Date/Time: 6/26/2011 0:10:58, Date/Time: 6/26/2011 0:19:01

Test Laboratory: HUAWEI GCTC Lab

U2800-5 WCDMA1900 9400CH Towards phantom 15mm

DUT: U2800-5; Type: Handset; Serial: 2TA9MA1153100068

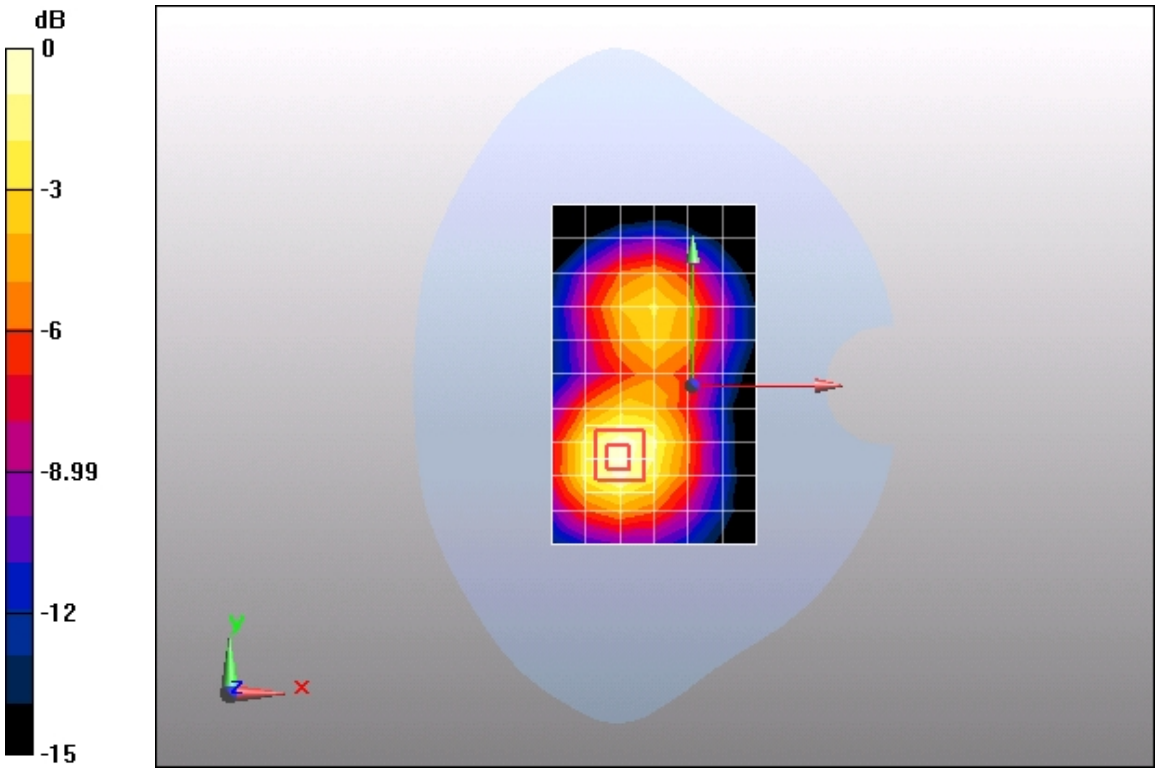
Communication System: HW -UMTS-FDD; Frequency: 1880 MHz
Medium parameters used: f = 1880 MHz; σ = 1.51 mho/m; ε_r = 50.7; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

