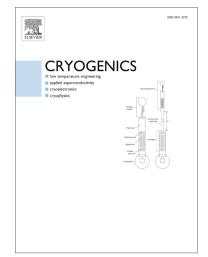
Accepted Manuscript

Research paper

Method for Estimating Off-Axis Pulse Tube Losses

T. Fang, T.I. Mulcahey, R.P. Taylor, P.S. Spoor, T.J. Conrad, S.M. Ghiaasiaan

| PII: DOI: Reference: | S0011-2275(17)30003-6 http://dx.doi.org/10.1016/j.cryogenics.2017.09.003 JCRY 2724 |
|----------------------------|--|
| Kelefence. | JCK1 2724 |
| To appear in: | Cryogenics |
| Received Date: | 24 January 2017 |
| Revised Date: | 31 August 2017 |
| Accepted Date: | 8 September 2017 |



Please cite this article as: Fang, T., Mulcahey, T.I., Taylor, R.P., Spoor, P.S., Conrad, T.J., Ghiaasiaan, S.M., Method for Estimating Off-Axis Pulse Tube Losses, *Cryogenics* (2017), doi: http://dx.doi.org/10.1016/j.cryogenics. 2017.09.003

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

ACCEPTED MANUSCRIPT

Method for Estimating Off-Axis Pulse Tube Losses

T. Fang¹, T. I. Mulcahey^{*1, 2}, R. P. Taylor³, P. S. Spoor⁴, T. J. Conrad⁵, S. M. Ghiaasiaan¹

¹Georgia Tech Cryo Lab, G.W. Woodruff School of Mechanical Engineering, Georgia Institute of Technology Atlanta, GA 30332 USA Nock

²CSA Medical, Inc., Lexington, Massachusetts 02421 USA

³Ball Aerospace & Technologies Corp. Boulder, CO 80301 USA

⁴Biomedical Division, Chart Inc., Troy, New York 12180 USA

⁵Raytheon Space and Airborne Systems El Segundo, CA 90245 USA

> Manuscript Submitted to: Cryogenics

> > On: January 20, 2017

By: *Corresponding Author: Dr. Thomas I. Mulcahey, Ph.D. CSA Medical, Inc. 91 Hartwell Ave. Lexington, MA 02421 (203)598-2317 tom.mulcahey@gmail.com

Download English Version:

https://daneshyari.com/en/article/5444052

Download Persian Version:

https://daneshyari.com/article/5444052

Daneshyari.com