

Daphne Liu/WHQ/Wistron

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收件者: Roy Hsieh/WHQ/Wistron  
副本: Daphne Liu/WHQ/Wistron  
主旨: RE: ATCB comment

Dear Roy,

As I do not see any SAR report it is difficult to gauge what is needed.

However what I can tell you is the epsilon and sigma were wrongly documented in the initial calibration report which was sent out to you.

The probe was physically calibrated in tissue of epsilon = 55.2 and Sigma = 0.97 to which your probe sensitivity and conversion factors are correct.

A deviation of 0.08 for sigma (comparing the written data against the physical data) would yield less than a 5% uncertainty with regards measurement so I do not see this effecting your measurements if you were to use the values for epsilon and sigma which were quoted in the older version of the calibration report.

Within our group we have calibration technicians who follow the direction of the engineer and project manager that conduct the physical calibration exercises. The data resulting from this is then passed onto a documentation control manager who issues the paper work for signature. It appears to me that the documentation manager issued the wrong calibration report to the engineer who in turn only verified his data for conversion factor, sensitivity and video bandwidth. As the report relates only to an administration function technically this probe has been calibrated within the correct and accepted methodologies and should not cause you any deviation from expectations or scientific goals.

However please ensure that you follow the FCC regulations for the dielectric target values for the tissue and you will have no uncertainty.

Thanks,  
Stuart.

2006/12/19