

## 2 – 4 GHz 20 dBm Module

### FEATURES

- P<sub>-1</sub> dB: 20 dBm
- Bias Condition: 100 mA @ 8 V
- Small Signal Gain: 16 dB

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

SYMBOL	DESCRIPTION	MIN	TYP	MAX	UNITS
<b>FREQ</b>	Frequency Range	2		4	GHz
<b>SSG</b>	Small Signal Gain	15	16		dB
<b>GOF</b>	SSG Flatness		± 0.2	± 0.5	dB
<b>P<sub>-1</sub> dB</b>	Output Power at 1 dB Gain Compression	19	20		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		8		Volt
<b>NF</b>	Noise Figure		2.7	3.0	dB
<b>IDC</b>	Current Supply		100	110	mA
<b>OTR</b>	Operating Temperature Range	-40		90	°C

**CARRIER: S31 / Z31 / S32 / Z32**