Appendix B

Detailed Test Results

GSM850 for Body
GSM1900 for Body

Test Laboratory: SGS-SAR Lab

GL300 GSM850 GPRS 3TS 190CH Back side 0mm

DUT: GL300; Type: GSM850; Serial: NA

Communication System: GSM850-GPRS Mode(3up); Frequency: 836.6 MHz;Duty Cycle: 1:2.77
Medium: MSL835 Medium parameters used: f = 837 MHz; σ = 0.991 mho/m; ε_r = 55.4; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3088; ConvF(6.02, 6.02, 6.02); Calibrated: 2012-11-26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn569; Calibrated: 2012-11-27
- Phantom: SAM 1; Type: SAM V4.0; Serial: TP-1283
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Body/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm
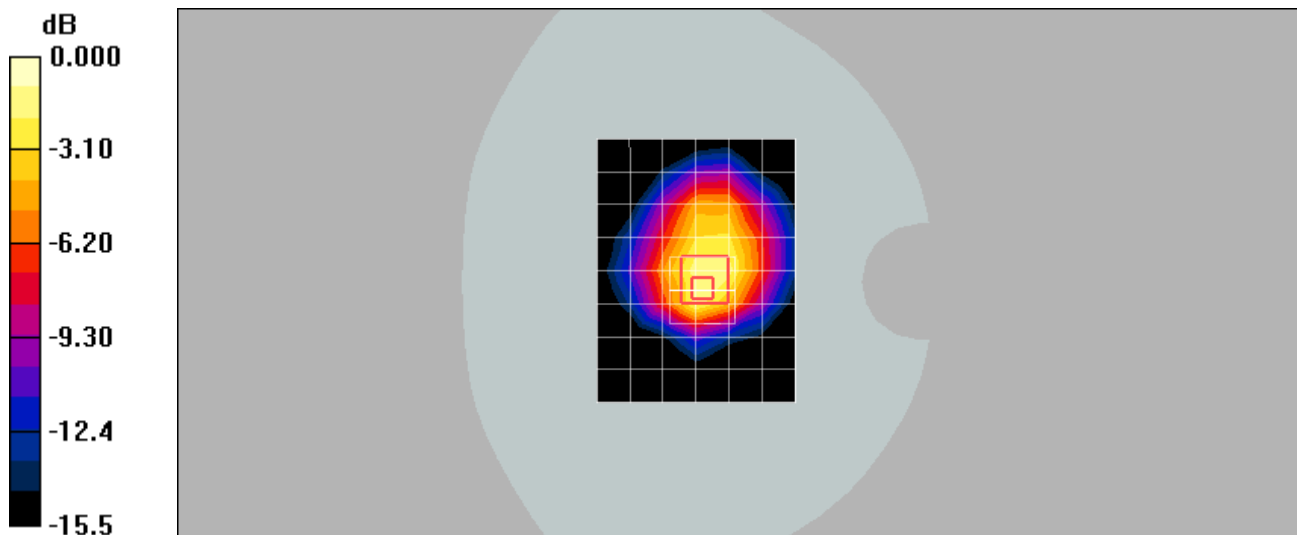Maximum value of SAR (measured) = 0.308 mW/g

Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 19.7 V/m; Power Drift = -0.022 dB
Peak SAR (extrapolated) = 0.754 W/kg
SAR(1 g) = 0.357 mW/g; SAR(10 g) = 0.204 mW/g

Maximum value of SAR (measured) = 0.415 mW/g

0 dB = 0.415mW/g

Test Laboratory: SGS-SAR Lab

GL300 GSM850 GPRS 3TS 190CH Front side 0mm

DUT: GL300; Type: GSM850; Serial: NA

Communication System: GSM850-GPRS Mode(3up); Frequency: 836.6 MHz;Duty Cycle: 1:2.77
Medium: MSL835 Medium parameters used: f = 837 MHz; σ = 0.991 mho/m; ε_r = 55.4; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3088; ConvF(6.02, 6.02, 6.02); Calibrated: 2012-11-26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn569; Calibrated: 2012-11-27
- Phantom: SAM 1; Type: SAM V4.0; Serial: TP-1283
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Body/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm
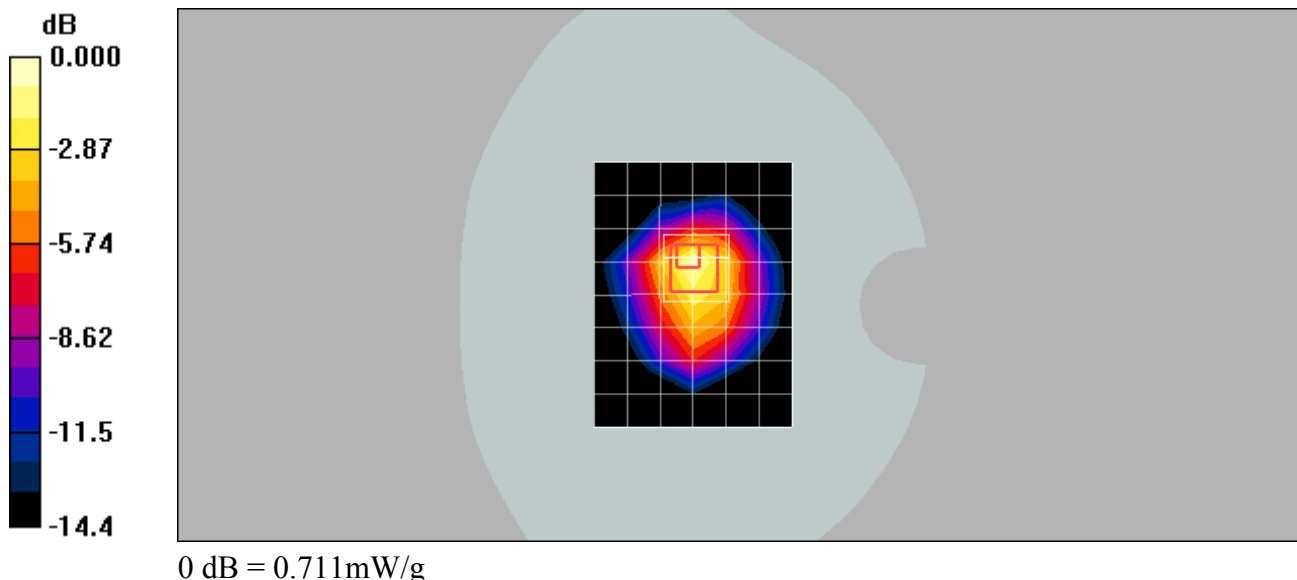Maximum value of SAR (measured) = 0.625 mW/g

Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 19.5 V/m; Power Drift = -0.180 dB
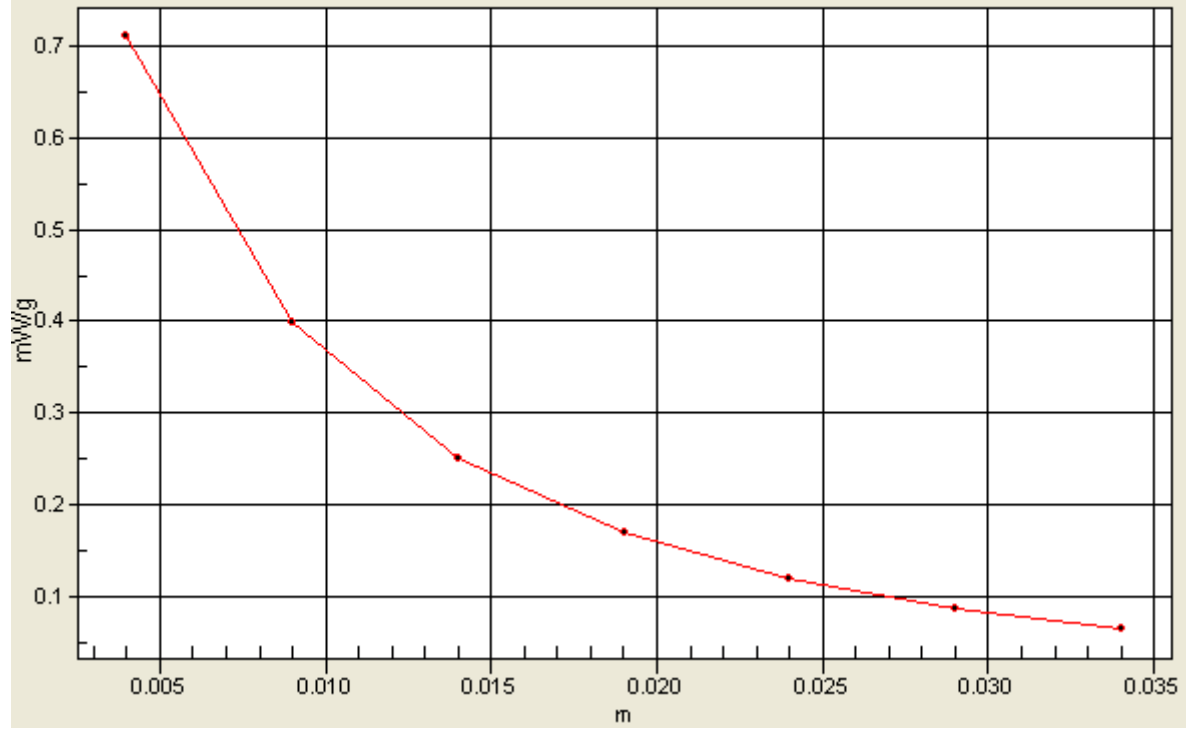Peak SAR (extrapolated) = 1.45 W/kg
SAR(1 g) = 0.631 mW/g; SAR(10 g) = 0.338 mW/g
Maximum value of SAR (measured) = 0.711 mW/g

0 dB = 0.711mW/g

1g/10g Averaged SAR

SAR; Zoom Scan:Value Along Z, X=4, Y=4

Test Laboratory: SGS-SAR Lab

GL300 GSM850 GPRS 3TS 190CH Top side 0mm

DUT: GL300; Type: GSM850; Serial: NA

Communication System: GSM850-GPRS Mode(3up); Frequency: 836.6 MHz;Duty Cycle: 1:2.77
Medium: MSL835 Medium parameters used: f = 837 MHz; σ = 0.991 mho/m; $ε_r$ = 55.4; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3088; ConvF(6.02, 6.02, 6.02); Calibrated: 2012-11-26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn569; Calibrated: 2012-11-27
- Phantom: SAM 1; Type: SAM V4.0; Serial: TP-1283
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Body/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm
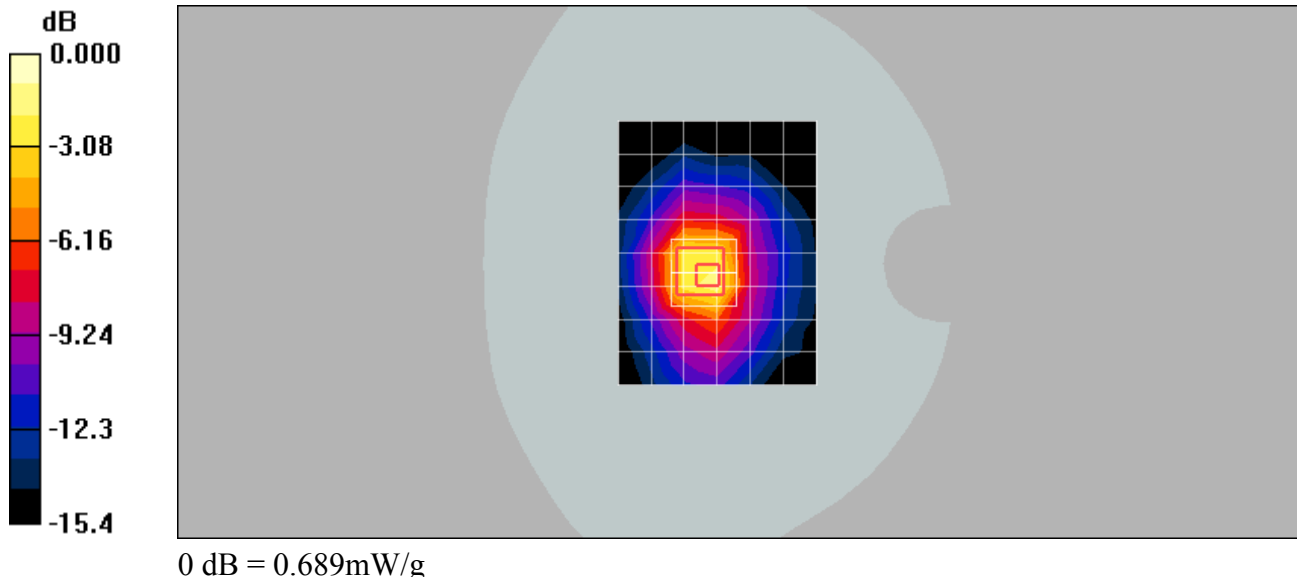Maximum value of SAR (measured) = 0.516 mW/g

Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 24.3 V/m; Power Drift = -0.180 dB
Peak SAR (extrapolated) = 1.64 W/kg
SAR(1 g) = 0.609 mW/g; SAR(10 g) = 0.279 mW/g
Maximum value of SAR (measured) = 0.689 mW/g

