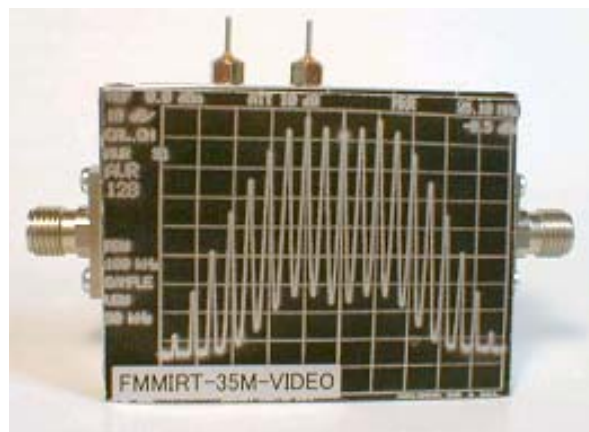


# FMMODIRT35M

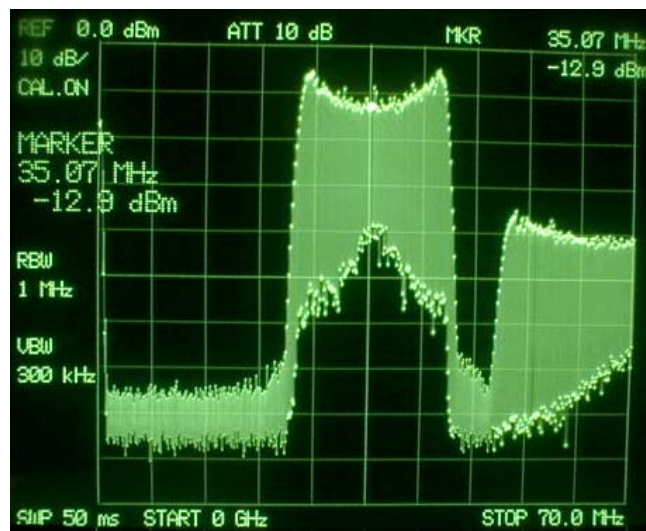
## FM modulator

- Fine phase noise
- For video FM modulation
- 50  $\Omega$  PECL output interface
- Low power consumption
- Controllable carrier frequency
- Continuous fine tune
- Up to over 10MHz input baseband sig.
- Single power supply
- High-linearity modulation

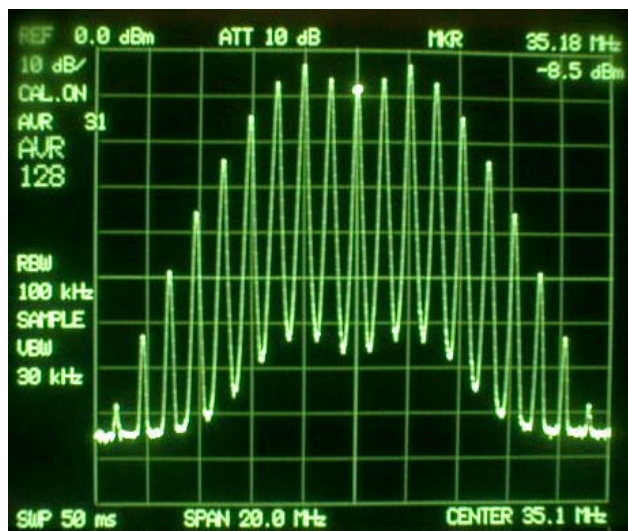


### *Electrical specification*

Output power	1Vpp
Carrier frequency	20MHz to 40MHz
Harmonic distortion with LPF	<-40dBc
Supurious	<-60dBc
Input baseband frequency	DC to 10MHz
Modulation linearity	<2%
Power supply	+5V(300mA)
Dimension	35mm X 25mm X 10mm



100kHz modulation figure ;



10MHz modulation figure ;

*Able to customize case and specification*