Date: 2018-10-30

Test Laboratory: UnionTrust

P01_GSM850_GSM_Left Cheek_251

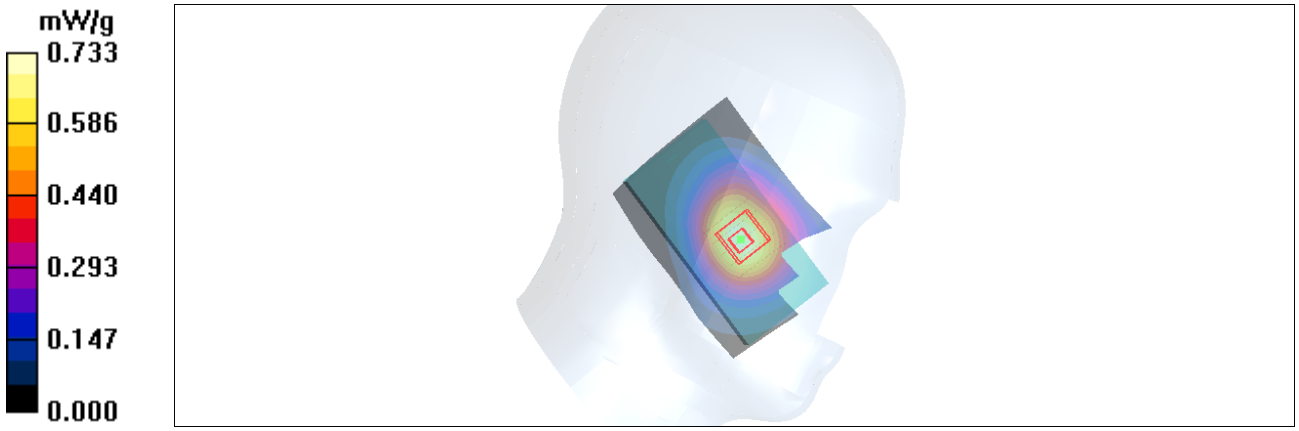
Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 849 MHz; σ = 0.931 mho/m; ε_r = 42.7; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ES3DV3 - SN3089; ConvF(6.14, 6.14, 6.14); Calibrated: 2018-5-18
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn662; Calibrated: 2018-5-11
- Phantom: SAM 1; Type: QD 000 P40 CB; Serial: TP/1378
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Test/Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.733 mW/g

Test/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.31 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.870 W/kg
SAR(1 g) = 0.636 mW/g; SAR(10 g) = 0.435 mW/g
Maximum value of SAR (measured) = 0.733 mW/g



Date: 2018-10-31

Test Laboratory: UnionTrust

P02_GSM1900_GSM_Right Cheek_512

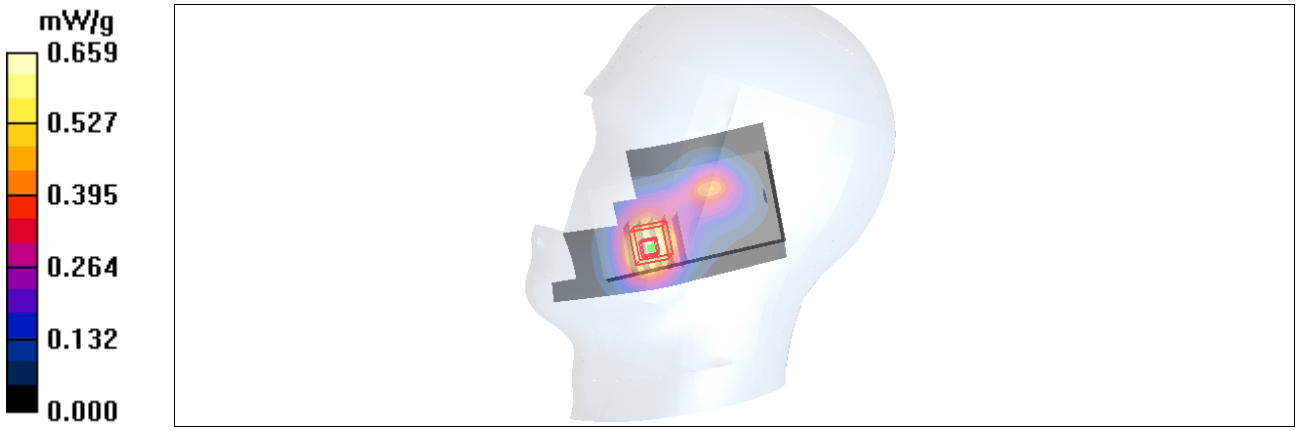
Communication System: PCS 1900; Frequency: 1850.2 MHz;Duty Cycle: 1:8.3
Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.35 mho/m; ε_r = 41.6; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ES3DV3 - SN3089; ConvF(4.81, 4.81, 4.81); Calibrated: 2018-5-18
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn662; Calibrated: 2018-5-11
- Phantom: SAM 2; Type: QD 000 P40 CB; Serial: TP-1376
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Test/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.659 mW/g

