



REPORT No. : SZ19120149S01

Annex D Plots of Maximum SAR Test Results

GSM850_GSM Voice_Left Cheek_Ch251

Communication System: UID 0, Generic GSM (0); Frequency: 848.6 MHz; Duty Cycle: 1:8.3

Medium: HSL_835 Medium parameters used: $f = 849$ MHz; $\sigma = 0.922$ S/m; $\epsilon_r = 41.003$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(9.3, 9.3, 9.3); Calibrated: 2020.01.03;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn871; Calibrated: 2019.06.27
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch251/Area Scan (51x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.491 W/kg

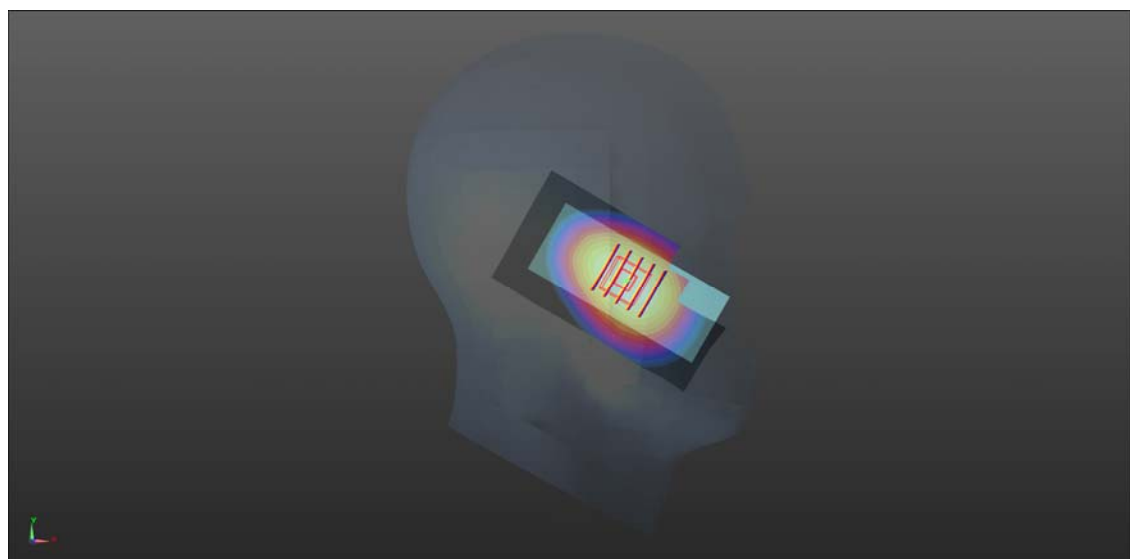
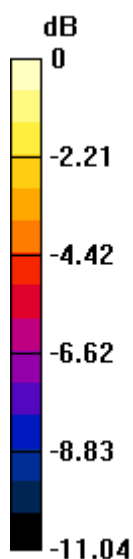
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.918 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.598 W/kg

SAR(1 g) = 0.458 W/kg; SAR(10 g) = 0.321 W/kg

Maximum value of SAR (measured) = 0.486 W/kg



0 dB = 0.486 W/kg

GSM1900_GSM Voice_Right Cheek_Ch512

Communication System: UID 0, Generic GSM (0); Frequency: 1850.2 MHz; Duty Cycle: 1:8.3
Medium: HSL_1900 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.282$ S/m; $\epsilon_r = 41.338$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.74, 7.74, 7.74); Calibrated: 2020.01.03;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn871; Calibrated: 2019.06.27
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch512/Area Scan (51x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.367 W/kg

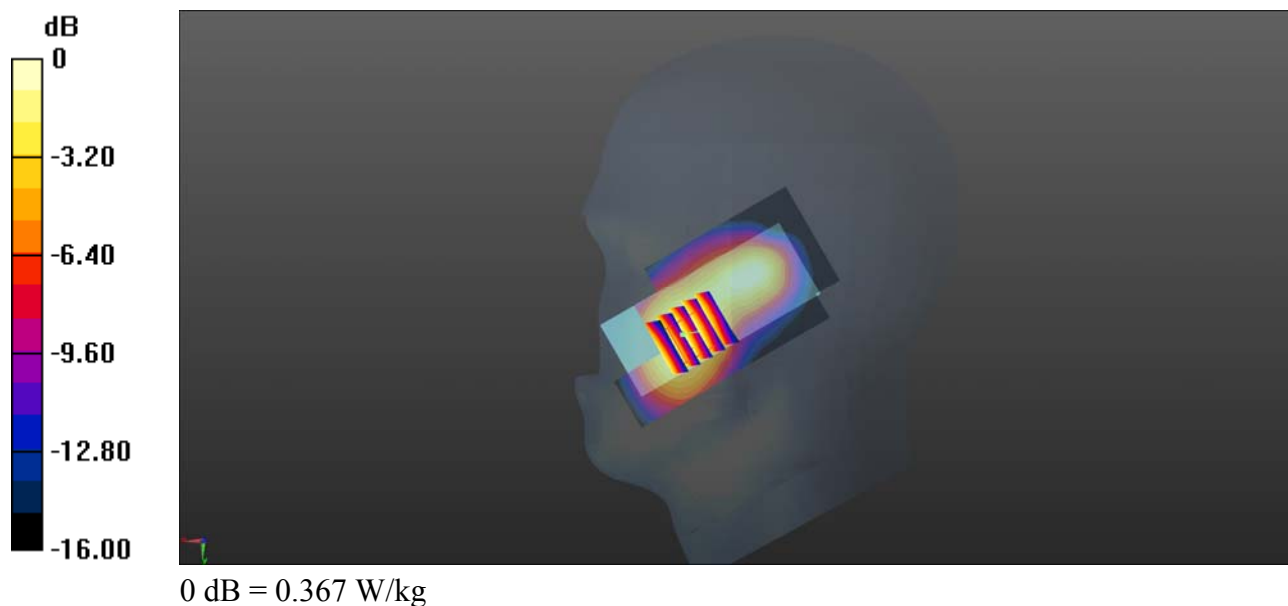
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.128 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.530 W/kg

