Date: 2018-11-13

Test Laboratory: UnionTrust

P01_GSM850_GSM_Right Cheek_251

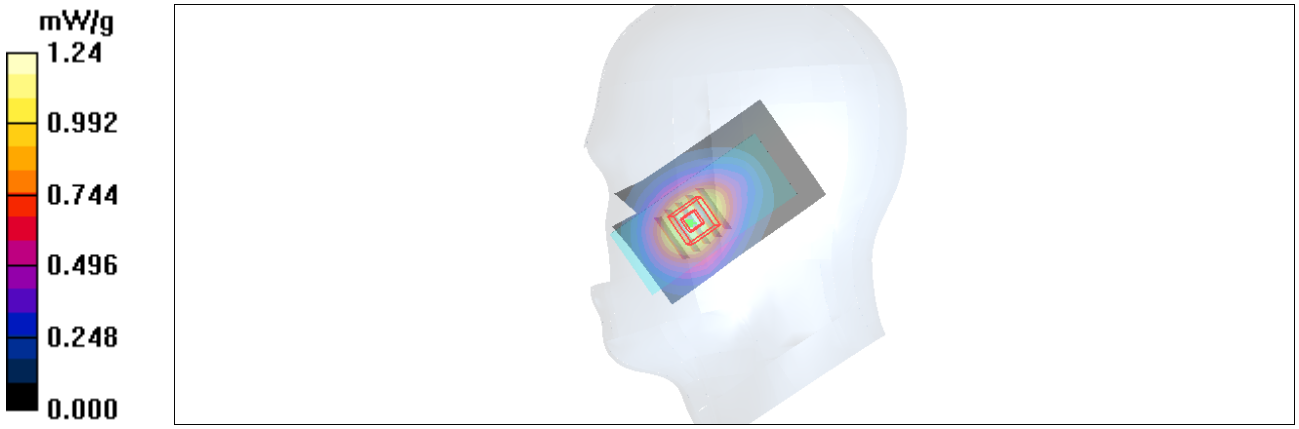
Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 849 MHz; σ = 0.909 mho/m; ε_r = 41.6; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ES3DV3 - SN3090; ConvF(6.34, 6.34, 6.34); Calibrated: 2018-4-3
- 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 (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.24 mW/g

Test/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.71 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.50 W/kg
SAR(1 g) = 1.06 mW/g; SAR(10 g) = 0.707 mW/g
Maximum value of SAR (measured) = 1.22 mW/g



Date: 2018-11-10

Test Laboratory: UnionTrust

P02_GSM1900_GSM_Right Cheek_810

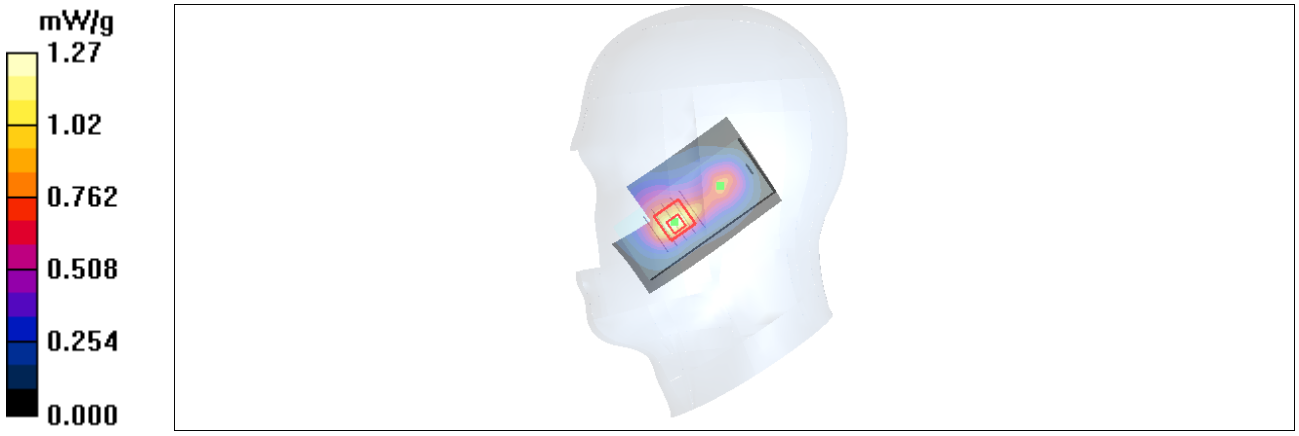
Communication System: PCS 1900; Frequency: 1909.8 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 1910 MHz; σ = 1.41 mho/m; ε_r = 40.8; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ES3DV3 - SN3090; ConvF(4.92, 4.92, 4.92); Calibrated: 2018-4-3
- 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 (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.27 mW/g

