

Test Laboratory: Compliance Certification Services

File Name: [1_Left Hand Side_GSM1900.da4](#)

DUT: Sharp; Type: GX15; Serial: N/A

Program Name: Compliance Testing: OET 65 Supplement C Protocol (Left-Hand Side)

Ambient Temp.: 25.0 deg. C; Liquid Temp.: 24.0 deg. C

Area scan setting - Find secondary maximum within: 2.0 dB (58.35%)

Zoom Scan setting - Maximum number of cubes to measure: 2

Communication System: GSM1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8

Medium parameters used (interpolated): $f = 1909.8$ MHz; $\sigma = 1.42$ mho/m; $\epsilon_r = 39.9$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3531; ConvF(8.98, 8.98, 8.98); Calibrated: 7/18/2004

- Sensor-Surface: 2mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn500; Calibrated: 12/23/2003

- Phantom: SAM 2; Type: SAM 2; Serial: 1050

- Measurement SW: DASY4, V4.3 Build 16; Postprocessing SW: SEMCAD, V1.8 Build 123

Touch position - Middle 2/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation!](#)

Maximum value of SAR (measured) = 0.381 mW/g

Touch position - Middle 2/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

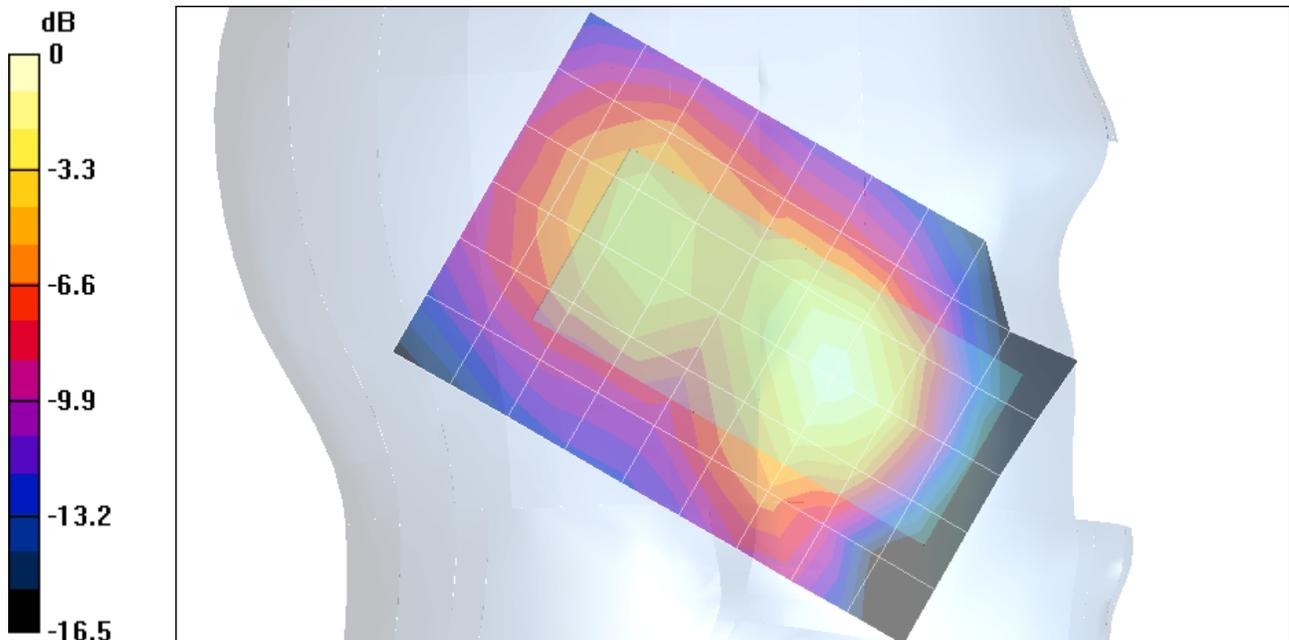
Reference Value = 10.6 V/m; Power Drift = -0.2 dB

Peak SAR (extrapolated) = 0.449 W/kg

SAR(1 g) = 0.304 mW/g; SAR(10 g) = 0.178 mW/g

[Info: Interpolated medium parameters used for SAR evaluation!](#)

