

SPECIFICATION

Shenzhen Guandetong Electronic Limited

Model Type: GDT-JD-2.40002

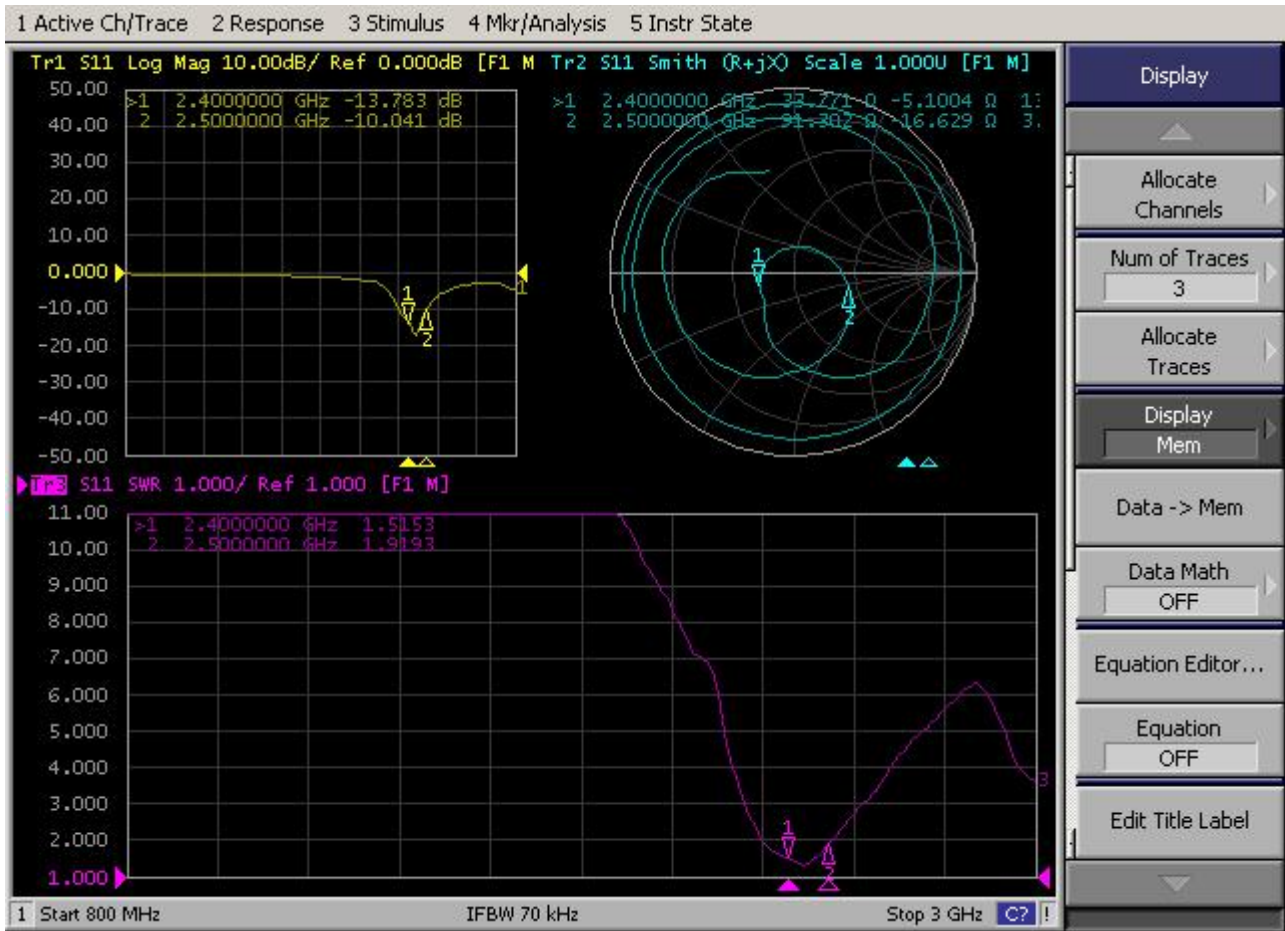
1、product picture



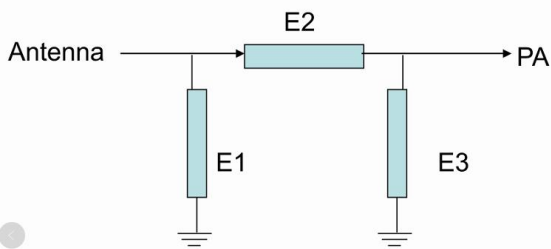
2、产品参数 Product Parameter

Product test parameters			
产品名称(Name)	2.4G FPC ANT	产品型号(Model Type)	GDT-JD-2.40002
电性能指标 (Electrical Specifications)			
频率范围 (Frequency Range)	2400-2500MHz	极化方式 (Polarization)	垂直
输入阻抗(Impedance)	50 Ω	辐射方向	全向
驻波比 (VSWR)	≤ 2	功率容量(Power)	50W
增益(Gain)	3dBi	带宽 (Bandwidth)	100MHz
机械指标 (Mechanical Specifications)			
尺寸 (Dimensions)	36.3*9.09 \pm 2mm	天线颜色(Chassis Color)	黑色
连接器型号 (Connector)	IPEX(1代)	引线长度(Cable Length)	45MM
天线材料 (Chassis Material)	FPC		
工作温度 (Working Temperature)	-40 $^{\circ}$ C--+85 $^{\circ}$ C	存放温度 (Limit Temperature)	-40 $^{\circ}$ C--+85 $^{\circ}$ C

3、S11 (VSWR 、 Return loss 、 Smith) DATA



4、Antenna efficiency, gain



Element	Value
E1(0402)	N/A
E2(0402)	0欧姆
E3(0402)	N/A

Test Point ID	Freq. (MHz)	TRP (dBm)	Gain (dBi)	Directivity (dBi)	Efficiency (%)
1	2400.0	2400.00	3.61	5.84	59.8%
2	2410.0	2410.00	3.92	6.06	61.1%
3	2420.0	2420.00	4.38	6.33	63.8%
4	2430.0	2430.00	4.78	6.48	67.8%
5	2440.0	2440.00	4.57	6.33	66.7%
6	2450.0	2450.00	4.56	6.30	67.0%
7	2460.0	2460.00	4.58	6.25	68.1%
8	2470.0	2470.00	4.34	5.99	68.3%
9	2480.0	2480.00	3.87	5.64	66.5%
10	2490.0	2490.00	3.48	5.50	62.9%
11	2500.0	2500.00	3.32	5.45	61.2%