

A CRYOGENIC TESTING ENVIRONMENT FOR SPT-3G

MATTHEW YOUNG

Astronomy & Astrophysics Department, University of Toronto, ON

SUPERVISED BY: KEITH VANDERLINDE AND TYLER NATOLI

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ABSTRACT

This is the abstract.

1. INTRODUCTION

This is the introduction.

2. BACKGROUND

You want some background? Here's some background.

3. TESTING ENVIRONMENT

May as well talk about the cryostat for a bit

4. READOUT CHAIN

SQUIDS 4 dayz.

5. DATA PROCESSING

Looking towards the future!

REFERENCES

- Addison, G. E., Huang, Y., Watts, D. J., et al. 2015, arXiv:1511.00055 [astro-ph]
Samtleben, D., Staggs, S., Winstein, B. 2007, in Annual Review of Nuclear and Particle Science, 245-283
Bender, A. N., Cliche, J. F., Haan, T., et al. 2014, arXiv:1407.3161 [astro-ph]
Henning, J. W., Ade, P., Aird, K. A., et al. 2012, arXiv:1210.4969 [astro-ph]
Dobbs, M. A., Lueker, M., Aird, K. A., et al. 2012, Review of Scientific Instruments, 83, 7
Benson, B. A., Ade, P. A. R., Ahmed, Z., et al. 2014, arXiv:1407.2973 [astro-ph]
Ruhl, J. E., Ade, P. A. R., Carlstrom, J. E., et al. 2004, arXiv:astro-ph/0411122