OUTPUT
Frequency
2.4 GHz
Level
+13 dBm ±2 dB into 50 ohms
STABILITY
Aging (free-running)
1 x 10 <sup>-6</sup> first year
after 30 days operating, typical
5 x 10 <sup>-7</sup> second year, typical
3 x 10 <sup>-7</sup> per year thereafter, typical
Phase Noise L(f), typical
100 Hz -100 dBc/Hz
1 KHz -127 dBc/Hz
10 KHz -144 dBc/Hz
100 KHz -145 dBc/Hz
Temperature Stability
±5 x 10 <sup>-7</sup> , 0 to +50°C (Ref. +25°C)
Harmonics
-25 dBc
Sub-Harmonics
-60 dBc
Spurious
-80 dBc, excluding power
supply line related spurs
MECHANICAL
Dimensions
4.16 x 4.00 x 1"
Connectors
SMA(f)'s and solder pins on side
Packaging
Nickel-plated machined
aluminum housing – J3
Mounting
Threaded inserts on base,
#2-56, 6 places
POWER REQUIREMENTS
Warm-Up Power
≤ 14 Watts for 5 minutes
Total Power
≤ 11 Watts at +25°C
Supply Voltage
+15 VDC ±5%

Negative slope

100 MHz SC-cut (x24)

following information:

Serial # - Date Code

Tuning - MT and ET

2.4 GHz MXO-FR

+15 VDC

Output Level

**Test Data** 

501-28980 (Current Rev.)

Use conventional label with the

(Mark connectors with function)

Temperature Stability - free-running

Phase Noise - free-running

Harmonics, Subs, Spurious Power – Warm-up and Total

CRYSTAL Type

OTHER Label

	REV	DATE	REVISION RECORD	DWN	AUTH
AD HISTMENT	-	04-21-15	Initial Release	СВ	
ADJUSTMENT					
Mechanical Tuning					
±4 x 10 <sup>-6</sup>					
Electrical Tuning					
±5 x 10 <sup>-7</sup> , ±5 VDC			J3 MXO Connections		

J3 MXO Connections			
Connector	Function		
1	Supply Voltage		
2	Ground, Case		
3	Electrical Tuning		
4	RF Output		