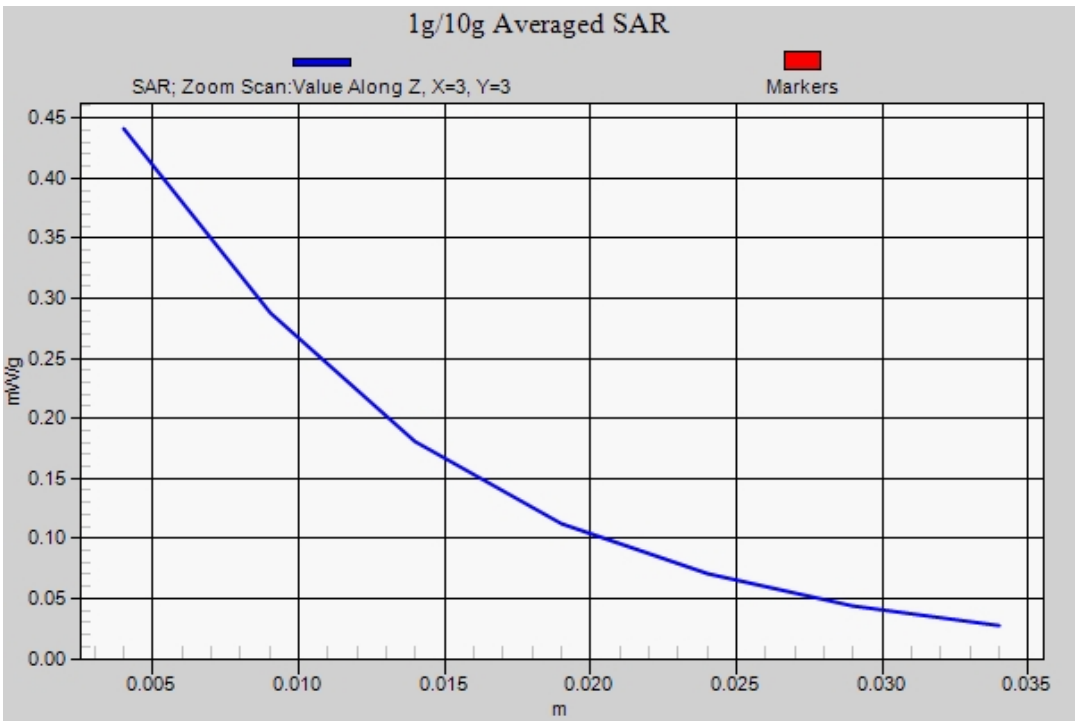
- Probe: EX3DV4 - SN3736; ConvF(7.49, 7.65, 8.03); Calibrated: 11/16/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1236; Calibrated: 10/26/2010
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Head/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.408 mW/g

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.49 V/m; Power Drift = 0.052 dB
Peak SAR (extrapolated) = 0.592 W/kg
SAR(1 g) = 0.402 mW/g; SAR(10 g) = 0.244 mW/g
Maximum value of SAR (measured) = 0.441 mW/g


dB
0
-3
-6
-8.99
-12
-15

0 dB = 0.441mW/g


1g/10g Averaged SAR
SAR; Zoom Scan:Value Along Z, X=3, Y=3
Markers
mW/g
0.45
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
0.005
0.010
0.015
0.020
0.025
0.030
0.035
m