Maximum value of SAR (measured) = 0.378 mW/g



0 dB = 0.378mW/g

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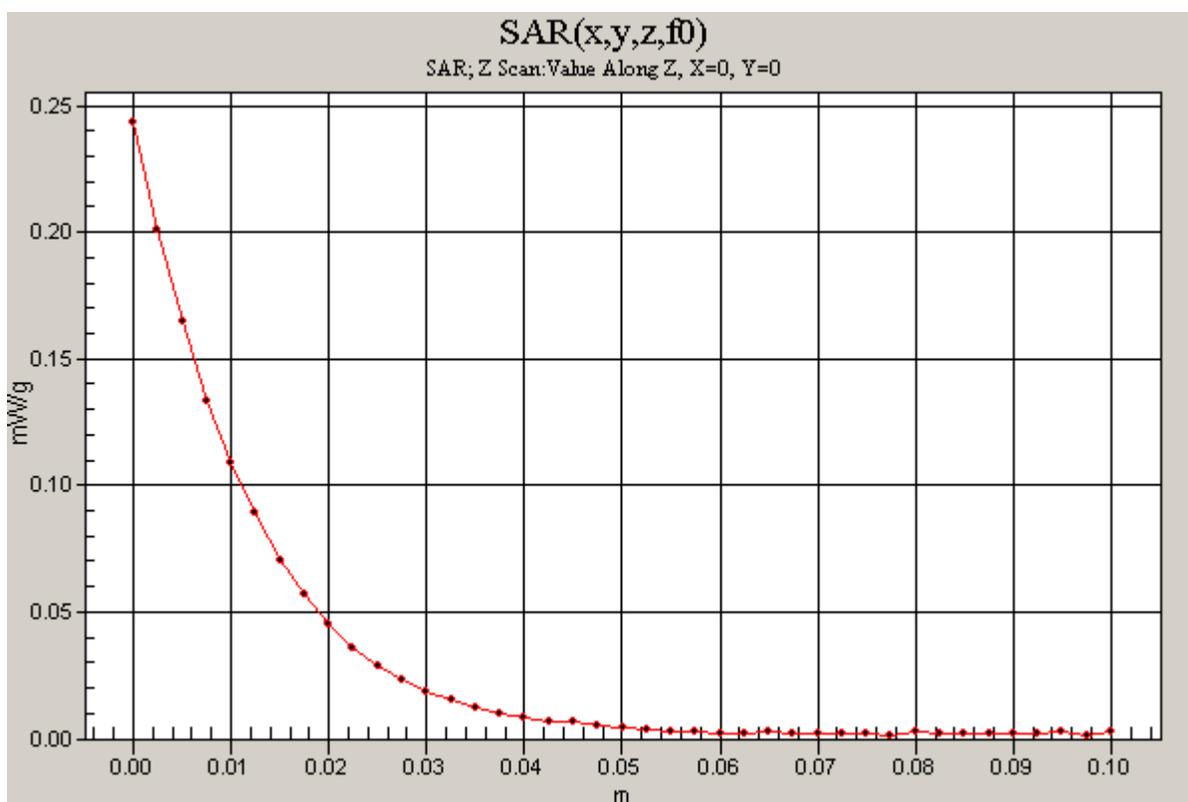
Medium parameters used (interpolated): $f = 1909.8$ MHz; $\sigma = 1.42$ mho/m; $\epsilon_r = 39.9$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Touch position - Middle 2/Z Scan (1x1x41): Measurement grid: dx=20mm, dy=20mm, dz=2.5mm

[Info: Interpolated medium parameters used for SAR evaluation!](#)

Maximum value of SAR (measured) = 0.243 mW/g



Test Laboratory: Compliance Certification Services

File Name: [2_Body worn_GPRS_2 Slots.da4](#)

DUT: Sharp; Type: GX15; Serial: N/A

Program Name: Compliance Testing: OET 65 Supplement C Protocol (Left-Hand Side)

Ambient Temp.: 25.0 deg. C; Liquid Temp.: 24.0 deg. C

Area scan setting - Find secondary maximum within: 2.0 dB (58.35%)

