

**P01\_GSM850\_GSM\_Left Cheek\_251****DUT: EUT**

Communication System: UID 0, GSM (0); Frequency: 848.8 MHz; Duty Cycle: 1:8.3

Medium: HSL850 Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.898$  S/m;  $\epsilon_r = 41.824$ ;  $\rho = 1000$  kg/m<sup>3</sup>

**DASY5 Configuration:**

- Probe: ES3DV3 - SN3240; ConvF(6.13, 6.13, 6.13); Calibrated: 3/28/2018;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn420; Calibrated: 3/22/2018
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1469
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

**Configuration/Test/Area Scan (61x71x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

Maximum value of SAR (interpolated) = 0.505 W/kg

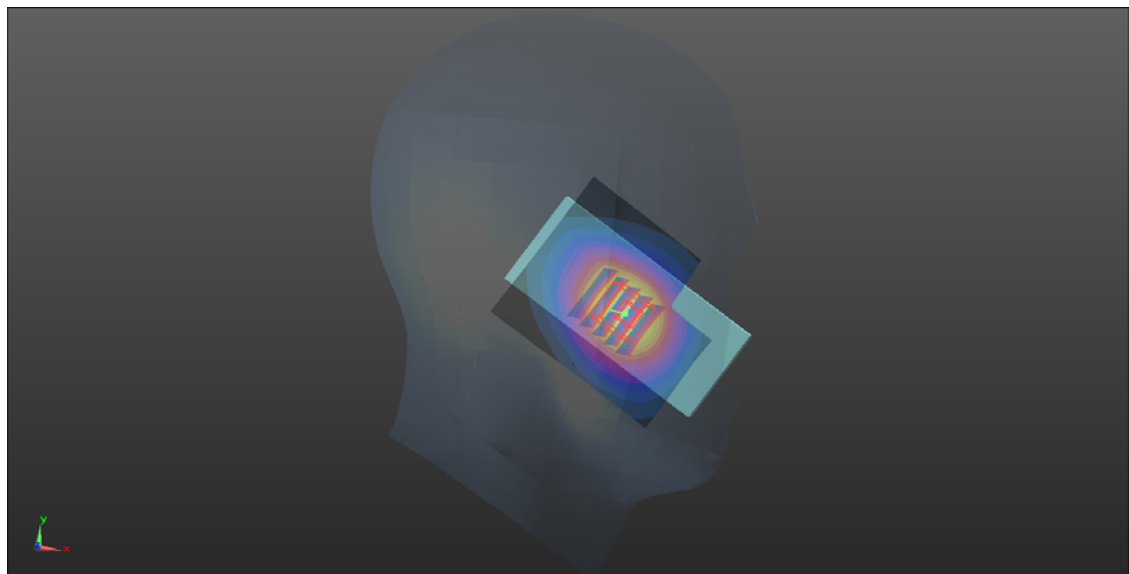
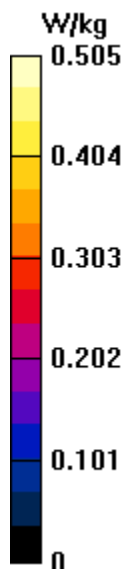
**Configuration/Test/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 7.257 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.586 W/kg

**SAR(1 g) = 0.437 W/kg; SAR(10 g) = 0.309 W/kg**

Maximum value of SAR (measured) = 0.489 W/kg



**P02\_GSM1900\_GSM\_Right Cheek\_810****DUT: EUT**

Communication System: UID 0, GSM (0); Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

Medium: HSL1900 Medium parameters used:  $f = 1910 \text{ MHz}$ ;  $\sigma = 1.396 \text{ S/m}$ ;  $\epsilon_r = 40.43$ ;  $\rho = 1000 \text{ kg/m}^3$

**DASY5 Configuration:**

- Probe: ES3DV3 - SN3240; ConvF(5.13, 5.13, 5.13); Calibrated: 3/28/2018;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn420; Calibrated: 3/22/2018
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1469
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

**Configuration/Test/Area Scan (61x71x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$   
Maximum value of SAR (interpolated) =  $0.170 \text{ W/kg}$

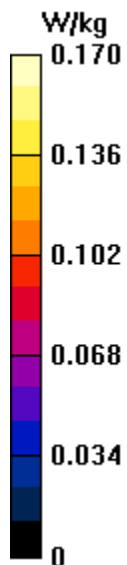
**Configuration/Test/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $3.064 \text{ V/m}$ ; Power Drift =  $0.08 \text{ dB}$

Peak SAR (extrapolated) =  $0.229 \text{ W/kg}$

**SAR(1 g) =  $0.141 \text{ W/kg}$ ; SAR(10 g) =  $0.084 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.167 \text{ W/kg}$



**P03 GSM850\_GSM\_Rear Face\_1cm\_251****DUT: EUT**

Communication System: UID 0, GSM (0); Frequency: 848.8 MHz; Duty Cycle: 1:8.3

Medium: MSL850 Medium parameters used:  $f = 849 \text{ MHz}$ ;  $\sigma = 0.993 \text{ S/m}$ ;  $\epsilon_r = 57.219$ ;  $\rho = 1000 \text{ kg/m}^3$

**DASY5 Configuration:**

- Probe: ES3DV3 - SN3240; ConvF(6.29, 6.29, 6.29); Calibrated: 3/28/2018;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn420; Calibrated: 3/22/2018
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1469
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

**Configuration/Test/Area Scan (61x91x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) =  $0.788 \text{ W/kg}$

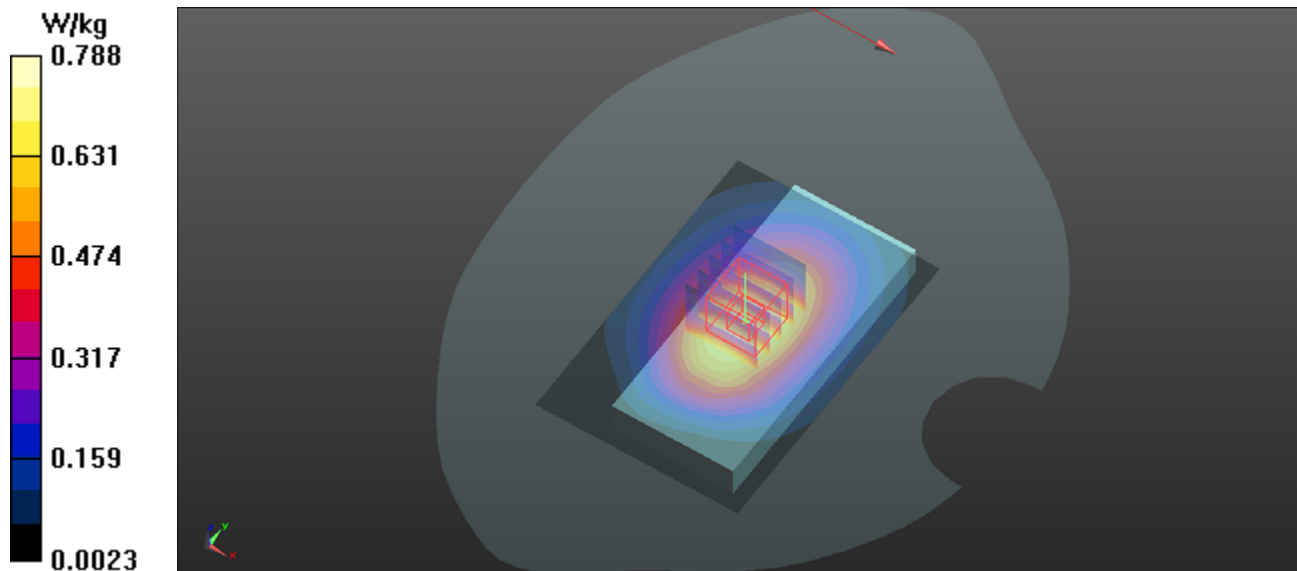
**Configuration/Test/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $28.34 \text{ V/m}$ ; Power Drift =  $-0.12 \text{ dB}$

Peak SAR (extrapolated) =  $0.942 \text{ W/kg}$

**SAR(1 g) =  $0.694 \text{ W/kg}$ ; SAR(10 g) =  $0.490 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.786 \text{ W/kg}$



**P04 GSM1900\_GSM\_Rear Face\_1cm\_810****DUT: EUT**

Communication System: UID 0, GSM (0); Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

Medium: MSL1900 Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.562$  S/m;  $\epsilon_r = 52.557$ ;  $\rho = 1000$  kg/m<sup>3</sup>

**DASY5 Configuration:**

- Probe: ES3DV3 - SN3240; ConvF(4.8, 4.8, 4.8); Calibrated: 3/28/2018;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn420; Calibrated: 3/22/2018
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1469
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

**Configuration/Test/Area Scan (61x71x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm  
Maximum value of SAR (interpolated) = 0.850 W/kg

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

Reference Value = 6.057 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.19 W/kg

**SAR(1 g) = 0.682 W/kg; SAR(10 g) = 0.355 W/kg**

Maximum value of SAR (measured) = 0.856 W/kg

