

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

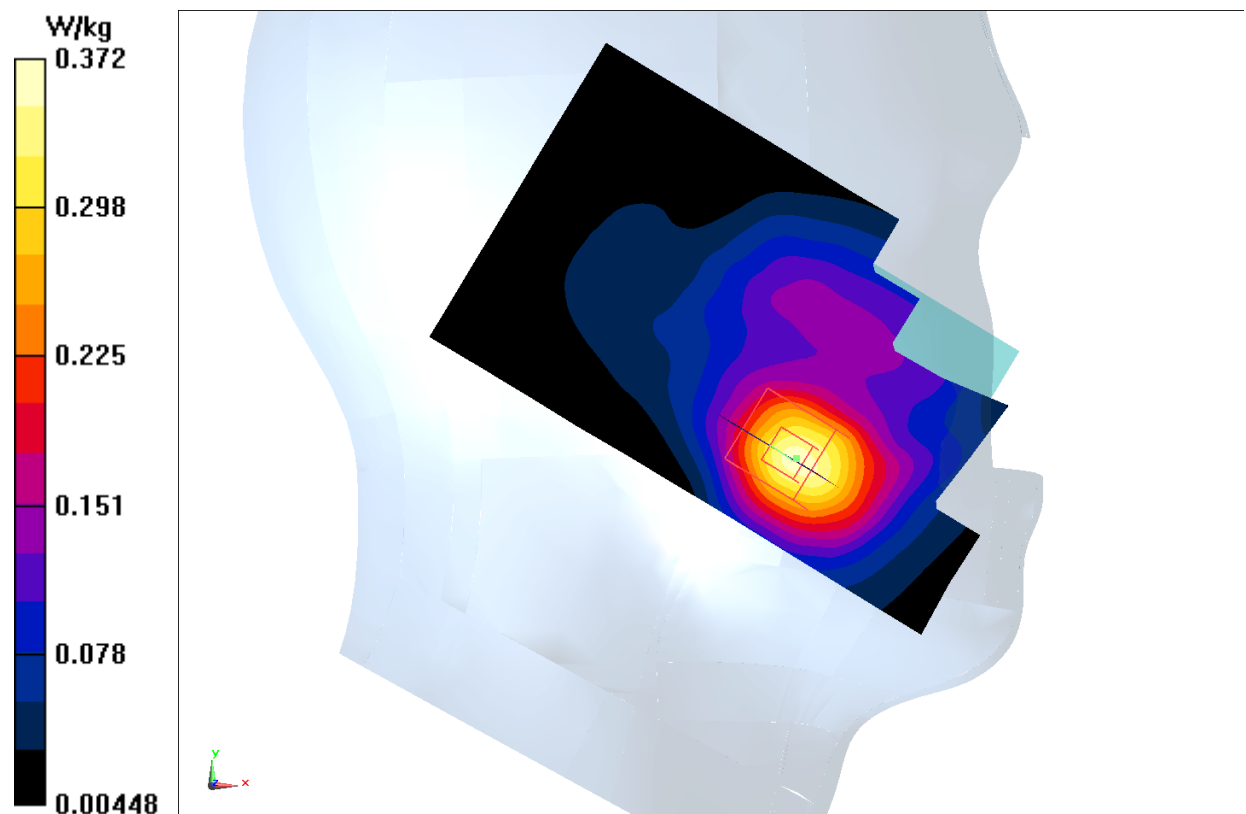


