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 IV for Head& Body
WCDMA Band V for Head& Body
3. WIFI
WIFI2.4G for Head& Body

Date: 2024/12/11

Test Laboratory: LCS-SAR Lab

GSM 850 190CH Left Cheek

DUT: WCDMA digital mobile phone; Type: M16 Pro; Serial: A241211028-1

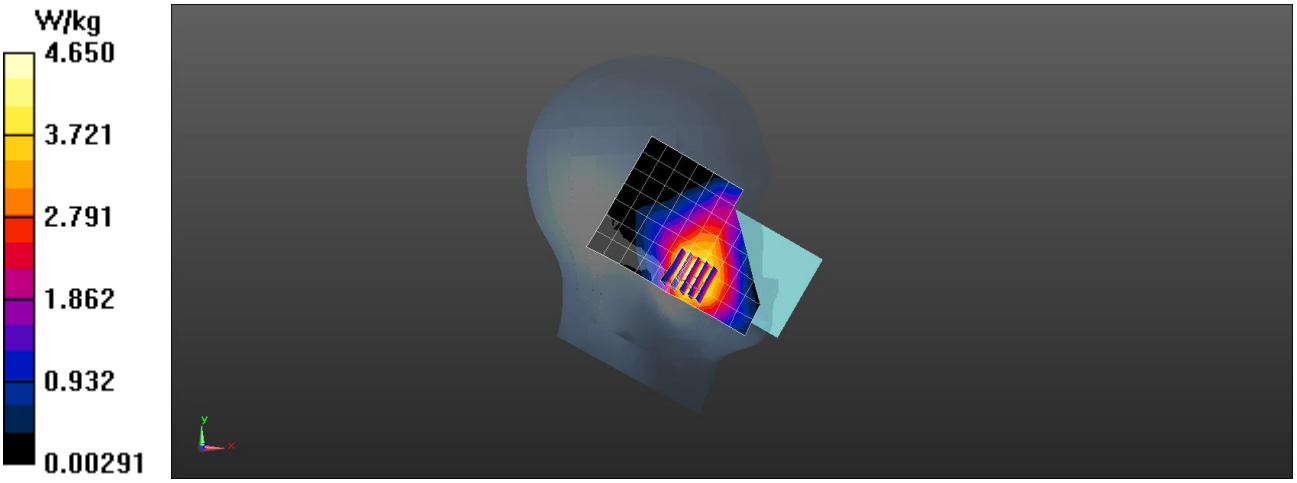
Communication System: UID 0, GSM (0); Frequency: 836.6 MHz;Duty Cycle: 1: 1
Medium parameters used: f = 836.6 MHz; σ = 0.936 S/m; ε_r = 41.854; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(9.26, 9.26, 9.26); Calibrated: 2024/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2024/1/3
- 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) = 4.52 W/kg

Configuration/Head /Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.147 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 7.85 W/kg
SAR(1 g) = 0.243 W/kg; SAR(10 g) = 0.118 W/kg
Maximum value of SAR (measured) = 4.65 W/kg



Date: 2024/12/11

Test Laboratory: LCS-SAR Lab

GSM 850 GPRS 3TX 190CH Rear side 10mm

DUT: WCDMA digital mobile phone; Type: M16 Pro; Serial: A241211028-1

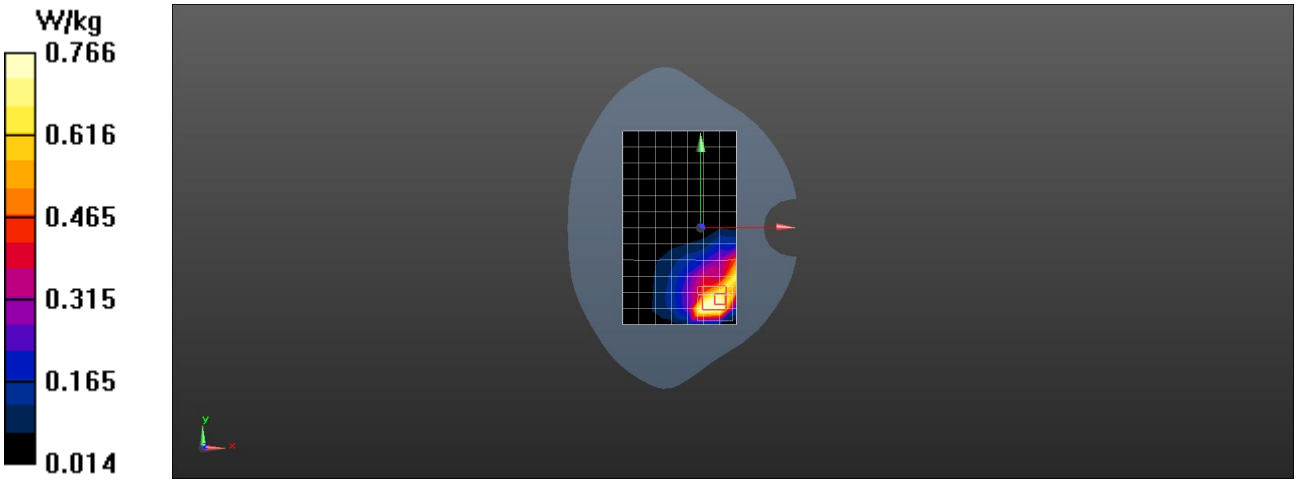
Communication System: UID 0, GSM (0); Frequency: 836.6 MHz;Duty Cycle: 1: 2.77
Medium parameters used: f = 836.6 MHz; σ = 0.936 S/m; ε_r = 41.854; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(9.26, 9.26, 9.26); Calibrated: 2024/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2024/1/3
- 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) = 0.7382 W/kg

Configuration/ Body /Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.58 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 1.12W/kg
SAR(1 g) = 0.363W/kg; SAR(10 g) = 0.252 W/kg
Maximum value of SAR (measured) = 0.766 W/kg



Date: 2024/12/18

Test Laboratory: LCS-SAR Lab

GSM 1900 661CH Left Cheek

DUT: WCDMA digital mobile phone; Type: M16 Pro; Serial: A241211028-1

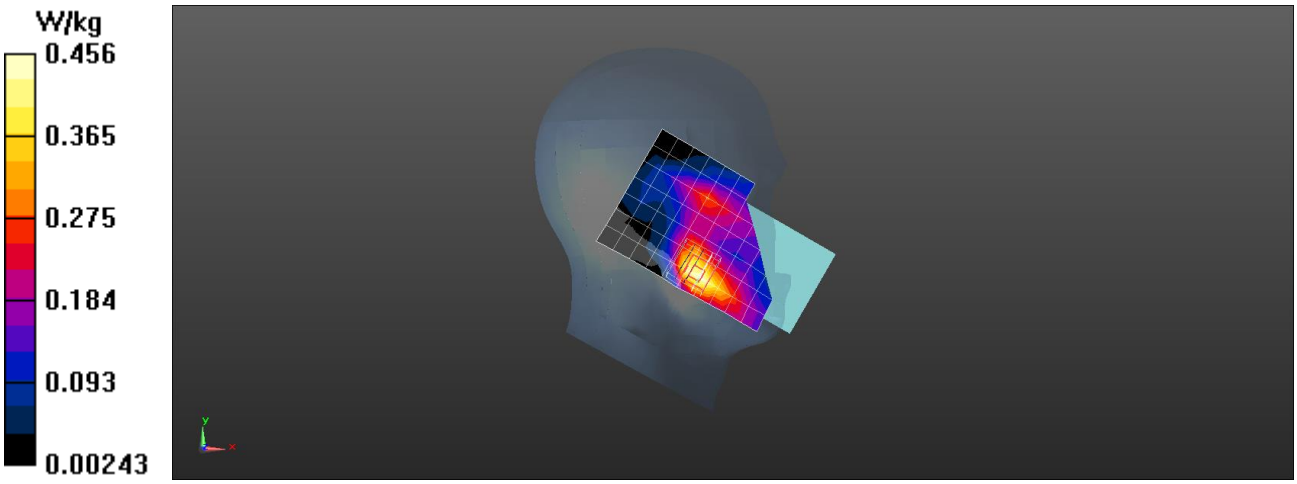
Communication System: UID 0, GSM (0); Frequency: 1880 MHz;Duty Cycle: 1: 1
Medium parameters used: f = 1880 MHz; σ = 1.448 S/m; ε_r = 39.524; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(7.85, 7.85, 7.85); Calibrated: 2024/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2024/1/3
- 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) = 0.428 W/kg

Configuration/Head /Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.652 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.78 W/kg
SAR(1 g) = 0.271 W/kg; SAR(10 g) = 0.136 W/kg
Maximum value of SAR (measured) = 0.456 W/kg



Date: 2024/12/18

Test Laboratory: LCS-SAR Lab

GSM 1900 GPRS 3TX 661CH Rear side 10mm

DUT: WCDMA digital mobile phone; Type: M16 Pro; Serial: A241211028-1

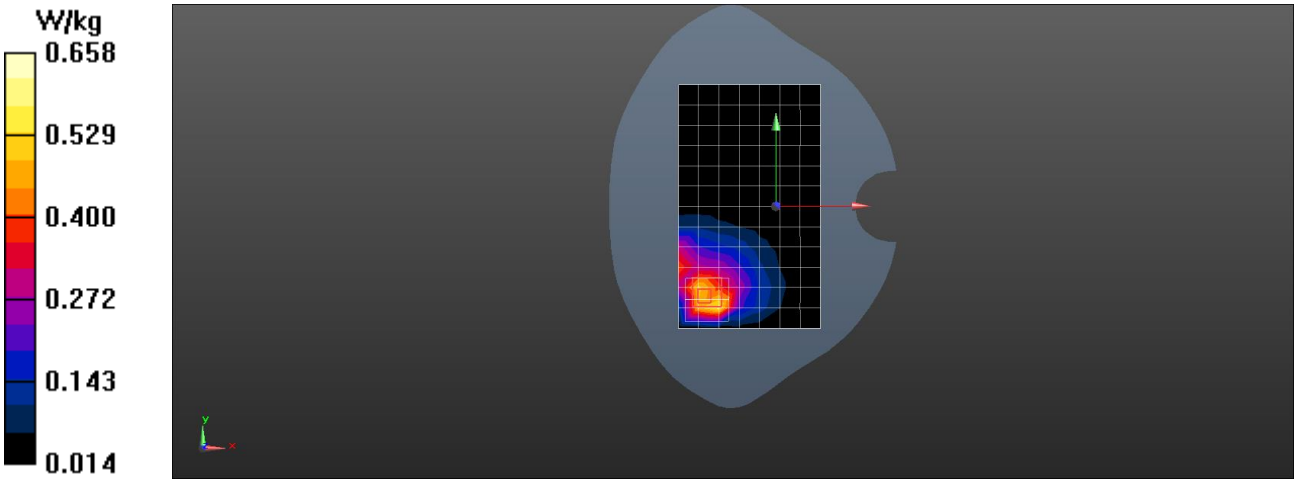
Communication System: UID 0, GSM (0); Frequency: 1880 MHz;Duty Cycle: 1: 2.77
Medium parameters used: f = 1880 MHz; σ = 1.448 S/m; ε_r = 39.524; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(7.85, 7.85, 7.85); Calibrated: 2024/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2024/1/3
- 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) = 0.638 W/kg

Configuration/ Body /Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.415 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.98 W/kg
SAR(1 g) = 0.269 W/kg; SAR(10 g) = 0.118W/kg
Maximum value of SAR (measured) = 0.658 W/kg



Date: 2024/12/18

Test Laboratory: LCS-SAR Lab

WCDMA II RMC 9400CH Left Cheek

DUT: WCDMA digital mobile phone; Type: M16 Pro; Serial: A241211028-1

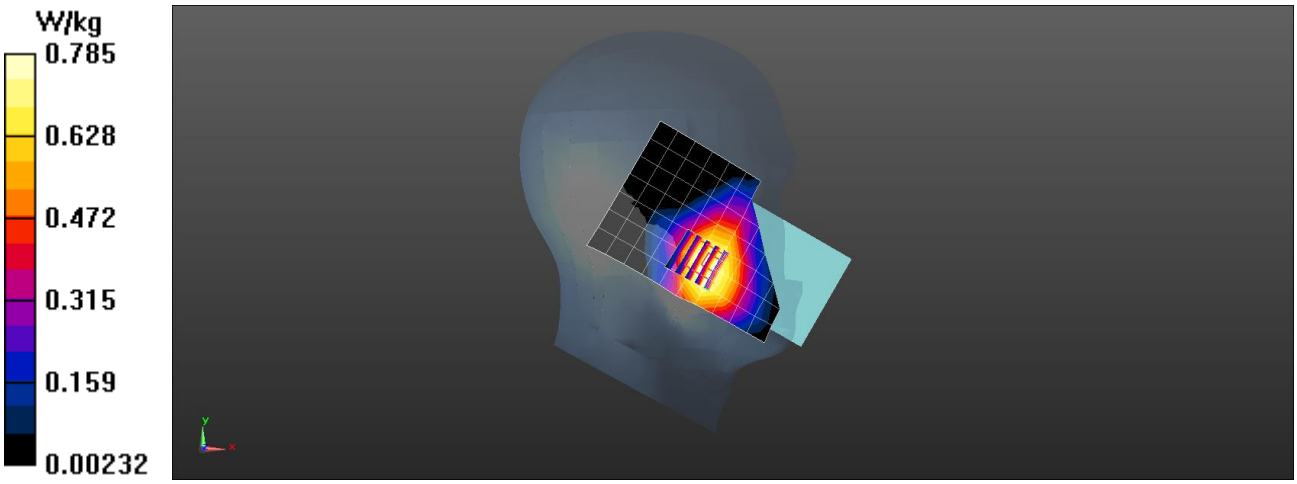
Communication System: UID 0, WCDMA (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.448 S/m; ε_r = 39.524; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(7.85, 7.85, 7.85); Calibrated: 2024/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2024/1/3
- 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) = 0.766 W/kg

Configuration/Head /Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.524 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 1.52 W/kg
SAR(1 g) = 0.407 W/kg; SAR(10 g) = 0.305 W/kg
Maximum value of SAR (measured) = 0.785 W/kg



Date: 2024/12/18

Test Laboratory: LCS-SAR Lab

WCDMA II RMC 9400CH Rear side 10mm

DUT: WCDMA digital mobile phone; Type: M16 Pro; Serial: A241211028-1

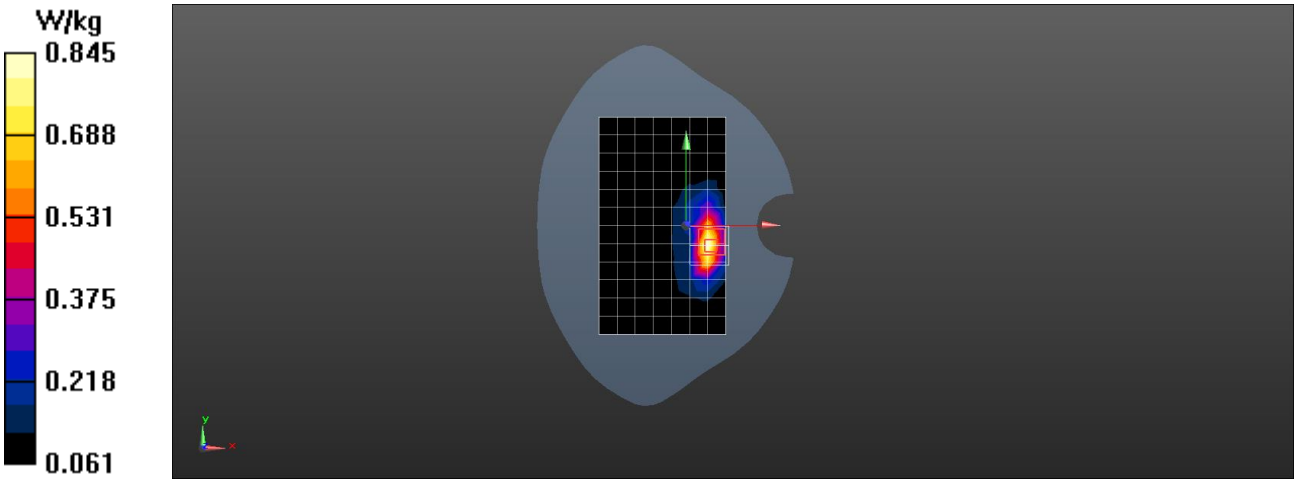
Communication System: UID 0, WCDMA (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.448 S/m; ε_r = 39.524; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(7.85, 7.85, 7.85); Calibrated: 2024/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2024/1/3
- 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) = 0.833 W/kg

Configuration/ Body /Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.854 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 1.45 W/kg
SAR(1 g) = 0.416 W/kg; SAR(10 g) = 0.299 W/kg
Maximum value of SAR (measured) = 0.845 W/kg



Date: 2024/12/16

Test Laboratory: LCS-SAR Lab

WCDMA IV RMC 1413CH Left Cheek

DUT: WCDMA digital mobile phone; Type: M16 Pro; Serial: A241211028-1

Communication System: UID 0, WCDMA (0); Frequency: 1732.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1732.6 MHz; σ = 1.332 S/m; ε_r = 41.452; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY Configuration:

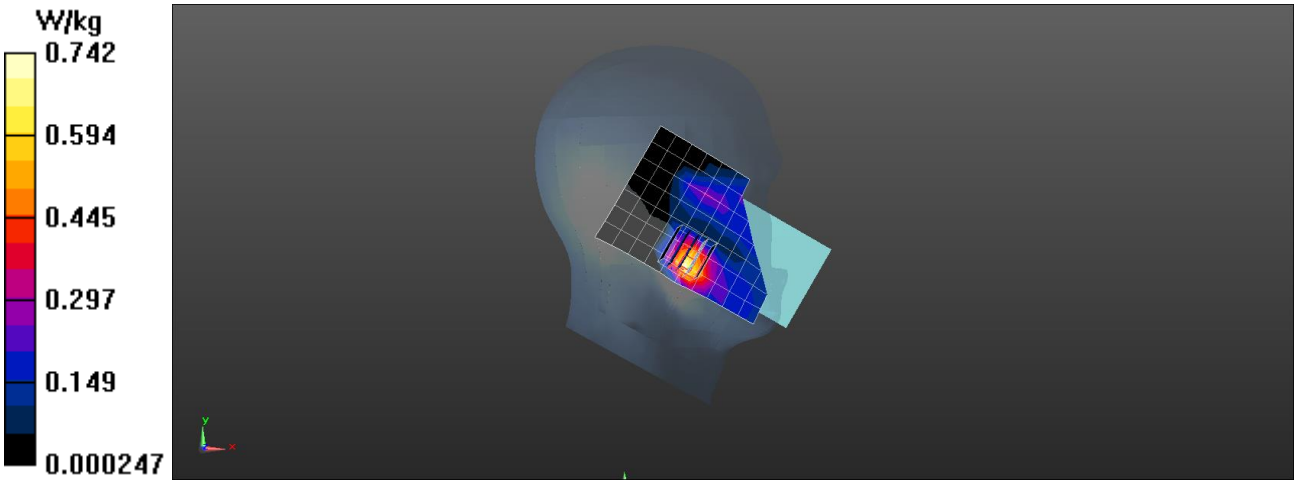
- Probe: EX3DV4 - SN3805; ConvF(8.16, 8.16, 8.16); Calibrated: 2024/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2024/1/3
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

Maximum value of SAR (measured) = 0.731 W/kg

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

Reference Value = 7.114 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 1.36 W/kg
SAR(1 g) = 0.366 W/kg; SAR(10 g) = 0.174 W/kg
Maximum value of SAR (measured) = 0.742 W/kg



Date: 2024/12/16

Test Laboratory: LCS-SAR Lab

WCDMA IV RMC 1413CH Rear side 10mm

DUT: WCDMA digital mobile phone; Type: M16 Pro; Serial: A241211028-1

Communication System: UID 0, WCDMA (0); Frequency: 1732.6 MHz;Duty Cycle: 1:1
Medium parameters used : f = 1732.6 MHz; σ = 1.332 S/m; ε_r = 41.452; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

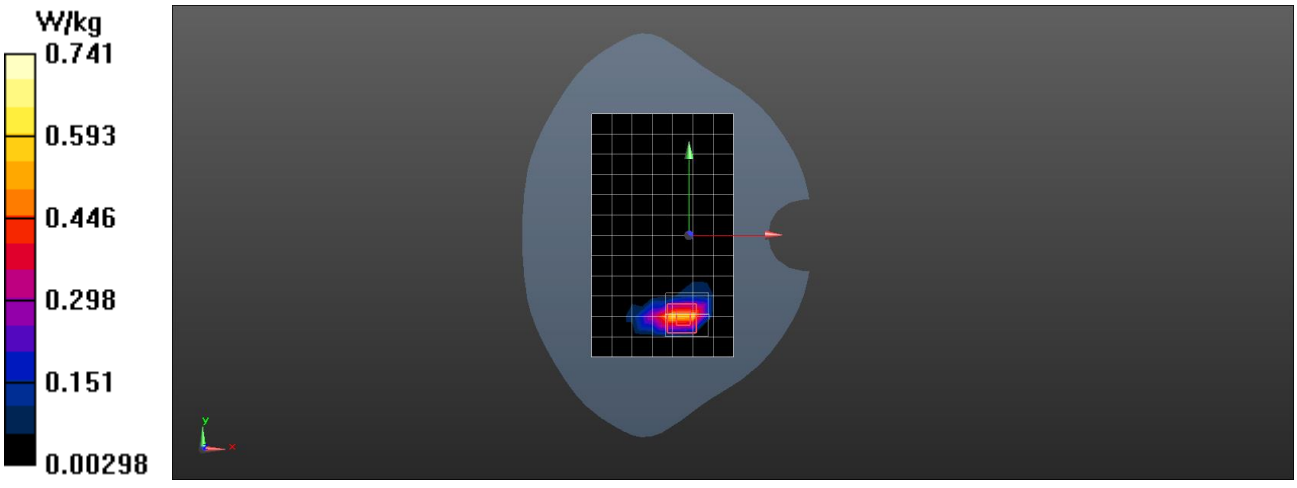
- Probe: EX3DV4 - SN3805; ConvF(8.16, 8.16, 8.16); Calibrated: 2024/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2024/1/3
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

Maximum value of SAR (measured) = 0.735 W/kg

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

Reference Value = 9.997 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 1.11 W/kg
SAR(1 g) = 0.352 W/kg; SAR(10 g) = 0.187 W/kg
Maximum value of SAR (measured) = 0.741 W/kg



Date: 2024/12/11

Test Laboratory: LCS-SAR Lab

WCDMA V RMC 4132CH Right Cheek

DUT: WCDMA digital mobile phone; Type: M16 Pro; Serial: A241211028-1

Communication System: UID 0, WCDMA (0); Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium parameters used: f = 826.4 MHz; σ = 0.946 S/m; ε_r = 43.222; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY Configuration:

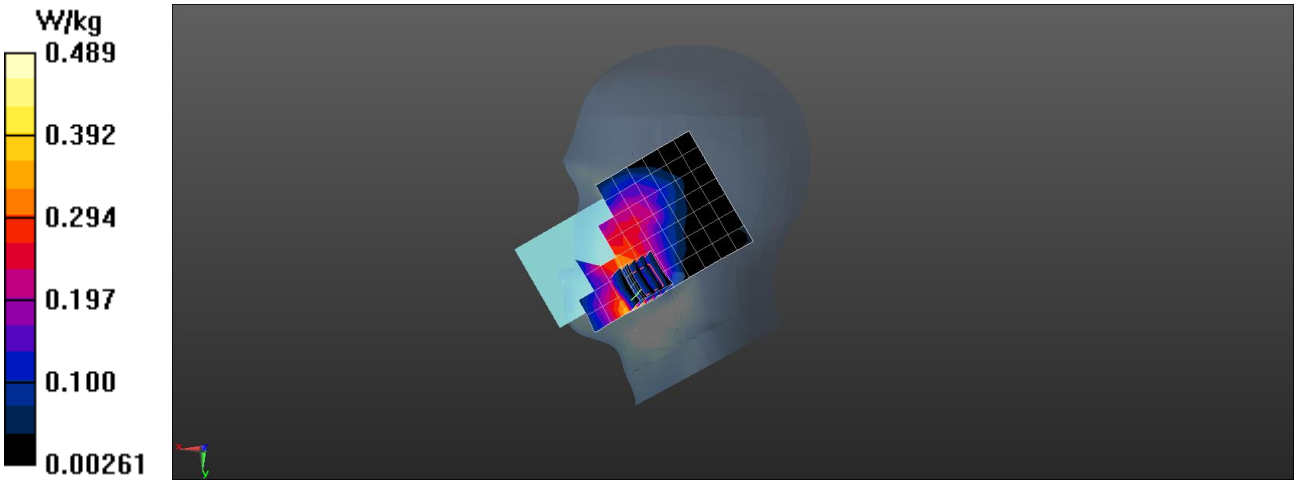
- Probe: EX3DV4 - SN3805; ConvF(9.26, 9.26, 9.26); Calibrated: 2024/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2024/1/3
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

Maximum value of SAR (measured) = 0.477 W/kg

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

Reference Value = 6.112 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.82 W/kg
SAR(1 g) = 0.267 W/kg; SAR(10 g) = 0.135 W/kg
Maximum value of SAR (measured) = 0.489 W/kg



Date: 2024/12/11

Test Laboratory: LCS-SAR Lab

WCDMA V RMC 4132CH Rear side 10mm

DUT: WCDMA digital mobile phone; Type: M16 Pro; Serial: A241211028-1

Communication System: UID 0, WCDMA (0); Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium parameters used f = 826.4 MHz; σ = 0.946 S/m; ε_r = 43.222; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

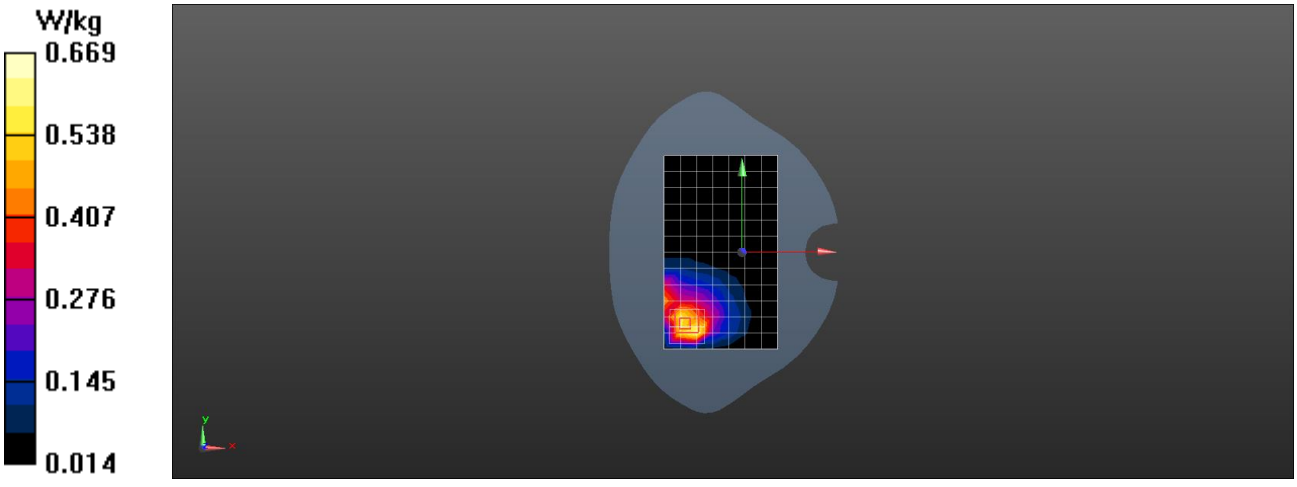
- Probe: EX3DV4 - SN3805; ConvF(9.26, 9.26, 9.26); Calibrated: 2024/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2024/1/3
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

