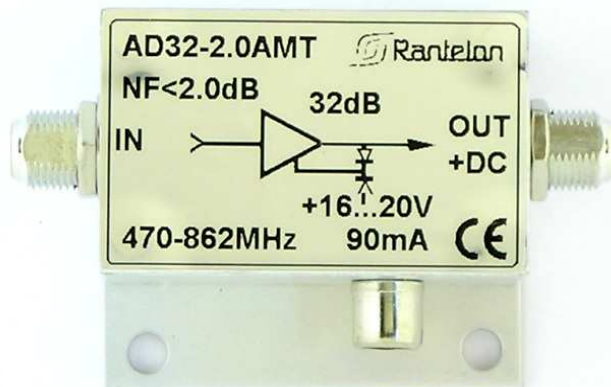


Product information: Vers 1B, issue May 2010, revised Feb 2012

### GENERAL DESCRIPTION

Amplifier AD32-2.0/AMT is intended for reliable receiving of PAL and DVB-T channels in regions where signal strength is quite small. Excellent low noise figure 2.0dB guarantees for the low level of its own contributed noise.

Using remote powering option the amplifier can be activated through output connector. In this case some type of a current injector must be used (e.g. Rantelon BT-1). Power supply adapter is also included into AD32 complete set.



### KEY FEATURES

- Maximum noise figure 2.0dB
- Very high gain
- Wideband
- Perfect for DVB-T signals
- Compact and reliable
- Remote powering option

### APPLICATION AREAS

- Digital tuner systems
- Private house antenna systems
- CATV/MATV

### TECHNICAL SPECIFICATIONS

Parameter	Specification	Unit
Frequency range	470-862	MHz
Gain	32	dB
Noise figure	2.0 (maximum)	dB
Output level DIN45004B	108	dB $\mu$ V
Power consumption	+16...20/90	V/mA
Impedance	75	Ohm
RF connector type	F-female	-
DC connector type	RCA-female	-

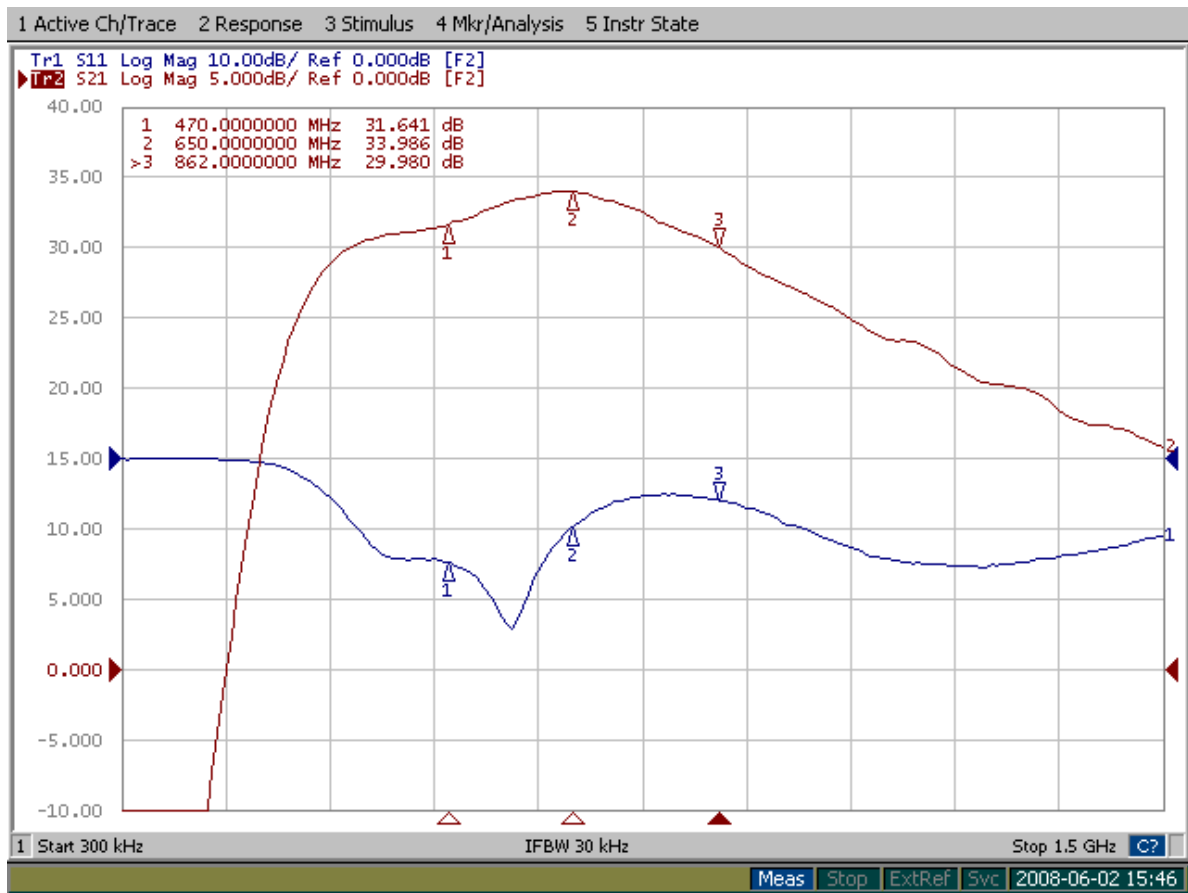


Figure 1: Example of input matching (S11) and transfer function (S21).