Fig.3 Head 1900 MHz

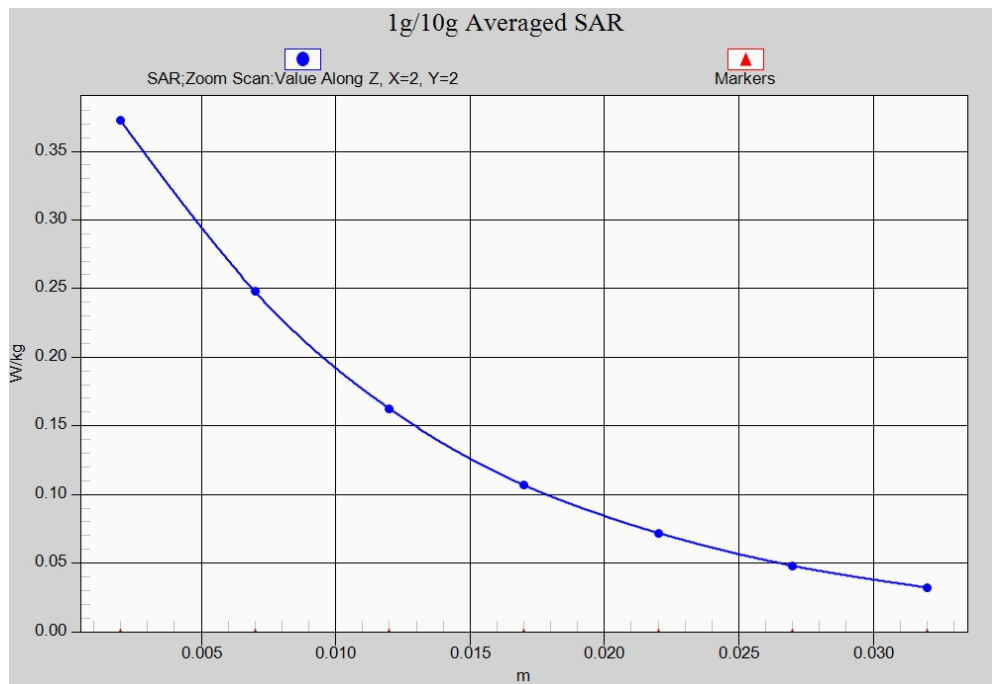


Fig. 3-1 Z-Scan at power reference point (1900 MHz)

