

Specification

MonoPole ANT

Sotron Co., Ltd.

Document Name	ANT Specification		
Version	1.0	Document No.	M09-10
Main Author	S.H JEON		
First Release	N/A	Last Release	N/A

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1. Overview

1.1 Feature

- Using frequency: 2.4GHz ISM Band
- Total Avg. Gain: -0.68dBi Typ.
- Total Peak. Gain: +2.92dBi Typ.

1.2 Measurement

The antenna was inserted into the device, the X, Y, and Z axes were determined, the TOP device was closed, and the SMA connector was connected to the measurement equipment to measure the ANT performance.

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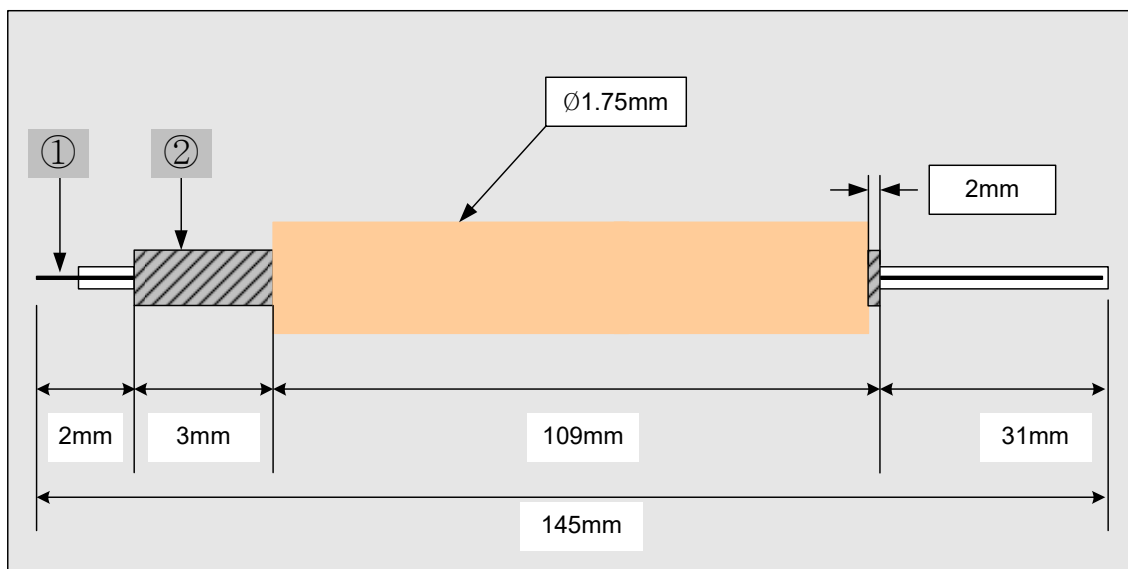
2. Specifications

2.1 Specifications

No	Item	Spec.	Remark
1	Frequency Range[GHz]	2.402~2.480MHz	
2	Total Avg Gain[dBi]	-0.68dBi	
	Total Avg Peak[dBi]	+2.92dBi	
3	Inpedance[Ω]	50	
4	Dimensions	145mm	

