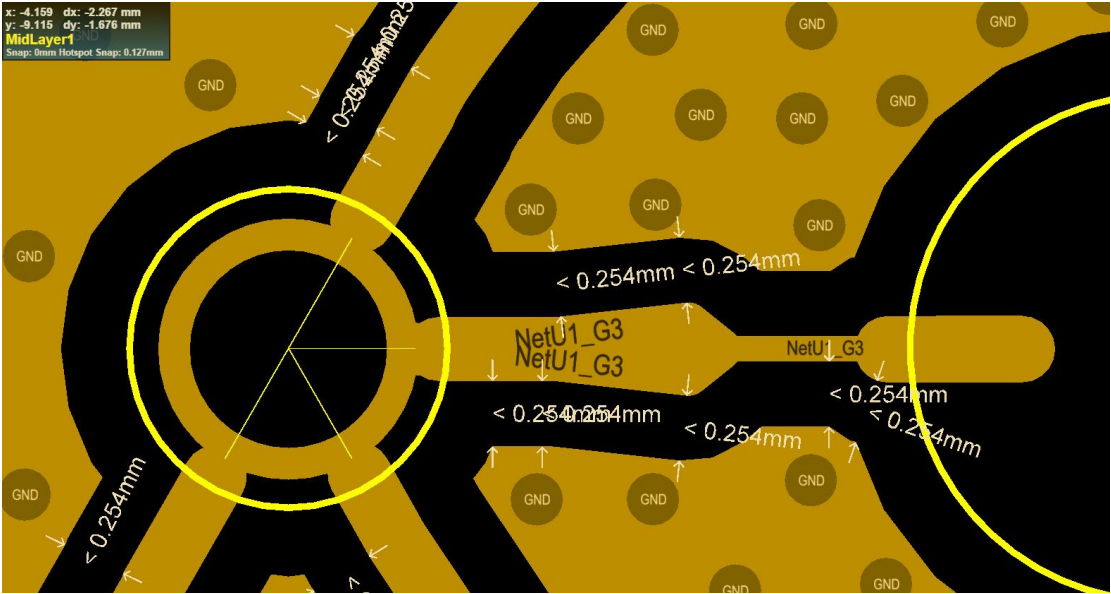


Antenna Specification

application model certified by	
frequency range (GHz)	76-81
beam angle (°)	6.5
ant.port input pwr(dBm)	10
tot.rad.pwr(dBm)	7.5
peak eirp(dBm)	35
directivity(dBi)	30
efficiency (dB)	-2.5
gain (dBi)	27.5
max power xy	-3.4
min power xy	-19.9
avg power xy	-10.1
Maximum side lobe level > 60° (dB)	-38.5
input impedance(ohm)	50
polarization type	linear polarization
vswr	<3
Antenna type	PCB
Antenna manufacturer	Shenzhen Jialichuang Technology Group Co., Ltd
Manufacturer Address	27th Floor, Olympic Building, No. 2 Shangbao Road, Futian District, Shenzhen

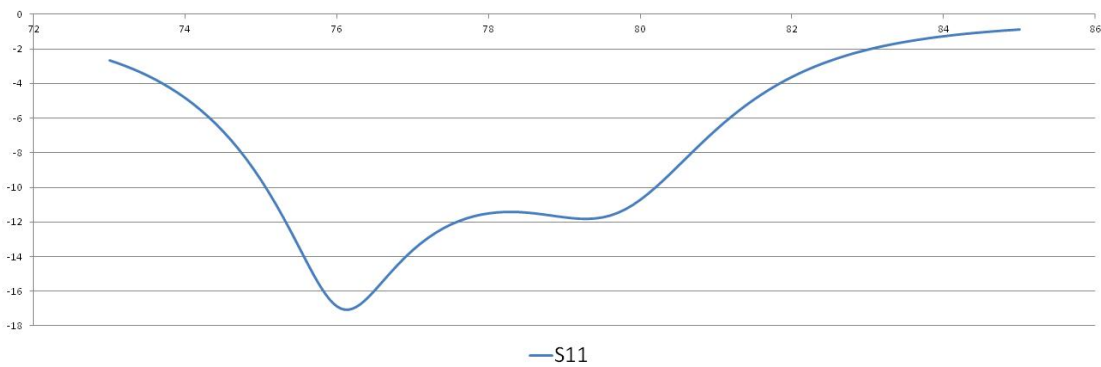
Antenna Size



Gain table

Frequency @77GHz	xy (dbi)		xz (dbi)		yz (dbi)		eff. (db)
	peak	Avg	peak	Avg	peak	Avg	
	-3.4	-10.1	27.5	-6.3	27.5	-4.5	

Return Loss



3D radiation Pattern Diagram

Scale division for angles 10 degrees, -60° and 60° color marked

