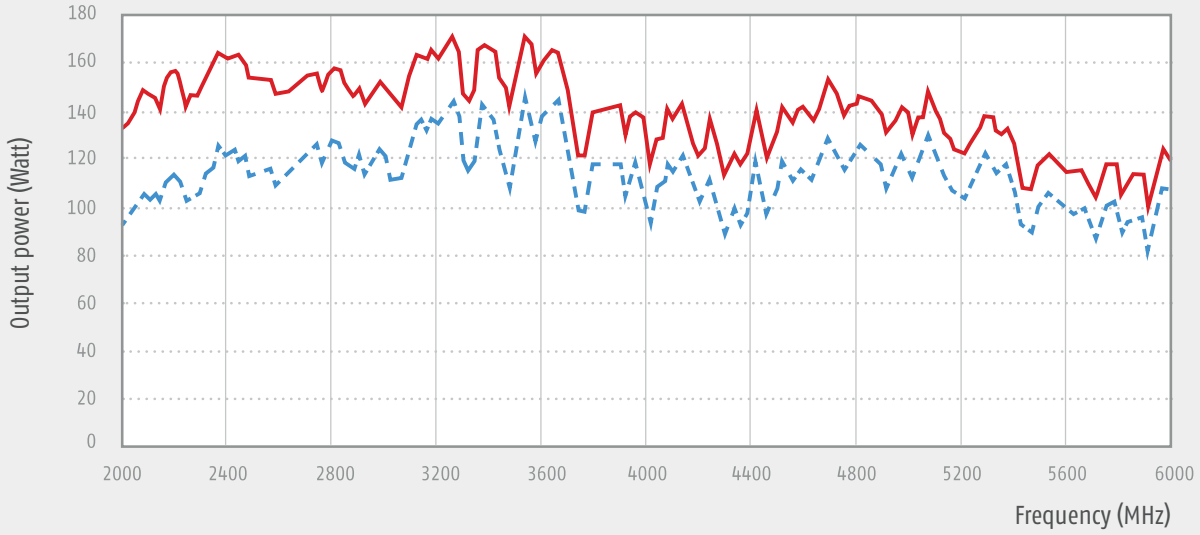
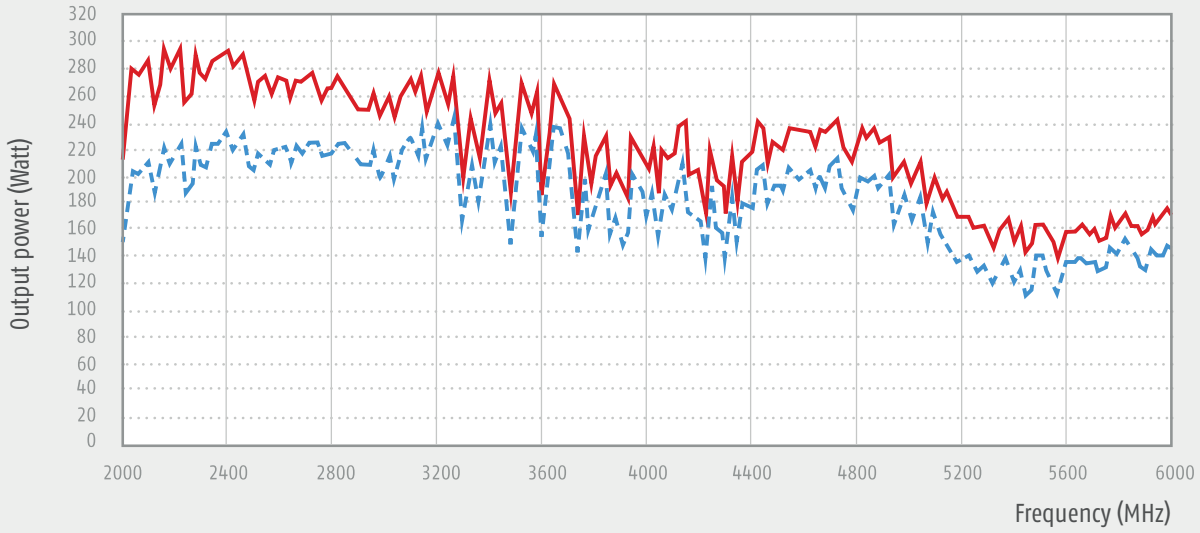