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

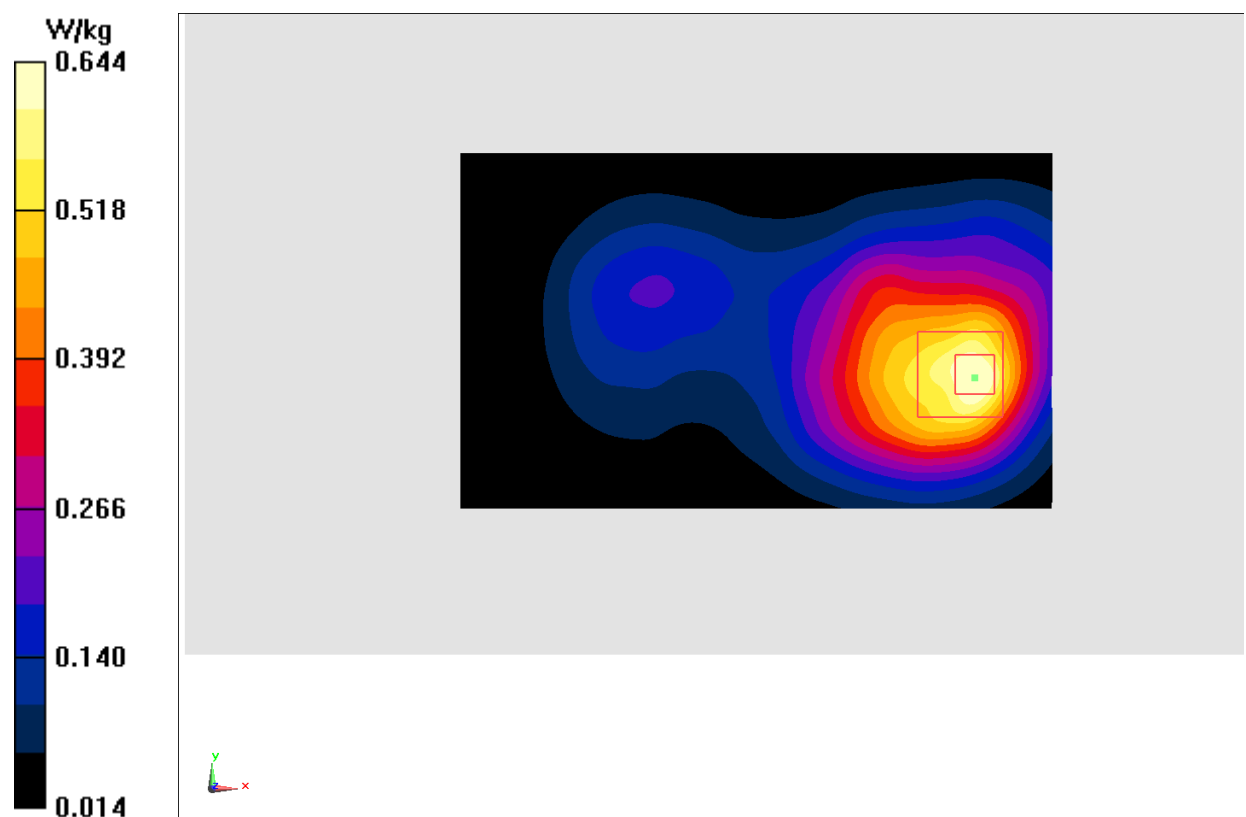


Fig.4 Body 1900 MHz

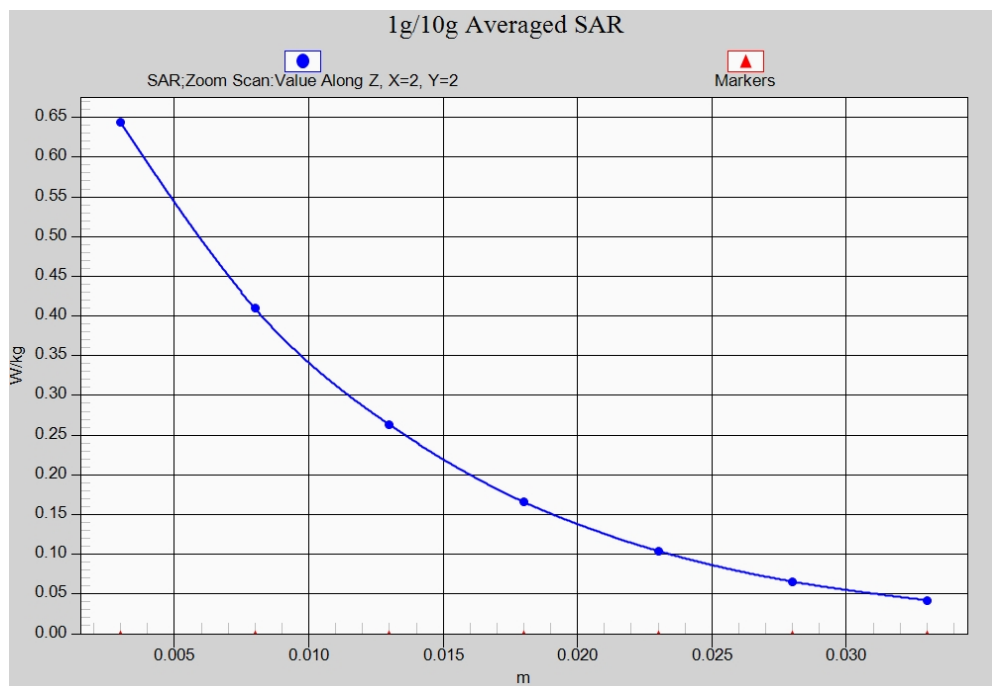


Fig.4-1 Z-Scan at power reference point (1900 MHz)

