

## The first indestructible transistor?

*Extremely rugged 1,200-W RF MOSFET survives live short circuits and open outputs*

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Semiconductor manufacturer NXP is mighty proud of its new high-power transistor, called BLF578XR, which is good for 1.2 kilowatts of RF power output. The device is suitable for use in RF amplifiers operating within the 10 to 500 MHz frequency range and has proved it's up against extremely adverse operating conditions.

NXP is so proud of her latest result of outstanding engineering achievement that they released a video demonstrating the load disconnected and even the output shorted with the RF amplifier in full operation, without so much as harming the transistor. Typical applications for this power semiconductor include the control of industrial lasers, etc.

### **More info**

- [NXP web page on BLF578XR](#)
- [Ruggedness test \(Youtube video\)](#)