Date/Time: 6/26/2011 0:35:10, Date/Time: 6/26/2011 0:43:14

Test Laboratory: HUAWEI GCTC Lab

U2800-5 WCDMA1900 9400CH Towards Ground 15mm

DUT: U2800-5; Type: Handset; Serial: 2TA9MA1153100068

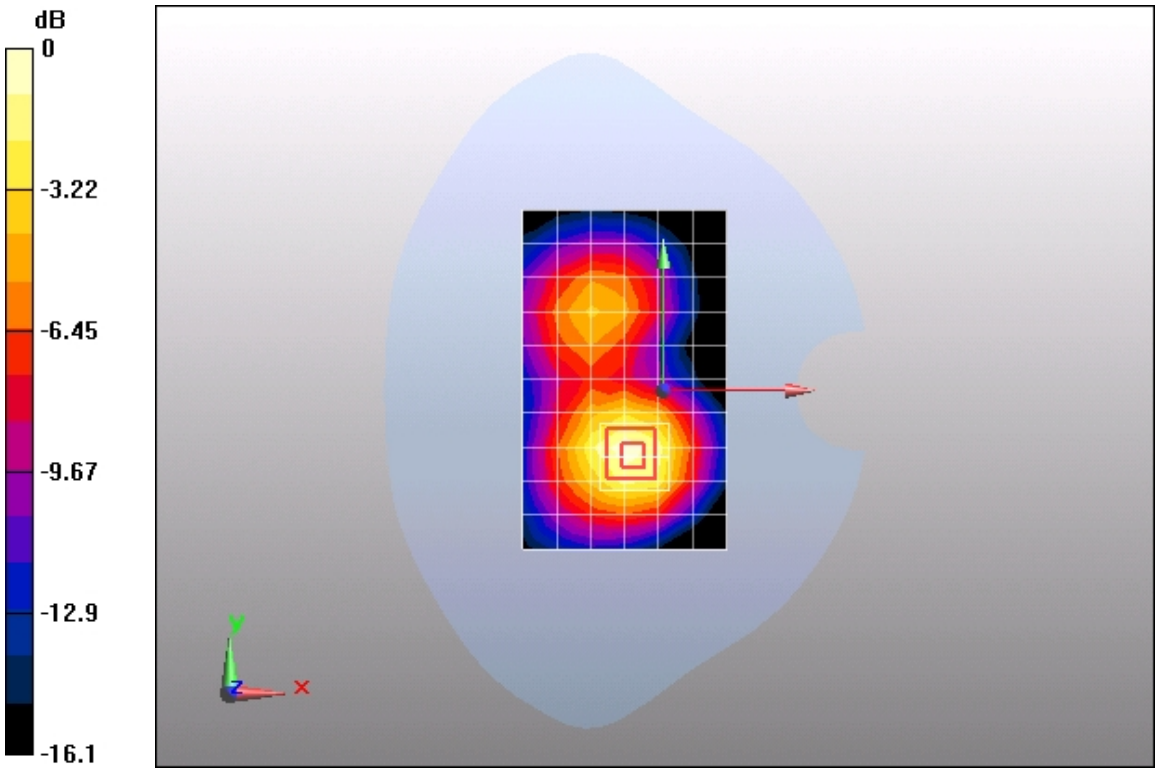
Communication System: HW -UMTS-FDD; Frequency: 1880 MHz
Medium parameters used: f = 1880 MHz; σ = 1.51 mho/m; ε_r = 50.7; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

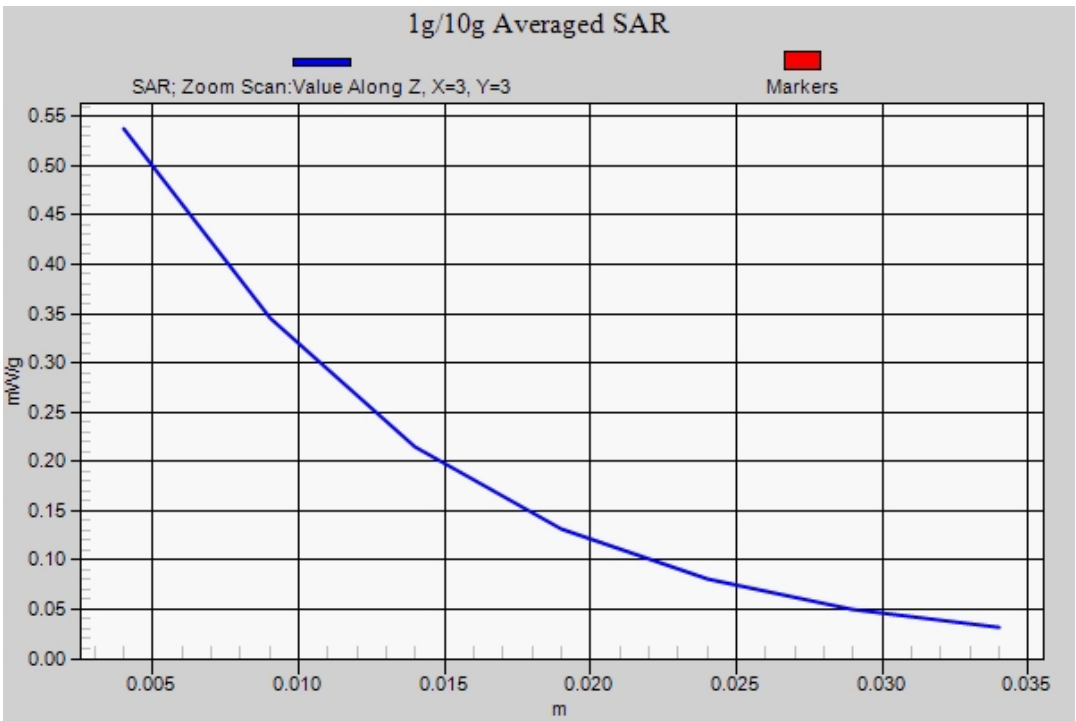
- Probe: EX3DV4 - SN3736; ConvF(7.49, 7.65, 8.03); Calibrated: 11/16/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1236; Calibrated: 10/26/2010
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Head/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.510 mW/g