0 dB = 0.689mW/g

Test Laboratory: SGS-SAR Lab

GL300 GSM850 GPRS 3TS 190CH Bottom side 0mm

DUT: GL300; Type: GSM850; Serial: NA

Communication System: GSM850-GPRS Mode(3up); Frequency: 836.6 MHz;Duty Cycle: 1:2.77
Medium: MSL835 Medium parameters used: f = 837 MHz; σ = 0.991 mho/m; ε_r = 55.4; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3088; ConvF(6.02, 6.02, 6.02); Calibrated: 2012-11-26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn569; Calibrated: 2012-11-27
- Phantom: SAM 1; Type: SAM V4.0; Serial: TP-1283
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Body/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm
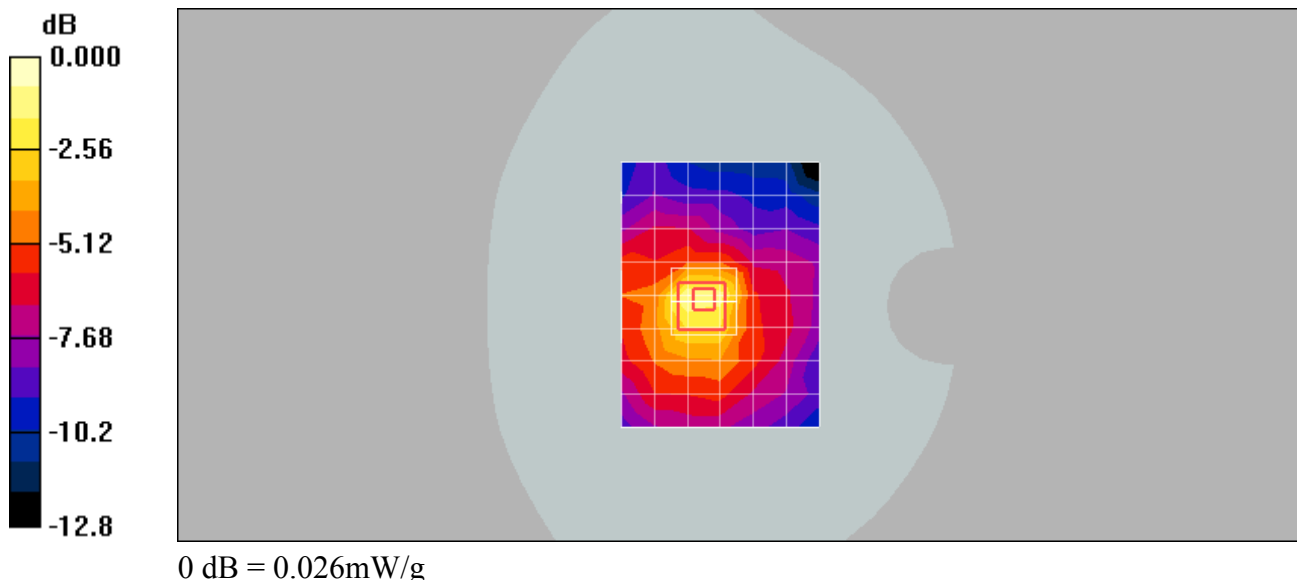Maximum value of SAR (measured) = 0.022 mW/g

Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.38 V/m; Power Drift = -0.121 dB
Peak SAR (extrapolated) = 0.045 W/kg
SAR(1 g) = 0.023 mW/g; SAR(10 g) = 0.012 mW/g
Maximum value of SAR (measured) = 0.026 mW/g

0 dB = 0.026mW/g

Test Laboratory: SGS-SAR Lab

GL300 GSM850 GPRS 3TS 190CH Left side 0mm

DUT: GL300; Type: GSM850; Serial: NA

Communication System: GSM850-GPRS Mode(3up); Frequency: 836.6 MHz;Duty Cycle: 1:2.77
Medium: MSL835 Medium parameters used: f = 837 MHz; σ = 0.991 mho/m; $ε_r$ = 55.4; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3088; ConvF(6.02, 6.02, 6.02); Calibrated: 2012-11-26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn569; Calibrated: 2012-11-27
- Phantom: SAM 1; Type: SAM V4.0; Serial: TP-1283
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Body/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm
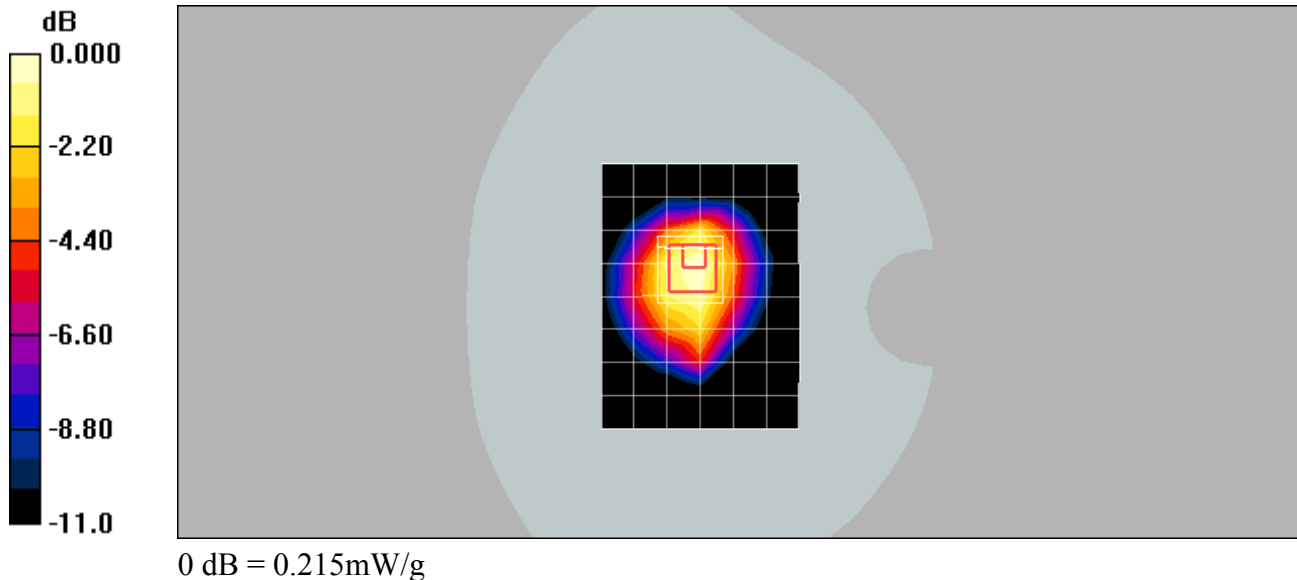Maximum value of SAR (measured) = 0.217 mW/g

Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 13.3 V/m; Power Drift = -0.180 dB
Peak SAR (extrapolated) = 0.318 W/kg
SAR(1 g) = 0.199 mW/g; SAR(10 g) = 0.131 mW/g
Maximum value of SAR (measured) = 0.215 mW/g