Test/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.36 V/m; Power Drift = -0.02dB
Peak SAR (extrapolated) = 0.863 W/kg
SAR(1 g) = 0.555 mW/g; SAR(10 g) = 0.336 mW/g
Maximum value of SAR (measured) = 0.659 mW/g



Date: 2018-10-30

Test Laboratory: UnionTrust

P03_GSM850_GSM_Rear Face_1cm_251

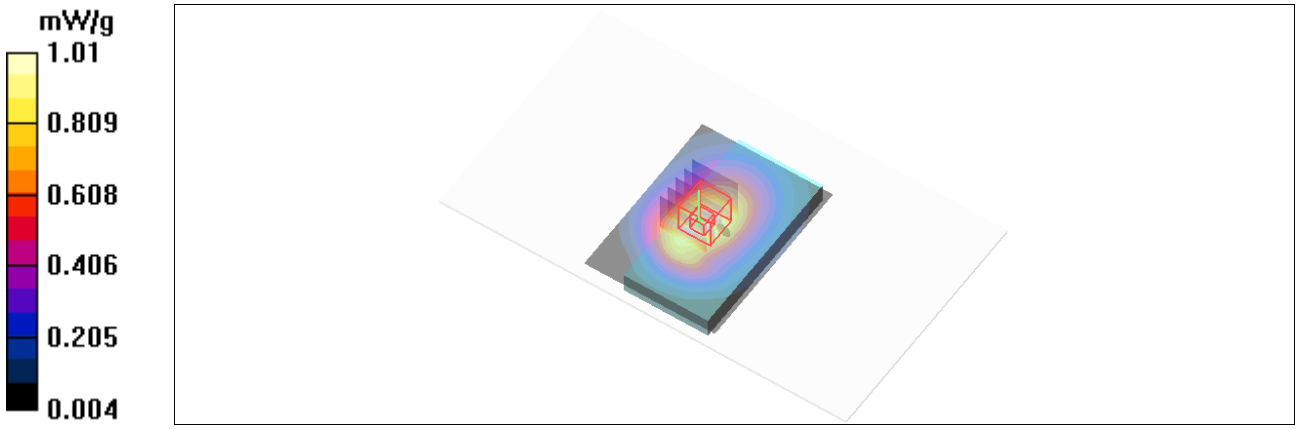
Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 849 MHz; σ = 1 mho/m; ε_r = 55.1; ρ = 1000 kg/m^3
Phantom section: Center Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ES3DV3 - SN3089; ConvF(6.21, 6.21, 6.21); Calibrated: 2018-5-18
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn662; Calibrated: 2018-5-11
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1125
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Test/Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.01 mW/g

Test/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 31.1 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 1.21 W/kg
SAR(1 g) = 0.885 mW/g; SAR(10 g) = 0.609 mW/g
Maximum value of SAR (measured) = 1.00 mW/g



Date: 2018-10-30

Test Laboratory: UnionTrust

P04_GSM1900_GSM_Rear Face_1cm_512

Communication System: PCS 1900; Frequency: 1850.2 MHz;Duty Cycle: 1:8.3
Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.49 mho/m; ε_r = 52.8; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ES3DV3 - SN3089; ConvF(4.52, 4.52, 4.52); Calibrated: 2018-5-18
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn662; Calibrated: 2018-5-11
- Phantom: SAM 2; Type: QD 000 P40 CB; Serial: TP-1376
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Test/Area Scan (71x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.773 mW/g

Test/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.2 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 0.951 W/kg
SAR(1 g) = 0.599 mW/g; SAR(10 g) = 0.383 mW/g
Maximum value of SAR (measured) = 0.700 mW/g