

深圳得辉达智能科技有限公司

Shenzhen Dehuida Intelligent Technology Co., Ltd

Model of prototype: BM1036

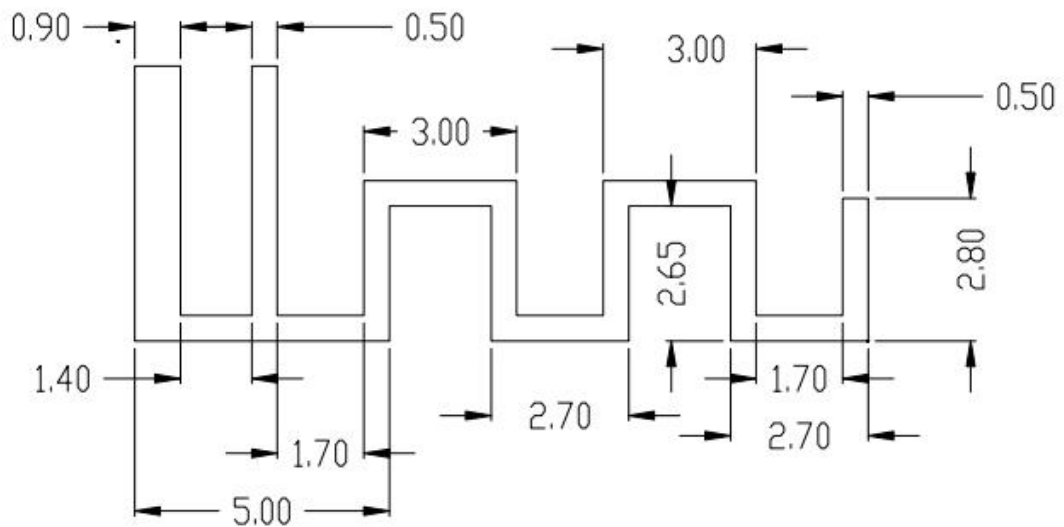
Supplier specifications: 2.4G BT antenna

