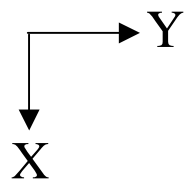
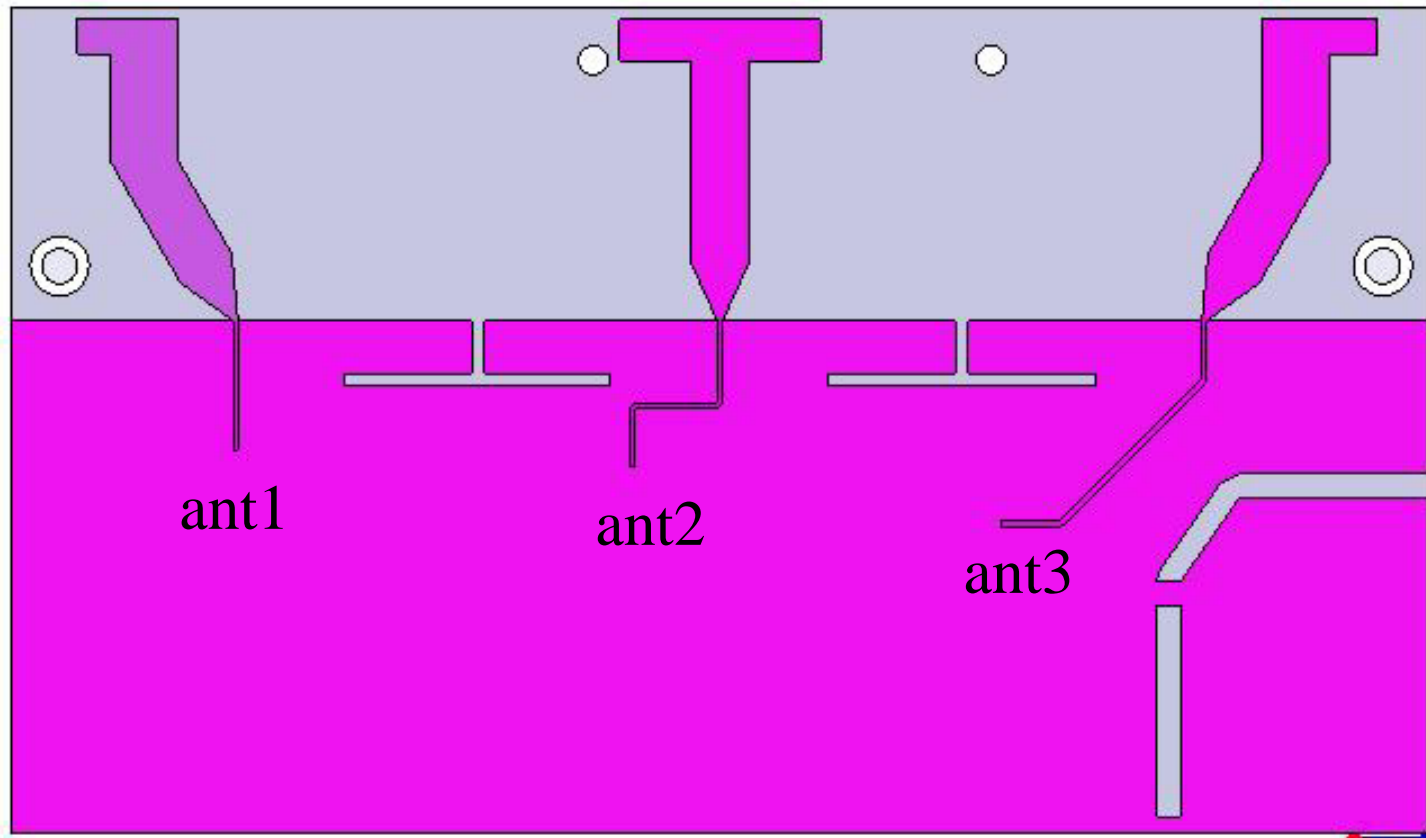
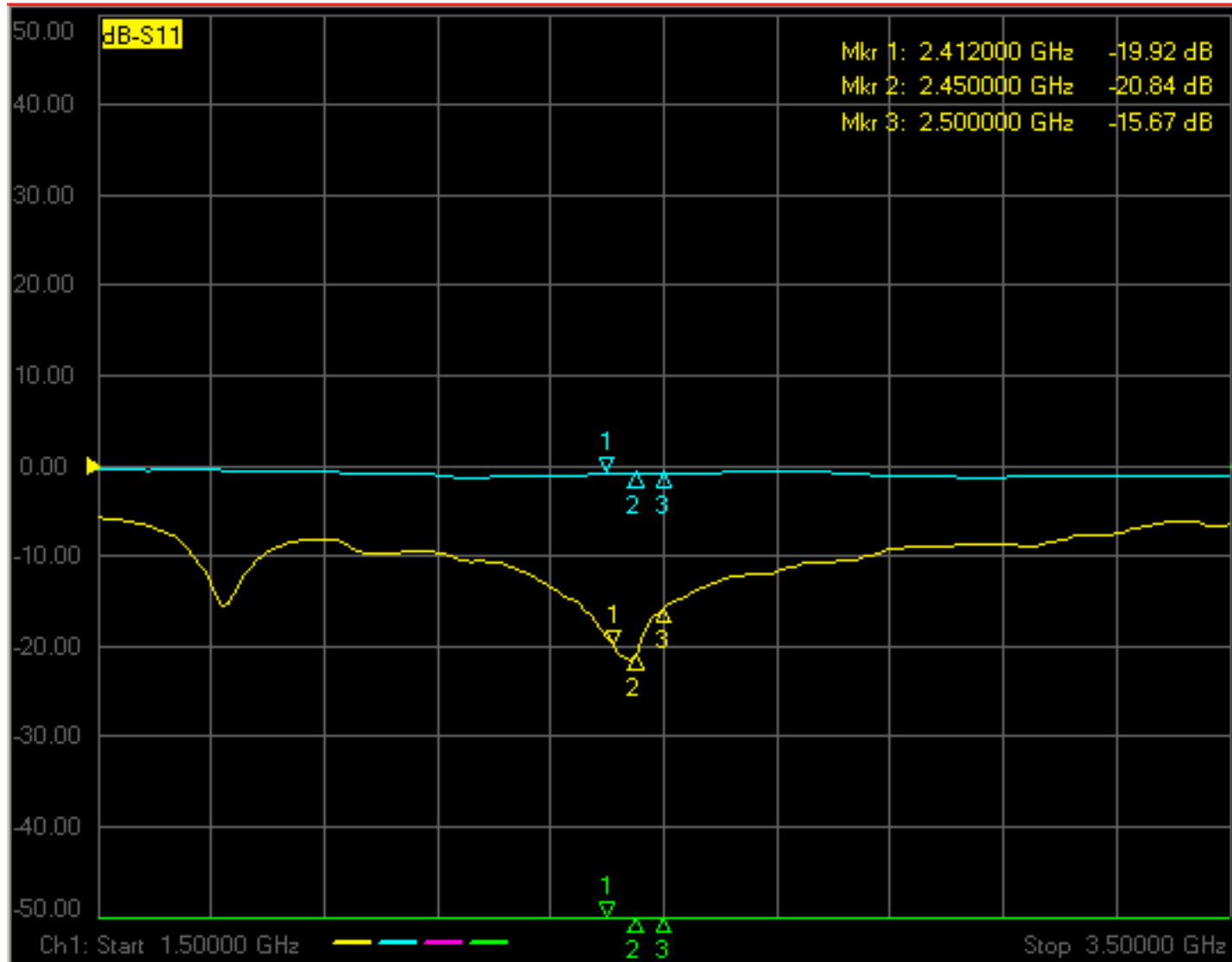


