

MODEL : ZSA5656 – 800M3.2G

- Class A Solid state
- Utilises the latest GaN-HEMT
- Broadband(Instantaneous Single Band)
- Linear Output Power(1dB Gain Compression)
- Low Distortion
- Internal Systems Diagnostics and Status Indicator
- 19" System Rack / 14U
- 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

Other Amplifiers Available

- | | |
|----------------------|--------|
| • ZSA4343 – 800M3.2G | ⇒ 20W |
| • ZSA4545 – 800M3.2G | ⇒ 30W |
| • ZSA4848 – 800M3.2G | ⇒ 60W |
| • ZSA5050 – 800M3.2G | ⇒ 100W |
| • ZSA5454 – 800M3.2G | ⇒ 250W |
| • ZSA5858 – 800M3.2G | ⇒ 600W |
| • ZSA5959 – 800M3.2G | ⇒ 800W |

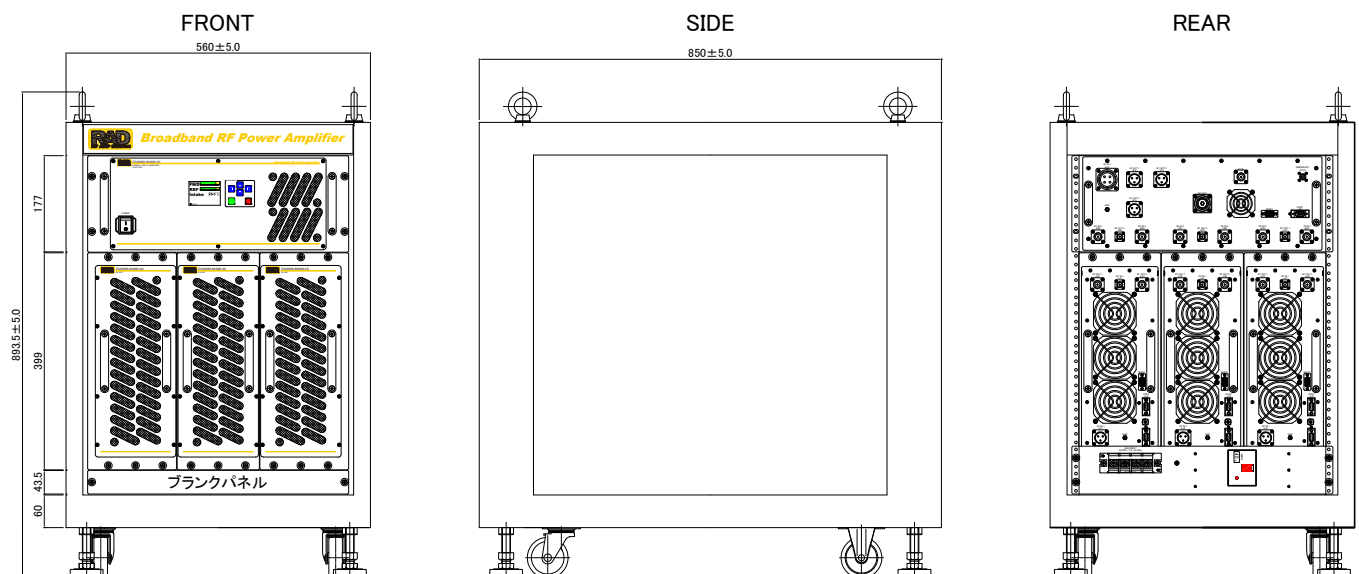
Applications

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

Additional Options

- RF Connector Type
- RF Connector on Front Panel
- RF Sample Port (Front or Rear Panel)
- Detected Sample Port (Front or Rear Panel)
- RF Input Switch
- Gain Control
- IEEE488 Control

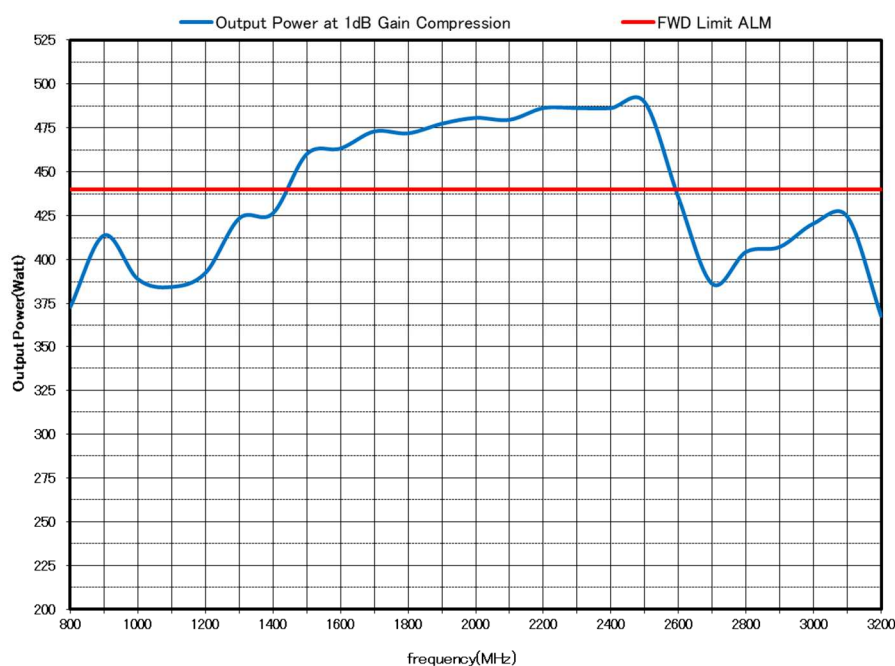
Outline Drawing ※ In Millimeters



Specifications

• Frequency Bandwidth	800MHz - 3.2GHz
• Rated Output Power(1dB Gain Compression)	400W CW (typ) 350W CW (min)
• Class Type	Class A
• Gain	56dB (min)
• Gain Flatness	± 3.0 dB (max)
• Impedance	50ohms nominal
• Harmonics	-20dBc (max) @Po=350W -70dBc (max) @Po=350W -80dBc (typical)
• Spurious	
• Input VSWR	2:1 (max)
• Output VSWR	3:1 (max)
• RF Input Connector	N-Female (Rear Panel@CONT UNIT)
• RF Output Connector	7/16-Female (Rear Panel@CONT UNIT)
• 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	20A at 200VAC @Po=350W
• Weight	200kg
• Dimensions	19"System Rack / EIA 14U (W)560 × (D)850 × (H)893.5mm
• Safety Interlock	Connector Type BNC-Female

Model ZSA5656-800M3.2G Typical Power Output



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