

COAXIAL RESONATOR OSCILLATOR

SURFACE MOUNT MODEL: SYN2121N

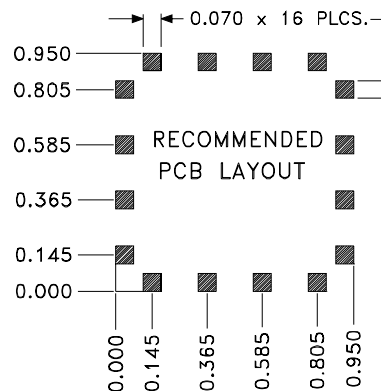
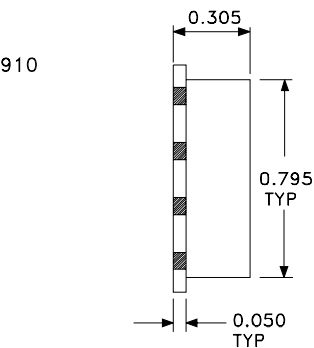
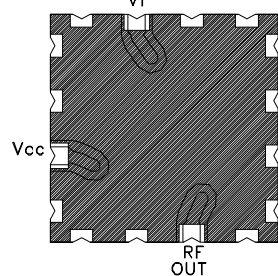
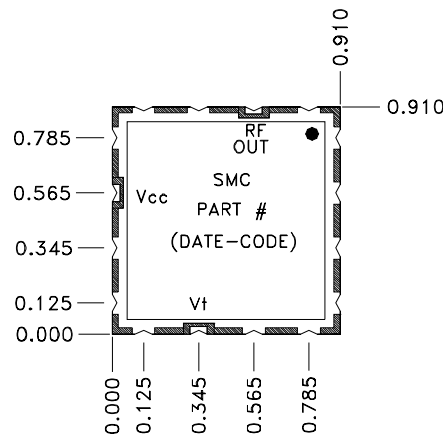
ULTRA LOW-NOISE

2155-2167 MHz

SPECIFICATIONS

Oscillator Frequency Range:	2155-2167 MHz	SSB Phase Noise:	
Tuning Voltage:	1 to 9 V (Max)	@ 1 kHz offset	-80 dBc/Hz
Tuning Sensitivity:	3 to 5 MHz/V (Typ)	@ 10 kHz offset	-110 dBc/Hz
Output Power:	3 dBm \pm 2dB	@ 100 kHz offset	-130 dBc/Hz
Bias Voltage:	9 VDC @ 30mA	Pulling:	2 MHz @ 1.75:1 VSWR
Harmonic Suppression:	-10 dBc (Max)	Pushing:	1 MHz/V(Typ)
		Operating Temp. Range:	-30° to +60°C

MECHANICAL OUTLINE: 165SL

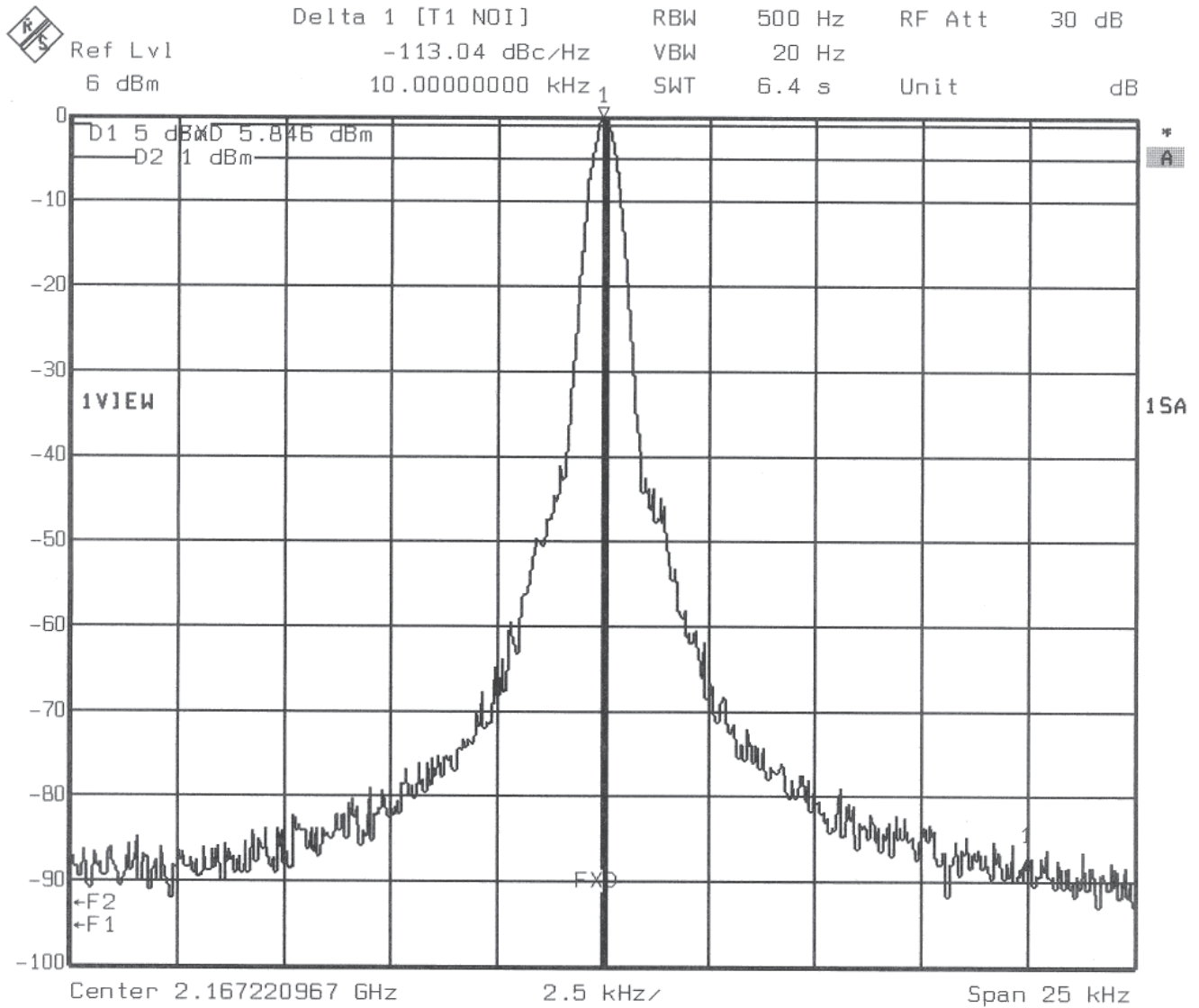


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PERFORMANCE PLOTS



