

**MINEX SUMMARY**

<b><u>Model</u></b>	<b>30-29-200-B</b>	<b>5C4 Chassis, Borosilicate Glass, Low Vibration Cryo Mount, Capacitor Board and Beryllium Copper Traces</b>
<b><u>Vacuum</u></b>	<b>Very Good</b>	<b>Running in intermittent mode around 9watts (data recorded)</b>
<b><u>Cryo</u></b>	<b>Very Good</b>	<b>Cooldown CHd 65.8K / LNA 69.9K, around 158watts (data recorded)</b>
<b><u>X-pole</u></b>	<b>Good</b>	<b>Noise (5.25 - 4.25dB out to 14GHz)</b>
<b><u>Y-pole</u></b>	<b>Good</b>	<b>Noise (5.25 - 4.25dB out to 14GHz)</b>

**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**

<b>Pole</b>	<b>Minex LNA S.N.</b>	<b>Bias at Minex</b>	<b>PAM's (HC default)</b>
<b>X</b>	<b>C-0045a</b>	<b>Vm -.50v / Vg .26v / Vd 1.20v / Id 25.3ma</b>	<b>15.0 / 15.0</b>
<b>Y</b>	<b>C-0048a</b>	<b>Vm -.50v / Vg .39v / <u>Vd 0.87v</u> / Id 25.3ma (HC)</b>	

