



Antenna SPEC

Revision History

Rev	Issue Date	Revisions	Revised By

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## 1 Introduction

This document describes the Antenna.

Model: S905X.

Working frequency range: 2400-2483.5MHz.

During the verification tests, the revision of deviations applied to and the serial number of the boards to be tested, and the diagnostic/SW version to be run on the boards will be logged.

It describes the hardware RF design test data for RF Module used in Dark Chocolate. Included are statements of test purpose, test methodologies, test modes and parameters, environmental conditions, applicable specifications, and typical reference design performance. The test samples were placed in the enclosure during the test.

### 1.1 Test samples information

- Samples: 1pcs [PCB board](#)



### 1.2 Test equipment information

- Satimo chamber
- Network analyzer

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### 2 Test & Result

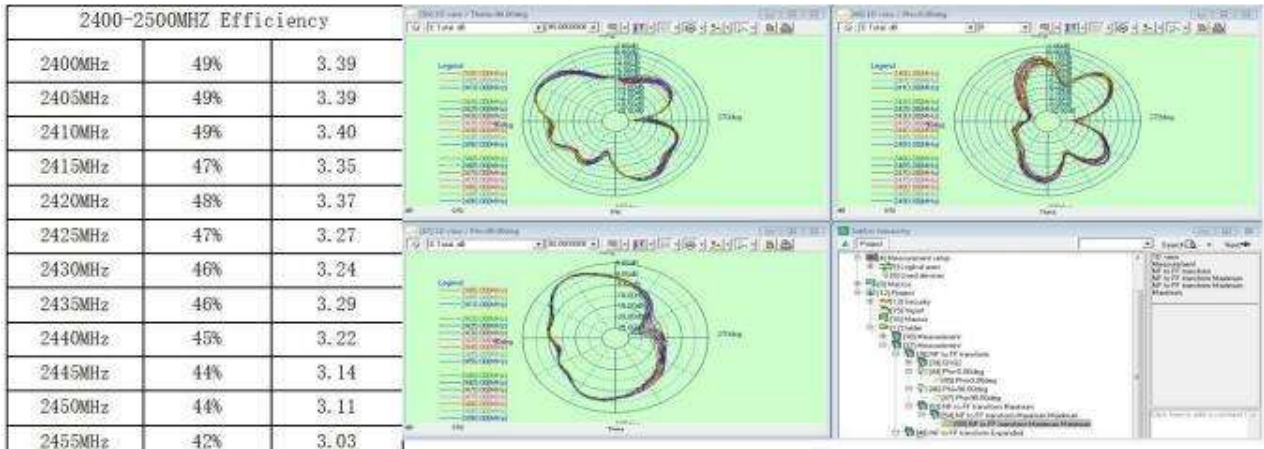
#### 2.1 VSWR



Efficiency and Gain			
Antenna	frequency	minimum gain	maxgain
WiFi	2.4g	1.5db	2.24db

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2460MHz	43%	3.02
2465MHz	42%	3.01
2470MHz	42%	2.96
2475MHz	41%	2.87
2480MHz	40%	2.75
2485MHz	41%	2.72
2490MHz	41%	2.82
2495MHz	40%	2.81
2500MHz	40%	2.66

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