

Antenna description

PCB Antenna

Model:	ElliQ NU310
Frequency range:	2400-2500MHz
Peak Gain:	2.7dBi
Manufacturer:	Intuition Robotics
Address:	Tuval St 40, Ramat Gan, 5252247 Israel

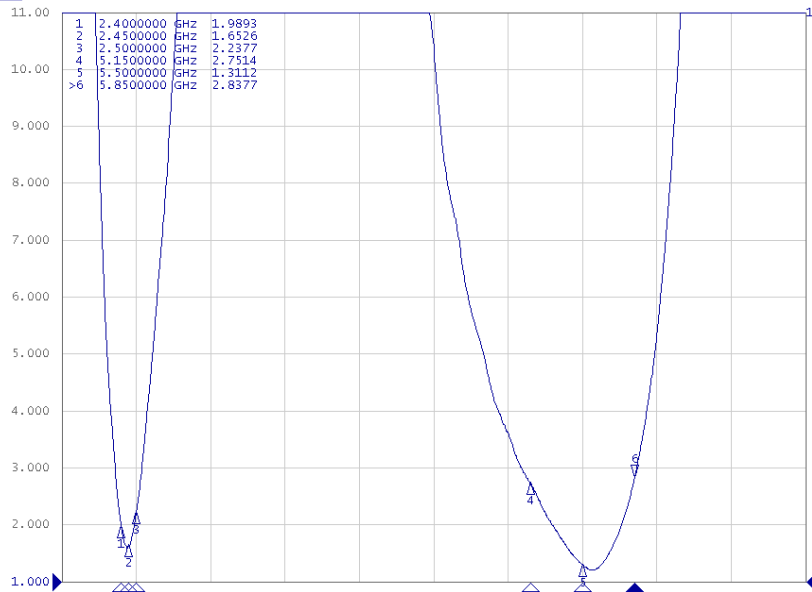
1 Physical Dimension :



2 Electrical Characteristics :

VSWR

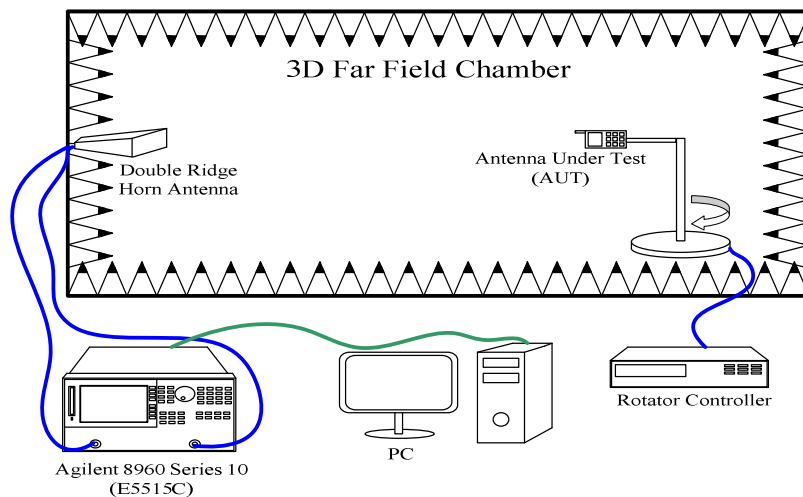
Tr1 S22 SWR 1.000/ Ref 1.000 [F1 D/M]



Frequency (MHz)	VSWR
2400	2.0
2450	1.7
2500	2.2
5150	2.8
5500	1.3
5850	2.8

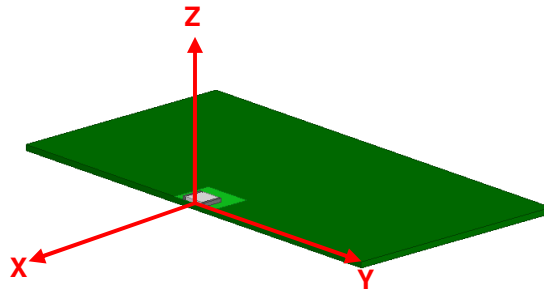
Radiation Pattern

The Gain pattern is measured in INPAQ's FAR-field chamber. DUT is placed on the table of rotator, a standard horn antenna and Vector Network Analyzer is used to collect data.