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.05 V/m; Power Drift = -0.115 dB
Peak SAR (extrapolated) = 0.734 W/kg
SAR(1 g) = 0.485 mW/g; SAR(10 g) = 0.287 mW/g
Maximum value of SAR (measured) = 0.537 mW/g


dB
0
-3.22
-6.45
-9.67
-12.9
-16.1

0 dB = 0.537mW/g


1g/10g Averaged SAR
SAR; Zoom Scan:Value Along Z, X=3, Y=3
Markers
mW/g
0.55
0.50
0.45
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
0.005
0.010
0.015
0.020
0.025
0.030
0.035
m

Date/Time: 6/26/2011 1:33:29, Date/Time: 6/26/2011 1:41:34

Test Laboratory: HUAWEI GCTC Lab

U2800-5 WCDMA1900 9538CH Towards Ground 15mm

DUT: U2800-5; Type: Handset; Serial: 2TA9MA1153100068

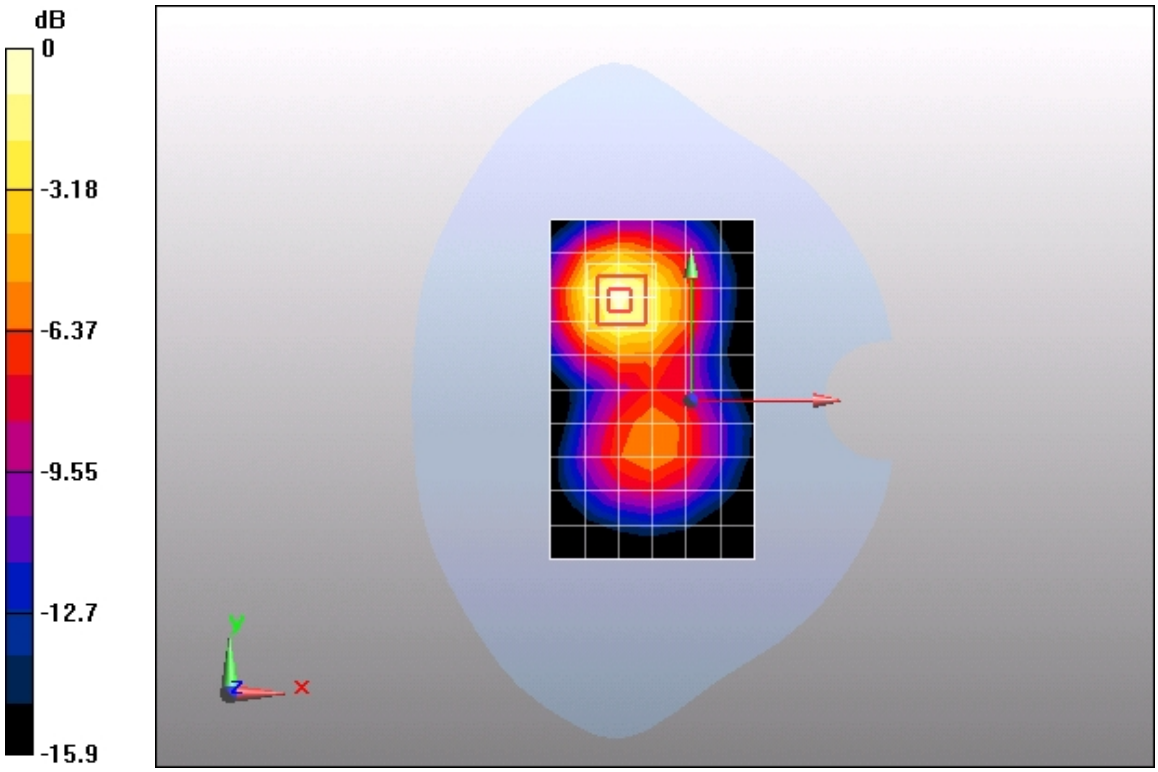
Communication System: HW -UMTS-FDD; Frequency: 1907.6 MHz
Medium parameters used: f = 1908 MHz; σ = 1.51 mho/m; ε_r = 50.7; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

