

Noise generator

BBGen-pulse

100kHz to 5500MHz

Features

- LF to 5.5GHz flat output Gaussian noise, typically 21dB ENR (-93dBm/MHz)
- switched 5 Hz pulse modulator mode
- fully screened and filtered, rugged diecast enclosure
- 11v – 25v drive with reverse polarity protection

Applications

- R&D, field service, amateur radio and radio astronomy
- rapid receiver and system sensitivity checks
- quick look test equipment frequency response checks

Electrical specifications at 20°C

model	Frequency (MHz)		ENR (dB)		Output flatness (\pm dB)	50 Ω VSWR (:1) Noise on or off max	DC power	
	min	max	min	max			Volt	Current mA max
BBGen-pulse	0.1	5500	18.5	23.5	1.5	2.5	11-25.0	15.0

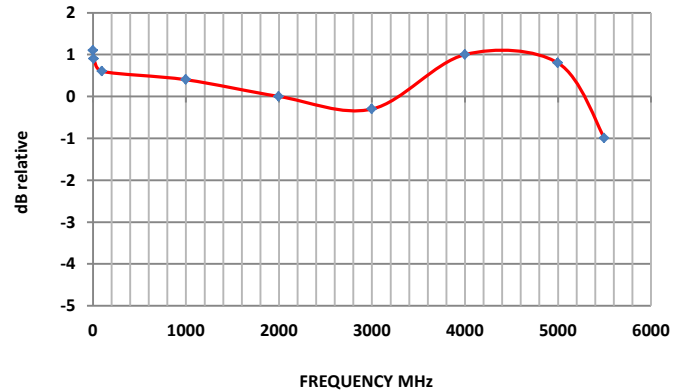
RF Design

Highfield Way, North Ferriby, East Yorkshire. HU14 3BG, UK.

Application notes available at www.g8fek.com



BBGen-pulse typical output flatness



Maximum ratings

Storage temperature	-30°C to + 70°C
Operating temperature	-10°C to +35°C
DC Voltage	+30.0V
RF reverse power	+20dBm at the output SMA

Dimensions: 72mm by 37mm by 30mm excluding connectors. Weight: 65g

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