

ANTENNA SPECIFICATION

V1.0

CUSTOMER NAME: Duogan Electronics (Zhuhai) Co., LTD

PRODUCT NAME: Bluetooth Antenna

CUSTOMER P /N: YK-BTANT-02

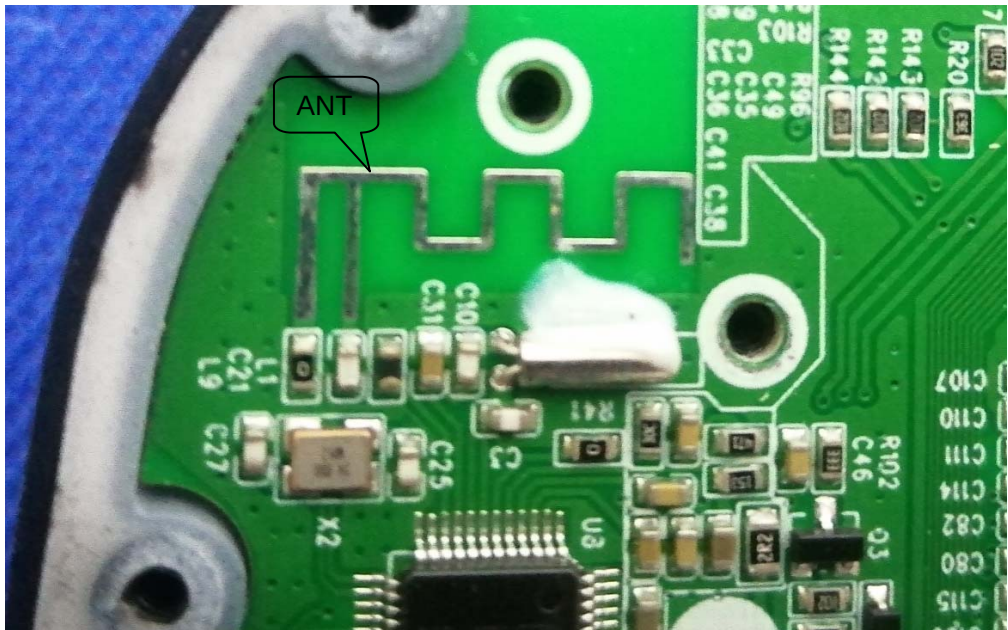
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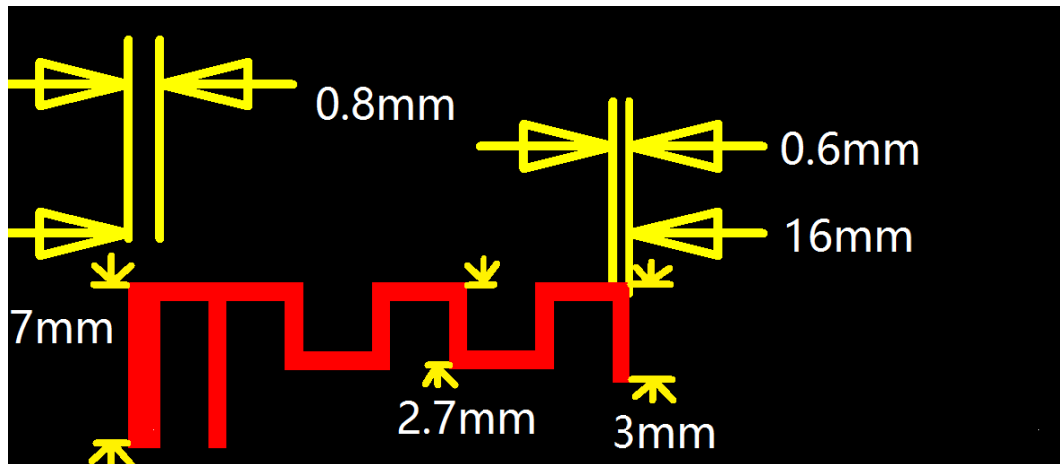
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一、Specification



