



Centre National d'Etudes Spatiales



SCA\_RAD\_09  
TRO-34-NT-  
2799-CNES

**Activity : CAL/VAL  
Scarab  
Spectral Response**

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## 1. OBJECTIVE

This document presents the spectral response of each channel. These spectral measurements were obtained on ground with a spectrometer and with black bodies. They were also refined using long wave gain calibration during instrument vacuum tests (with two high performance reference blackbodies) and using short wave gain calibration (with an integrating sphere).

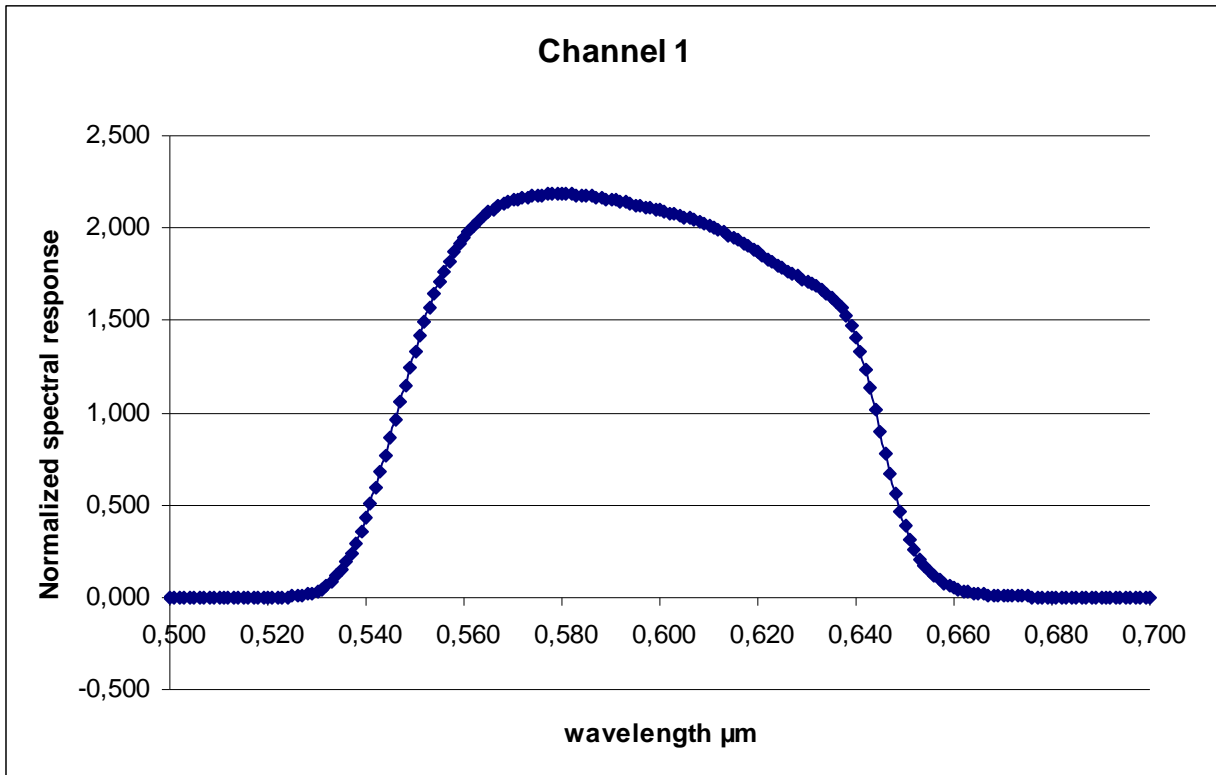
As the coherence between these spectral responses and the in orbit gain is better than 0.2%, no change has been made after the in orbit calibration.

