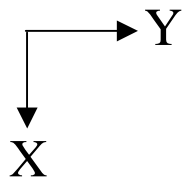
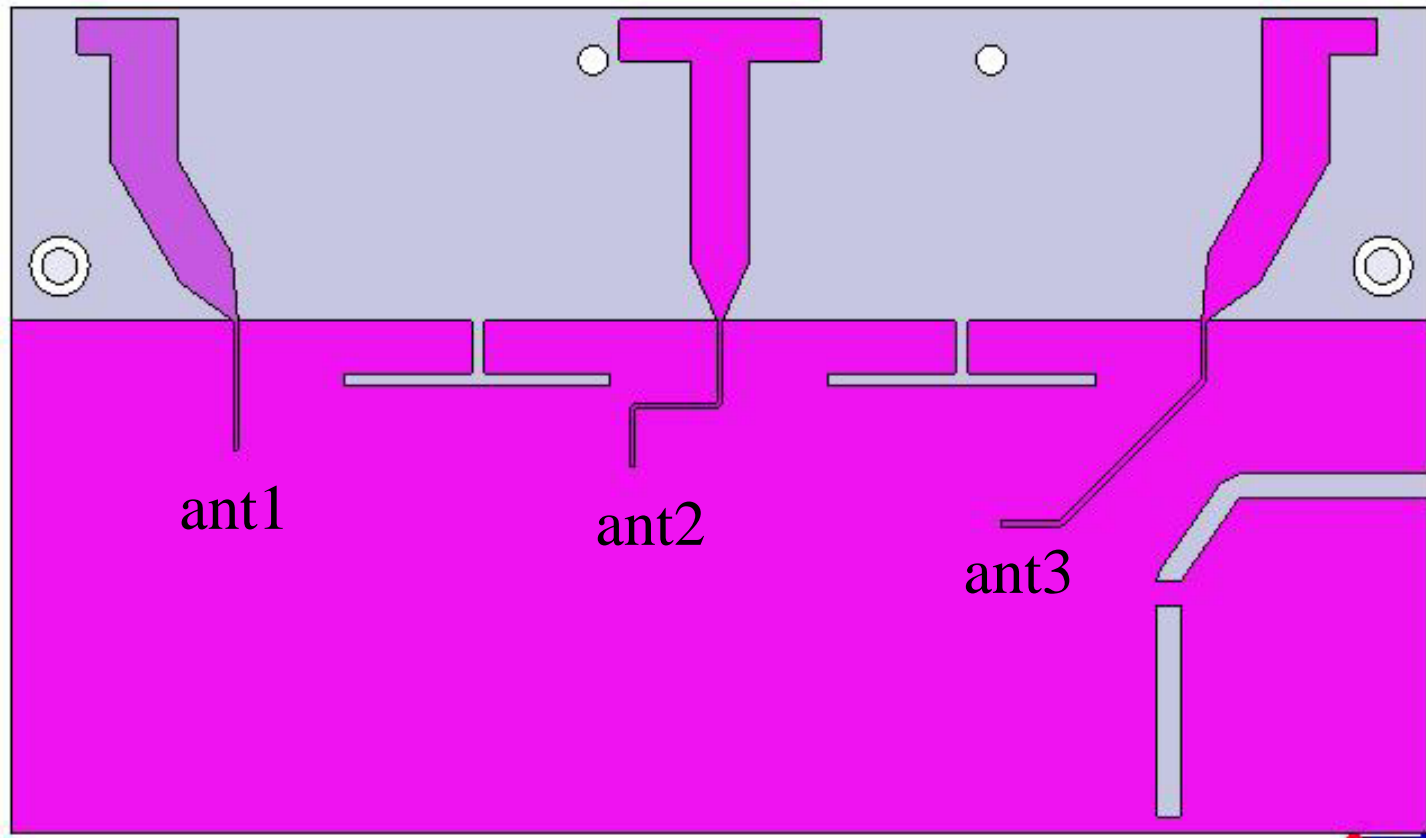
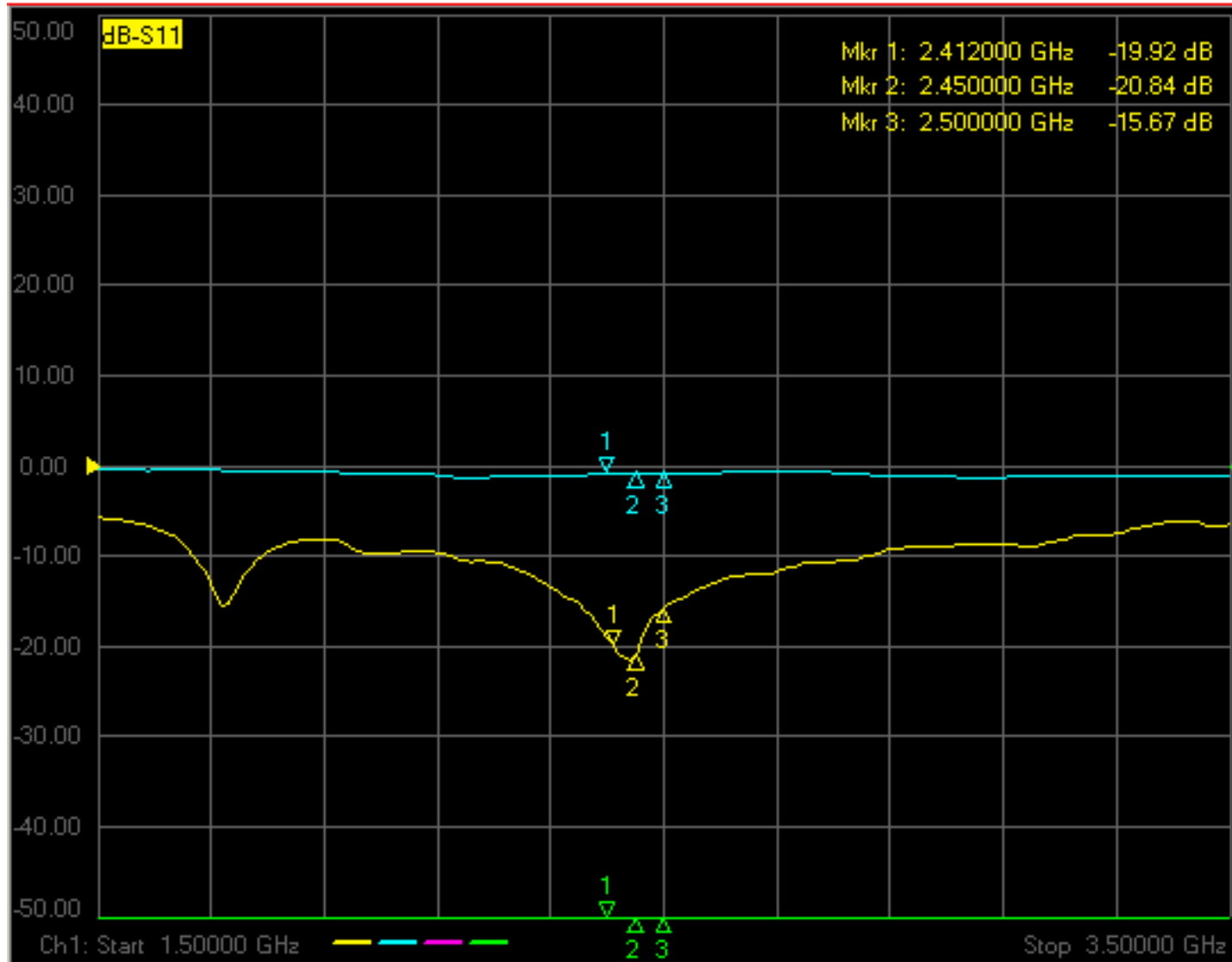