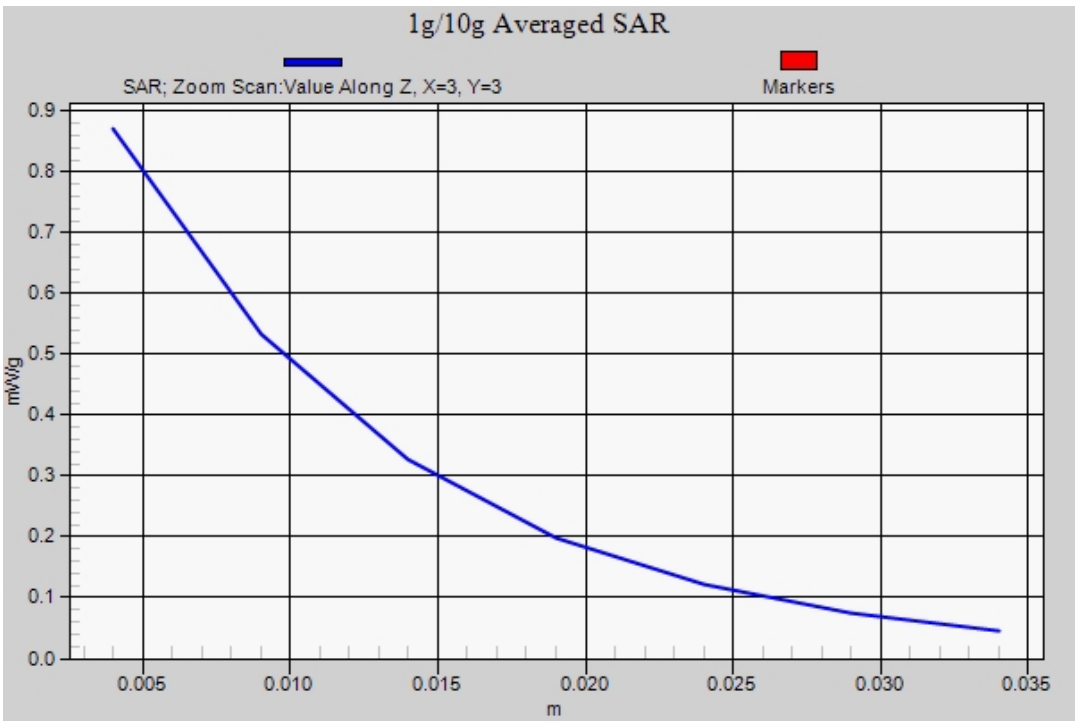
- Probe: EX3DV4 - SN3736; ConvF(7.49, 7.65, 8.03); Calibrated: 11/16/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1236; Calibrated: 10/26/2010
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Head/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.812 mW/g

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.2 V/m; Power Drift = 0.103 dB
Peak SAR (extrapolated) = 1.28 W/kg
SAR(1 g) = 0.783 mW/g; SAR(10 g) = 0.452 mW/g
Maximum value of SAR (measured) = 0.871 mW/g


dB
0
-3.18
-6.37
-9.55
-12.7
-15.9

0 dB = 0.871mW/g


1g/10g Averaged SAR
SAR; Zoom Scan:Value Along Z, X=3, Y=3
Markers
mW/g
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
0.005
0.010
0.015
0.020
0.025
0.030
0.035
m

Date/Time: 6/26/2011 1:00:39, Date/Time: 6/26/2011 1:08:42

Test Laboratory: HUAWEI GCTC Lab

U2800-5 WCDMA1900 9262CH Towards Ground 15mm

DUT: U2800-5; Type: Handset; Serial: 2TA9MA1153100068

Communication System: HW -UMTS-FDD; Frequency: 1852.4 MHz
Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.47 mho/m; ε_r = 50.8; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

