

COAXIAL RESONATOR OSCILLATOR

SURFACE MOUNT MODEL: SMC2235N

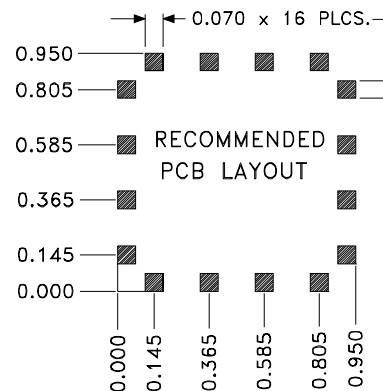
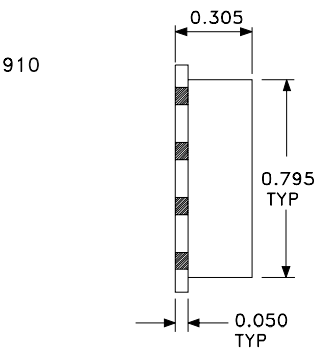
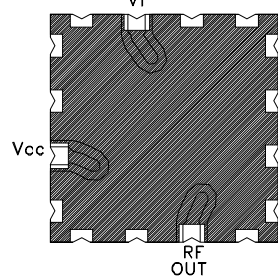
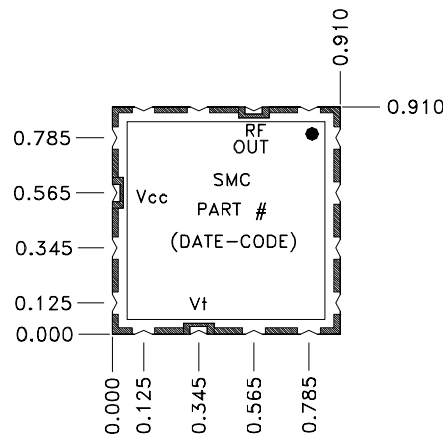
ULTRA LOW-NOISE

2235 ±3 MHz

SPECIFICATIONS

Oscillator Center Frequency:	2235 ±3 MHz	SSB Phase Noise: @ 25°C	
Tuning Voltage:	1 to 8 V (Max)	@ 1 kHz offset	-84 dBc/Hz
Tuning Sensitivity:	3 to 4 MHz/V (Typ)	@ 10 kHz offset	-110 dBc/Hz
Output Power:	2 dBm ±2dB	@ 100 kHz offset	-127 dBc/Hz
Bias Voltage:	8 VDC @ 30mA	Pulling:	2 MHz @ 1.75:1 VSWR
Harmonic Suppression:	10 dBc (Typ)	Pushing:	1 MHz/V(Typ)
		Operating Temp. Range:	-20° to +70°C

MECHANICAL OUTLINE: 165SL



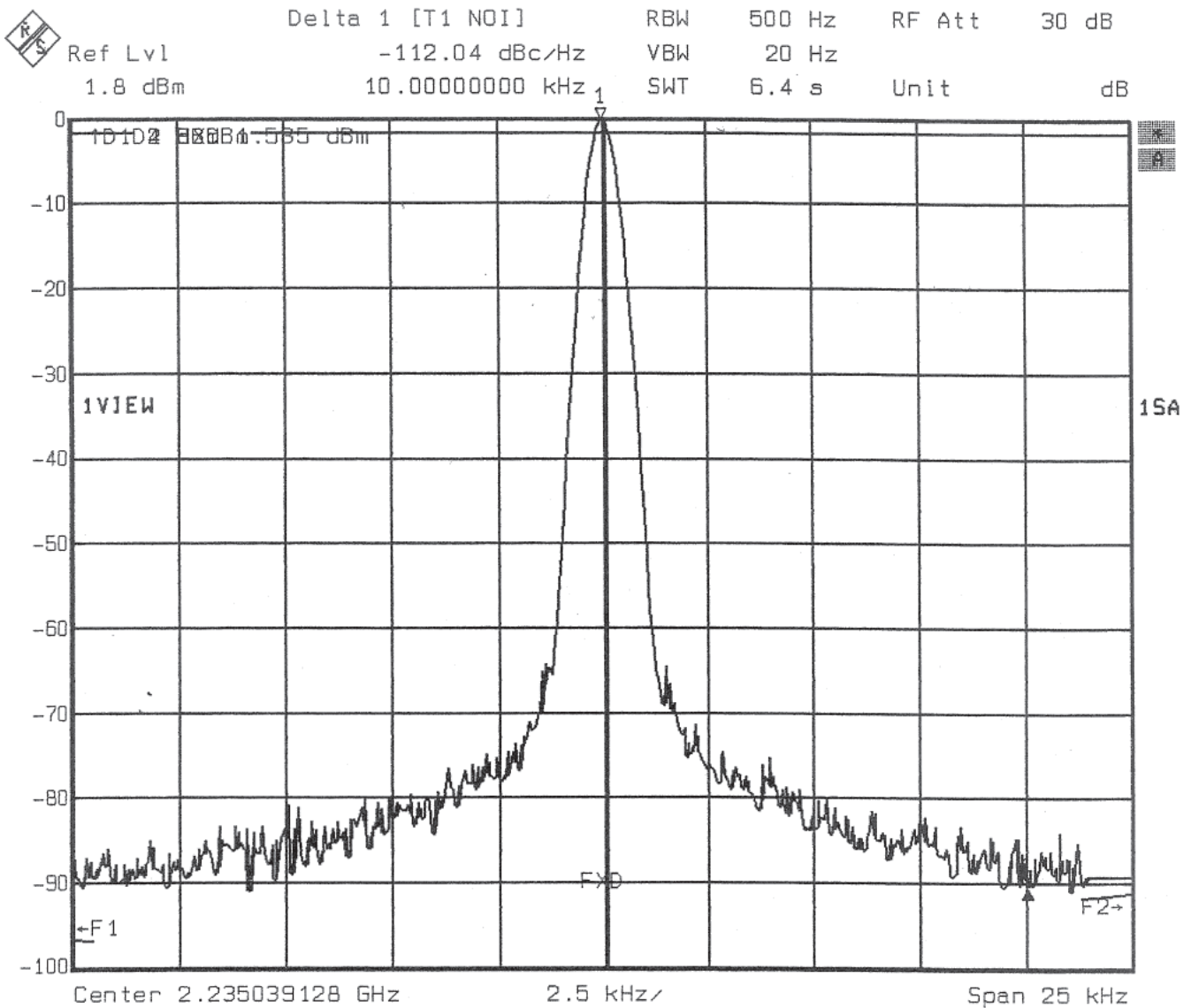
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PERFORMANCE PLOTS



