

**Series: Internal PCB**

## TECHNICAL DATA SHEET

**Description:** 2.4-2.5GHz PCB Antenna with coax feed

**PART NUMBER:** W3525BXXX

**This document covers all product variants of the following product family**

Part Number	Cable Length	Adhesive Tape	Cable type	Connector type	Frequency	Max Gain
W3525B039	3.9" / 100 mm	N.A.	Ø1.13mm Coax Cable, Gray color	I-PEX MHF or euivalent, Compatible with U.FL	2.4 GHz	2 dBi
W3525B052	5.2" / 132.1 mm	N.A.				
W3525B100	10" / 254 mm	N.A.				
W3525B039T	3.9" / 100 mm	3M 467 (T=0.05mm)				
W3525B0150T	150 mm	3M 467 (T=0.05mm)				
W3525B0250	250 mm	N.A.				
W3525B0250T	250 mm	3M 467 (T=0.05mm)				
W3525B254T	254 mm	3M 467 (T=0.05mm)				

Issue: 2105

In the effort to improve our products, we reserve the right to make changes judged to be necessary.

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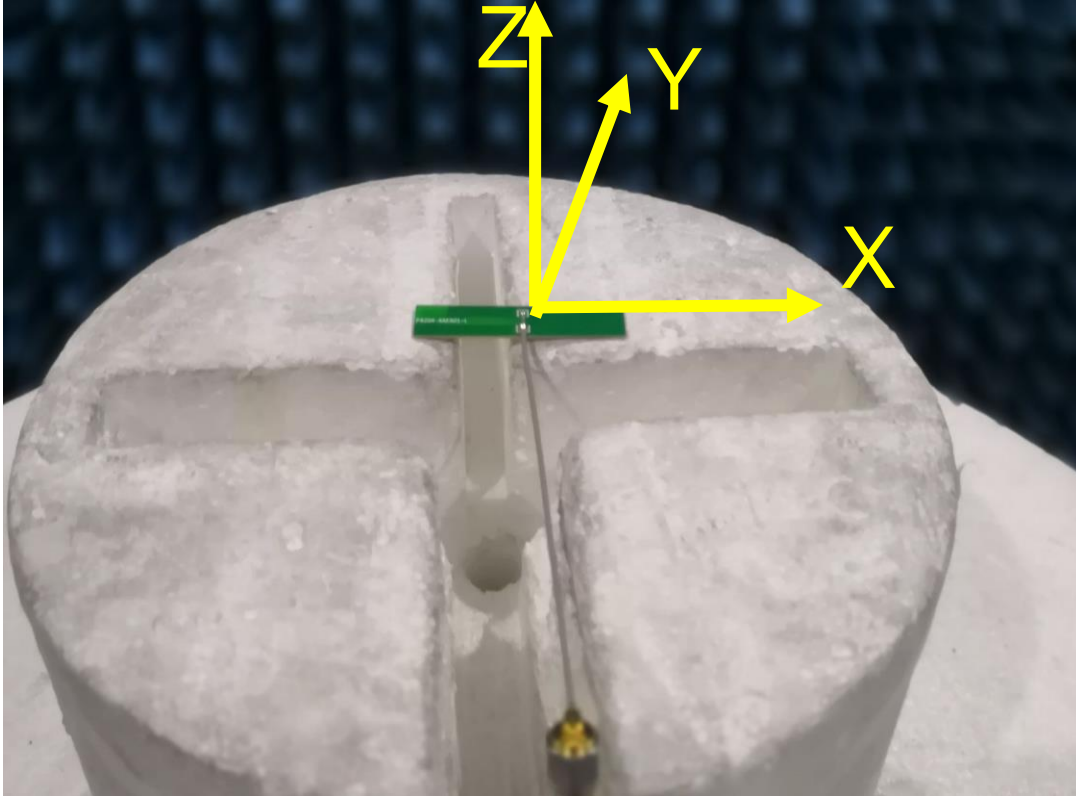