Supplier model: FIT-BM1036-A1

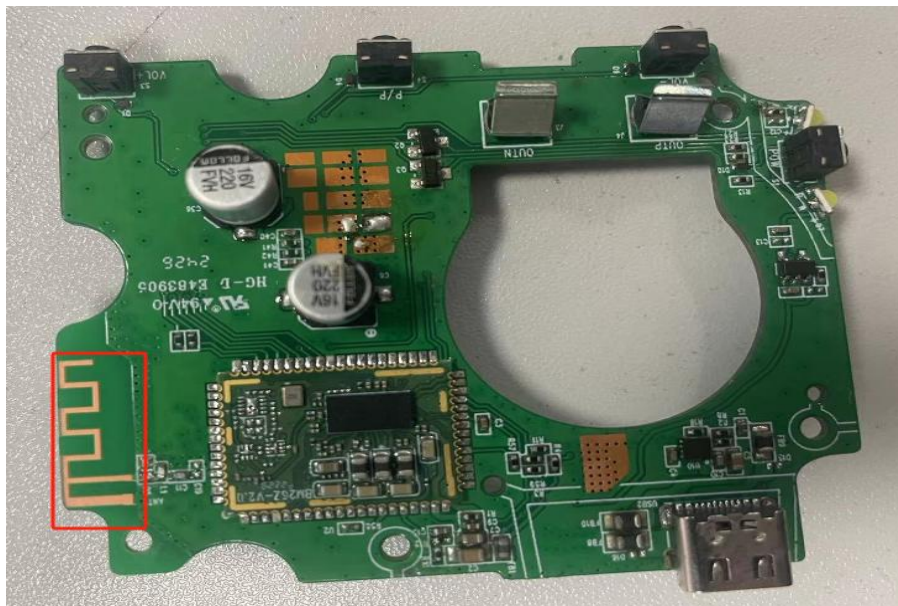
Antenna type: PCB Antenna

1. Antenna specifications and model

Antenna specifications

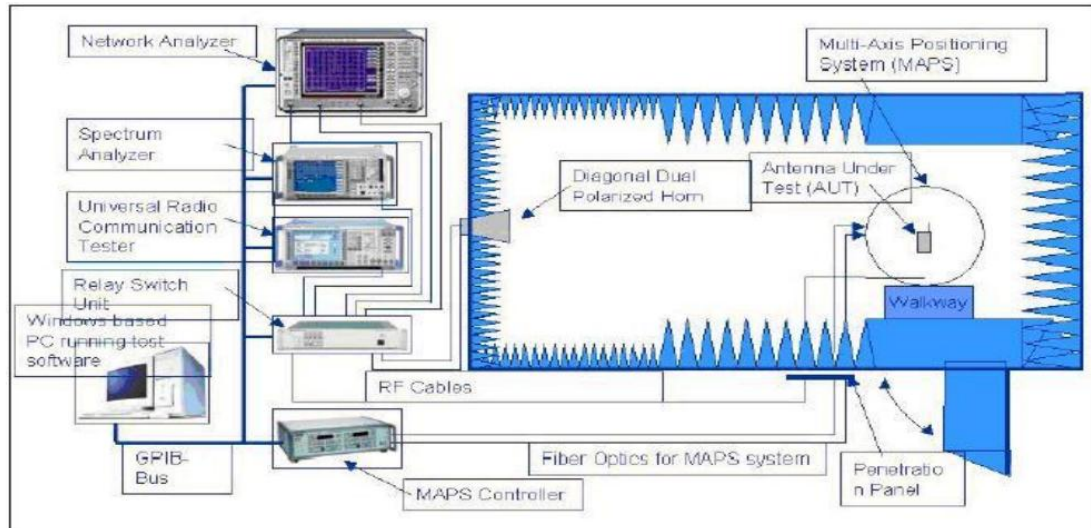


Supplier model

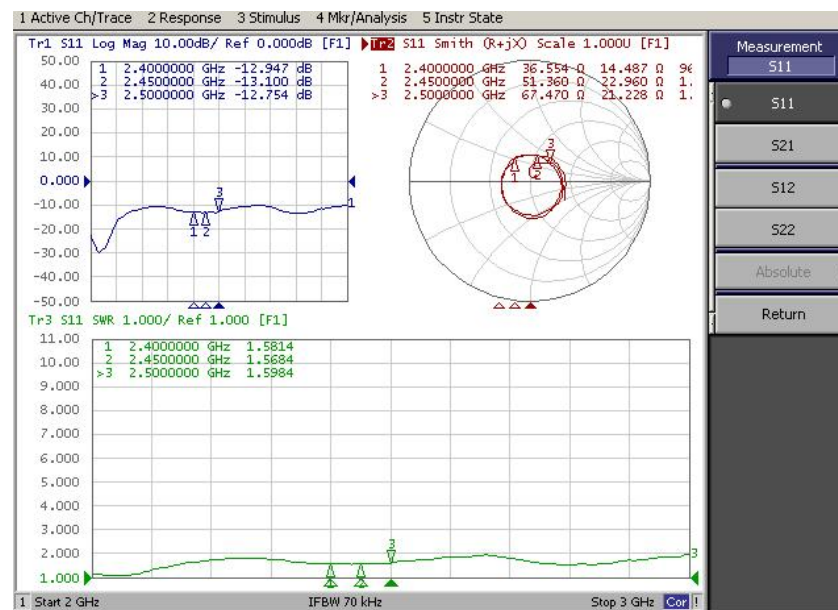


2. OTA test macro

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:



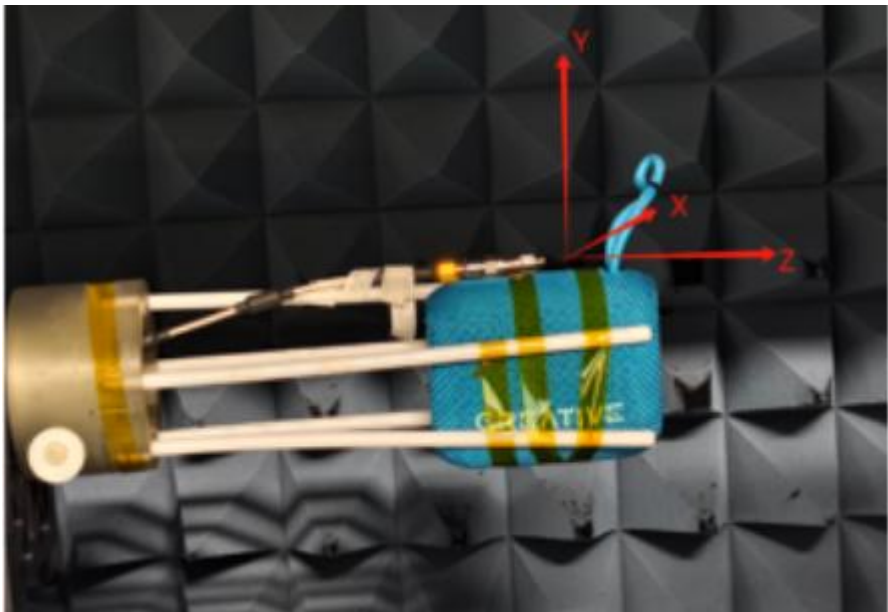
3. Antenna passive data S11, ReturnLoss Smith