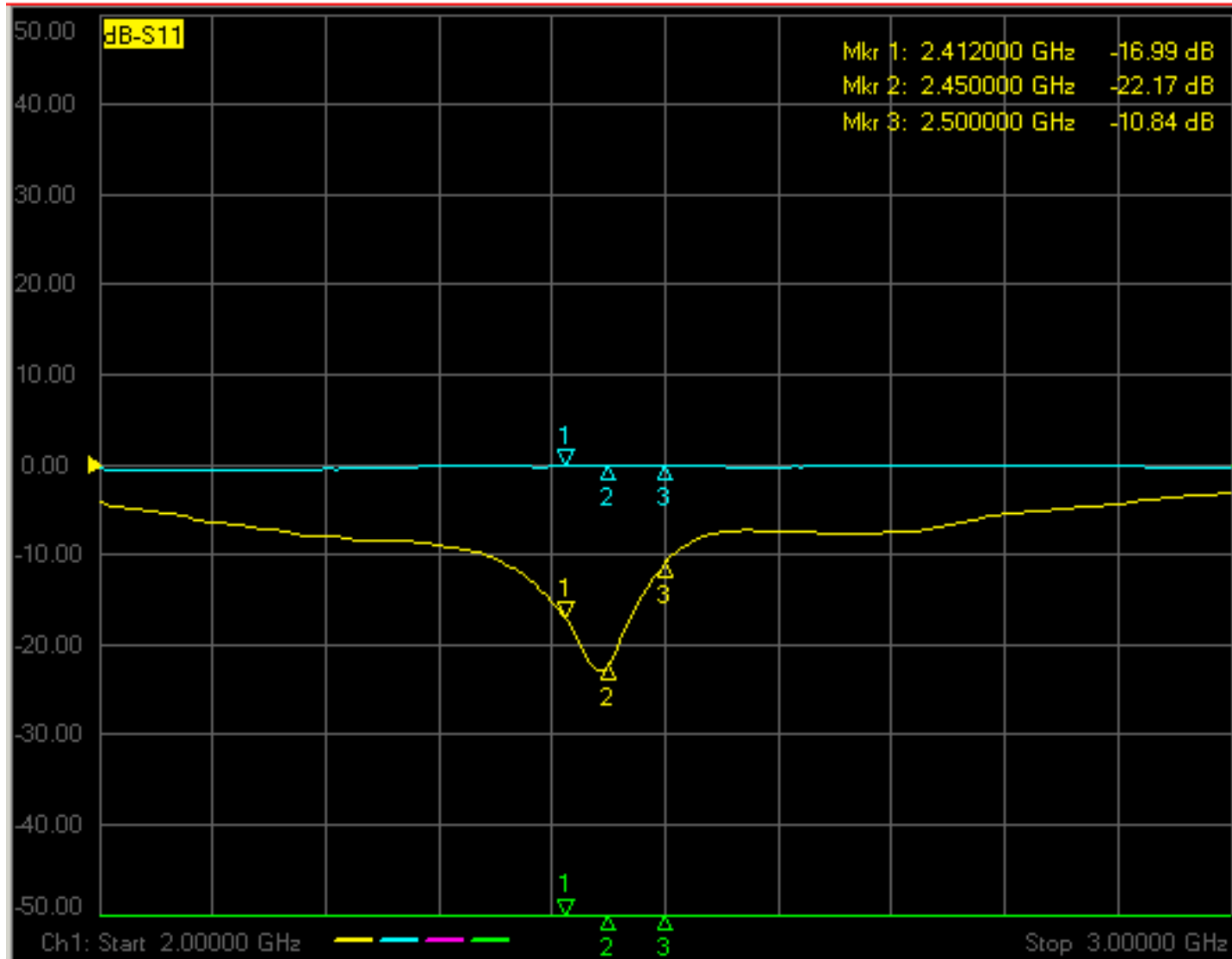
# Antenna structure



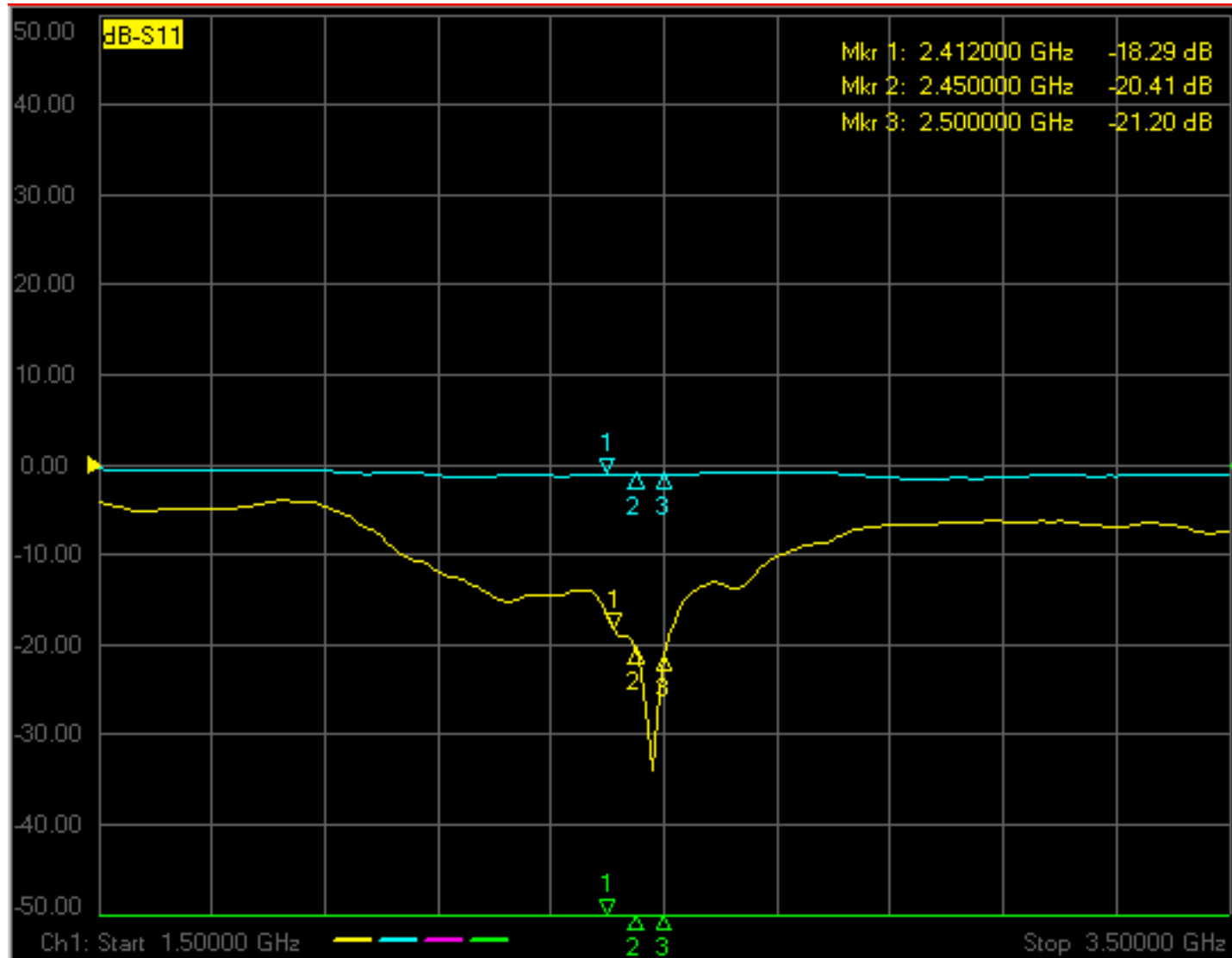
# The measured S11 of the ANT1



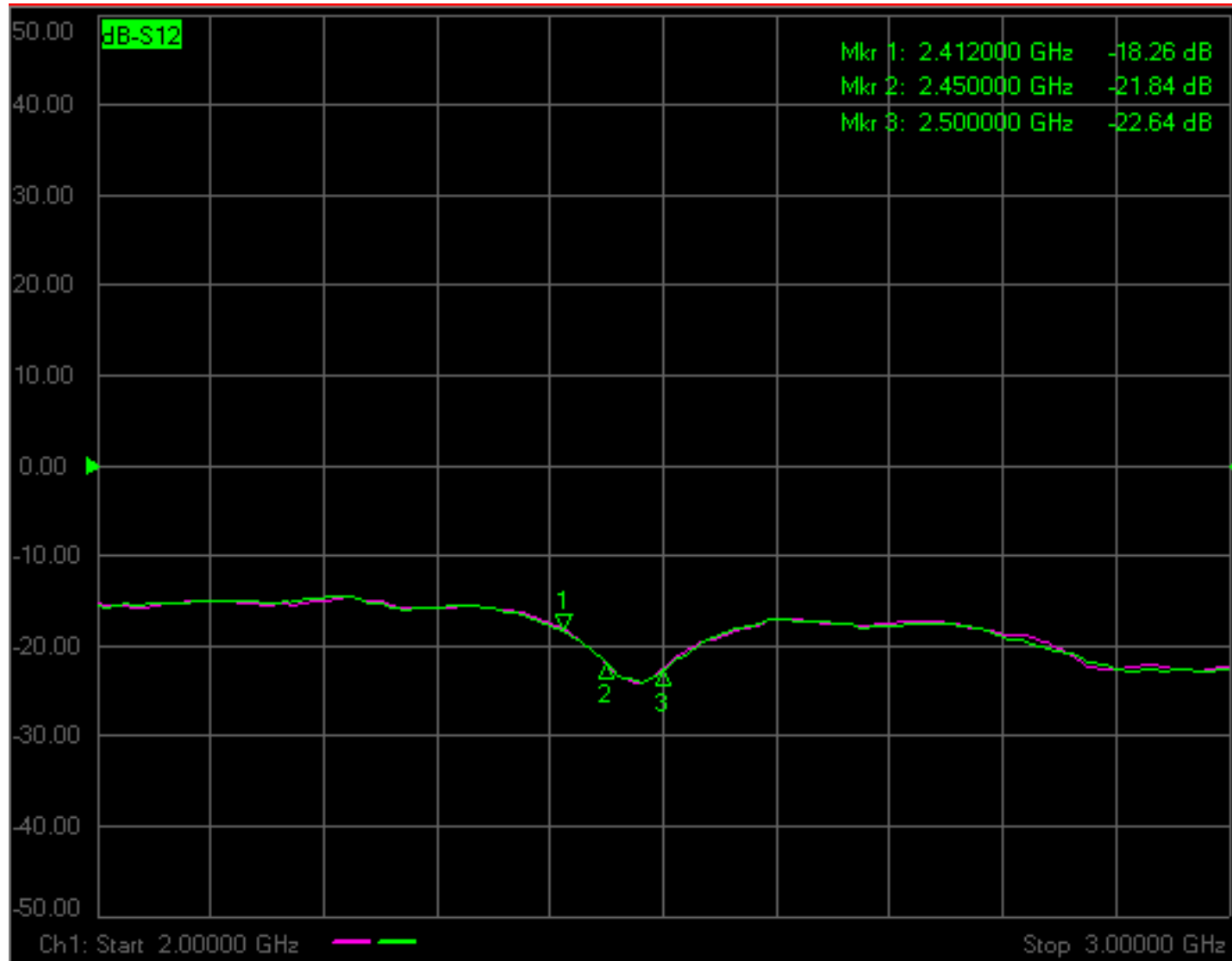
