

# GaN HEMTs for Marine Radar

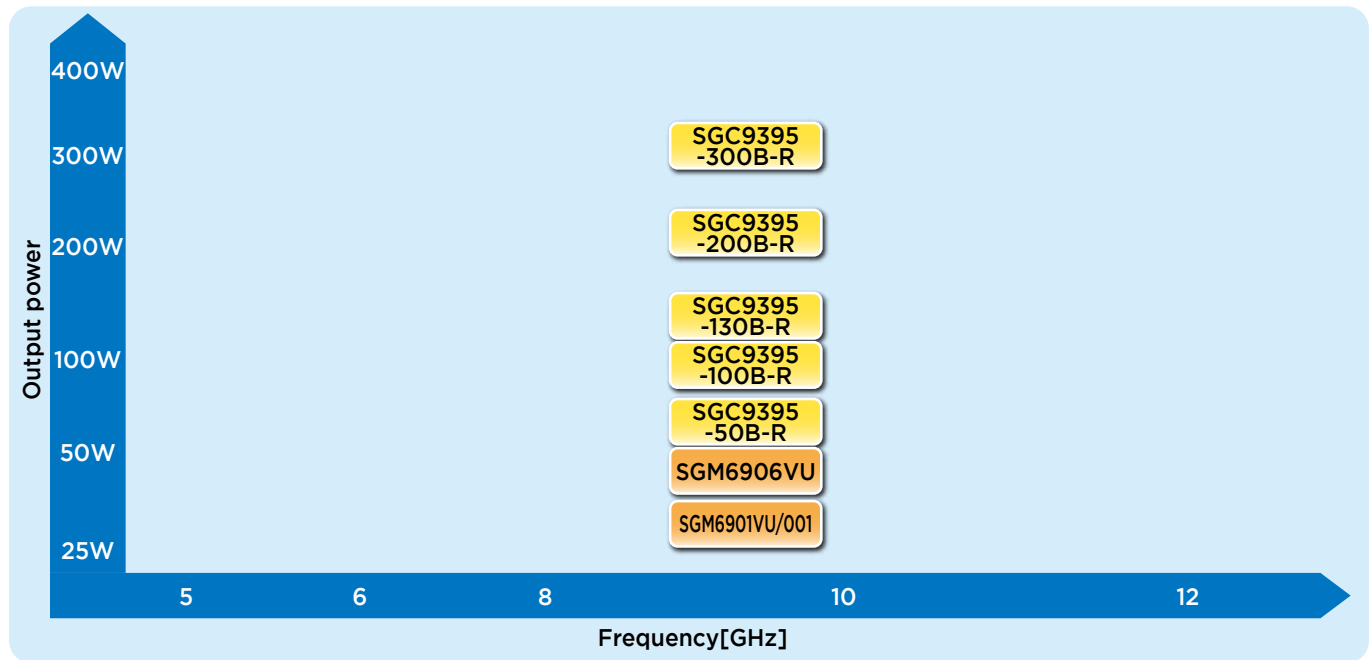
## Features

- High Power up to 340W(Typ.)
- High Gain
- High Efficiency
- For Marine Radar
- Impedance Matched  $Z_{in}/Z_{out} = 50\Omega$



## GaN HEMTs for Marine Radar Lineup

IK Package
  VU Package



Part Number	Freq. (GHz)	Pout Typ. (dBm)	Gp Typ. (dB)	$\eta_D$ Typ. (%)	VDS (V)	IDS(DC) (A)	Rth ( $^{\circ}C/W$ )	Conditions Pulse Width/Duty	Pkg
SGC9395-50B-R	9.3-9.5	48	11	41	50	0.17	2.4	100 $\mu$ s/10%	IK
SGC9395-100B-R	9.3-9.5	51	10	41	50	0.33	1.4		
SGC9395-130B-R	9.3-9.5	52	10	39	50	0.5	1.2		
SGC9395-200B-R	9.3-9.5	54	10	39	50	0.66	0.6		
SGC9395-300B-R	9.3-9.5	55.3	9.3	38	50	1	0.7		
SGM6906VU	9.2-9.5	47.5	22.5	37	50	0.2	-	50 $\mu$ s/5%	VU
SGM6901VU/001	9.3-9.5	45.3	23.3	38	50	0.2	2.1	100 $\mu$ s/10%	

## Product Photo