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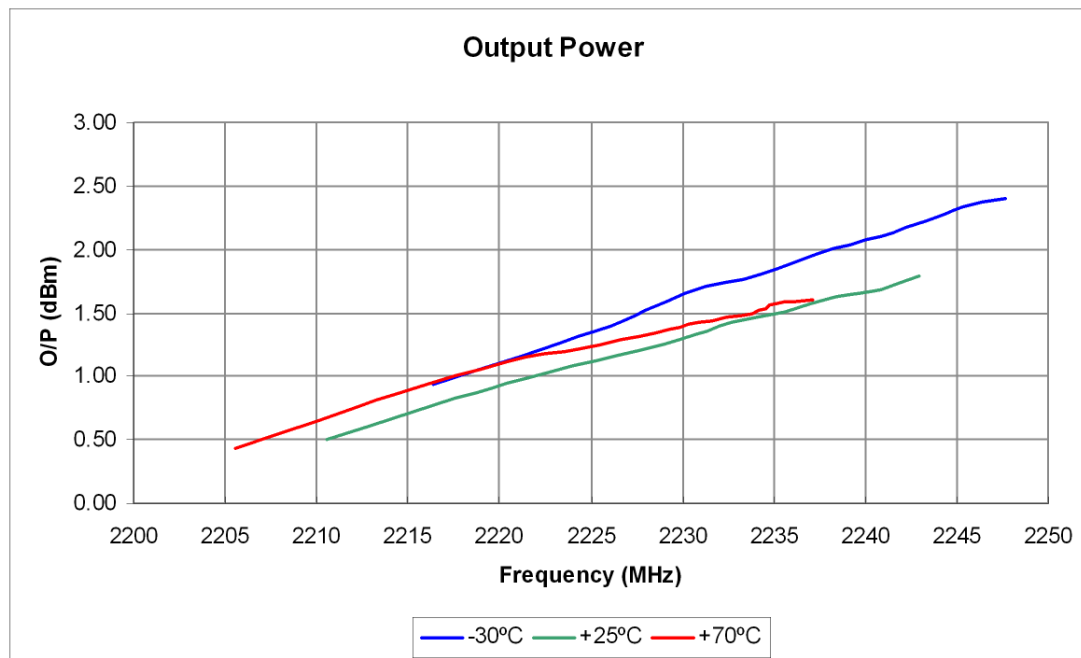
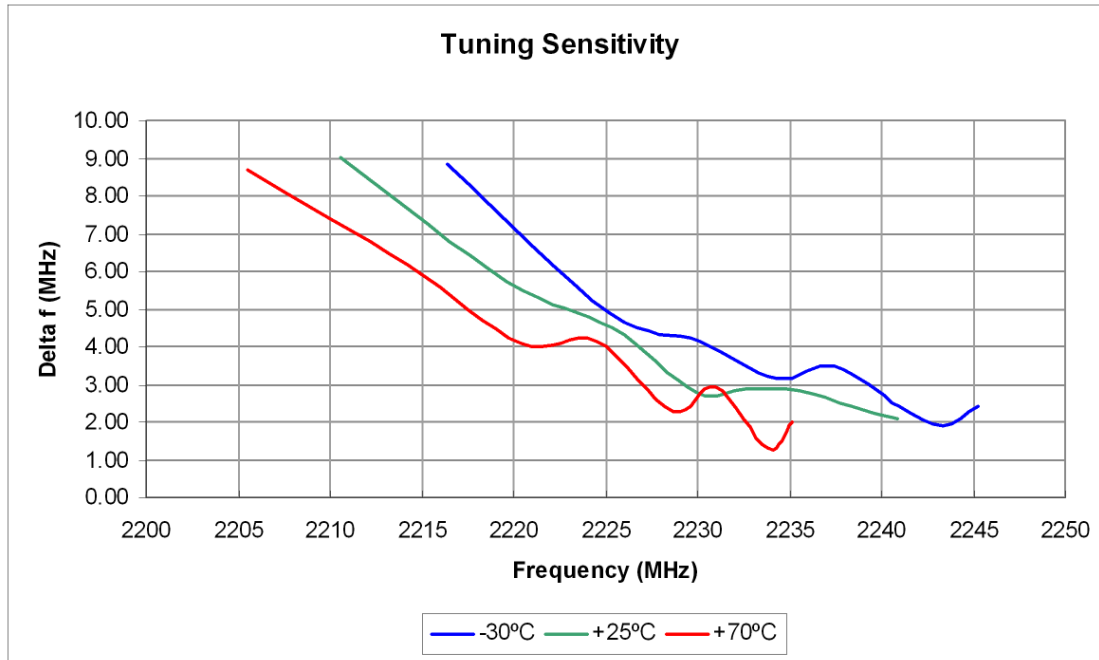
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