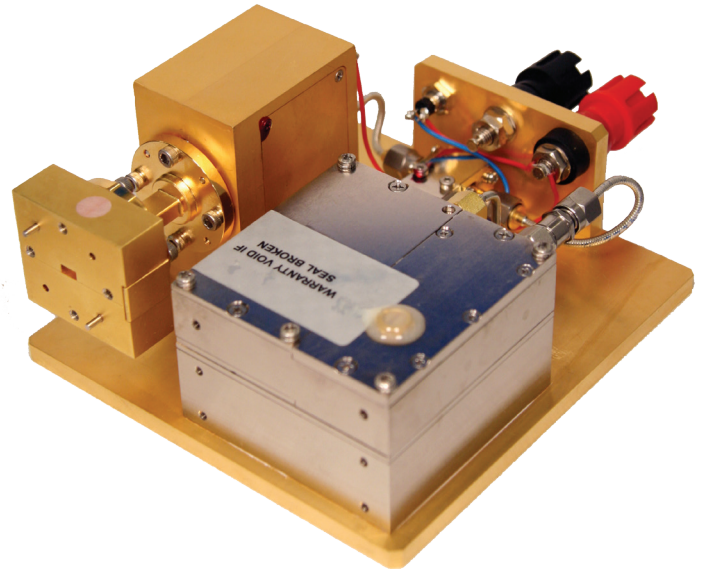


## WPLO-19-X17

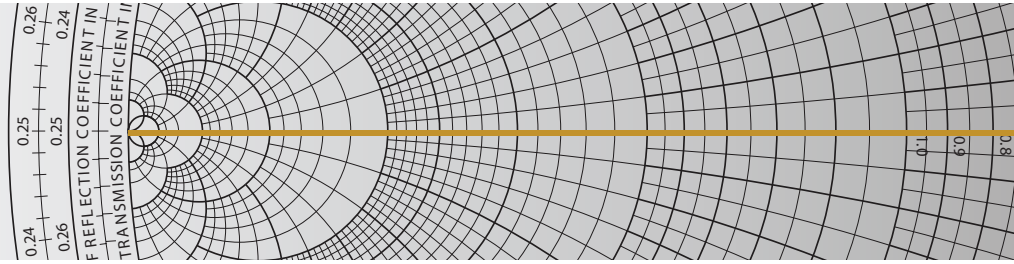
Rev: October 2012

The WPLO-19-X17 is a dual mode U-band phased locked source, with high frequency stability and a low phase noise. The unit consists of a low frequency PLDRO with an internal reference source, but can also lock to an external reference source. The fixed output frequency can be set within the 55 to 64 GHz frequency range.



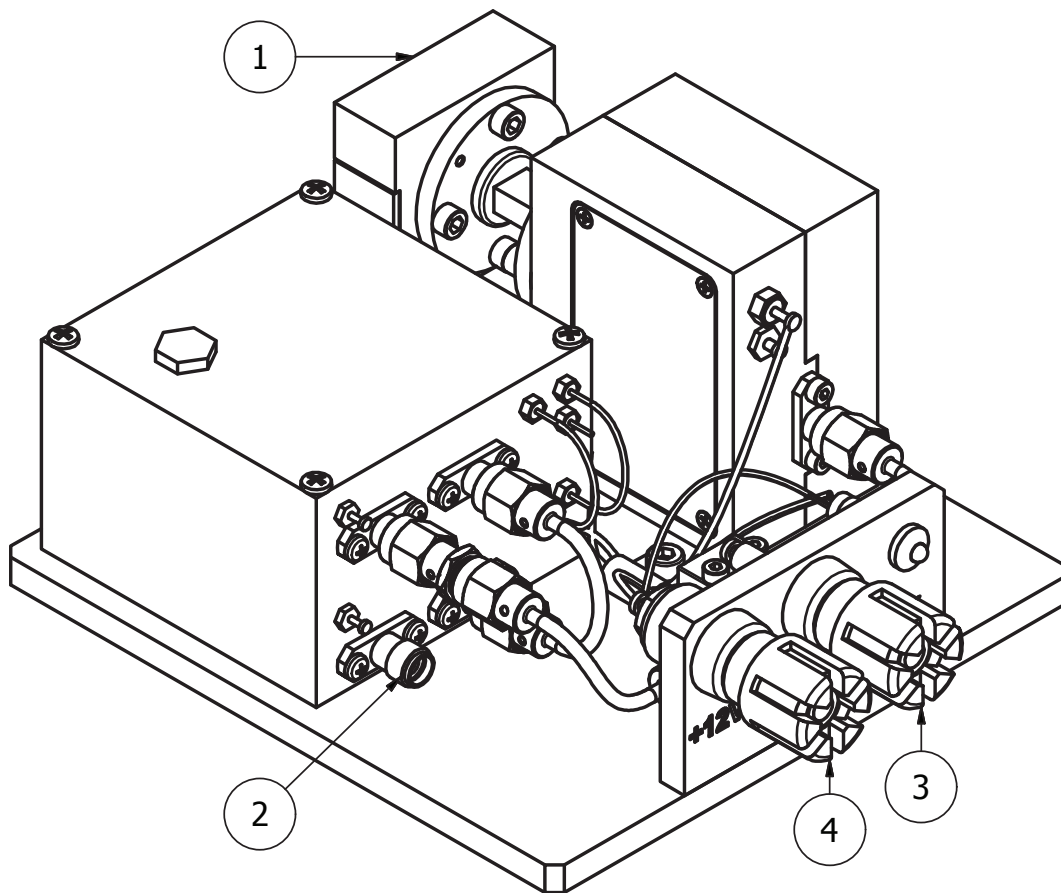
Specification	Min	Typ	Max	Unit
Output spot frequency	50		64	GHz
Frequency accuracy <sup>1</sup>			+ / - 1	ppm
Output power		18		dBm
Harmonics			-40	dBc
Phase noise @ 100 KHz			-100	dBc
Ext. reference frequency	5	or	10	MHz
Ext. reference power	-3		3	dBm
Supply voltage		12		VDC
Supply current		800		mA
Interfaces	Output: WR-19 (UG-387/U), Ext. ref.: SMA(f)			

