Test Laboratory: UnionTrust Date: 9/6/2018

P01 GSM850_GSM_Left Cheek_128

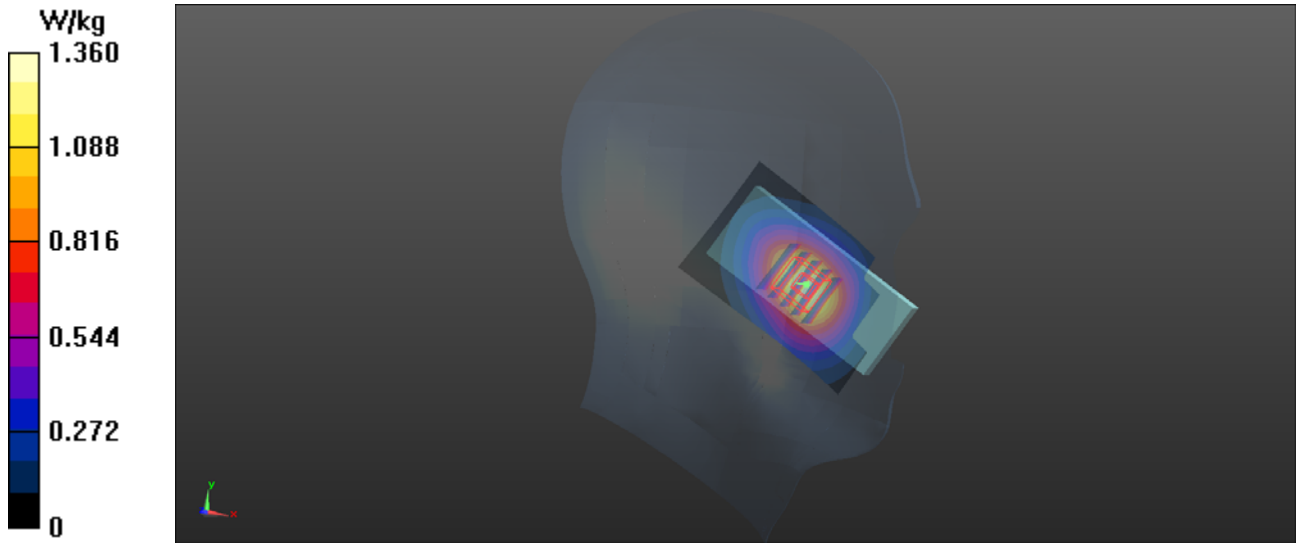
DUT: EUT

Communication System: UID 0, GSM (0); Frequency: 824.2 MHz;Duty Cycle: 1:8.3
Medium: HSL850 Medium parameters used (interpolated): f = 824.2 MHz; σ = 0.881 S/m; ε_r = 41.709; ρ = 1000 kg/m^3

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 (51x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.36 W/kg

Configuration/Test/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.81 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 1.64 W/kg
SAR(1 g) = 1.17 W/kg; SAR(10 g) = 0.790 W/kg
Maximum value of SAR (measured) = 1.33 W/kg



