

# PLLIRT500-800M

## PLL synthesizer

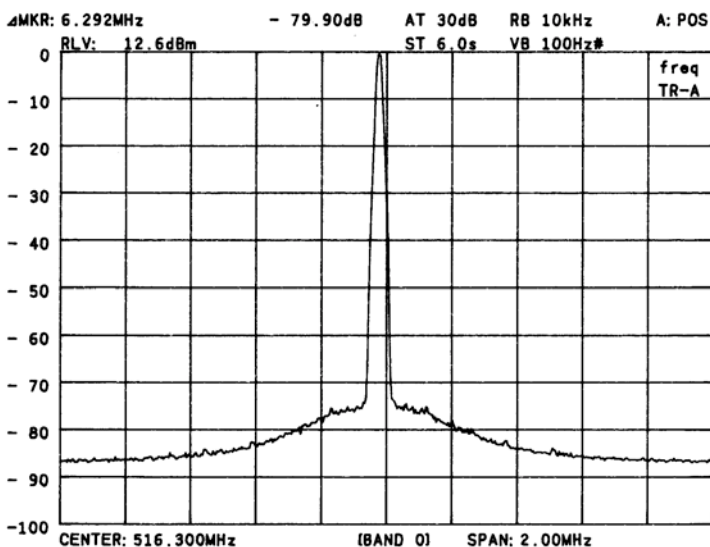
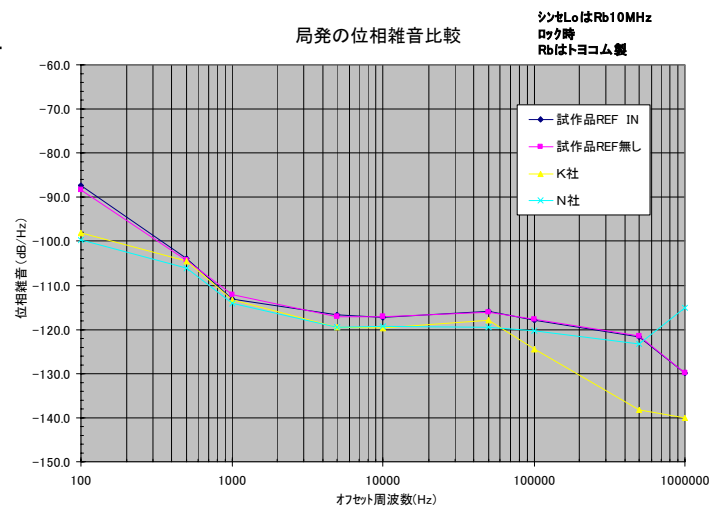
- Fine phase noise ; -88dBc/Hz(100Hz)
- Chanel space ; 5MHz
- Low power consumption
- Digital frequency control
- External 10MHz lock
- Crystal reference built-in
- High power output



*Able to customize case and specification*

### *Electrical specification*

Output power	13dBm
Chanel space	5MHz
Harmonic distortion with LPF	<-60dBc
Supurious	<-60dBc
Phase noise	-88dBc/Hz(100Hz offset) -113dBc/Hz(1kHz offset) -118dBc/Hz(100kHz offset)
Power supply	+5V(0.5A)
Dimension	TBD



Phase noise spectrum at 516MHz set (customized)

Output freq.(MHz)	bit set
500	000000
505	000001
510	000010
515	000011
520	000100
525	000101
.	.
.	.
795	101010
800	101011