

GSM1900 Left Cheek Low

Date: 2015-07-05

Electronics: DAE4 Sn777

Medium: Head 1900 MHz

Medium parameters used(interpolated): $f = 1850.2$ MHz; $\sigma = 1.383$ S/m; $\epsilon_r = 39.52$; $\rho = 1000$ kg/m³

Ambient Temperature: 22.7°C Liquid Temperature: 22.2°C

Communication System: GSM 1900MHz Frequency: 1850.2 MHz Duty Cycle: 1:8.3

Probe: EX3DV4 - SN3846 ConvF(7.26, 7.26, 7.26)

Area Scan (61x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.362 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.857 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.436 W/kg

SAR(1 g) = 0.286 W/kg; SAR(10 g) = 0.174 W/kg

Maximum value of SAR (measured) = 0.372 W/kg

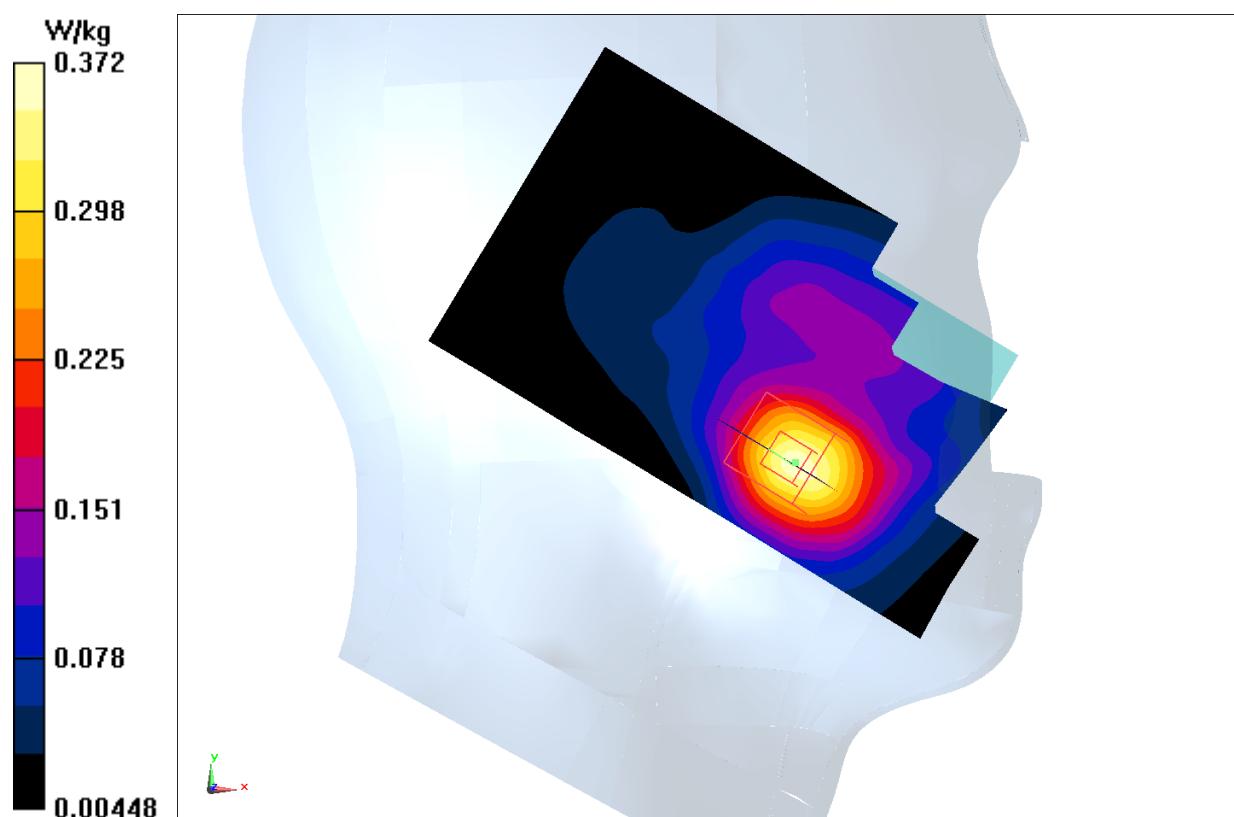


