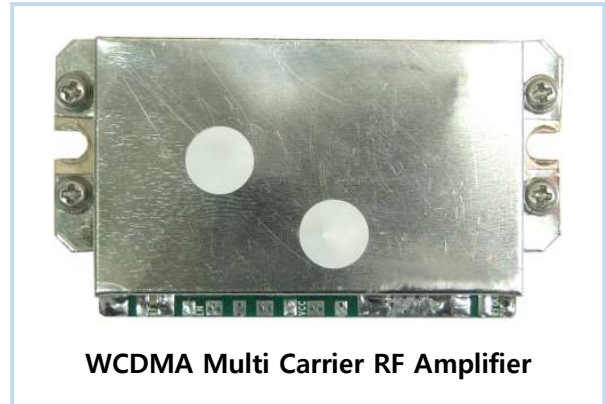


Product Features

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

Application

- WCDMA Repeater



Electrical Specification

Parameter	Specification	Remark
Frequency Range	1920MHz~1960MHz	40MHz BW
Output Power	+28dBm	WCDMA 6FA
Gain	27±0.5dB	
Gain Flatness	1dB peak to peak	
Gain Variation Over Temp.	±1dB max	
ACLR	±5MHz < -50dBc ±10MHz < -52dBc	RBW 30kHz
Input VSWR	1.5:1 max.	
Output VSWR	1.5:1 max.	
Normal Operating Voltage	+27V	
DC Current Consumption	1.0A max.	
Enable	TTL Low Active	

Environmental Specification

Parameter	Specification	Remark
Operating Temperature	-30°C ~ +60°C	
Storage Temperature	-40°C ~ +85°C	
Relative Humidity	0%~90%	Non-condensing

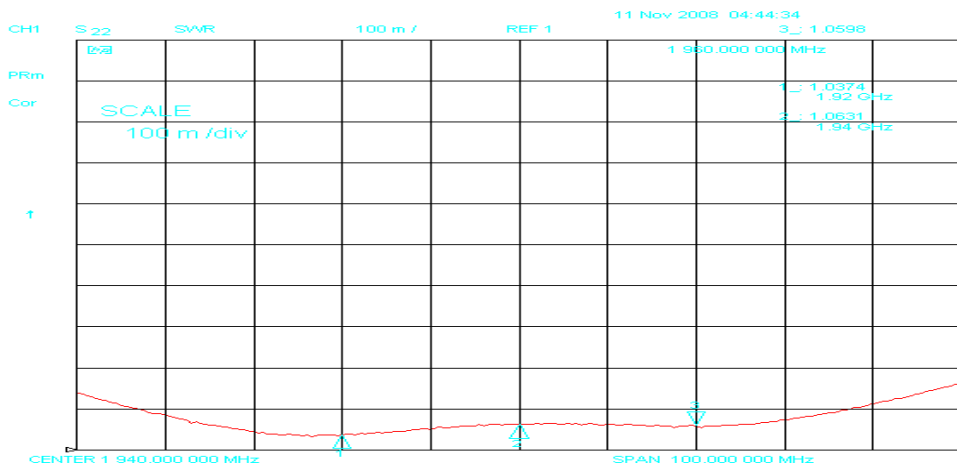
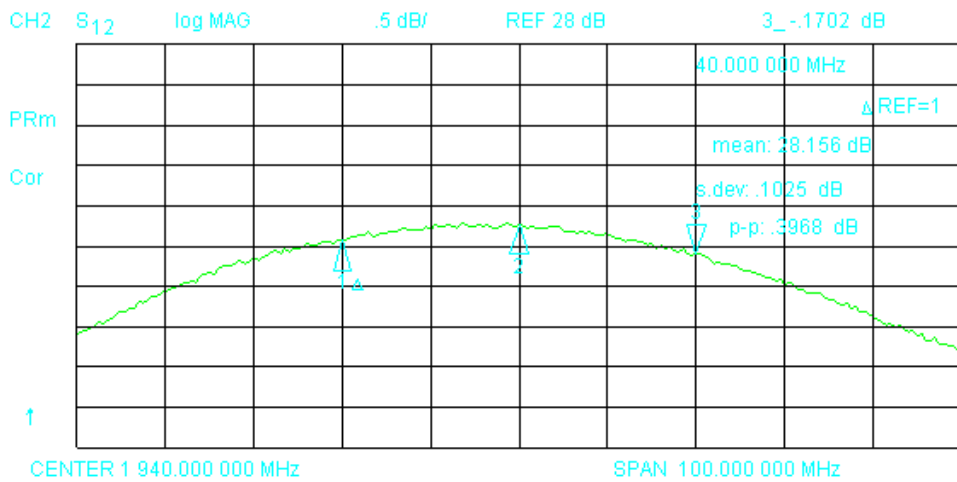
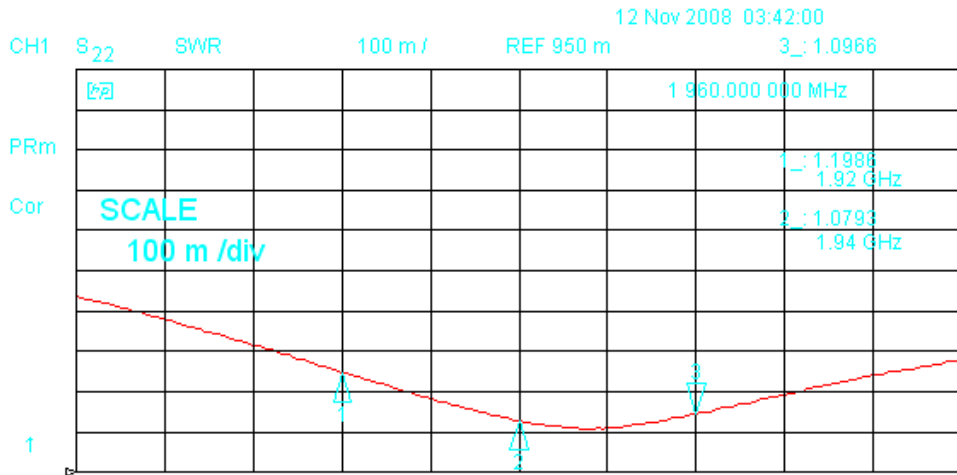