SAR(1 g) = 0.341 W/kg; SAR(10 g) = 0.210 W/kg

Maximum value of SAR (measured) = 0.361 W/kg



GSM850_GPRS(3 TX slots)_Back Side_10mm_Ch251

Communication System: UID 0, GSM850(class 11) (0); Frequency: 848.8 MHz; Duty Cycle: 1:2.77
Medium: HSL_835 Medium parameters used: $f = 849$ MHz; $\sigma = 0.922$ S/m; $\epsilon_r = 41.003$; $\rho = 1000$

kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(9.3, 9.3, 9.3); Calibrated: 2020.01.03;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn871; Calibrated: 2019.06.27
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch251/Area Scan (61x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.749 W/kg

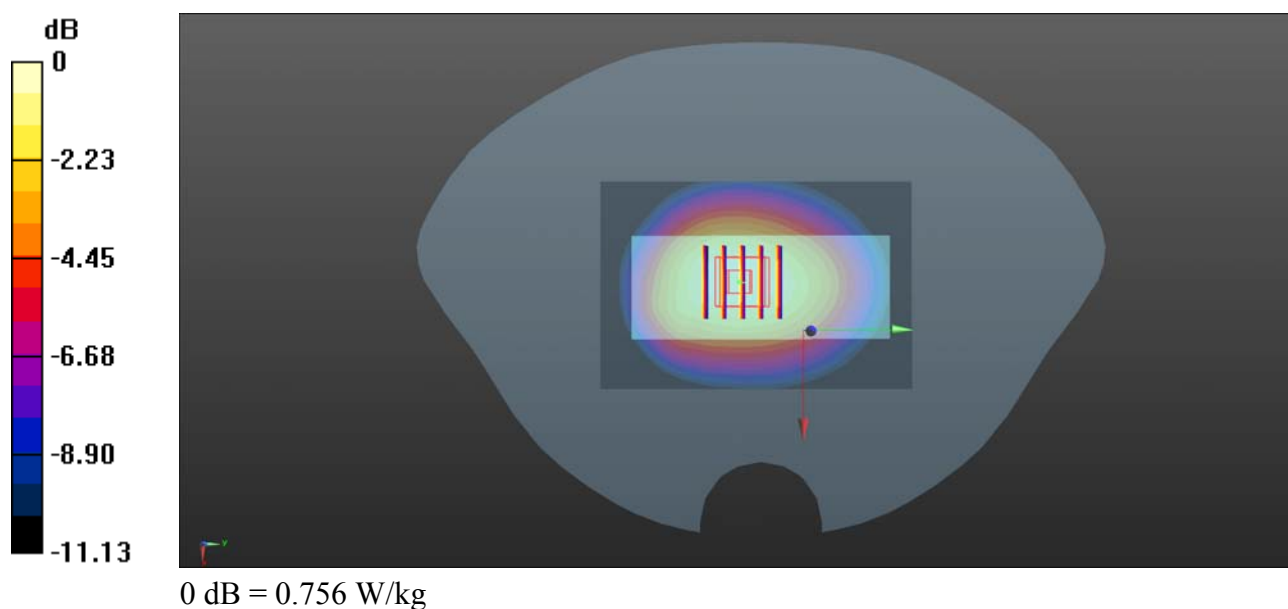
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.39 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.964 W/kg

SAR(1 g) = 0.708 W/kg; SAR(10 g) = 0.493 W/kg

Maximum value of SAR (measured) = 0.756 W/kg



GSM1900_GPRS(3 TX slots)_Back Side_10mm_Ch512

Communication System: UID 0, PCS1900(class 11) (0); Frequency: 1850.2 MHz; Duty Cycle: 1:2.77
Medium: HSL_1900 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.282$ S/m; $\epsilon_r = 41.338$; $\rho =$

1000 kg/m^3

Ambient Temperature : 23.2°C ; Liquid Temperature : 22.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.74, 7.74, 7.74); Calibrated: 2020.01.03;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn871; Calibrated: 2019.06.27
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch512/Area Scan (61x91x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 1.14 W/kg

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 9.910 V/m ; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 1.65 W/kg

SAR(1 g) = 0.981 W/kg ; SAR(10 g) = 0.560 W/kg

Maximum value of SAR (measured) = 1.09 W/kg