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

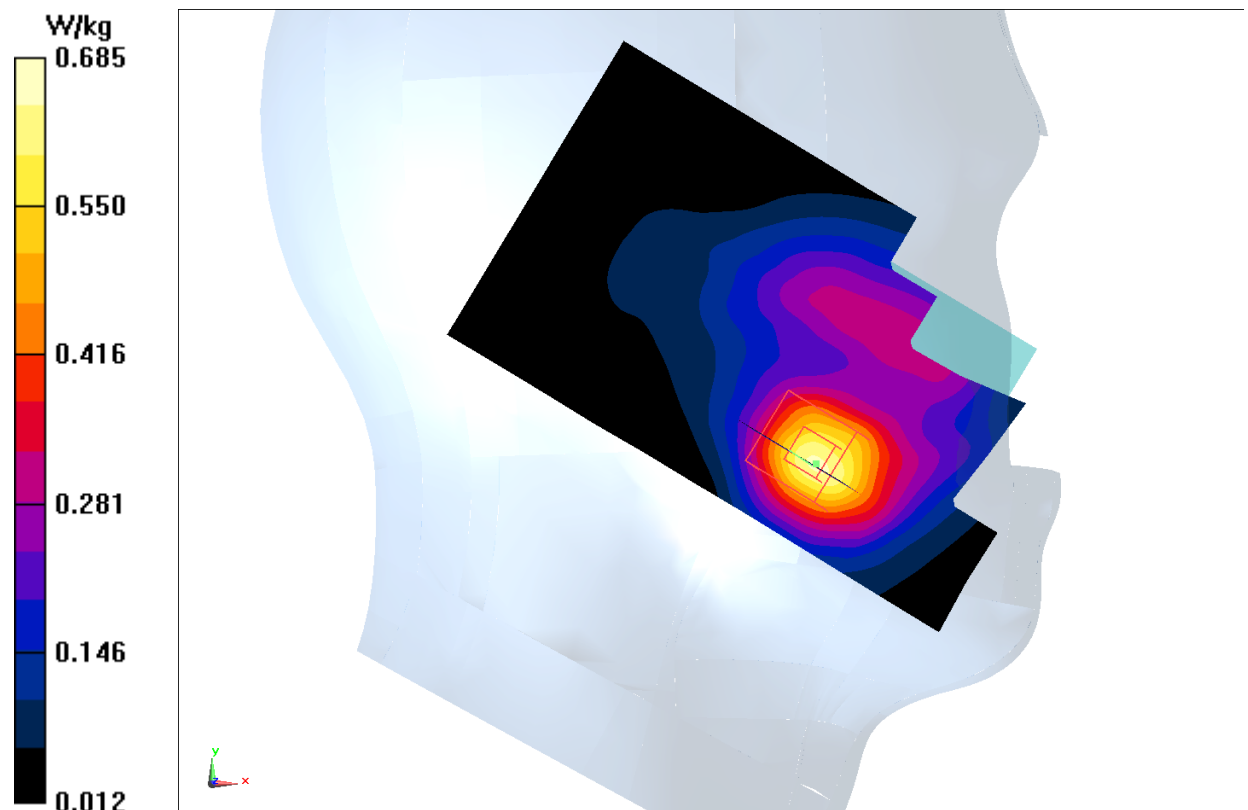


Fig.7 Head WCDMA1900

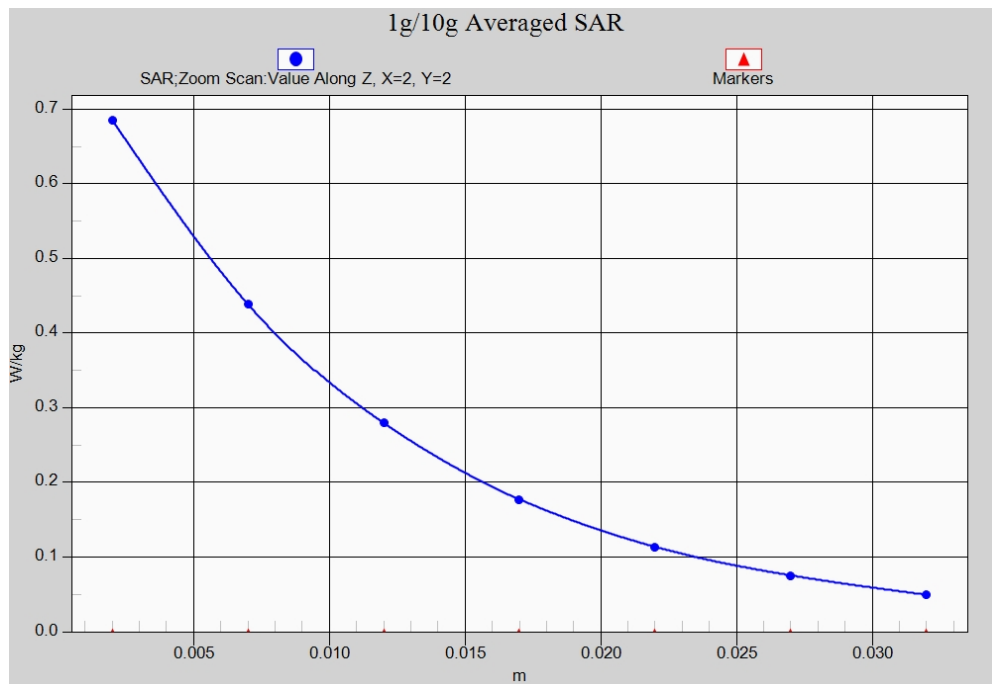


Fig. 7-1 Z-Scan at power reference point (WCDMA1900)

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/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(7.15, 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: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

