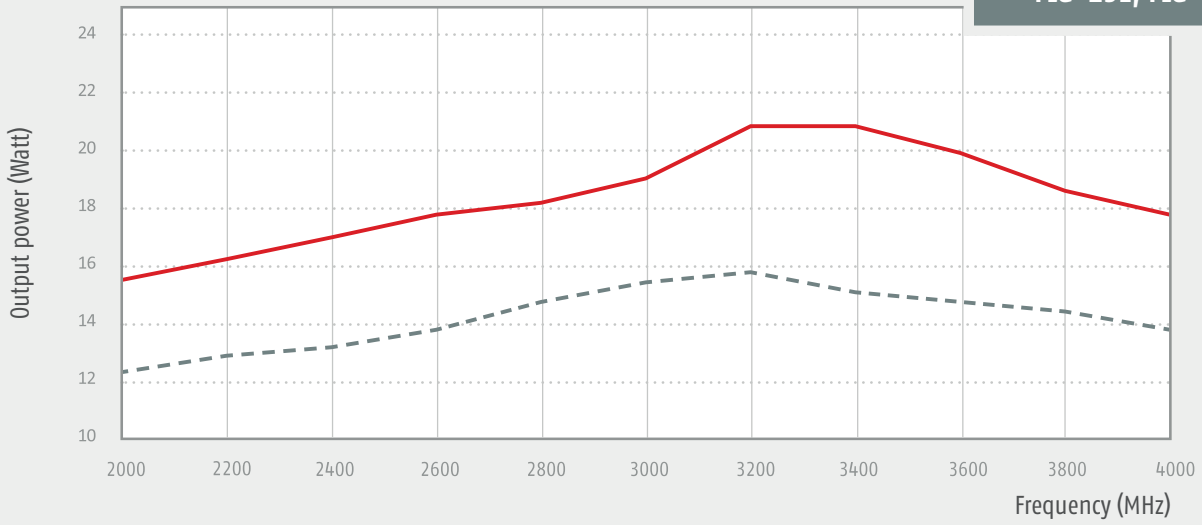


## 2 GHz – 4 GHz

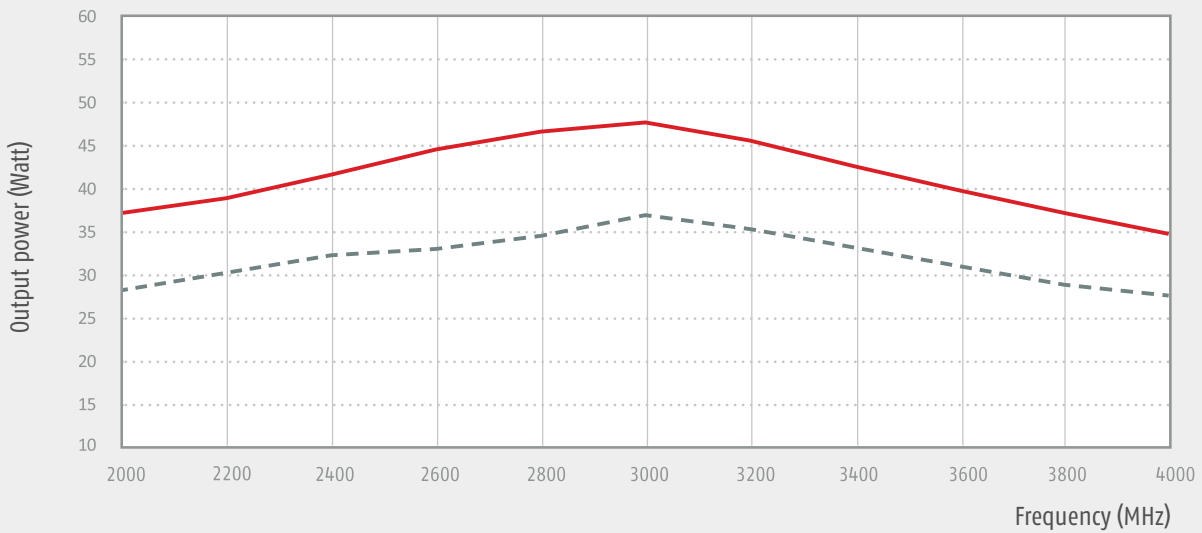
Part Number		FLG-15E	FLG-30E	FLG-60E
Frequency range		2GHz-4GHz	2GHz-4GHz	2GHz-4GHz
Output Power typ.		15 W	30 W	60 W
Output Power @ 1dB Compression, typ. min.		see Diagramm	see Diagramm	see Diagramm
RF Input, max.		+10 dBm	+10 dBm	+10 dBm
Gain, typ.		+43 dB	+46 dB	+49 dB
Flatness, typ.		±1.5 dB	±1.5 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

