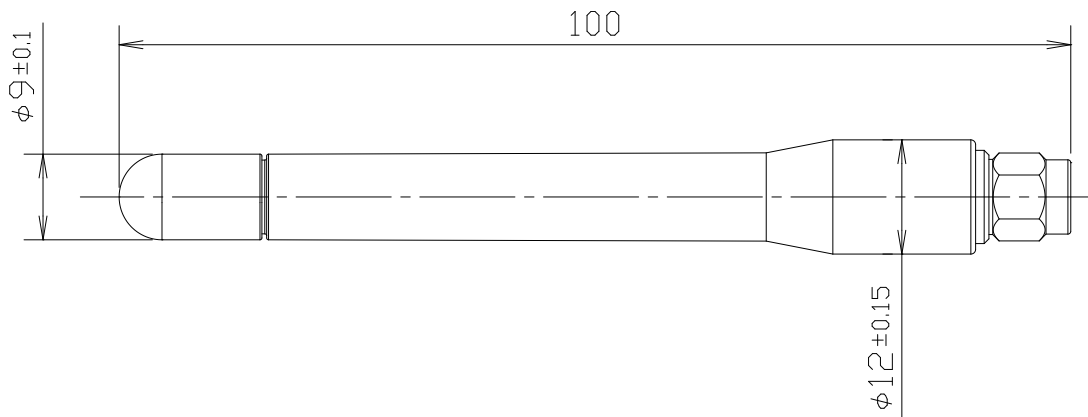


Specifications of 2.4GHz external antenna with SMA connector.

# Specifications

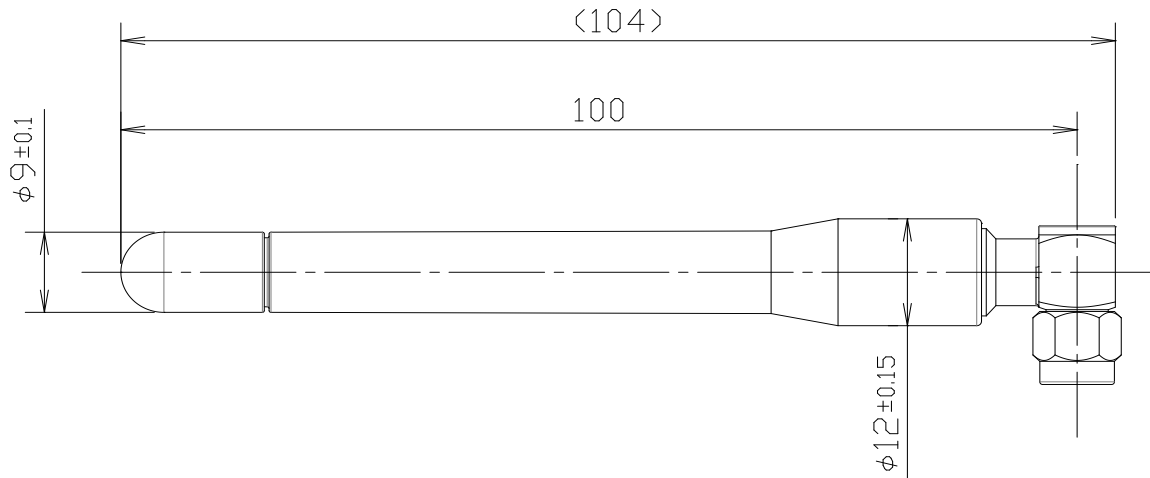
No.	Item	Items mentioned			
1	Model number	1019-016A	1019-017A	1019-018A	1019-019A
2	Connector type	SMA-plug (Straight)	Reverse-SMA-plug (Straight)	SMA-plug (Right angle)	Reverse-SMA-plug (Right angle)
3	Frequency	2400~2483.5MHz			
4	Antenna type	$\lambda / 2$ monopole			
5	Maximum gain	2.14dBi or less			
6	VSWR	2.5 or less			
7	Impedance	50 $\Omega$			
8	Manufacturer	STAF corporation			
9	Remarks:	RoHS compatible, Protection : IP67, Materials of the antenna cover : ASA			

