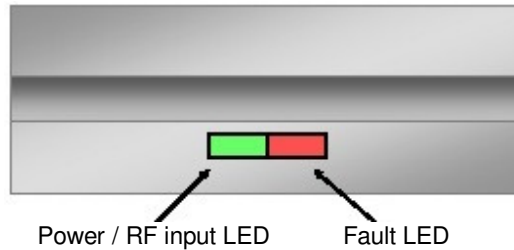


Harris Platinum I Amplifier Fault and Status LED's

Here are the statuses and faults indicated by the LEDs with additional explanation of their meaning (from the Cheese Bits June 2010 publication).



STATUS and Fault LED

Status /Fault	Indicated by
Reflected Power Fault (VSWR)	1 Blink
Input Overdrive (>3 dB)	2 Blink
FET Amplifier Imbalance (ISO)	3 Blink
+50 VDC Over / Under Voltage	4 Blink
Over Temperature Fault	5 Blink
FET Switch Failure	6 Blink
No LED's illuminated	+50 Volts not reaching the modules
Steady red LED	+50 Volts is applied but module is not enabled for transmit
Dim Green LED	Module is enabled for transmit but there is no, or little rf drive
Full green LED	Normal operation

On multiple faults, the lowest numerical value fault is given priority. If both VSWR and RF Overdrive are present, the LED will blink only once until the VSWR fault is fixed, then it will blink twice showing an RF fault.

After a fault is encountered, the amplifier can be reset by simply restoring it to the non-transmit condition. Then you can either fix the problem (such as switch antennas, reduce the drive power, etc.) and try again.