

深圳得辉达智能科技有限公司

Shenzhen Dehuida Intelligent Technology Co., Ltd

Model of prototype: Jolie T3

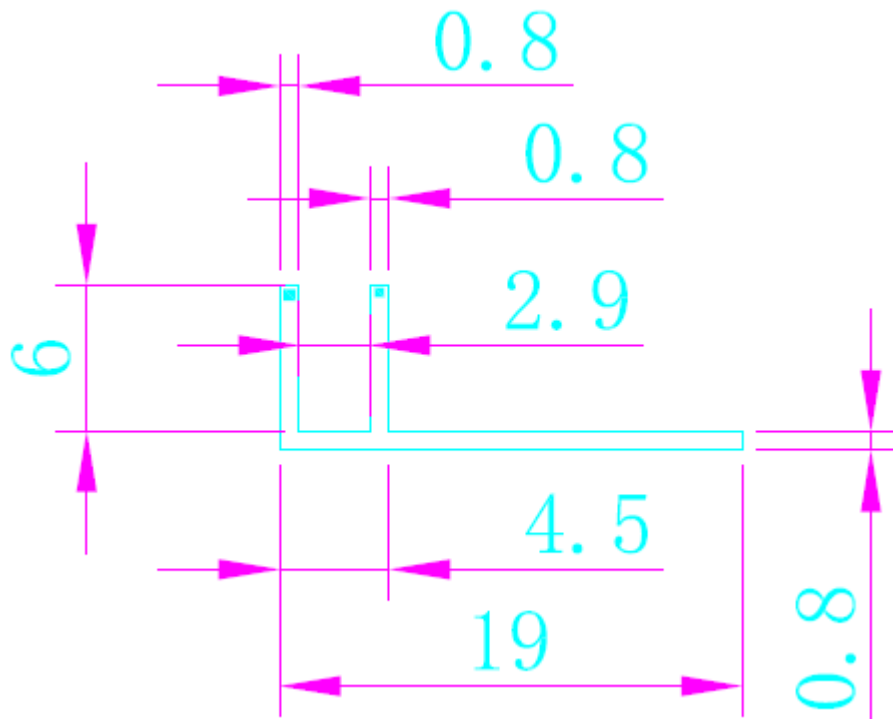
Supplierspecifications: 2.4G BT antenna

Supplier model: Jolie T3-PCB-ANT1

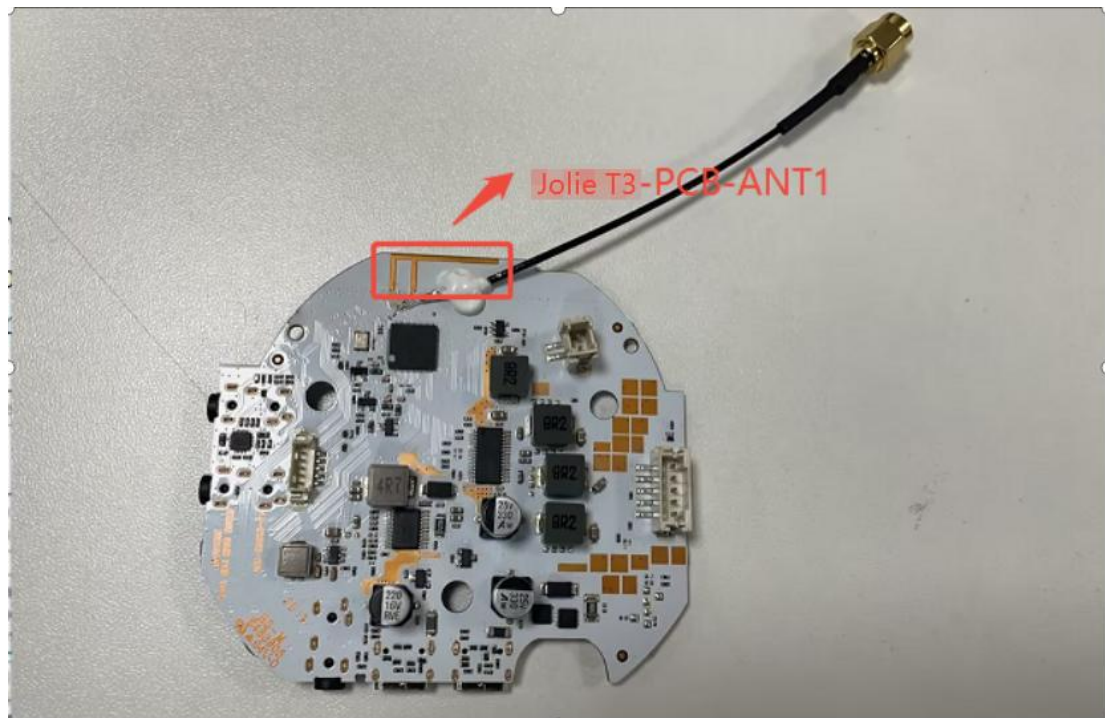
Antenna type: PCB Antenna

1.Antenna specifications and model

