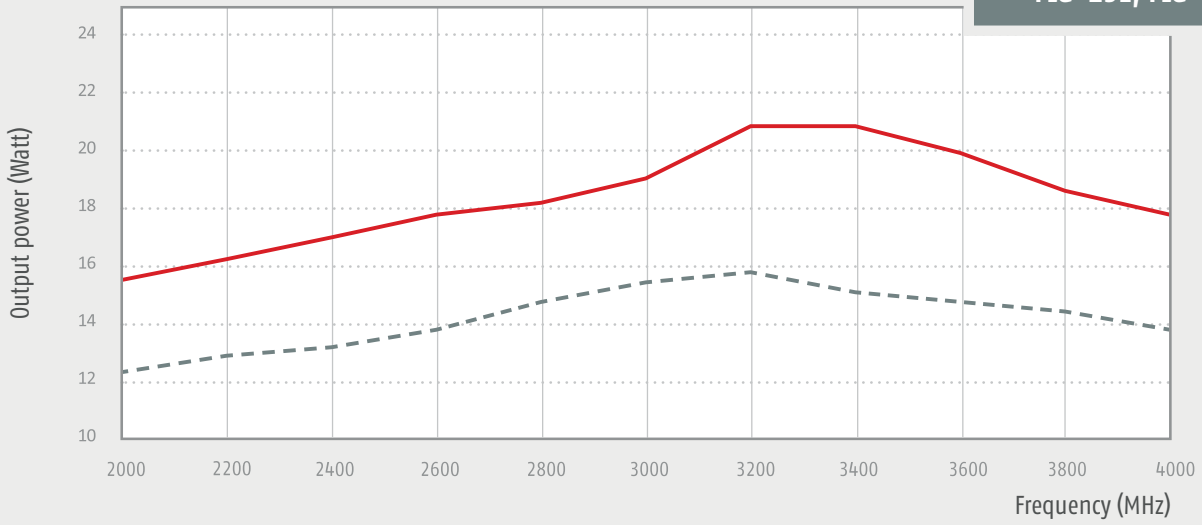


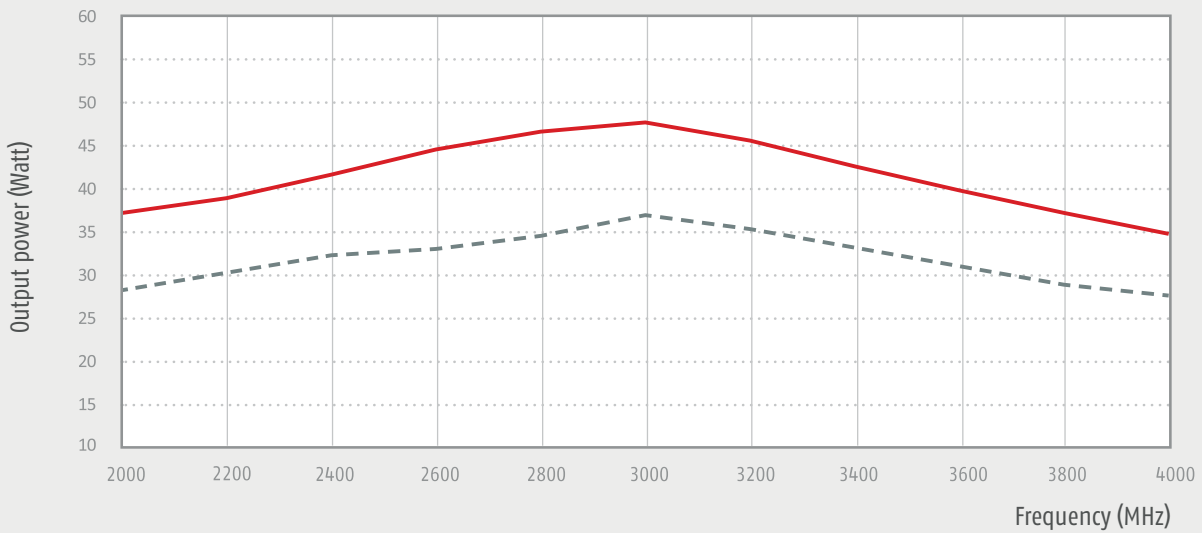
| Part Number | | FLG-15E | FLG-30E | FLG-60E |
|---|---|--|--|--|
| Frequency range | | 2GHz-4GHz | 2GHz-4GHz | 2GHz-4GHz |
| Output Power typ. | | 15 W | 30 W | 60 W |
| Output Power @ 1dB Compression, typ. min. | | see Diagramm | see Diagramm | see Diagramm |
| RF Input, max. | | +10 dBm | +10 dBm | +10 dBm |
| Gain, typ. | | +43 dB | +46 dB | +49 dB |
| Flatness, typ. | | ±1.5 dB | ±1.5 dB | ±3 dB |
| IP3, typ. | | +51 dBm | +54 dBm | +56 dBm |
| Input VSWR, max. | | 2:1 | 2:1 | 2:1 |
| Harmonics @ 1 dB comp., typ. | | -20 dBc @ 12W | -20 dBc @ 24W | -20 dBc @ 40W |
| Spurious Signals @ 1 dB comp., typ. | | <-60 dBc @ 12W | <-60 dBc @ 24W | <-60 dBc @ 40W |
| Input / Output Impedance | | 50 Ω / 50 Ω | 50 Ω / 50 Ω | 50 Ω / 50 Ω |
| Connectors In / Out | | N(f)N(f) | N(f)N(f) | N(f)N(f) |
| Dimensions (mm) | W | 483 (19") | 483 (19") | 483 (19") |
| | H | 134 | 134 | 134 |
| | D | 508 | 508 | 508 |
| Weight | | 14 kg | 16 kg | 22 kg |
| AC Power Input (W) | | 200 | 350 | 600 |
| Power Supply (VAC) | | 100-240 | 100-240 | 100-240 |
| Phases | | 1 | 1 | 1 |
| Operating Temperature (°C) | | 0/+50 | 0/+50 | 0/+50 |
| Operating Humidity Non-Condensing (%) | | 95 | 95 | 95 |
| Cooling | | Internal forced air | Internal forced air | Internal forced air |
| Circuit Protection | | Thermal Overload Over Current Over Voltage | Thermal Overload Over Current Over Voltage | Thermal Overload Over Current Over Voltage |
| Following types available: | | S, E | S, E | S, E |

