

## 2.5 – 3.5 GHz 32.5 dBm Module

### FEATURES

- P<sub>-1</sub> dB: 32.5 dBm
- Bias Condition: 600 mA @ 9 V
- Small Signal Gain: 14 dB

### ELECTRICAL SPECIFICATIONS (Ta = 25 °C)

SYMBOL	DESCRIPTION	MIN	TYP	MAX	UNITS
<b>FREQ</b>	Frequency Range	2.5		3.5	GHz
<b>SSG</b>	Small Signal Gain	13	14		dB
<b>GOF</b>	SSG Flatness		± 0.25	± 0.5	dB
<b>P<sub>-1</sub> dB</b>	Output Power at 1 dB Gain Compression	31.5	32.5		dBm
<b>VSWR, IN</b>	Input VSWR		1.7:1	2:1	-
<b>VSWR, OUT</b>	Output VSWR		1.7:1	2:1	-
<b>VDC</b>	Supply Voltage		9		Volt
<b>IDC</b>	Current Supply		600	640	mA
<b>OTR</b>	Operating Temperature Range	-40		90	°C

**CARRIER: S33 / Z33**