Fig.3 Head 1900 MHz

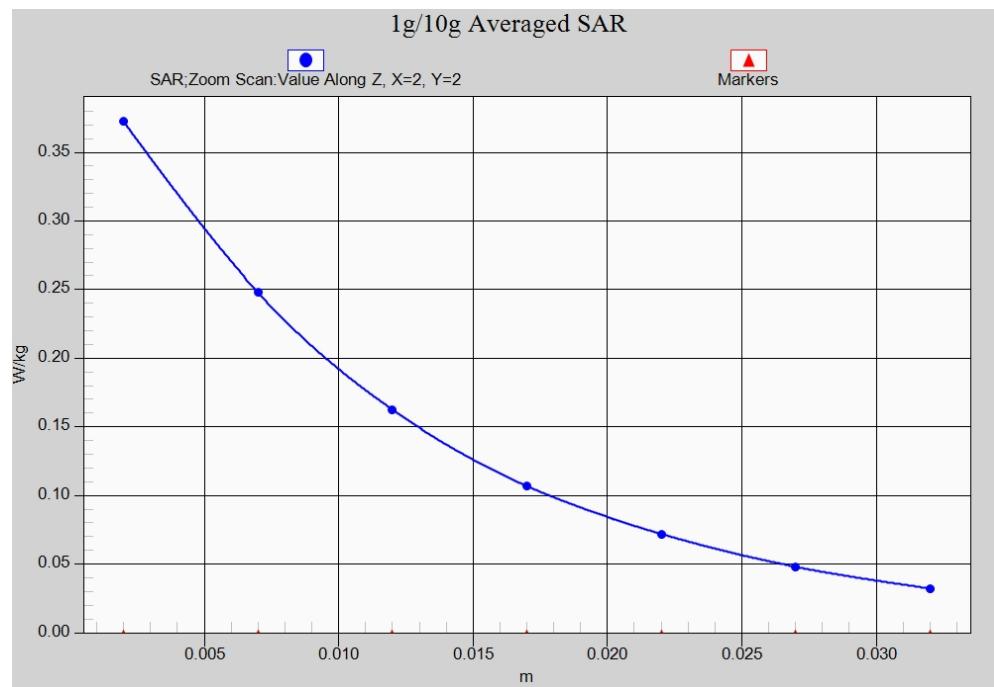


Fig. 3-1 Z-Scan at power reference point (1900 MHz)

GSM1900 Body Rear Low with GPRS

Date: 2015-07-05

Electronics: DAE4 Sn777

Medium: Body 1900 MHz

Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.541$ S/m; $\epsilon_r = 52.60$; $\rho = 1000$ kg/m³

Ambient Temperature: 22.7°C Liquid Temperature: 22.2°C

Communication System: GSM 1900MHz GPRS Frequency: 1850.2 MHz Duty Cycle: 1:2

Probe: EX3DV4 - SN3846 ConvF(7.15, 7.15, 7.15)

Area Scan (101x61x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.674 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.149 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.846 W/kg