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

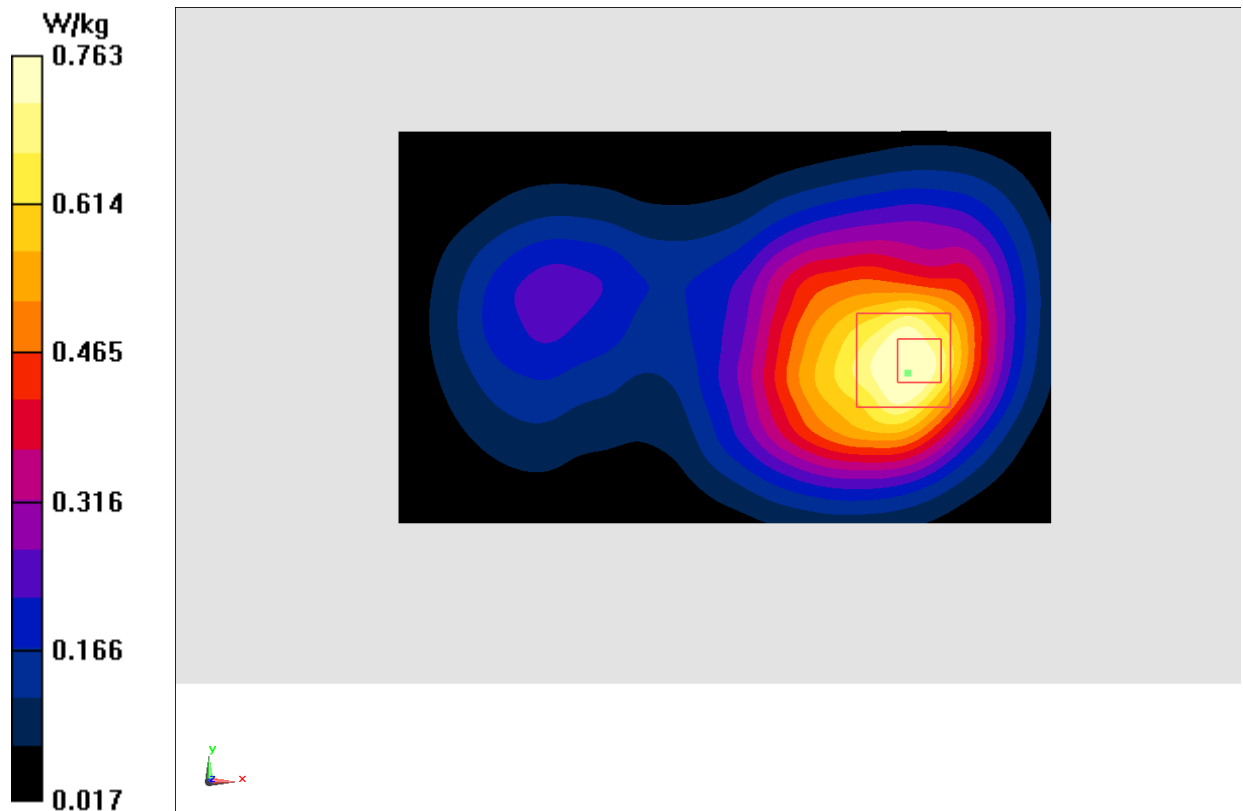


Fig.8 Body WCDMA1900

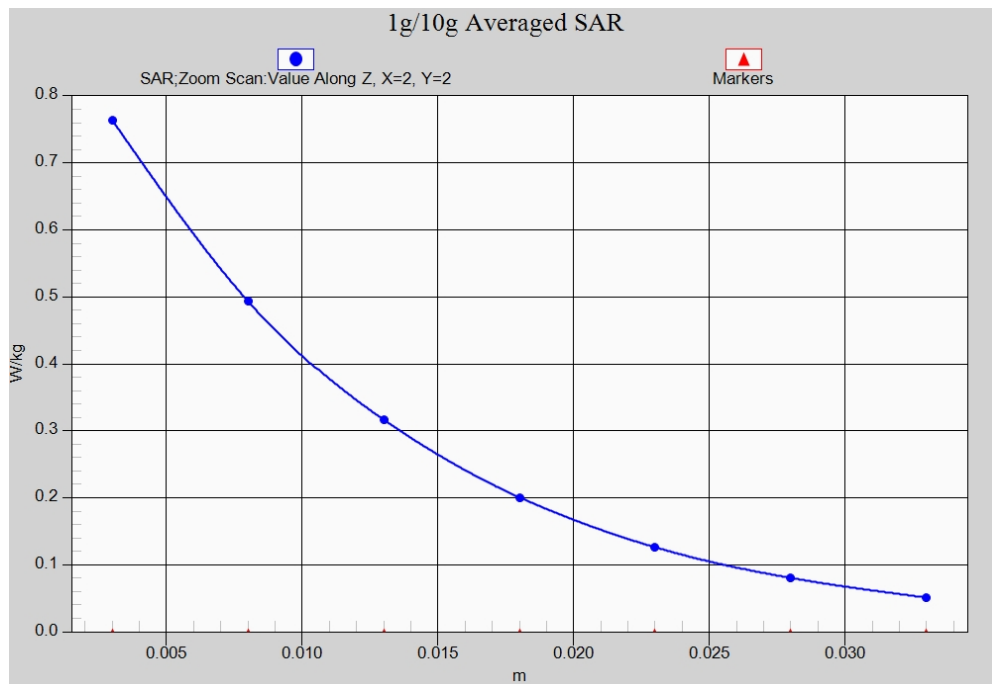




Fig. 8-1 Z-Scan at power reference point (WCDMA1900)

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