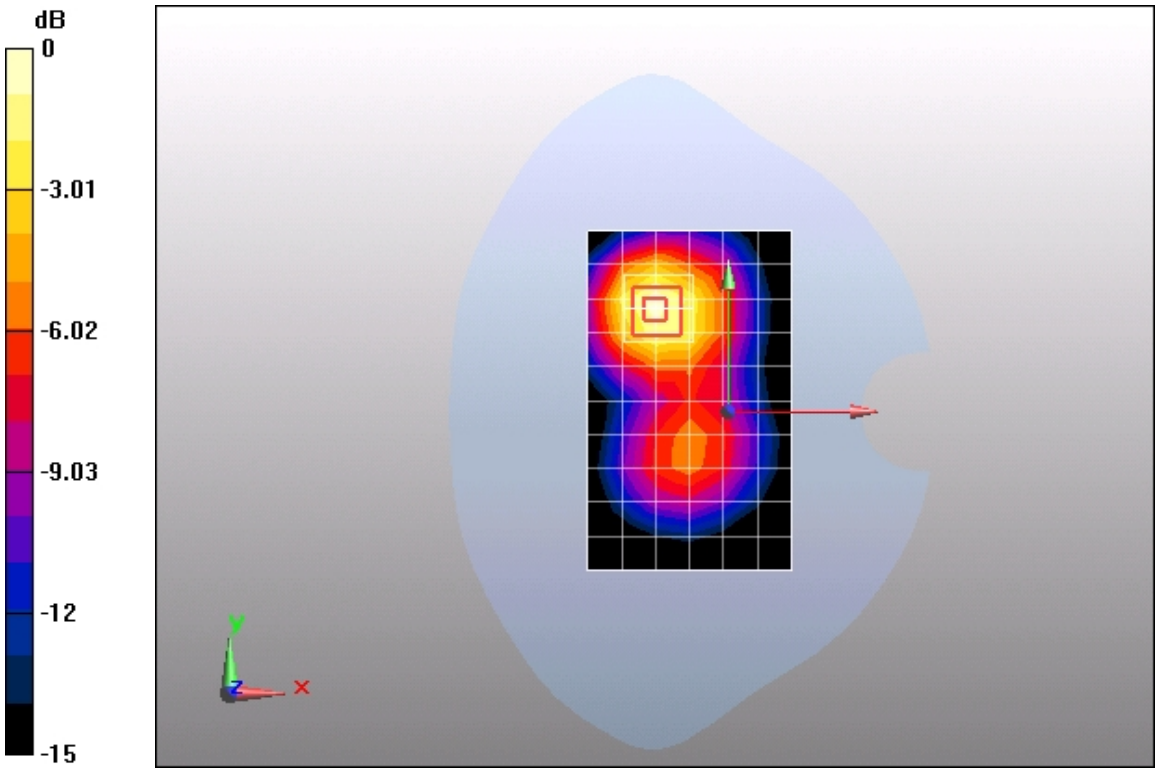
- Probe: EX3DV4 - SN3736; ConvF(7.49, 7.65, 8.03); Calibrated: 11/16/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1236; Calibrated: 10/26/2010
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Head/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

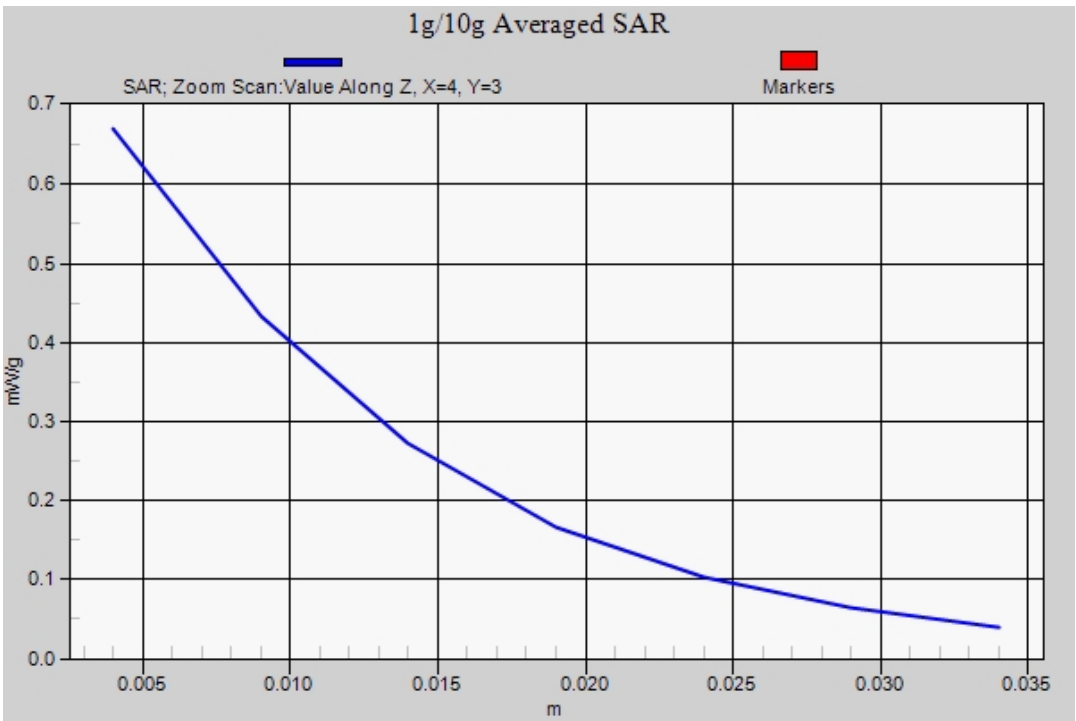
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.648 mW/g

