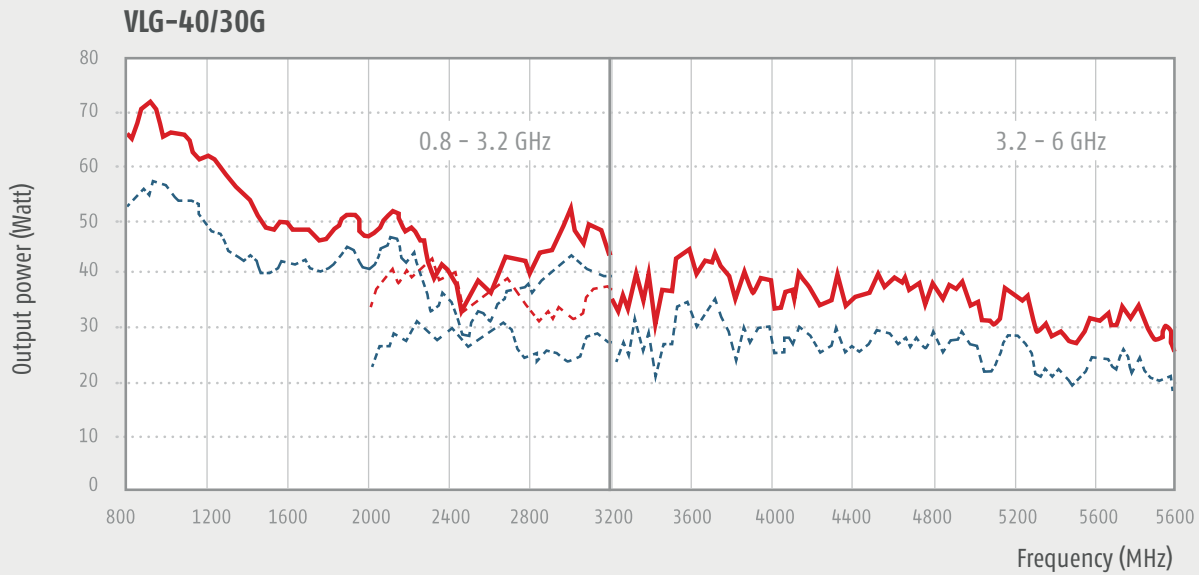
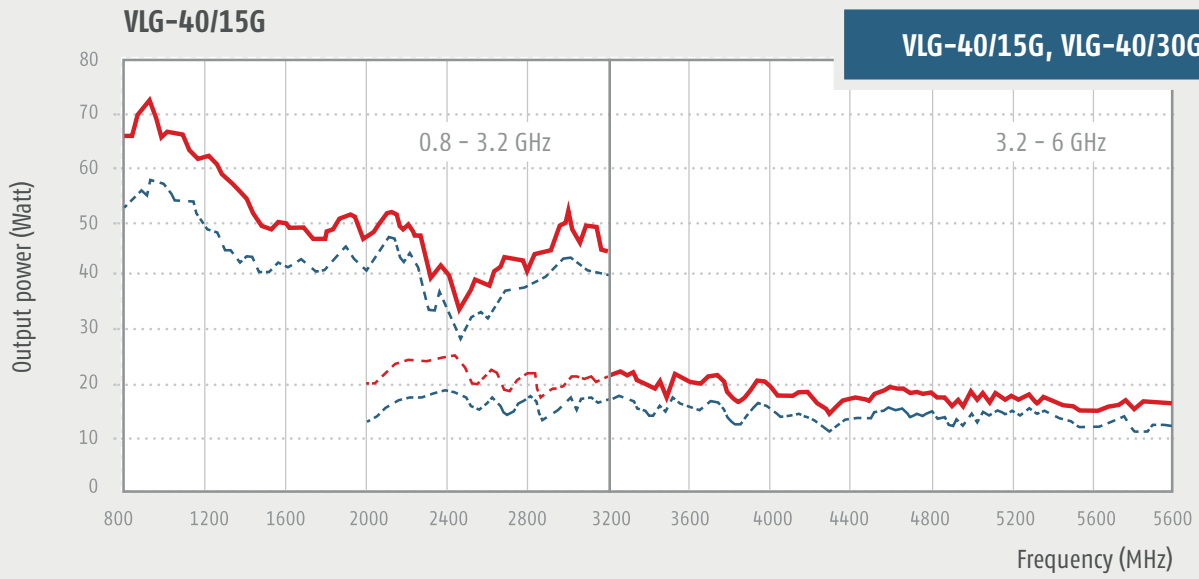


