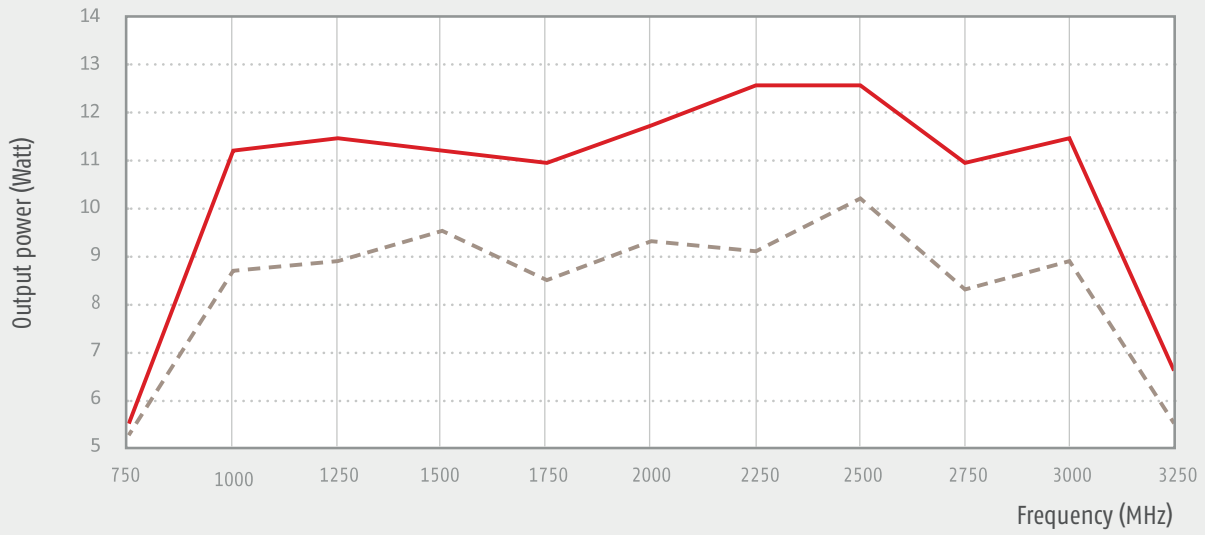


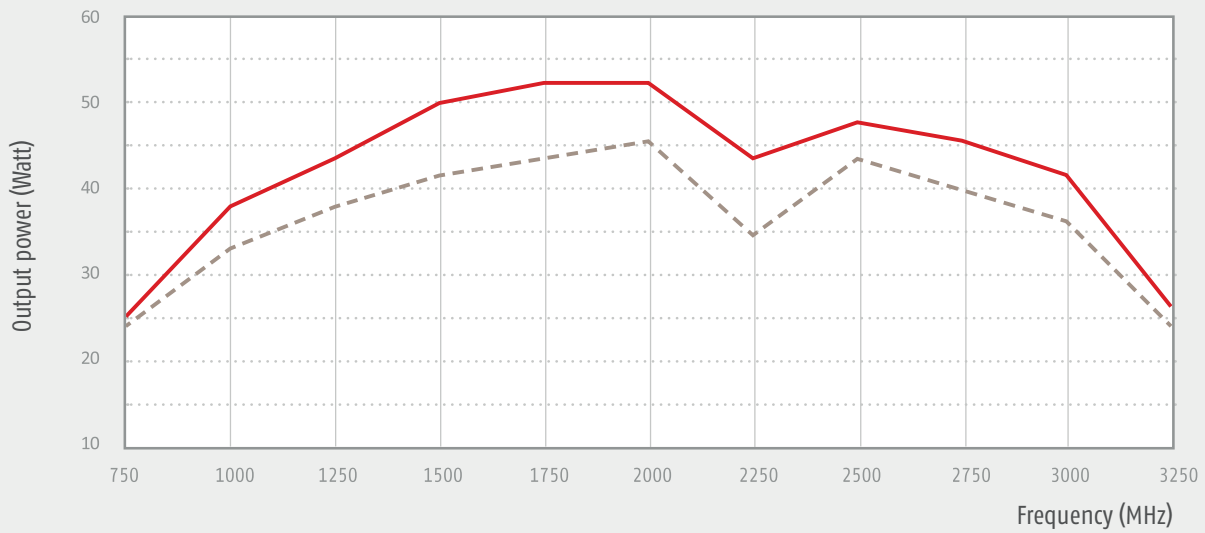
0,8 GHz – 3,2 GHz

Part Number		FLG-10C	FLG-30C
Frequency range		1GHz-3GHz	1GHz-3GHz
Output Power typ.		10 W	30 W
Output Power @ 1dB Compression, typ. min.		see Diagramm	see Diagramm
RF Input, max.		+10 dBm	+10 dBm
Gain, typ.		+38 dB	+46 dB
Flatness, typ.		±1.5 dB	±1.5 dB
IP3, typ.		+48 dBm	+54 dBm
Input VSWR, max.		2:1	2:1
Harmonics @ 1 dB comp., typ.		-20 dBc @ 7W	-20 dBc @ 24W