## The measured S11 of the ANT2



# The measured S11 of the ANT3



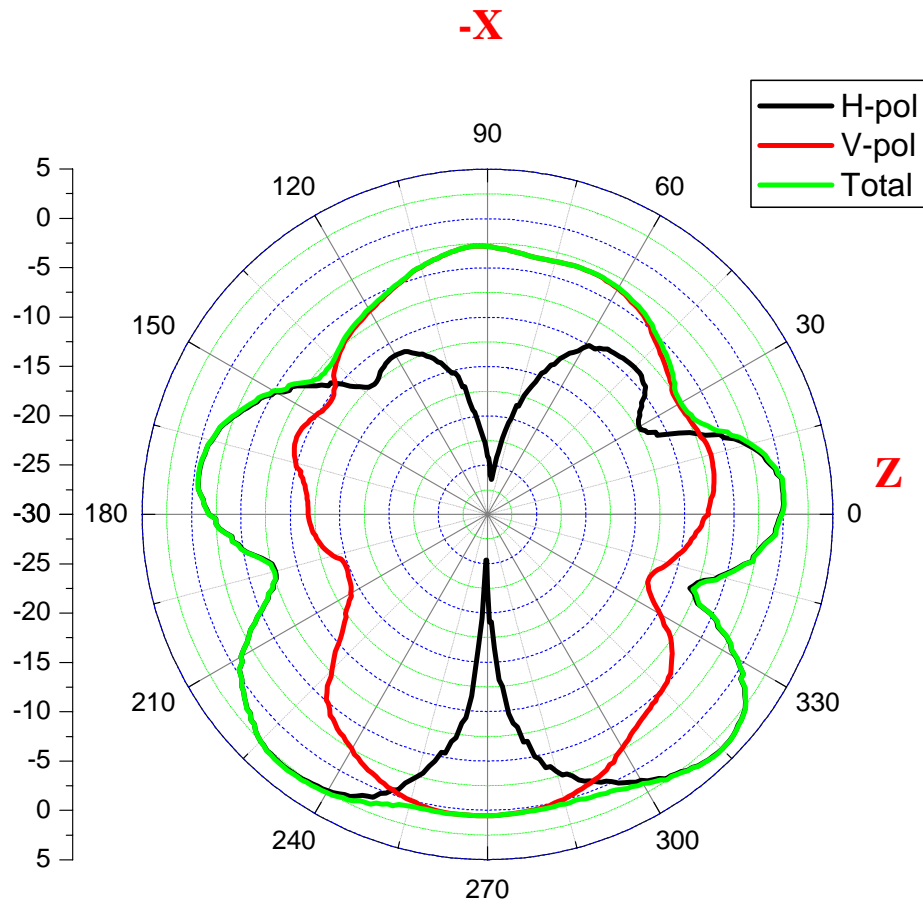
# The measured isolation of the ANT1&ANT2



