

MTPM 8.1... 8.6GHz

Pulse Amplifiers Module



STANDARD MODELS

Model	Frequency Range GHZ	peak output power kW Min	Gain variation dB	VSWR	Duty Cycle	Efficiency	pulse width us
MTPM8P18P6-4.5	8.1...8.6	4.5	≤±1	≤1.5:1	≤0.1%	≥20%	≥1
MTPM8P18P6-16	8.1...8.6	16 (@Pin=30dBm)	≤±1	≤1.5:1	≤0.1%	≥20%	≥1
Model	rising time ns	falling time ns	PRF KHz	spurious dBc	harmonics dBc	AC input voltage DC	operating temperature
MTPM8P18P6-4.5	≤100	≤50	0~1	≤-60	≤-15	50~54V	0°C ~ 50°C
MTPM8P18P6-16	≤100	≤50	0~1	≤-60	≤-15	50~54V	0°C ~ 50°C
Model	Dimensions (H, D) cm						
MTPM8P18P6-4.5	25.4*14.0*4.2						
MTPM8P18P6-16	36.0* 60.0*5.2						

INPUT CONNECTORS

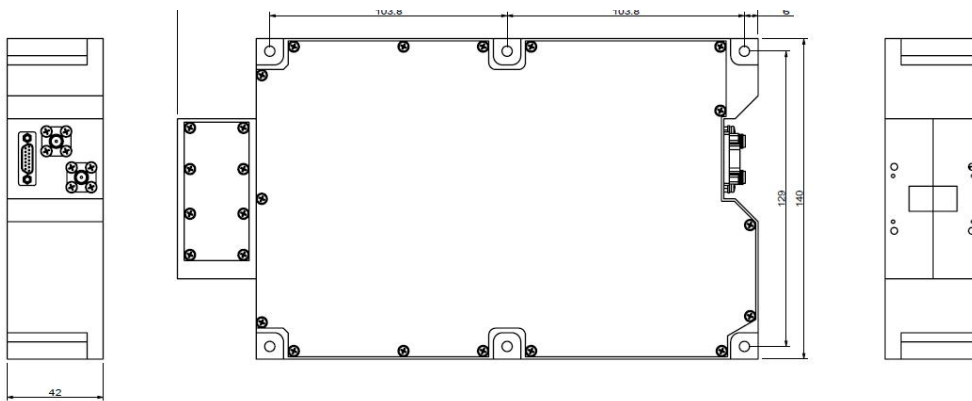
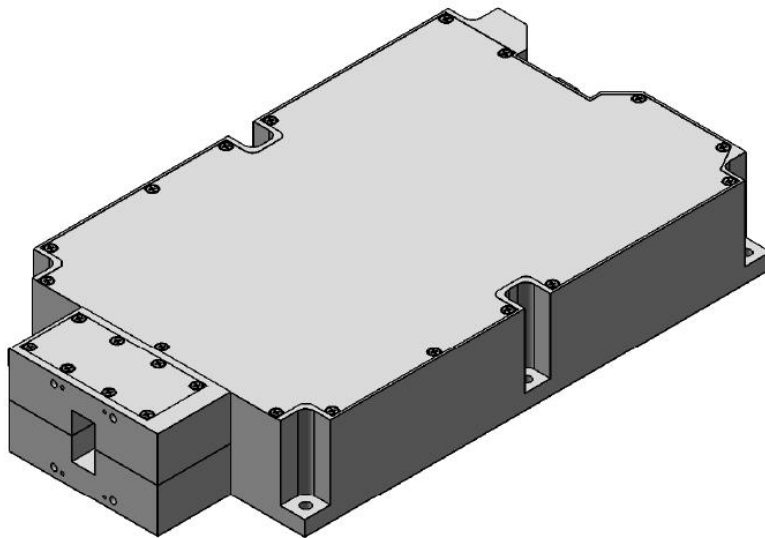
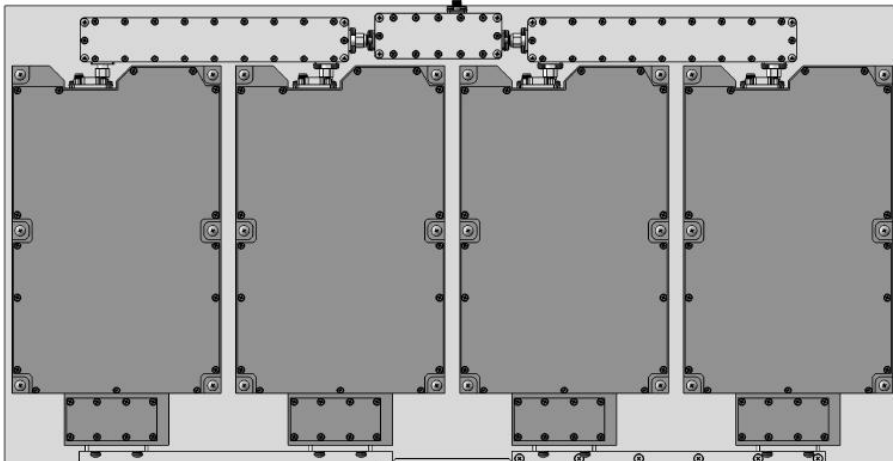
RF Input:	SMA-f
RF Output:	WR90 flange
Supply Control TTL	SMA-f
Supply Interface:	J30J-15ZKP
Storage Temperature:	-20 ... +65 °C
Relative Humidity:	up to 95% (non-condensing)
Operating Altitude:	up to 2000 m above sea level
Vibration and Shock:	normal laboratory environment
Cooling:	forced air with integral blower air intake and exhaust at rear