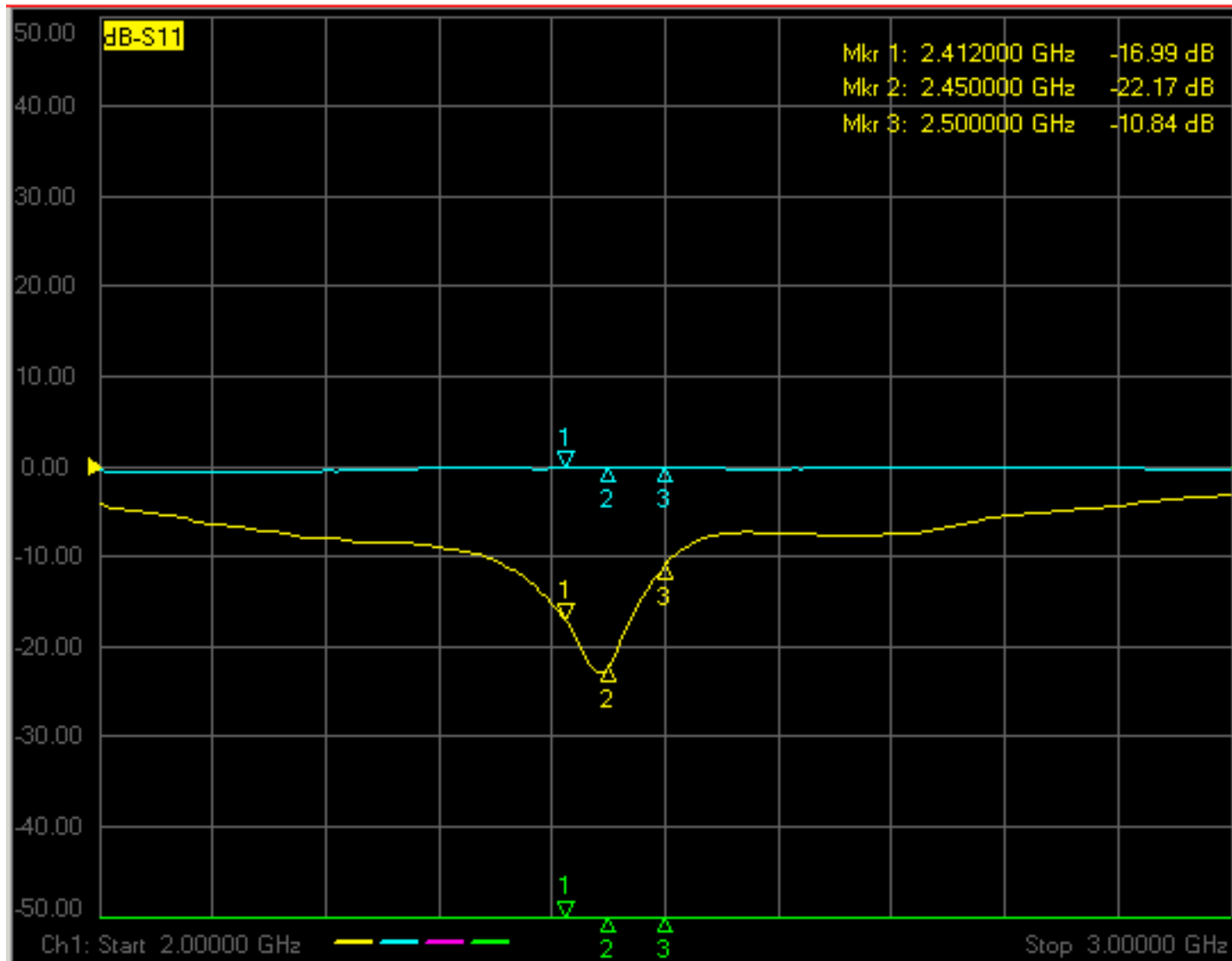
Antenna structure



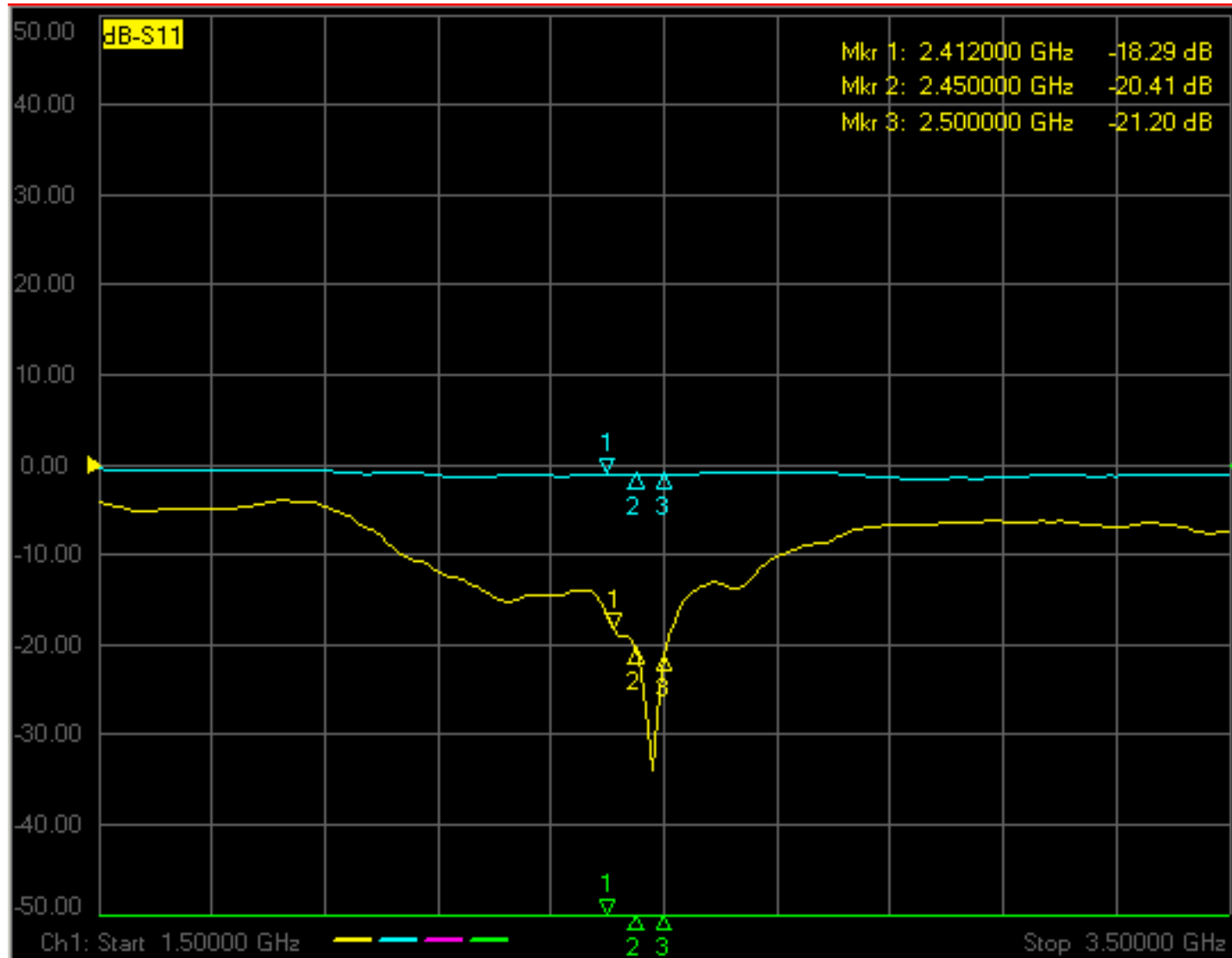
The measured S11 of the ANT1



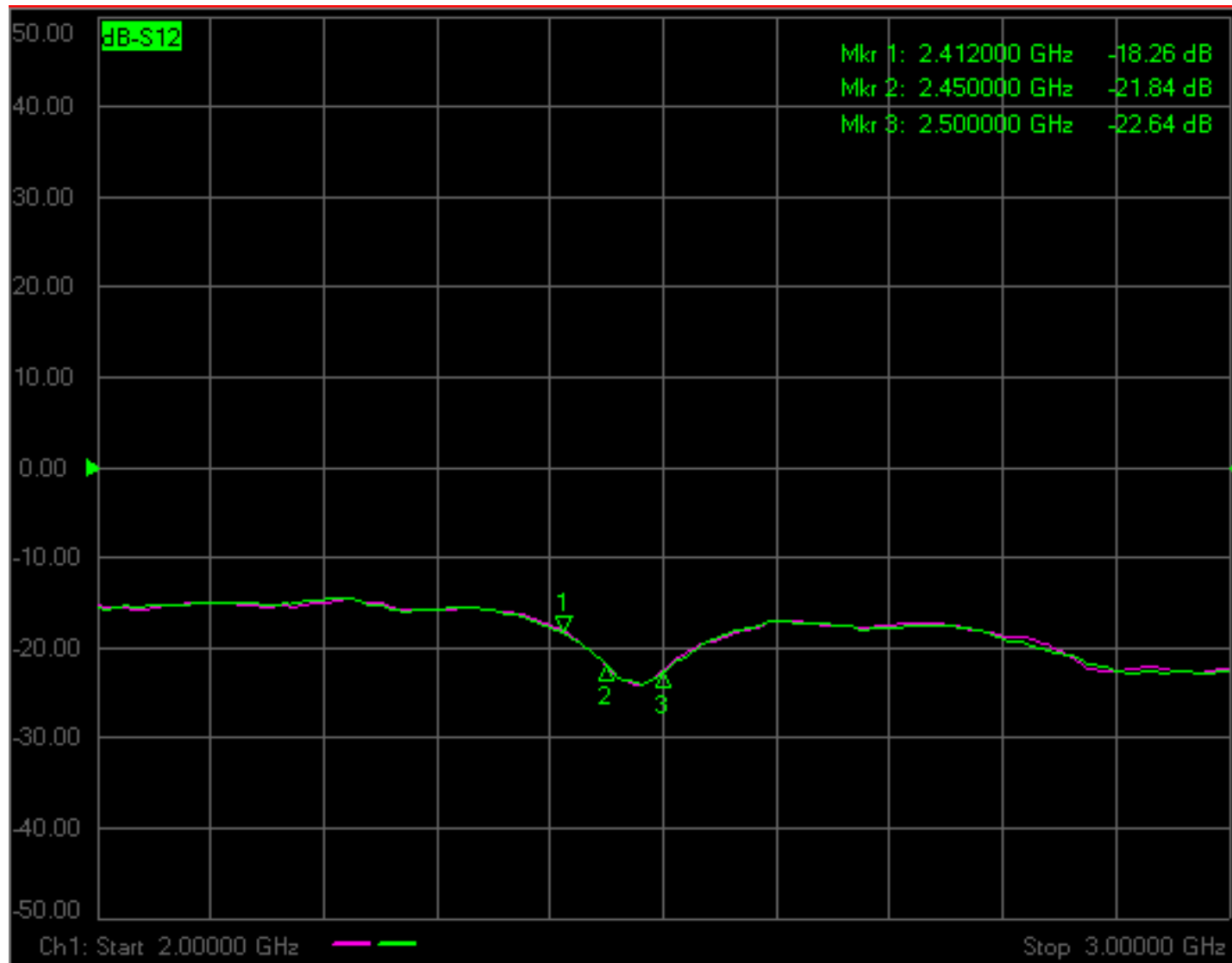
The measured S11 of the ANT2



The measured S11 of the ANT3



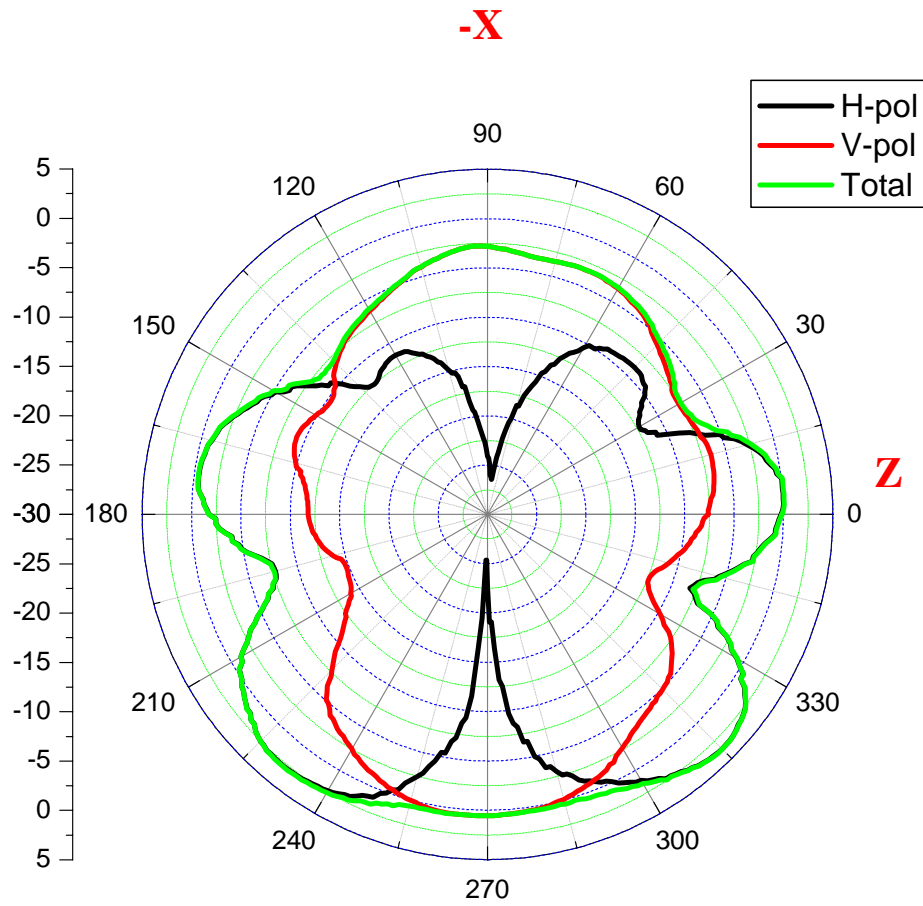