# The measured isolation of the ANT2&ANT3

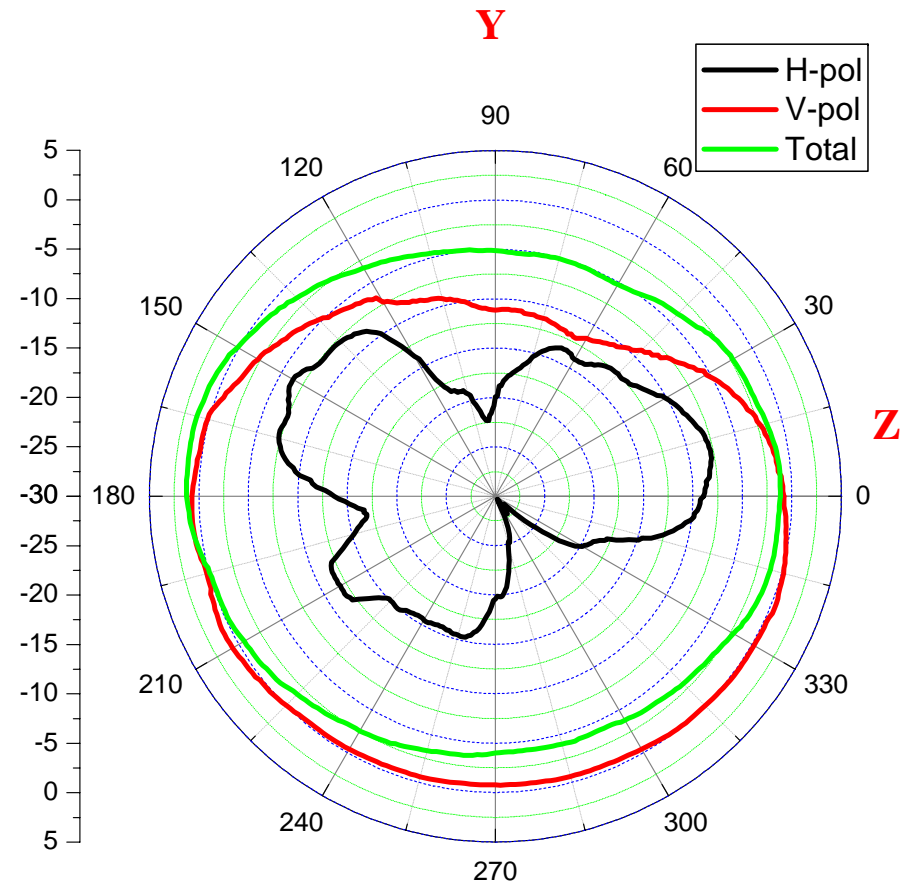


# 2.4GHz



Phi=0

Peak gain:3.6dBi

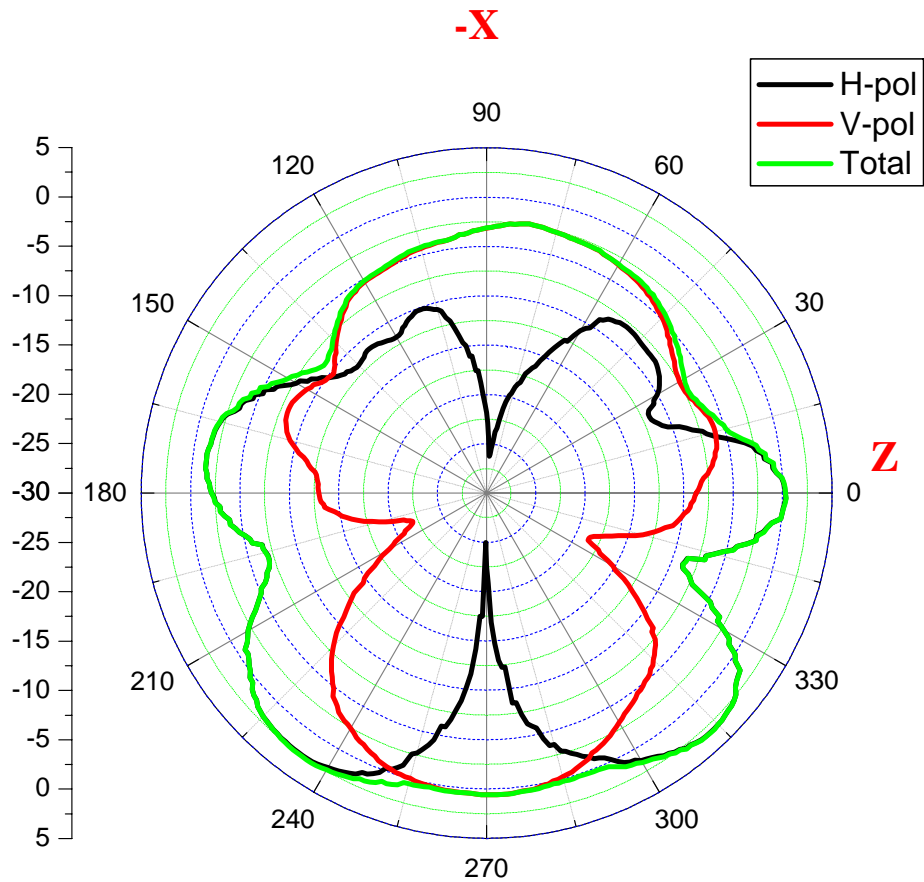


Phi=90

Peak gain:1.28dBi

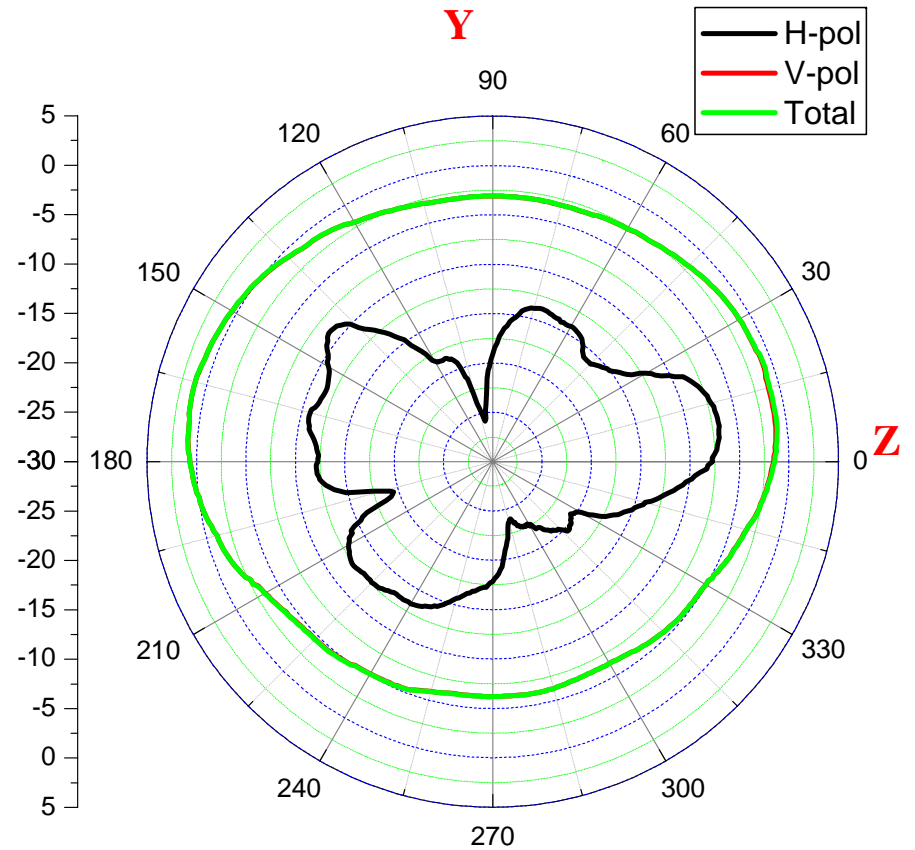
The measured pattern of \_ant1

# 2.45GHz



**Phi=0**

Peak gain:3.2dBi



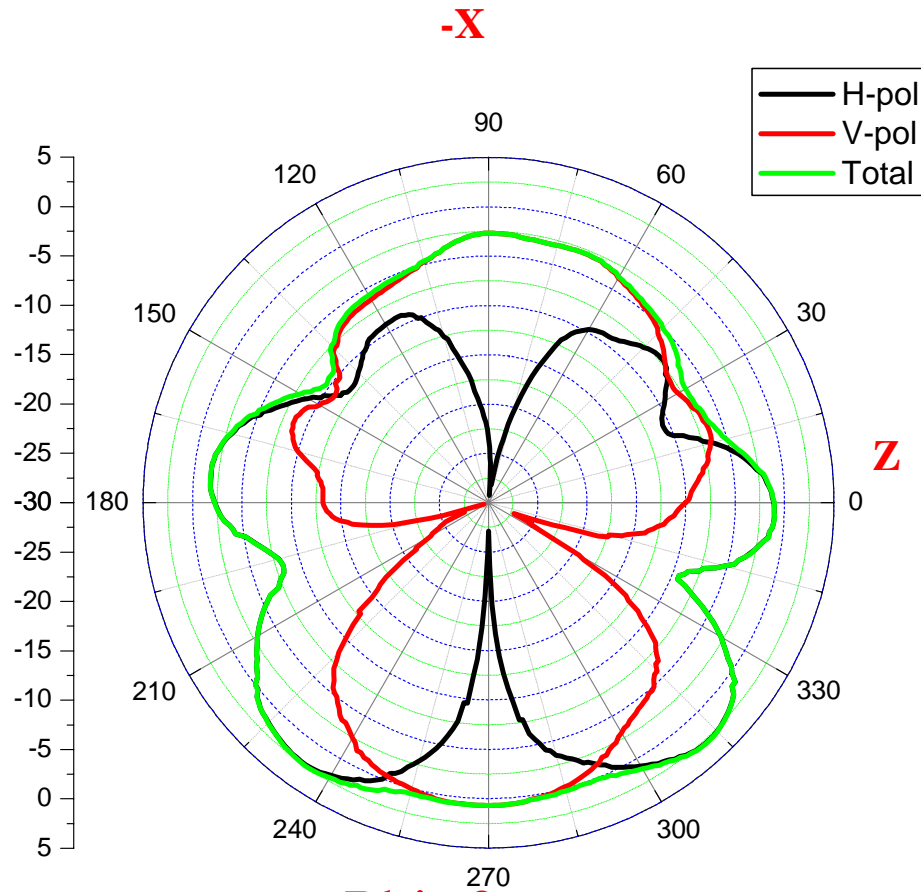