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## TEST SETUP



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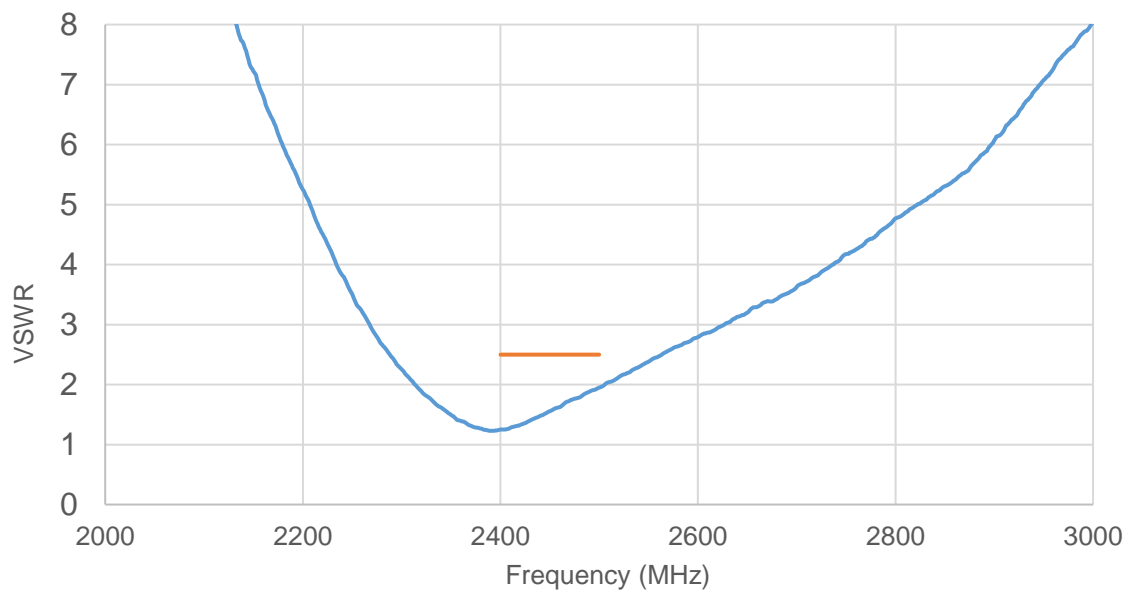
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## CHARTS