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.5 V/m; Power Drift = 0.119 dB
Peak SAR (extrapolated) = 0.932 W/kg
SAR(1 g) = 0.613 mW/g; SAR(10 g) = 0.359 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.670 mW/g


dB
0
-3.01
-6.02
-9.03
-12
-15

0 dB = 0.670mW/g


1g/10g Averaged SAR
SAR; Zoom Scan:Value Along Z, X=4, Y=3
Markers
mW/g
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
0.005
0.010
0.015
0.020
0.025
0.030
0.035
m

Date/Time: 6/26/2011 1:59:31, Date/Time: 6/26/2011 2:07:34

Test Laboratory: HUAWEI GCTC Lab

U2800-5 WCDMA1900 9538CH Towards Ground 15mm with Headset

DUT: U2800-5; Type: Handset; Serial: 2TA9MA1153100068

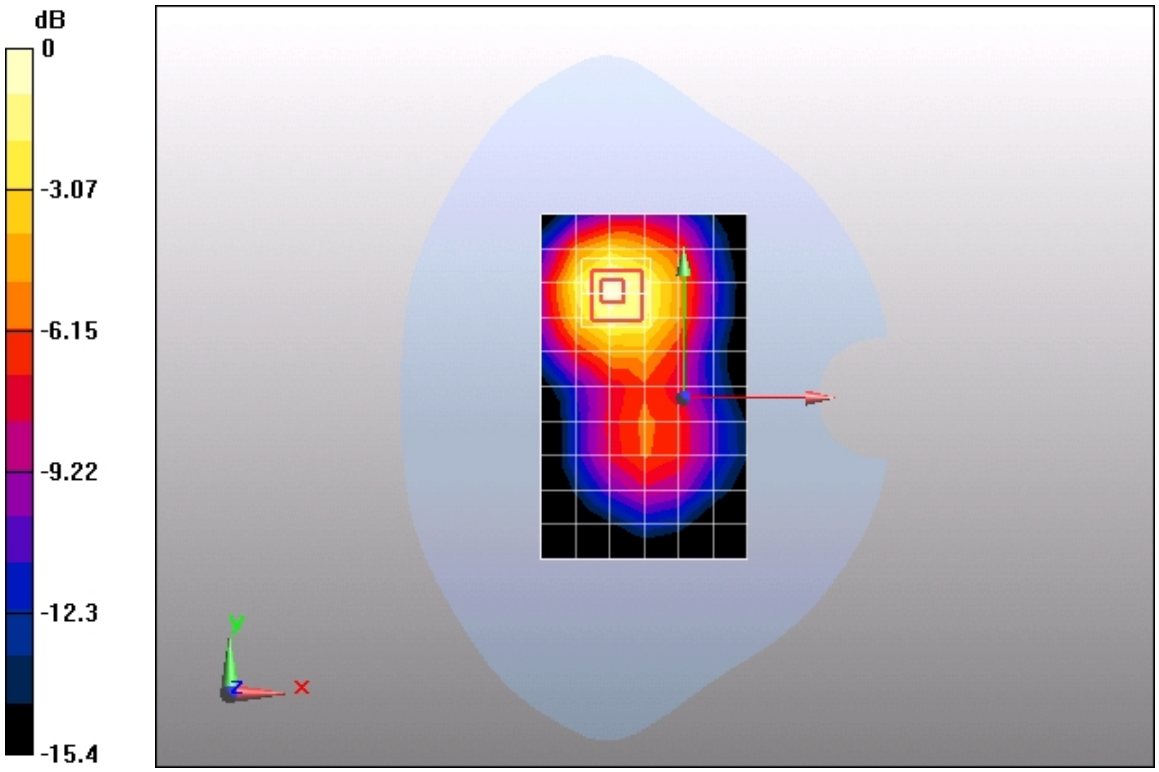
Communication System: HW -UMTS-FDD; Frequency: 1907.6 MHz
Medium parameters used: f = 1908 MHz; σ = 1.51 mho/m; ε_r = 50.7; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

