



RF-LAMBDA

The power beyond expectations

RFLFFPA00450-30W



30W CDMA Feed Forward Amplifier 420MHz~489MHz

- Average Power 30W
- Applicable for base station, repeaters of CMDA 450MHz cellular network
 - Feed forward Linearization
 - CDMA multi-carrier operation
- High Peak to average handle capability
- High Linearity and High efficiency design
- Customized alarms and protections.

Frequency Range:	420MHz-489MHz
Average Output Power:	45 dBm
RF Gain:	50dB +/-1dB
Flatness:	+/-0.5dB
Gain Variation Over Base plate Temperature Range (-25 to +60 degree C):	+/-1dB
IMD	-60dBc@42dBm/ tone
Spurious Emissions:	-45dBc@+/-750KHz
	-65dBc@+/-1.98MHz(30W)
	-60dBc@+/-1.98MHz(30W)
Input / Output Return Loss:	15dB min
Output Protection:	Isolator
DC Current:	6A@ 27V
Operating Base plate Temperature Range:	-25 to +60 degree C
Storage temperature Range:	-40 to +85 degree C
Over Power Alarm	47dBm +/-1dB
VSWR Alarm	4:1
Over Temperature Alarm	+85 +/-5 degree C
Enable/Disable	Enable (Low)
RF Connectors:	RF Input (SMA Female)
	RF Output (N Female)
Cooling:	Natural Convection
Convection Size (Length x Width x Height):	305 x 259 x 51 mm

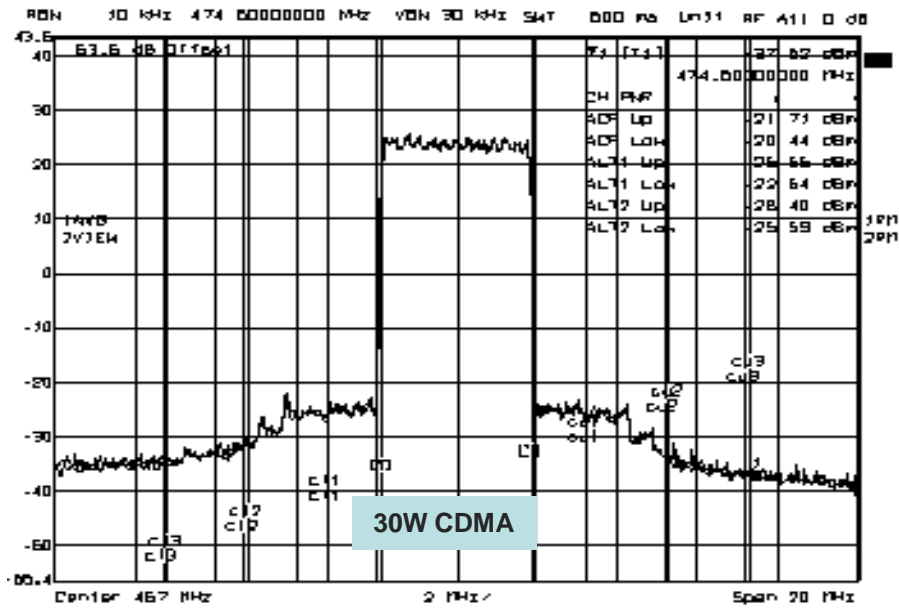
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