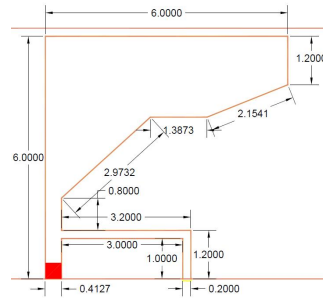
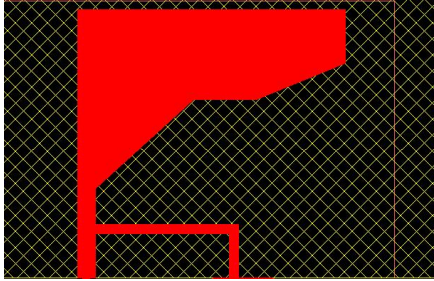


U442A IA9QE5 Module ANT SPEC



Type: PCB On Board ANT

Length: 6.0mm

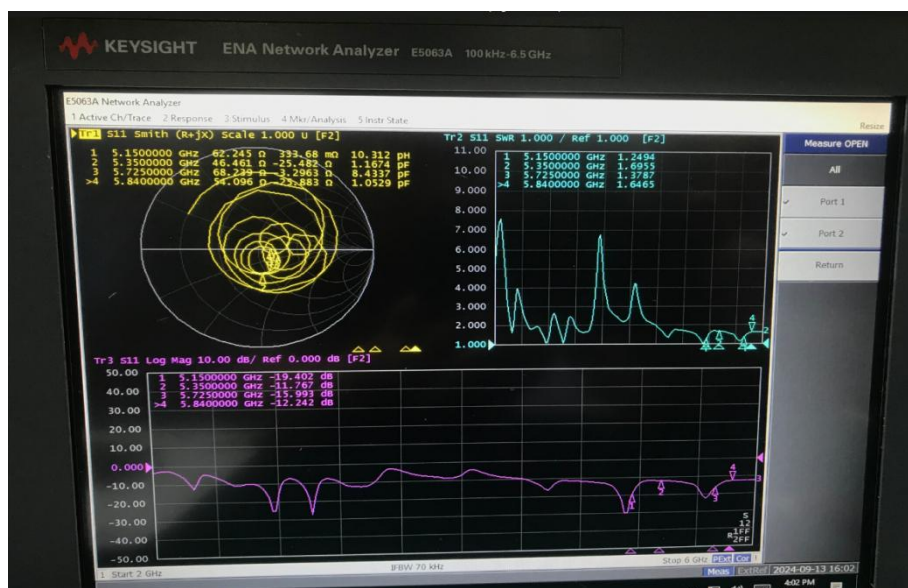
Width: 1.2mm

Technology: FR4,ENIG

Manufacturer of Antenna: Syncomm Technology Corp.

Address of antenna manufacturer: 10F., No. 101, Sec. 2, Gongdao 5th Rd.,
East Dist., Hsinchu City, Taiwan, R.O.C.

IA9QE5 ANT SWR & Return Loss

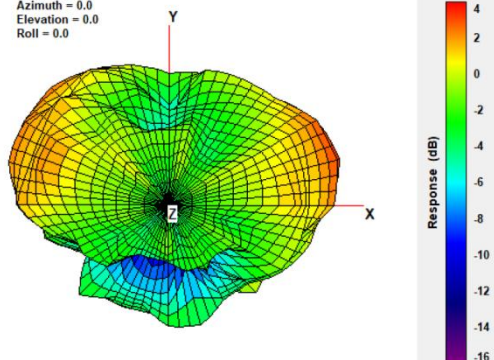


Efficiency & Gain

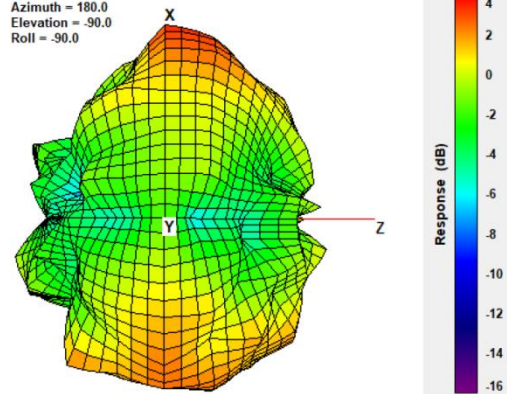
Frequency	Efficiency	Gain
(MHz)	(%)	(dBi)
5135 MHz	38.86	2.89
5190 MHz	37.38	2.71
5250 MHz	38.61	2.92
5725 MHz	40.15	3.0
5790 MHz	38.72	2.84
5850 MHz	36.24	2.78

Frequency: 5800 MHz

Azimuth = 0.0
Elevation = 0.0
Roll = 0.0



Azimuth = 180.0
Elevation = -90.0
Roll = -90.0



Azimuth = 90.0
Elevation = 0.0
Roll = -90.0