**Phi=90**

Peak gain:1.18dBi

The measured pattern of\_ant1

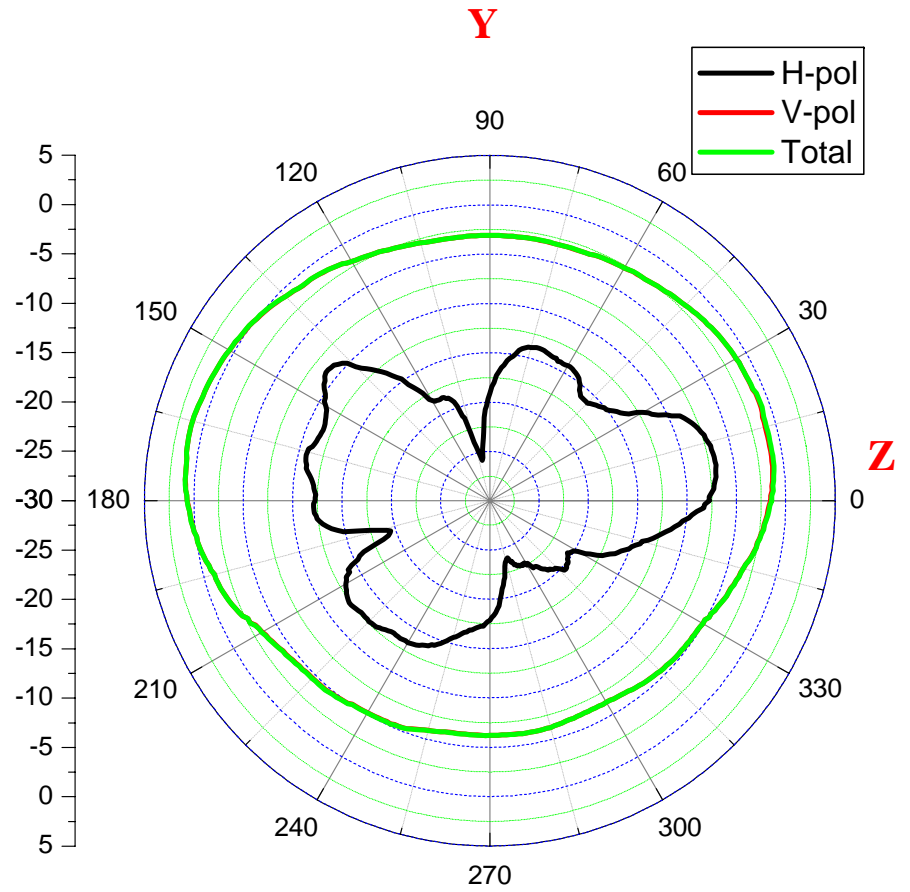


# 2.5GHz



**Phi=0**

Peak gain:2.9dBi

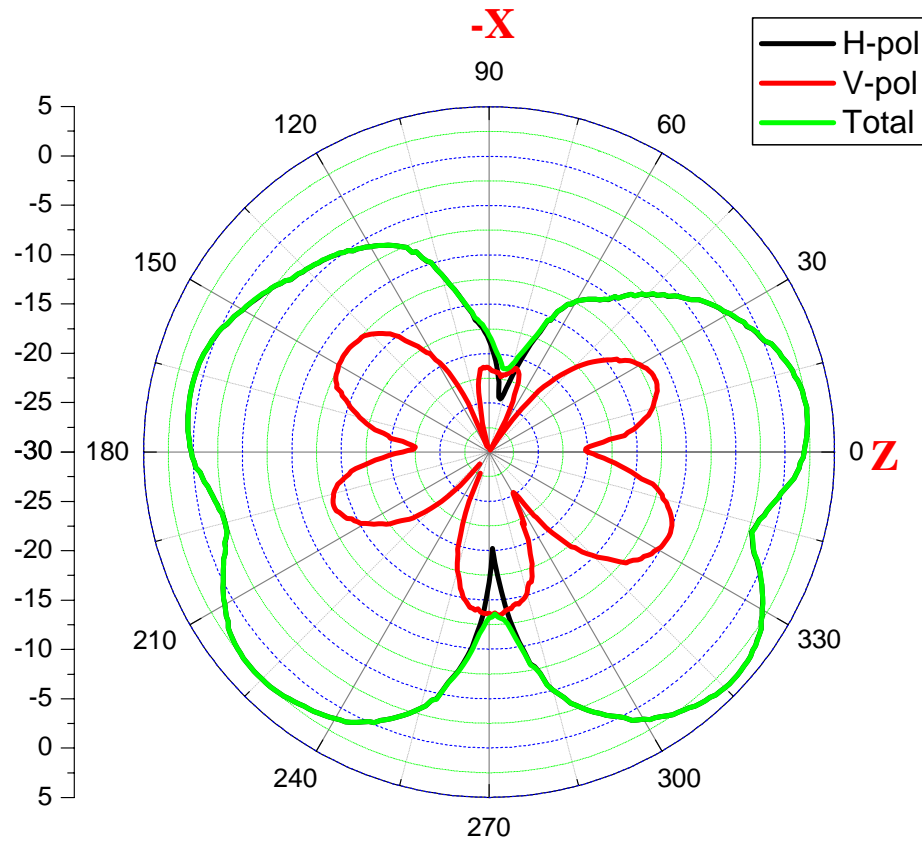


**Phi=90**

Peak gain:0.47dBi

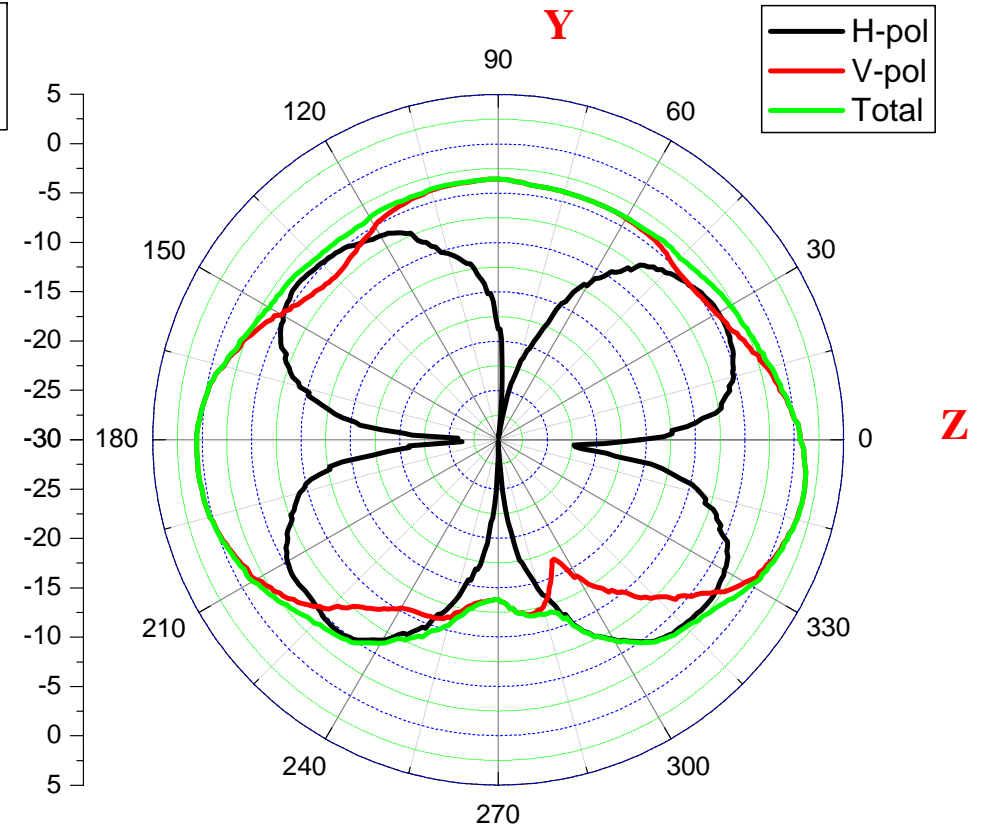
The measured pattern of \_ant1

# 2.4GHz



Phi=0