Part Number		VLG-40/15G	VLG-40/30G	VLG-70/15G
Frequency range		0.8GHz-6GHz	0.8GHz-6GHz	0.8GHz-6GHz
Output Power typ.		40W / 15W	40W / 30W	70 W / 15 W
Output Power @ 1dB Compression, typ. min.		see Diagramm	see Diagramm	see Diagramm
RF Input, max.		+10 dBm	+10 dBm	+10 dBm
Gain, typ.		+47 dB	+47 dB	+50 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 dB
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	178 (4 HU)	312 (7 HU)	312 (7 HU)
	D	640	640	640
Weight		25 kg	37 kg	37 kg
Rated current		3.3A @ 110VAC 1.6A @ 230VAC	1.7A @ 230VAC	2.8A @ 230VAC
Power Supply (VAC)		90-250, 47-63 Hz	200-250, 47-63 Hz	200-250, 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 60 l / sec. max.	Self contained fans 120 l / sec. max.	Self contained fans 120 l / sec. max.
Following types available:		D, DC	D, DC	D, DC



Output Power (compression max. = 1dB)

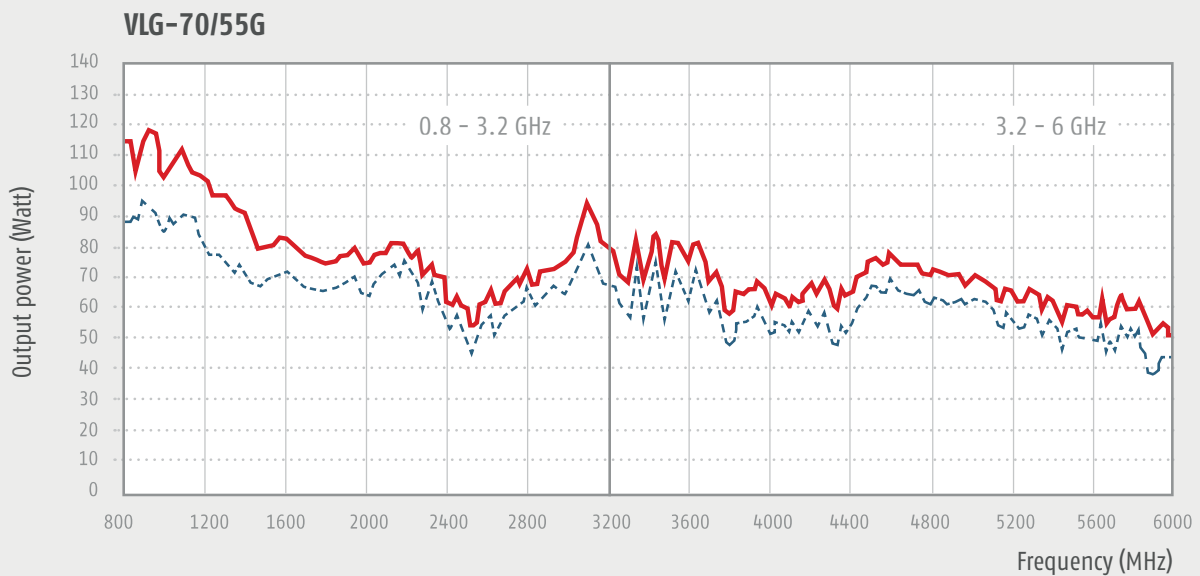
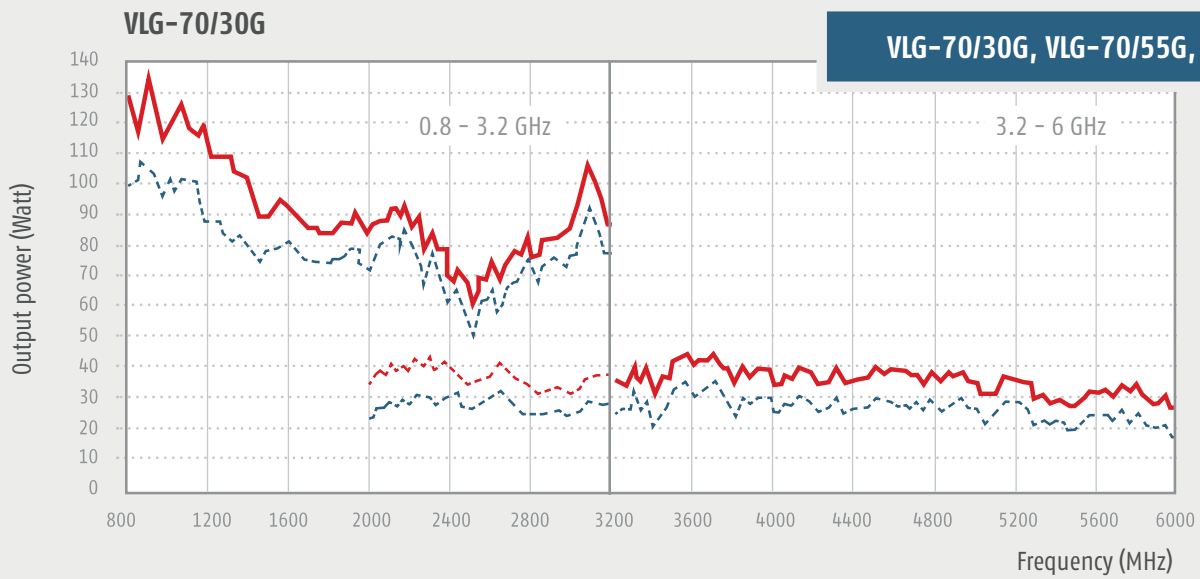