Test Laboratory: UnionTrust Date: 9/7/2018

P02 GSM1900_GSM_Right Cheek_810

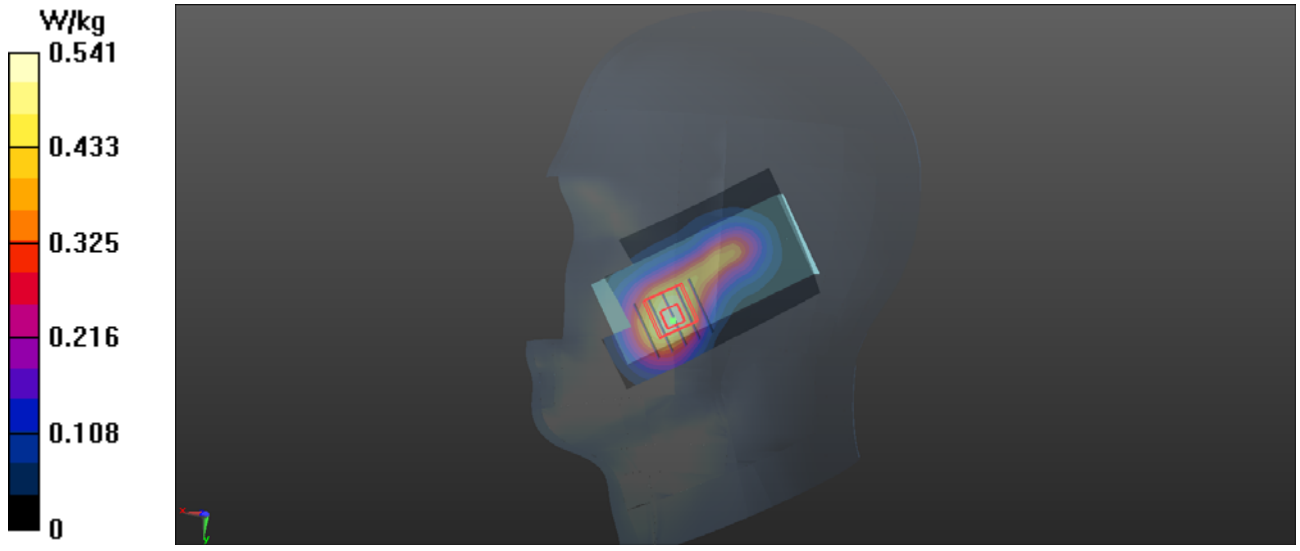
DUT: EUT

Communication System: UID 0, GSM (0); Frequency: 1909.8 MHz;Duty Cycle: 1:8.3
Medium: HSL1900 Medium parameters used: f = 1910 MHz; σ = 1.441 S/m; ε_r = 39.924; ρ = 1000 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 (51x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.541 W/kg

Configuration/Test/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.078 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.707 W/kg
SAR(1 g) = 0.443 W/kg; SAR(10 g) = 0.272 W/kg
Maximum value of SAR (measured) = 0.527 W/kg



Test Laboratory: UnionTrust Date: 9/4/2018

P03 GSM850_GSM_Rear Face_1.5cm_190

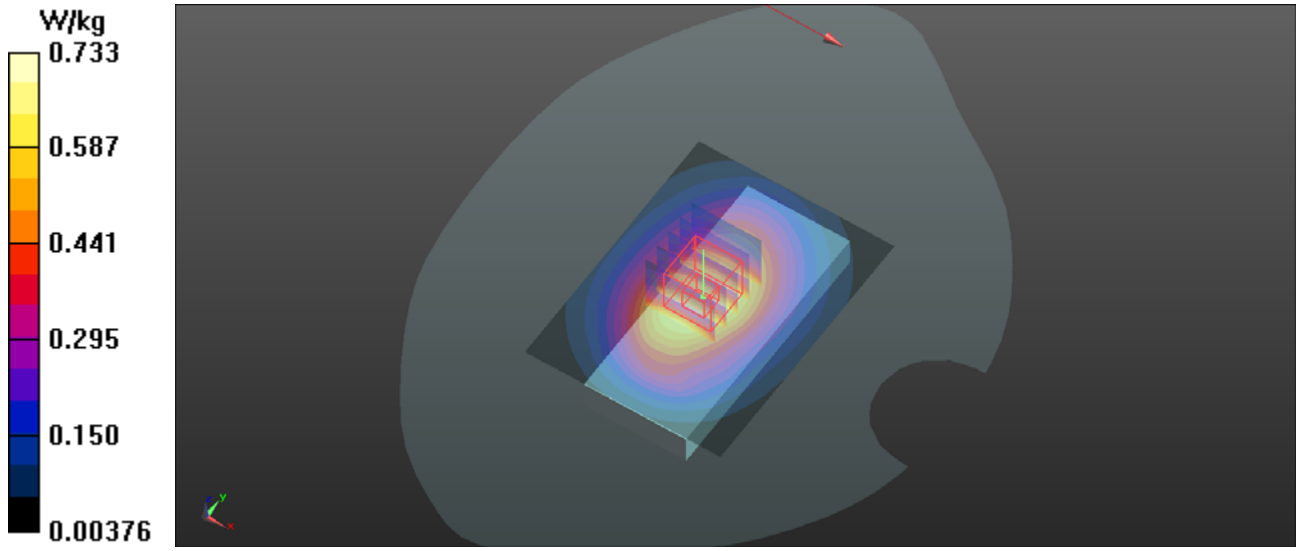
DUT: EUT

Communication System: UID 0, GSM (0); Frequency: 836.6 MHz;Duty Cycle: 1:8.3
Medium: MSL850 Medium parameters used: f = 837 MHz; σ = 0.996 S/m; ε_r = 55.99; ρ = 1000 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 (61x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.733 W/kg

Configuration/Test/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.51 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 0.890 W/kg
SAR(1 g) = 0.657 W/kg; SAR(10 g) = 0.464 W/kg
Maximum value of SAR (measured) = 0.738 W/kg



Test Laboratory: UnionTrust Date: 9/6/2018

P04 GSM1900_GSM_Rear Face_1.5cm_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; σ = 1.56 S/m; ε_r = 52.35; ρ = 1000 kg/m^3

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 (61x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.237 W/kg

Configuration/Test/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.855 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.320 W/kg
SAR(1 g) = 0.195 W/kg; SAR(10 g) = 0.119 W/kg
Maximum value of SAR (measured) = 0.230 W/kg