Модификация АКИП-3602/2 (50 Вт, 2 … 8 ГГц)



Общие данные и возможности:

2 - 8GHz Frequency Range	Solid-state Class AB Broadband design
Psat.: 46.5dBm Min., 48.5dBm Typ.	High linearity, high efficiency
Gain: 50dB Min., 53dB Typ.	Suitable for pulse or CW applications
50 ohm input/output impedance	Small and light weight
Built-in control, monitoring and protection circuits	High reliability and ruggedness

Спецификации: ***(T=25℃±3℃, VAC =220V, CW, Load VSWR<1.2)***

Description	Min	Typ	Max	Unit
Operating Frequency	2		8	GHz
Output Power CW* @ Pin=-3 dBm	46.5	48.5		dBm
Output P1dB* CW	41	43		dBm
Gain @ Pin= -3 dBm	50	53		dB
Gain Flatness @ Pin=-3 dBm		±2.5	±3.0	dB
Input Power for Psat	-8	-3	0	dBm
2nd/3rd Harmonics @ Psat		-15/-25	-8/-15	dBc
Spurious Signals @ Pin= -3 dBm		-70	-60	dBc
Small Signal @ Pin= -30 dBm		66		dB
Small Signal Flatness @ Pin= -30 dBm		±5	±6	dB
Isolation (Disable Status)		90		dB
Input VSWR		1.5	2	/
Third Intermodulation Third Order 2-Tone @ 37dBm/Tone, 1MHz Space**		-25	-23	dBc
Supply Voltage (47~63Hz) /Single-Phase	90	220/50Hz	240	V
Power Consumption @ Pout= 50~100W		600	800	W

Note*: *Fundamental Power, Harmonics are excluded*
Note**: *10MHz Data is Available, please contact sales for further information.*

Условия эксплуатации и хранения *(environmental):*

Operation Temperature*[1]	-10…45℃
Storage Temperature Range	-25…75 ℃
Relative-Humidity	95 %
Altitude*[2]	N/A
Vibration/ Shock*[2]	N/A

Notes *1: *Operation Temperature can be extended to -40~65℃. Contact Sales for update.*
Notes *2: *Altitude /Vibration are designed with considerations, but without tests and experiments. Contact Sales for experimentally verified.*

Ограничения и предельные значения (limits):

Pin<10 dBm(Input RF level without damage)	Load VSWR<1.5:1 (50 Ohm)
Pin=-15 dBm	Load open or short for up to 10 minutes.
Pin=0 dBm	Load VSWR<3:1 for continuous operation
Thermal Degradation	55 ℃