FLG-15E

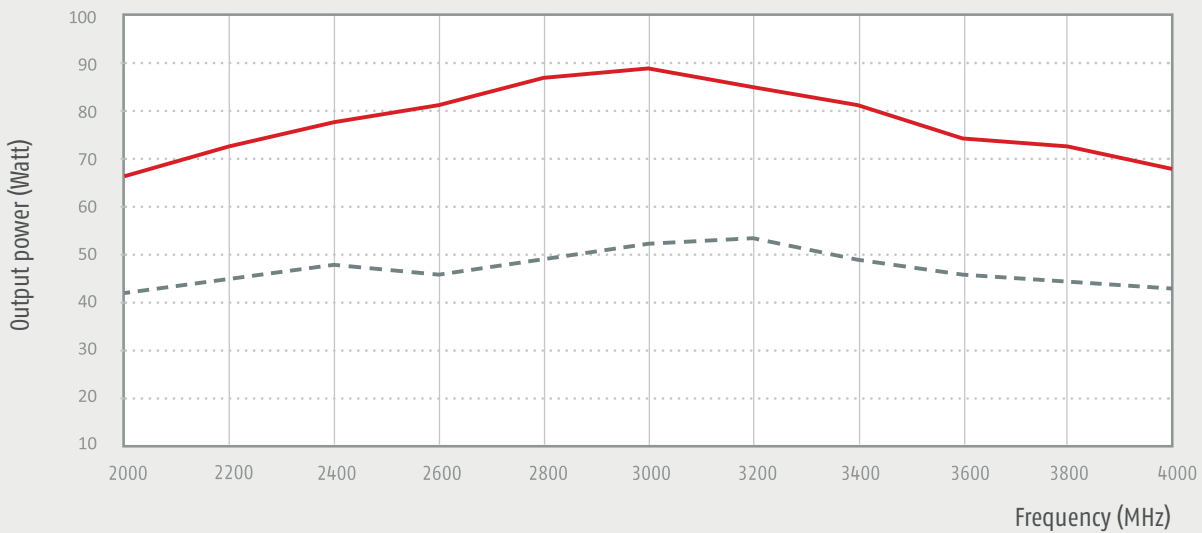
FLG-15E, FLG-30E, FLG-60E



FLG-30E



FLG-60E



Output Power (compression max. = 1dB)



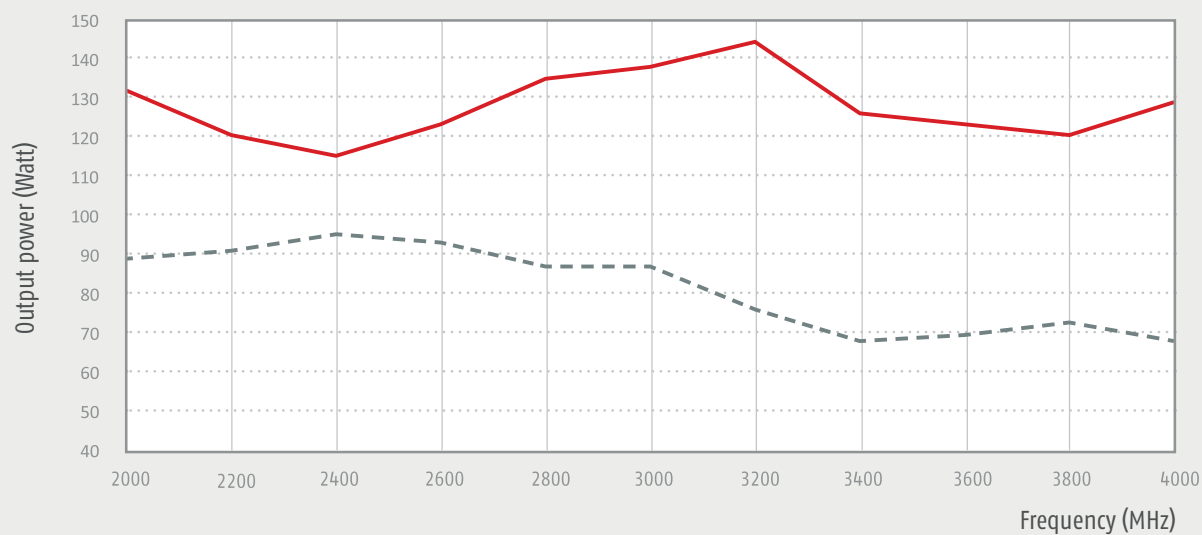
Output Power (compression max. = 3dB)



