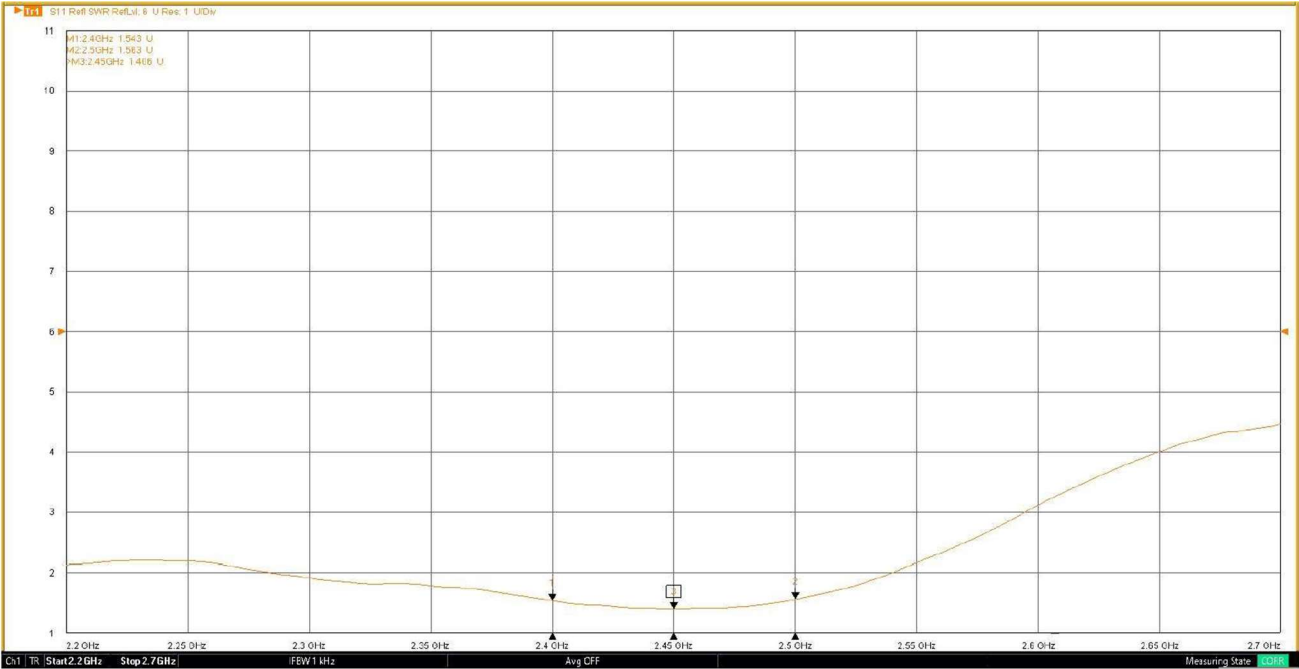
3.Dimension



actual board antenna

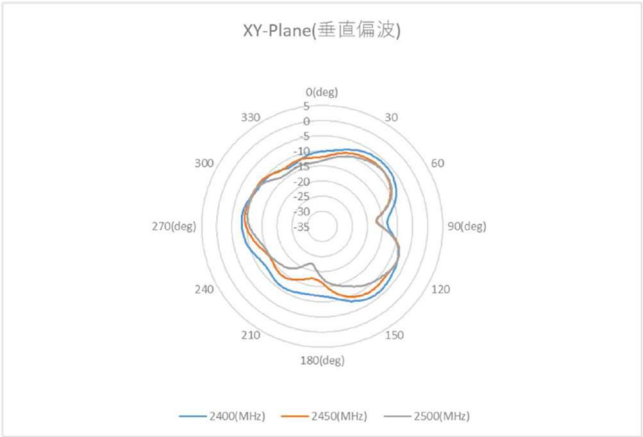
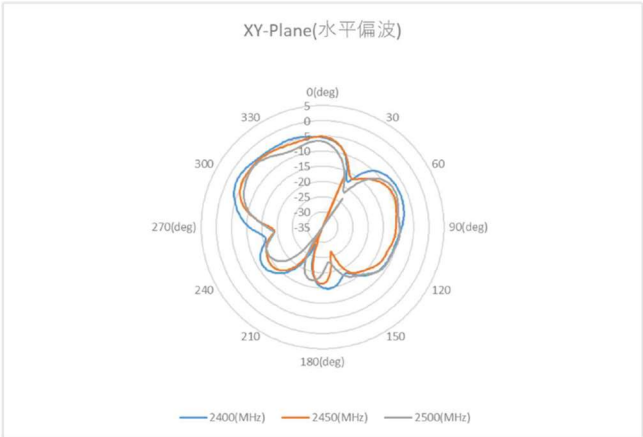
4. Characteristic