The measured isolation of the ANT1&ANT2



The measured isolation of the ANT2&ANT3

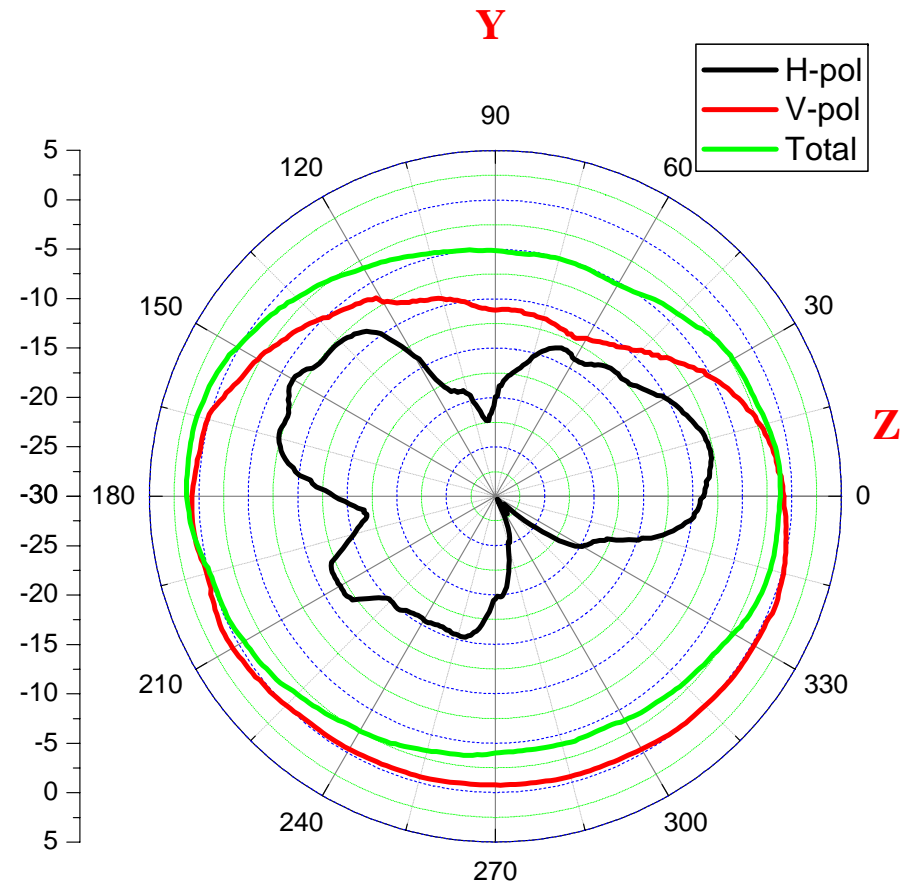


2.4GHz



$\Phi=0$

Peak gain: 3.6dBi

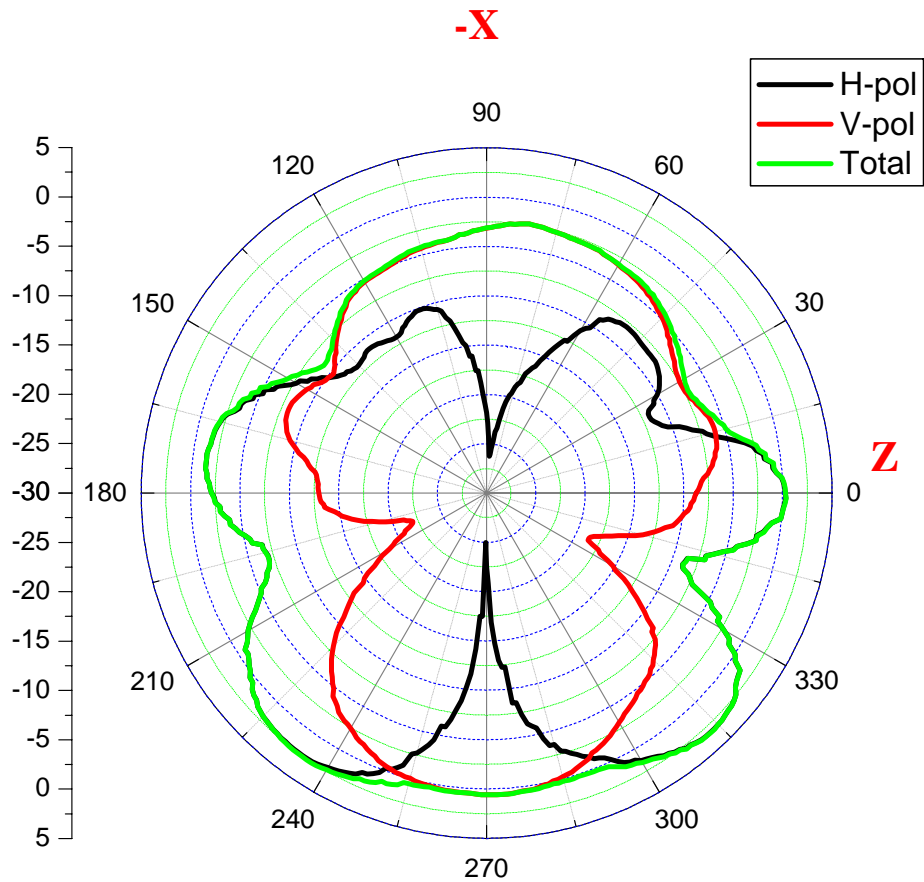


$\Phi=90$

Peak gain: 1.28dBi

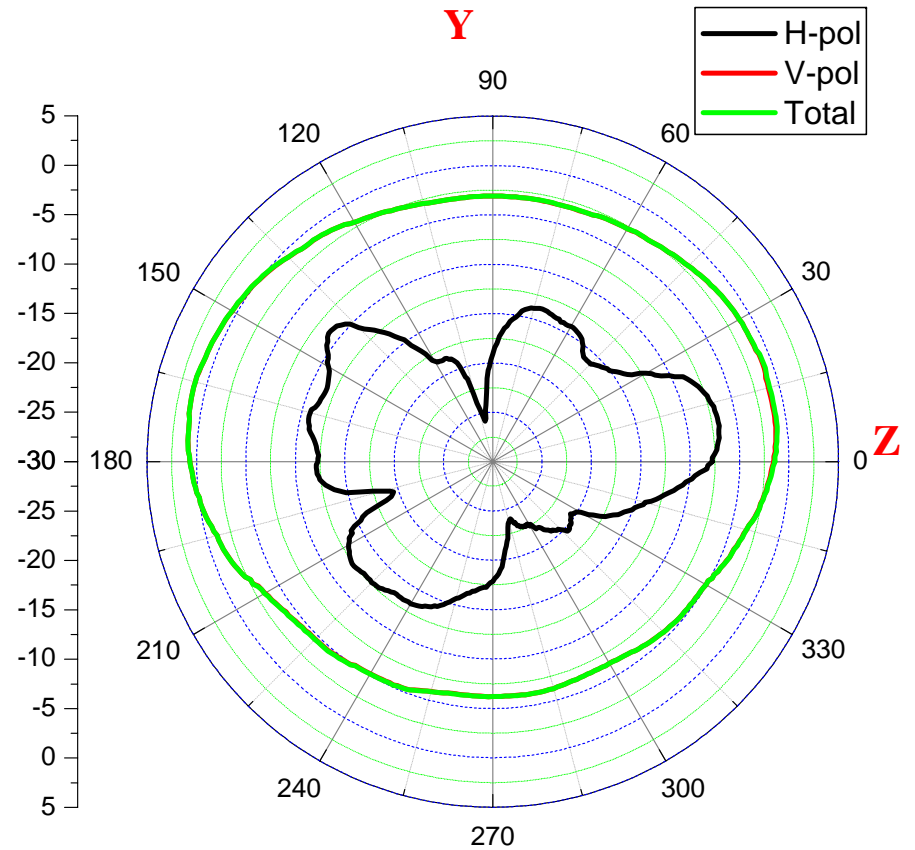
