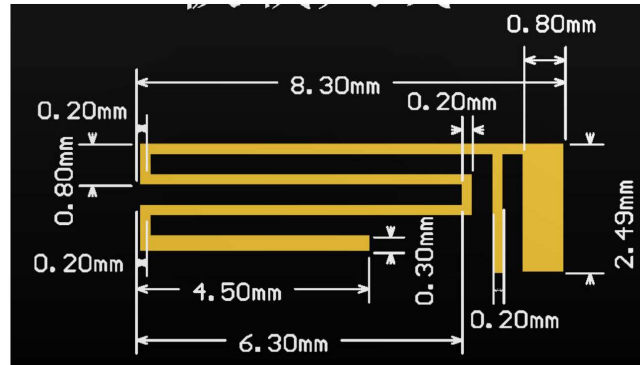


Test Company	Yichip Microelectronics(Hangzhou) Co., Ltd.
Test Address	Room 401. building 15. 498 Shou Shou Jing Road, Pudong New Area, Shanghai
Test Date	2016/12/25
Test Instrument	Agilent 8753ES

Nano Dongle PIFA antenna design specification:

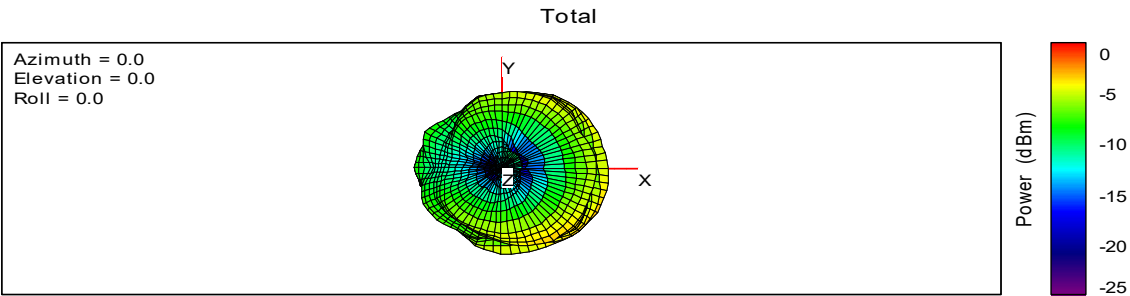
Antenna dimensions as blow picture show: the material is FR4 and the thickness is 0.6mm of PCB.



Gian and Efficiency

Frequency (MHz)	Efficiency(%)	Gain(dBi)
2300	13.17	-1.57
2320	19.08	-0.76
2340	22.65	-0.41
2360	22.62	-0.12
2380	18.03	-0.42
2400	14.86	-0.93
2420	12.54	-1.17
2440	9.92	-2.03
2460	7.46	-2.47
2480	6.11	-2.98
2500	5.39	-3.83

3D and 1D Radiation Patterns



Max: -2
Min: -16
Scale: 2/div