Peak gain: 3.8dBi

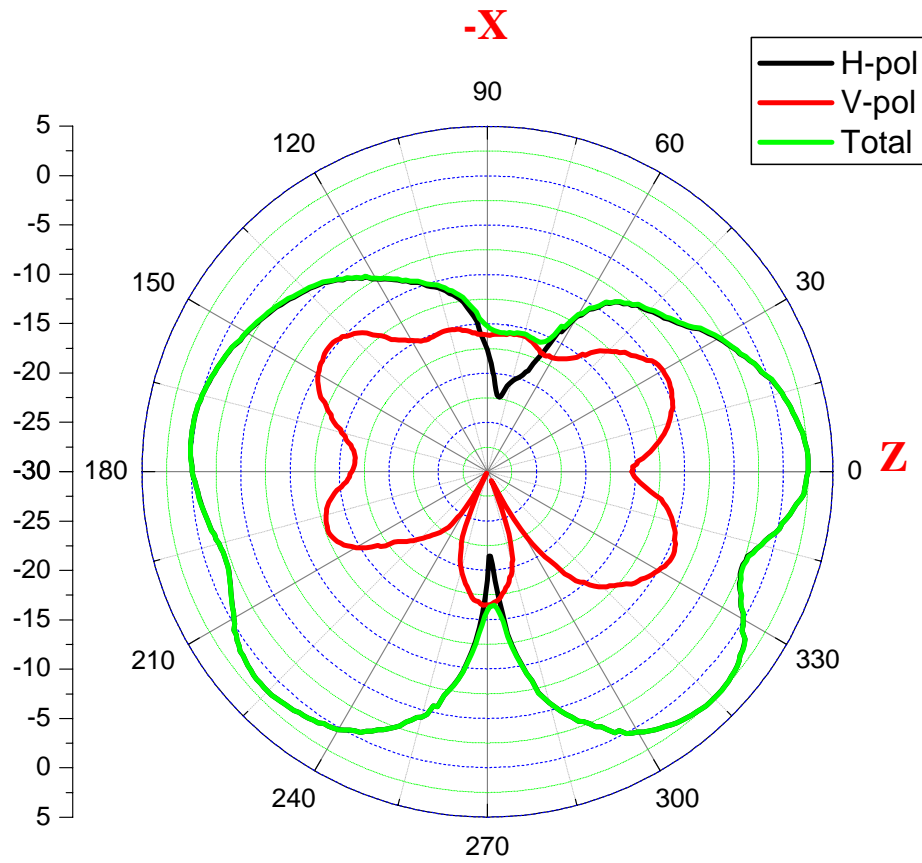


Phi=90

Peak gain: 1.43dBi

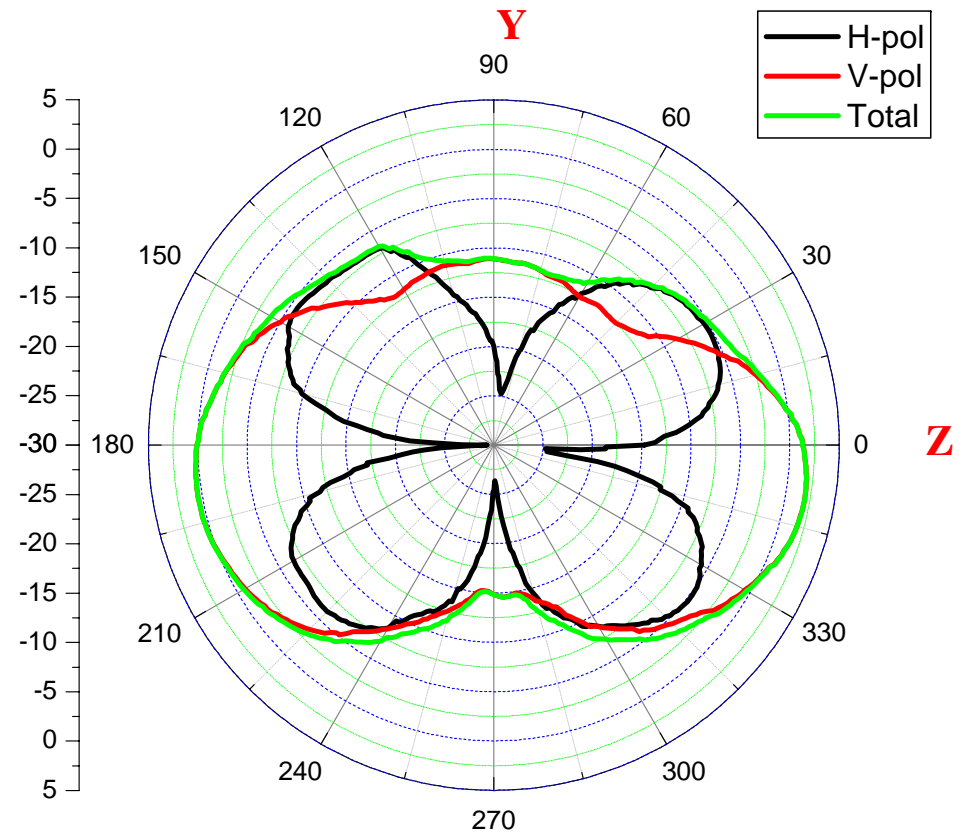
The measured pattern of \_ant2

# 2.45GHz



**Phi=0**

Peak gain:2.5dBi

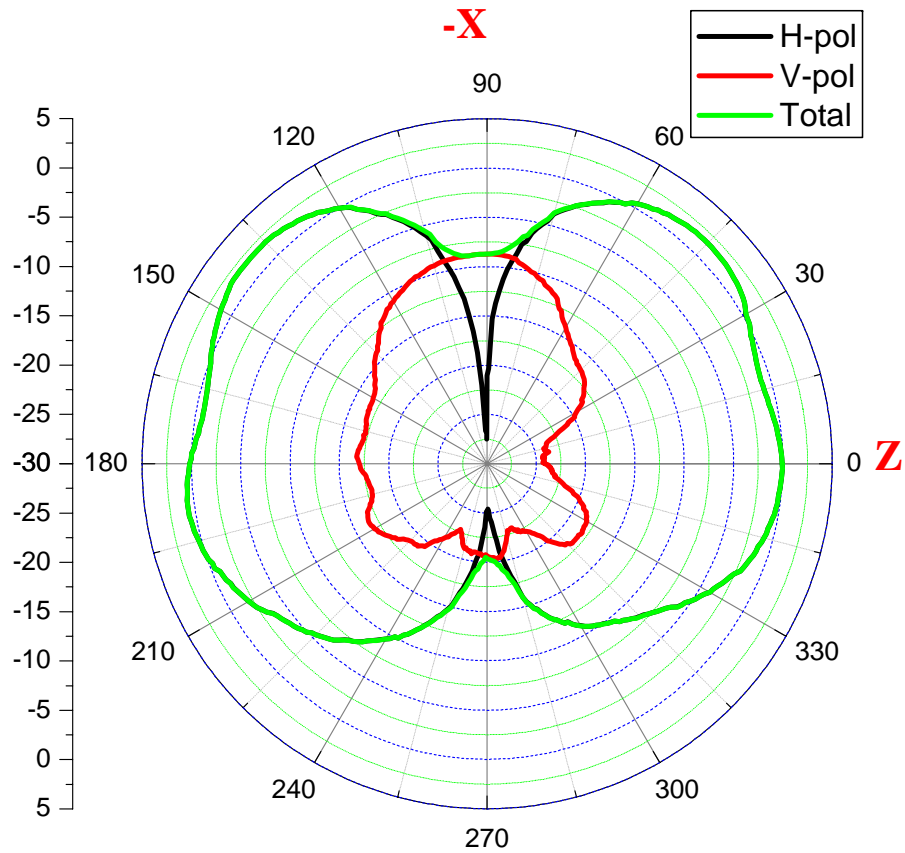


**Phi=90**

Peak gain:1.95dBi

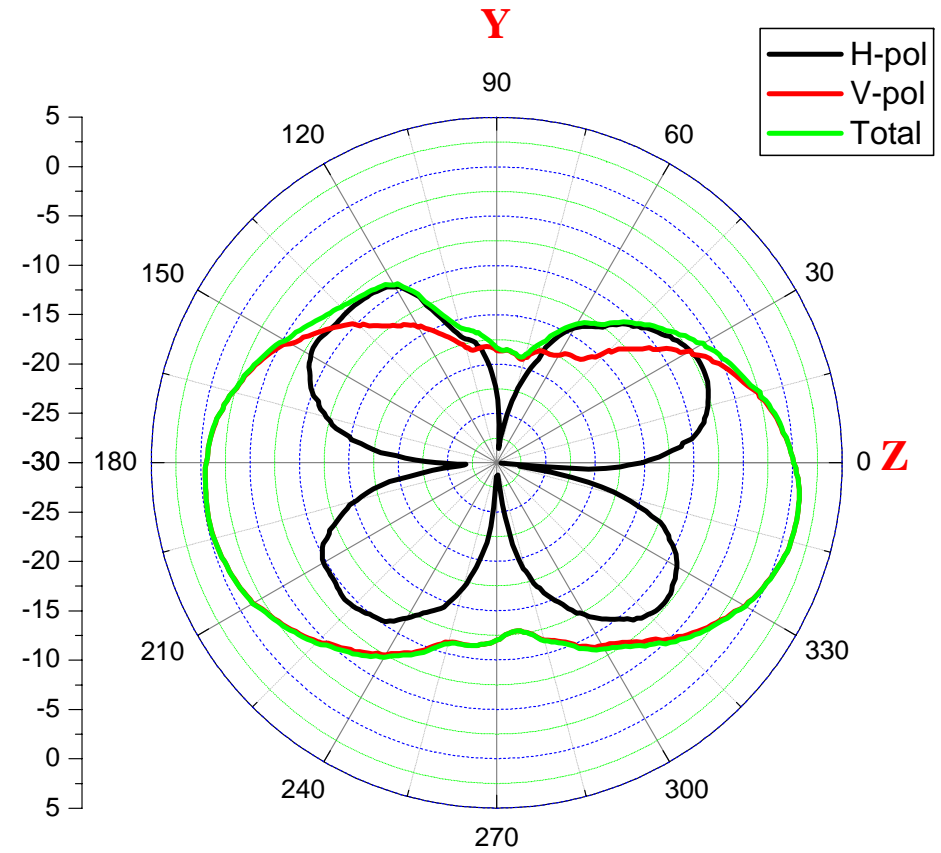
The measured pattern of \_ant2

