



Shenzhen Yuhong Industrial Co.,Ltd

Antenna specification

PRODUCT P/N: RF565E

PRODUCT NAME: BT antenna

Description: BT2400 PCBA antenna

REV: 1.0

SIGN	APPROVED BY	CHECKED BY	DRAMN

SIGN	QE	R&D	PE

Manufacturer:	Shenzhen C&D Electronics Co., Ltd.
Address of Manufacturer:	10/F, Tower 12A, Baoneng Science & Technology Park, 1Qingxiang Road, Longhua District, Shenzhen, Guangdong, China



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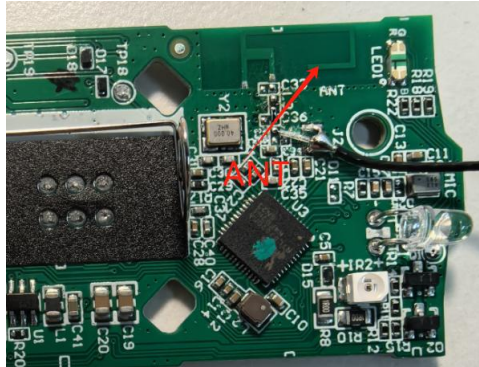


1, Specification Table

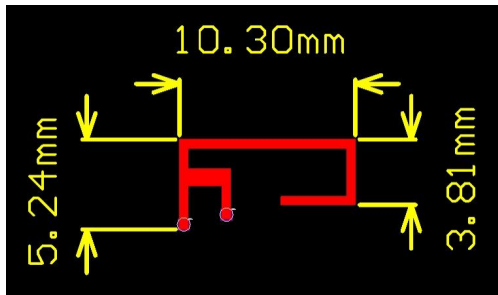
Main technical specifications	
Frequency Range (MHZ)	2400-2480
Impedance(Ω)	50
Gain(dBi)	2.44
VSWR	≤ 2.2
Polarization	Linear
Radiation	Omni-directional
Connector Type	Weld
Antenna cover	PCBA
Operating Temp	-20°C~+70°C
Storage Temp	-20°C~+60°C



2、Product drawing

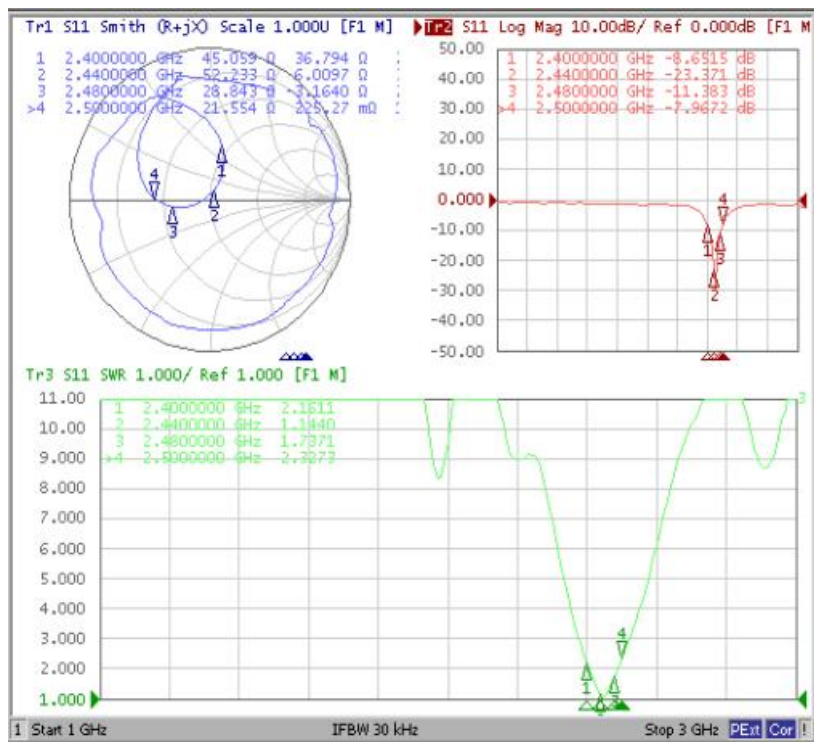


2.1 Antenna size



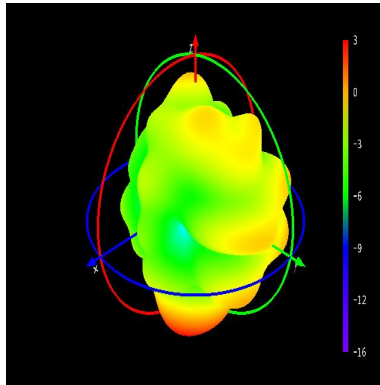
3、Test report

3.1: Network analyzer test parameters

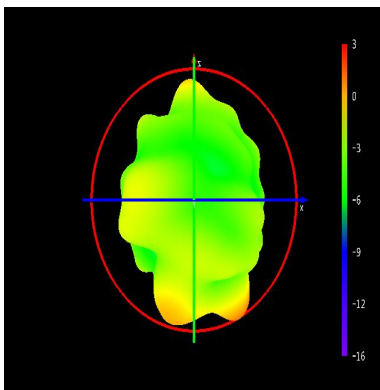
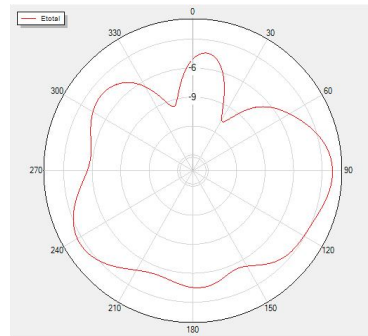




