

深圳得辉达智能科技有限公司

Shenzhen Dehuida Intelligent Technology Co., Ltd

Model of prototype: Jolie T2

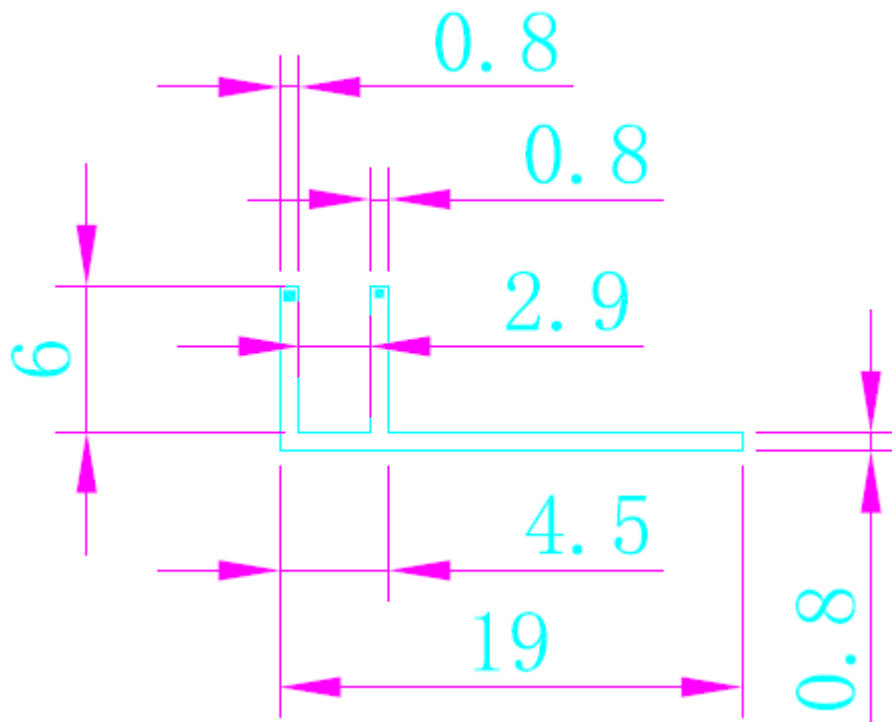
Supplierspecifications: 2.4G BT antenna

Supplier model: Jolie T2-PCB-ANT1

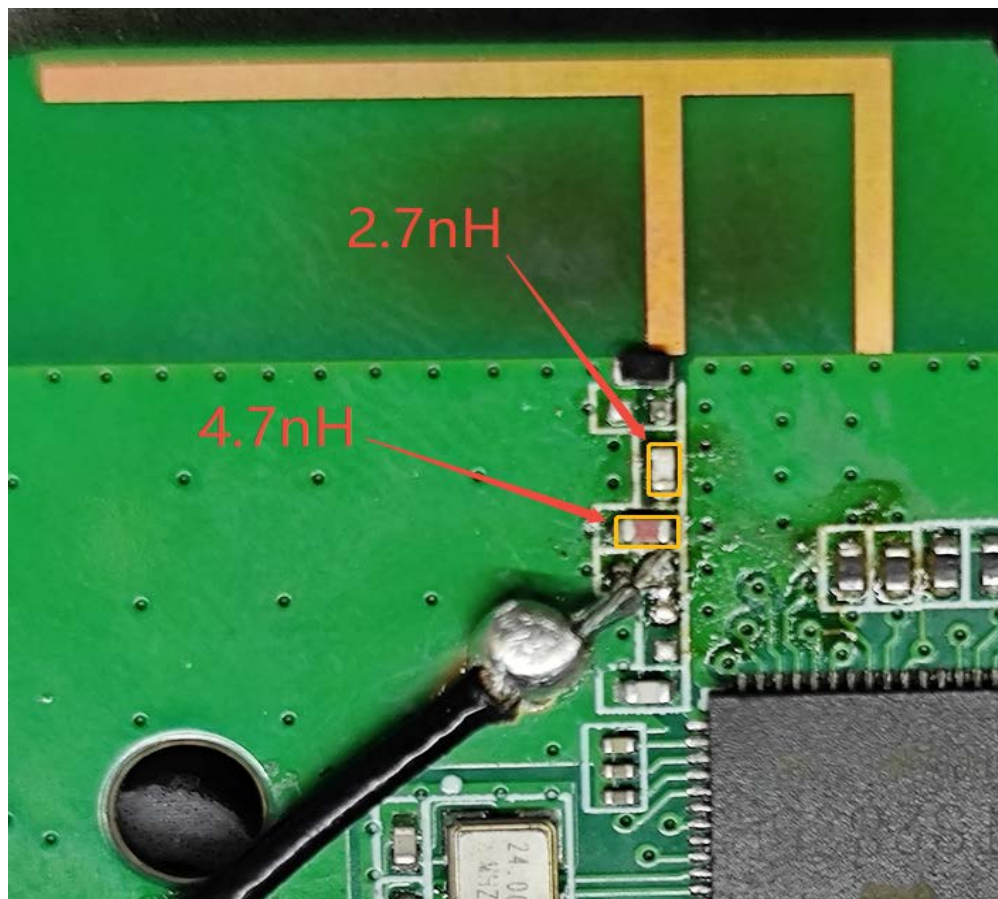
Antenna type: PCB Antenna

1.Antenna specifications and model

Antenna specifications