0 dB = 0.215mW/g

Test Laboratory: SGS-SAR Lab

GL300 GSM850 GPRS 3TS 190CH Right side 0mm

DUT: GL300; Type: GSM850; Serial: NA

Communication System: GSM850-GPRS Mode(3up); Frequency: 836.6 MHz;Duty Cycle: 1:2.77
Medium: MSL835 Medium parameters used: f = 837 MHz; σ = 0.991 mho/m; ε_r = 55.4; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3088; ConvF(6.02, 6.02, 6.02); Calibrated: 2012-11-26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn569; Calibrated: 2012-11-27
- Phantom: SAM 1; Type: SAM V4.0; Serial: TP-1283
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Body/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm
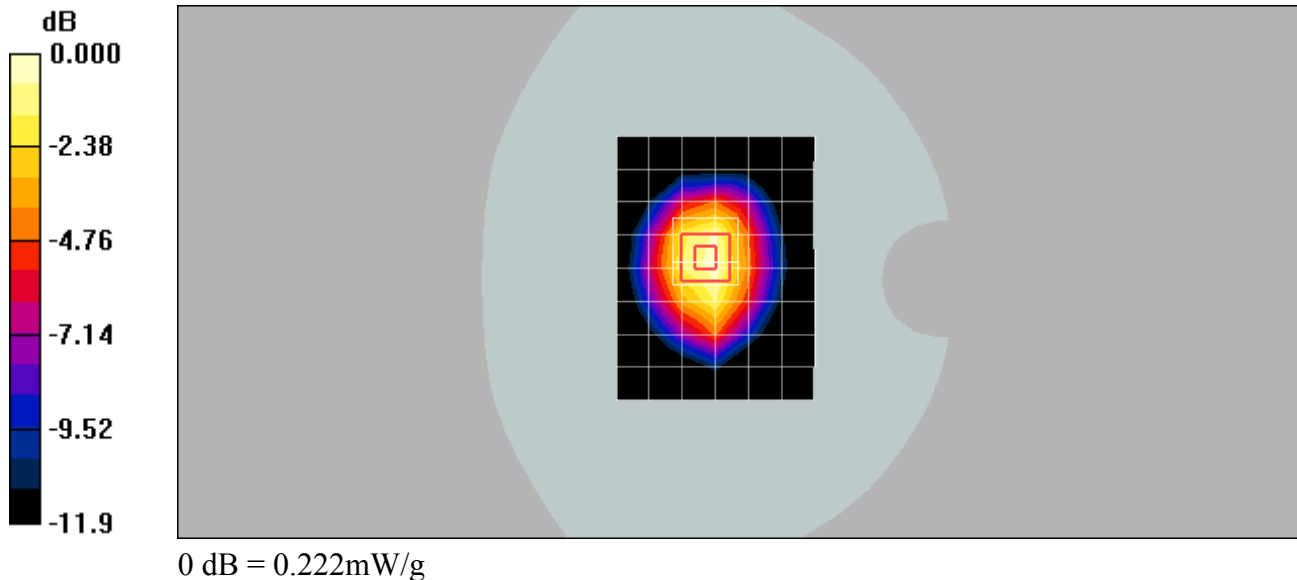Maximum value of SAR (measured) = 0.211 mW/g

Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.3 V/m; Power Drift = -0.099 dB
Peak SAR (extrapolated) = 0.304 W/kg
SAR(1 g) = 0.204 mW/g; SAR(10 g) = 0.130 mW/g
Maximum value of SAR (measured) = 0.222 mW/g

0 dB = 0.222mW/g

Test Laboratory: SGS-SAR Lab

GL300 GSM1900 GPRS 3TS 661CH Back side 0mm

DUT: GL300; Type: GSM1900; Serial: NA

Communication System: PCS1900-GPRS Mode; Frequency: 1880 MHz;Duty Cycle: 1:2.77
Medium: MSL1900 Medium parameters used: f = 1880 MHz; σ = 1.53 mho/m; ε_r = 52.1; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3088; ConvF(4.91, 4.91, 4.91); Calibrated: 2012-11-26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn569; Calibrated: 2012-11-27
- Phantom: SAM 1; Type: SAM V4.0; Serial: TP-1283
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Body/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm
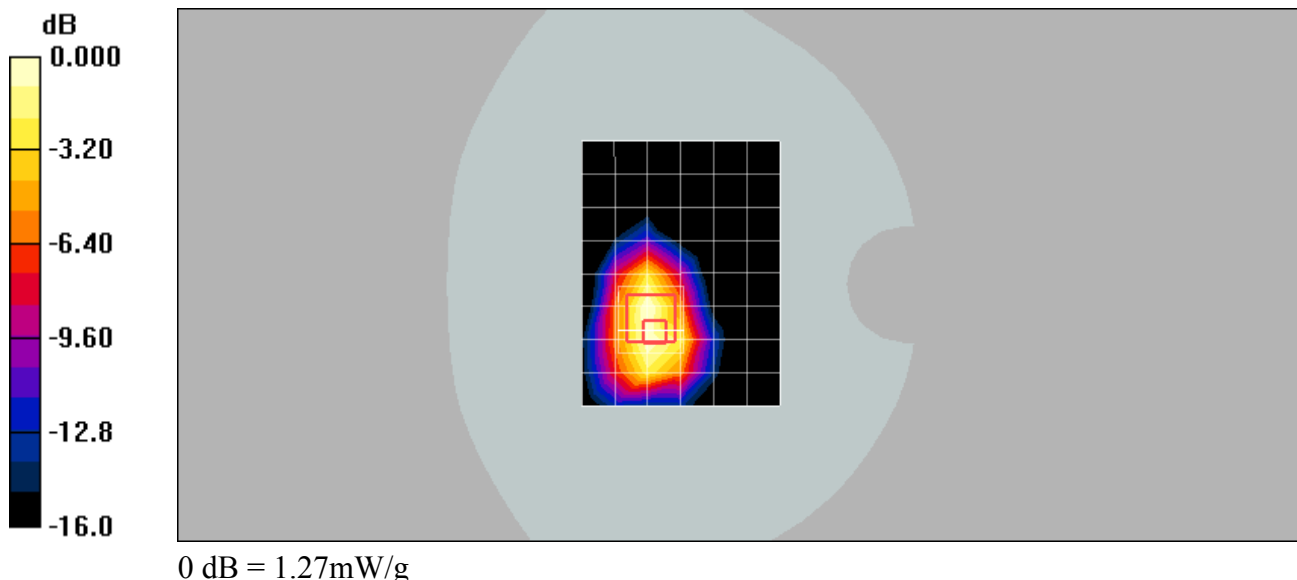Maximum value of SAR (measured) = 1.34 mW/g

Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.2 V/m; Power Drift = -0.021 dB
Peak SAR (extrapolated) = 1.85 W/kg
SAR(1 g) = 1.18 mW/g; SAR(10 g) = 0.733 mW/g
Maximum value of SAR (measured) = 1.27 mW/g

0 dB = 1.27mW/g

Test Laboratory: SGS-SAR Lab

GL300 GSM1900 GPRS 3TS 512CH Back side 0mm

DUT: GL300; Type: GSM1900; Serial: NA

Communication System: PCS1900-GPRS Mode; Frequency: 1850.2 MHz;Duty Cycle: 1:2.77
Medium: MSL1900 Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.51 mho/m; ε_r = 52.2;

ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3088; ConvF(4.91, 4.91, 4.91); Calibrated: 2012-11-26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn569; Calibrated: 2012-11-27
- Phantom: SAM 1; Type: SAM V4.0; Serial: TP-1283
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Body/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.14 mW/g

