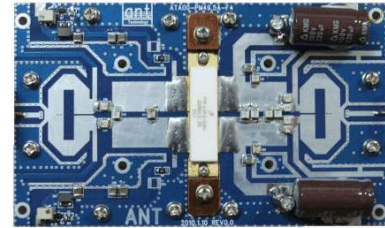


Product Features

- High power RF amplifier pallet
- Solid State Broadband amplifier
- High linearity and high efficiency
- 50 ohms input / output impedance
- Cover the entire UHF TV band

Application

- DTV High power amplifier



High Power DTV RF Amplifier Pallet

Electrical Specification

Parameter	Specification	Remark
Frequency Range	470MHz~860MHz	
Output Power	90W	8-VSB,DVB-T
Gain	20dB±1dB	
Gain Flatness	±1.0dB	max
Out-of channel emission mask	47.0	<dBc
DC IN	+50V	
DC Current Consumption	8A Typical.	@Po=90W
Input VSWR	1.5:1 max.	
Output Detect	-	

Environmental Specification

Parameter	Specification	Remark
Operating Temperature	-20°C~+60°C	
Storage Temperature	-30°C~+80°C	
Relative Humidity	0%~90%	Non-condensing

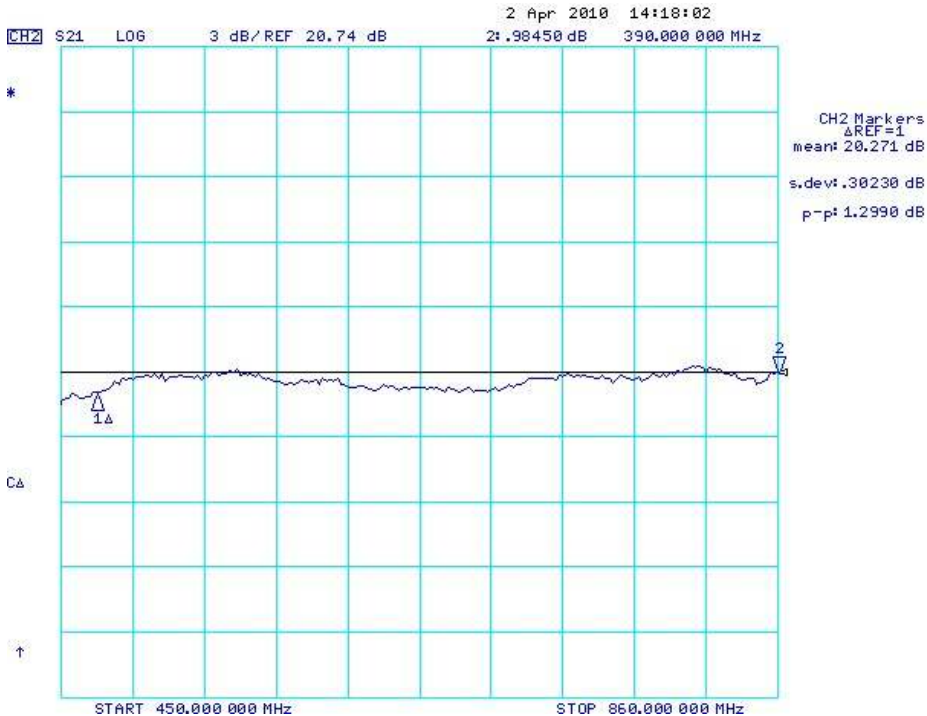
Mechanical Specification

Physical Dimension : 127mm X 76mm

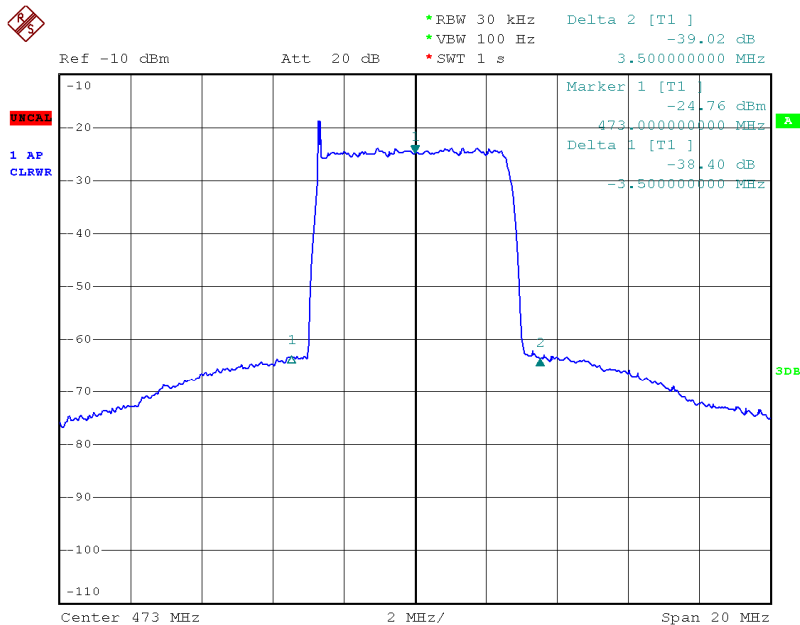


Electrical Test Data

Gain & Flatness



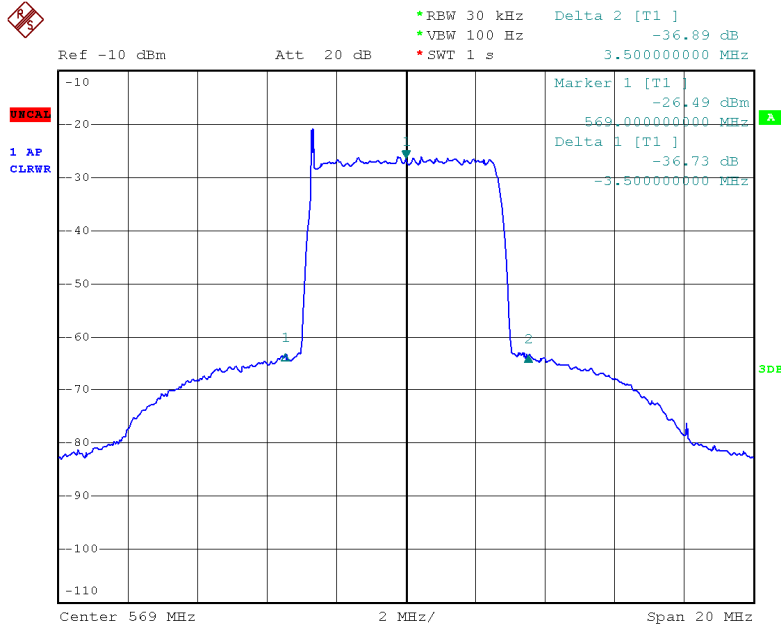
473MHz Out-of channel emission mask



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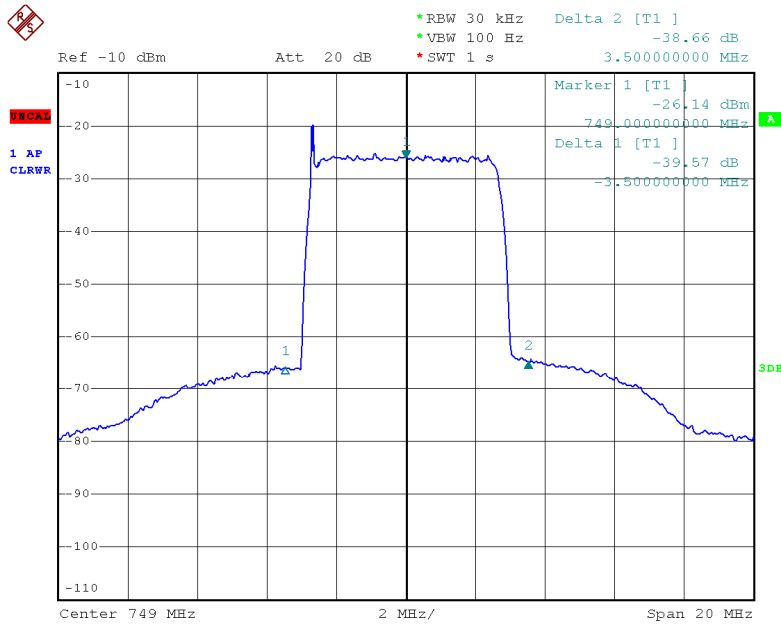


569MHz Out-of channel emission mask



Date: 26.JAN.2010 10:34:31

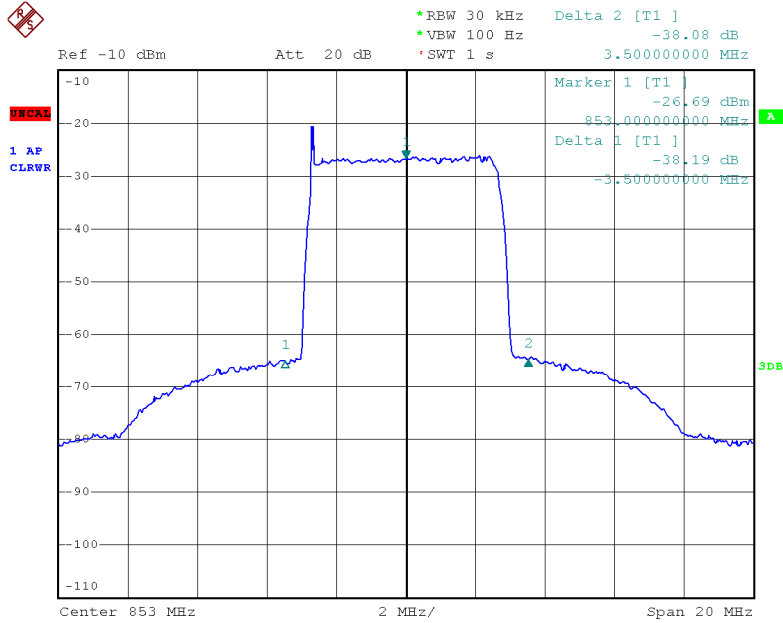
749MHz Out-of channel emission mask



Date: 26.JAN.2010 10:28:28



853MHz Out-of channel emission mask



Date: 26.JAN.2010 10:25:41