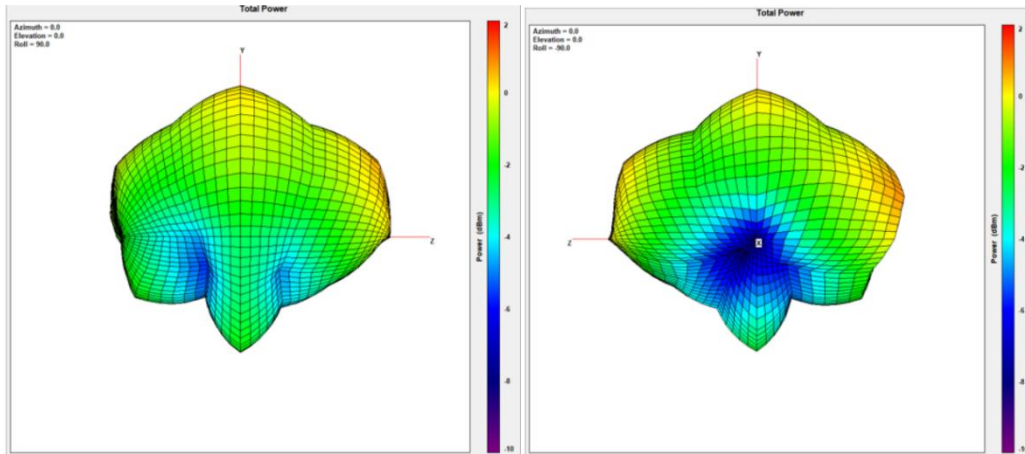


4. Gain of efficiency: Max Gain:0.98

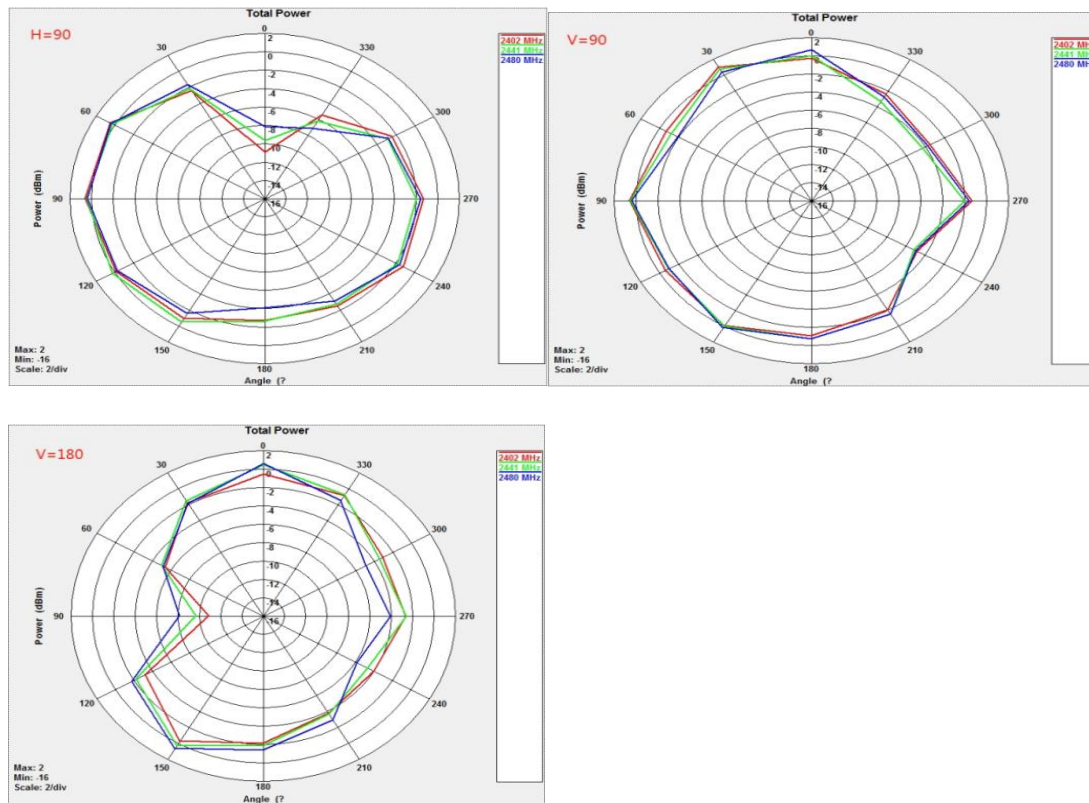
BM1036 无源 OTA PCB 天线	Frequency (MHz)	Efficiency (%)	Efficiency (dBi)	Gain (dBi)
	2402	61.88%	-2.08	0.95
	2410	61.57%	-2.11	0.96
	2420	61.31%	-2.12	0.86
	2430	60.81%	-2.16	0.71
	2441	60.87%	-2.16	0.98
	2450	61.09%	-2.14	0.94
	2460	61.04%	-2.14	0.77
	2470	59.23%	-2.27	0.95
	2480	58.55%	-2.32	0.82

5. 3D antenna diagram





6. 2D antenna diagram



7. Antenna drawing:

