

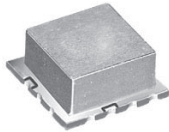
COAXIAL RESONATOR OSCILLATOR SURFACE MOUNT MODEL: SYN1819N

NARROW BANDWIDTH

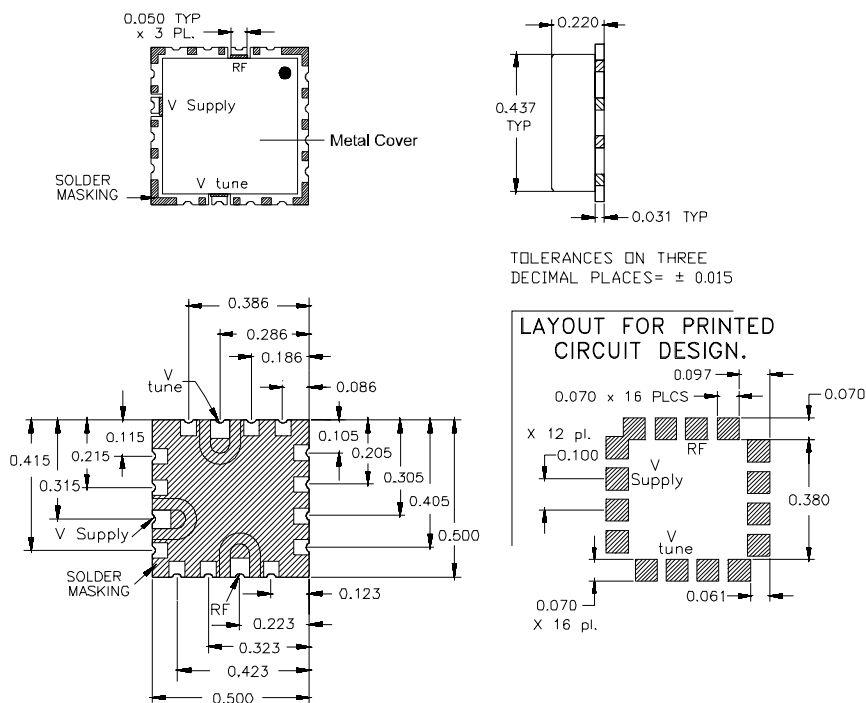
1860-1900 MHz

SPECIFICATIONS

Oscillator Frequency Range:	1860-1900 MHz	Phase Noise:	
Tuning Voltage:	1 to 10 VDC (Nom)	@ 10 kHz offset	-115 dBc/Hz(Max)
Bias Voltage:	+10 VDC @ 40mA (Max)	@ 100 kHz offset	-135 dBc/Hz(Typ)
Output Power:	+8 dBm \pm 3dB	Frequency Pushing:	2 MHz/V(Max)
Avg. Tuning Sensitivity:	7 MHz/V	Frequency Pulling:	5 MHz @ 1.75:1 VSWR (Max)
Harmonic Suppression:	10 dBc(Typ)	Output Impedance	50 ohms
VSWR	1.5:1(Typ)	Operating Temp. Range:	-30° to +70°C



MECHANICAL OUTLINE: 174

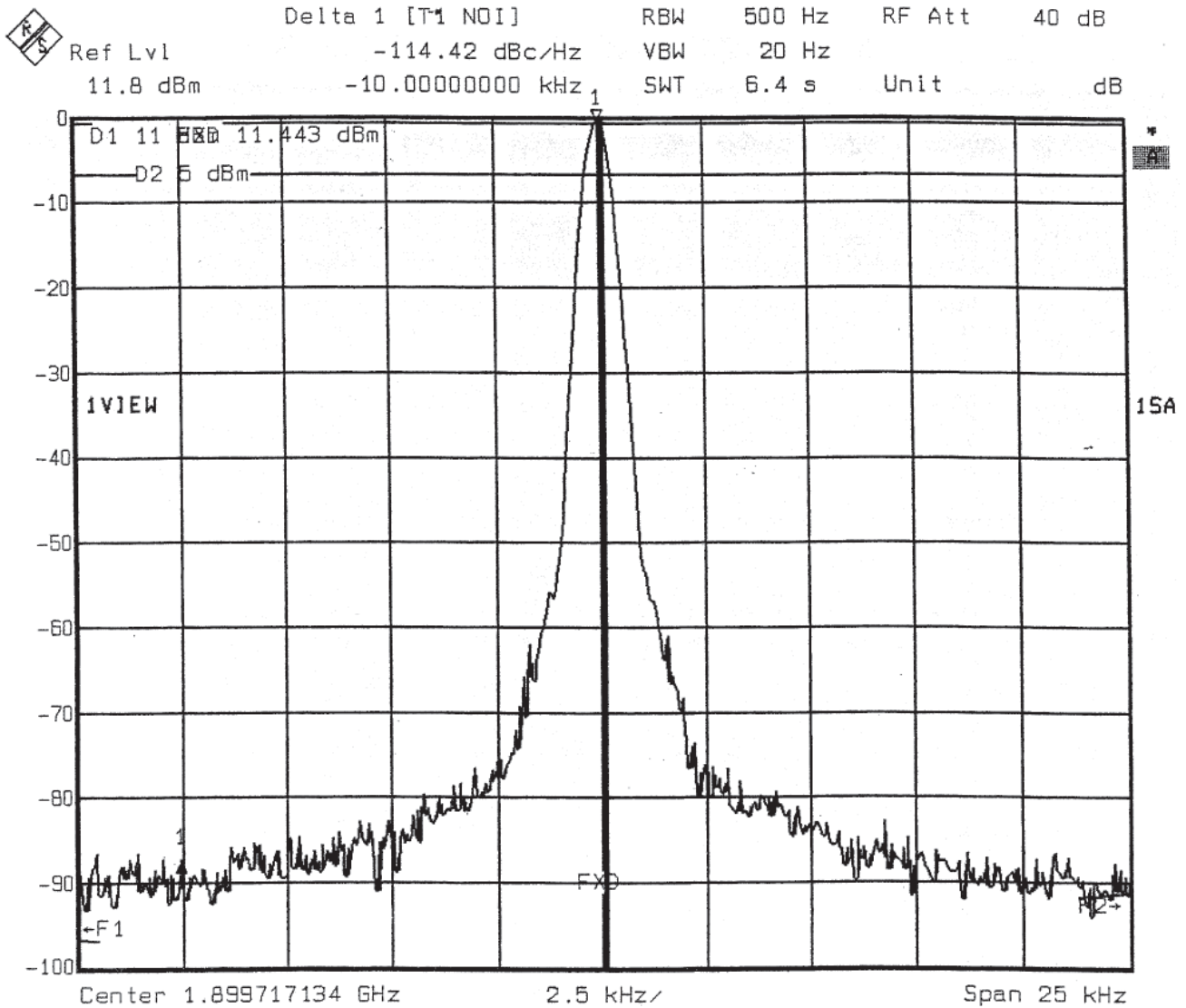


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NARROW BANDWIDTH

1860-1900 MHz

PERFORMANCE PLOTS



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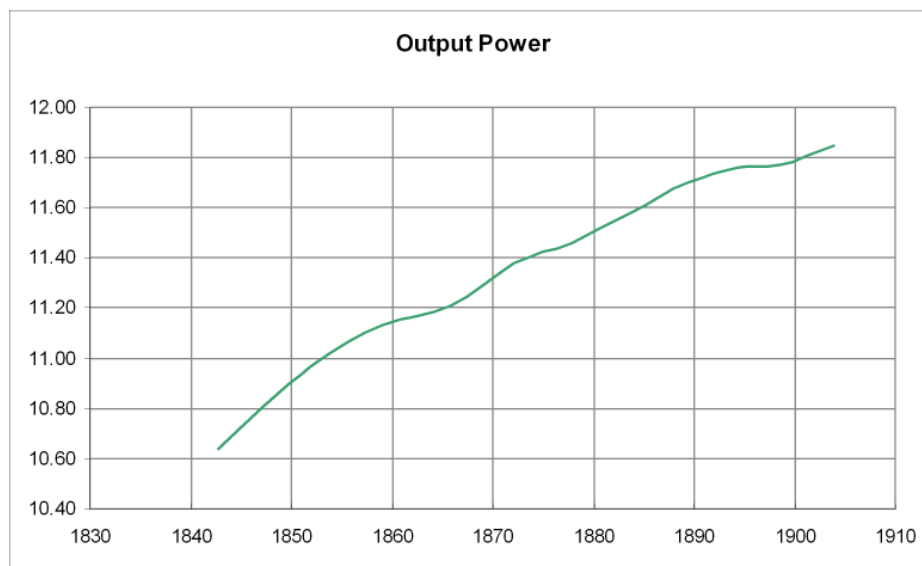
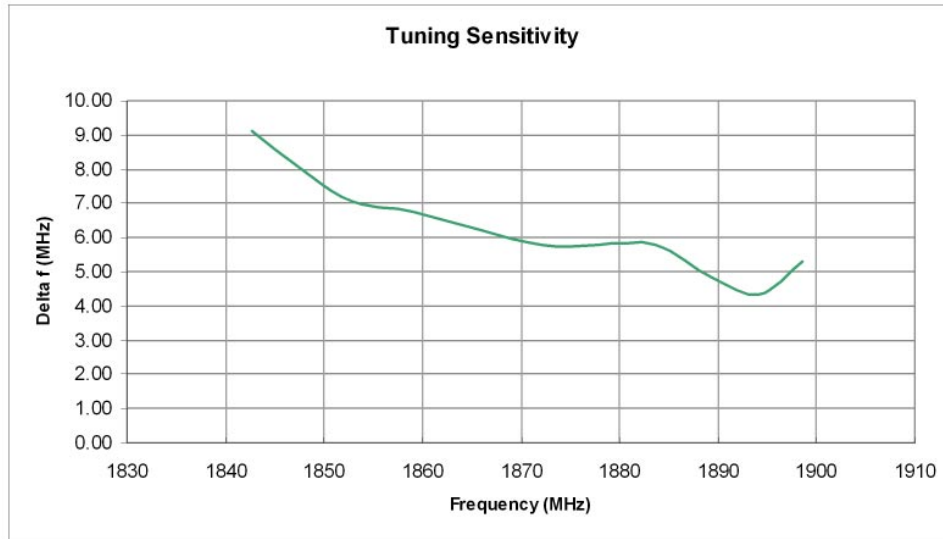


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