An excel file with these spectral response is given in annex. The name of the file is :  
synthese\_rep\_spectrale\_3b\_site.xls

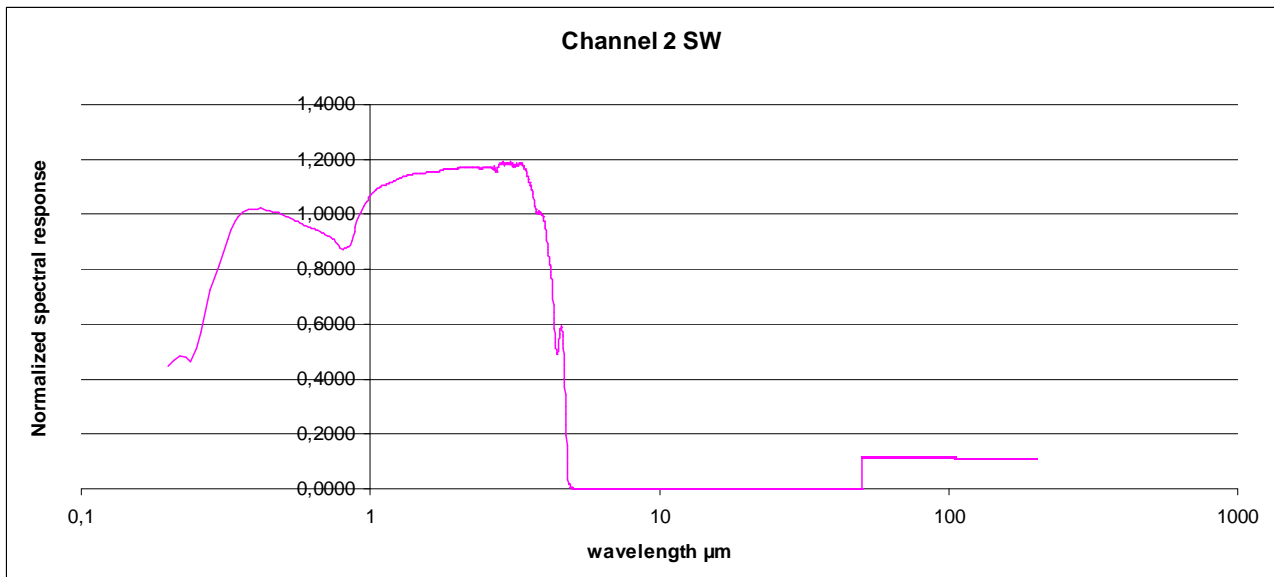
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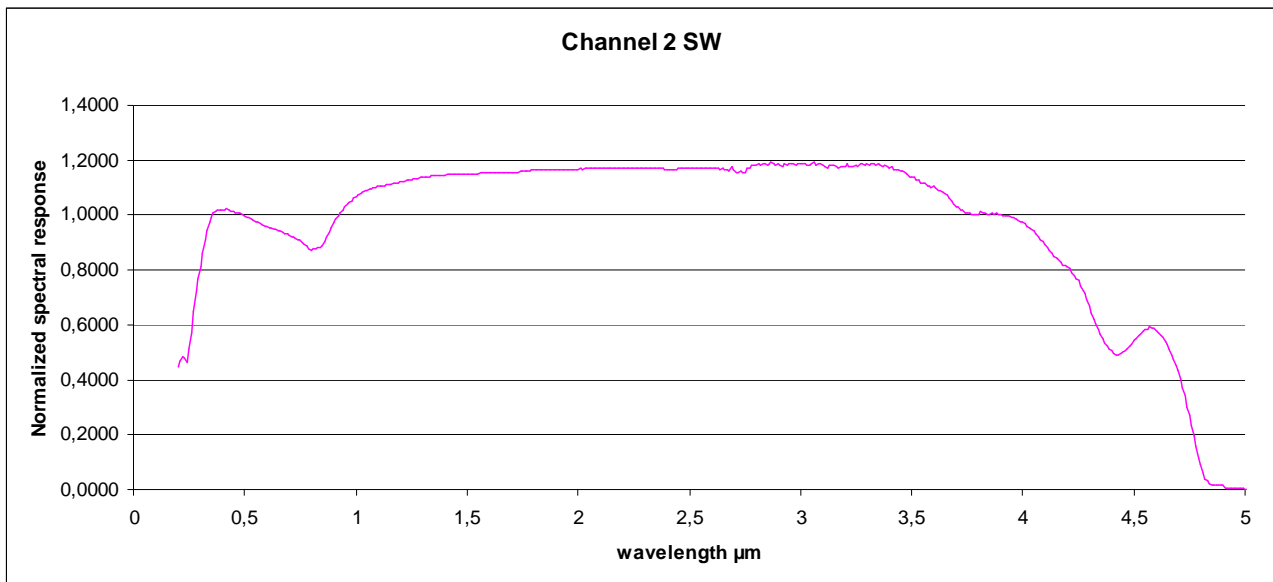
## 2. SPECTRAL REPOSE