Spurious Signals @ 1 dB comp., typ.		<-60 dBc @ 7W	<-60 dBc @ 24W
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	508	508
Weight		20 kg	20 kg
AC Power Input (W)		200	350
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
Following types available:		S, E	S, E

FLG-10C



FLG-30C



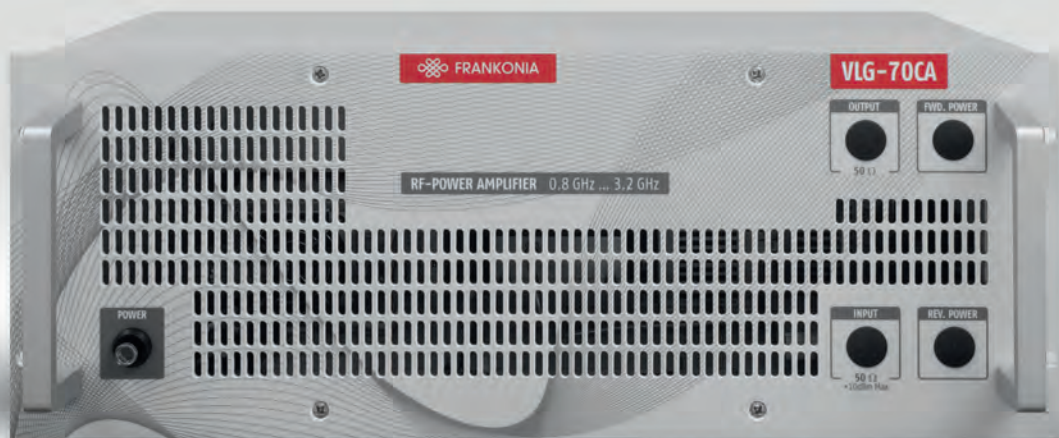
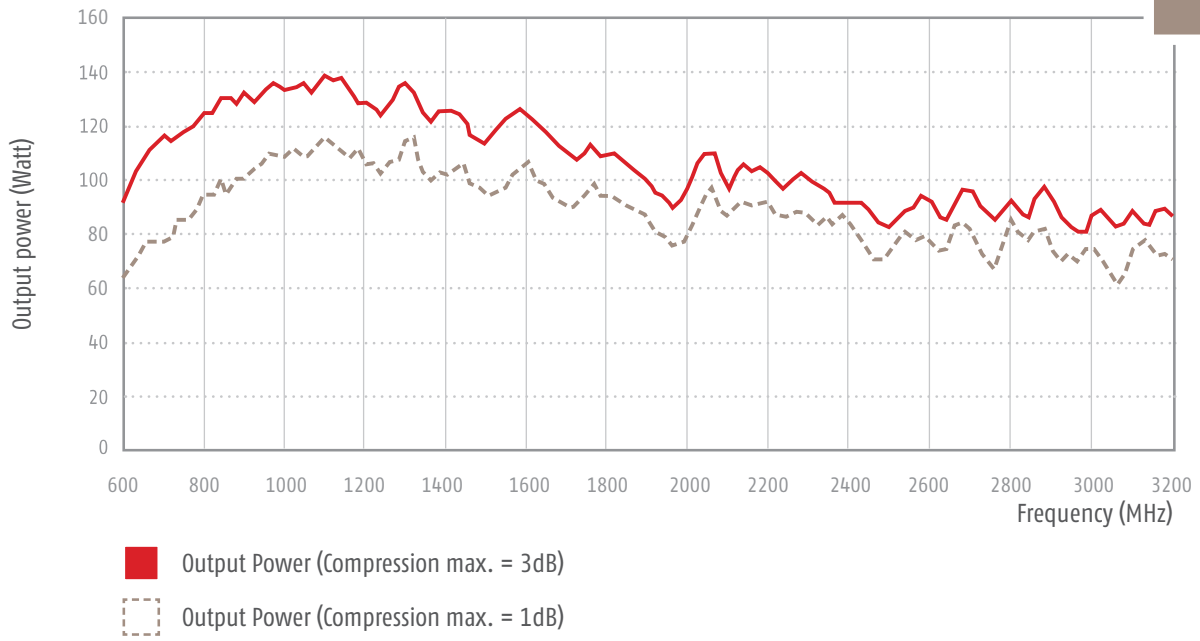
- Output Power (Compression max. = 3dB)
- Output Power (Compression max. = 1dB)