2.2 Appearance

No	Description	Remark
①	Input Port	
②	Soldering	



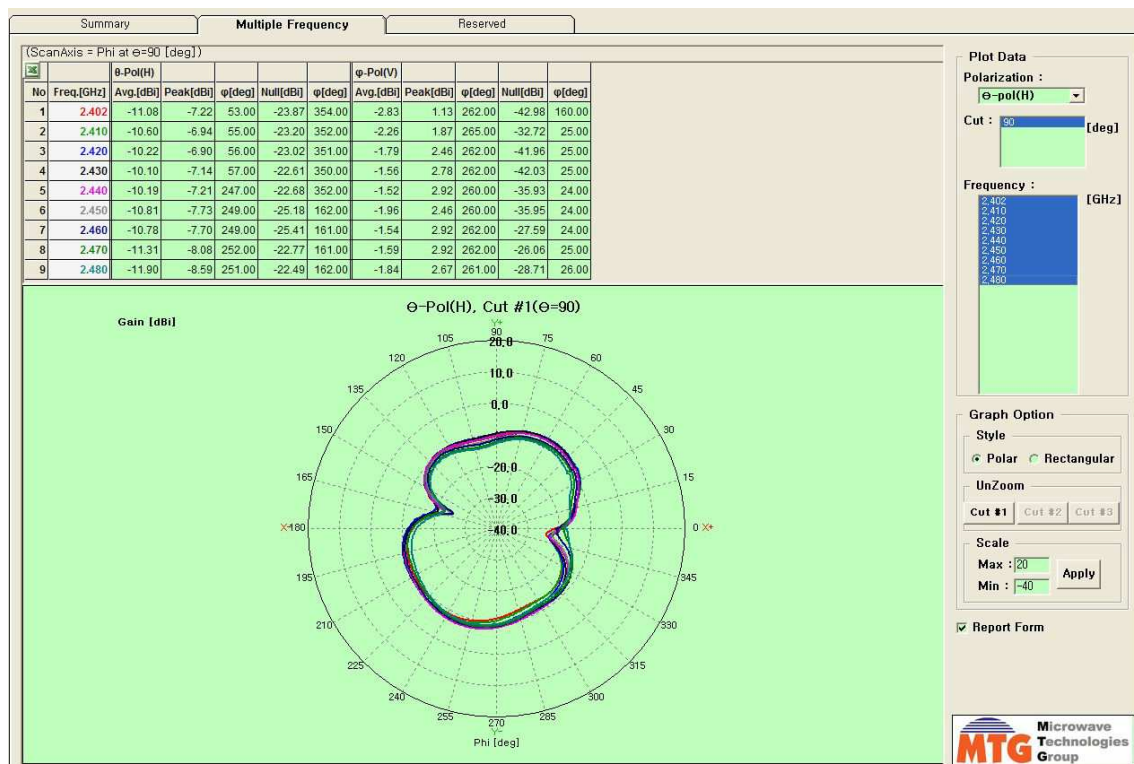
picture 1 ANT Dimension

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3. Measurement Result

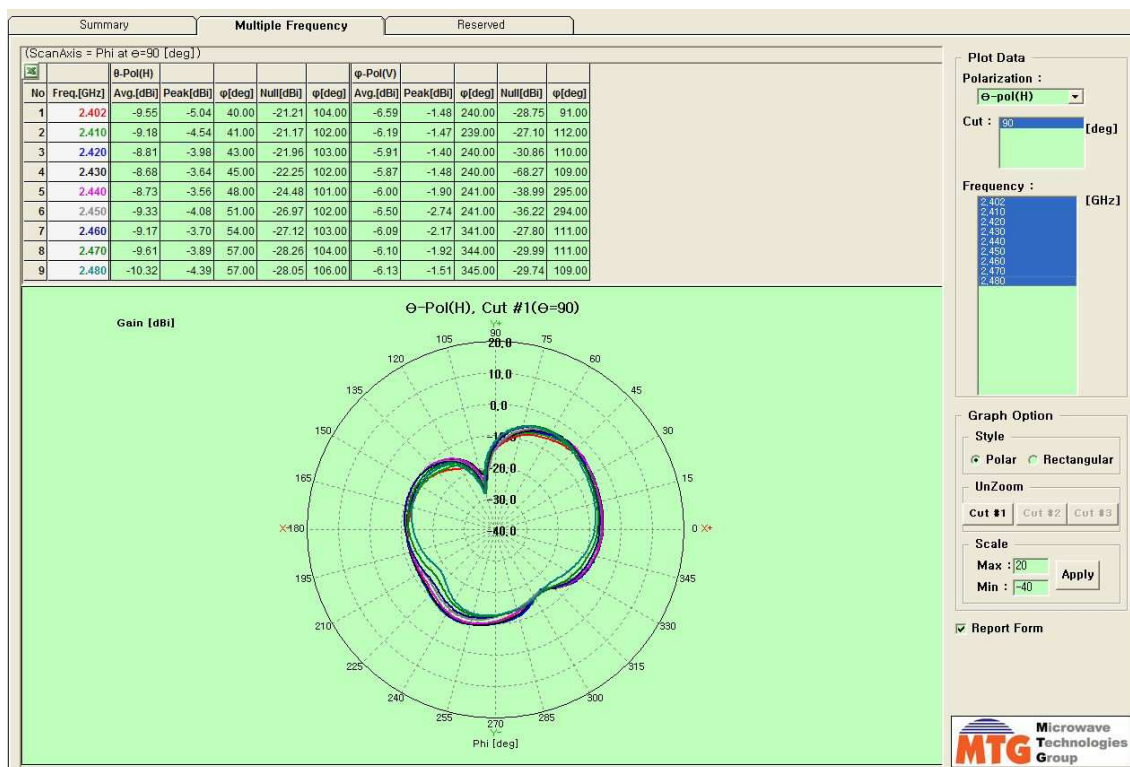
3.1 Typical Measurement Result (Gain, Radiation Pattern)

