



REPORT No. : SZ1810065S01

## Annex D Plots of Maximum SAR Test Results

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**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\_181023 Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.935$  S/m;  $\epsilon_r = 42.132$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.1 °C; Liquid Temperature : 22.6 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN7445; ConvF(9.66, 9.66, 9.66); Calibrated: 2018.09.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1516; Calibrated: 2018.07.14
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- 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) = 0.920 W/kg

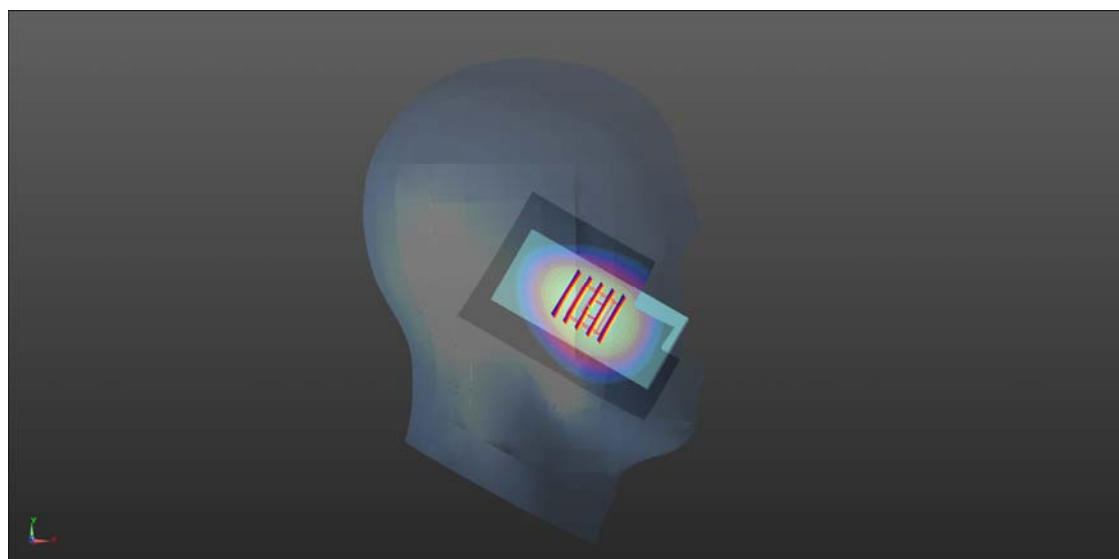
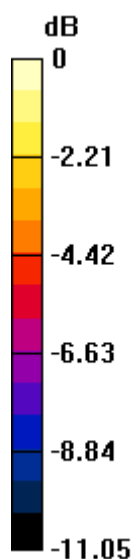
**Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.187 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.15 W/kg

**SAR(1 g) = 0.863 W/kg; SAR(10 g) = 0.594 W/kg**

Maximum value of SAR (measured) = 0.925 W/kg



0 dB = 0.920 W/kg = -0.36 dBW/kg

**GSM1900\_GSM Voice\_Right Cheek\_Ch661**

Communication System: UID 0, Generic GSM (0); Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: HSL\_1900\_181022 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.438$  S/m;  $\epsilon_r = 40.969$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.1 °C; Liquid Temperature : 22.2 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN7445; ConvF(7.89, 7.89, 7.89); Calibrated: 2018.09.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1516; Calibrated: 2018.07.14
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch661/Area Scan (61x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.374 W/kg

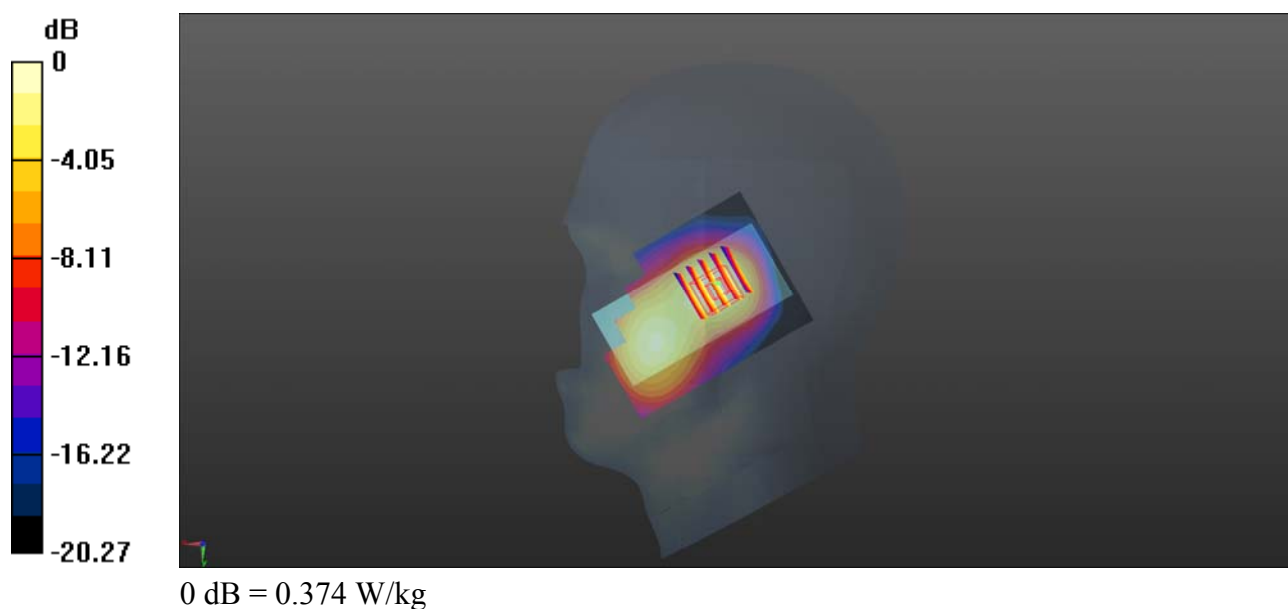
**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.857 V/m; Power Drift = 1.46 dB