The measured pattern of _ant1

2.45GHz



Phi=0

Peak gain:3.2dBi

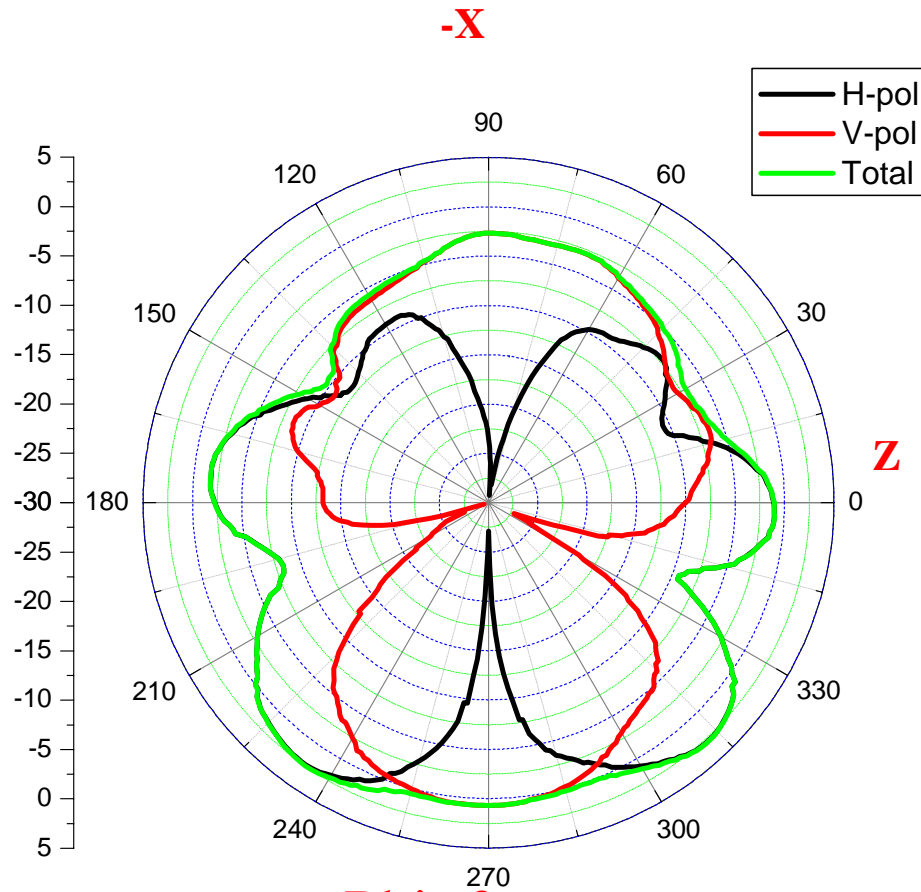


Phi=90

Peak gain:1.18dBi

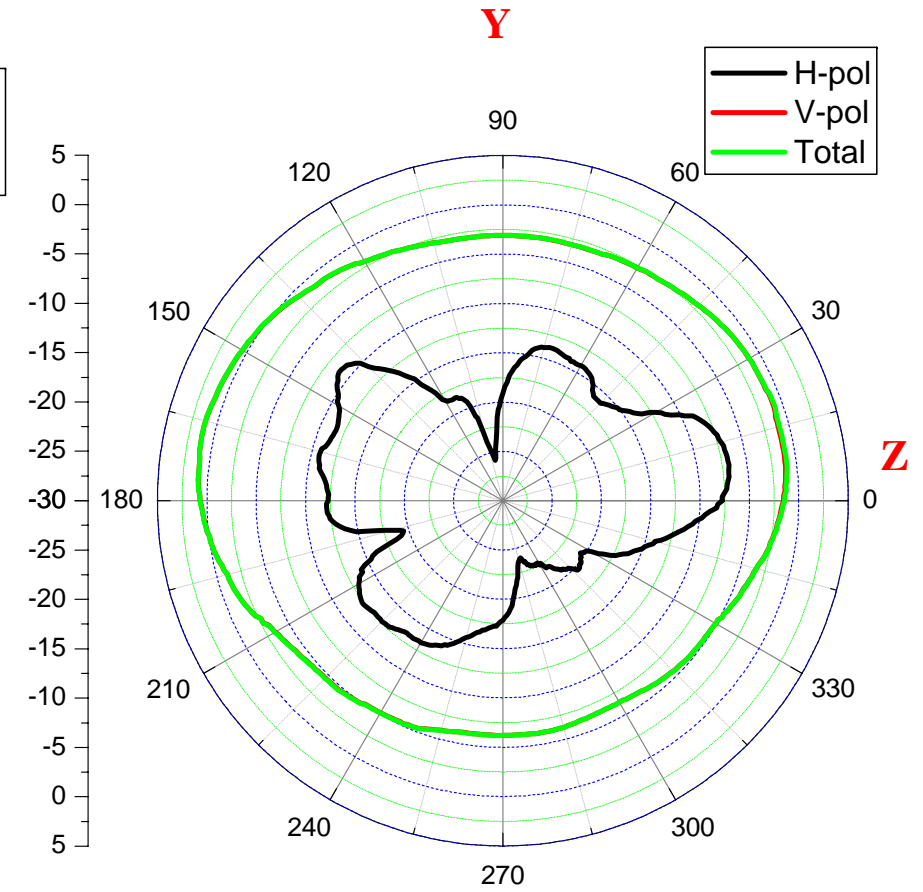
The measured pattern of_ant1

2.5GHz



Phi=0

Peak gain:2.9dBi