VLG-100F, VLG-180F

VLG-100F



VLG-180F



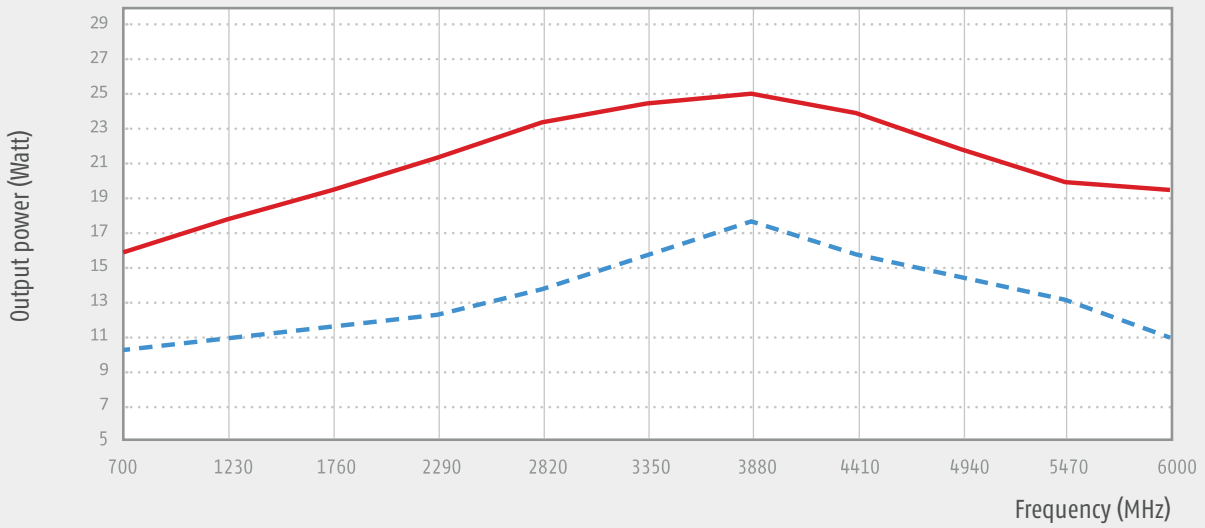
- Output Power (Compression max. = 3dB)
- Output Power (Compression max. = 1dB)

0.7 GHz – 6 GHz

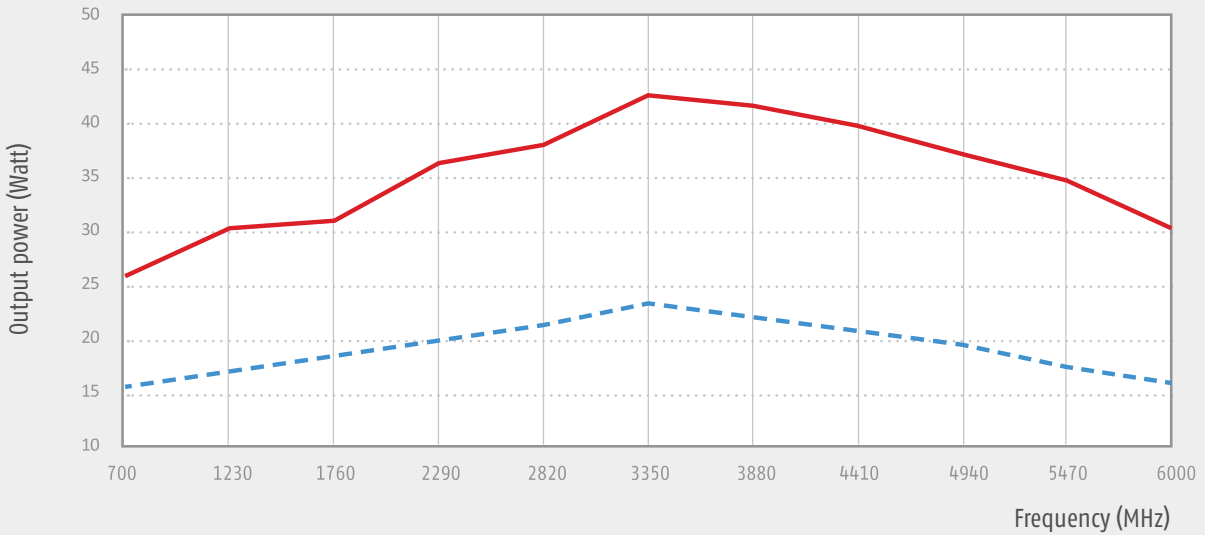
Part Number		FLG-15G	FLG-25G
Frequency range		0.7GHz-6GHz	0.7GHz-6GHz
Output Power typ.		15 W	25 W
Output Power @ 1dB Compression, typ. min.		see Diagramm	see Diagramm
RF Input, max.		0 dBm	0 dBm
Gain, typ.		+42 dB	+44 dB
Flatness, typ.		±5 dB	±5 dB
IP3, typ.		+45 dBm	+47 dBm
Input VSWR, max.		2:1	2:1
Harmonics @ 1 dB comp., typ.		-20 dBc @ 10W	-20 dBc @ 15W
Spurious Signals @ 1 dB comp., typ.		<-60 dBc @ 10W	<-60 dBc @ 15W
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	134
	D	534	534
Weight		21 kg	22 kg
AC Power Input (W)		350	600
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-15G, FLG-25G