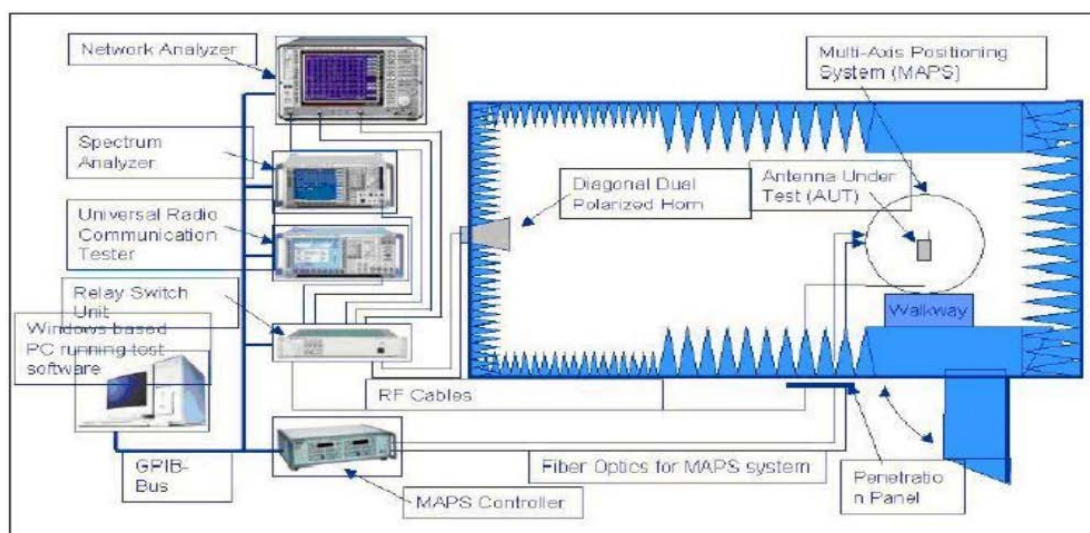


Supplier model

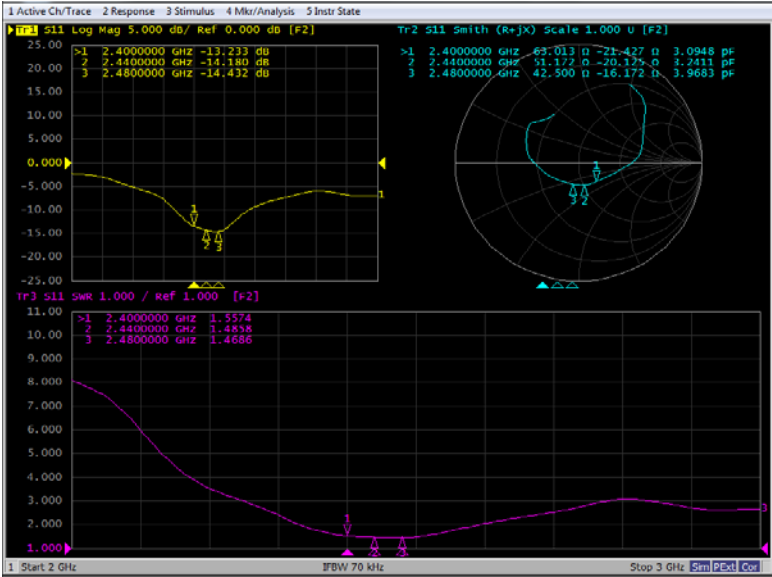


2. OTA test macro

1. Test instrument and environment: CTIA 743 darkroom, 8960 / 5515c, the mobile phone is placed back to the turntable 4 meters away from the standard horn antenna:



3. Antenna passive data S11, ReturnLoss, Smith