Mechanical Specification

Physical Dimension : 60mm X 33mm X 12mm

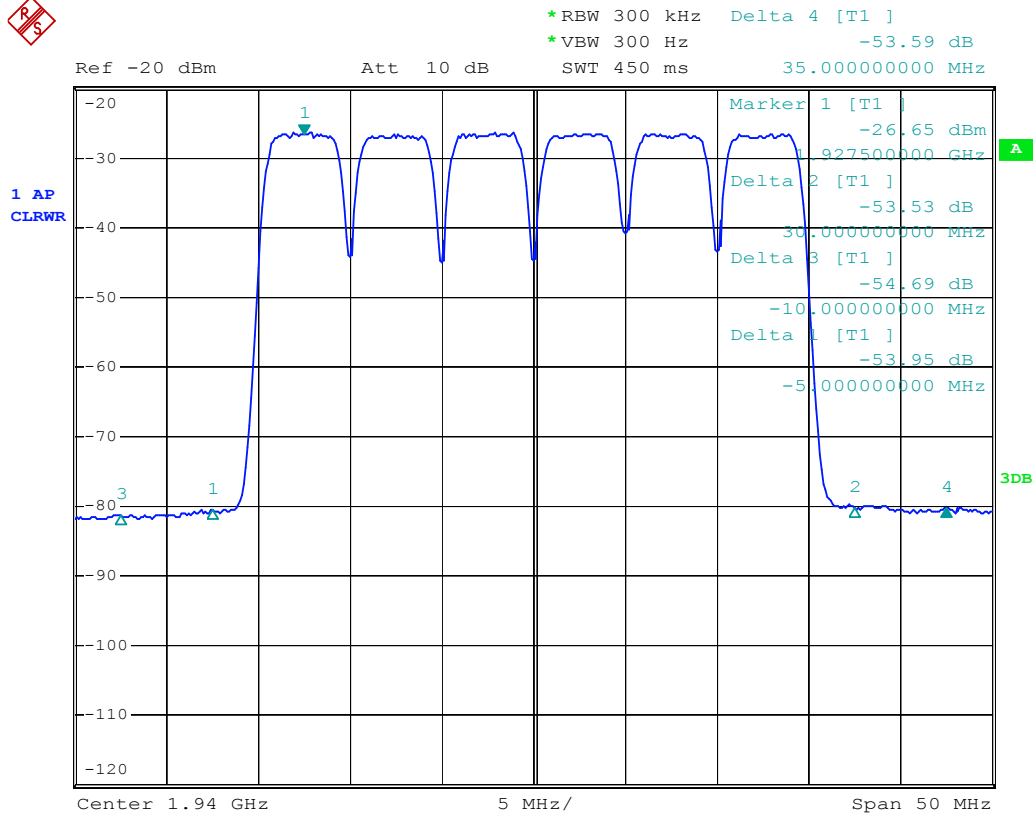
Electrical Test Data

Gain & In/Out VSWR





ACLR @Po=28dBm



Current Consumption

+27V : 0.48A @Po=28dBm



Outline Drawing

