

TURPA2200M2400M-3040

2.2-2.4GHz,Gain:30dB,Psat:40dBm

Feature:

- Ultra Wide Band:2.2-2.4GHz
- Gain:30dB Min
- Psat Output Power:40dBm Min
- Good Power and Gain Flatness
- 50 Ohm Matched Input / Output

电气特性 Electrical Specifications:

参数Parameter	Min	Typ	Max	单位Units
频率范围 Frequency range	2.2-2.4			GHz
增益 Gain	30	33		dB
增益平坦度 Gain Flatness		±0.5	±1	dB
饱和输出功率 Output Psat	40	43		dBm
杂散 Spurious		-65	-60	dBc
输入驻波 Input VSWR		1.3	1.5	:1
输出驻波 Output VSWR			2	:1
直流电压 DC Voltage	+18	+28	+36	V DC
直流电流 DC Sopply Current		0.7	3	A
阻抗 Impedance	50			Ohms

机械特性 Mechanical Specifications:

参数Parameter	指标 Value	单位Units
输入输出接口 Input /Output Connector	SMA Female/SMA Female	
直流偏置 DC Bias	Solder Pin	
尺寸 Size	170*140*40	mm
重量 Weight	1.3	Kg

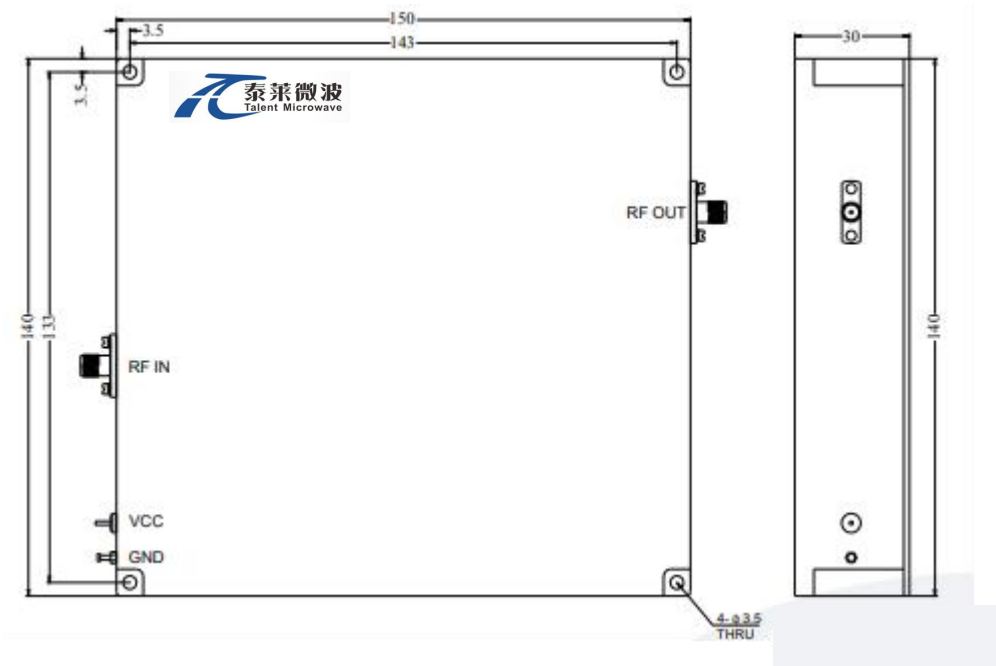
绝对最大值 Absolute Maximum Ratings:

参数Parameter	指标 Value
供电偏置电压 Supply Bias Voltage	+36V



Available 220V System

Unit: mm



***Heat Sink Required During Operation



OBSERVE PRECAUTIONS
ELECTROSTATIC SENSITIVE
DEVICES

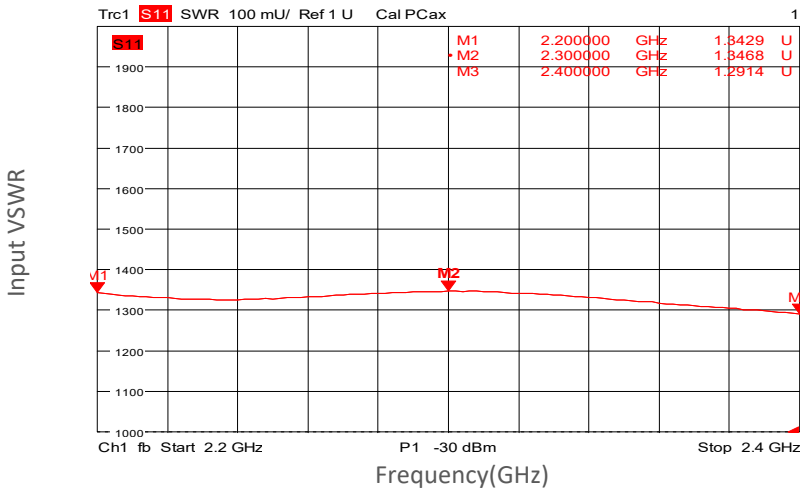
温度环境 Environmental Conditions:

参数Parameter	Min	Typ	Max	单位Units
操作温度 Operating Temperature	-45		+85	℃
存储温度 Non-operating Temperature	-55		+125	℃
相对湿度 Relative humidity		95		%
海拔 Altitude	30000			feet
震动 Shock / Vibration(MIL-STD-810F)	25g rms (15 degree 2KHz) endurance, 1 hour per axis			
冲击 Shock(non operating)	20G for 11msc half sin wave,3 axis both directions			

