

PLLIRT2000-3200M

PLL synthesizer

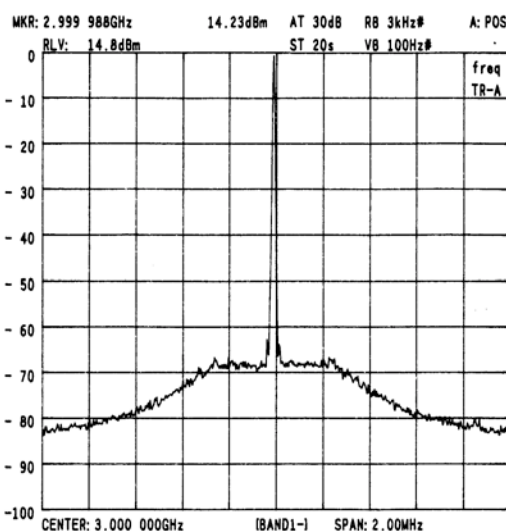
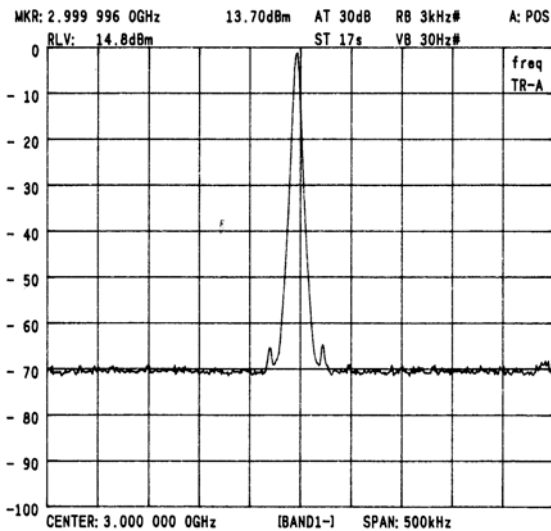
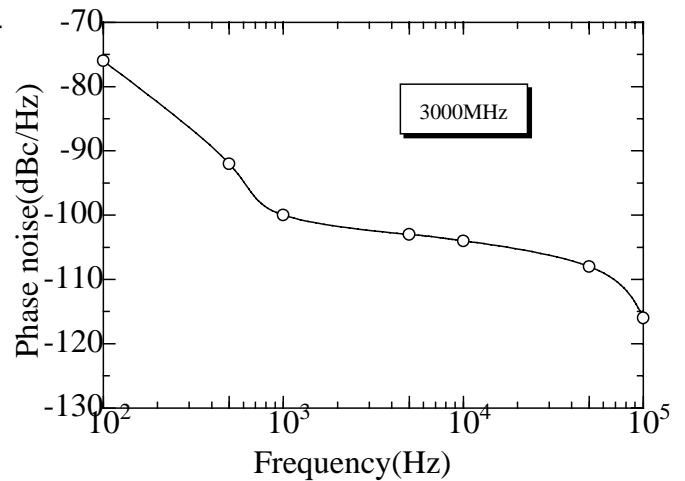
- Fine phase noise ; $-76\text{dBc/Hz}(100\text{Hz})$
- Chanel space ; 20MHz
- Low power consumption
- Digital frequency control
- External 10MHz lock
- Crystal reference built-in
- High power output



Able to customize case and specification

Electrical specification

Output power	13dBm
Chanel space	20MHz
Harmonic distortion with LPF	$<-60\text{dBc}$
Supurious	$<-60\text{dBc}$
Phase noise	$-76\text{dBc/Hz}(100\text{Hz offset})$ $-98\text{dBc/Hz}(1\text{kHz offset})$ $-115\text{dBc/Hz}(100\text{kHz offset})$
Power supply	+12V(50mA) +5V(0.8A)
Dimension	TBD



Out.(MHz)	bit set
2000	000000
2020	000001
2040	000010
2060	000011
2080	000100
2100	000101
.	.
.	.
3180	101010
3200	101011

Phase noise spectrum at 3000MHz set