

Fig. 7-1 Z-Scan at power reference point (WCDMA1900 CH9538)

WCDMA 1900 Body Rear High

Date/Time: 2014-12-14

Electronics: DAE4 Sn786

Medium: Body 1900MHz

Medium parameters used: $f = 1908$ MHz; $\sigma = 1.520$ S/m; $\epsilon_r = 52.572$; $\rho = 1000$ kg/m³

Ambient Temperature: 21.7°C Liquid Temperature: 21.2°C

Communication System: WCDMA Frequency: 1908 MHz Duty Cycle: 1:1

Probe: ES3DV3 - SN3151 ConvF(4.77, 4.77, 4.77);

BODY/Rear side Middle High/Area Scan (51x91x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 1.01 W/kg

BODY/Rear side Middle High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 10.089 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 1.49 W/kg

SAR(1 g) = 0.894 W/kg; SAR(10 g) = 0.524 W/kg

Maximum value of SAR (measured) = 0.979 W/kg

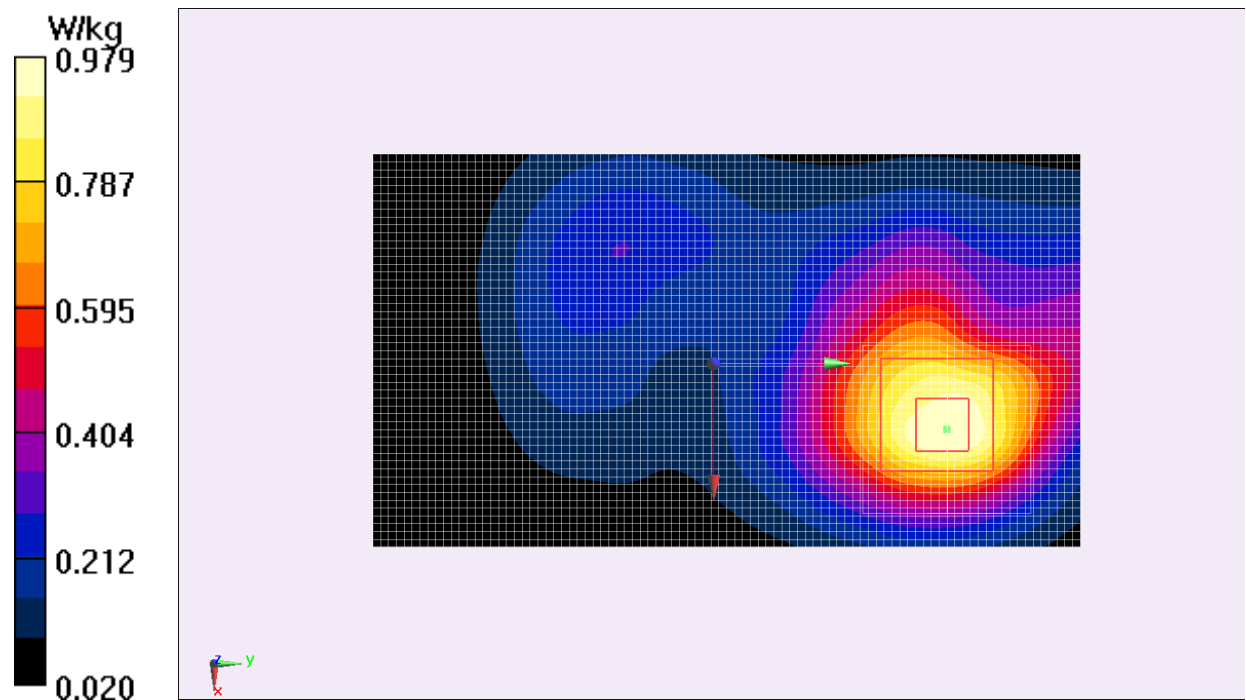


Fig.8 WCDMA1900 CH9538

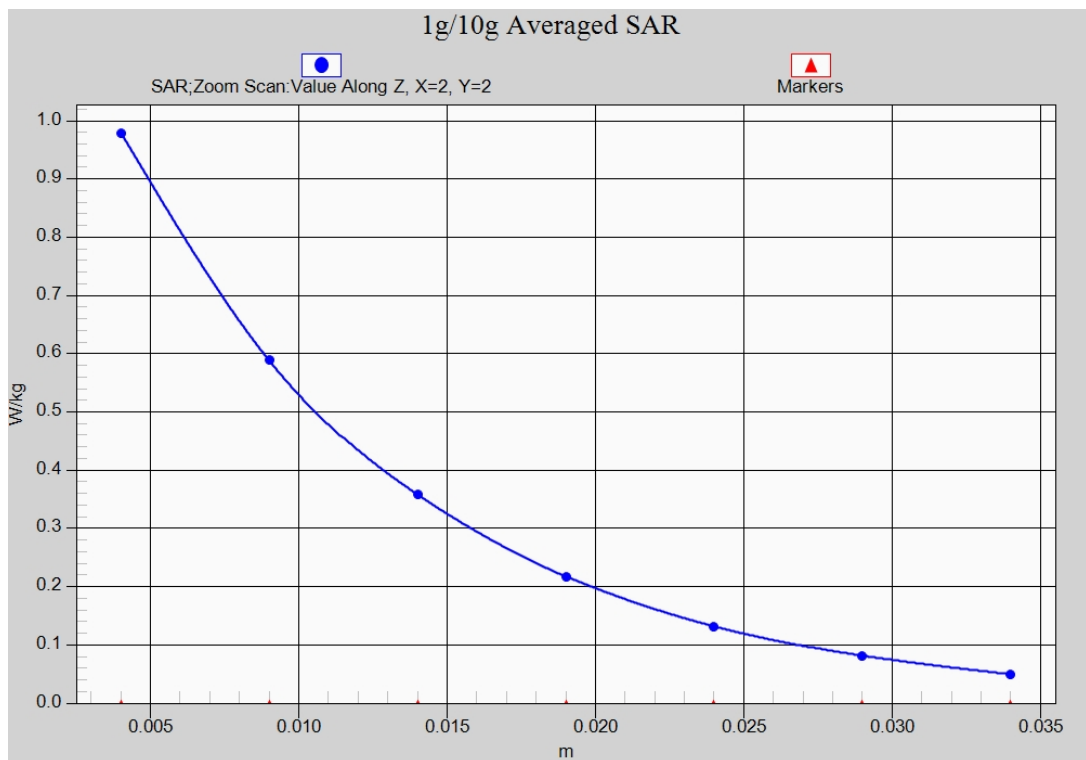


Fig. 8-1 Z-Scan at power reference point (WCDMA1900 CH9538)