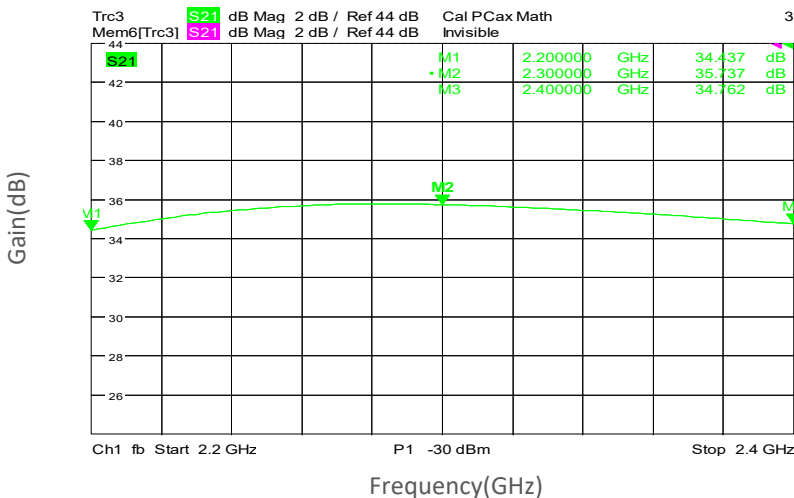
订货信息 Ordering Information:

标准型号 Part Number	描述 Description	版本号Revision
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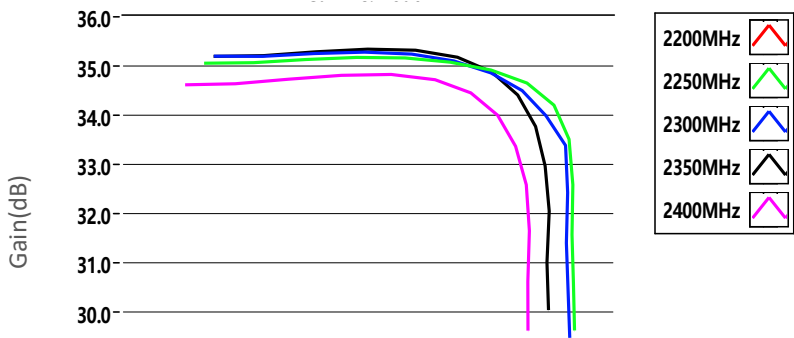
Input VSWR vs Frequency



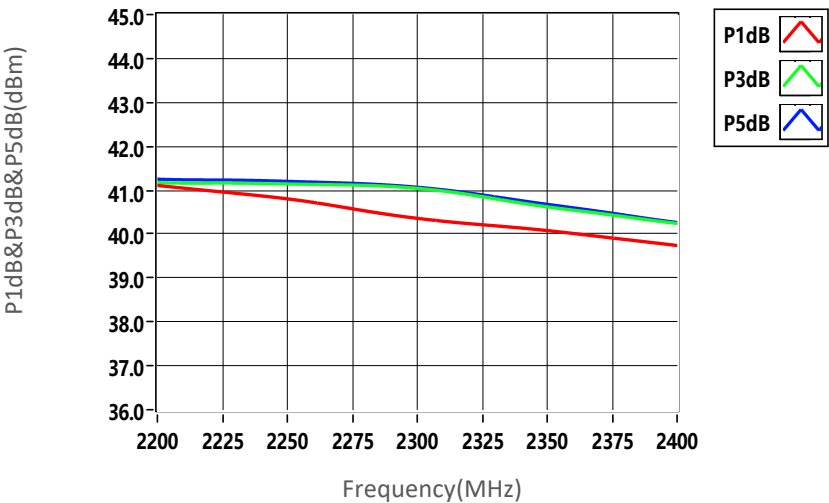
Gain vs Frequency



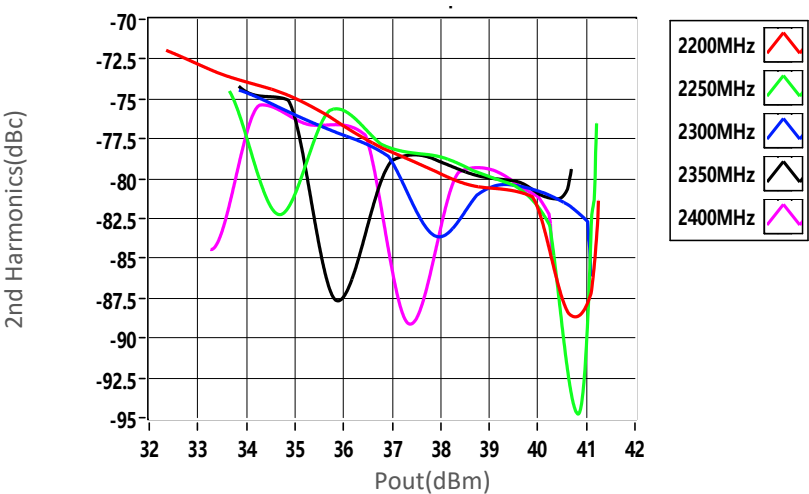
Gain vs Output Power



P1dB&P3dB&P5dB vs Frequency



2nd Harmonics vs Output Power



3rd Harmonics vs Output Power