SAR(1 g) = 0.538 W/kg; SAR(10 g) = 0.329 W/kg

Maximum value of SAR (measured) = 0.644 W/kg

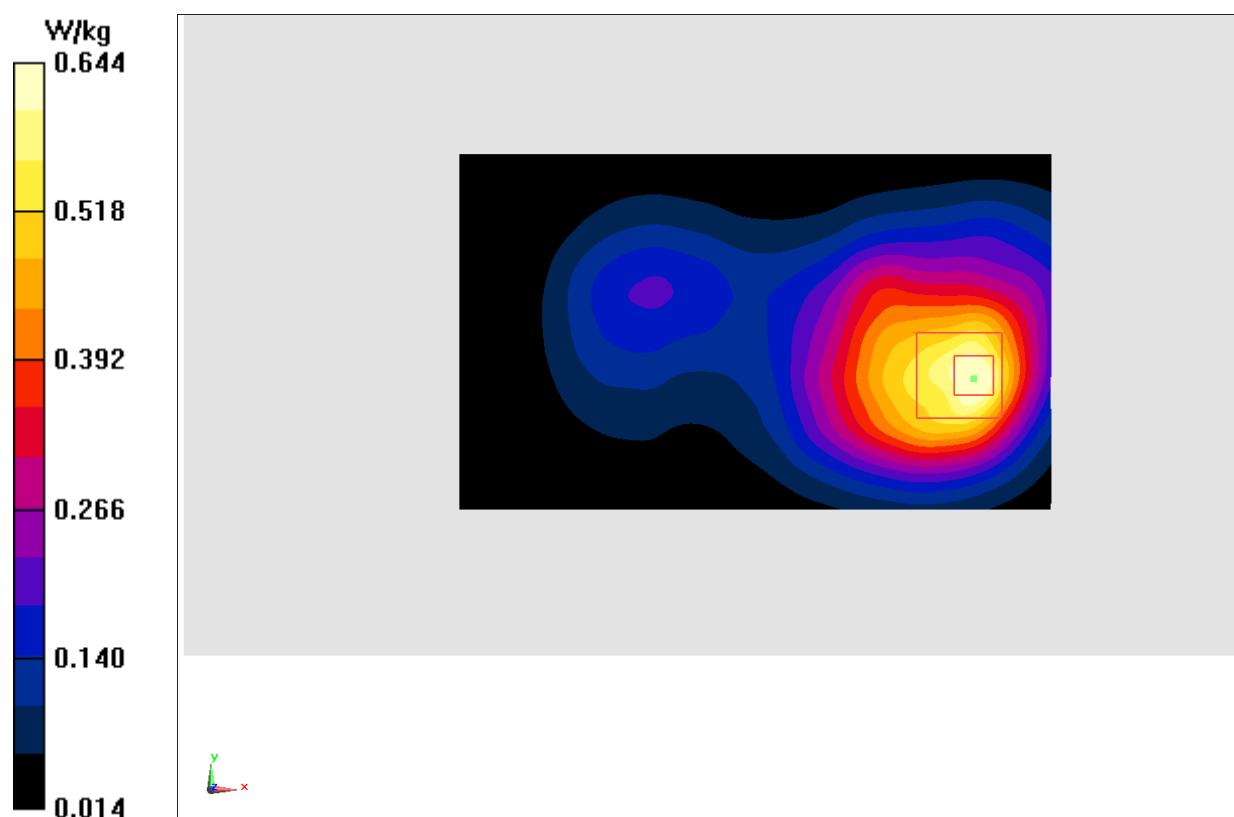


Fig.4 Body 1900 MHz

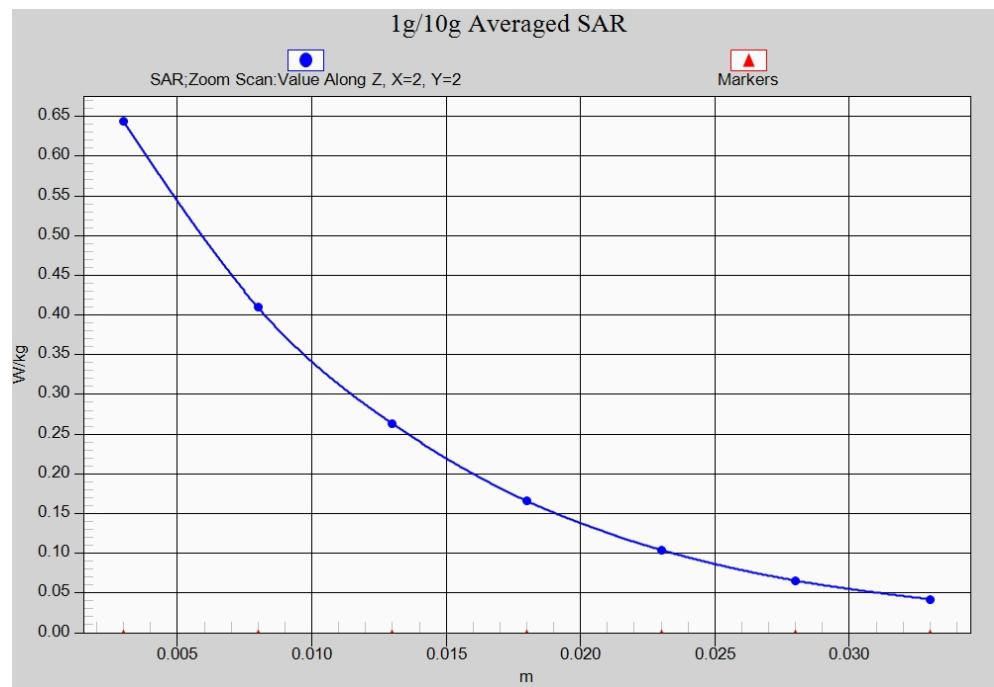


Fig.4-1 Z-Scan at power reference point (1900 MHz)

WCDMA 1900 Left Cheek Middle

Date: 2015-07-04

Electronics: DAE4 Sn777

Medium: Head 1900 MHz

Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.389$ S/m; $\epsilon_r = 39.628$; $\rho = 1000$ kg/m³