# 2.5GHz



**Phi=0**

Peak gain: 1.8dBi

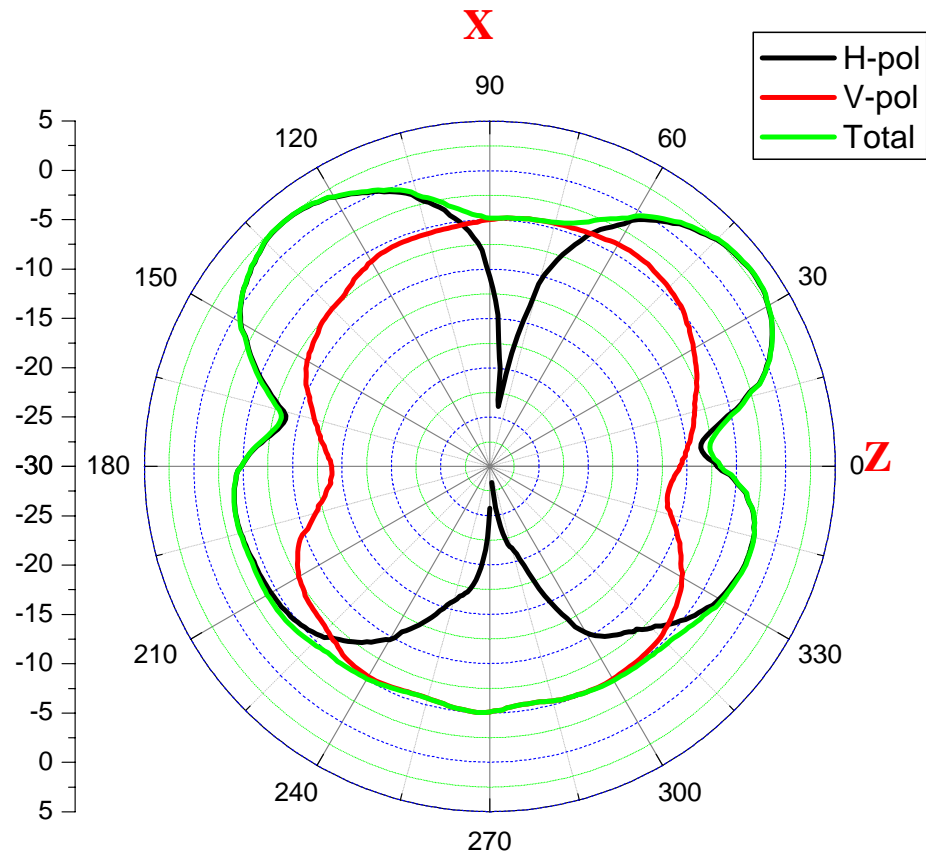


**Phi=90**

Peak gain: 1dBi

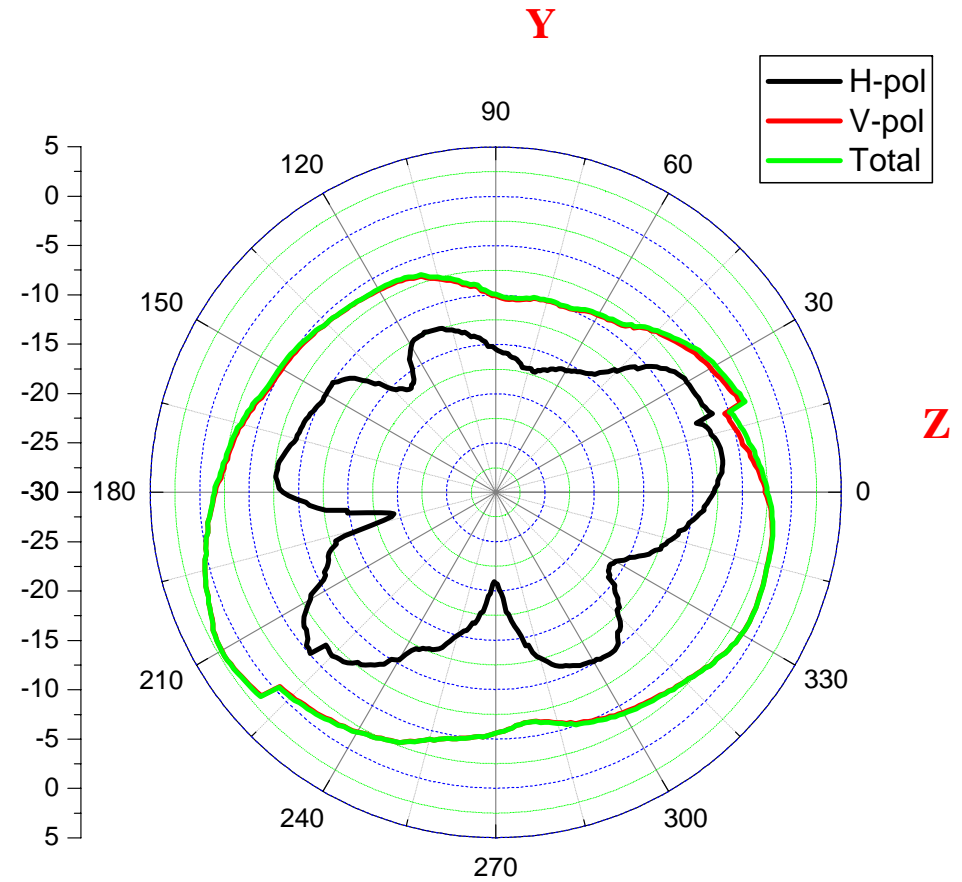
The measured pattern of \_ant2

# 2.4GHz



Phi=0

Peak gain:3.1dBi

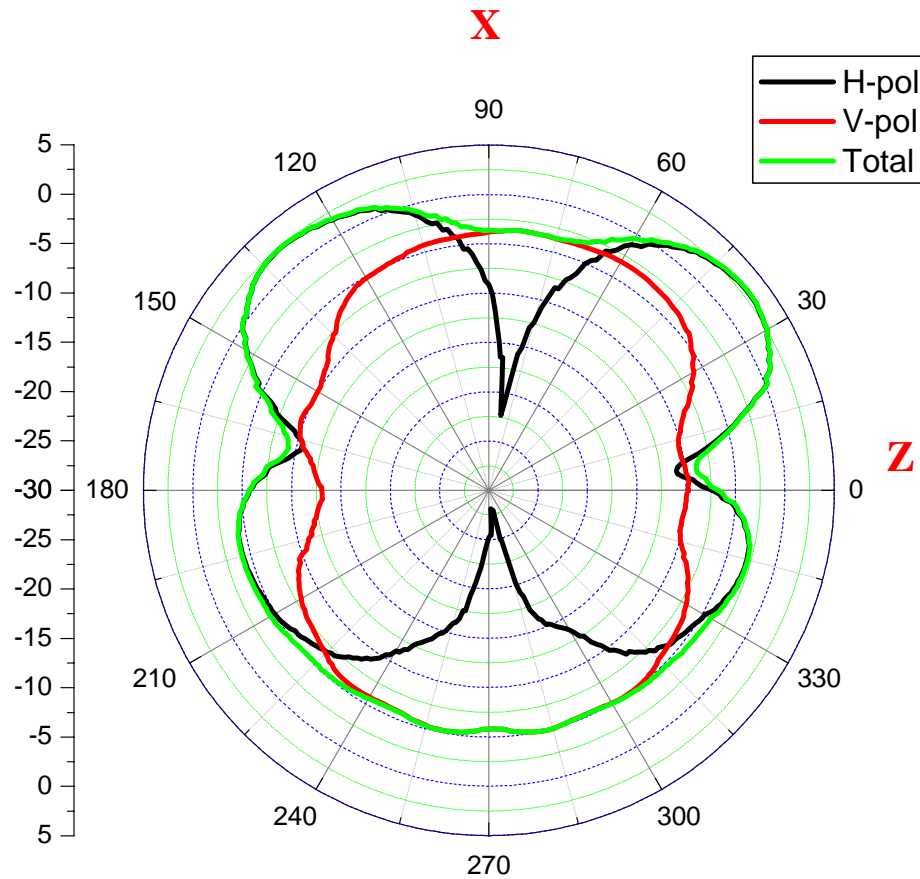


Phi=90

Peak gain:1.12dBi

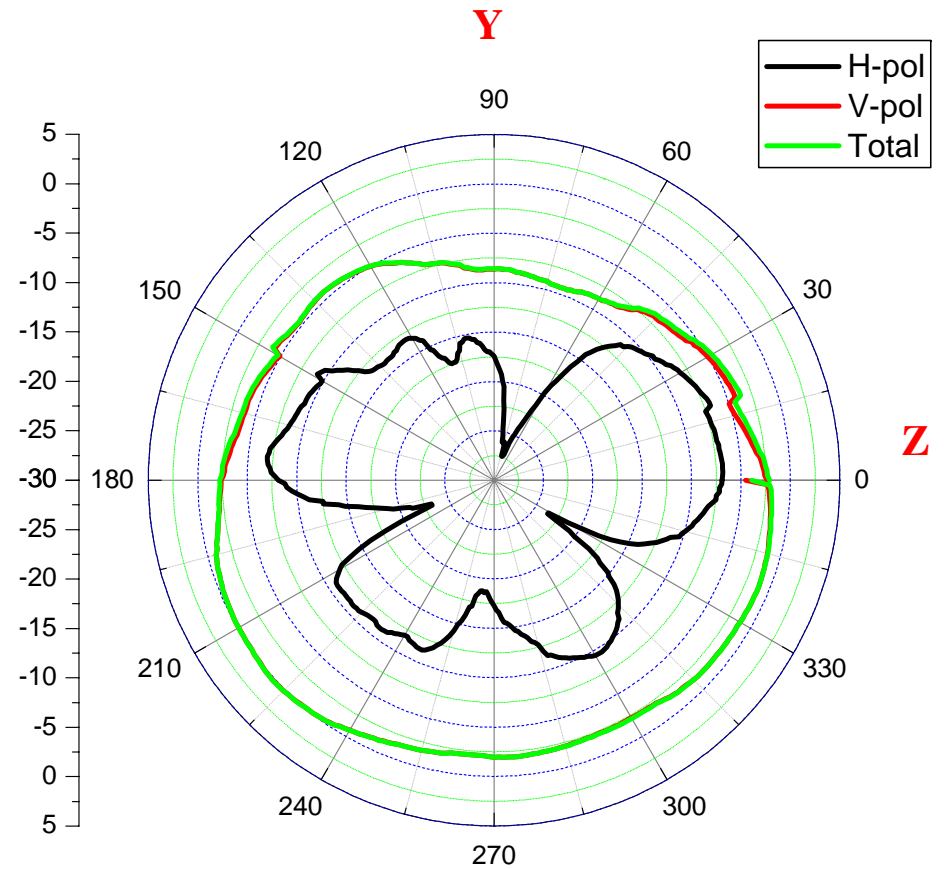