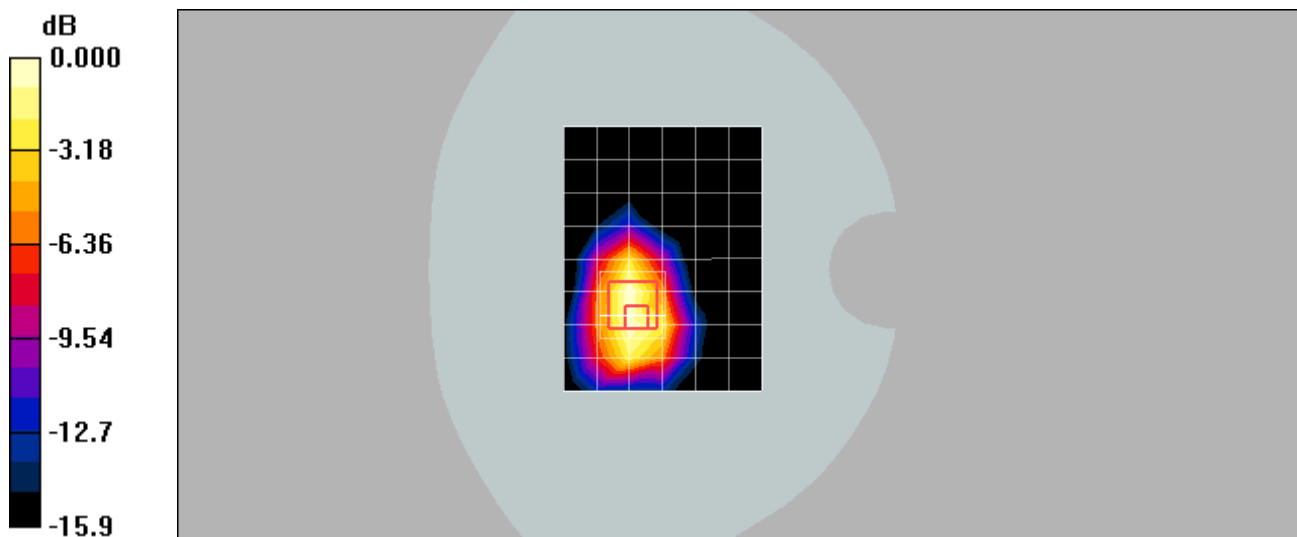**Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.0 V/m; Power Drift = -0.098 dB
Peak SAR (extrapolated) = 1.61 W/kg
SAR(1 g) = 1.04 mW/g; SAR(10 g) = 0.641 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.12 mW/g

0 dB = 1.12mW/g

Test Laboratory: SGS-SAR Lab

GL300 GSM1900 GPRS 3TS 810CH Back side 0mm

DUT: GL300; Type: GSM1900; Serial: NA

Communication System: PCS1900-GPRS Mode; Frequency: 1909.8 MHz;Duty Cycle: 1:2.77
Medium: MSL1900 Medium parameters used: f = 1910 MHz; σ = 1.57 mho/m; ε_r = 52.1; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3088; ConvF(4.91, 4.91, 4.91); Calibrated: 2012-11-26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn569; Calibrated: 2012-11-27
- Phantom: SAM 1; Type: SAM V4.0; Serial: TP-1283
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Body/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm
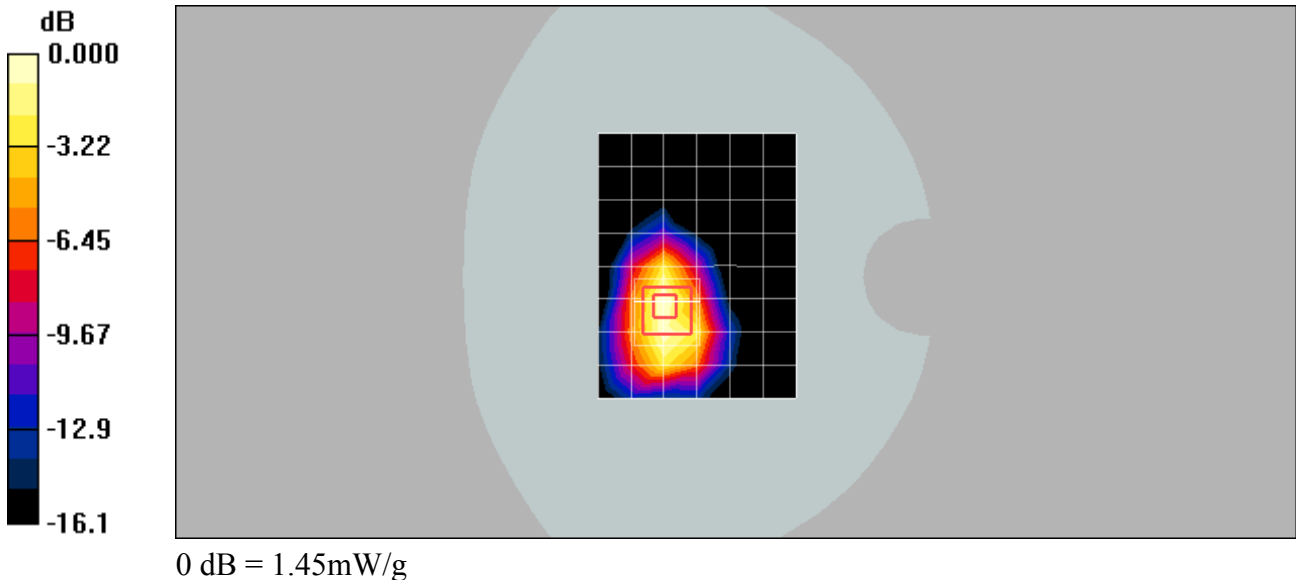Maximum value of SAR (measured) = 1.54 mW/g

Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 13.0 V/m; Power Drift = -0.098 dB
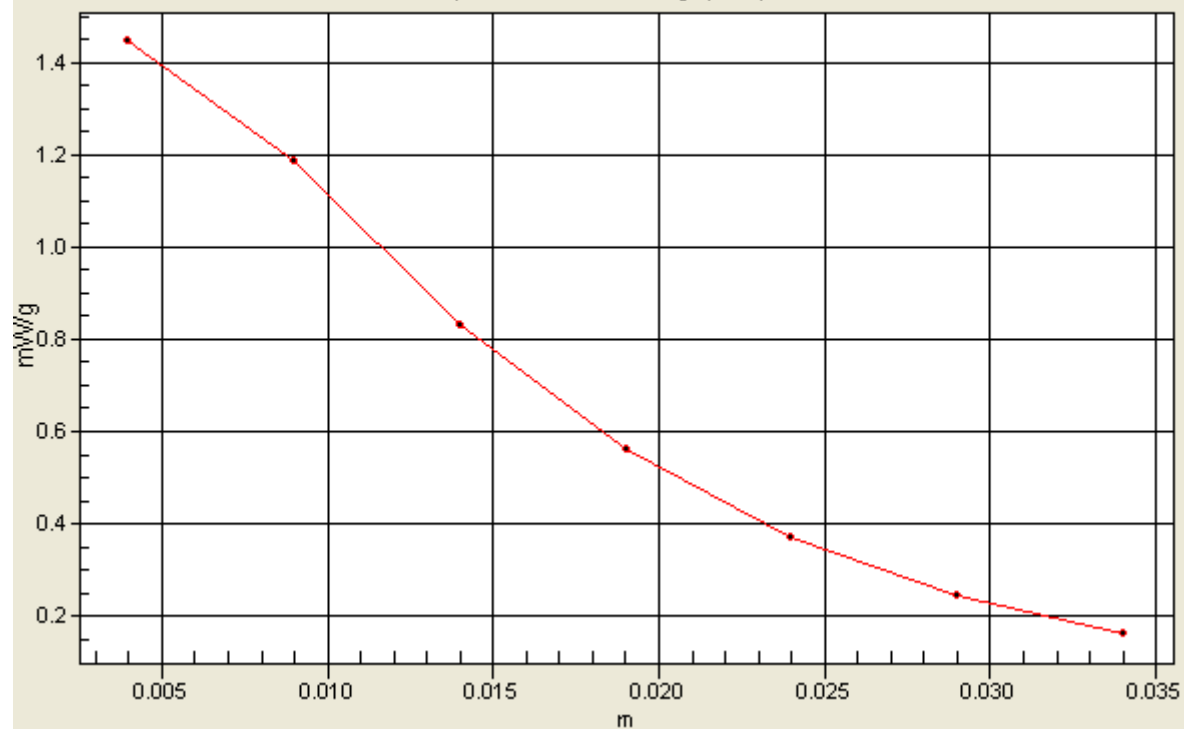Peak SAR (extrapolated) = 2.08 W/kg
SAR(1 g) = 1.34 mW/g; SAR(10 g) = 0.830 mW/g
Maximum value of SAR (measured) = 1.45 mW/g

