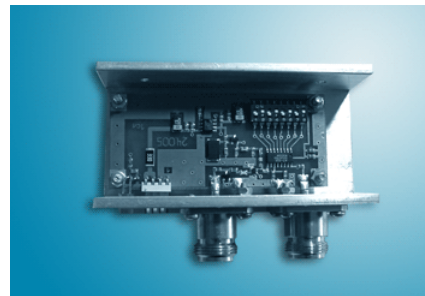




# 140-174, 300-360, 400-490 MHz Amplifiers AGS-19V, AGS-19A, AGS-19U

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### Electrical specifications

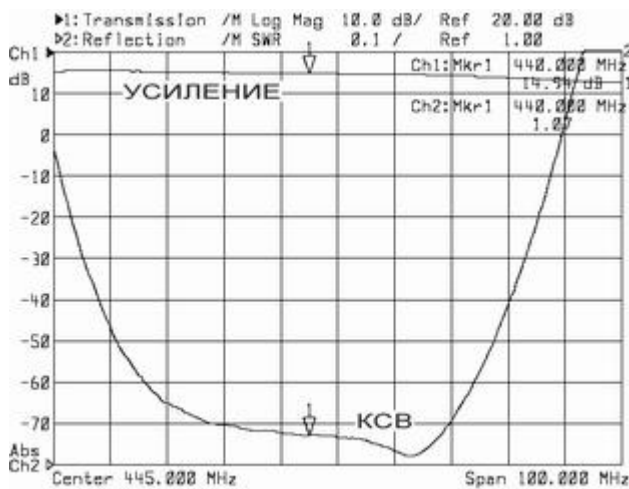
Model	AGS-19V	AGS-19A	AGS-19U
Operating frequency band, MHz	140-174	300-360	400-490
VSWR, not more than		1,3	
Amplifier gain (factory set), dB	19	15	15
1 dB compression point, dBm		23	
Noise figure, dB		2,5	
Input power, W		11	
Current, mA		120	

### Mechanical specifications

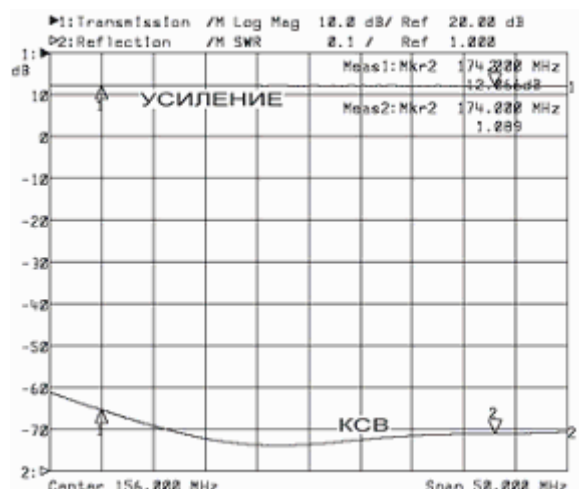
Model	AGS-19V	AGS-19A	AGS-19U
Weight, kg		0,24	
Length/Width/Depth not more		130x90x250	
Connectors		N-female	

Amplifier AGS-14 is aimed for the amplification of high frequency signal with the gain coefficient being installed on-the-fly. The product consists of an amplifier chip, low-noise feeding voltage stabilizer, a filter of the noise suppression in the feeder circuit, the feeder voltage indicator, a controlled attenuator. The gain coefficient amplifier is determined by the position of slide switches at the built-in eight-position switch unit. The application of such an amplifier will allow optimal adjusting the receiving channel of the trunking system without the necessity to use a soldering iron.

### Amplifiers typical gain-frequency characteristic



AGS-19U



AGS-19V