

MODEL : ZSA5858 – 80M1GA

- Class A Solid state
- Broadband(Instantaneous Single Band)
- Linear Output Power
- Low Distortion
- Internal Systems Diagnostics and Status Indicator
- Bench Case
- 3Years Standard Warranty

Built – In Protection

- High Temperature
- Supply Voltage
- FWD Over Power
- REF Over Power

Maintenance

- Amplifier Designed For Minimal Maintenance
- Rapid Diagnostic
- Minimal Downtime

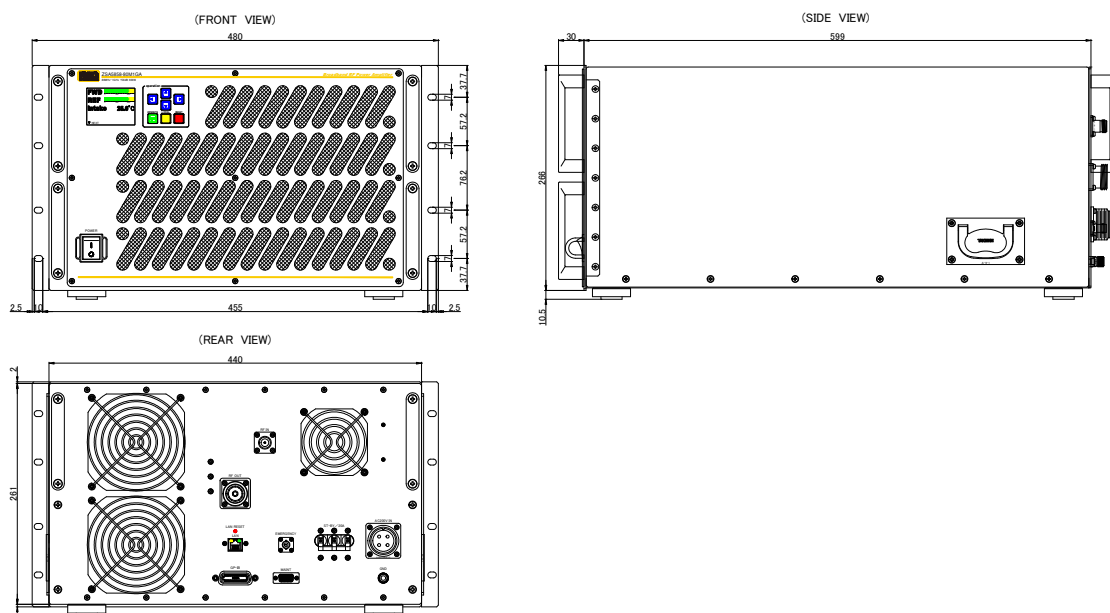
Applications

- EMC Tests
- RF Tests And Instrumentation
- Radio communication
- Measurement And Research Laboratories

Additional Options

- RF Connector Type
- RF Sample Port (Front or Rear Panel)
- Detected Sample Port (Front or Rear Panel)
- RF Input Switch
- Gain Control

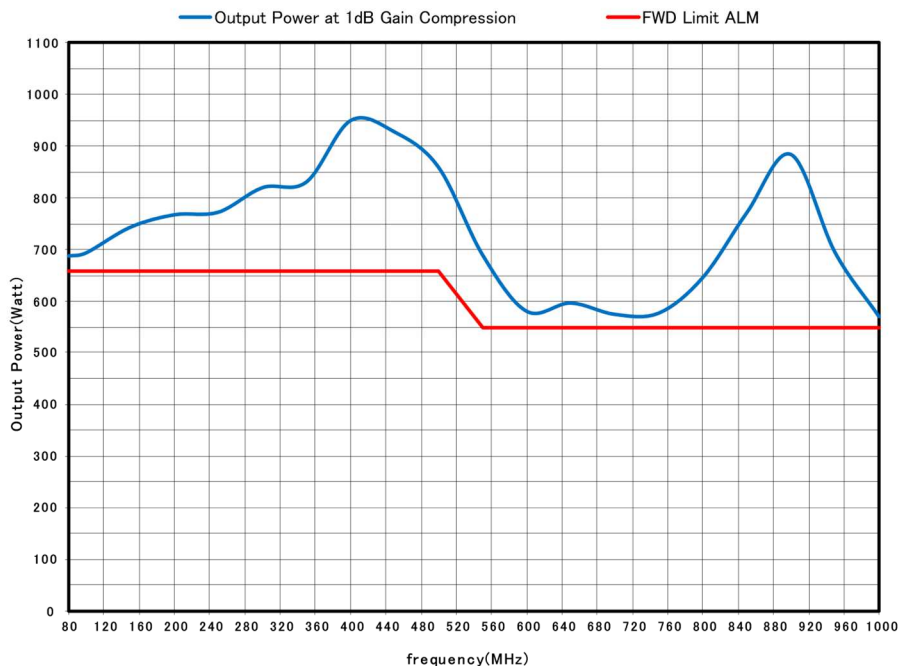
Outline Drawing ※ In Millimeters



Specifications

• Frequency Bandwidth	80MHz - 1GHz
• Rated Output Power(1dB Gain Compression)	600W CW (min)@80M~500MHz 500W CW (min)@500M~1GHz
• Class Type	Class A
• Gain	58dB (min)
• Gain Flatness	±3.5dB (max)
• Impedance	50ohms nominal
• Harmonics	-18dBc (min) @Po=minimum P1dB SPEC
• Spurious	-70dBc (max) @Po=minimum P1dB SPEC
• Input VSWR	2:1 (max)
• RF Input Connector	N-Female (Rear Panel)
• RF Output Connector	7/16-Female (Rear Panel)
• Input Power	+3dBm (max)
• Operating Temperature	0°C - +35°C
• Room Temperature Storage	-20°C - +70°C
• Cooling	Forced Air (Self Contained Fans)
• Power Voltage	200-240VAC, 50 - 60Hz, Three Phase
• Rated Current	15A at 200VAC Three Phase
• Weight	50kg
• Dimensions	(W)480 x (D)600 x (H)266 mm
• Safety Interlock	Connector Type BNC-Female
• REMOTE	IEEE488 Ethernet

Model ZSA5858-80M1GA Typical Power Output



※ Continual operation exceeded specified power-output may cause product damage.

Revision History

Rev	Item	Details	DATA
-01	Rated Output Power(1dB Gain Compression)	600W CW (min)@80M~500MHz 500W CW (min)@500M~1GHz	2026/05/07
	Gain Flatness	±3.5dB (max)	
	Operating Temperature	0°C - +35°C	