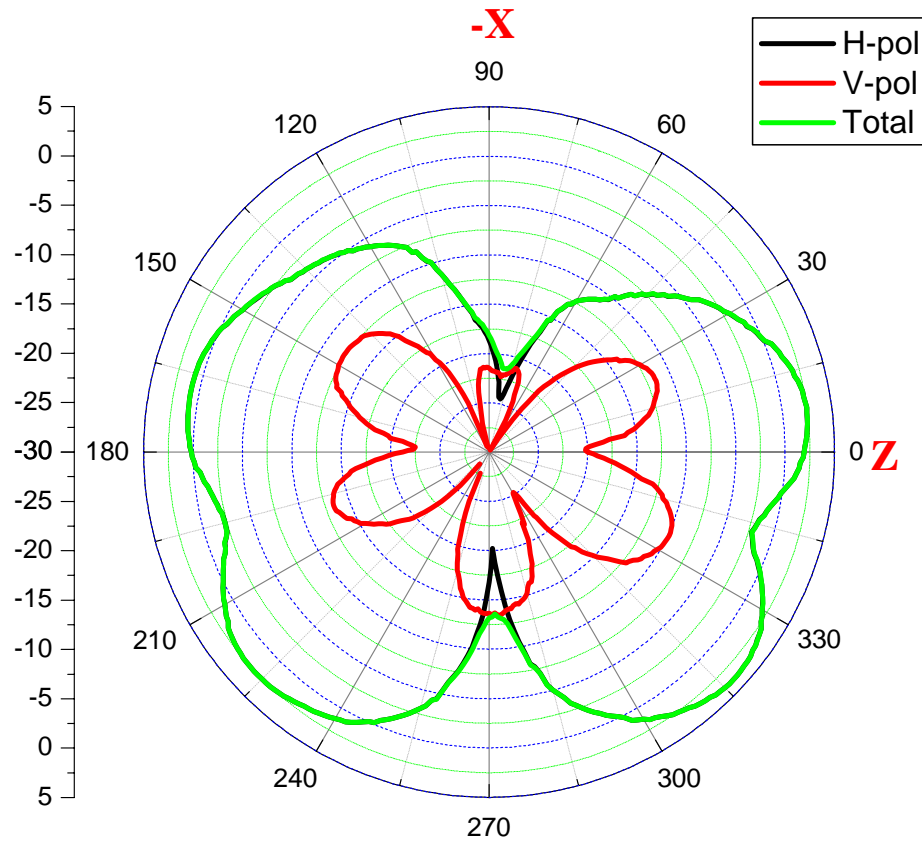


Phi=90

Peak gain:0.47dBi

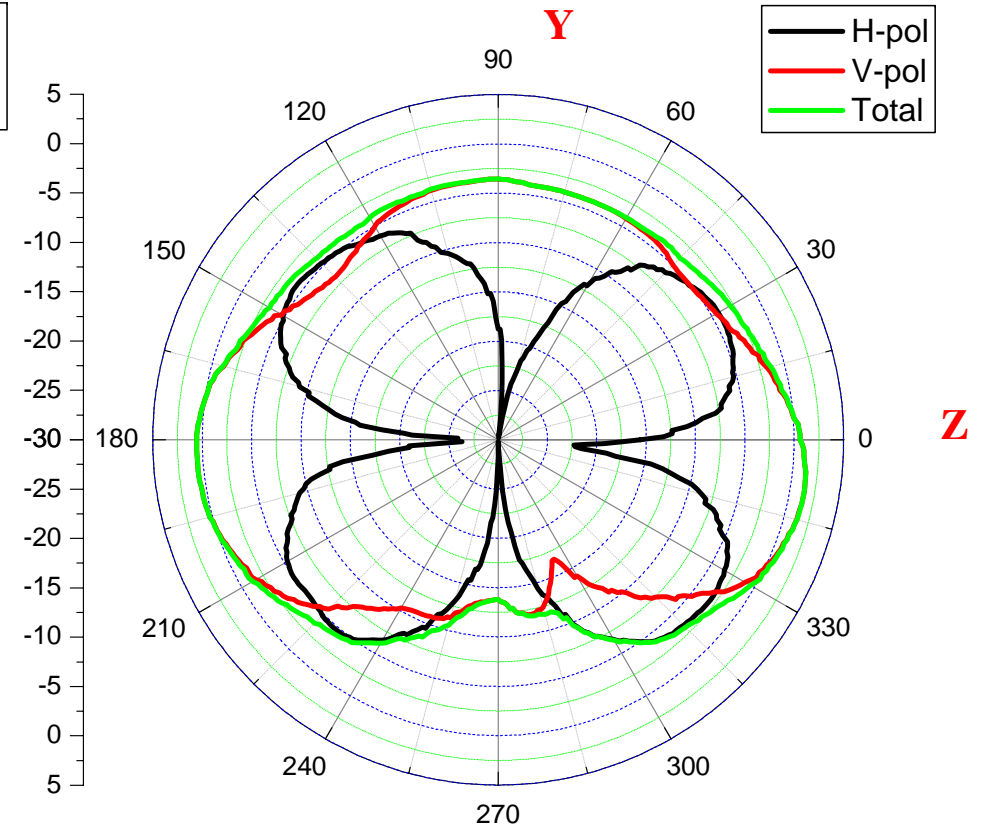
The measured pattern of _ant1

2.4GHz



Phi=0

Peak gain:3.8dBi

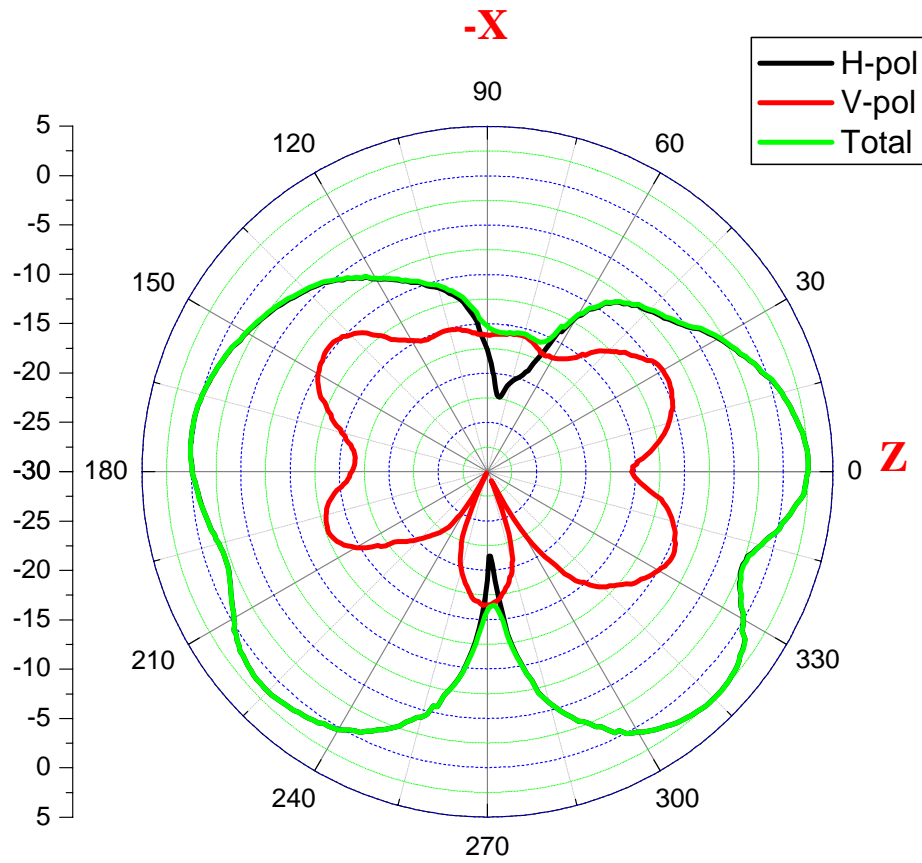


Phi=90

Peak gain:1.43dBi

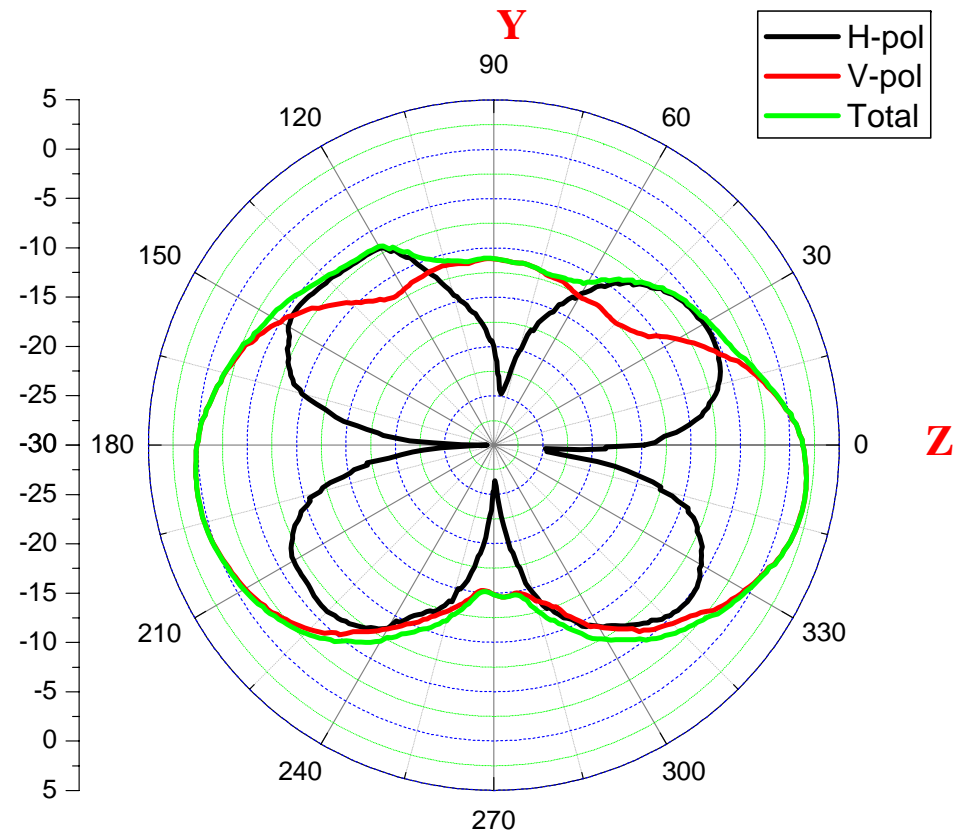