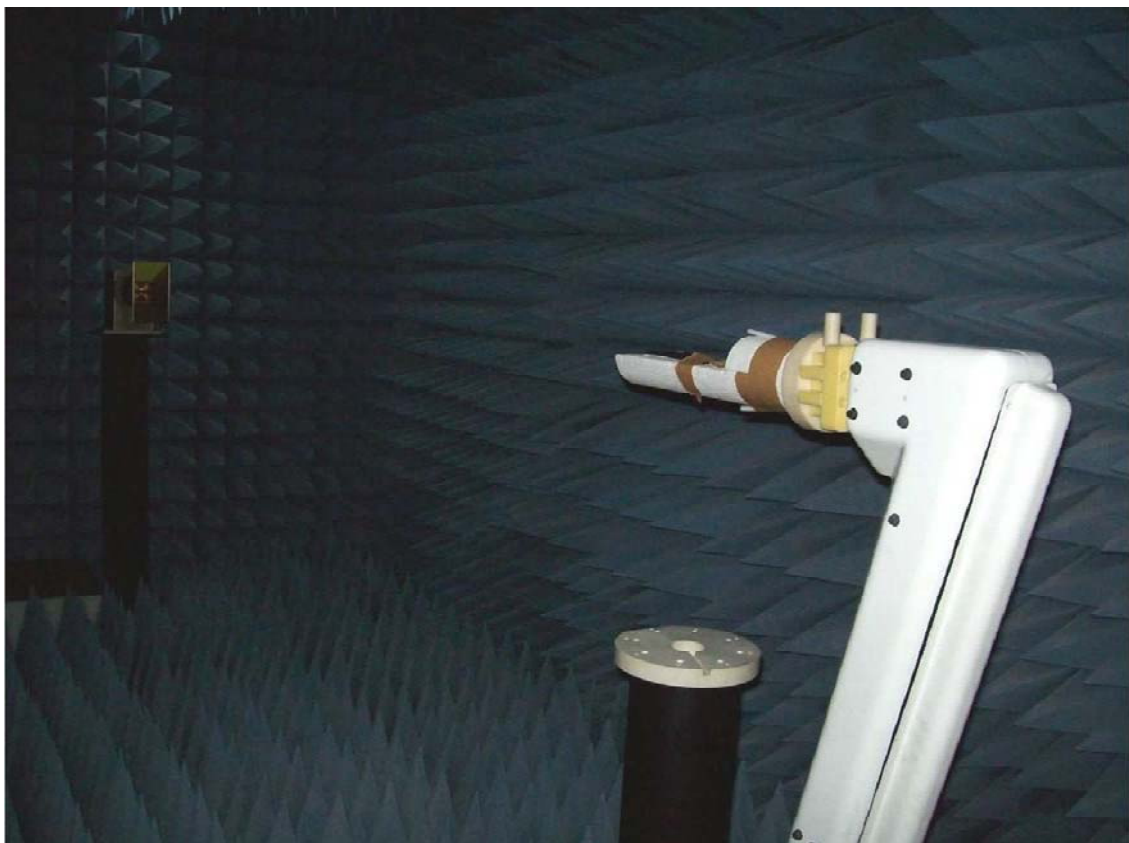
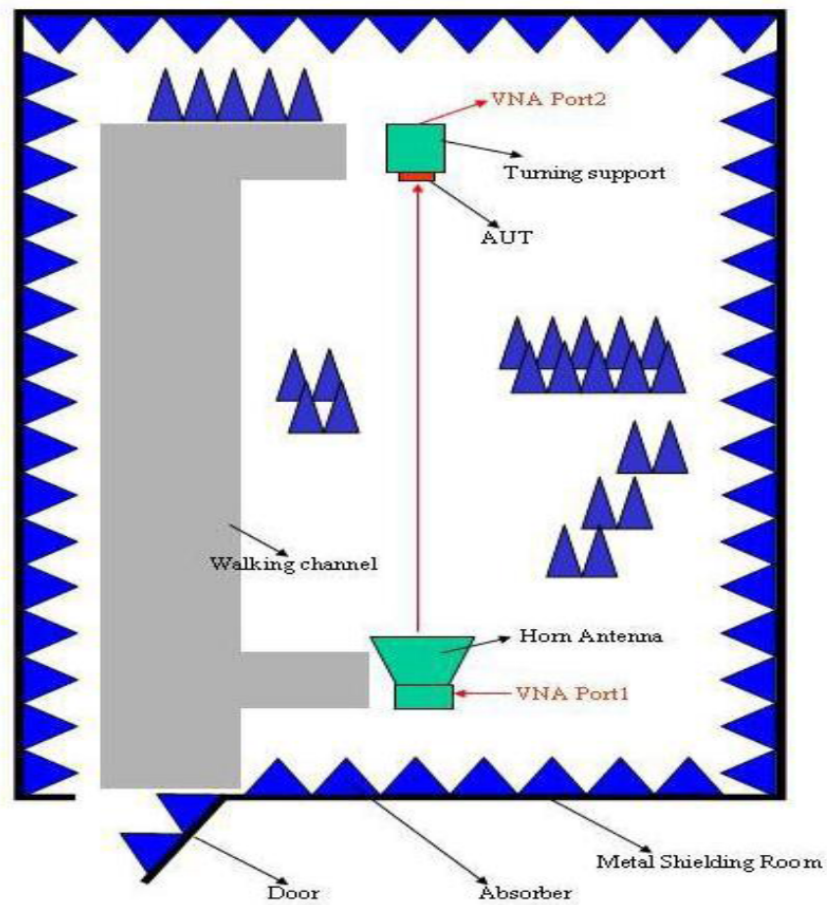
主要技术参数		Main technical parameter	
频率范围(MHz)	2400-2500	Frequency Range(MHz)	2400-2500
阻抗(ohm)	50	Impedance(ohm)	50
增益(dBi)	2.41	Gain(dBi)	2.41
输出驻波比	1.83	VSWR	1.83
功率	1.5W/3V3	Admitted Power	1.5W/3V3
方向性	全向性	Radiation	Omni-directional
物理性能		Physical Properties	
天线材料	FR4	Antenna cover	FR4
工作温度	-10--+80	Operating Temp	-10-- +80
保存温度	+10--+20	Storage Temp	+10--+20

