**Description**

This pyramid is for a retrofitted Antonio feed. It includes arms, LNAs, and a temperature diode.

**Pyramid Status**

|  |  |
| --- | --- |
| Document last update | 2021-06-03 |
| Pyramid S.N. | 009 |
| Last worked on | Initial Retrofit 2021 |
| Feed Base (previous/current) | 5C4-009-A |
| Original build date | 2015-12-01 |
| Number of cooldown cycles | 5 (2017-02-06) |
|  |  |

**LNA Summary**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| X Pole LNF LNA | MMIC | | Room temp Biasing | | | Cryo temp Biasing |
|  | Chalmers | | Vds= V  Ids= mA  Vgs= V  Vm= V  Im= mA | | | Vds= V  Ids= mA  Vgs= NA  Vm= V  Im= mA |
|  | |  | |  |
| Y Pole LNF LNA | MMIC | | Room temp Biasing | | | Cryo temp Biasing |
|  | Chalmers | | Vds= V  Ids= mA  Vgs= V  Vm= V  Im= mA | | | Vds= V  Ids= mA  Vgs= NA  Vm= V  Im= mA |

**Retrofits**

|  |  |
| --- | --- |
| Tip-Link: R03 | In Progress |
| Gold Plated | X |
| Preconditioned Coax | X |

**Comments**

Pyramid is not labeled with a 009