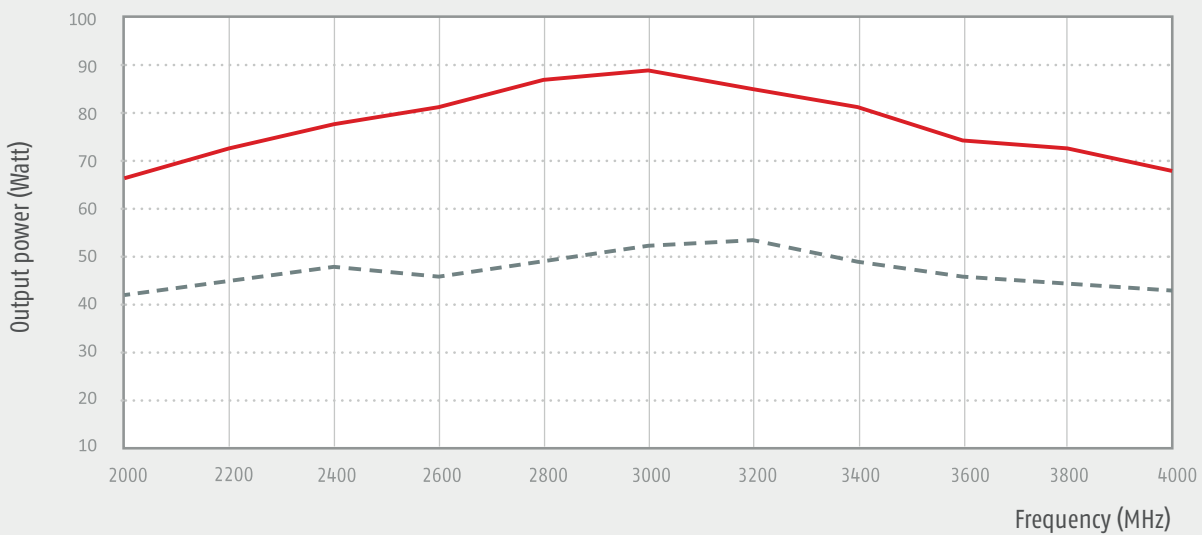
FLG-15E, FLG-30E, FLG-60E



FLG-30E



FLG-60E



Output Power (compression max. = 1dB)



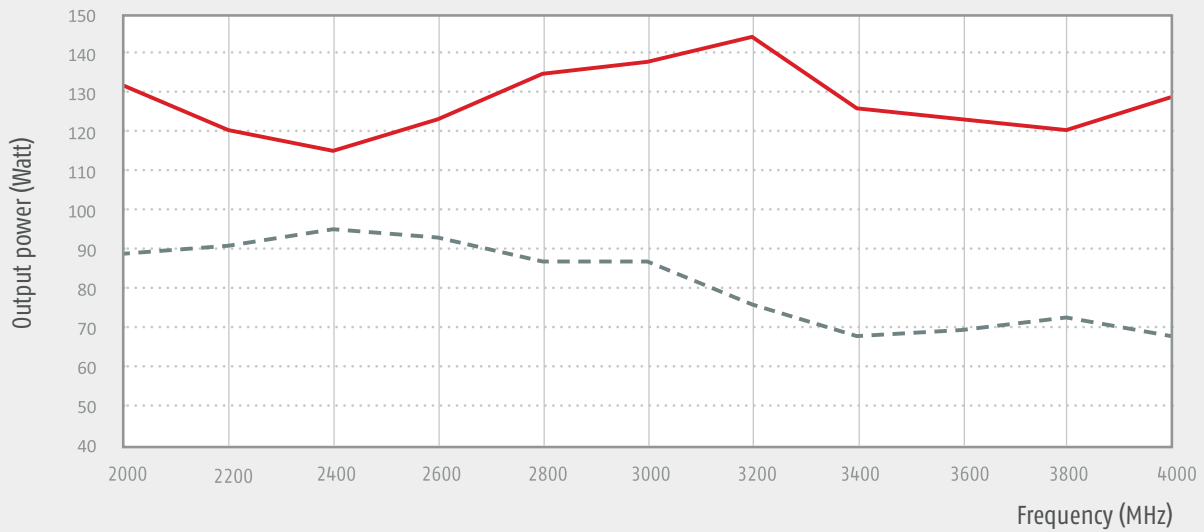
Output Power (compression max. = 3dB)



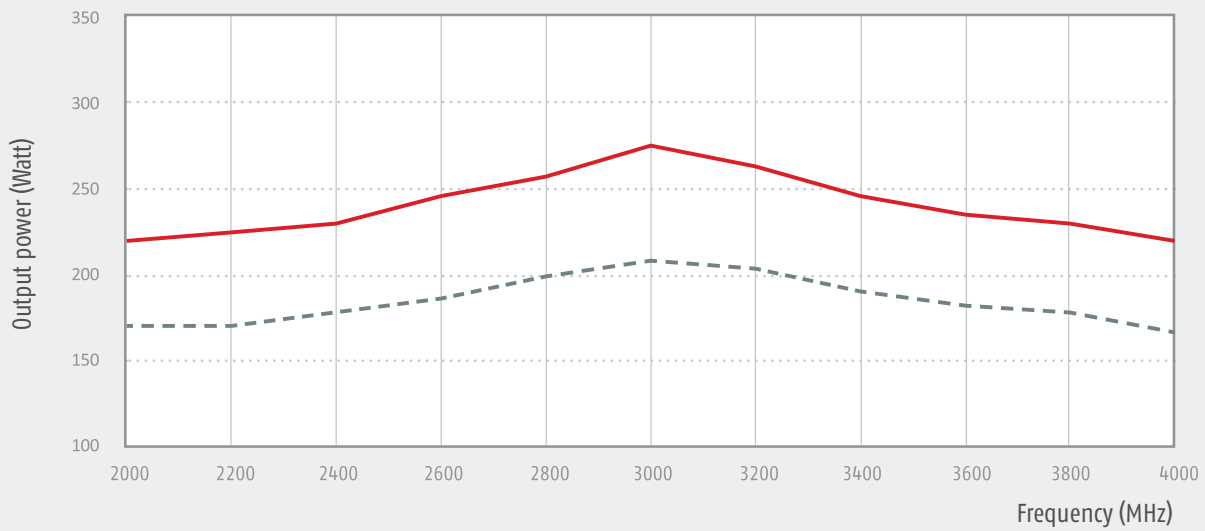
## 2 GHz – 4 GHz

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)