5300 Beethoven Street, Los Angeles, CA 90066
TEL: (310)306-5556 • FAX: (310)821-7413
WEB: www.ophirrf.com • E-MAIL: sales@ophirrf.com

MODEL 7011

20 - 1000 MHz
500/150 WATTS
BANDED POWER RF AMPLIFIER

Solid State Broadband High Power RF Amplifier

The 7011 is a dual channel broadband system that that covers the 20MHz – 1000 MHz frequency range in a single Antenna port.

The system includes RF high power switch controlled by the system controller. The RS232/Ethernet and/or Front panel key-pad provides full control of the HPA and reduces the power consumption to the minimum by shutting down the un-selected channel.

	Parameter	Specification @ 25° C
Electrical		
1	Frequency Range	20MHz – 1000 MHz
2	Output Power	500W typ @ Psat @ 20 to 230MHz 150W typ @ Psat @ 230 to 1000MHz
3	Nominal RF drive for rated power	0 dB typ.
4	Input VSWR	2:1 max
5	Harmonics	-15 dBc typ.
6	Spurious Signals	< -60 dBc typical
7	Temperature Protection	Baseplate above 80º C
8	AC Power Consumption (one channel transmits)	3000W max
11	AC Power Input	208-265VAC, 1Ø single Phase
9	Maximum RF Input	10 dBm max
10	Band Switching time	100mS max
Mechanical		
11	Dimensions	19” x 14” x 26”
12	Weight	150 lb. max
13	Connectors	Type-N
14	Grounding	Chassis
15	Cooling	Internal Forced Air
Environmental		
16	Operating Temperature	0º C to +50º C
17	Operating Humidity	95% Non-condensing
18	Operating Altitude	Up to 10,000’ Above Sea Level
19	Shock and Vibration	Normal Truck transport

Specifications subject to change without notice

0409

Approved By: _____ Date: _____

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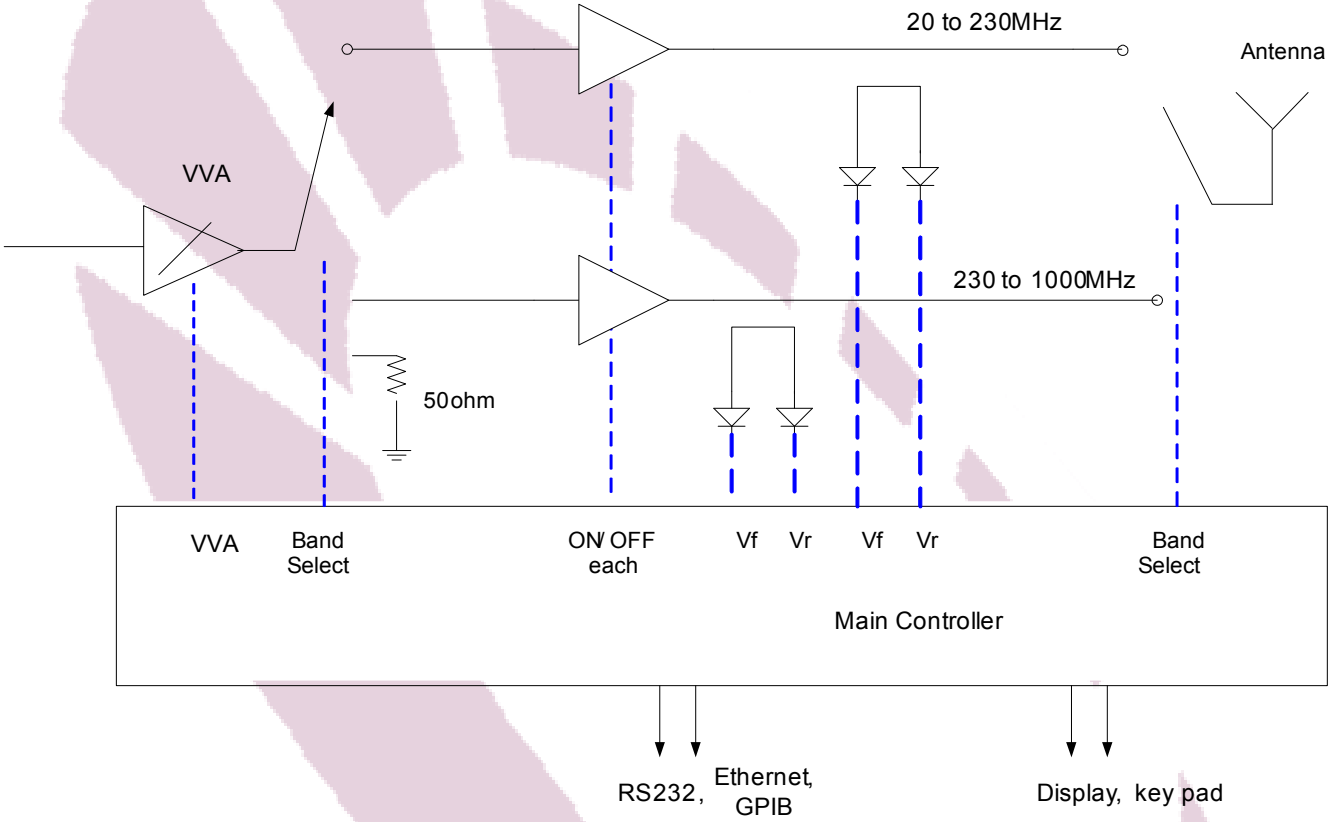

CIRCUIT INDICATIONS

◊ Forward Power
◊ Reflected power
◊ VSWR Fault
◊ Temp Fault
◊ Gain Setting (VVA) percentage

CIRCUIT PROTECTIONS

◊ Infinite VSWR
◊ Thermal Overload
◊ Over Current
◊ Over Voltage

CIRCUIT CONTROL

◊ Standby (amplifier disable)
◊ Gain/power setting with 25dB range
◊ Temp Fault
◊ Band Selection