0 dB = 1.45mW/g

1g/10g Averaged SAR

SAR; Zoom Scan:Value Along Z, X=3, Y=4

Test Laboratory: SGS-SAR Lab

GL300 GSM1900 GPRS 3TS 661CH Front side 0mm

DUT: GL300; Type: GSM1900; Serial: NA

Communication System: PCS1900-GPRS Mode; Frequency: 1880 MHz;Duty Cycle: 1:2.77
Medium: MSL1900 Medium parameters used: f = 1880 MHz; σ = 1.53 mho/m; ε_r = 52.1; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3088; ConvF(4.91, 4.91, 4.91); Calibrated: 2012-11-26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn569; Calibrated: 2012-11-27
- Phantom: SAM 1; Type: SAM V4.0; Serial: TP-1283
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Body/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm
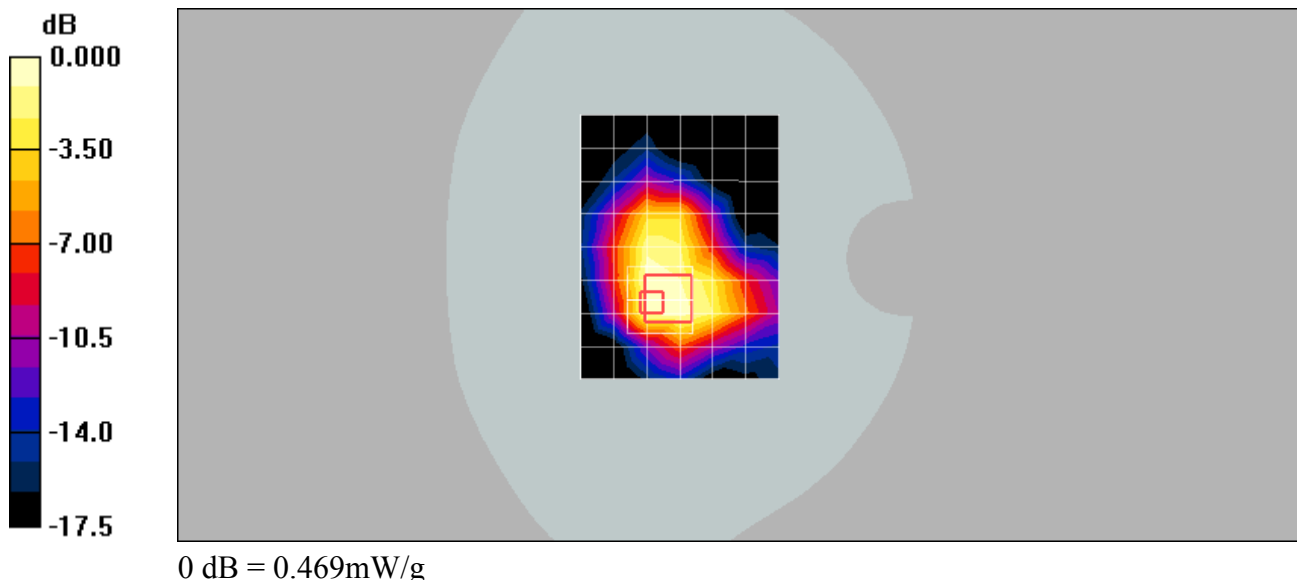Maximum value of SAR (measured) = 0.429 mW/g

Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.4 V/m; Power Drift = -0.192 dB
Peak SAR (extrapolated) = 0.797 W/kg
SAR(1 g) = 0.411 mW/g; SAR(10 g) = 0.244 mW/g
Maximum value of SAR (measured) = 0.469 mW/g

0 dB = 0.469mW/g

Test Laboratory: SGS-SAR Lab

GL300 GSM1900 GPRS 3TS 661CH Top side 0mm

DUT: GL300; Type: GSM1900; Serial: NA

Communication System: PCS1900-GPRS Mode; Frequency: 1880 MHz;Duty Cycle: 1:2.77
Medium: MSL1900 Medium parameters used: f = 1880 MHz; σ = 1.53 mho/m; ε_r = 52.1; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3088; ConvF(4.91, 4.91, 4.91); Calibrated: 2012-11-26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn569; Calibrated: 2012-11-27
- Phantom: SAM 1; Type: SAM V4.0; Serial: TP-1283
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Body/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm
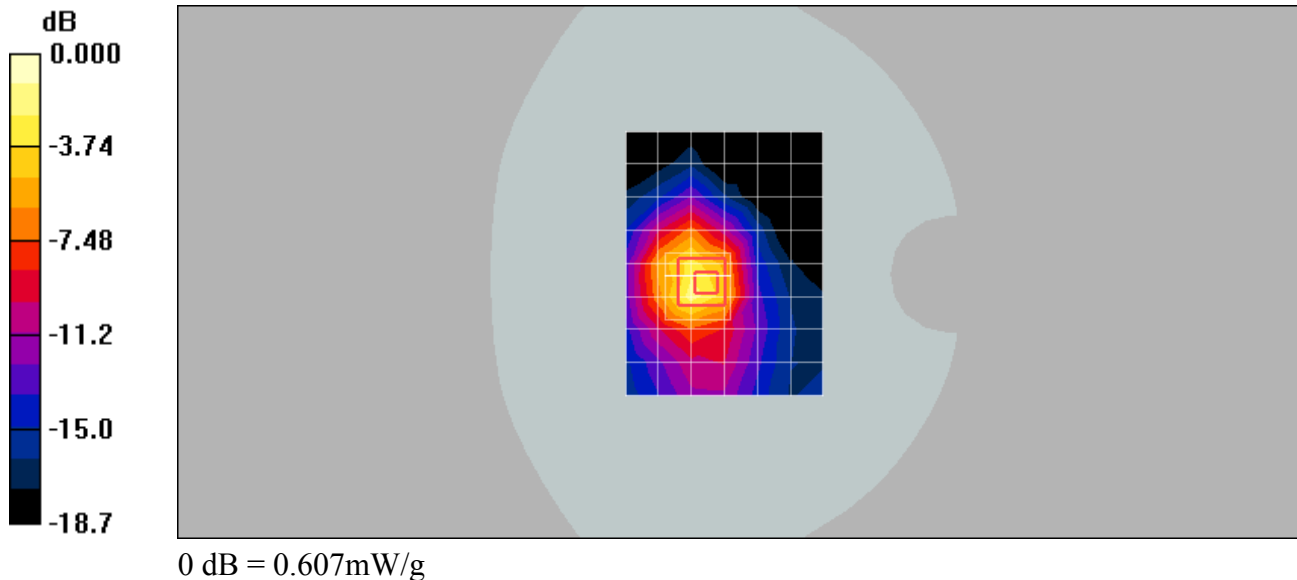Maximum value of SAR (measured) = 0.412 mW/g

Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 13.6 V/m; Power Drift = -0.008 dB
Peak SAR (extrapolated) = 0.992 W/kg
SAR(1 g) = 0.507 mW/g; SAR(10 g) = 0.229 mW/g
Maximum value of SAR (measured) = 0.607 mW/g

0 dB = 0.607mW/g

Test Laboratory: SGS-SAR Lab

GL300 GSM1900 GPRS 3TS 661CH Botttom side 0mm

DUT: GL300; Type: GSM1900; Serial: NA

Communication System: PCS1900-GPRS Mode; Frequency: 1880 MHz;Duty Cycle: 1:2.77
Medium: MSL1900 Medium parameters used: f = 1880 MHz; σ = 1.53 mho/m; ε_r = 52.1; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3088; ConvF(4.91, 4.91, 4.91); Calibrated: 2012-11-26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn569; Calibrated: 2012-11-27
- Phantom: SAM 1; Type: SAM V4.0; Serial: TP-1283
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Body/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm
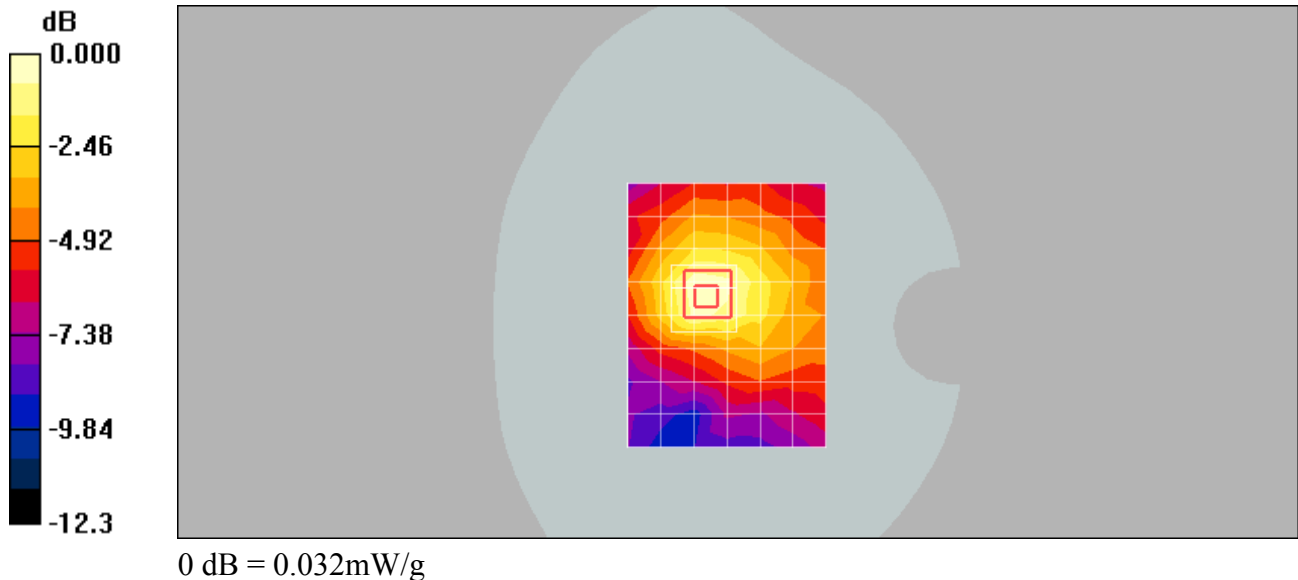Maximum value of SAR (measured) = 0.030 mW/g

Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.85 V/m; Power Drift = -0.025 dB
Peak SAR (extrapolated) = 0.046 W/kg
SAR(1 g) = 0.029 mW/g; SAR(10 g) = 0.019 mW/g
Maximum value of SAR (measured) = 0.032 mW/g

0 dB = 0.032mW/g

Test Laboratory: SGS-SAR Lab

GL300 GSM1900 GPRS 3TS 661CH Left side 0mm

DUT: GL300; Type: GSM1900; Serial: NA

Communication System: PCS1900-GPRS Mode; Frequency: 1880 MHz;Duty Cycle: 1:2.77
Medium: MSL1900 Medium parameters used: f = 1880 MHz; σ = 1.53 mho/m; ε_r = 52.1; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3088; ConvF(4.91, 4.91, 4.91); Calibrated: 2012-11-26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn569; Calibrated: 2012-11-27
- Phantom: SAM 1; Type: SAM V4.0; Serial: TP-1283
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Body/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm
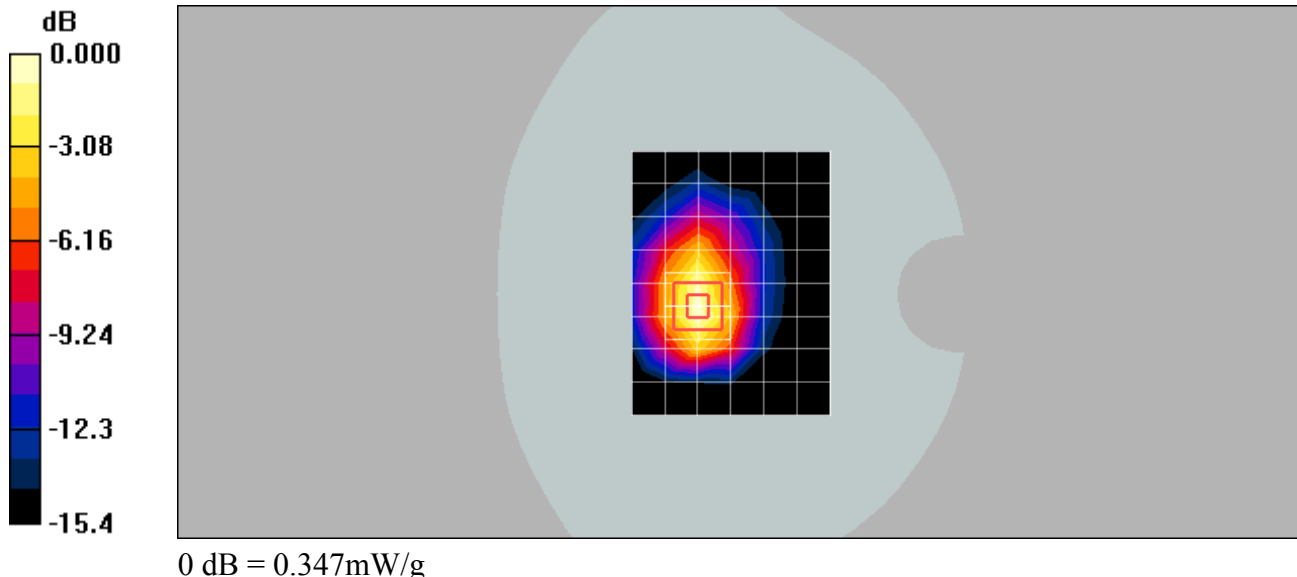Maximum value of SAR (measured) = 0.338 mW/g

Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.15 V/m; Power Drift = -0.128 dB
Peak SAR (extrapolated) = 0.470 W/kg
SAR(1 g) = 0.308 mW/g; SAR(10 g) = 0.175 mW/g
Maximum value of SAR (measured) = 0.347 mW/g

