

From: Antonio Paolozzi <antonio.paolozzi@uniroma1.it>
Date: Thursday, February 15, 2018 at 1:54 PM
To: Reinhart Neubert <reinhart.neubert@web.de>
Cc: David Arnold <david-arnold2006@earthlink.net>, Ignazio Ciufolini <ignazio.ciufolini@gmail.com>, ErricosUmbc Pavlis <epavlis@umbc.edu>, Ludwig Grunwaldt <grun@gfz-potsdam.de>
Subject: Re: Temperature distribution with LARES 2 emissivity of cavity very high (29%)

Dear Reinhart, thank you very much for your quick answer.

Case 17 which is the more realistic (satellite body at $T=70^{\circ}\text{C}$) is very good. So we should be ok even with a high emissivity of the cavity. Furthermore, as you say, even in case 16 ($T=140^{\circ}\text{C}$) the loss is acceptable. Looking forward to the analysis with real DAO.

Best regards

Antonio