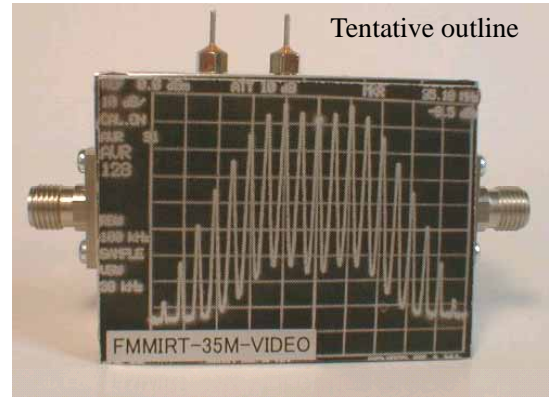


# PLLIRT170-300M

## PLL synthesizer

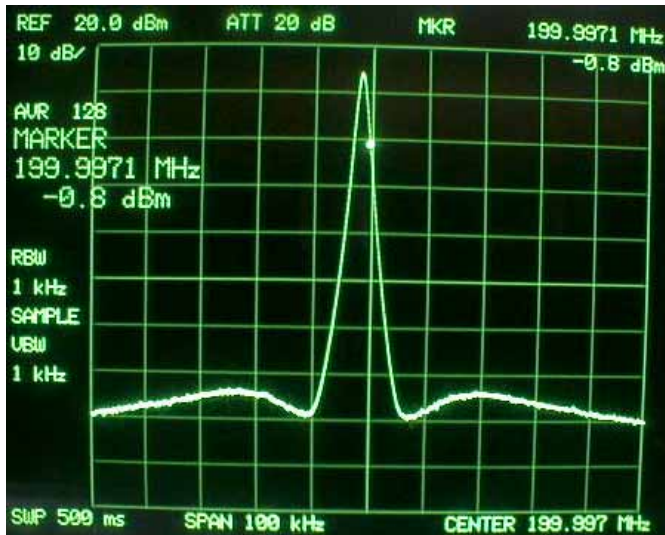
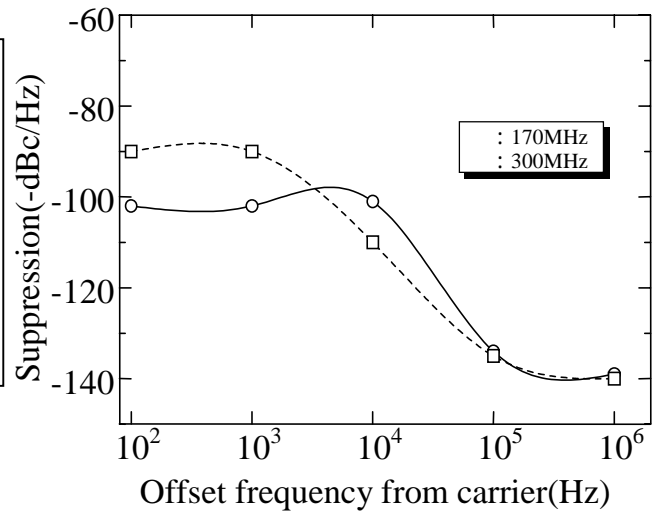
- Fine phase noise ; -70dBc/Hz(100Hz)
- Chanel space ; 10MHz
- Low power consumption
- Digital frequency control
- Continuous fine tune
- Crystal reference built-in
- High power output
- Optional filter



Able to customize case and specification

### Electrical specification

Output power	15dBm
Chanel space	10MHz
Harmonic distortion with LPF	<-40dBc
Supurious	<-60dBc
Phase noise	-90dBc/Hz(100Hz offset) -90dBc/Hz(1kHz offset) -125dBc/Hz(100kHz offset)
Power supply	+5V(1A)
Dimension	TBD



Phase noise spectrum at 200MHz set

Output freq.(MHz)	bit set
170	10000
180	10001
190	10010
200	10011
210	10100
220	10101
230	10110
240	10111
250	11000
260	11001
270	11010
280	11011
290	11100
300	11101