0,8 GHz – 3,2 GHz

Part Number		VLG-70CA
Frequency range		0,8GHz-3,2GHz
Output Power typ.		70 W
Output Power @ 1dB Compression, typ. min.		see Diagramm
RF Input, max.		+10 dBm
Gain, typ.		+47 dB
Flatness, typ.		±5 dB
Input VSWR		2:1
Harmonics @ 1 dB comp.		H2, H3 <-20 dBc
Class type		A
Input / Output Impedance		50 Ω / 50 Ω
Connectors In / Out		N(f)N(f)
Dimensions (mm)	W	450
	H	178 (4 HU)
	D	640
Weight		25 kg
Rated current		4.5A @ 110VAC 2.2A @ 230VAC
Power Supply (VAC)		90-250, 47-63 Hz
Phases		1
Operating Temperature (°C)		0 / +35
Room temperature storage (°C)		-20 / +70
Cooling / Forced air		Self contained fans 60 l / sec. max.
Following types available:		S, SC, D, DC

VLG-90CA

VLG-90CA

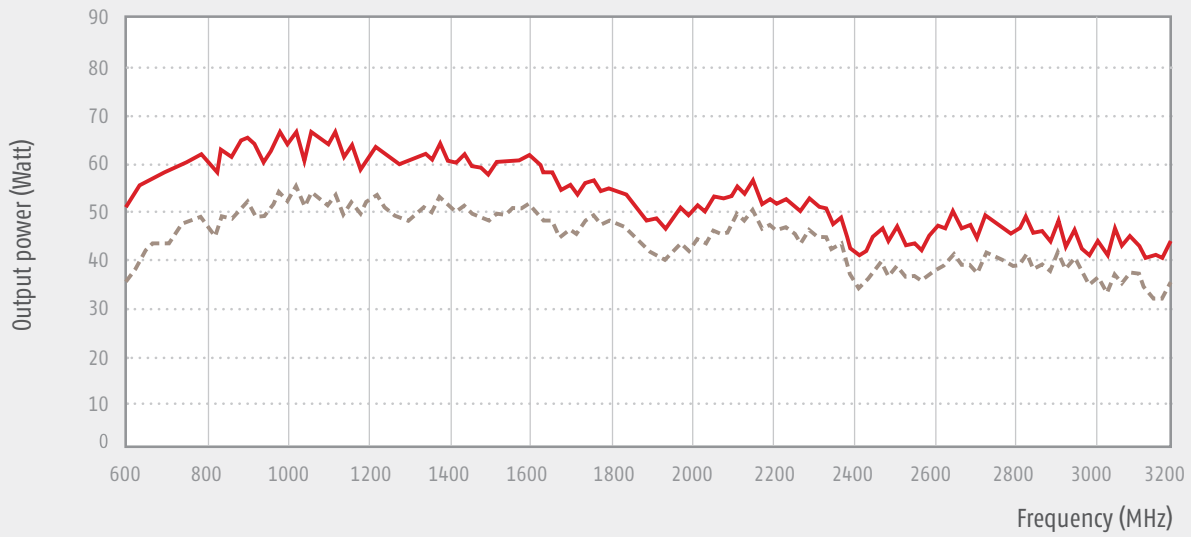