Output Power (compression max. = 3dB)



0.8 GHz – 6 GHz

Part Number		VLG-70/30G	VLG-70/55G	VLG-120/30G
Frequency range		0.8GHz-6GHz	0.8GHz-6GHz	0.8GHz-6GHz
Output Power typ.		70 W / 30 W	70 W / 55 W	120 W / 30 W
Output Power @ 1dB Compression, typ. min.		see Diagramm	see Diagramm	see Diagramm
RF Input, max.		+10 dBm	+10 dBm	+10 dBm
Gain, typ.		+50 dB	+50 dB	+50 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	600
	H	312 (7 HU)	360 (8 HU)	1050 (18 HU)
	D	640	640	840
Weight		40 kg	45 kg	145 kg
Rated current		2.8A @ 230VAC	3.3A @ 230VAC	6.4A @ 230VAC
Power Supply (VAC)		200-250, 47-63 Hz	200-250, 47-63 Hz	200-250, 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 120 l / sec. max.	Self contained fans 120 l / sec. max.	Self contained fans 240 l / sec. max.
Following types available:		D, DC	D, DC	D, DC

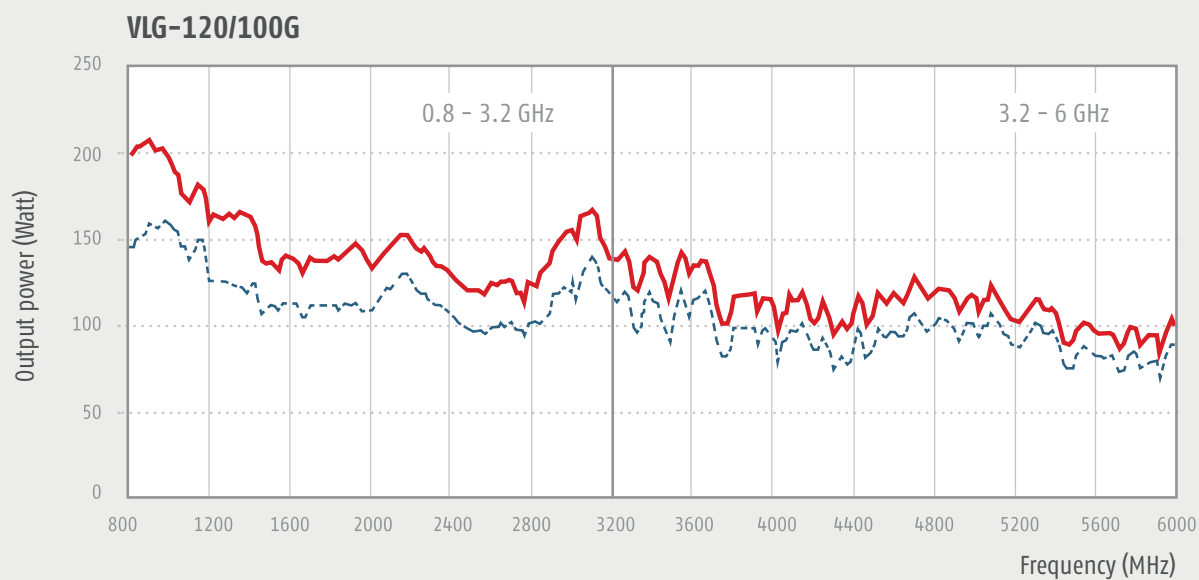
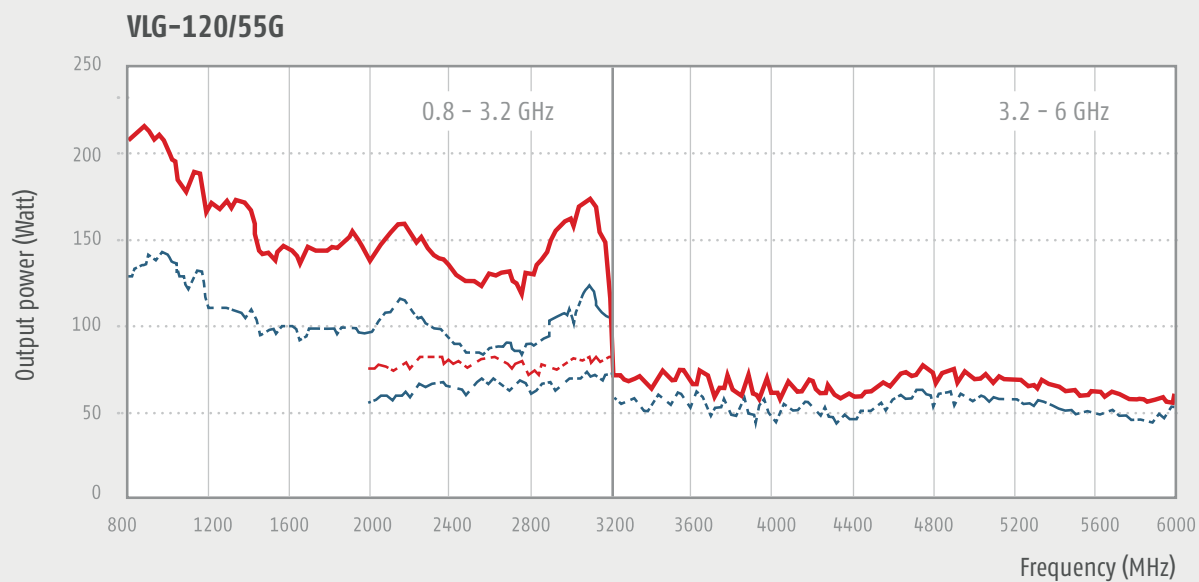


Output Power (compression max. = 1dB)

Output Power (compression max. = 3dB)

0.8 GHz – 6 GHz

Part Number		VLG-120/55G	VLG-120/100G
Frequency range		0.8GHz-6GHz	0.8GHz-6GHz
Output Power typ.		120 W / 55 W	120 W / 100 W
Output Power @ 1dB Compression, typ. min.		see Diagramm	see Diagramm
RF Input, max.		+10 dBm	+10 dBm
Gain, typ.		+50 dB	+50 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	600	600
	H	1050 (18 HU)	1050 (18 HU)
	D	840	840
Weight		145 kg	145 kg
Rated current		8A @ 230VAC	10A @ 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 240l / sec. max.	Self contained fans 240l / sec. max.
Following types available:		D, DC	D, DC

