

MINEX SUMMARY

<u>Model</u>	30-29-200-B	5C4 Chassis, Borosilicate Glass, Low Vibration Cryo Mount, Capacitor Board and Beryllium Copper Traces
<u>Vacuum</u>	Very Good	Running in intermittent mode around 13watts (data recorded)
<u>Cryo</u>	Very Good	Cooldown to ColdHd 70K / LNA 80K, 155watts (data recorded)
		Testing done at 65K, problems with driving on its own when shutdown, running at 70K solves that problem.
<u>X-pole</u>	Very Good	Noise (4.75 - 4.0dB out to 14GHz)
<u>Y-pole</u>	Very Good	Noise (5.0 - 4.0dB out to 14GHz)

LNA RECOMMENDED BIAS SETTINGS

Vm + Vd must be set exactly to values below

Adjust Vg as needed to get Id 25.1 to 25.3

Pole	Minex LNA S.N.	Bias at Minex	PAM's (HC default)
X	C-0044a	Vm -.50v / Vg -.04v / Vd 1.20v / Id 20.6ma	15.0 / 15.0
Y	C-0043a	Vm -.50v / Vg -.04v / Vd 1.20v / Id 23.0ma	