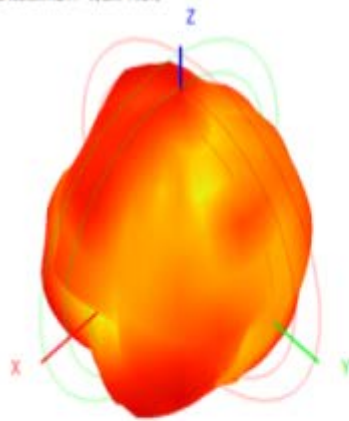


4. Gain of efficiency:

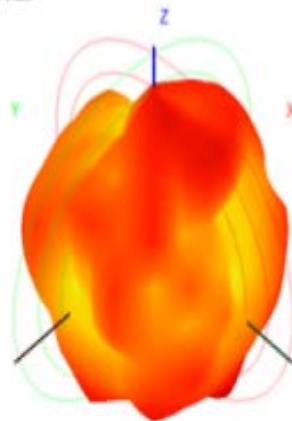
Jolie T2 无源 OTA PCB 天线	Frequency (MHz)	Efficiency (%)	Gain (dBi)
	2400	44.65	3.20
	2410	45.12	3.21
	2420	44.08	3.04
	2430	42.63	2.86
	2440	41.69	2.71
	2450	41.26	2.58
	2460	40.49	2.63
	2470	40.72	2.77
	2480	41.23	2.87
	2490	41.42	2.93
	2500	43.05	2.95

