

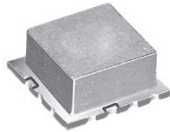
# COAXIAL RESONATOR OSCILLATOR SURFACE MOUNT MODEL: SYN8089N

**NARROW BANDWIDTH**

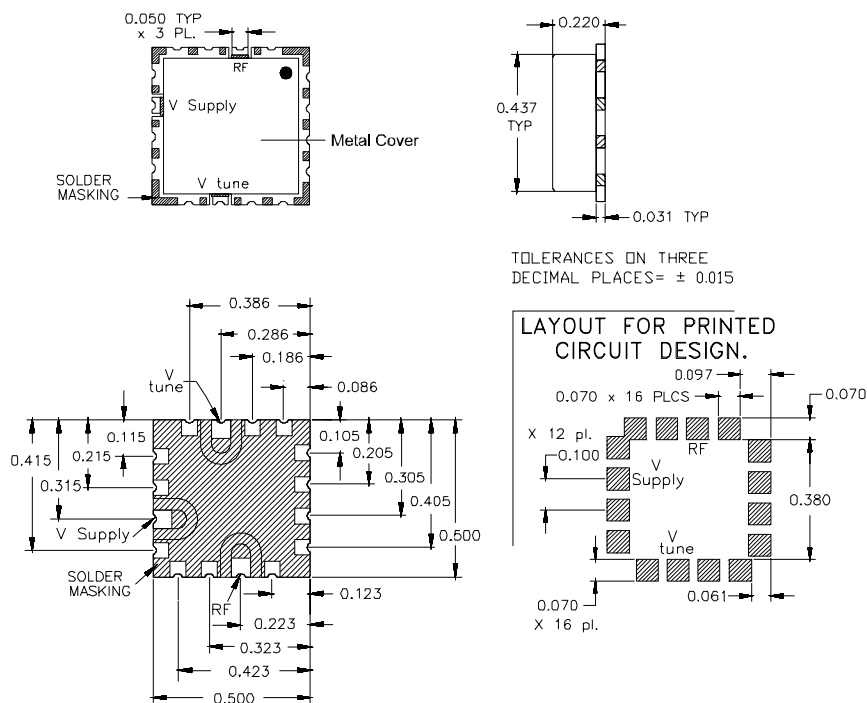
**805-895 MHz**

## SPECIFICATIONS

<b>Oscillator Frequency Range:</b>	805-895 MHz	<b>Typical Phase Noise:</b>	
<b>Tuning Voltage:</b>	1 to 8 VDC (Nom)	@ 10 kHz offset	-110 dBc/Hz
<b>Bias Voltage:</b>	+8 VDC @ 40mA (Max)	@ 100 kHz offset	-130 dBc/Hz
<b>Output Power:</b>	+11 dBm $\pm$ 1.5dB	<b>Frequency Pushing:</b>	<1 MHz/V
<b>Avg. Tuning Sensitivity:</b>	5-7 MHz/V	<b>Frequency Pulling:</b>	5 MHz @ 1.75:1 VSWR (Typ)
<b>Harmonic Suppression:</b>	10 dBc(Typ)	<b>Output Impedance</b>	50 ohms
<b>VSWR</b>	1.5:1(Typ)	<b>Operating Temp. Range:</b>	-20° to +70°C