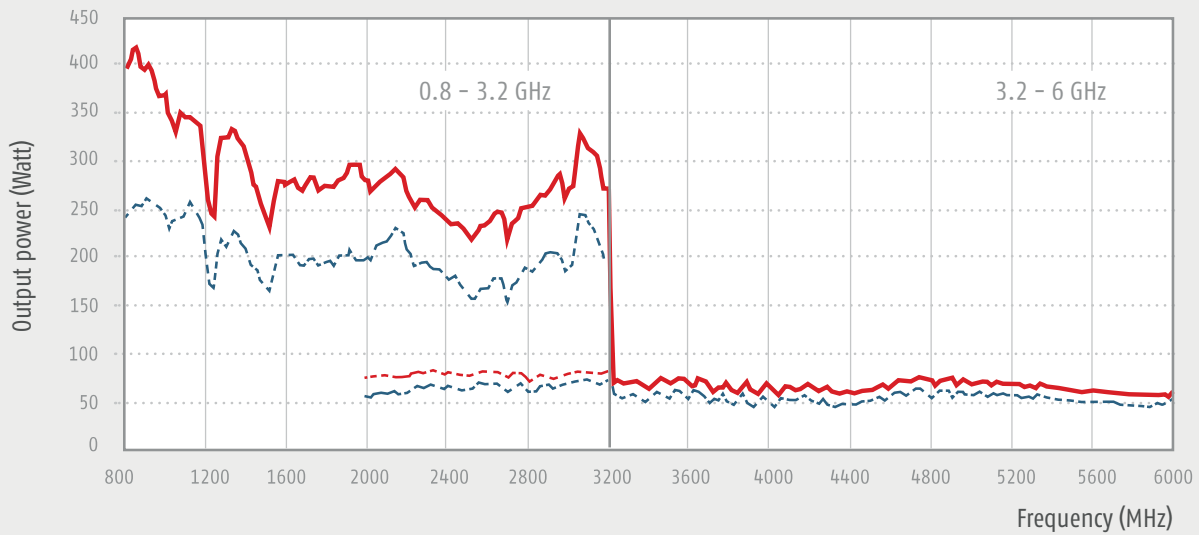


- Output Power (Compression max. = 3dB)
- Output Power (Compression max. = 1dB)

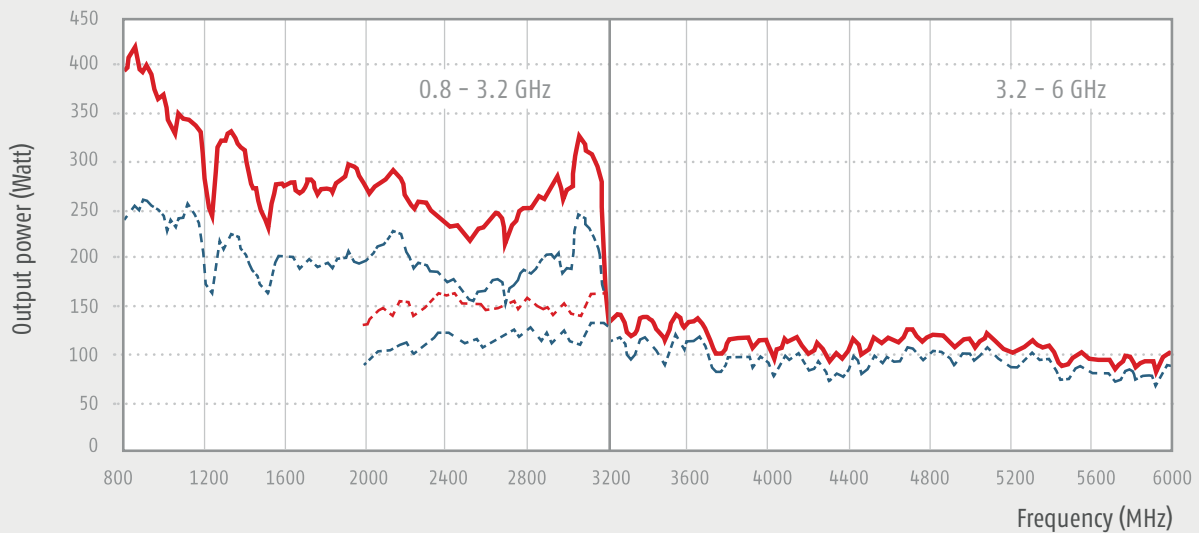
0.8 GHz – 6 GHz

Part Number		VLG-220/55G	VLG-220/100G
Frequency range		0.8GHz-6GHz	0.8GHz-6GHz
Output Power typ.		220 W / 55 W	220 W / 100 W
Output Power @ 1dB Compression, typ. min.		see Diagramm	see Diagramm
RF Input, max.		+10 dBm	+10 dBm
Gain, typ.		+50 dB	+53 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	600	600
	H	1050 (18 HU)	1050 (18 HU)
	D	840	840
Weight		145 kg	165 kg
Rated current		13.7A @ 230VAC	14A @230V VAC
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 240l / sec. max.	Self contained fans 240l / sec. max.
Following types available:		D, DC	D, DC

VLG-220/55G



VLG-220/100G



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