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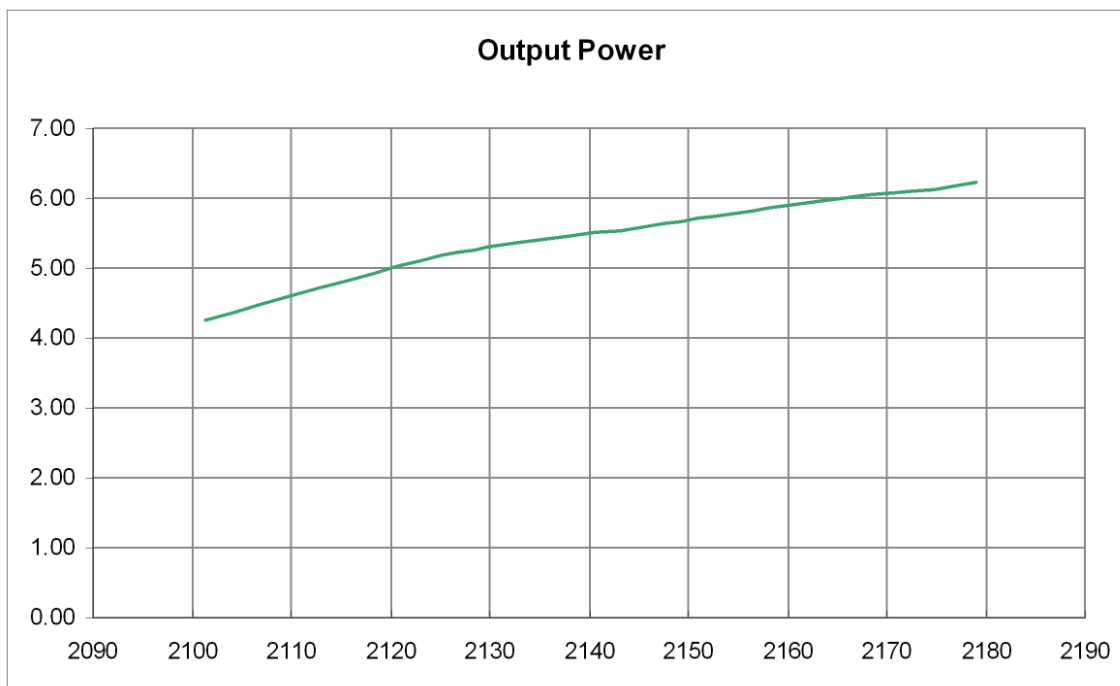
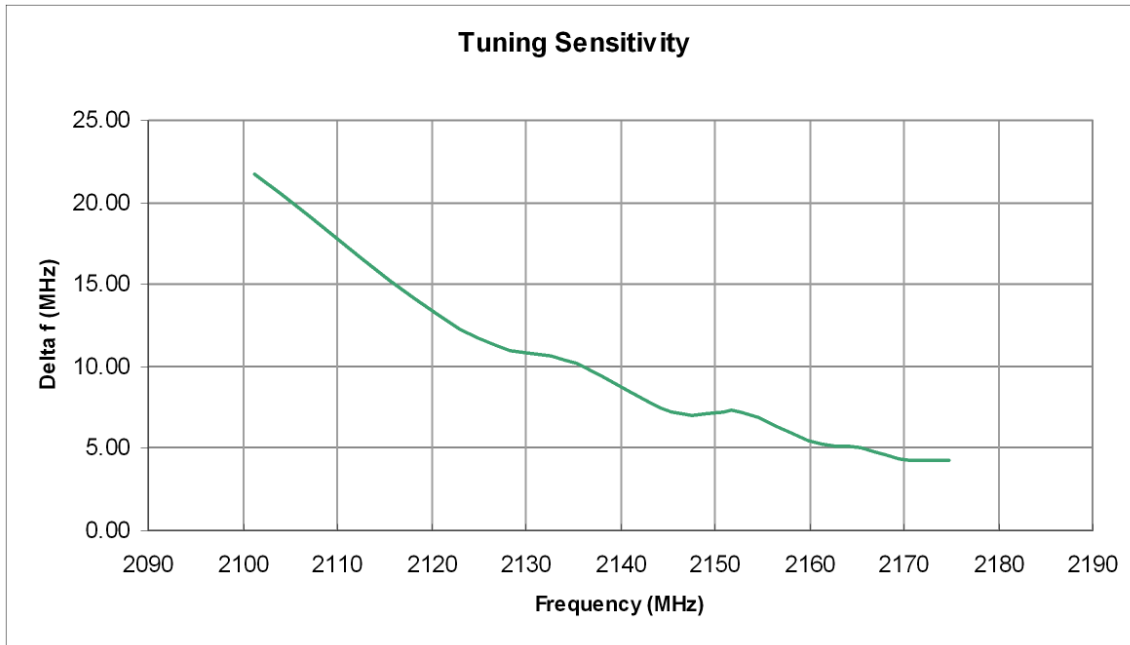


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