Ambient Temperature: 22.7°C Liquid Temperature: 22.2°C

Communication System: WCDMA 1900 Frequency: 1880 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN3846 ConvF(7.26, 7.26, 7.26)

Area Scan (61x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.651 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.146 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.823 W/kg

SAR(1 g) = 0.527 W/kg; SAR(10 g) = 0.308 W/kg

Maximum value of SAR (measured) = 0.685 W/kg

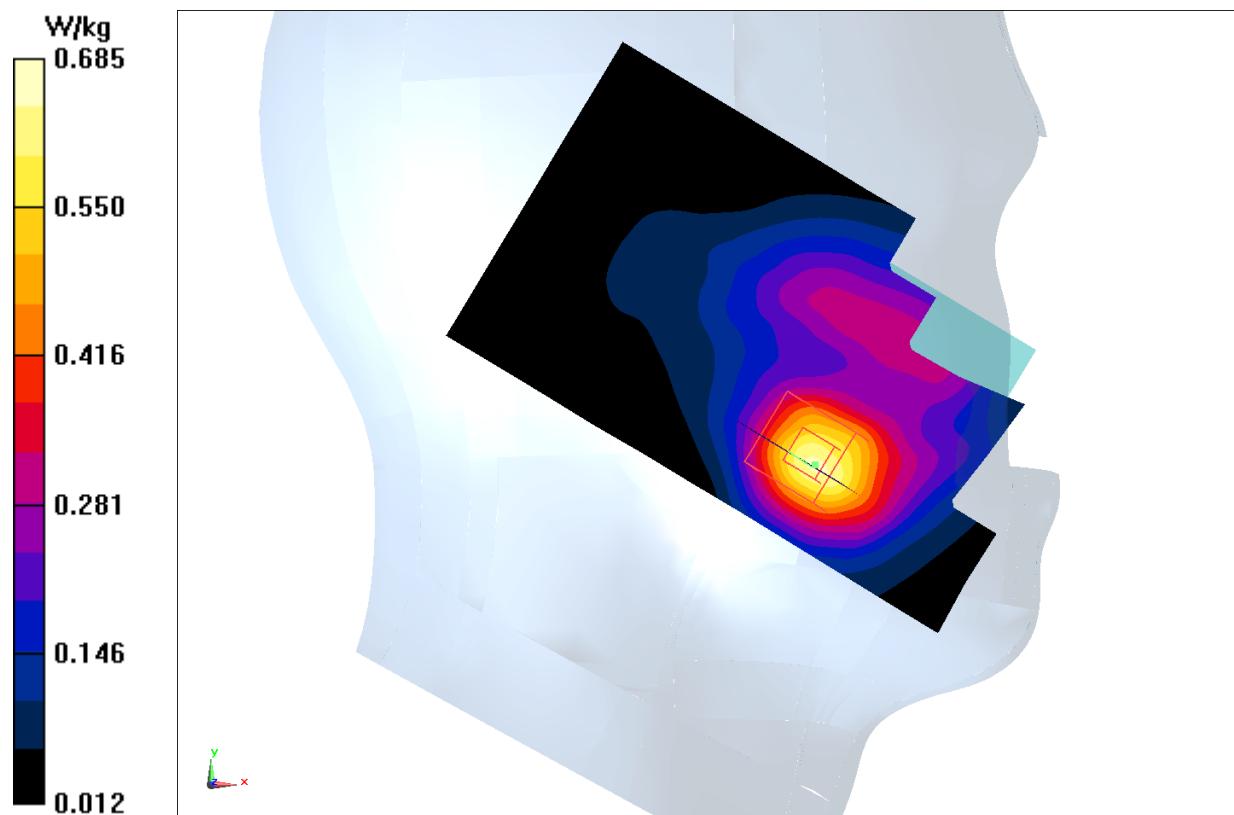


Fig.7 Head WCDMA1900

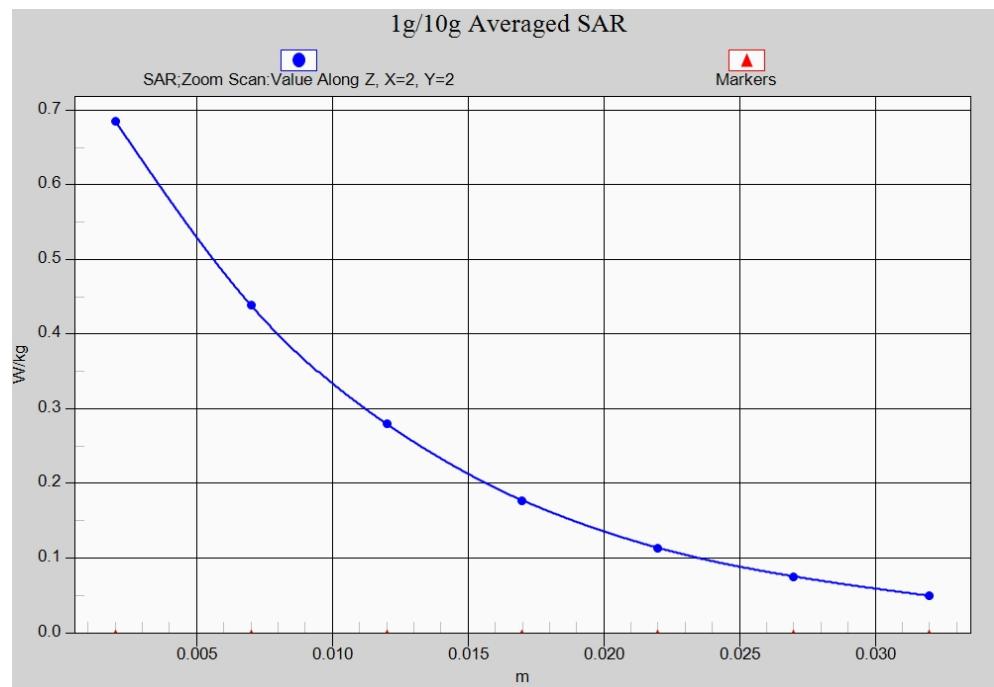


Fig. 7-1 Z-Scan at power reference point (WCDMA1900)

WCDMA 1900 Body Rear Middle

Date: 2015-07-05

Electronics: DAE4 Sn777

Medium: Body 1900 MHz

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.548$ S/m; $\epsilon_r = 52.606$; $\rho = 1000$ kg/m 3

Ambient Temperature: 22.7°C Liquid Temperature: 22.2°C

Communication System: WCDMA 1900 Frequency: 1880 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN3846 ConvF(7.15, 7.15, 7.15)

Area Scan (101x61x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.811 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.62 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.04 W/kg