## Outside dimensions of 1019-016A and 1019-017A



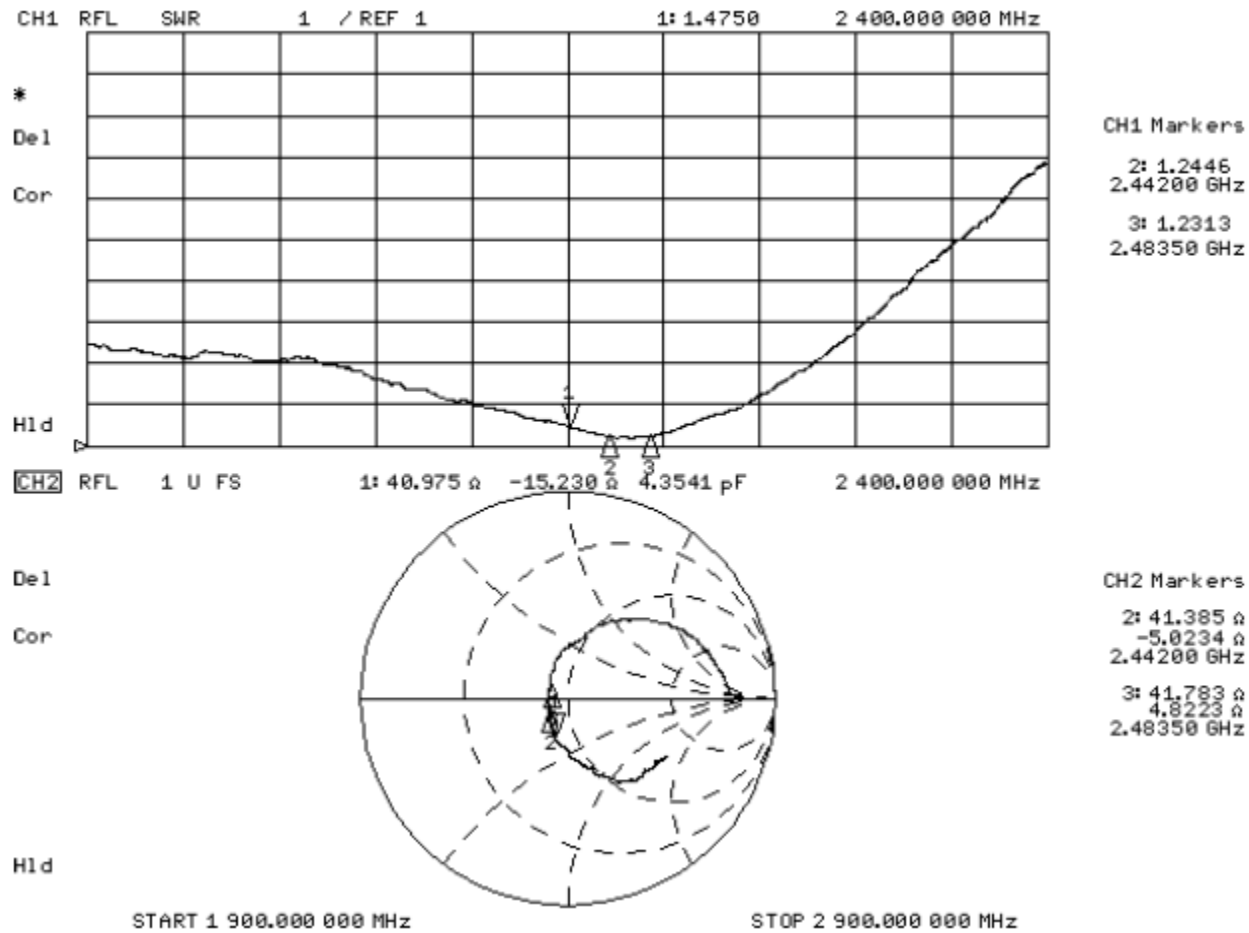
Sample

# Outside dimensions of 1019-018A and 1019-019A.

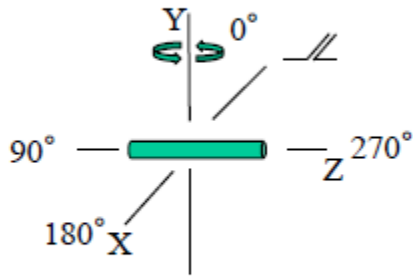


Sample

# VSWR



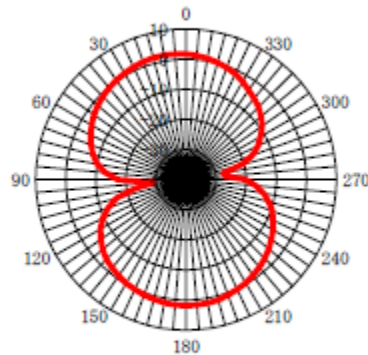
## E-plane Horizontal



MAX gain [dBi]

Ave gain [dBi]

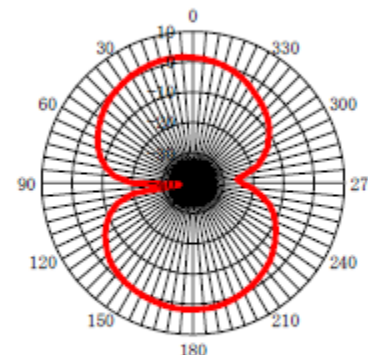
2400MHz



1.90

-1.99

