

Product Features

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

Application

- DTV Repeater and Transmitter



Electrical Specification

Parameter	Specification	Remark
Frequency Range	470MHz~860MHz	
Output Power	150W Avg	8-VSB,DVB-T
Gain	56dB±1dB	
Gain Flatness	±1.0dB	max
OUT-of channel emission mask	47.0	<dBc
DC IN	+50V	
DC Current Consumption	16A Typical.	@Po=150W
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

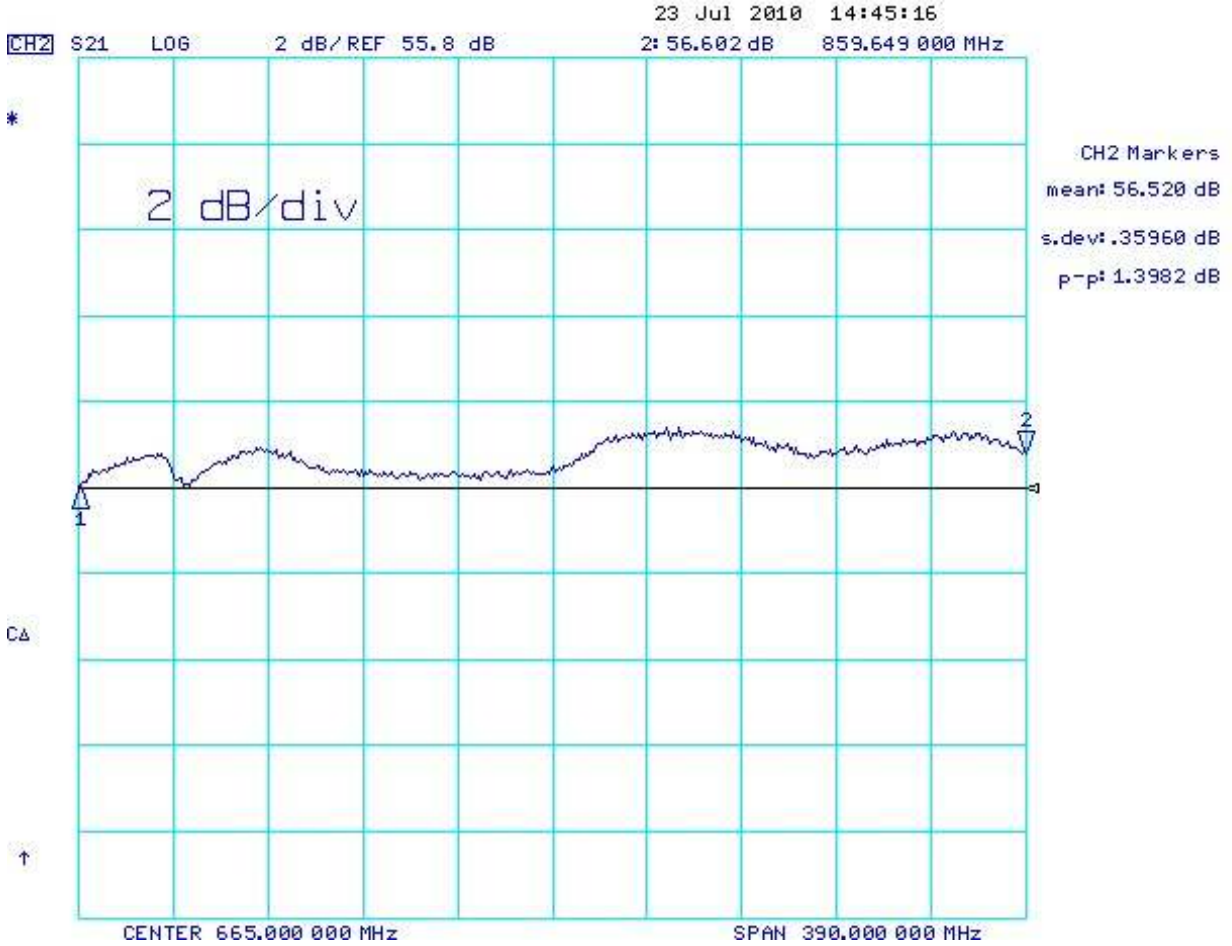
Mechanical Specification

Physical Dimension : 335mm X 195mm X 45mm



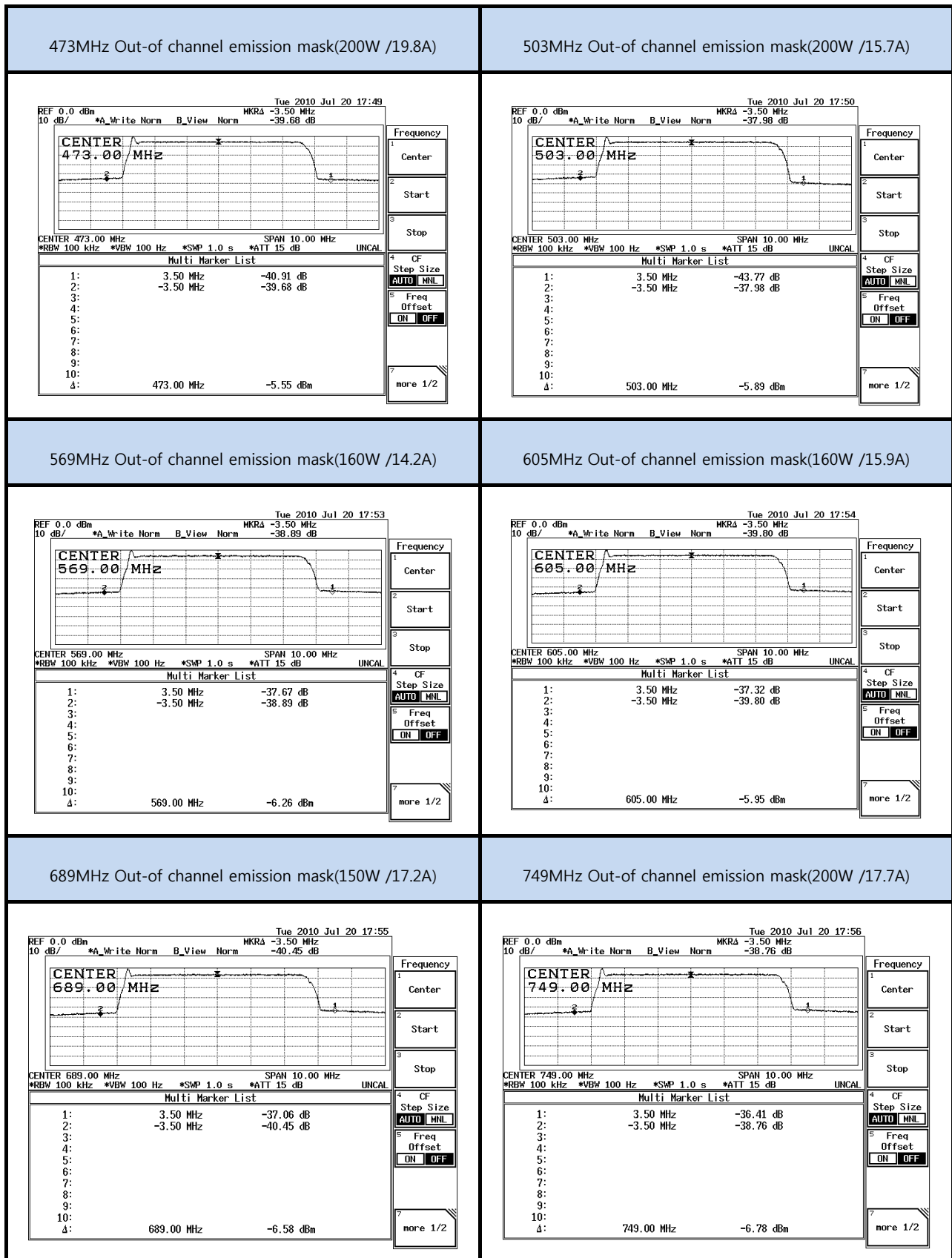
Electrical Test Data

Gain & Flatness



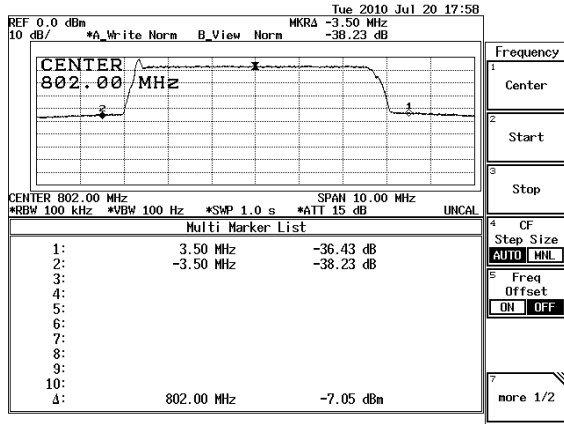


Out-of channel emission mask





802MHz Out-of channel emission mask(150W /17.8A)



856MHz Out-of channel emission mask(150W /16.7A)