The measured pattern of \_ant3

# 2.45GHz



**Phi=0**

Peak gain:3.1dBi

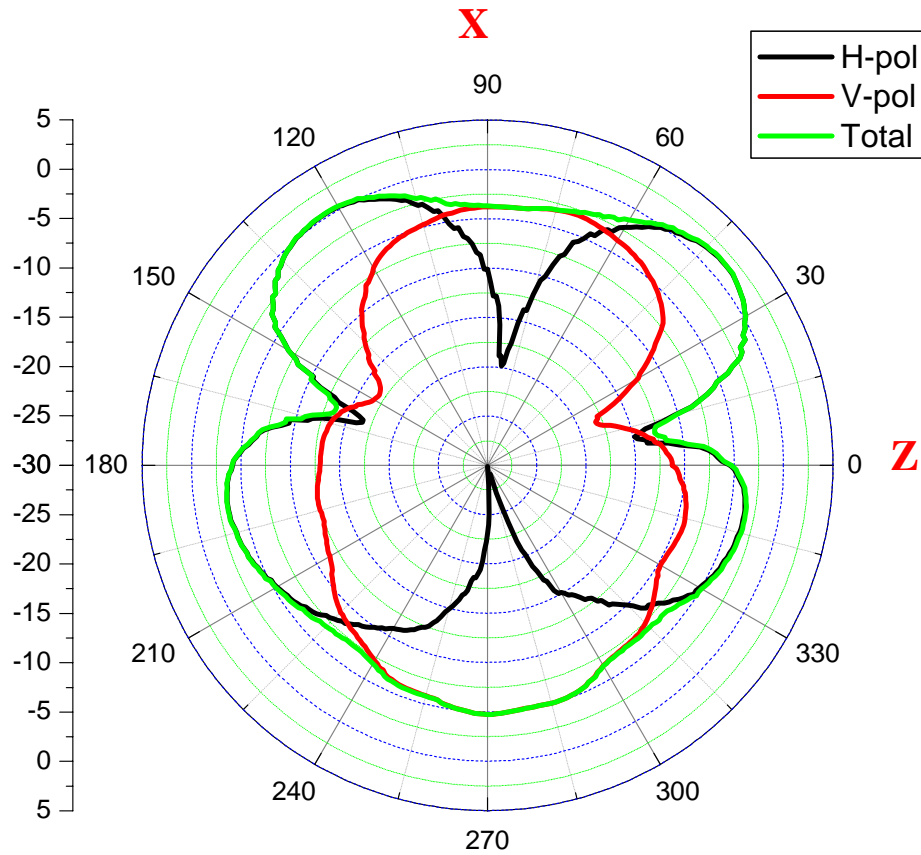


**Phi=90**

Peak gain:0.56dBi

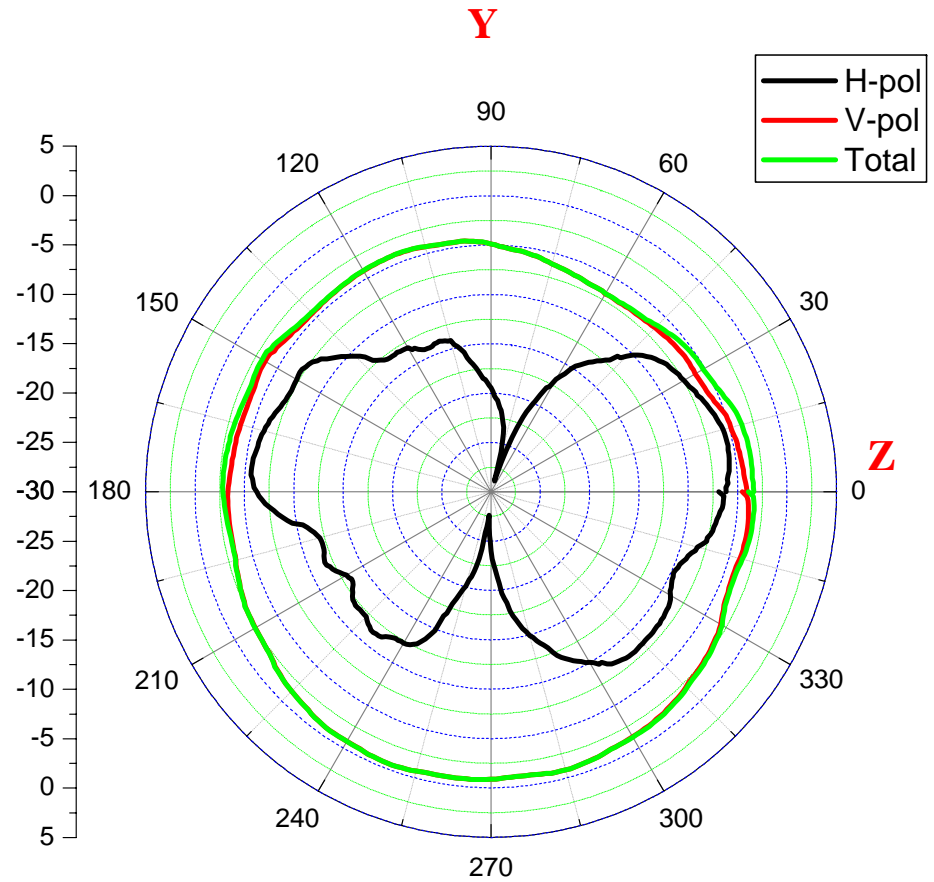
The measured pattern of \_ant3

# 2.5GHz



**Phi=0**

Peak gain: 1.6dBi



**Phi=90**

Peak gain: -1dBi

The measured pattern of \_ant3