

**Dual Loop Synthesizer, 150-2900 MHz, 6dBm, 8Volts**  
**10kHz Step Size, Surface Mount, 10 MHz External Reference**  
**Variable Frequency: Select any 200MHz Bandwidth between 150-2900MHz**  
**RSYNTH-L150-150-2900M(200M)-10kHz-6d8v-ER10M-S-L1**

code-L1

Raditek's L150 Series is a Dual-Loop Synthesizer applies our unique architecture and allows small frequency step sizes compared with traditionally designed synthesizers. The low cost and small package can be achieved by surface mount configuration and our VCO technology.



**Order Examples: RSYNTH-L150-150-350M-10kHz-6d8V-ER10M-S-L1**

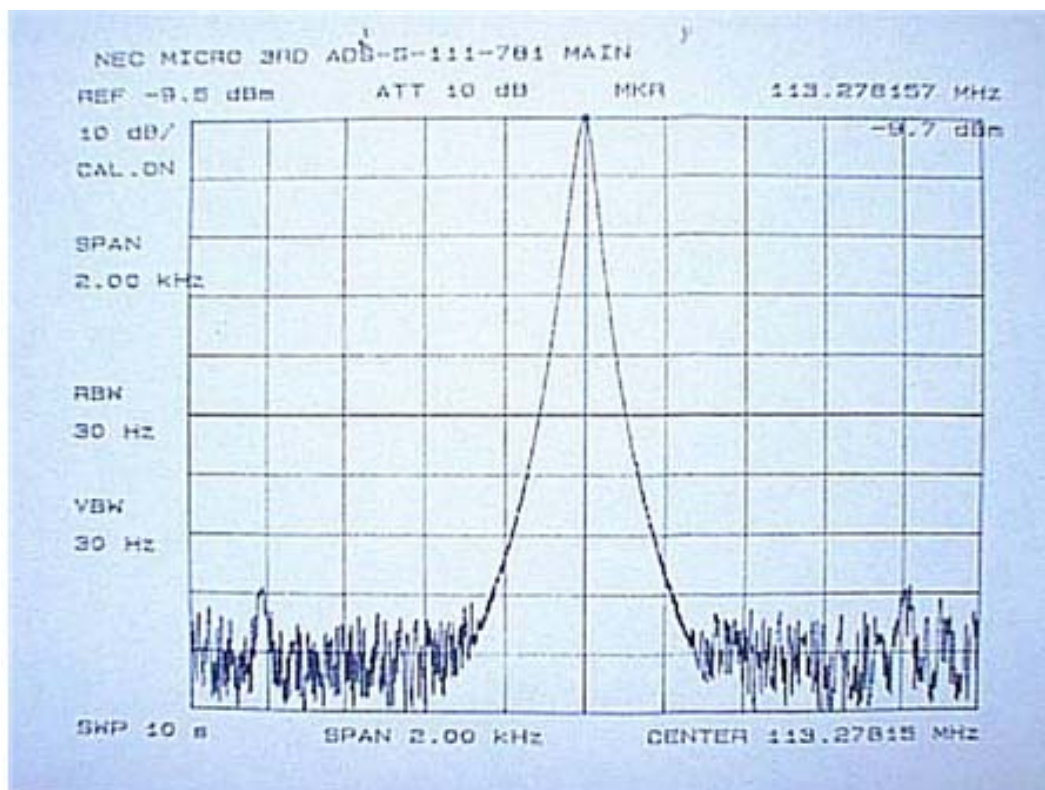
Electrical Performance		Units
Frequency Range:	150-2900	MHz
Band Width	200 Or 10 % of center frequency	MHz
Step Size(min)	10	kHz(min)
RF Output(min)	+6	dBm
Phase Noise		
• 1 KHz offset	-80	dBc/Hz
• 10 kHz offset	-100	dBc/Hz
• 100 KHz offset	-120	dBc/Hz
Spurious		
• Non-Harmonics	-60	dBc
• External Reference	10	MHz
DC Power	+8V	@120 mA
Connectors	Surface Mount.	
Dimensions	75x55x10	mm

**ROHS Compliant**

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Phase Noise, Span: 2kHz, RBW: 30Hz