The measured pattern of _ant2

2.45GHz



Phi=0

Peak gain:2.5dBi

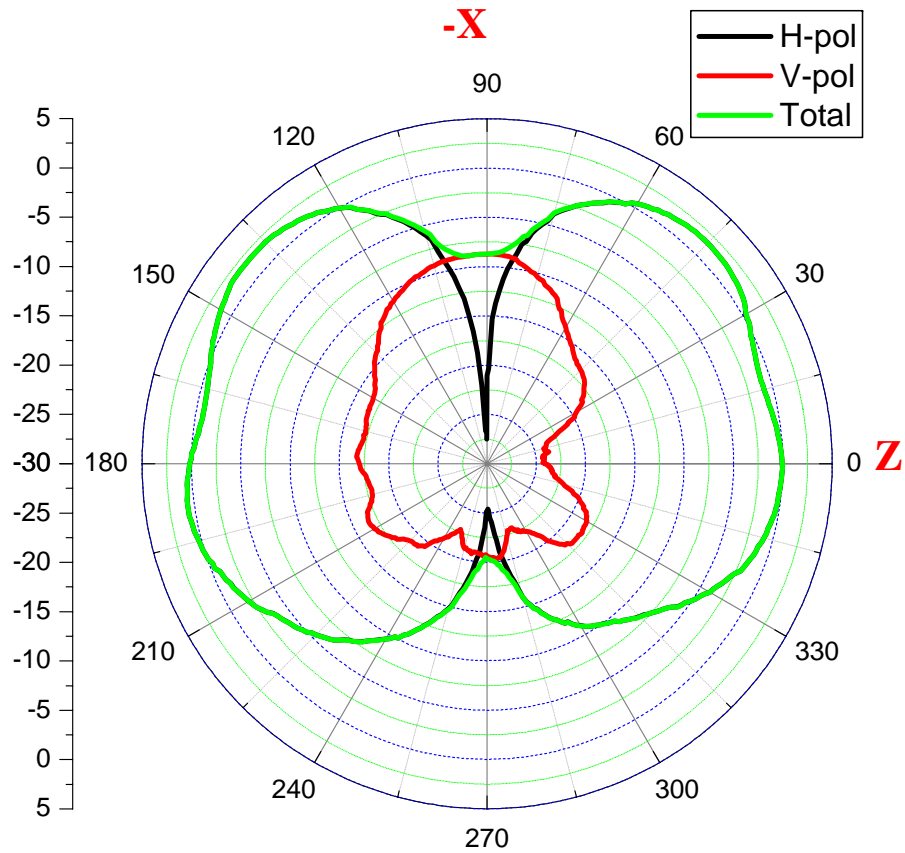


Phi=90

Peak gain:1.95dBi

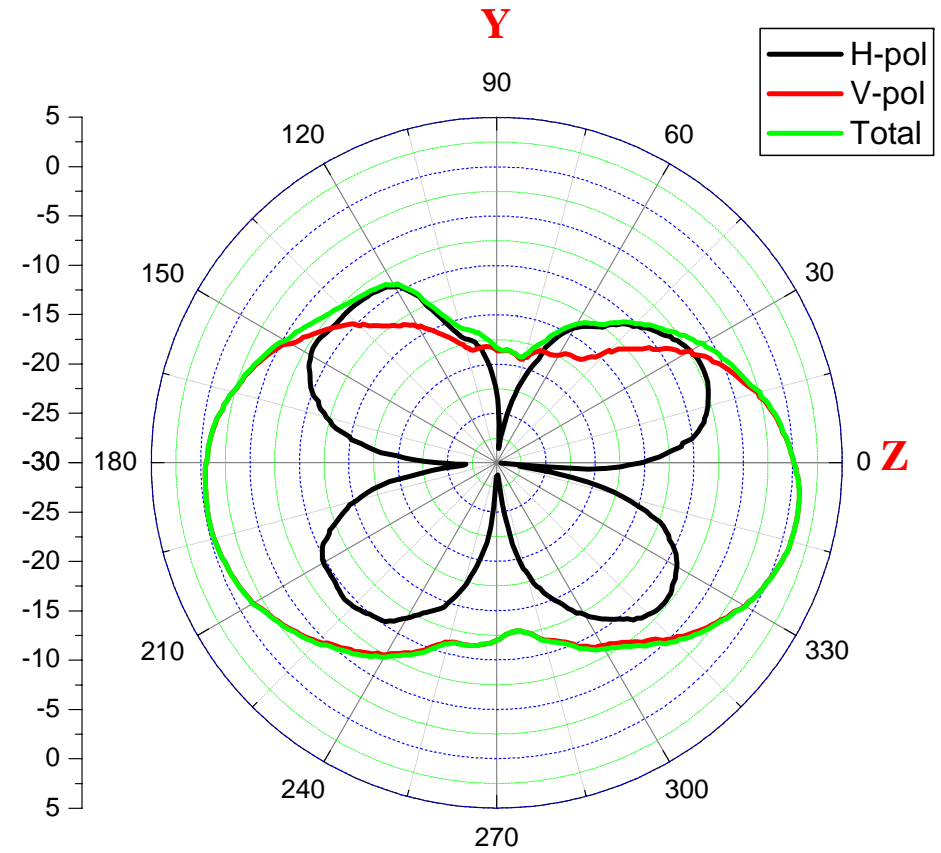
The measured pattern of _ant2

2.5GHz



Phi=0

Peak gain:1.8dBi

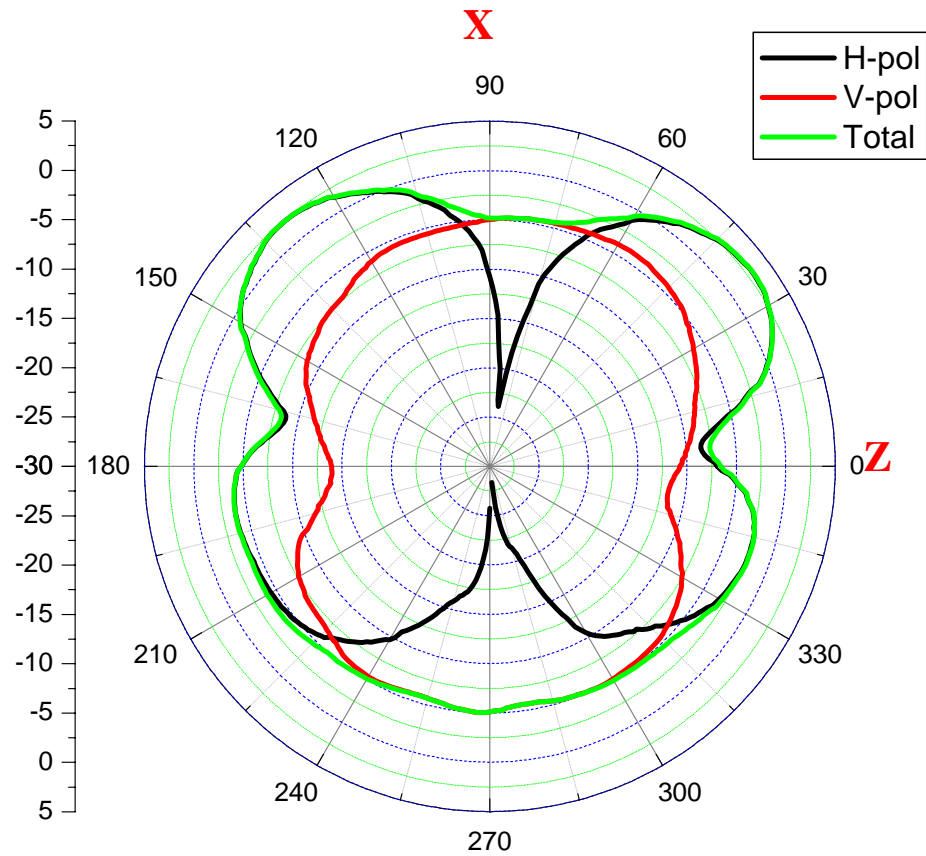


