Luff RESEARCH
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FREQUENCY SOURCE WORKSHEET

COMPANY NAME: _____ **DATE:** _____

CONTACT: _____ **TEL:** _____

E-MAIL: _____ **FAX:** _____

Output Frequency	**Requirement**	**Typical Specifications**
Tuning range or Fixed Output Frequency (MHz):		
Frequency step size (kHz):		
Frequency stability & accuracy for internal ref. (PPM):		±1 PPM (-10°C to +60°C)
Phase noise in dBc/Hz (typ.) L(100 Hz)		
L(1 kHz)		
L(10 kHz)		
L(100 kHz)		
L(1 MHz)		
Spurious (dBc):		-60 dBc
Harmonics typical (dBc):		-20 dBc
Power out minimum (dBm):		+13 dBm
Output power variation (dB):		2 dB
Output VSWR:		1.5:1 (typical)
Load VSWR:		2:1 (typical)

Input Frequency		
Input reference frequency (MHz):		10 MHz (typically)
Input ref. freq. level (dBm):		0 dBm (± 3 dB)

Frequency Tuning / Alarm		
Frequency control (serial or parallel):		serial or parallel
Acquisition time (msec):		<50 msec
Phase-lock indicator (TTL or Open Collector):		

Typical DC Power		
+5.0, +5.2, +12.0, +15.0 Vdc (mA):		

Environment		
Operating temperature range (surface):		0°C to 60°C
Storage temperature range:		-40°C to 85°C
Relative humidity (non-condensing):		90%RH @ 40°
Shock:		30 G / 10msec
Vibration:		4 G / 20 Hz - 20 kHz