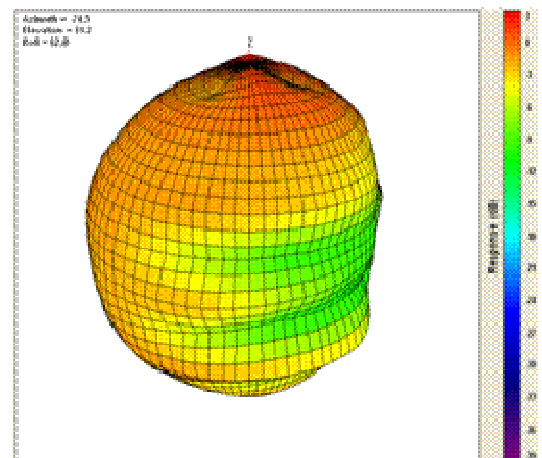
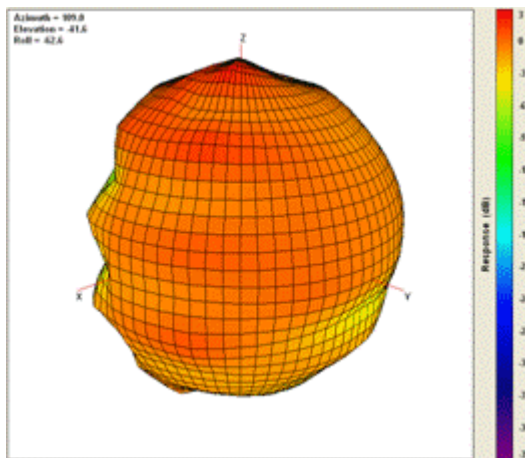


3D Chamber Definition

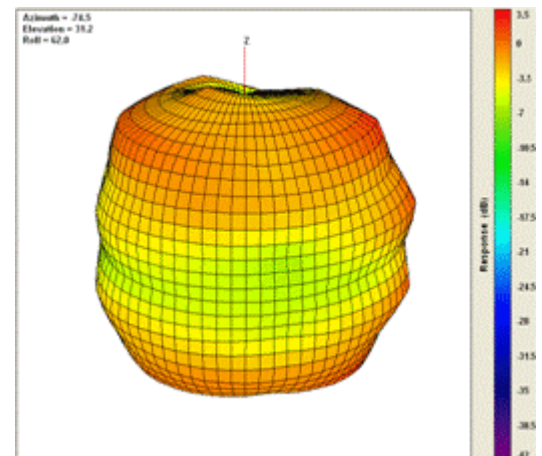
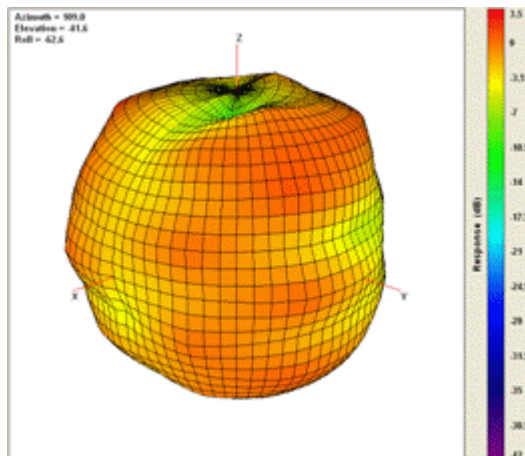
3 3D Gain Pattern



2450 MHz

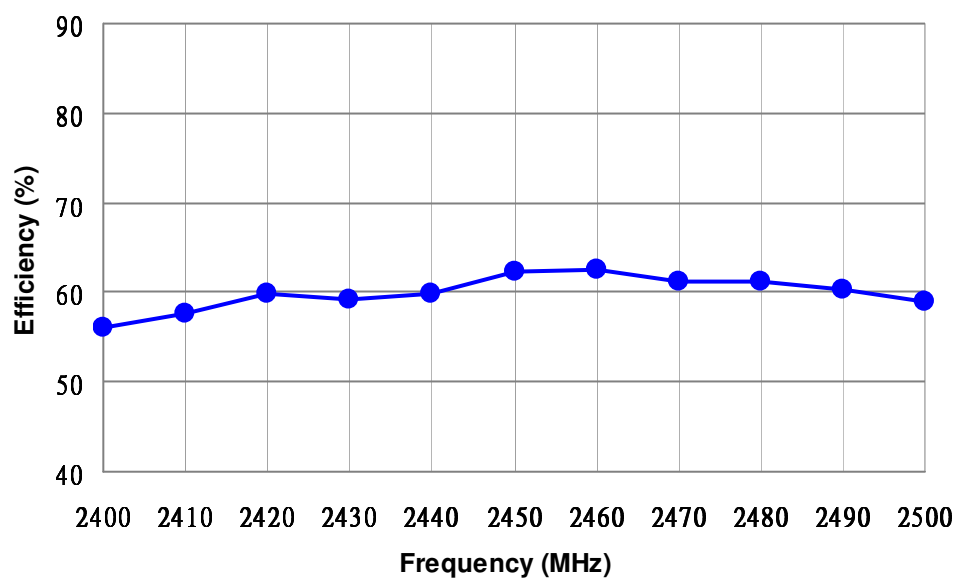


5500 MHz



4 Efficiency

2.4 GHz



5 GHz