Peak SAR (extrapolated) = 0.486 W/kg

**SAR(1 g) = 0.330 W/kg; SAR(10 g) = 0.199 W/kg**

Maximum value of SAR (measured) = 0.352 W/kg



**GSM850\_GSM Voice\_Back Side\_10mm\_Ch128**

Communication System: UID 0, Generic GSM (0); Frequency: 824.2 MHz; Duty Cycle: 1:8.3  
Medium: MSL\_835\_181023 Medium parameters used:  $f = 824.2$  MHz;  $\sigma = 0.947$  S/m;  $\epsilon_r = 54.481$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.5 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN7445; ConvF(9.69, 9.69, 9.69); Calibrated: 2018.09.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1516; Calibrated: 2018.07.14
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch128/Area Scan (61x101x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.940 W/kg

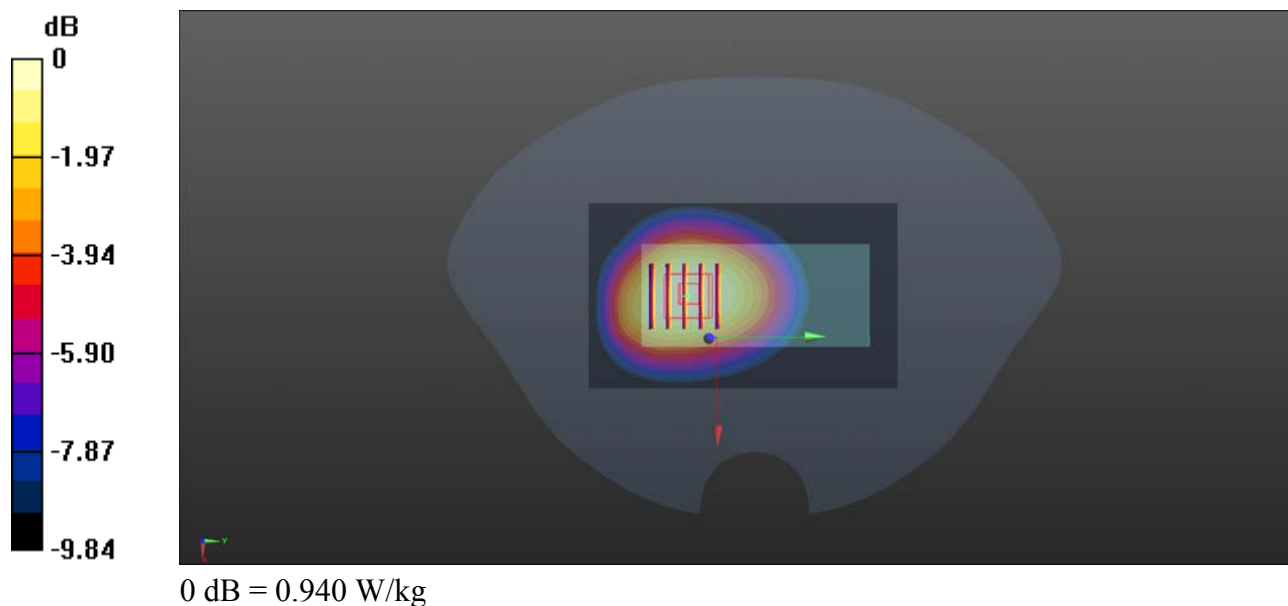
**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.38 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.17 W/kg

**SAR(1 g) = 0.890 W/kg; SAR(10 g) = 0.638 W/kg**

Maximum value of SAR (measured) = 0.948 W/kg



**GSM1900\_GSM Voice\_Back Side\_10mm\_Ch661**

Communication System: UID 0, Generic GSM (0); Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: MSL\_1900\_181022 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.509$  S/m;  $\epsilon_r = 52.468$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.1 °C; Liquid Temperature : 22.7 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN7445; ConvF(7.56, 7.56, 7.56); Calibrated: 2018.09.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1516; Calibrated: 2018.07.14
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch661/Area Scan (61x101x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.392 W/kg

**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.29 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.737 W/kg

**SAR(1 g) = 0.347 W/kg; SAR(10 g) = 0.173 W/kg**

Maximum value of SAR (measured) = 0.373 W/kg