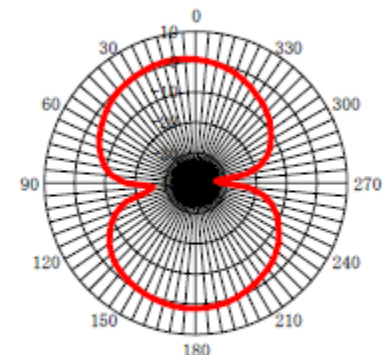
2442MHz



1.84

-2.11

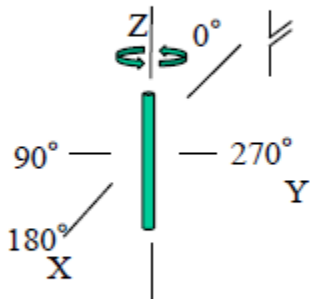
2484MHz



1.45

-2.48

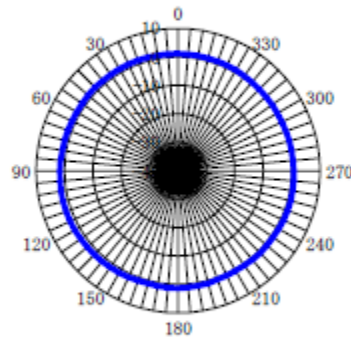
## H-plane Vertical



MAX gain [dBi]

Ave gain [dBi]

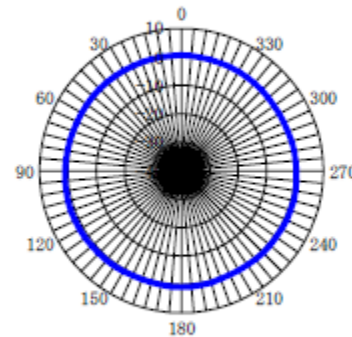
2400MHz



1.95

1.15

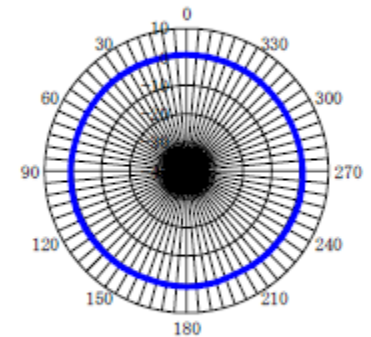
2442MHz



1.44

0.67

2484MHz



1.19

0.71