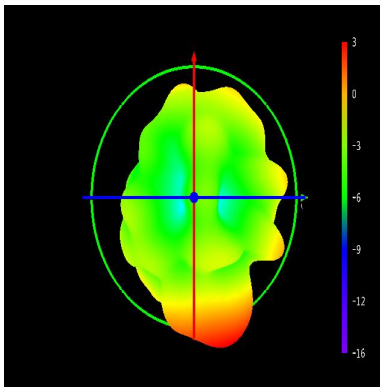
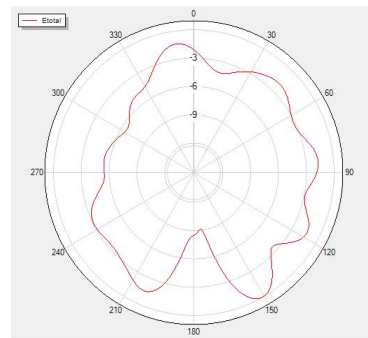
3.2: 2D、3DRaditation Pattern



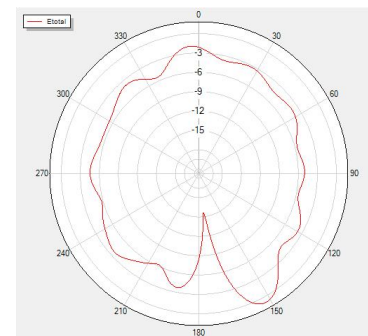
Theta=90 Freq=2440MHz



Phi=90 Freq=2440MHz

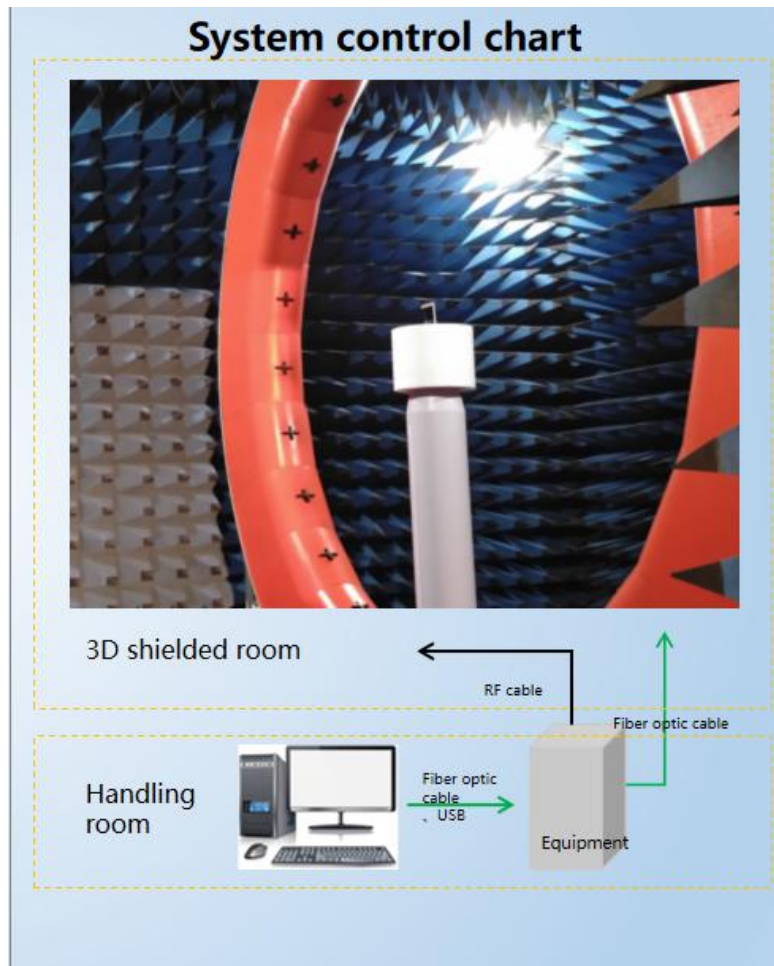


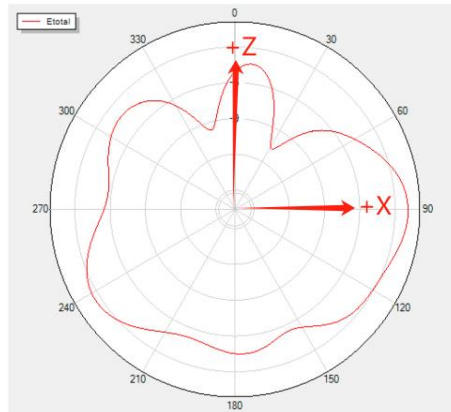
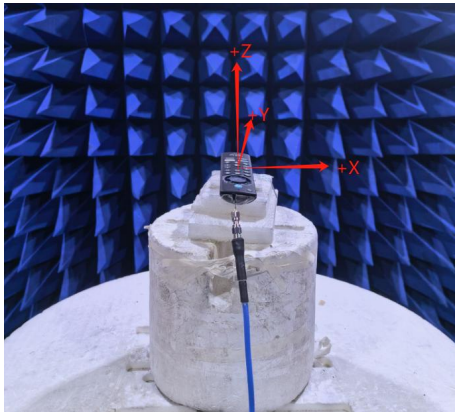
Phi=0 Freq=2440MHz





Annex A Test Setup Photos





3.3: Antenna gain

Freq (MHz)	Gain (dbi)
2400	1.36
2410	1.51
2420	1.69
2430	1.96
2440	2.06
2450	2.44
2460	2.11
2470	1.97
2480	1.47

4, project design

