

2.0 – 6.0 GHz 43dBm GaN HP SSPA Module

FEATURES

- P_{sat} : +43dBm
- Bias Condition: ~4.2A@+28V
- Small Signal Gain: 46dB, typ.

ELECTRICAL SPECIFICATIONS (Specified at 25 °C)

Symbol	Description	Min.	Typ.	Max.	Unit
FREQ	Frequency Range	2		6	GHz
SSG	Small Signal Gain		46		dB
P_{sat}	Saturation Output Power at Pin = 0dBm	+43			dBm
VSWR, IN	Input VSWR			2.0:1	-
VSWR, OUT	Output VSWR			2.0:1	-
Vdc	DC Supply Voltage(internal regulator included)	+27	+28	+30	Volt
Idc	DC Current Supply, @ P_{sat}		4.2		A
On/Off	DC On/Off, TTL(Mute) Control	"1"= DC On ; "0"= DC Off ; "Floating"= DC off			
OTR	Operating Temperature Range, baseplate	-30		+65	°C
RF/DC	RF Connectors	RF Input : SMA Female ; RF Output : SMA Female			
	DC Connectors	DC: Feedthrough Soldered pins(x3) ; Ground: GND Lug			

MECHANICAL HOUSING(CASE) : unit is inch