### 2.1. CHANNEL 1

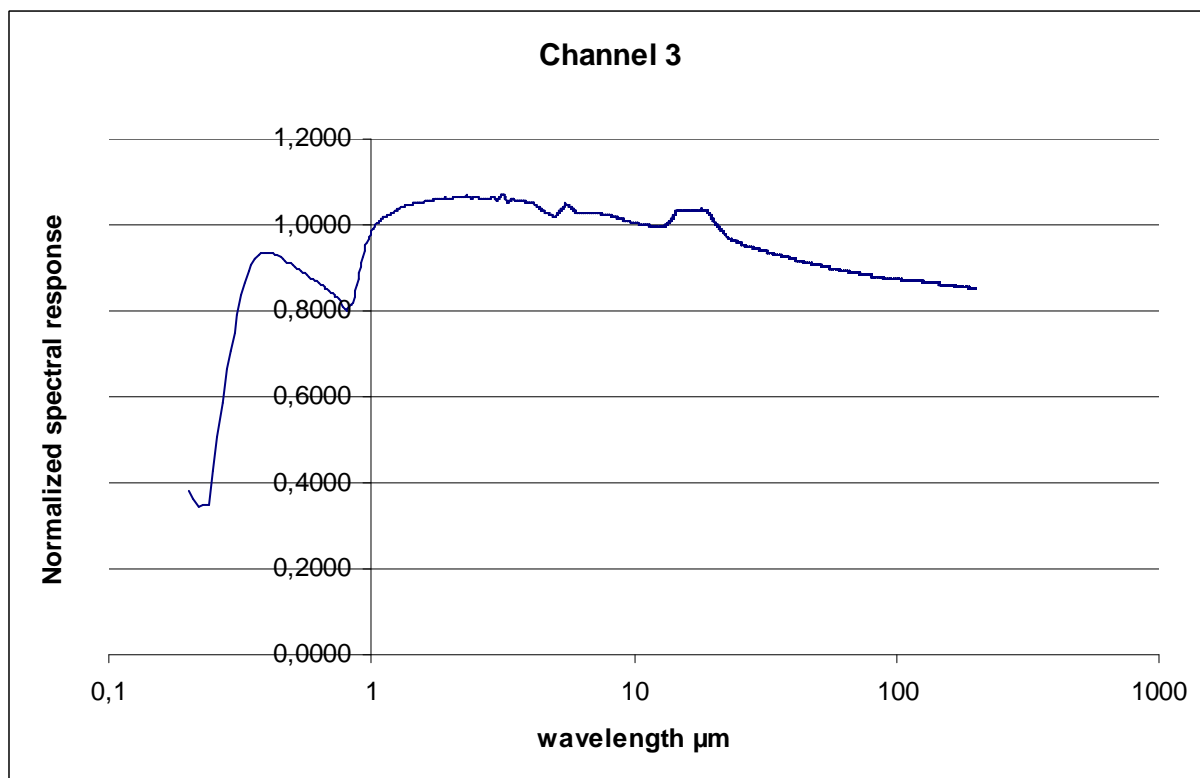


### 2.2. CHANNEL 2





### 2.3. CHANNEL 3



## 2.4. CHANNEL 4