二、Size drawing

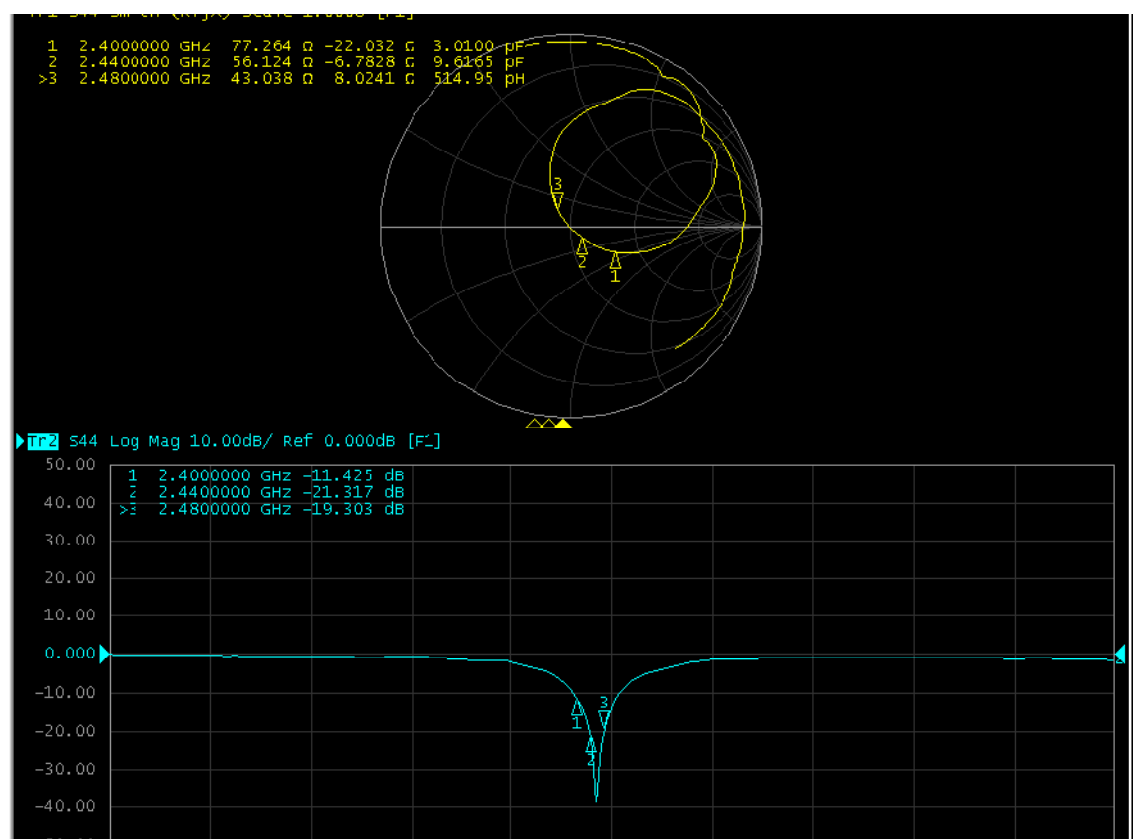


三、Test Report

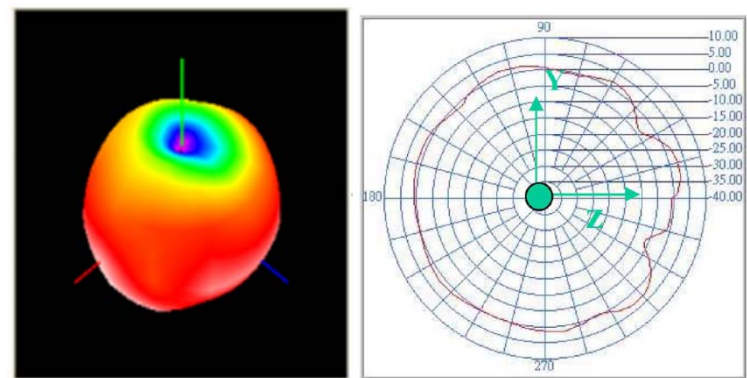
The Environment of Antenna Radiation Pattern



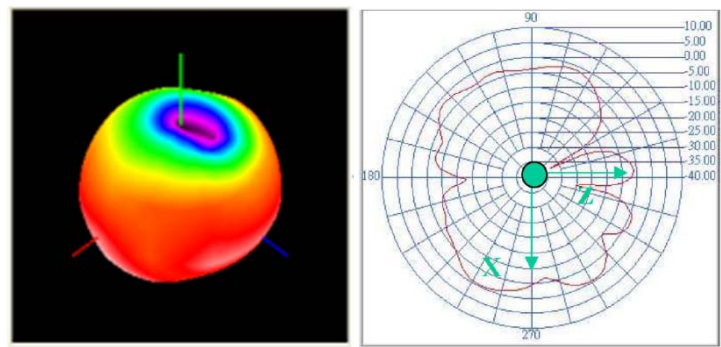
Return Loss



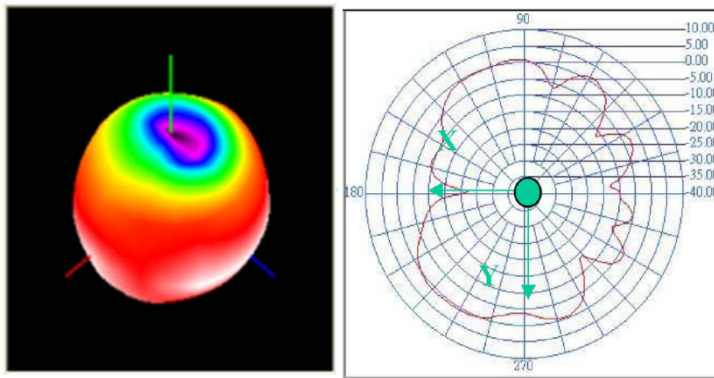
2D,3D radiation pattern diagram



2.4GHz Gain:2.41dBi Efficiency:75.6 1%



2.45GHz Gain: 0.00dBi Efficiency:78.45%



2.5GHz Gain: 0.46dBi Efficiency:79.32%