SAR(1 g) = 0.660 W/kg; SAR(10 g) = 0.404 W/kg

Maximum value of SAR (measured) = 0.763 W/kg

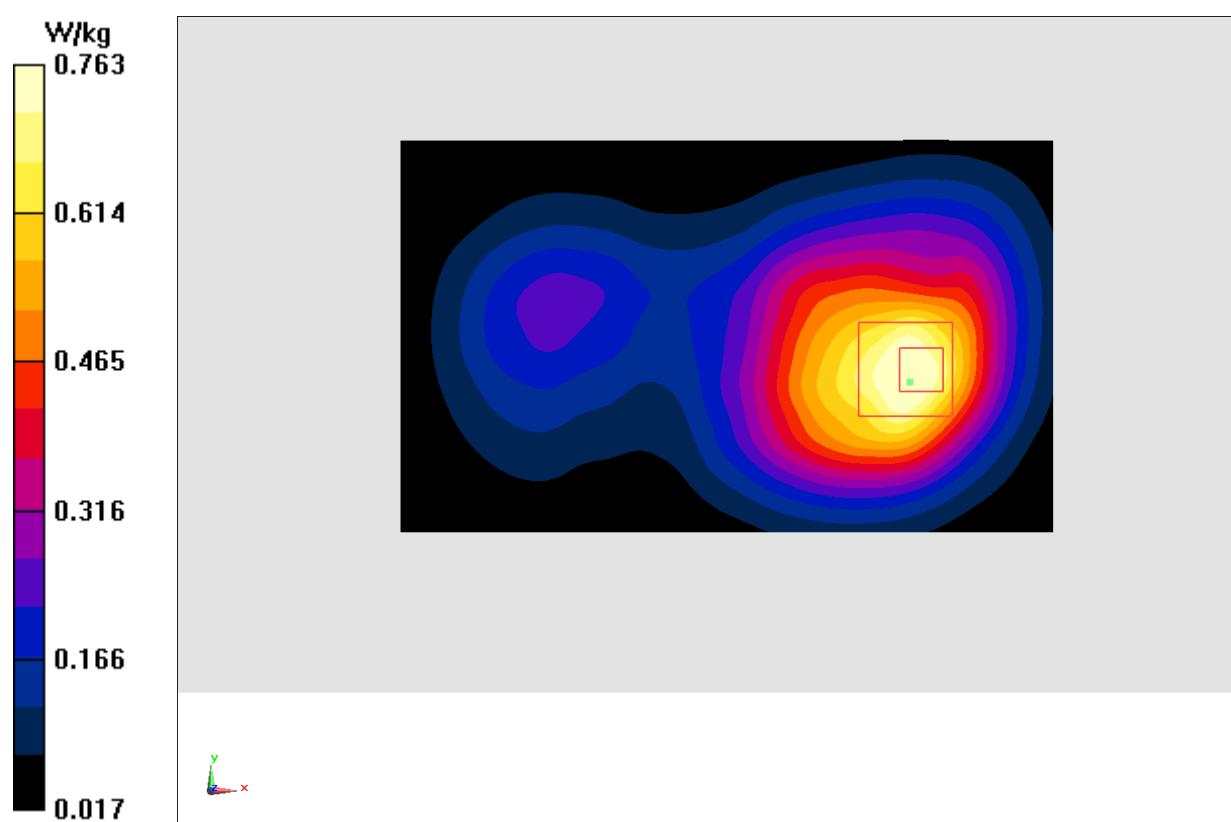


Fig.8 Body WCDMA1900

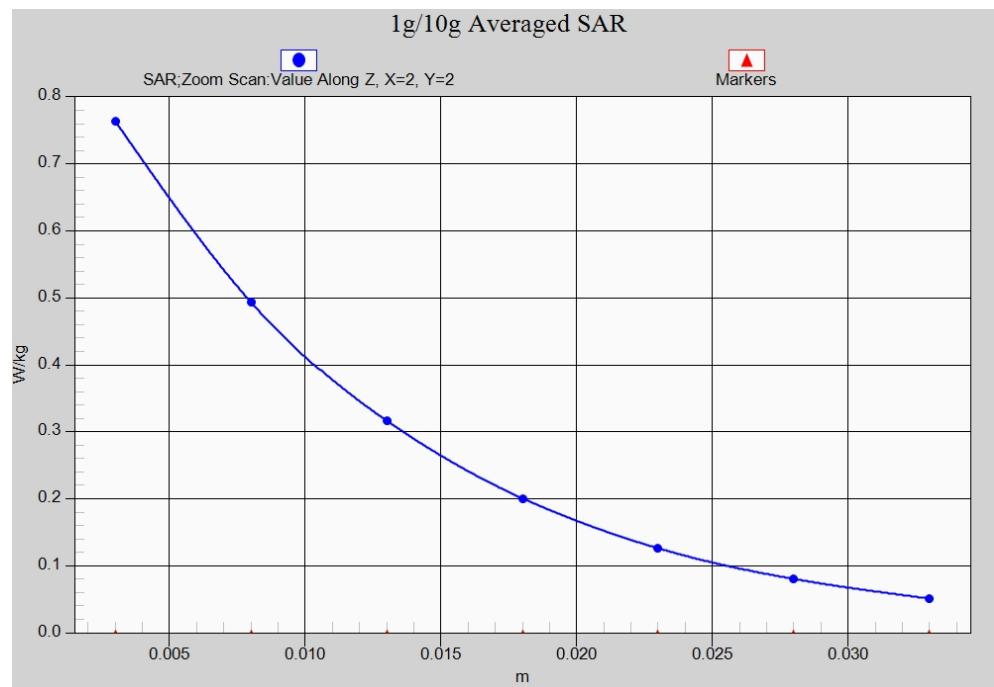


Fig. 8-1 Z-Scan at power reference point (WCDMA1900)

ANNEX J Accreditation Certificate



China National Accreditation Service for Conformity Assessment

LABORATORY ACCREDITATION CERTIFICATE

(Registration No. CNAS L0570)

China Academy of Telecommunication Research of MIIT

No.52, Huayuan North Road, Haidian District, Beijing, China

is accredited to ISO/IEC 17025:2005 General Requirements for the Competence of Testing and Calibration Laboratories(CNAS-CL01 Accreditation Criteria for the Competence of Testing and Calibration Laboratories) for the competence of testing and calibration.

The scope of accreditation is detailed in the attached appendices bearing the same registration number as above. The appendices form an integral part of this certificate.

Date of Issue: 2014-06-20

Date of Expiry: 2017-06-19

Date of Initial Accreditation: 1998-07-03

Date of Update: 2014-06-20



Signed on behalf of China National Accreditation Service
for Conformity Assessment

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No.CNAS AL 2

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