Test/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.8 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.52 W/kg
SAR(1 g) = 0.964 mW/g; SAR(10 g) = 0.570 mW/g
Maximum value of SAR (measured) = 1.12 mW/g



Date: 2018-11-13

Test Laboratory: UnionTrust

P03_WCDMA V_RMC12.2K_Right Cheek_4233

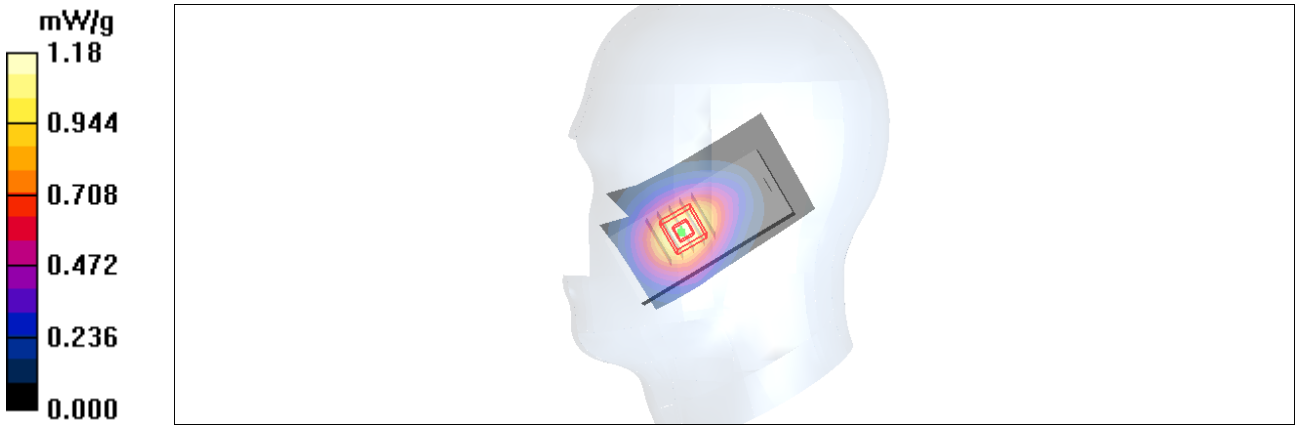
Communication System: WCDMA Band V; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 847 MHz; σ = 0.907 mho/m; ε_r = 41.7; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ES3DV3 - SN3090; ConvF(6.34, 6.34, 6.34); Calibrated: 2018-4-3
- 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 (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.18 mW/g

Test/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.35 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.40 W/kg
SAR(1 g) = 0.994 mW/g; SAR(10 g) = 0.665 mW/g
Maximum value of SAR (measured) = 1.15 mW/g



Date: 2018-11-15

Test Laboratory: UnionTrust

P04_GSM850_GSM_Rear Face_1.5CM_128

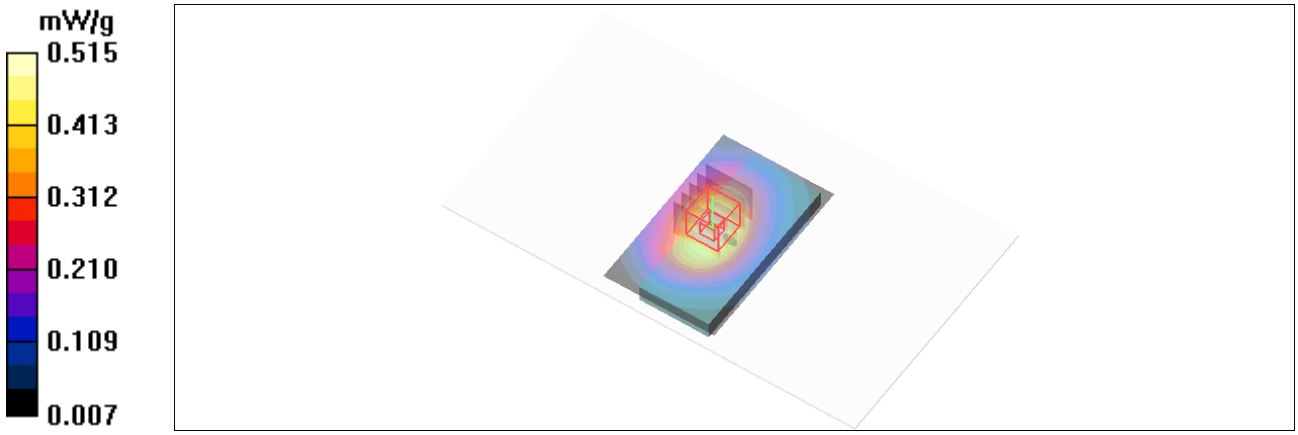
Communication System: GSM850; Frequency: 824.2 MHz;Duty Cycle: 1:8.3
Medium parameters used (interpolated): f = 824.2 MHz; σ = 0.967 mho/m; ε_r = 55.8; ρ = 1000 kg/m^3
Phantom section: Center Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ES3DV3 - SN3090; ConvF(6.41, 6.41, 6.41); Calibrated: 2018-4-3
- 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 (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.515 mW/g