0,8 GHz – 3,2 GHz

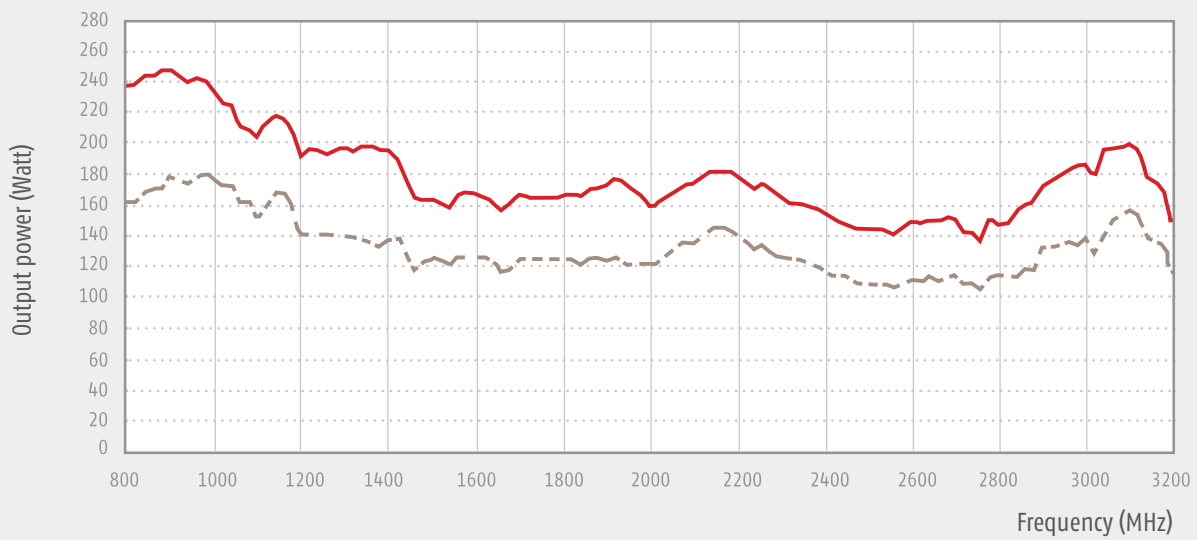
Part Number		VLG-40CA	VLG-120CA
Frequency range		0,8GHz-3,2GHz	0,8GHz-3,2GHz
Output Power typ.		40 W	120 W
Output Power @ 1dB Compression, typ. min.		see Diagramm 25W from 2000M-3200M	see Diagramm
RF Input, max.		+10 dBm	+10 dBm
Gain, typ.		+45 dB	+52 dB
Flatness, typ.		±5 dB	±5 dB
Input VSWR		2:1	2:1
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	178 (4 HU)	312
	D	640	640
Weight		20 kg	33 kg
Rated current		3.2A @ 110VAC 1.5A @ 230VAC	4.8A @ 230VAC
Power Supply (VAC)		90-250, 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 60 l / sec. max.	Self contained fans 120 l / sec. max.
Following types available:		S, SC, D, DC	D, DC

VLG-48CA, VLG-120CA

VLG-48CA



VLG-120CA



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

0,8 GHz – 3,2 GHz

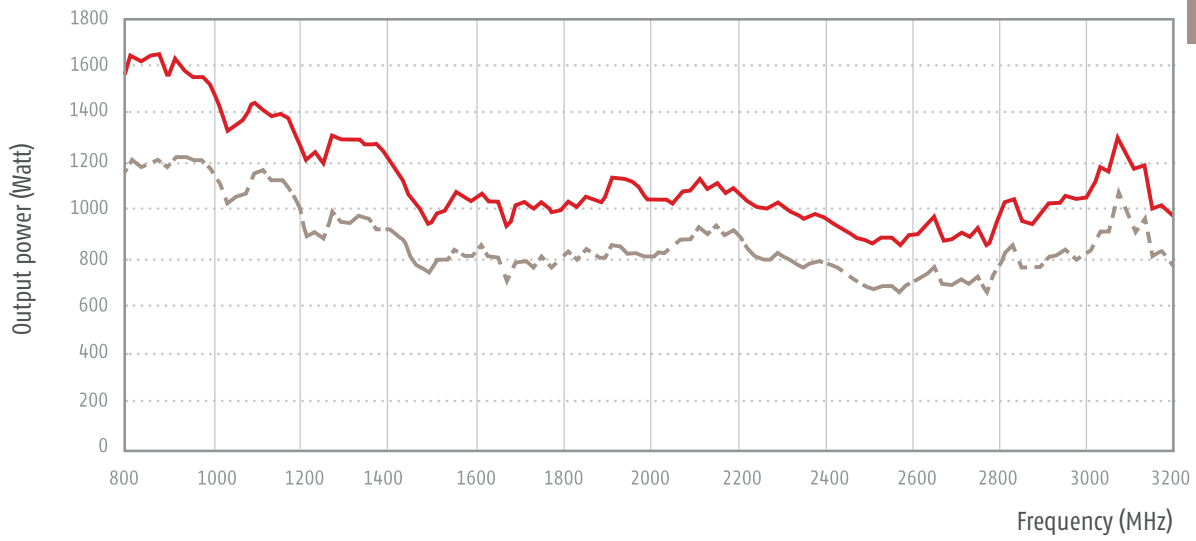
Part Number		VLG-220CA	VLG-450CA
Frequency range		0,8GHz-3,2GHz	0,8GHz-3,2GHz
Output Power typ.		220 W	450 W
Output Power @ 1dB Compression, typ. min.		see Diagramm	see Diagramm
RF Input, max.		+10 dBm	+10 dBm
Gain, typ.		+54 dB	+57 dB
Flatness, typ.		±5 dB	±5 dB
Input VSWR		2:1	2:1
Harmonics @ 1 dB 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)	7/16(f) N(f)
Dimensions (mm)	W	450	600
	H	312 (7 HU)	1050 (18 HU)
	D	640	840
Weight		45 kg	230 kg
Rated current		8.7A @230VAC	4 kVA
Power Supply (VAC)		200-250, 47-63 Hz	47-63Hz
Phases		1	3
Operating Temperature (°C)		0 / +35	0 / +35
Room temperature storage (°C)		-20 / +70	-20 / +70
Cooling / Forced air		Self contained fans 120 l / sec. max.	Self contained fans 2400 l / sec. max.
Following types available:		D, DC	DC

0,8 GHz – 3,2 GHz

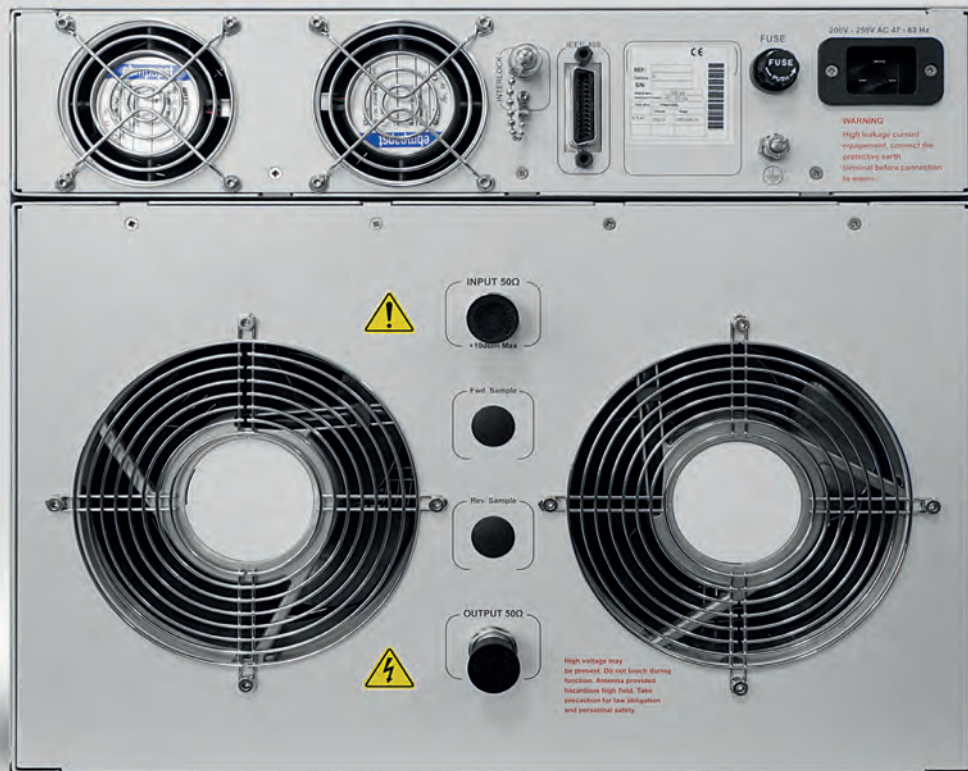
Part Number		VLG-1000CA
Frequency range		0,8GHz-3,2GHz
Output Power typ.		1000 W
Output Power @ 1dB Compression, typ. min.		see Diagramm
RF Input, max.		+10 dBm
Gain, typ.		+63 dB
Flatness, typ.		±5 dB
Input VSWR		2:1
Harmonics @ 1 dB comp.		H2, H3 <-20 dBc
Class type		A
Input / Output Impedance		50 Ω / 50 Ω
Connectors In / Out		7/16(f) N(f)
Dimensions (mm)	W	600
	H	1590 (30 HU)
	D	840
Weight		320 kg
Rated current		7 kVA
Power Supply (VAC)		47-63Hz
Phases		3
Operating Temperature (°C)		0 / +35
Room temperature storage (°C)		-20 / +70
Cooling / Forced air		Self contained fans 4800 l / sec. max.
Following types available:		DC