Phi=90

Peak gain:1dBi

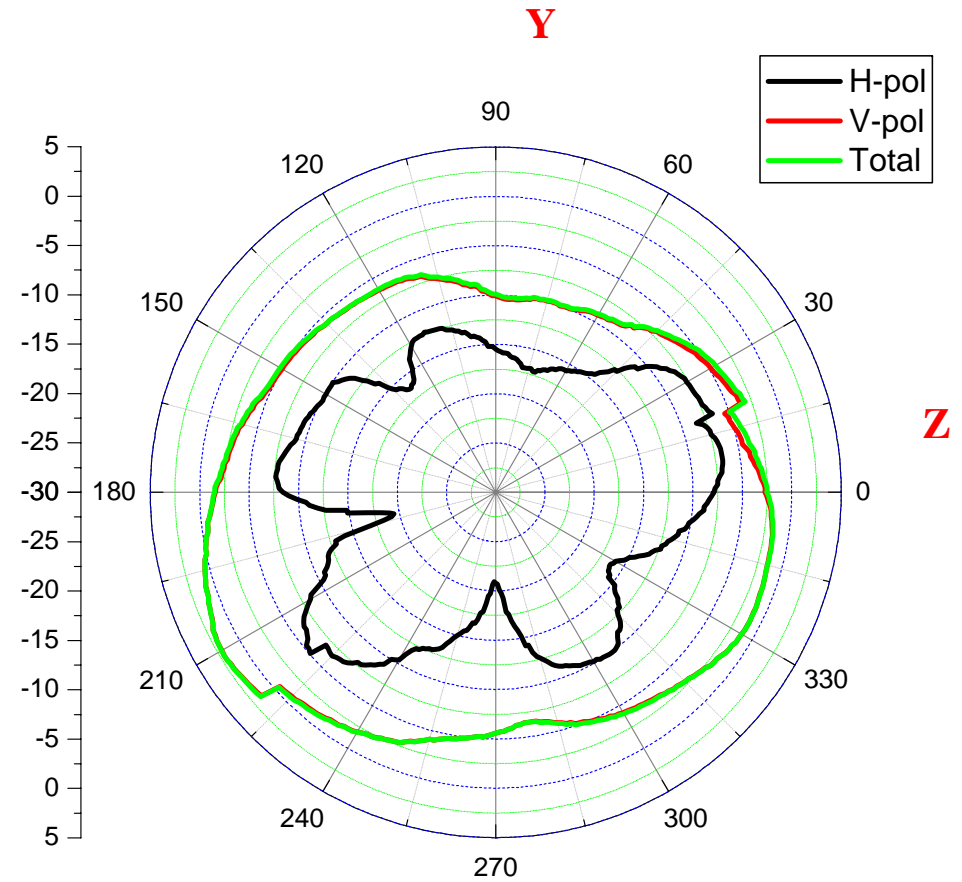
The measured pattern of _ant2

2.4GHz



Phi=0

Peak gain:3.1dBi

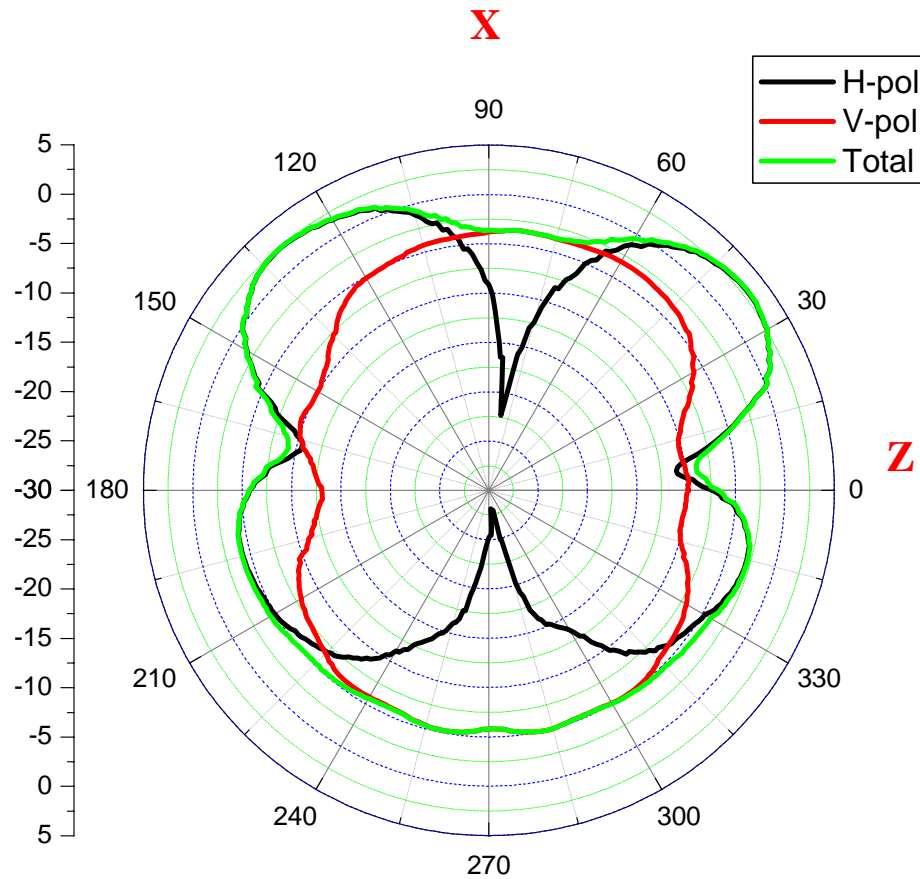


Phi=90

Peak gain:1.12dBi

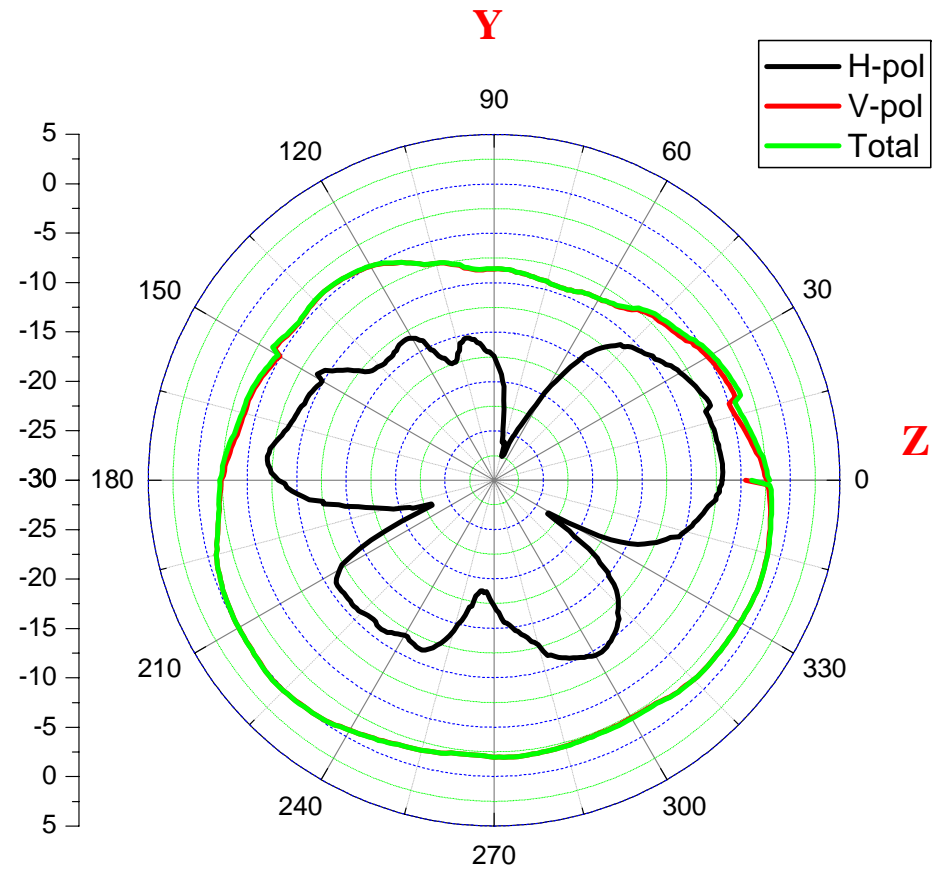
The measured pattern of _ant3