Antenna specifications

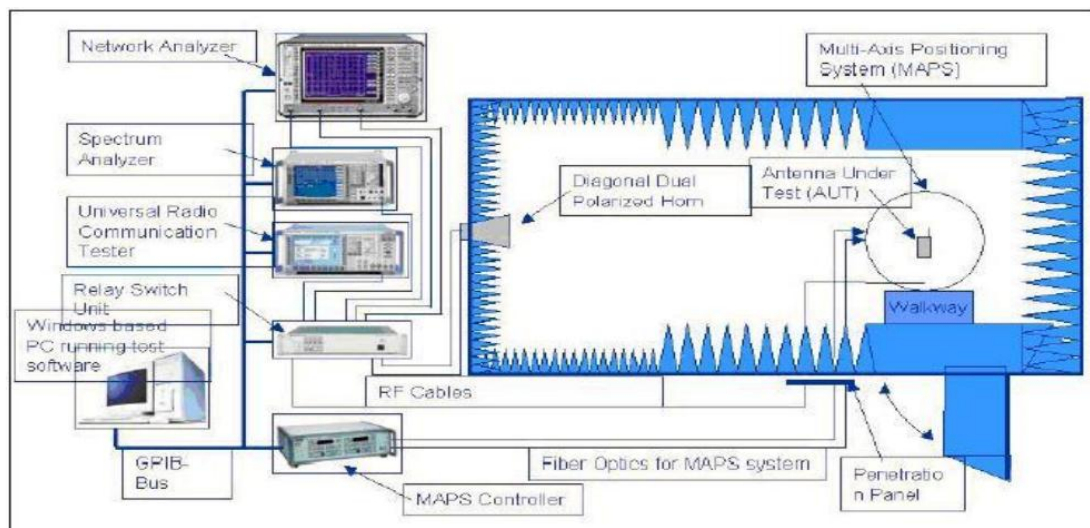


Supplier model

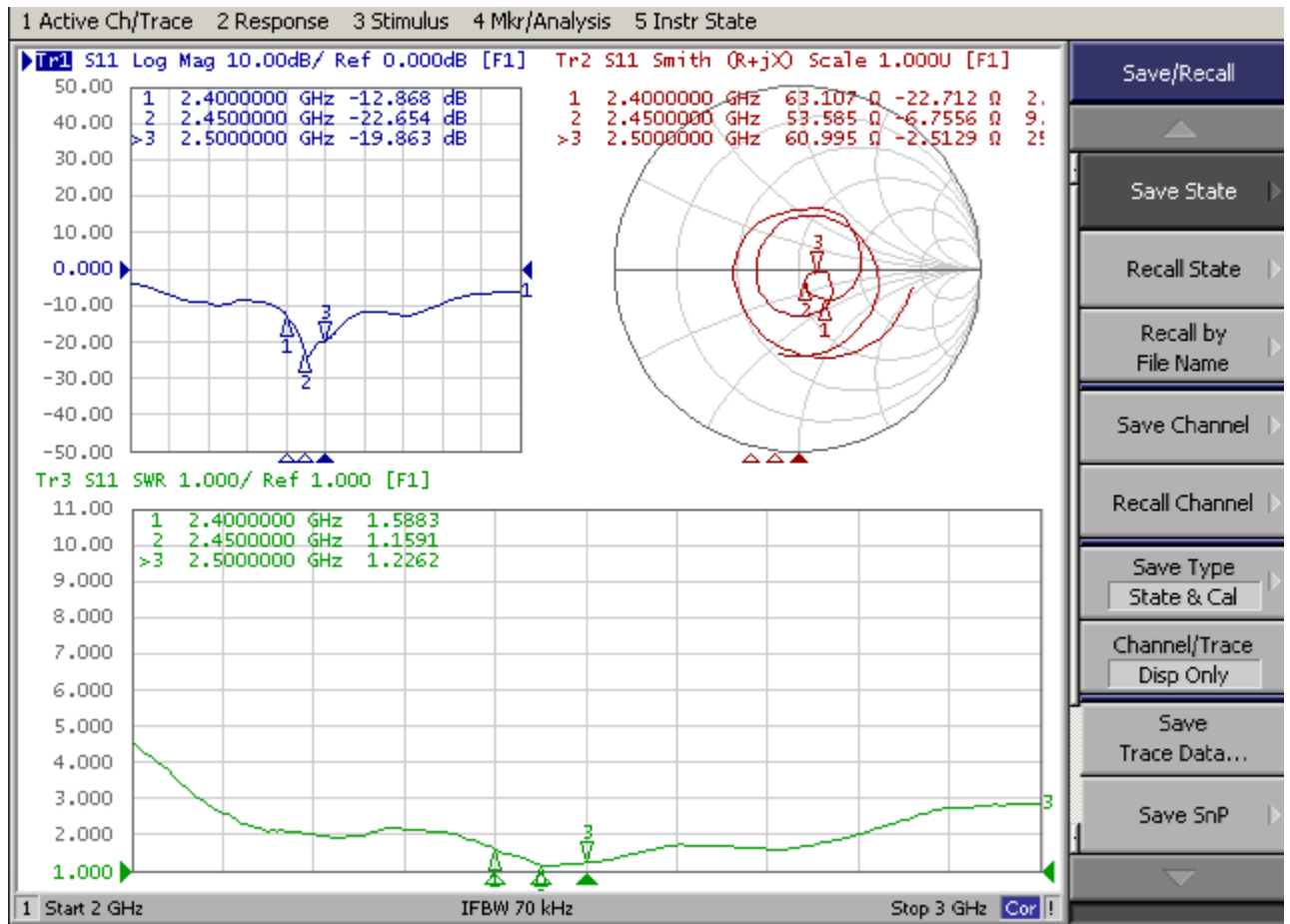


2. OTA test macro

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



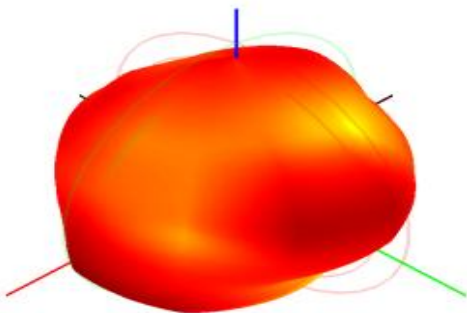
4. Gain of efficiency:

G2502 无源 OTA PCB 天线	Frequency (MHz)	Efficiency (%)	Efficiency (dBi)	Gain (dBi)
	2400	43.50	-3.35	1.39
	2410	43.25	-3.42	1.35
	2420	43.29	-3.41	1.41
	2430	42.98	-3.56	1.52
	2440	42.90	-3.46	1.68
	2450	42.69	-3.46	1.62
	2460	42.95	-3.51	1.55

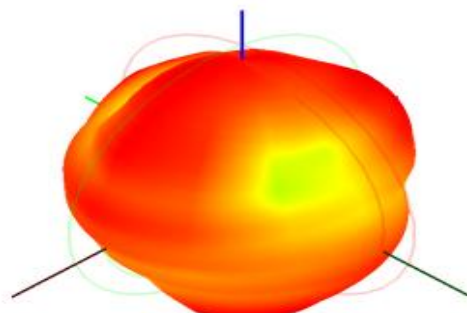
	2470	42.56	-3.52	1.35
	2480	42.50	-3.54	1.36
	2490	42.64	-3.65	1.36
	2500	41.96	-3.72	1.33