FLG-15G



FLG-25G



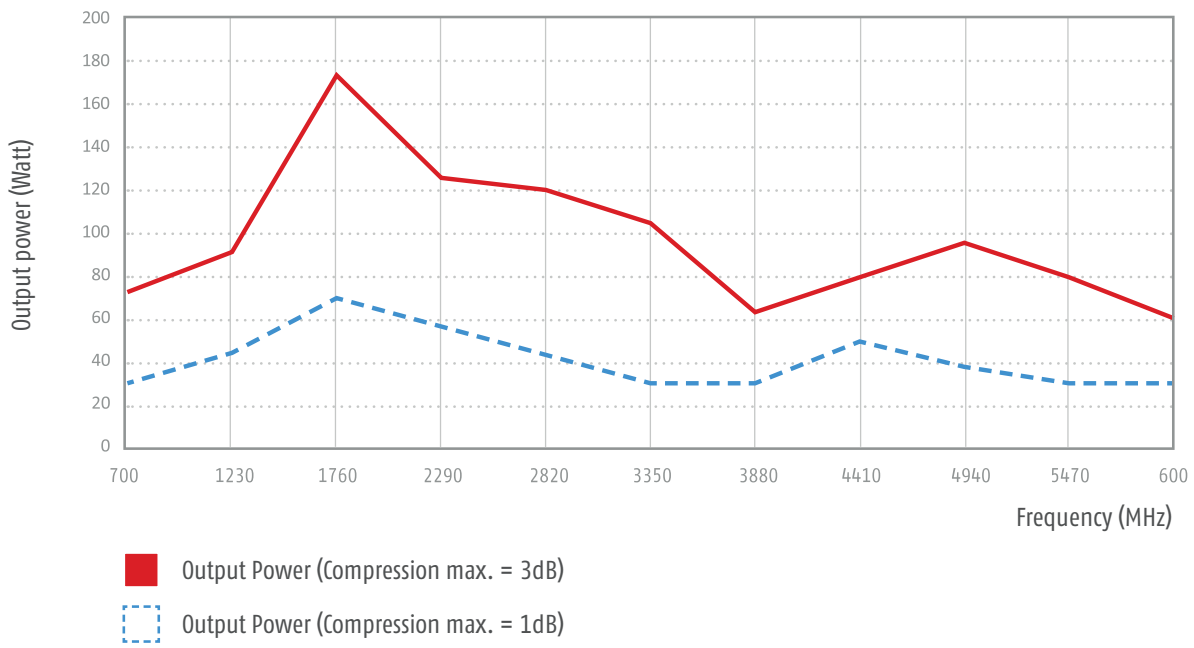
- Output Power (Compression max. = 3dB)
- Output Power (Compression max. = 1dB)

0.7 GHz – 6 GHz

Part Number		FLG-50G
Frequency range		0.7GHz-6GHz
Output Power typ.		50 W
Output Power @ 1dB Compression, typ. min.		see Diagramm
RF Input, max.		0 dBm
Gain, typ.		+48 dB
Flatness, typ.		±5 dB
IP3, typ.		+52 dBm
Input VSWR, max.		2:1
Harmonics @ 1 dB comp., typ.		-20 dBc @ 30W
Spurious Signals @ 1 dB comp., typ.		<-60 @ 30W
Input / Output Impedance		50 Ω / 50 Ω
Connectors In / Out		N(f)N(f)
Dimensions (mm)	W	483 (19")
	H	134
	D	534
Weight		25 kg
AC Power Input (W)		650
Power Supply (VAC)		110-240
Phases		1
Operating Temperature (°C)		0/+50
Operating Humidity Non-Condensing (%)		95
Cooling		Internal forced air
Circuit Protection		Thermal Overload Over Current Over Voltage
Following types available:		S, E

FLG-50G

FLG-50G



0.7 GHz – 6 GHz

Part Number		FLG-100G	FLG-200G
Frequency range		0.7GHz-6GHz	0.7GHz-6GHz
Output Power typ.		100 W	200 W
Output Power @ 1dB Compression, typ. min.		see Diagramm	see Diagramm
RF Input, max.		+3 dBm	+10 dB
Gain, typ.		+53 dB	+55 dB
Flatness, typ.		±4 dB	±3.5 dB
IP3, typ.		+54 dBm	+60 dBm
Input VSWR, max.		2:1	2:1
Harmonics @ 1 dB comp., typ.		-20 dBc @ P1dB	-20 dBc @ 150W
Spurious Signals @ 1 dB comp., typ.		<-60 @ P1dB	<-60 dBc @ 150W
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	223	661
	D	610	134
Weight		44 kg	84 kg
AC Power Input (W)		3000	3000
Power Supply (VAC)		100-240	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