### VSWR

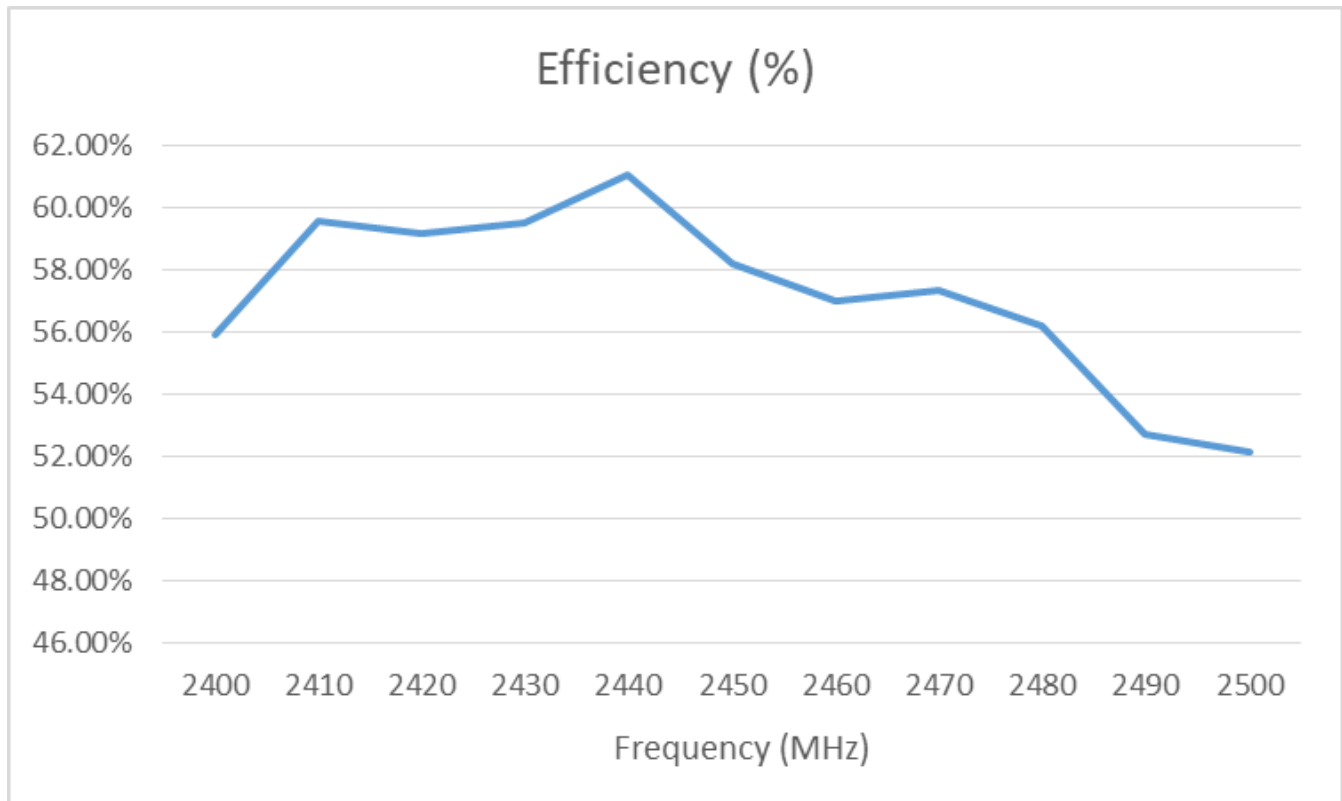


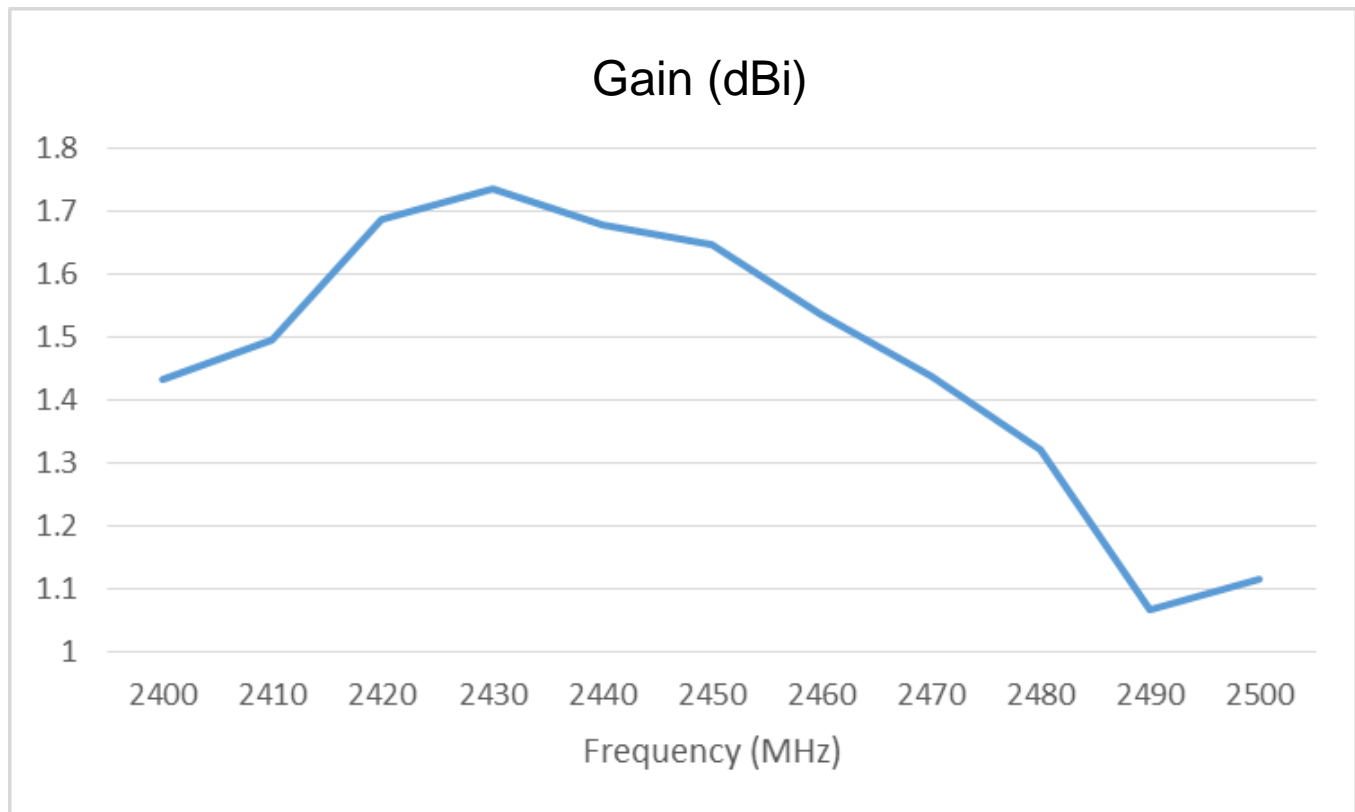
Issue: 2105

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**Description:** 2.4-2.5GHz PCB Antenna with coax feed**PART NUMBER:** W3525BXXX**Series:** Internal PCB**CHARTS****Efficiency**

**Description:** 2.4-2.5GHz PCB Antenna with coax feed**PART NUMBER:** W3525BXXX**Series:** Internal PCB**CHARTS****Gain**