Test/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.0 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.654 W/kg
SAR(1 g) = 0.457 mW/g; SAR(10 g) = 0.316 mW/g
Maximum value of SAR (measured) = 0.523 mW/g



Date: 2018-11-10

Test Laboratory: UnionTrust

P05_GSM1900_GSM_Rear Face_1.5CM_512

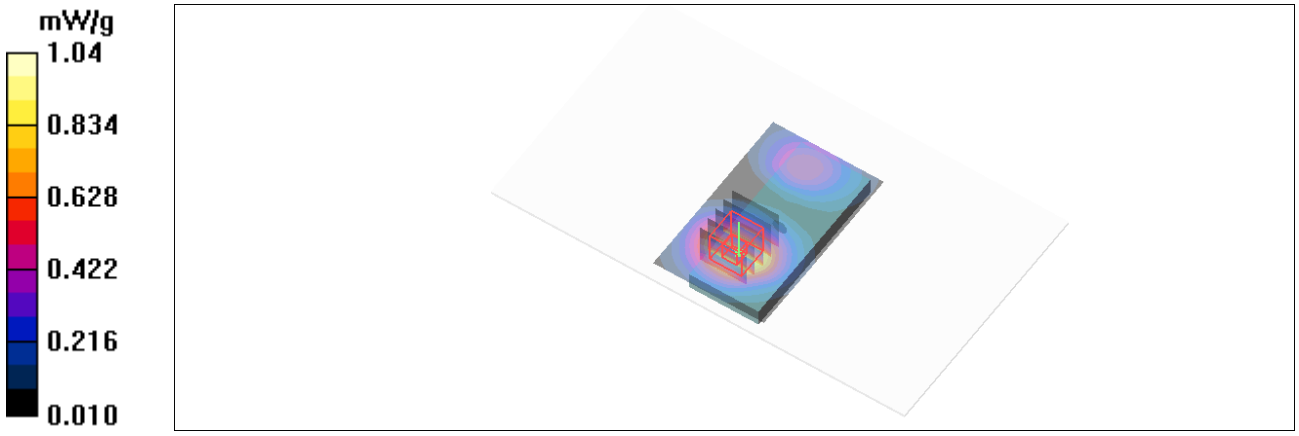
Communication System: PCS 1900; Frequency: 1850.2 MHz;Duty Cycle: 1:8.3
Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.5 mho/m; ε_r = 54.8; ρ = 1000 kg/m^3
Phantom section: Center Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ES3DV3 - SN3090; ConvF(4.48, 4.48, 4.48); Calibrated: 2018-4-3
- 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 (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.04 mW/g

Test/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.91 V/m; Power Drift = 0.000 dB
Peak SAR (extrapolated) = 1.33 W/kg
SAR(1 g) = 0.834 mW/g; SAR(10 g) = 0.515 mW/g
Maximum value of SAR (measured) = 0.972 mW/g



Date: 2018-11-15

Test Laboratory: UnionTrust

P06_WCDMA V_RMC12.2K_Front Face_1.5CM_4233

Communication System: WCDMA Band V; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 847 MHz; σ = 0.99 mho/m; ε_r = 55.5; ρ = 1000 kg/m^3
Phantom section: Center Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ES3DV3 - SN3090; ConvF(6.41, 6.41, 6.41); Calibrated: 2018-4-3
- 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 (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.648 mW/g

Test/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.1 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.815 W/kg
SAR(1 g) = 0.578 mW/g; SAR(10 g) = 0.401 mW/g
Maximum value of SAR (measured) = 0.659 mW/g