

LOW NOISE PLO WITH INT. REF.

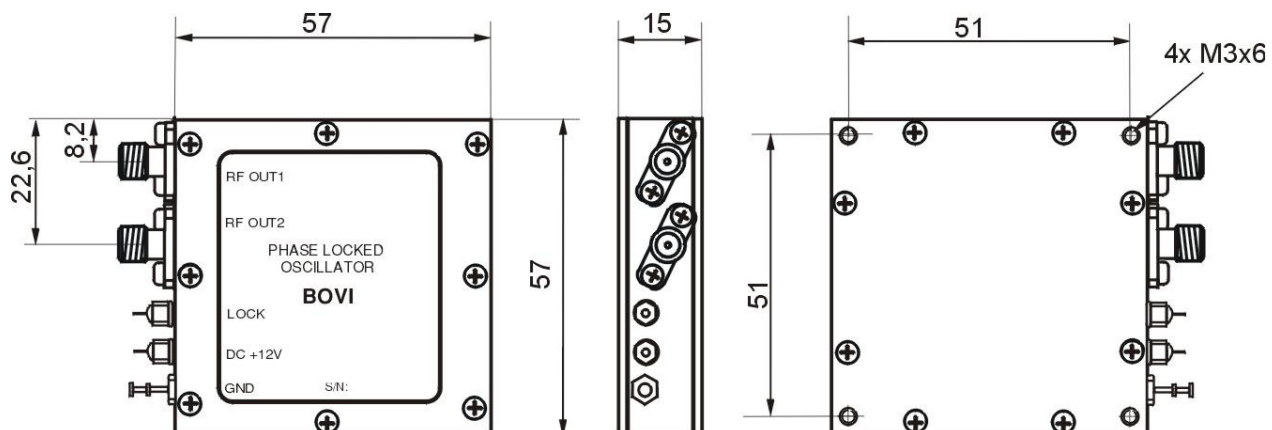
- **VERY LOW PHASE NOISE**
- **LOW SPURIOUS**
- **COMPACT SIZE**
- **BUILT IN HIGH STABILITY REFERENCE**
- **MONITOR OUTPUT**

Electrical characteristics:

Operating Frequency	4000 MHz
Output Power (RF OUT2)	+15dBm typ, but $\geq +14$ dBm in full temperature range
Load VSWR	1.5 : 1(max)
RF Monitor (RF OUT1)	-10dBm typ.
Internal Reference Frequency Stability	+/-0.9ppm
Harmonics	-40dBc typ, -30dBc max.
Spurious	-80dBc typ., -70dBc max.
Phase Lock Alarm	TTL "H" in Lock, TTL "L" in Unlock
Phase Noise (dBc/Hz)	-83 typ., -77 max. @ 100Hz
	-110 typ., -104 max. @ 1kHz
	-115 typ., -109 max. @ 10kHz
	-132 typ., -126 max. @ 100kHz
	-152 typ., -146 max. @ 1MHz
Noise floor	-160dBc/Hz typ.
Supply Voltage & Current	+12V DC +/- 1.0V
Current	190mA typ, 200mA max @ +12V
Operating Temperature Range	- 20°C to + 60°C
Storage Temperature Range:	- 40°C to + 80°C
Connectors: RF Output 1-2	SMA Female
Supply Voltage:	Filtered feedthru
Phase Lock Alarm	Filtered feedthru
GND	Soldered Lug

Specifications are subject to change without notice.

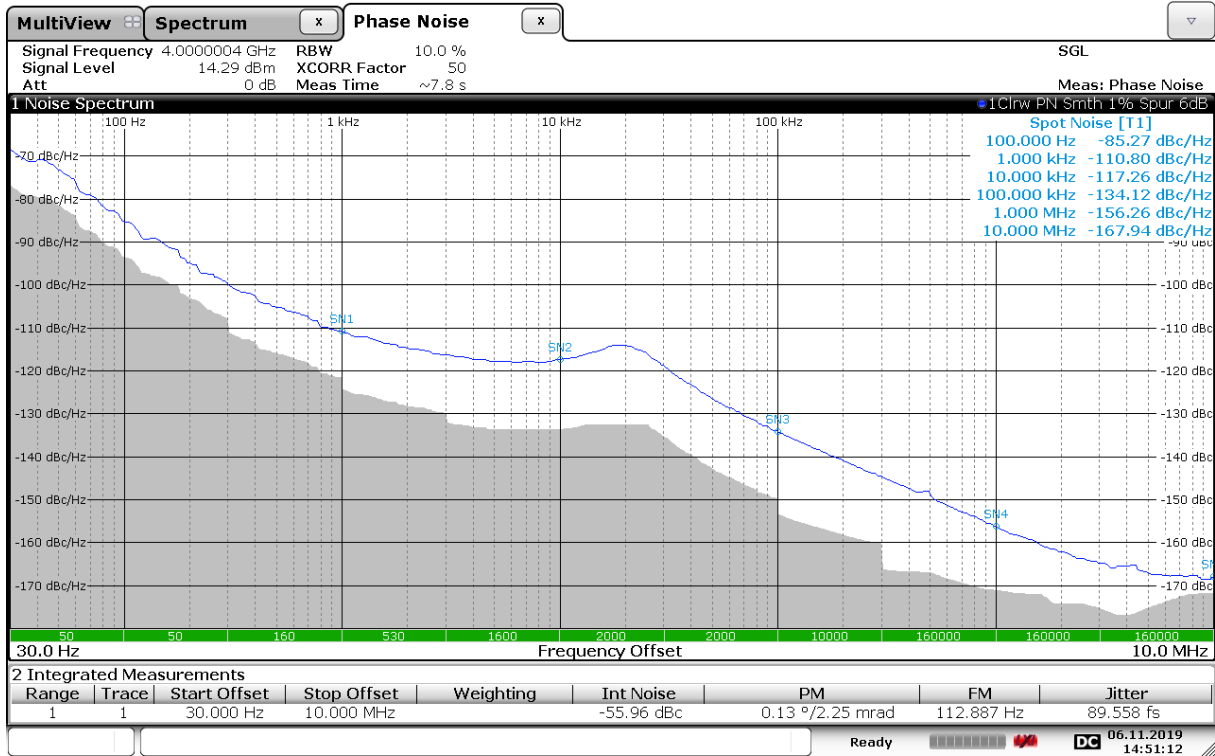
Outline dimensions (mm):





LOW NOISE PLO WITH INT. REF.

Phase noise plot



Date: 6.NOV.2019 14:51:12