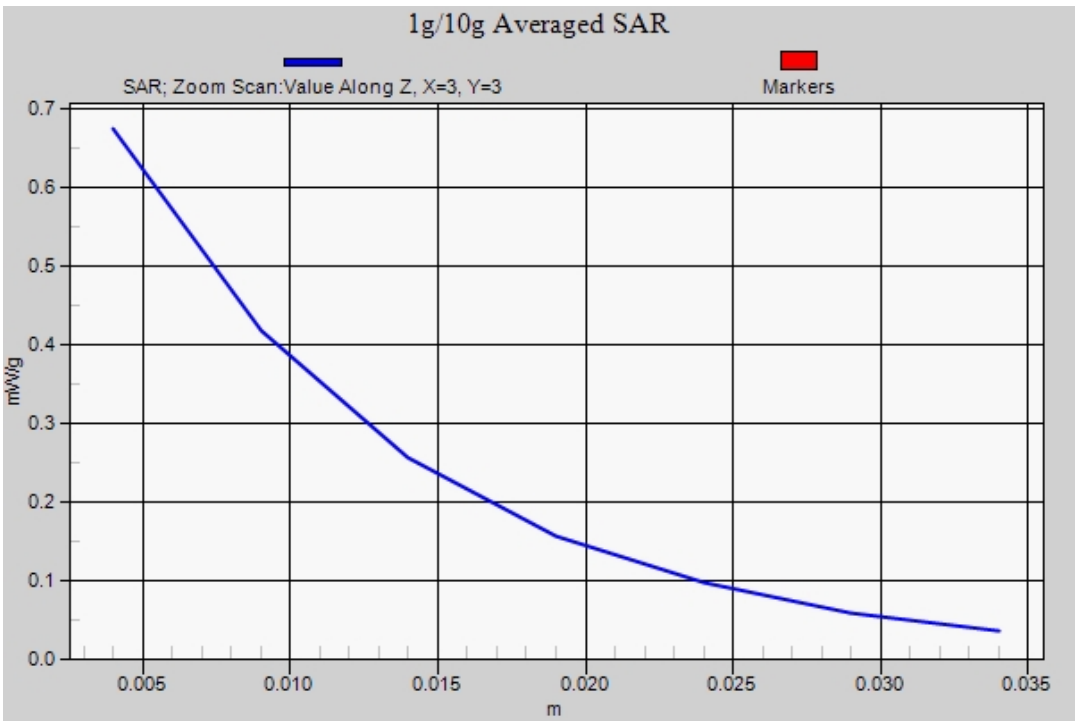
- Probe: EX3DV4 - SN3736; ConvF(7.49, 7.65, 8.03); Calibrated: 11/16/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1236; Calibrated: 10/26/2010
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Head/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.651 mW/g

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.4 V/m; Power Drift = -0.040 dB
Peak SAR (extrapolated) = 0.992 W/kg
SAR(1 g) = 0.619 mW/g; SAR(10 g) = 0.366 mW/g
Maximum value of SAR (measured) = 0.674 mW/g


dB
0
-3.07
-6.15
-9.22
-12.3
-15.4

0 dB = 0.674mW/g


1g/10g Averaged SAR
SAR; Zoom Scan:Value Along Z, X=3, Y=3
Markers
mW/g
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
0.005
0.010
0.015
0.020
0.025
0.030
0.035
m