

Correspondence Summary

Questions & Answers

02/18/2003

Applicant: Biotronik GmbH & Co.
Equipment: Patient Device, CM02-1
FCC ID: QRICM02-1

Q-11: SAR: The FCC requires that the tissue parameters and probe calibration be done at 1900 and not 1800 for measurement in the 1900 PCS band. The probe conversion factor used is for 1800 MHz. Please, provide new measurements with a ConvF at 1900 MHz.

A-11:

Page 41 of the SAR test report : Conversion factor 1800 MHz is included in a transducer table with conversion factors with frequency range from 1700 MHz to 1910 MHz. Please find attached "conversion_factor.pdf".

The measurement software Dasy 4 use in dependence of the registered (listed) frequency (Tx channel of the sample) the correct conversion factor out of the transducer table.

Additional request:

Q-1: SAR – 1900MHz Conversion factors: What is the conversion factor for 1900MHz based on the table with conversion factors with frequency range from 1700 MHz to 1910 MHz? Please justify and include an analysis of the expected variation on the SAR value.

A-1 : SAR - 1900MHz Conversion factors:

Please find attached calibration certificate from the company Schmid & Partner Engineering AG.

There find you the modified certificate for the SN:1707 probe and numerically assessed conversion factor at 1900 MHz for body tissue.

Bruno Clavier

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