

Product Features

- High power RF amplifier
- Solid State power amplifier
- High linearity and high efficiency
- 50 ohms input / output impedance

Application

- FM Repeater



Electrical Specification

Parameter	Specification	Remark
Frequency Range	88~108MHz	
Output Power	50W	Class AB
Pout CW	450W	Class B
Gain	60dB±1dB	Class AB
	50dB±1dB	Class B
Gain Flatness	±0.5dB max.	
Gain Variation Over Temp.	±1dB max.	
2 Tone IMD	< -48dBc	
Input VSWR	1.5:1 max	
Output VSWR	1.5:1 max	
DC Current Consumption	8A max. @Normal Power	
	9A max. @ALC Point	+50V
	27A max. @Pout CW, Class B	

Environmental Specification

Parameter	Specification	Remark
Operating Temperature	-10°C~+45°C	
Storage Temperature	-20°C~+60°C	
Relative Humidity	0%~90%	Non-condensing

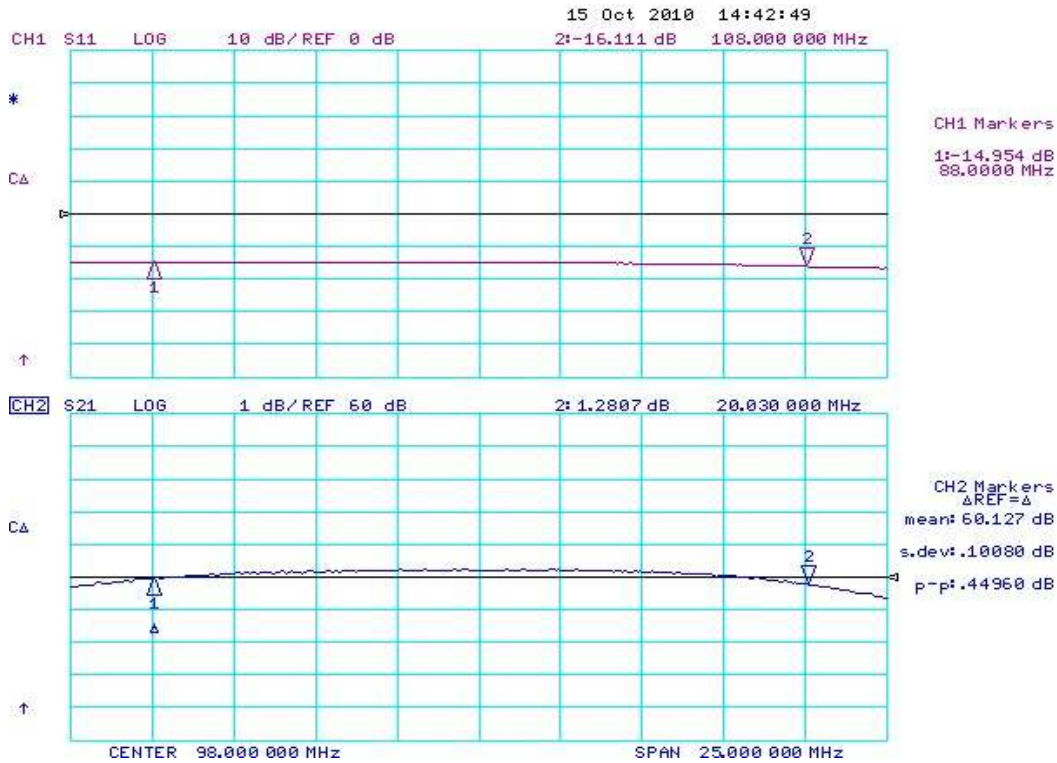


Mechanical Specification

Physical Dimension : 302mm x 177mm x 40mm

Electrical Test Data

Gain & VSWR



2 Tone IMD