0 dB = 0.347mW/g

Test Laboratory: SGS-SAR Lab

GL300 GSM1900 GPRS 3TS 661CH Right side 0mm

DUT: GL300; Type: GSM1900; Serial: NA

Communication System: PCS1900-GPRS Mode; Frequency: 1880 MHz;Duty Cycle: 1:2.77
Medium: MSL1900 Medium parameters used: f = 1880 MHz; σ = 1.53 mho/m; ε_r = 52.1; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3088; ConvF(4.91, 4.91, 4.91); Calibrated: 2012-11-26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn569; Calibrated: 2012-11-27
- Phantom: SAM 1; Type: SAM V4.0; Serial: TP-1283
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Body/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm
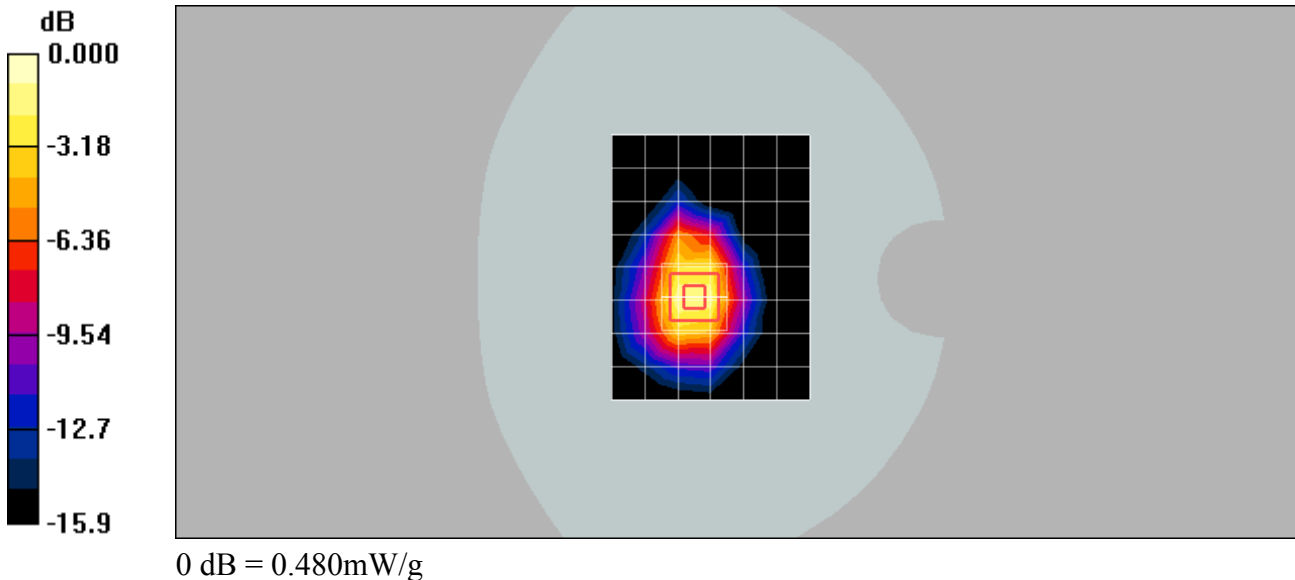Maximum value of SAR (measured) = 0.366 mW/g

Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.5 V/m; Power Drift = -0.062 dB
Peak SAR (extrapolated) = 0.668 W/kg
SAR(1 g) = 0.421 mW/g; SAR(10 g) = 0.233 mW/g
Maximum value of SAR (measured) = 0.480 mW/g

0 dB = 0.480mW/g

Test Laboratory: SGS-SAR Lab

GL300 GSM1900 GPRS 3TS 810CH Back side 0mm-repeat

DUT: GL300; Type: GSM1900; Serial: NA

Communication System: PCS1900-GPRS Mode; Frequency: 1909.8 MHz;Duty Cycle: 1:2.77
Medium: MSL1900 Medium parameters used: f = 1910 MHz; σ = 1.57 mho/m; ε_r = 52.1; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3088; ConvF(4.91, 4.91, 4.91); Calibrated: 2012-11-26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn569; Calibrated: 2012-11-27
- Phantom: SAM 1; Type: SAM V4.0; Serial: TP-1283
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Body/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm
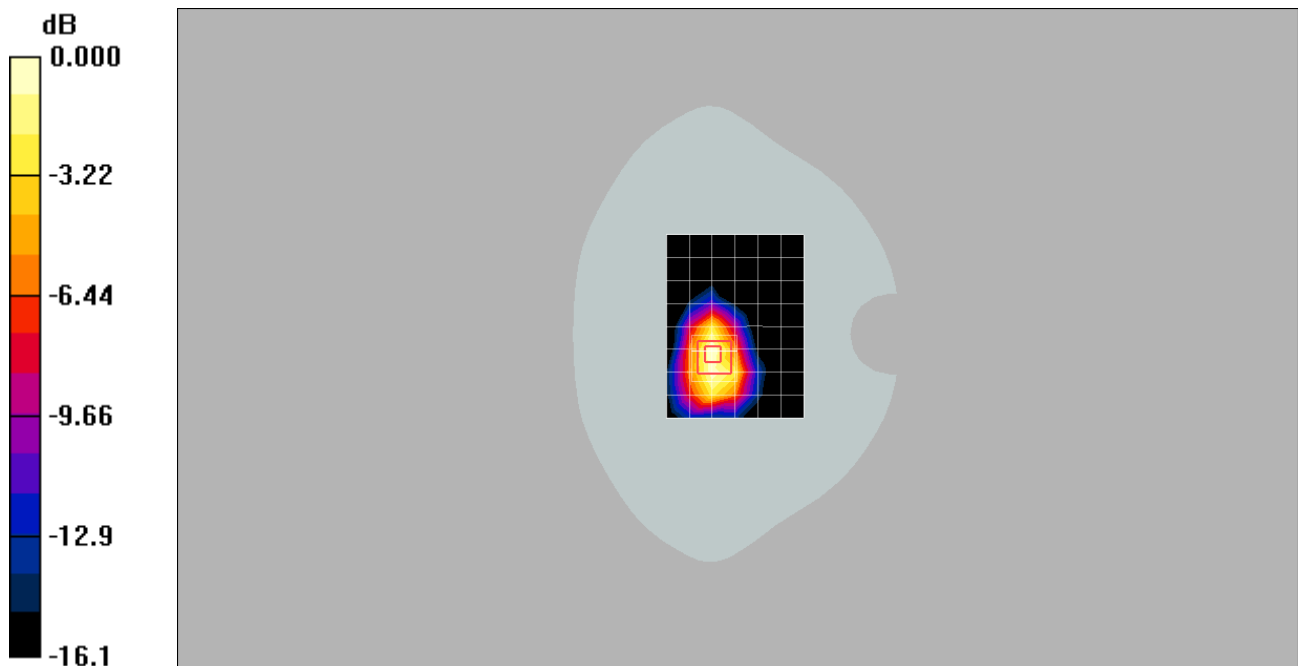Maximum value of SAR (measured) = 1.52 mW/g

Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.98 V/m; Power Drift = -0.015 dB
Peak SAR (extrapolated) = 2.06 W/kg
SAR(1 g) = 1.32 mW/g; SAR(10 g) = 0.826 mW/g
Maximum value of SAR (measured) = 1.43 mW/g

0 dB = 1.43mW/g