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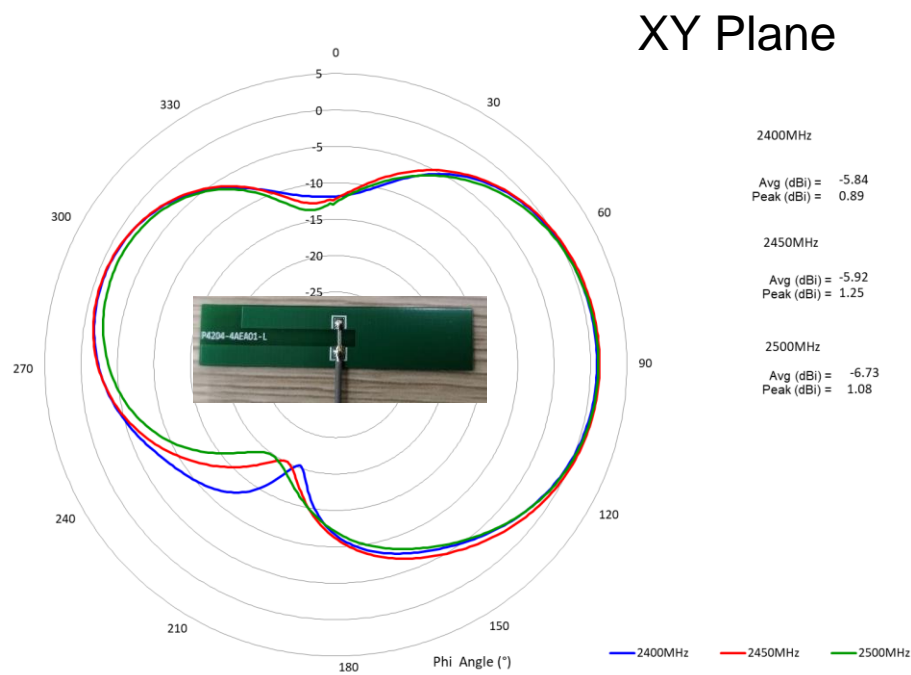
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### CHARTS

#### Free Space Radiation Pattern



Issue: 2105

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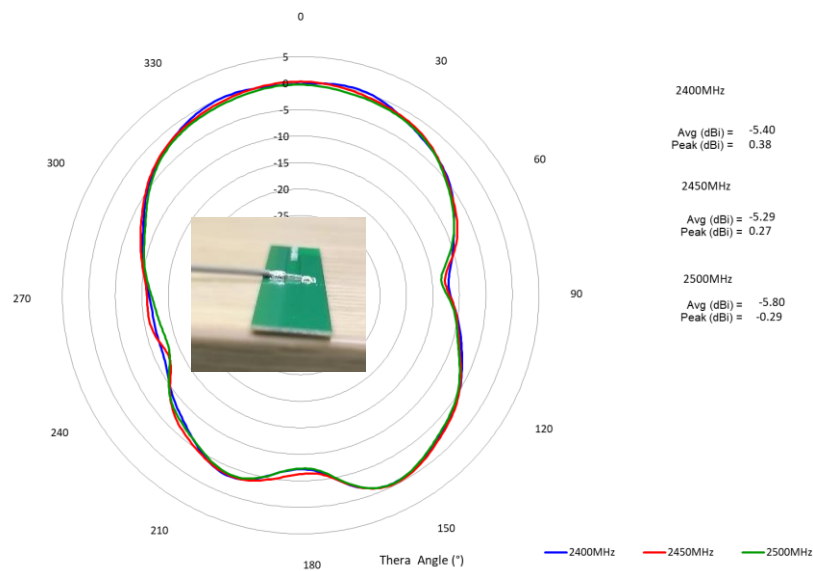
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### CHARTS

## Free Space Radiation Pattern

### XZ Plane



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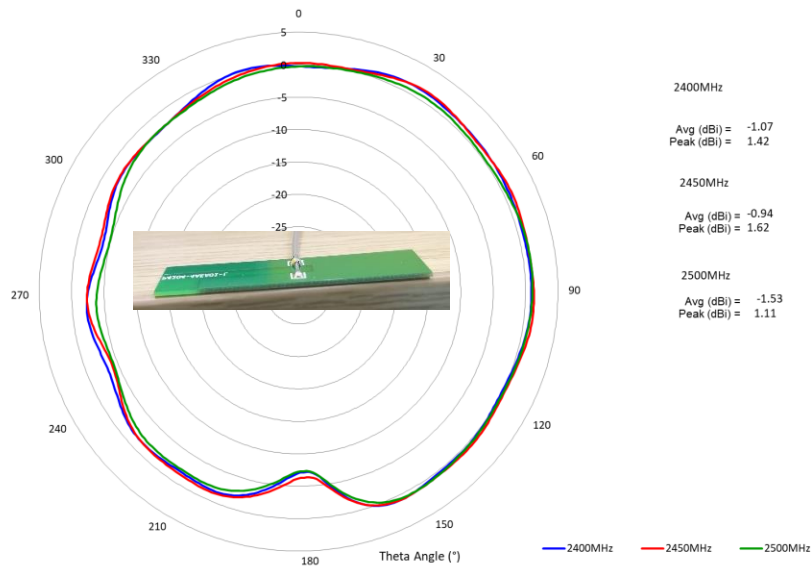
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### CHARTS

#### Free Space Radiation Pattern

#### YZ Plane



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