5. 3D antenna diagram

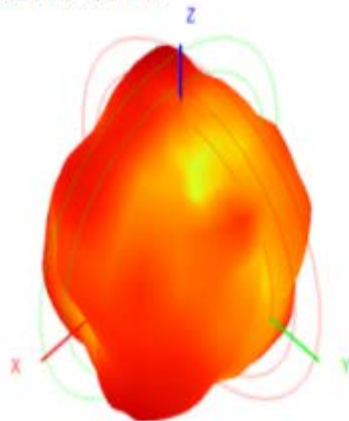
2400.0MHz H+V, Eff: 44.6%



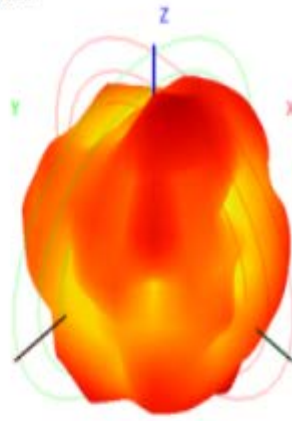
Back View



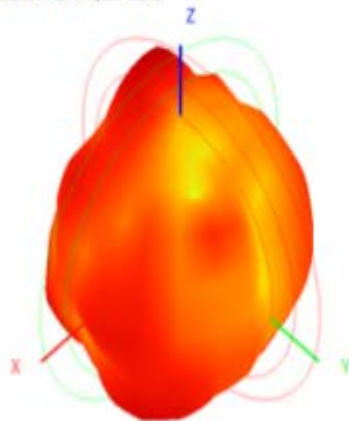
2480.0MHz H+V, Eff: 41.7%



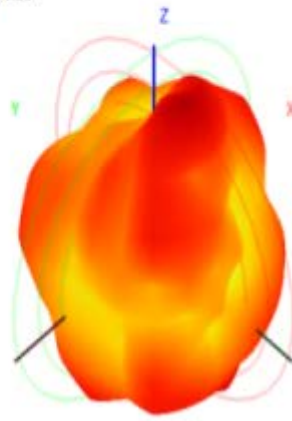
Back View



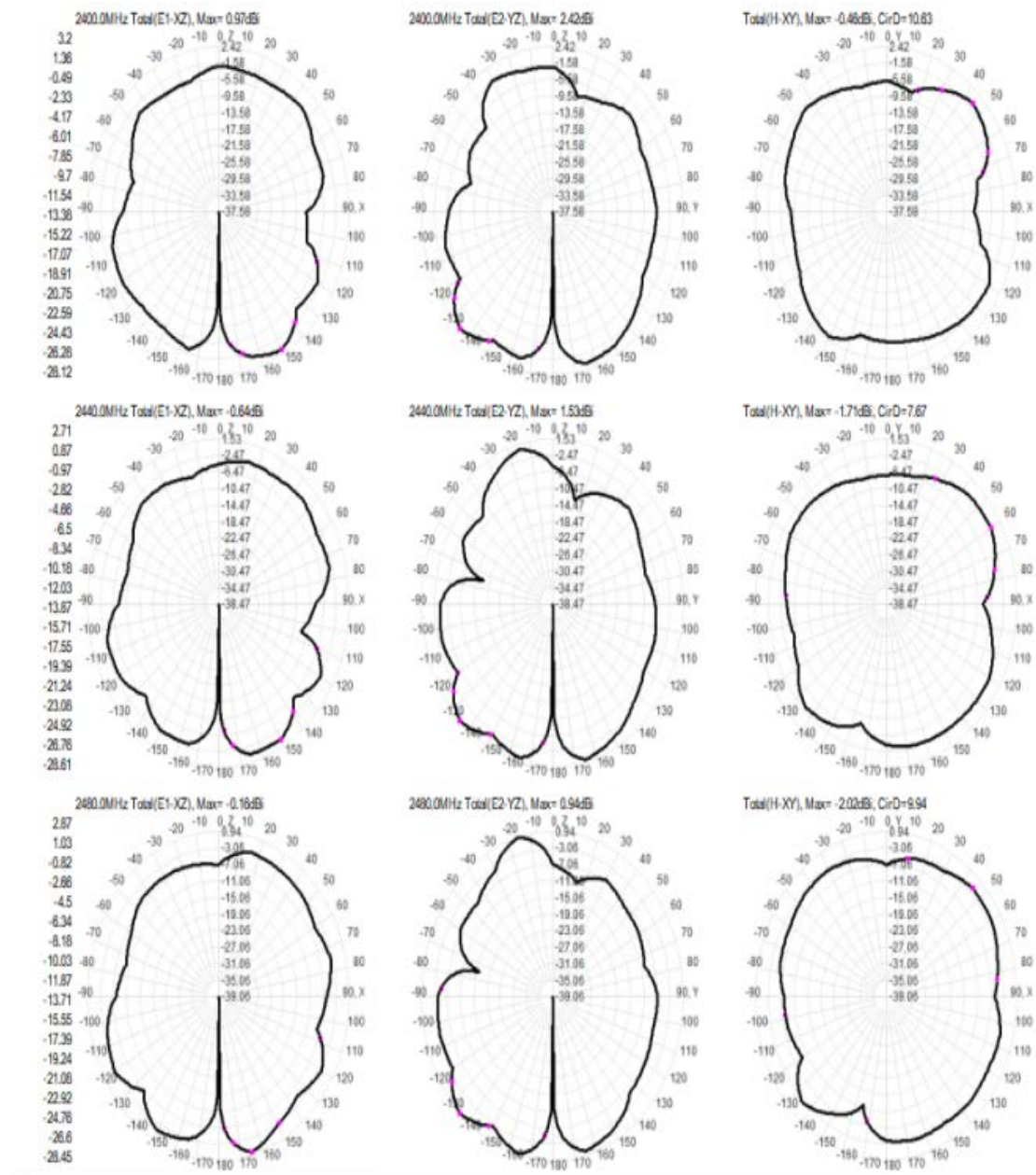
2480.0MHz H+V, Eff: 41.2%



Back View



6. 2D antenna diagram



7. Antenna drawing:

