Appendix B

Detailed Test Results

1. GSM
GSM850 for Head& Body
GSM1900 for Head& Body
2. WCDMA
WCDMA Band II for Head& Body
WCDMA Band V for Head& Body
3.WIFI
WIFI 2.4GHz for Head& Body

Date: 2025/3/29

.

Test Laboratory: LCS-SAR Lab

GSM 850 251CH Right Cheek

DUT: WCDMA digital mobile phone ; Type: S23 Pro; Serial: A250311057-1

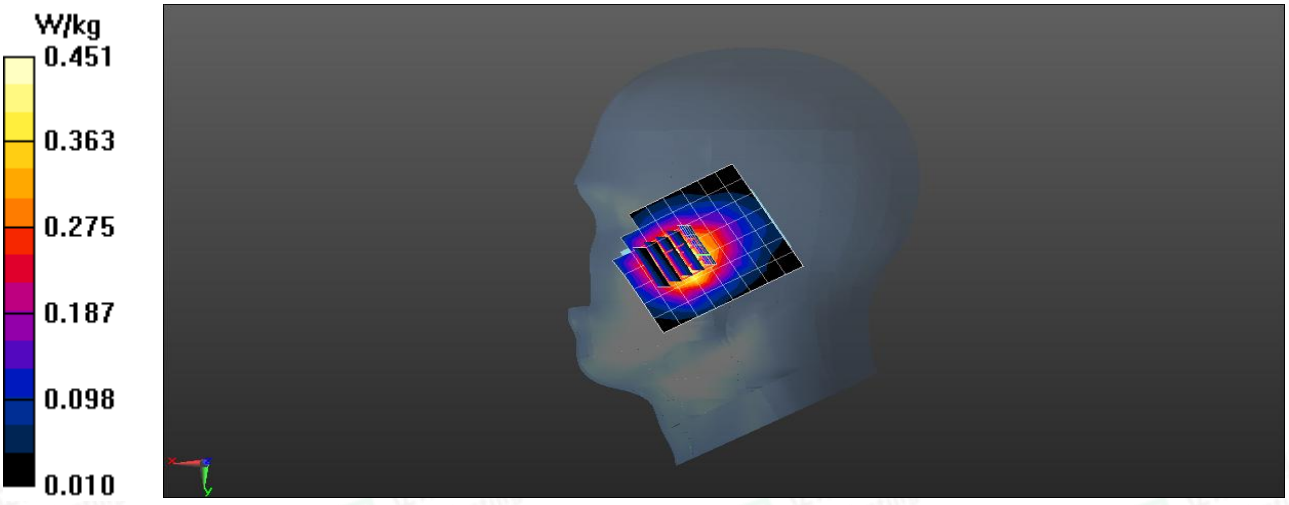
Communication System: UID 0, GSM (0); Frequency: 848.8 MHz;Duty Cycle: 1: 8.3
Medium parameters used: f = 848.8 MHz; σ = 0.904 S/m; ε_r = 41.562; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(9.08, 9.08, 9.08); Calibrated: 2025/2/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2025/2/17
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.463 W/kg

Configuration/Head /Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.143 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.451 W/kg
SAR(1 g) = 0.216 W/kg; SAR(10 g) = 0.124 W/kg
Maximum value of SAR (measured) = 0.451 W/kg



Date: 2025/3/29

Test Laboratory: LCS-SAR Lab

GSM 850 GPRS 3TX 128CH Rear side 10mm

DUT: WCDMA digital mobile phone ; Type: S23 Pro; Serial: A250311057-1

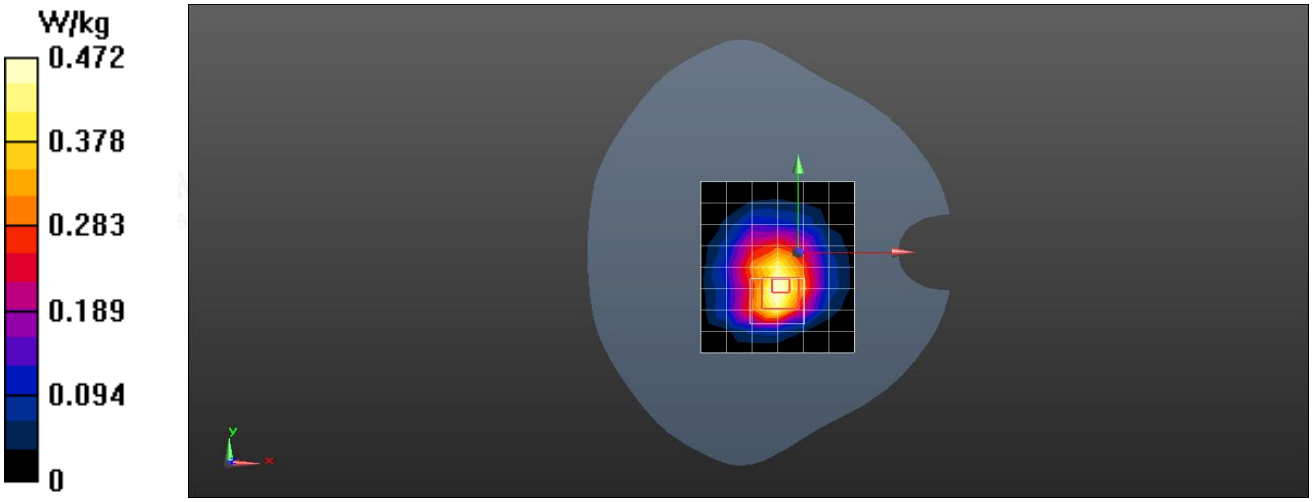
Communication System: UID 0, GSM (0); Frequency: 824.2 MHz;Duty Cycle: 1: 2.77
Medium parameters used: f = 824.2 MHz; σ = 0.916 S/m; εr = 41.904; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(9.08, 9.08, 9.08); Calibrated: 2025/2/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2025/2/17
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/ Body /Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.483 W/kg

Configuration/ Body /Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.57 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 0.586W/kg
SAR(1 g) = 0.265W/kg; SAR(10 g) = 0.147 W/kg
Maximum value of SAR (measured) = 0.472W/kg



Date: 2025/3/30

Test Laboratory: LCS-SAR Lab

GSM 1900 810CH Right Cheek

DUT: WCDMA digital mobile phone ; Type: S23 Pro; Serial: A250311057-1

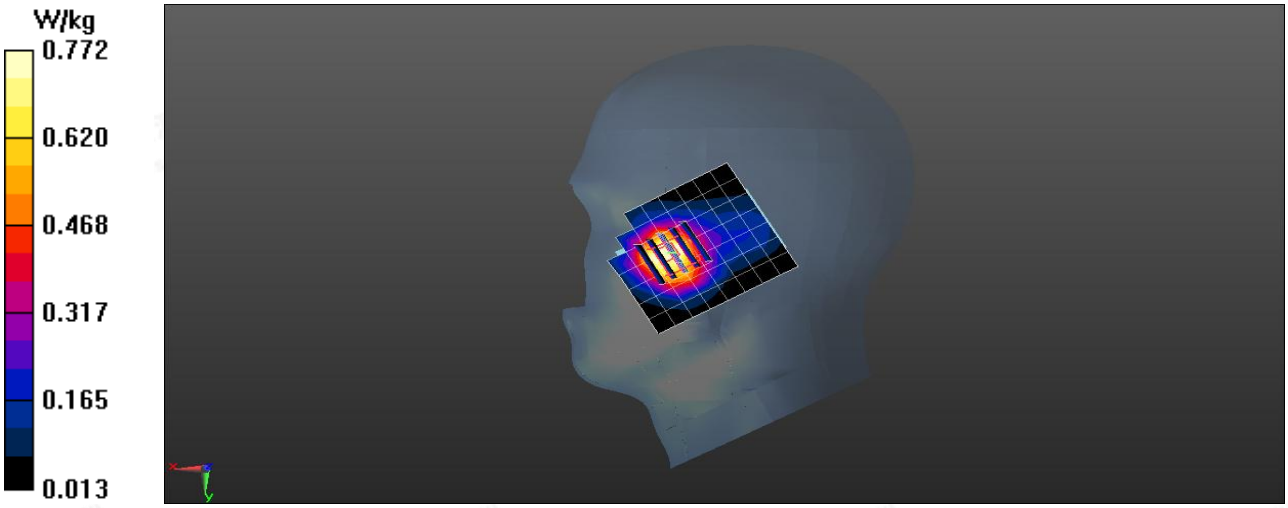
Communication System: UID 0, GSM (0); Frequency: 1909.8 MHz;Duty Cycle: 1: 8.3
Medium parameters used: f = 1909.8 MHz; σ = 1.413 S/m; ε_r = 40.392; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(7.80, 7.80, 7.80); Calibrated: 2025/2/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2025/2/17
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head /Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.793 W/kg

Configuration/Head /Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.534V/m; Power Drift =0.02 dB
Peak SAR (extrapolated) = 0.576 W/kg
SAR(1 g) = 0.579 W/kg; SAR(10 g) = 0.284 W/kg
Maximum value of SAR (measured) = 0.772 W/kg



Date: 2025/3/30

Test Laboratory: LCS-SAR Lab

GSM 1900 GPRS 3TX 661CH Rear side 10mm

DUT: WCDMA digital mobile phone ; Type: S23 Pro; Serial: A250311057-1

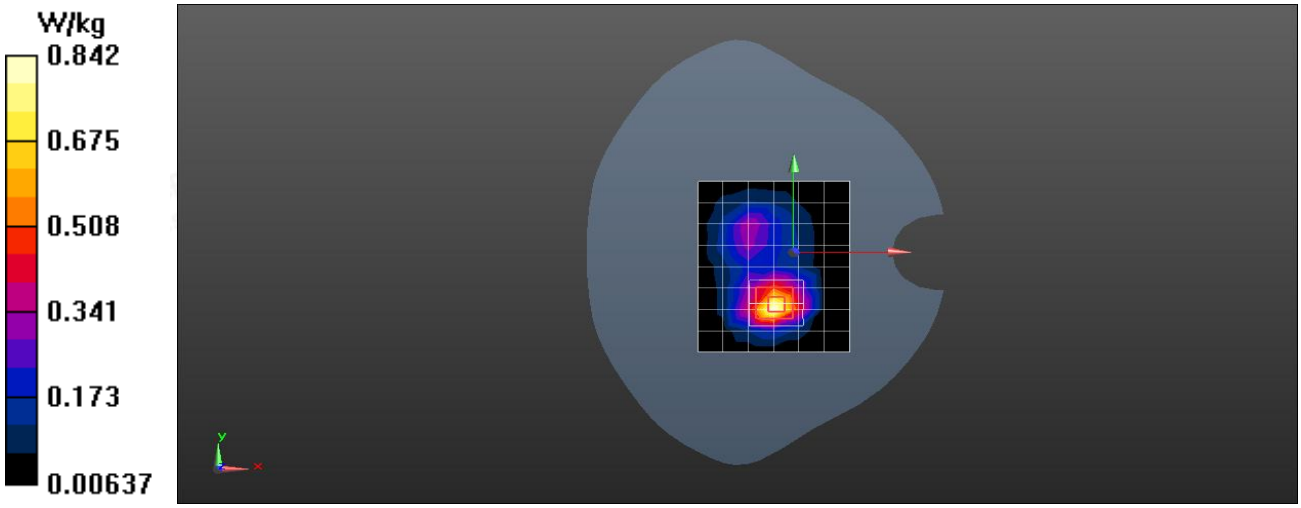
Communication System: UID 0, GSM (0); Frequency: 1909.8MHz;Duty Cycle: 1: 2.77
Medium parameters used: f = 1909.8 MHz; σ = 1.413 S/m; ε_r = 40.392; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(7.80, 7.80, 7.80); Calibrated: 2025/2/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2025/2/17
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/ Body /Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.857 W/kg

Configuration/ Body /Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.64 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.415 W/kg
SAR(1 g) = 0.651 W/kg; SAR(10 g) = 0.337 W/kg
Maximum value of SAR (measured) = 0.842 W/kg



Date: 2025/3/30

Test Laboratory: LCS-SAR Lab

WCDMA II RMC 9262CH Right Cheek

DUT: WCDMA digital mobile phone ; Type: S23 Pro; Serial: A250311057-1

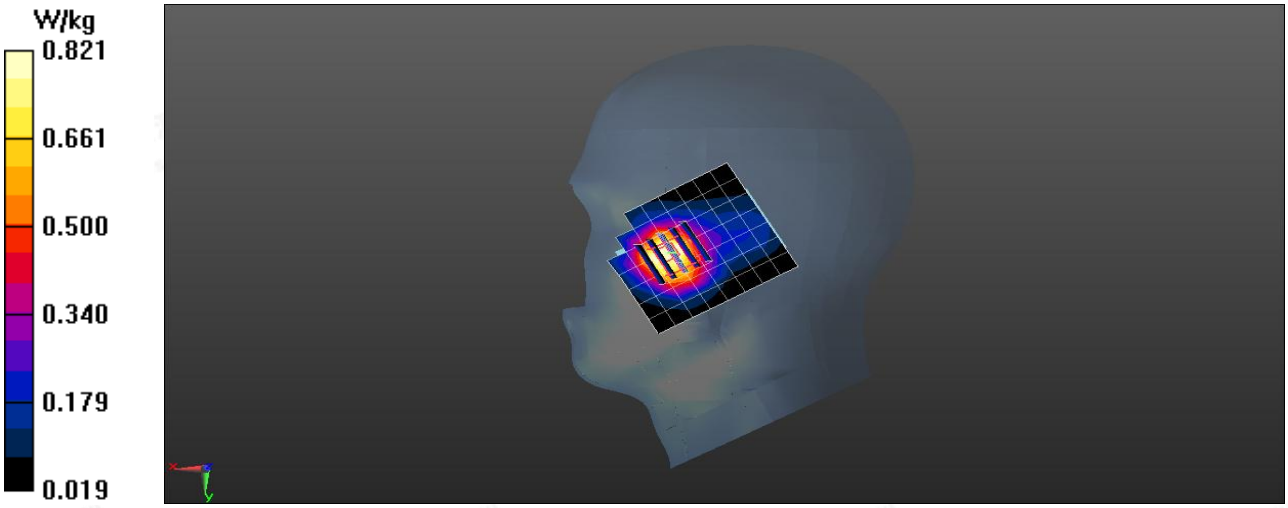
Communication System: UID 0, WCDMA (0); Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1852.4 MHz; σ = 1.417 S/m; ε_r = 40.379; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(7.80, 7.80, 7.80); Calibrated: 2025/2/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2025/2/17
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head /Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.816 W/kg

Configuration/Head /Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.62 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.602 W/kg
SAR(1 g) = 0.623 W/kg; SAR(10 g) = 0.317 W/kg
Maximum value of SAR (measured) = 0.821 W/kg



Date: 2025/3/30

Test Laboratory: LCS-SAR Lab

WCDMA II RMC 9262CH Rear side 10mm

DUT: WCDMA digital mobile phone ; Type: S23 Pro; Serial: A250311057-1

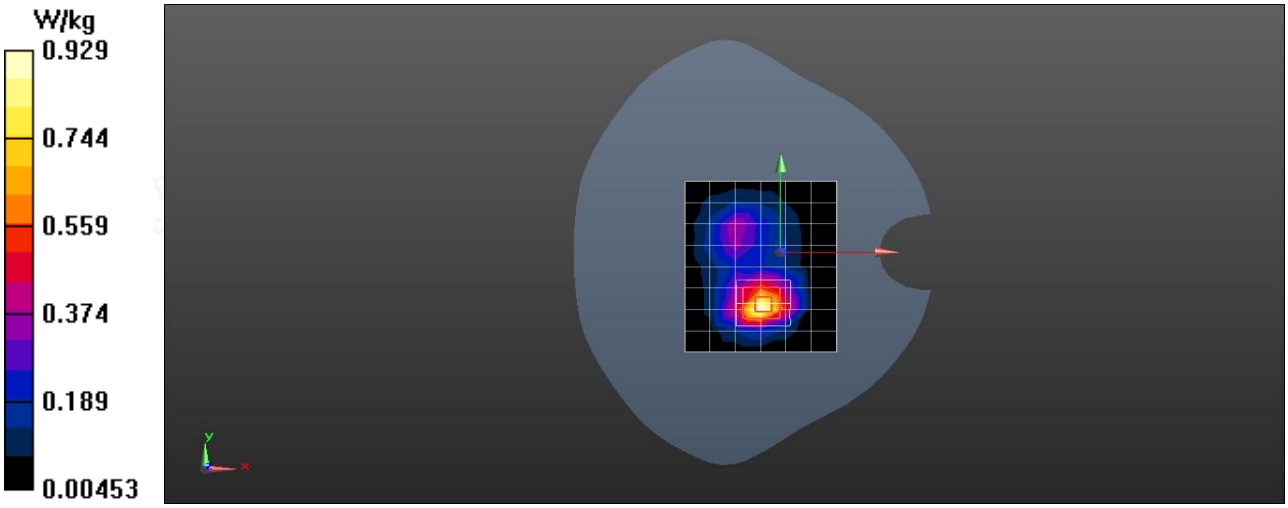
Communication System: UID 0, WCDMA (0); Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1852.4 MHz; σ = 1.417 S/m; ε_r = 40.379; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(7.80, 7.80, 7.80); Calibrated: 2025/2/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2025/2/17
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/ Body /Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.934W/kg

Configuration/ Body /Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.01V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.474 W/kg
SAR(1 g) = 0.692 W/kg; SAR(10 g) = 0.361 W/kg
Maximum value of SAR (measured) = 0.929 W/kg



Date: 2025/3/29

Test Laboratory: LCS-SAR Lab

WCDMA V RMC 4182CH Right Cheek

DUT: WCDMA digital mobile phone ; Type: S23 Pro; Serial: A250311057-1

Communication System: UID 0, WCDMA (0); Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.923 S/m; ε_r = 41.961; ρ = 1000 kg/m^3
Phantom section: Right Section

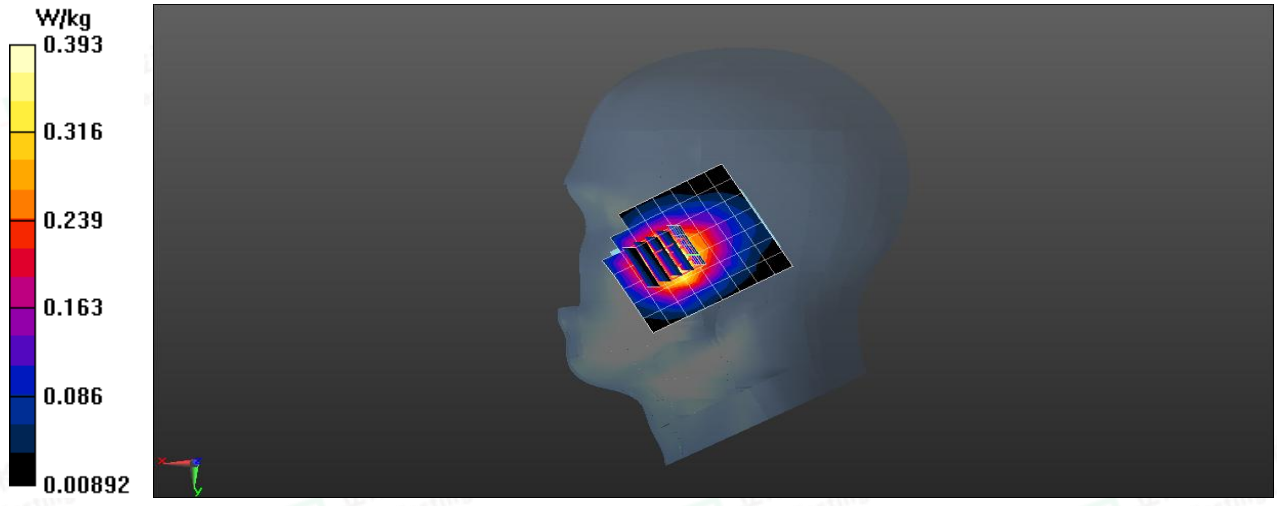
DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(9.08, 9.08, 9.08); Calibrated: 2025/2/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2025/2/17
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head /Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.384 W/kg

Configuration/Head /Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.286 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.495 W/kg
SAR(1 g) = 0.257 W/kg; SAR(10 g) = 0.164 W/kg
Maximum value of SAR (measured) = 0.393 W/kg



Date: 2025/3/29

Test Laboratory: LCS-SAR Lab

WCDMA V RMC 4182CH Rear side 10mm

DUT: WCDMA digital mobile phone ; Type: S23 Pro; Serial: A250311057-1

Communication System: UID 0, WCDMA (0); Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.923 S/m; ε_r = 41.961; ρ = 1000 kg/m^3
Phantom section: Flat Section

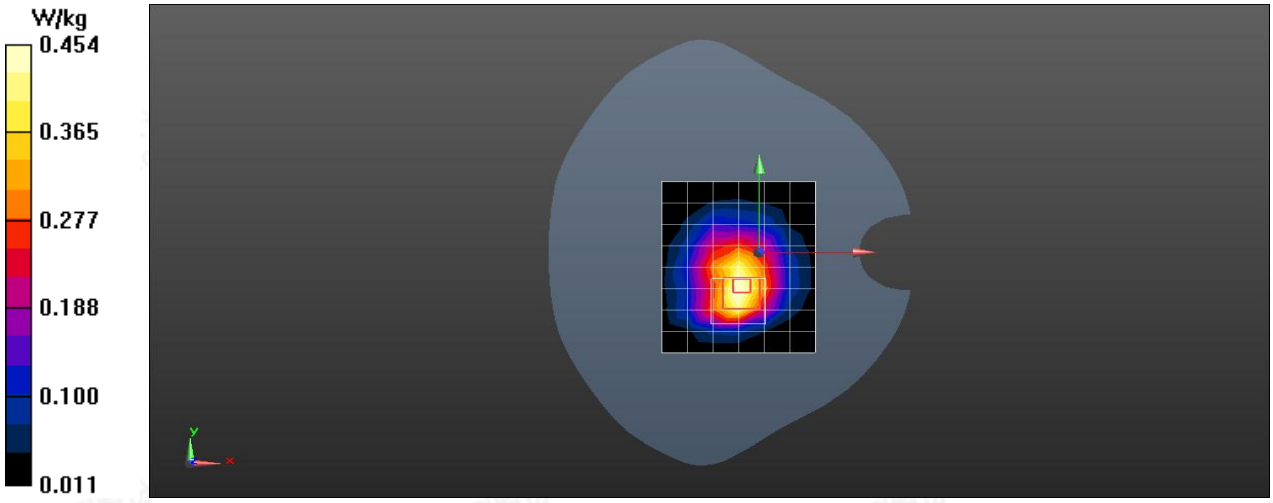
DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(9.08, 9.08, 9.08); Calibrated: 2025/2/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2025/2/17
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/ Body /Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.484 W/kg

Configuration/ Body /Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.81 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.619 W/kg
SAR(1 g) = 0.278 W/kg; SAR(10 g) = 0.161 W/kg
Maximum value of SAR (measured) = 0.454 W/kg



Date: 2025/3/31

Test Laboratory: LCS-SAR Lab

WIFI 2.4G 802.11b 1CH Right Cheek

DUT: WCDMA digital mobile phone ; Type: S23 Pro; Serial: A250311057-1

Communication System: UID 0, WIFI 2.4GHz (0); Frequency:2412 MHz;Duty Cycle: 1:1.008
Medium parameters used (extrapolated): f = 2412 MHz; σ = 1.774 S/m; ε_r = 39.253; ρ = 1000 kg/m^3
Phantom section: Right Section

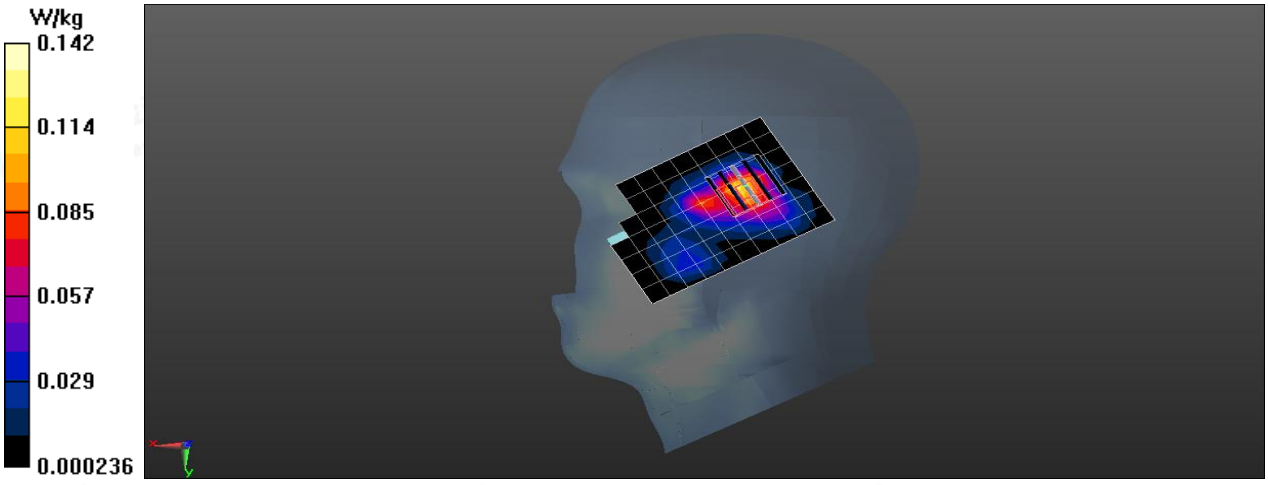
DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(7.43, 7.43, 7.43); Calibrated: 2025/2/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2025/2/17
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (8x11x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.121 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.762 V/m; Power Drift = -0.19 dB
Peak SAR (extrapolated) = 0.190 W/kg
SAR(1 g) = 0.078 W/kg; SAR(10 g) = 0.038 W/kg

Maximum value of SAR (measured) = 0.142 W/kg



Date: 2025/3/31

Test Laboratory: LCS-SAR Lab

WIFI 2.4G 802.11b 1CH Rear side 10mm

DUT: WCDMA digital mobile phone ; Type: S23 Pro; Serial: A250311057-1

Communication System: UID 0,WIFI 2.4GHz (0); Frequency: 2412 MHz;Duty Cycle: 1:1
Medium parameters used (extrapolated): f = 2412 MHz; σ = 1.774 S/m; ε_r = 39.253; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(7.43, 7.43, 7.43); Calibrated: 2025/2/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2025/2/17
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (8x13x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.155 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.269 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.206 W/kg
SAR(1 g) = 0.095 W/kg; SAR(10 g) = 0.052 W/kg
Maximum value of SAR (measured) = 0.148 W/kg