Zoom Scan setting - Maximum number of cubes to measure: 2

Communication System: GSM1900; Frequency: 1909.8 MHz; Duty Cycle: 1:4

Medium parameters used (interpolated): $f = 1909.8$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r = 53.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3531; ConvF(8.1, 8.1, 8.1); Calibrated: 7/18/2004

- Sensor-Surface: 2mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn500; Calibrated: 12/23/2003

- Phantom: SAM 1; Type: SAM 1; Serial: 1185

- Measurement SW: DASY4, V4.3 Build 16; Postprocessing SW: SEMCAD, V1.8 Build 123

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

[Info: Interpolated medium parameters used for SAR evaluation!](#)

Maximum value of SAR (measured) = 0.689 mW/g

d = 15 mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

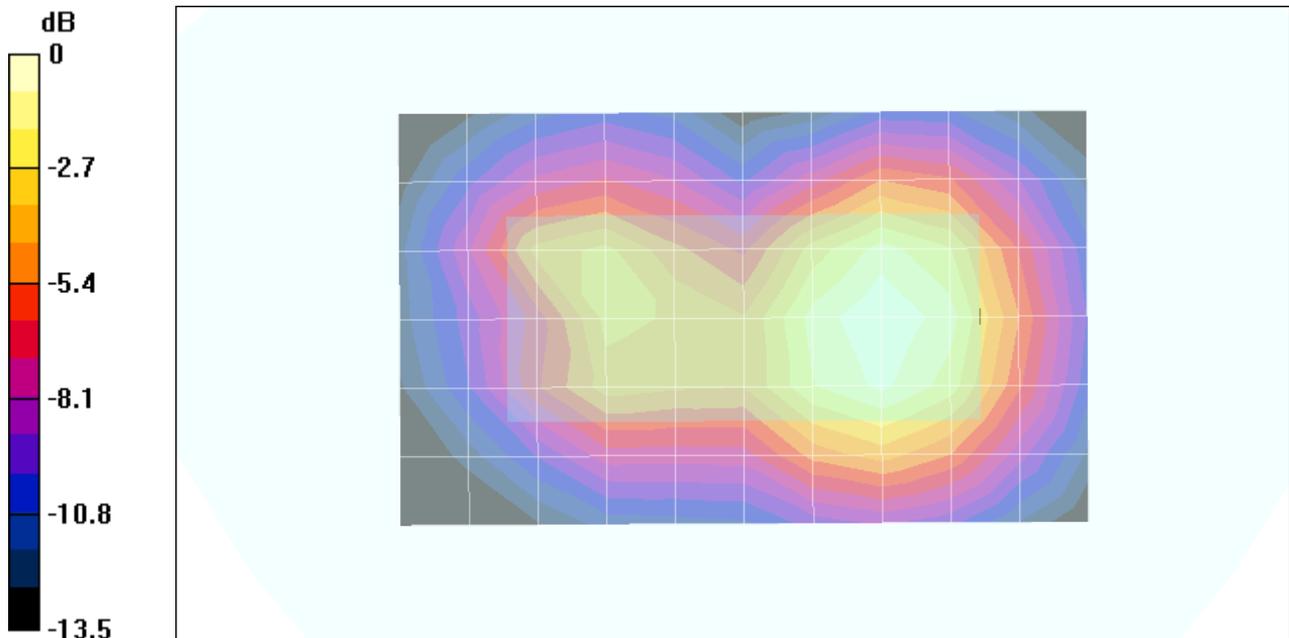
Reference Value = 13.2 V/m; Power Drift = -0.1 dB

Peak SAR (extrapolated) = 0.793 W/kg

SAR(1 g) = 0.558 mW/g; SAR(10 g) = 0.361 mW/g

[Info: Interpolated medium parameters used for SAR evaluation!](#)

Maximum value of SAR (measured) = 0.691 mW/g



0 dB = 0.691mW/g

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DUT: Sharp; Type: GX15; Serial: N/A

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Communication System: GSM1900; Frequency: 1909.8 MHz; Duty Cycle: 1:4

Medium parameters used (interpolated): $f = 1909.8$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r = 53.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

d = 15 mm/Z Scan (1x1x41): Measurement grid: dx=20mm, dy=20mm, dz=2.5mm

[Info: Interpolated medium parameters used for SAR evaluation!](#)

Maximum value of SAR (measured) = 0.429 mW/g