(1) VSWR

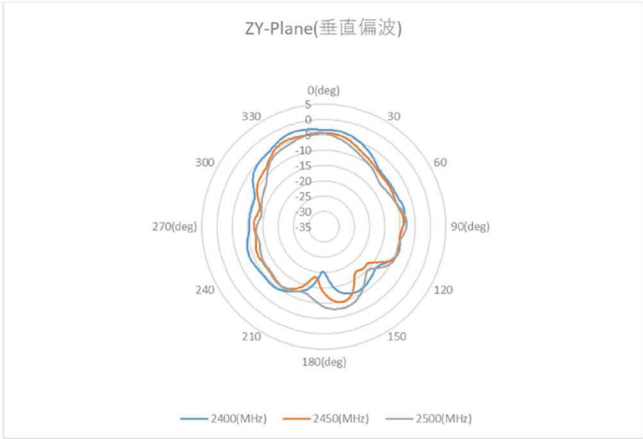
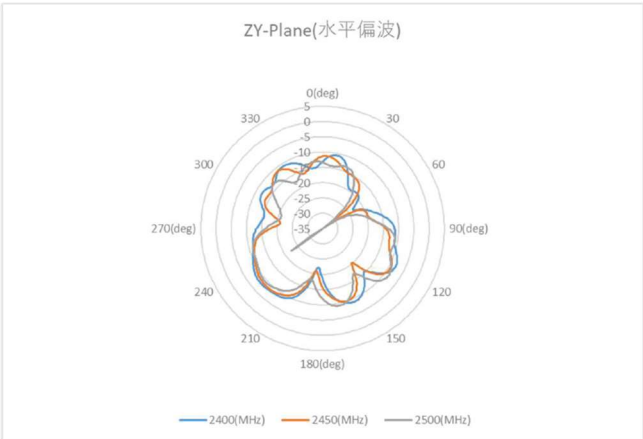


(2) Directivity

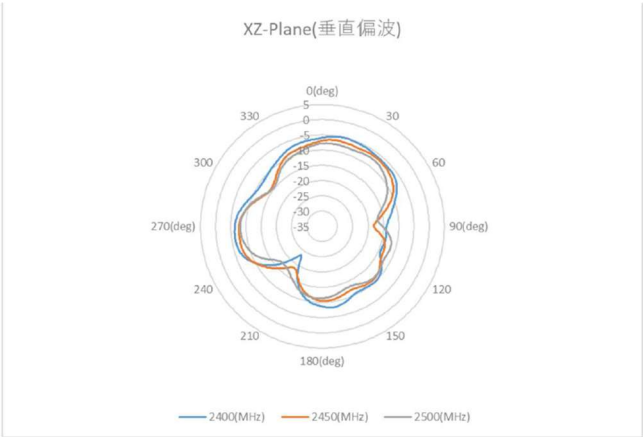
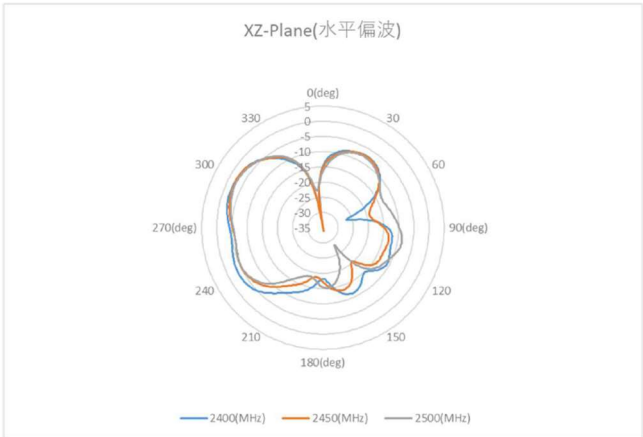
Antenna axis definition _see setup photos



XY-Plane



ZY-Plane



XZ-Plane

(3) Antenna Efficiency & Maximum Gain

	2400MHz	2450MHz	2500MHz
Antenna Efficiency	-5.6dB	-6.9dB	-7.3dB

	XY-Plane	ZY-Plane	XZ-Plane
Maximum Gain	-2.2dBi	-2.8dBi	-2.5dBi

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