VLG-1000CA

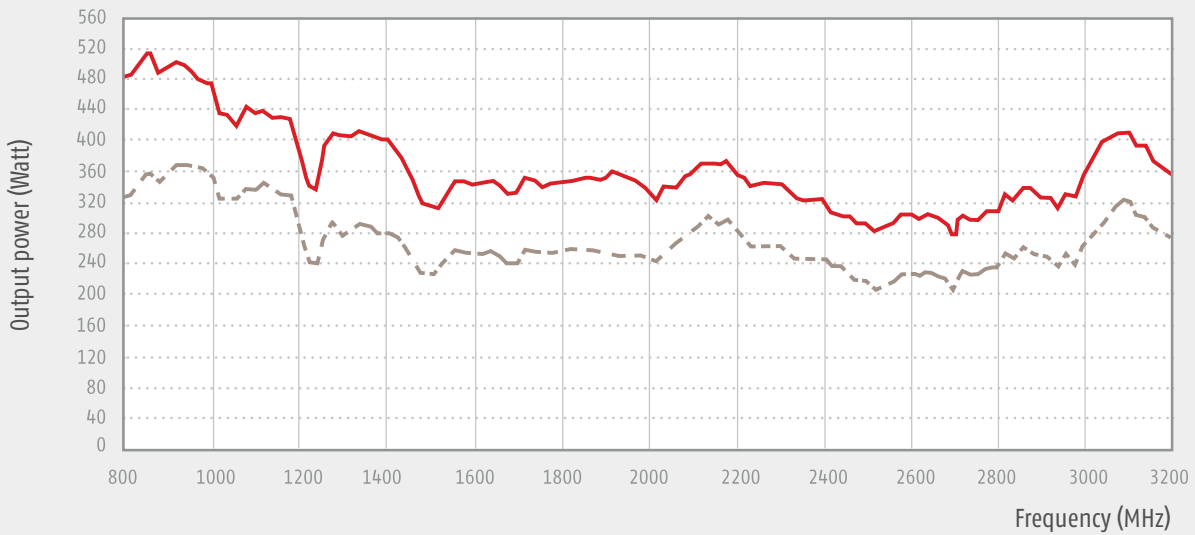
VLG-1000CA



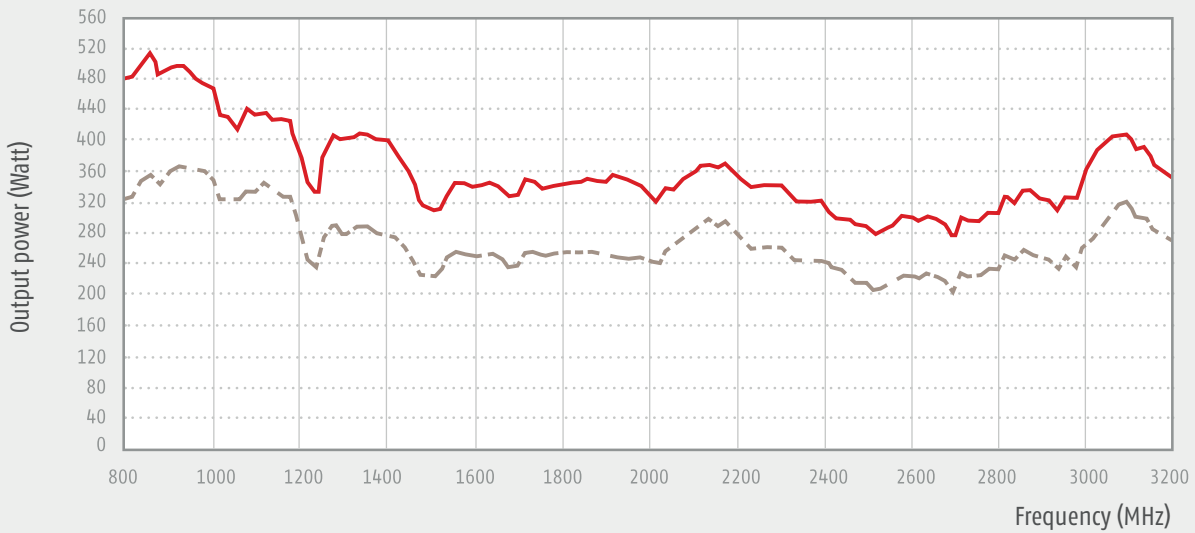
- Output Power (Compression max. = 3dB)
- Output Power (Compression max. = 1dB)



VLG-220CA



VLG-450CA



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