MTPM

8.1... 8.6GHz

Pulse Amplifiers Module

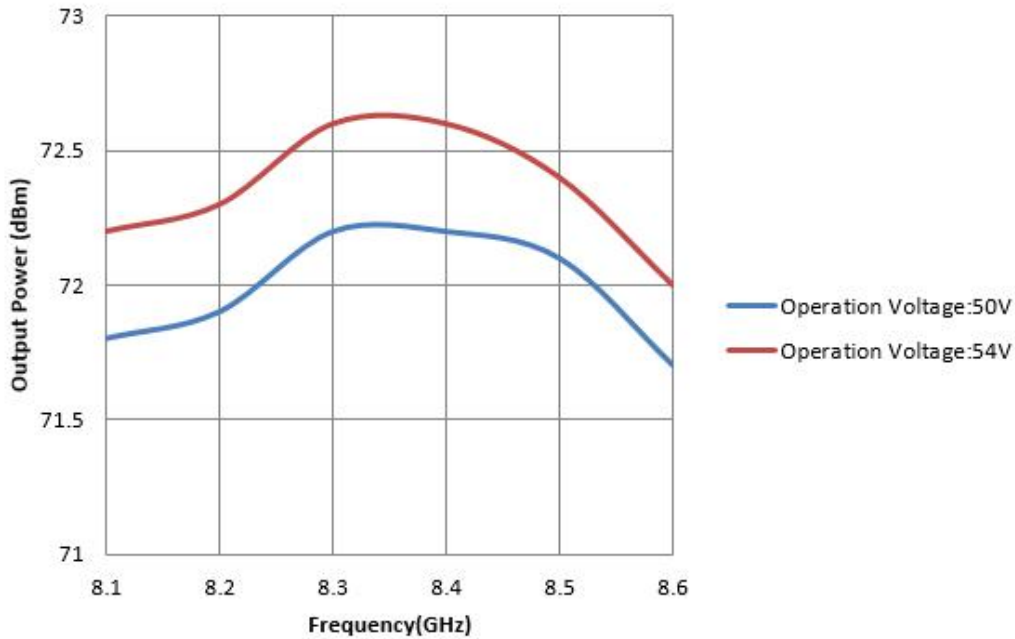
OUTLINE





ACTUAL TESTING DATA

Ouput Power VS Freq



Operation Current VS Freq

