

#### Datasheet



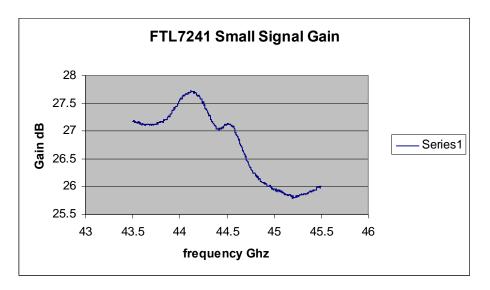
### **Features**

Product features	Min	Тур	Max	Unit
RF Frequency	43		46	GHz
Linear Gain	25	27		dB
Psat		33		dBm
P1dB	30	31		dBm
Supply Voltage	+7	+8	+9	V
Supply Current		4600		mA
Connectors	Input	2.4 mm	Output	WR-22

## Description

A general purpose 1 watt CW power amplifier in the 43-46 GHz frequency range.

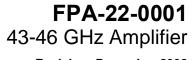
The unit is used with a heatsink.





Unit 1 Airport East Business Park, Farmers Cross, Cork. Telephone: +353 21 4849170 Fax: +353 21 4849192

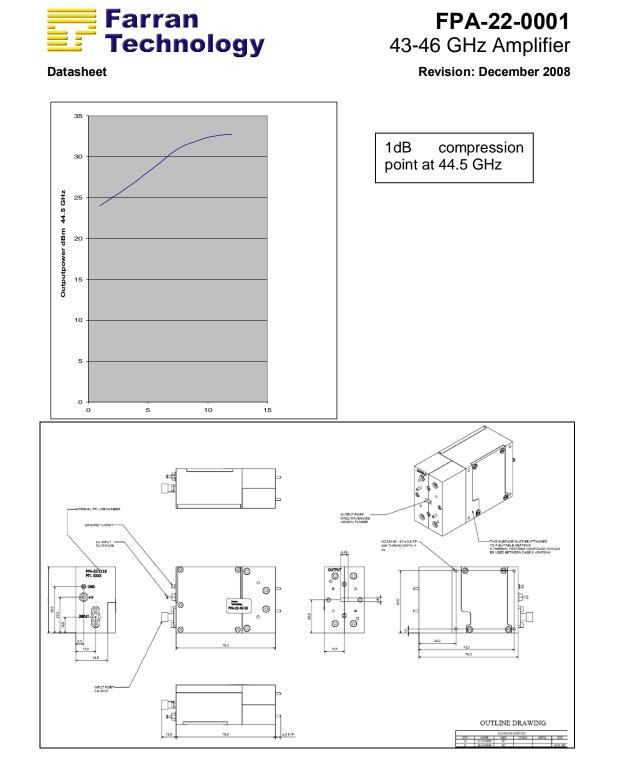
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**Revision: December 2008** 

### **Applications**

- Driver amplifier
- Base Station TX
- Instrumentation
- Point to point communications



#### Note :

The data contained in this document describes new products in the pre-production phase of development, and is for information only. Farran Technology reserves the right to change,



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# FPA-22-0001 43-46 GHz Amplifier Revision: December 2008

without notice, the characteristic data and other specifications applied to this product. The product may be subject to Irish export restrictions.



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