



RF-LAMBDA

The power beyond expectations

RFLFFPA02140-30W



30W CDMA Feed Forward Amplifier 2110MHz~2170MHz

- Average Power 30W
- Applicable for base station, repeaters of CDMA 2100MHz 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:	2110MHz-2170MHz
Average Output Power:	45 dBm
RF Gain:	48dB +/-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:	8.5A@ 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):	205 x 170 x 26 mm

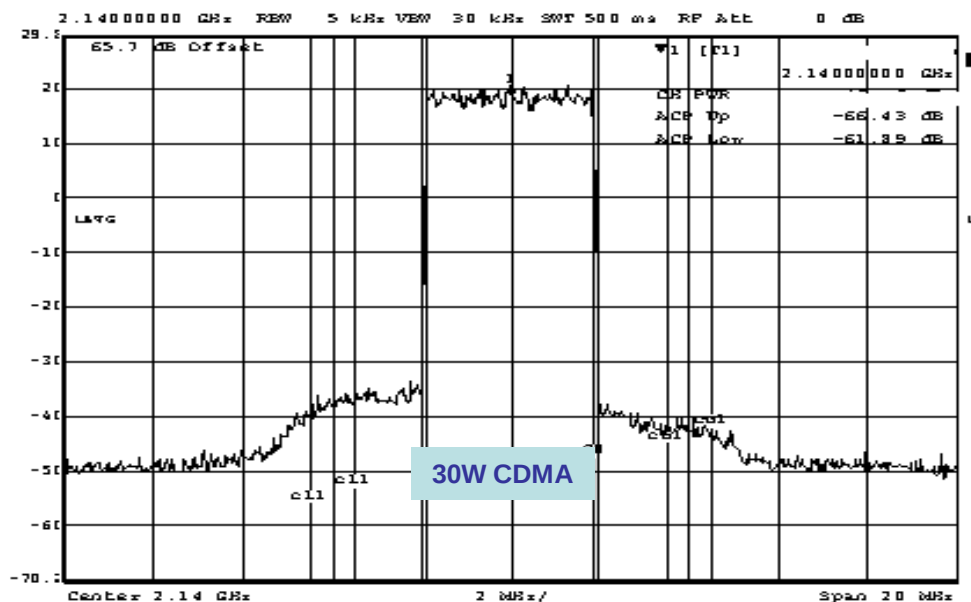
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