5. 3D antenna diagram

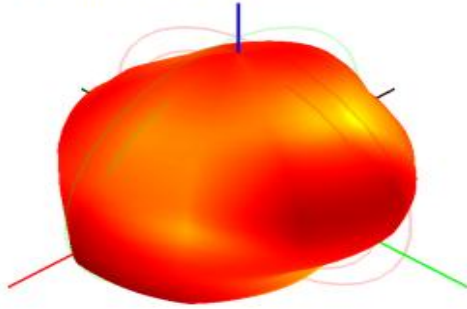
2400.0MHz H+V, Eff: 43.5%



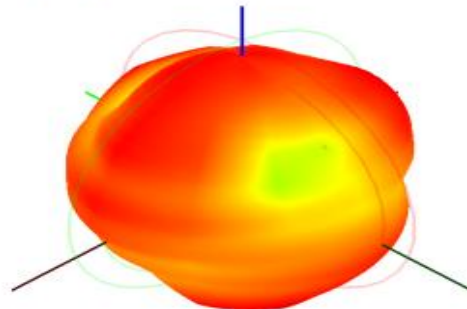
Back View



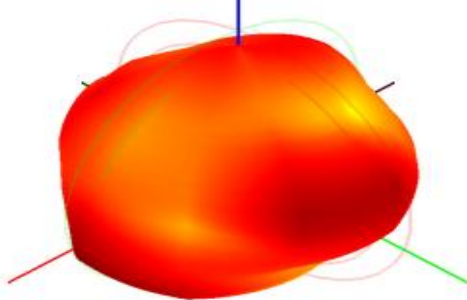
2440.0MHz H+V, Eff: 42.9%



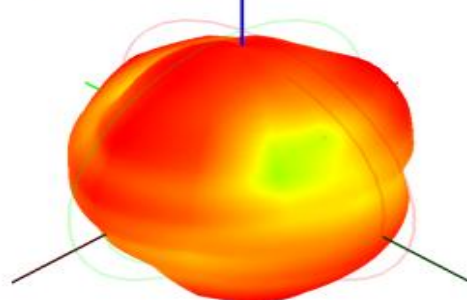
Back View



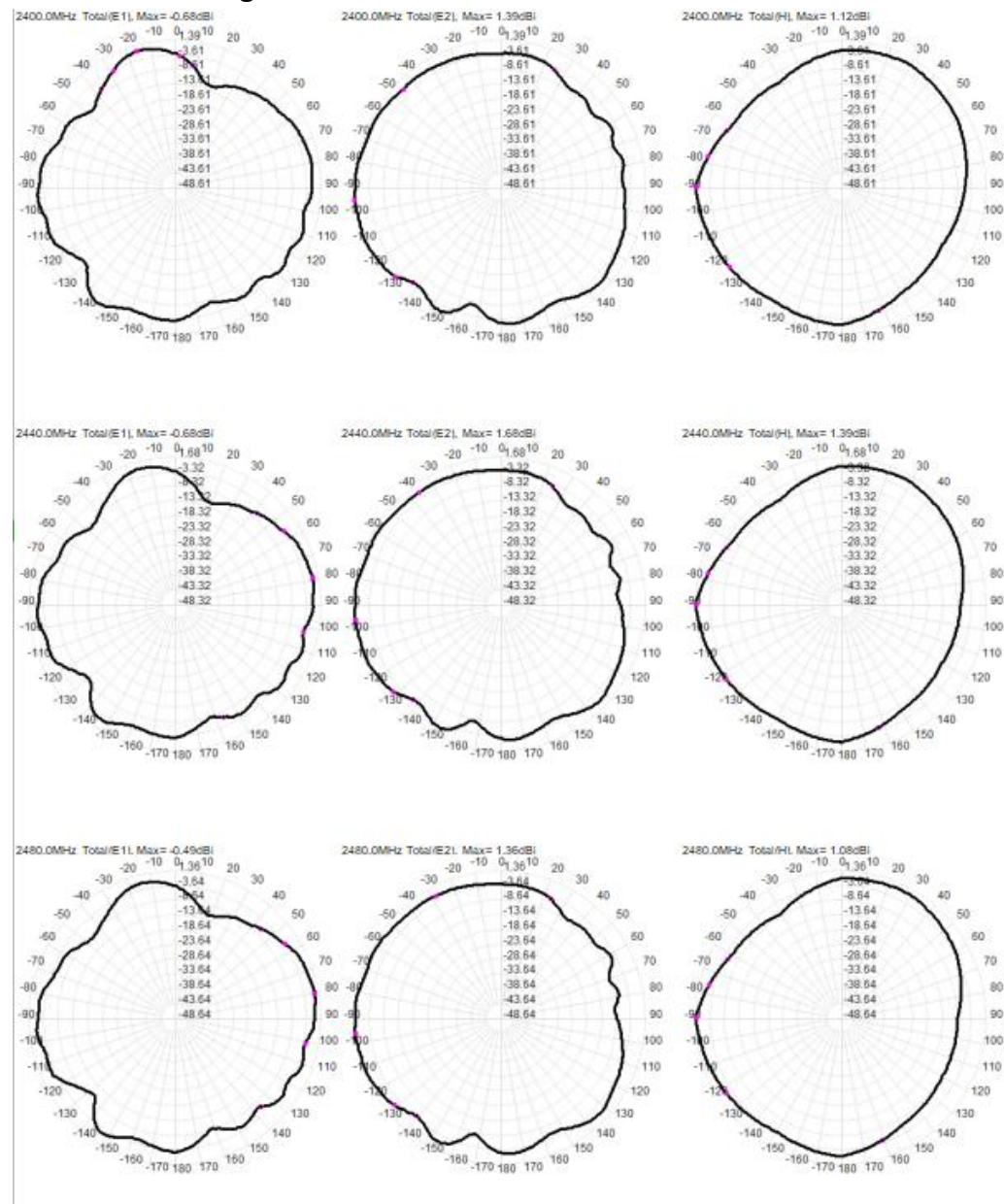
2480.0MHz H+V, Eff: 42.5%



Back View



6. 2D antenna diagram



7. Antenna drawing:

