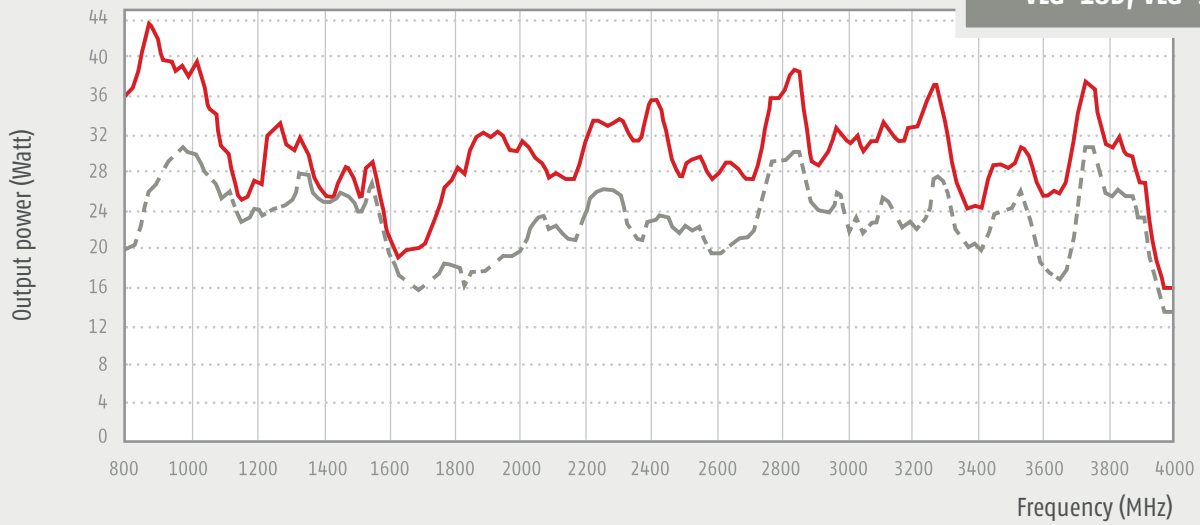


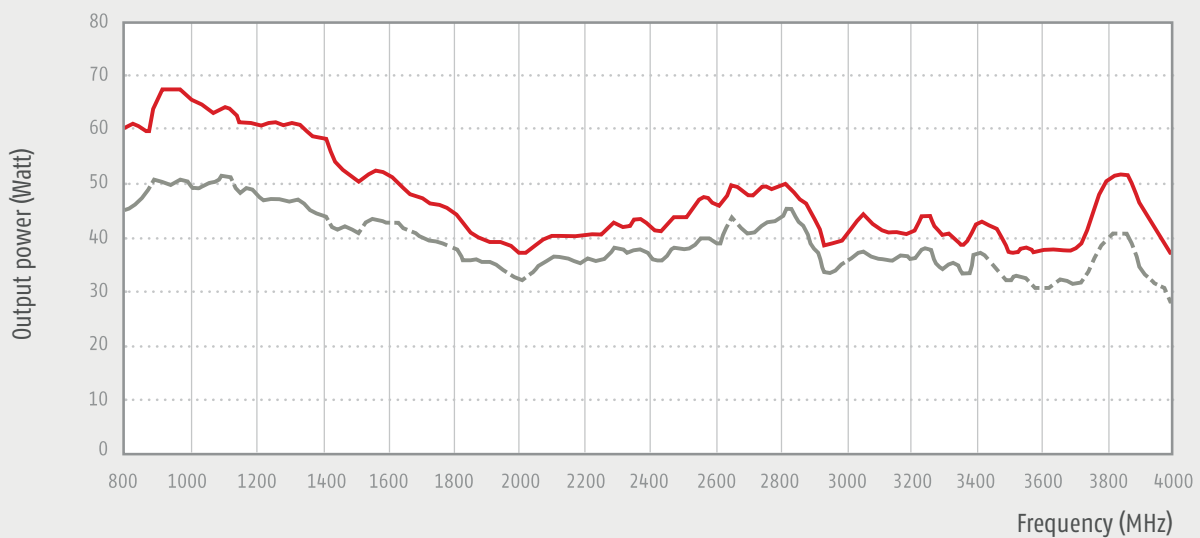
| Part Number | | VLG-18D | VLG-35D | VLG-65D |
|---|---|---|---|---|
| Frequency range | | 0,8GHz-4GHz | 0,8GHz-4GHz | 0,8GHz-4GHz |
| Output Power typ. | | 18 W | 35 W | 65 W |
| Output Power @ 1dB Compression, typ. min. | | see Diagramm | see Diagramm | see Diagramm |
| RF Input, max. | | +10 dBm | +10 dBm | +10 dBm |
| Gain, typ. | | 47 dB | 47 dB | 46 dB |
| Flatness, typ. | | ±5 dB | ±5 dB | ±5 dB |
| Input VSWR | | 2:1 | 2:1 | 2:1 |
| Harmonics @ 1 dB comp. | | H2, H3 <-20 dBc | H2, H3 <-20 dBc | H2, H3 <-20 dBc |
| Class type | | A | A | A |
| 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 | 450 | 450 | 450 |
| | H | 89 (2 HU) | 178 (4 HU) | 178 (4 HU) |
| | D | 640 | 640 | 640 |
| Weight | | 12 kg | 20 kg | 25 kg |
| Rated current | | 2.2A @ 110VAC 1A @ 230VAC | 3.1A @ 110VAC 1.5A @ 230VAC | 4.5A @ 110VAC 2.2A @ 230VAC |
| Power Supply (VAC) | | 90-250, 47-63 Hz | 90-250, 47-63 Hz | 90-250, 47-63 Hz |
| Phases | | 1 | 1 | 1 |
| Operating Temperature (°C) | | 0 / +35 | 0 / +35 | 0 / +35 |
| Room temperature storage (°C) | | -20 / +70 | -20 / +70 | -20 / +70 |
| Cooling / Forced air | | Self contained fans 20 l / sec. max. | Self contained fans 60 l / sec. max. | Self contained fans 60 l / sec. max. |
| Following types available: | | S, SC, D, DC | S, SC, D, DC | S, SC, D, DC |

VLG-18D

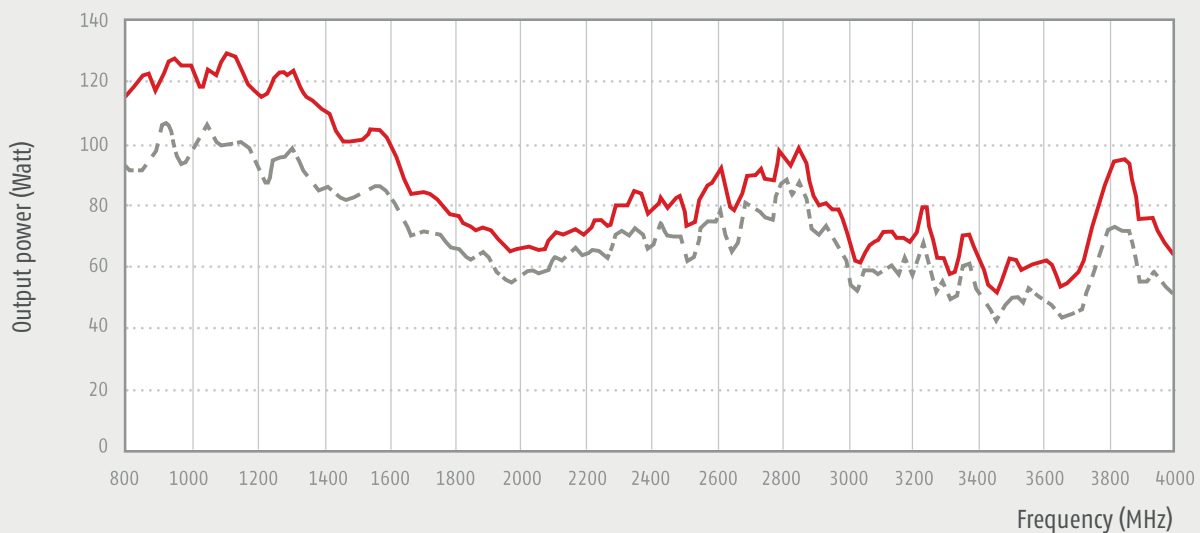
VLG-18D, VLG-35D, VLG-65D



VLG-35D



VLG-65D



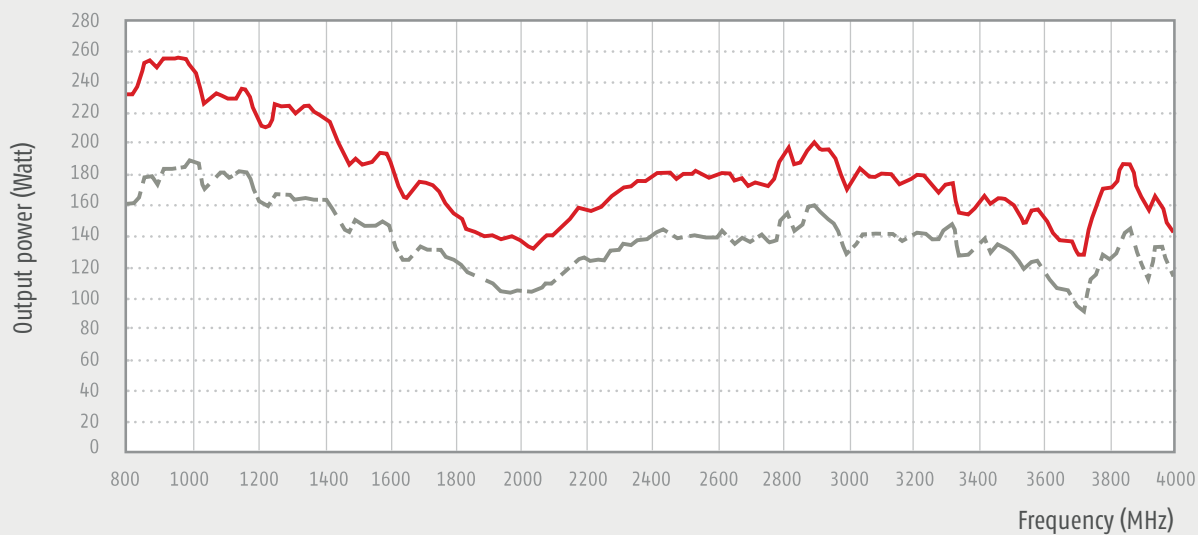
Output Power (compression max. = 1dB)

Output Power (compression max. = 3dB)

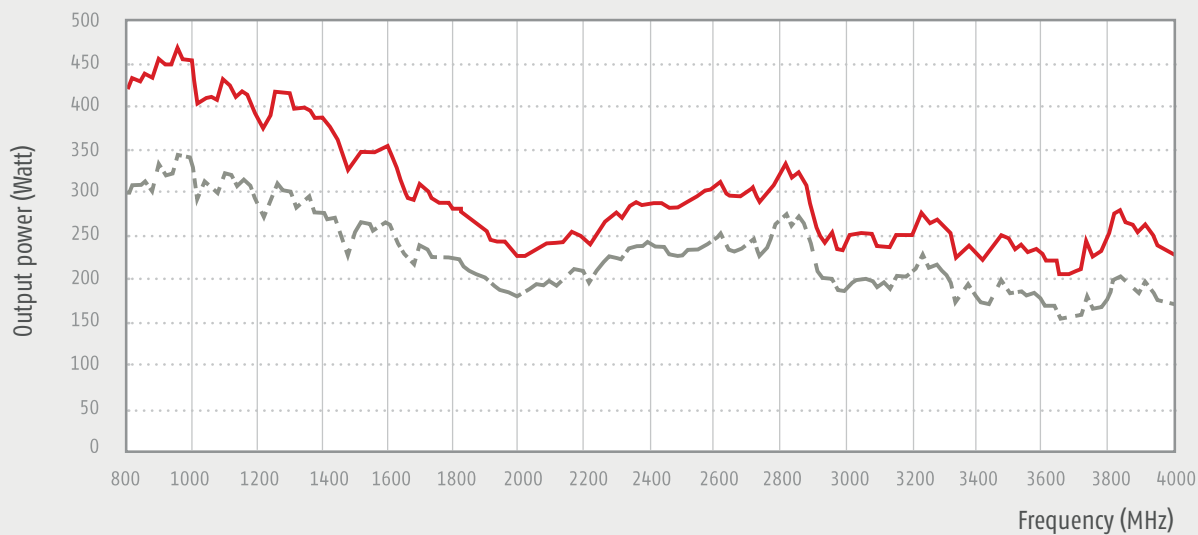
0,8 GHz – 4 GHz

| Part Number | | VLG-100D | VLG-200D |
|---|---|--------------------------------------|--------------------------------------|
| Frequency range | | 0,8GHz-4GHz | 0,8GHz-4GHz |
| Output Power typ. | | 100 W | 200 W |
| Output Power @ 1dB Compression, typ. min. | | see Diagramm | see Diagramm |
| RF Input, max. | | +10 dBm | +10 dBm |
| Gain, typ. | | +56 dB | +54 dB |
| Flatness, typ. | | ±5 dB | ±5 dB |
| Input VSWR | | 2:1 | 2:1 |
| Harmonics @ 1 dB comp. | | H2, H3 <-20 dBc | H2, H3 <-20 dBc |
| Class type | | A | A |
| 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 | 450 | 450 |
| | H | 312 (7 HU) | 312 (7 HU) |
| | D | 640 | 640 |
| Weight | | 33 kg | 45 kg |
| Rated current | | 4.8A @ 230VAC | 8.5A @ 230VAC |
| Power Supply (VAC) | | 200-250, 47-63 Hz | 200-250, 47-63 Hz |
| Phases | | 1 | 1 |
| Operating Temperature (°C) | | 0 / +35 | 0 / +35 |
| Room temperature storage (°C) | | -20 / +70 | -20 / +70 |
| Cooling / Forced air | | Self contained fans 120l / sec. max. | Self contained fans 120l / sec. max. |
| Following types available: | | D, DC | D, DC |

VLG-100D



VLG-200D

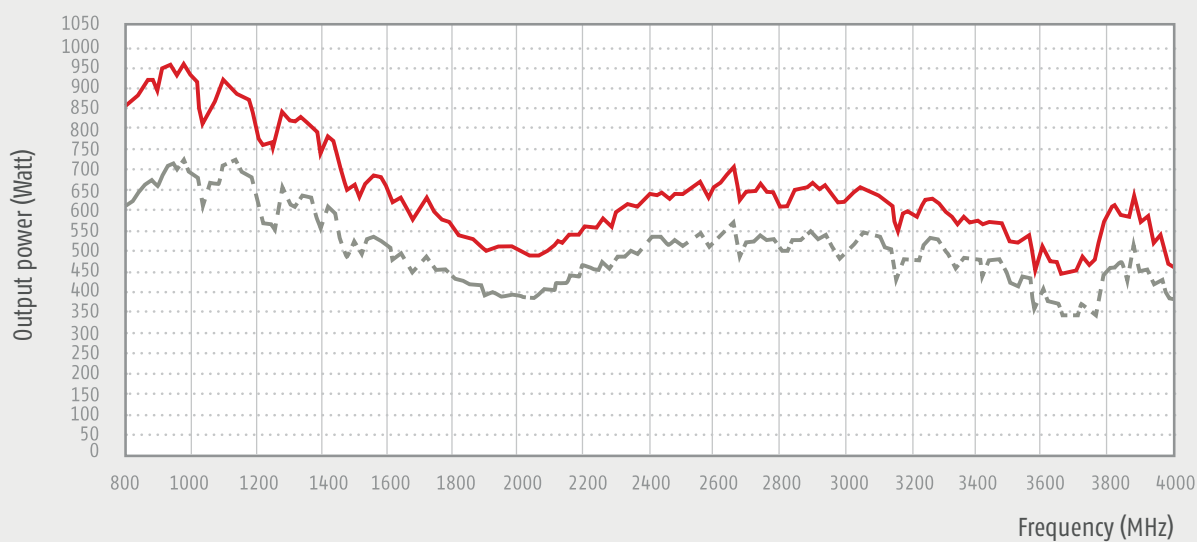


- Output Power (Compression max. = 3dB)
- Output Power (Compression max. = 1dB)

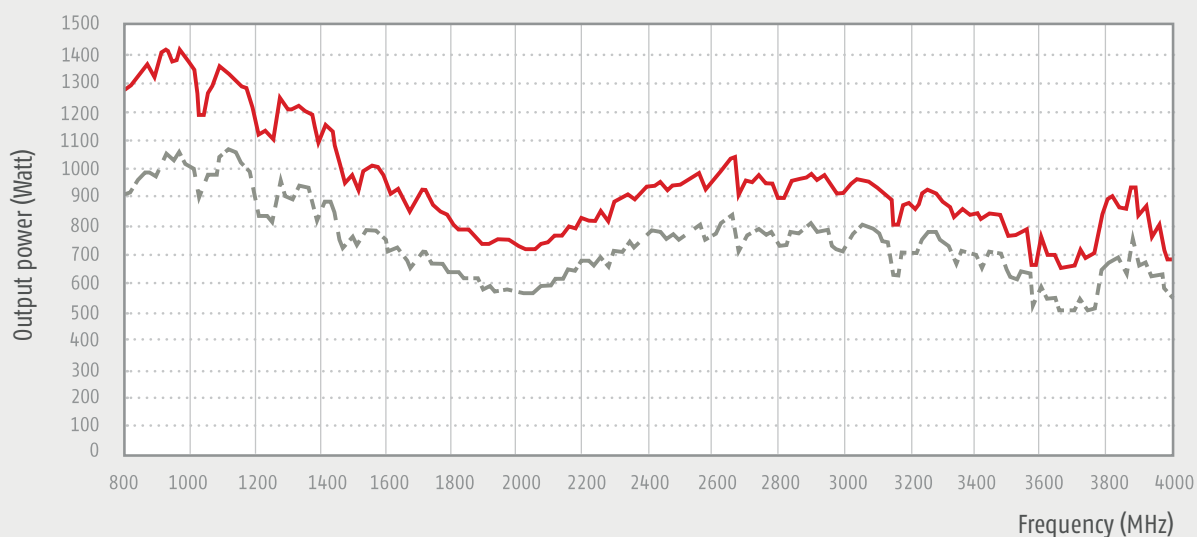
0,8 GHz – 4 GHz

| Part Number | VLG-420D | VLG-800D |
|---|--------------------------------------|--------------------------------------|
| Frequency range | 0,8GHz-4GHz | 0,8GHz-4GHz |
| Output Power typ. | 420 W | 800 W |
| Output Power @ 1dB Compression, typ. min. | see Diagramm | see Diagramm |
| RF Input, max. | +10 dBm | +10 dBm |
| Gain, typ. | +57 dB | +60 dB |
| Flatness, typ. | ±5 dB | ±5 dB |
| Input VSWR | 2:1 | 2:1 |
| Harmonics @ 1 dB comp. | H2, H3 <-20 dBc | H2, H3 <-20 dBc |
| Class type | A | A |
| Input / Output Impedance | 50 Ω / 50 Ω | 50 Ω / 50 Ω |
| Connectors In / Out | 7/16(f) N(f) | 7/16(f) N(f) |
| Dimensions (mm) | W H D | 600 (30U) 1590 (30 HU) 840 |
| Weight | 230 kg | 320 kg |
| Rated current | 4 kVA | 7.5 kVA |
| Power Supply (VAC) | 47-63 Hz | 47-63 Hz |
| Phases | 3 | 3 |
| Operating Temperature (°C) | 0 / +35 | 0 / +35 |
| Room temperature storage (°C) | -20 / +70 | -20 / +70 |
| Cooling / Forced air | Self contained fans 240l / sec. max. | Self contained fans 480l / sec. max. |
| Following types available: | DC | DC |

VLG-420D



VLG-800D



■ Output Power (Compression max. = 3dB)

□ Output Power (Compression max. = 1dB)