<sup>1</sup> when using the internal reference source

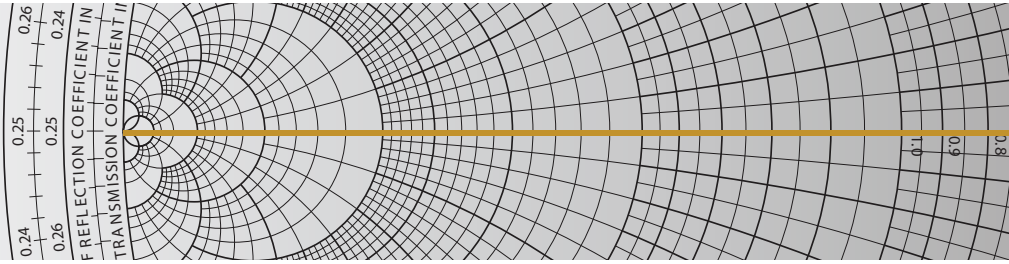


## Connections

Rev: October 2012

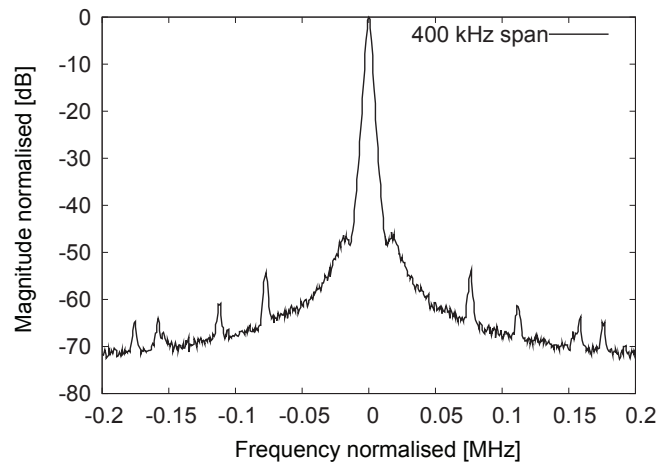
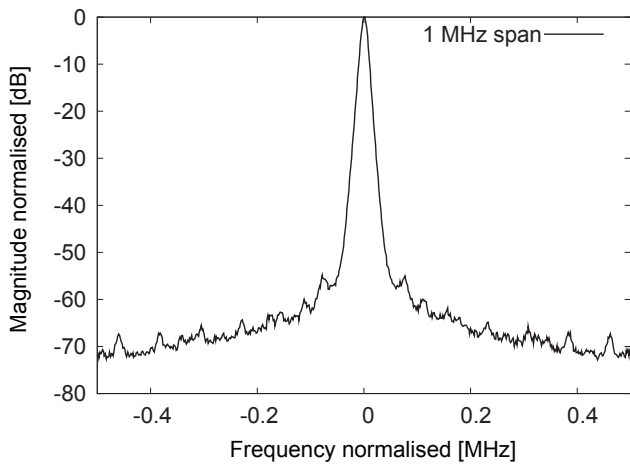
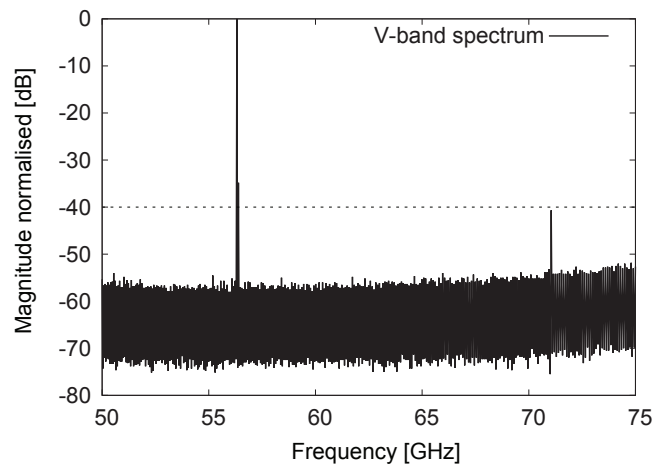
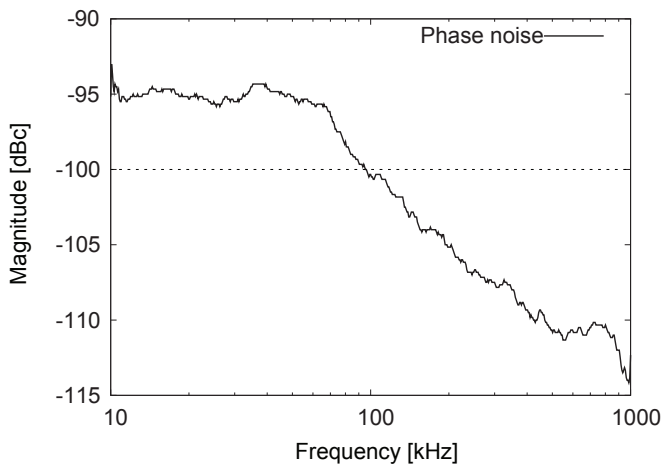


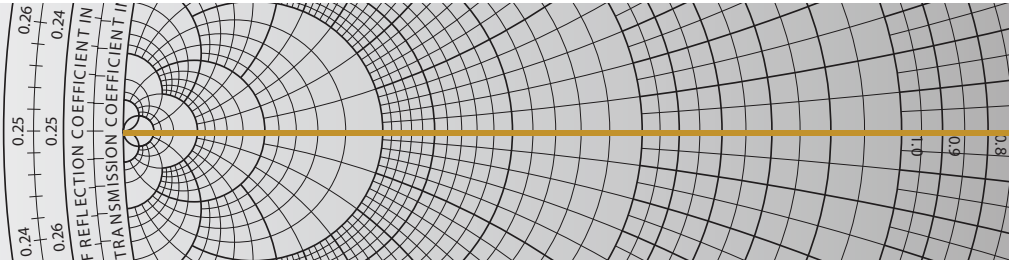
No.	Name	Specification
1	RF output	WR-19, UG-387/U
2	Reference	SMA (f)
3	GND	Terminal, 4 mm (0 V)
4	V+	Terminal, 4 mm (12 V)



Rev: October 2012

## Measurement of a 57 GHz PLO (WPLO-19-5717)





## Package dimension (mm)

Rev: October 2012