2.45GHz



Phi=0

Peak gain:3.1dBi

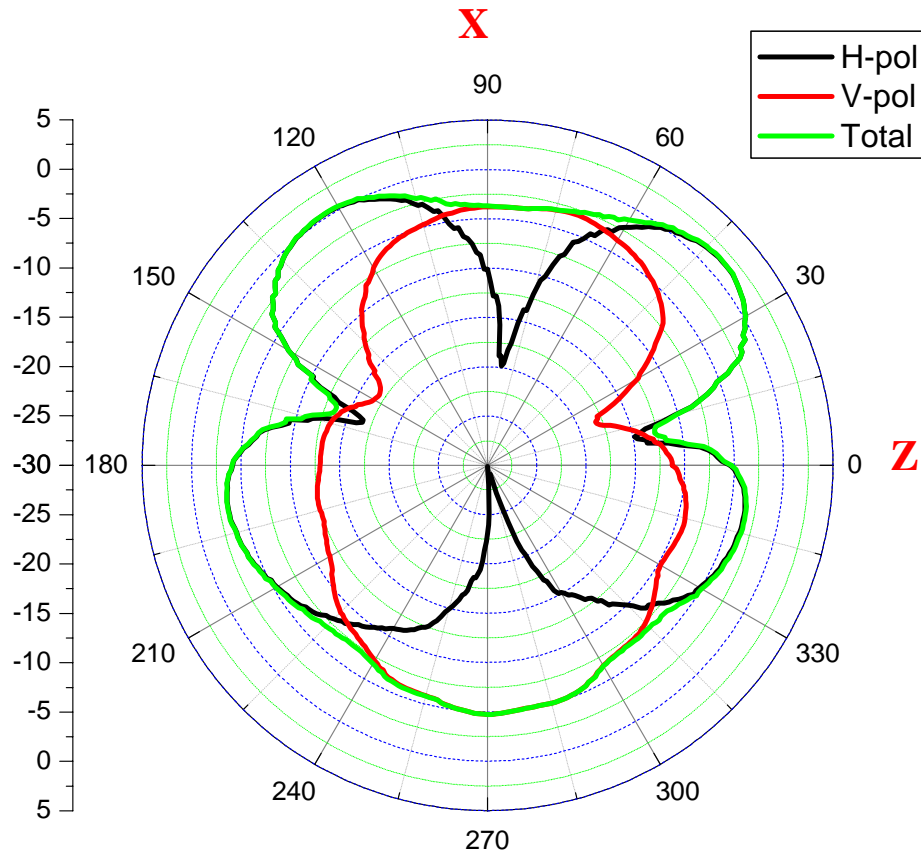


Phi=90

Peak gain:0.56dBi

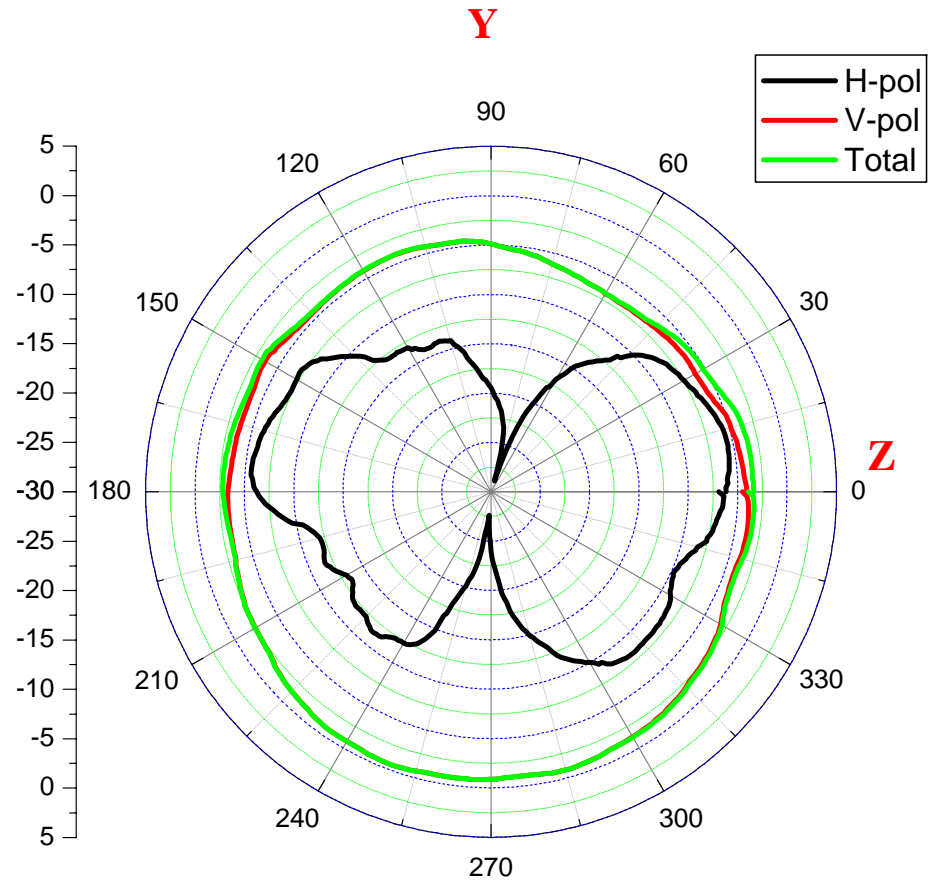
The measured pattern of _ant3

2.5GHz



Phi=0

Peak gain: 1.6dBi



Phi=90

Peak gain: -1dBi

The measured pattern of _ant3