Total Avg. Gain	Total Peak. Gain
-0.68dBi	+2.92dBi

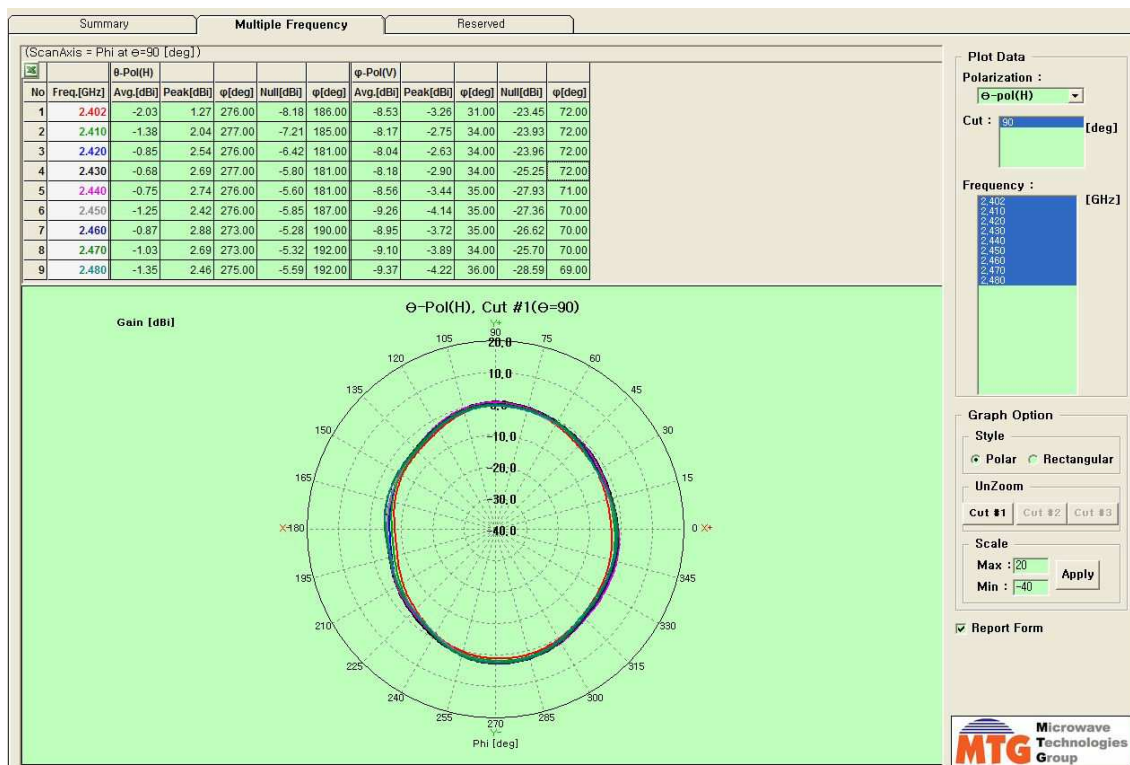


picture 2 XY

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picture 3 XZ



picture 4 YZ