

WaveSources

Reno, Nevada 775-322-0968

LCFP10086530

Surface Mount Programmable Frequency Synthesizer

835 - 895 MHZ

Electrical Specifications, Data @ 25°C - Specifications subject to change without notice

PARAMETER	TEST CONDITIONS	UNITS	MIN	TYPICAL	MAX
FREQUENCY RANGE		MHZ	835.000		895.000
REFERENCE FREQUENCY		MHZ		12	
STEP SIZE		KHZ		30	
OUTPUT POWER ^{1,2}		dBm		-2.0	
POWER FLATNESS ^{1,2}		dBm			+/-2
HARMONICS ^{ALL}		dBc		-20	-10
SPURIOUS		dBc		<-70	-70
PHASE NOISE	SSB @ 1KHZ	dBc/HZ		-60	-55
	SSB @ 10KHZ	dBc/HZ		-85	-80
	SSB @ 100KHZ	dBc/HZ		-105	-100
	SSB @ 1000KHZ	dBc/HZ		-120	-110
TEMP RANGE		°C	-20		70
VCC		V	+11.75	+12.0	+12.25
ICC		MA			65

1. All data specified are with a 50-Ohm load termination.
2. Power Flatness is specified @ MIN, MAX frequencies, and Temp Range.