

### 5.3 – 5.9 GHz 40 dBm Amplifier

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

SYMBOL	DESCRIPTION	MIN	TYP	MAX	UNITS
<b>FREQ</b>	Frequency Range	<b>5.3</b>		<b>5.9</b>	<b>GHz</b>
<b>SSG</b>	Small Signal Gain	<b>41</b>	<b>46</b>		<b>dB</b>
<b>P<sub>sat</sub></b>	Saturation Output Power @ Pin = -1dBm	<b>40</b>			<b>dBm</b>
<b>NF</b>	Noise Figure			<b>5</b>	<b>dBm</b>
<b>VSWR, In</b>	Input VSWR			<b>2 : 1</b>	<b>-----</b>
<b>VSWR, Out</b>	Output VSWR			<b>2 : 1</b>	<b>-----</b>
<b>Vs</b>	DC Supply Voltage (with built-in regulator)		<b>12</b>		<b>Volt</b>
<b>Id</b>	Current Supply		<b>6.5</b>	<b>7.0</b>	<b>A</b>
<b>OTR</b>	Operating Temperature	<b>-30</b>		<b>60</b>	<b>° C</b>

**Connector: SMA, Female**

**CASE: HA3**

**Note : Isolator is excluded. & No environmental test.**