Maximum value of SAR (measured) = 0.648 W/kg

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

Reference Value = 13.65 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 1.00 W/kg
SAR(1 g) = 0.301 W/kg; SAR(10 g) = 0.244W/kg
Maximum value of SAR (measured) = 0.669 W/kg



Date: 2024/12/23

Test Laboratory: LCS-SAR Lab

WIFI2.4G 802.11b 6CH Left Cheek

DUT: WCDMA digital mobile phone; Type: M16 Pro; Serial: A241211028-1

Communication System: UID 0, WIFI (0); Frequency: 2437 MHz;Duty Cycle: 1:1.009
Medium parameters used: f = 2437 MHz; σ = 1.814 S/m; ε_r = 39.842; ρ = 1000 kg/m^3
Phantom section: Left Section

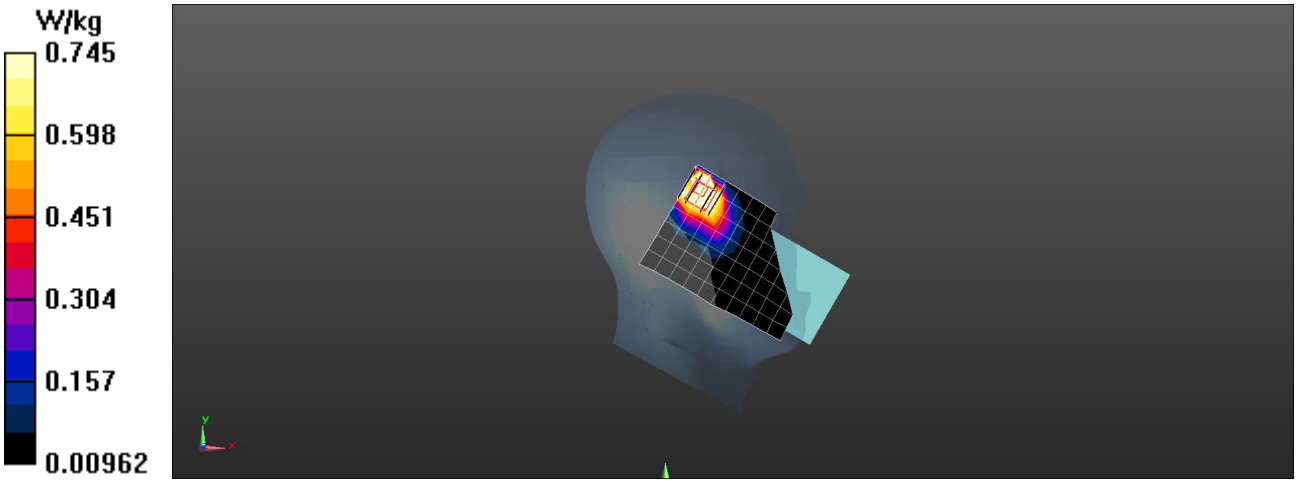
DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(7.42 7.42, 7.42); Calibrated: 2024/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2024/1/3
- 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) = 0.729 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.334 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 1.25 W/kg
SAR(1 g) = 0.361 W/kg; SAR(10 g) = 0.158 W/kg

Maximum value of SAR (measured) = 0.745 W/kg



Date: 2024/12/23

Test Laboratory: LCS-SAR Lab

WIFI2.4G 802.11b 6CH Rear side 10mm

DUT: WCDMA digital mobile phone; Type: M16 Pro; Serial: A241211028-1

Communication System: UID 0, WIFI (0); Frequency: 2437 MHz;Duty Cycle: 1:1.009
Medium parameters used: f = 2437 MHz; σ = 1.814 S/m; ε_r = 39.842; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(7.42 7.42, 7.42); Calibrated: 2024/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2024/1/3
- 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) = 0.574 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 0.884 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.83 W/kg
SAR(1 g) = 0.265 W/kg; SAR(10 g) = 0.198 W/kg
Maximum value of SAR (measured) = 0.585 W/kg