## MECHANICAL OUTLINE: 174

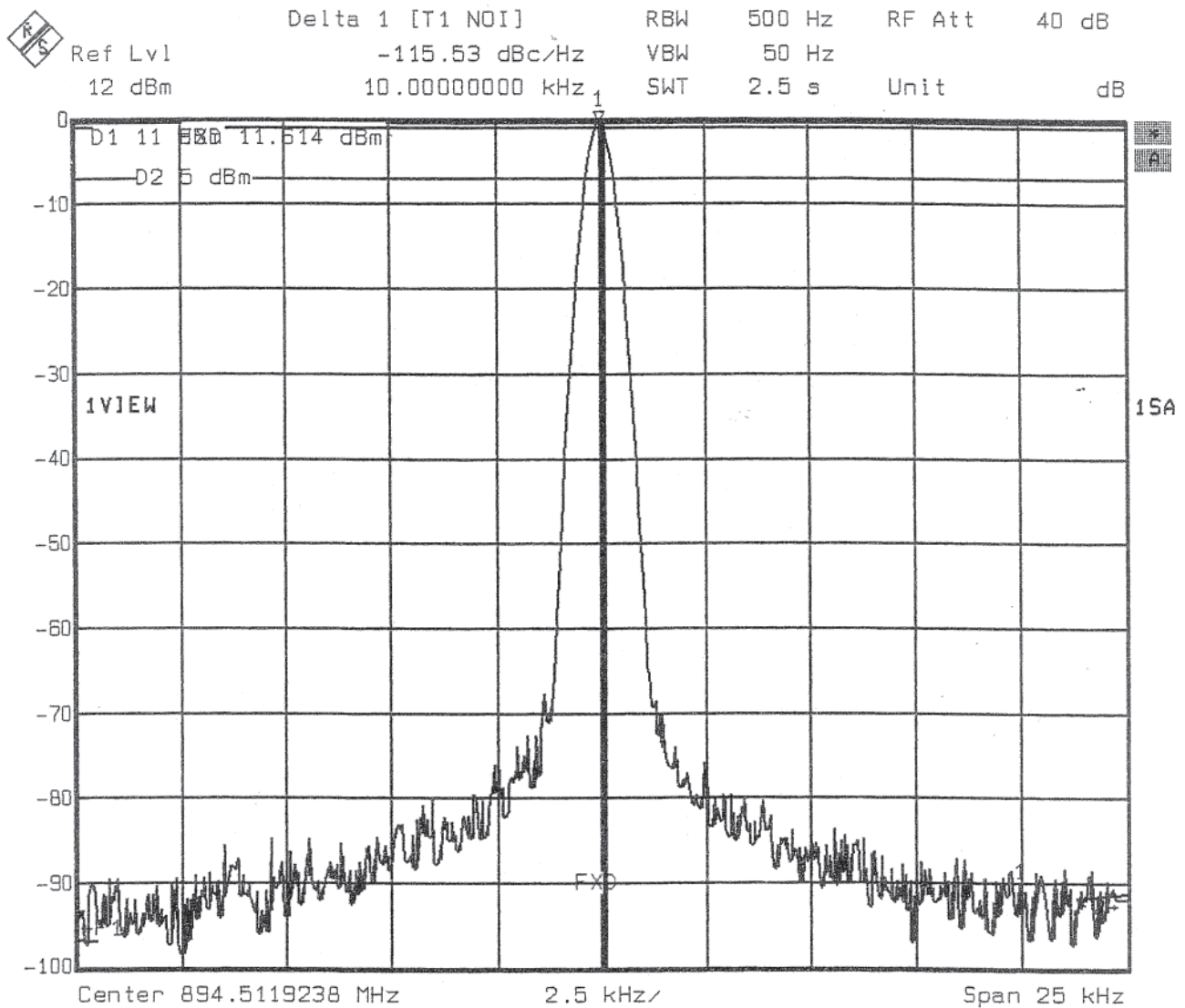


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NARROW BANDWIDTH

805-895 MHz

## PERFORMANCE PLOTS



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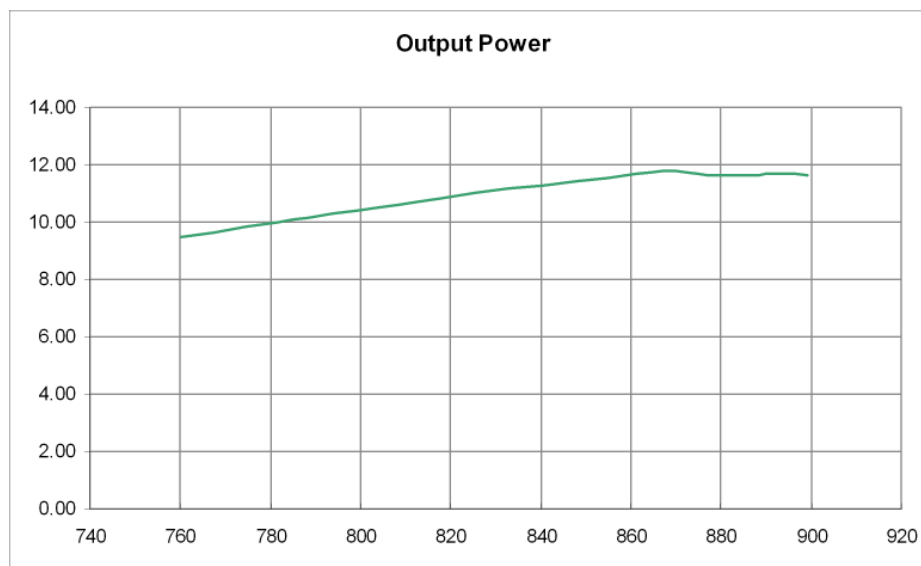
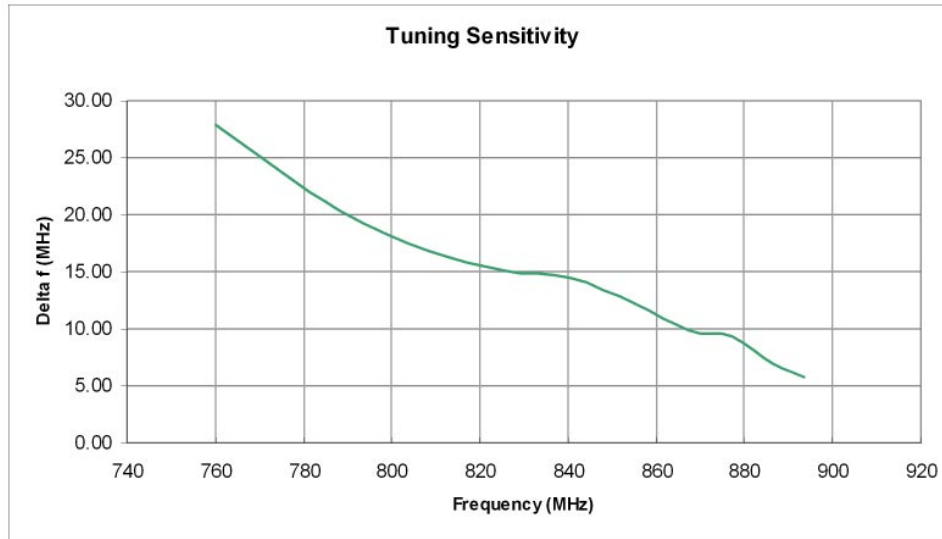


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