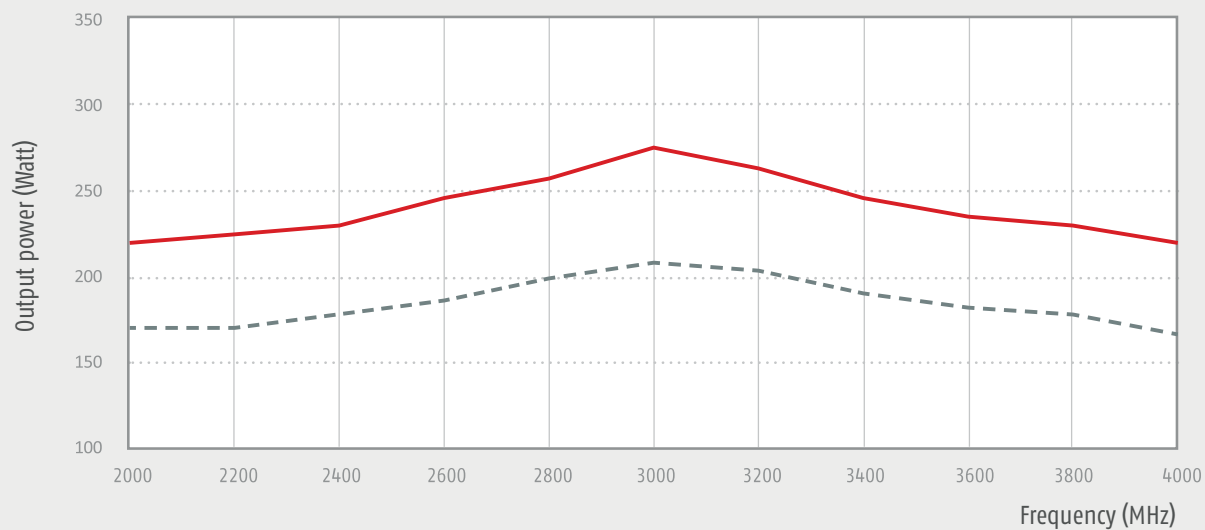
2 GHz – 4 GHz

| Part Number | | FLG-100E | FLG-200E |
|---|---|--|--|
| Frequency range | | 2GHz-4GHz | 2GHz-4GHz |
| Output Power typ. | | 100 W | 200 W |
| Output Power @ 1dB Compression, typ. min. | | see Diagramm | see Diagramm |
| RF Input, max. | | +10 dBm | +3 dBm |
| Gain, typ. | | +51 dB | +54 dB |
| Flatness, typ. | | ±3.0 dB | ±2.0 dB |
| IP3, typ. | | +55 dBm | +57 dB |
| Input VSWR, max. | | 2:1 | 2:1 |
| Harmonics @ 1 dB comp., typ. | | -20 dBc @ 60W | -20 dBc @ 120W |
| Spurious Signals @ 1 dB comp., typ. | | <-60 dBc @ 60W | <-60 dBc @ 120W |
| Input / Output Impedance | | 50 Ω / 50 Ω | 50 Ω / 50 Ω |
| Connectors In / Out | | N(f)N(f) | N(f)N(f) |
| Dimensions (mm) | W | 483 (19") | 483 (19") |
| | H | 134 | 223 |
| | D | 508 | 610 |
| Weight | | 34 kg | 42 kg |
| AC Power Input (W) | | 800 | 1500 |
| Power Supply (VAC) | | 110-240 | 100-240 |
| Phases | | 1 | 1 |
| Operating Temperature (°C) | | 0/+50 | 0/+50 |
| Operating Humidity Non-Condensing (%) | | 95 | 95 |
| Cooling | | Internal forced air | Internal forced air |
| Circuit Protection | | Thermal Overload Over Current Over Voltage | Thermal Overload Over Current Over Voltage |
| Following types available: | | S, E | S, E |

FLG-100E



FLG-200E



■ Output Power (Compression max. = 3dB)

▤ Output Power (Compression max. = 1dB)