



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



Test Laboratory: LCS-SAR Lab

GSM850 GSM 190CH Right cheek**DUT: WCDMA digital mobile phone; Type: XS15; Serial: A10103160-1**

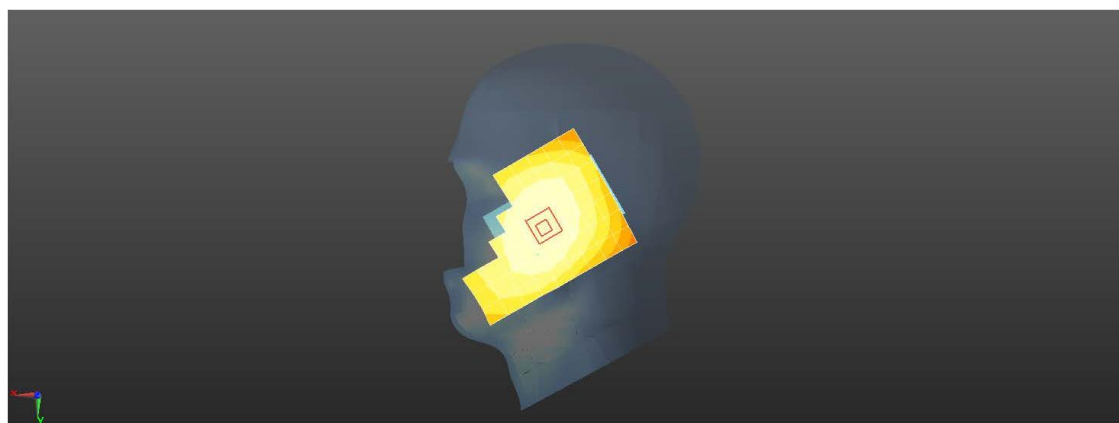
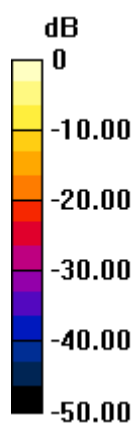
Communication System: UID 0, GSM Only Communication System (0); Frequency: 836.6 MHz; Duty Cycle: 1:8.3

Medium parameters used: $f = 837 \text{ MHz}$; $\sigma = 0.888 \text{ S/m}$; $\epsilon_r = 40.886$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(9.62, 9.62, 9.62); Calibrated: 2023/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection),
- Electronics: DAE3 Sn419; Calibrated: 2023/6/20
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (8x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$ Maximum value of SAR (measured) = 0.322 W/kg **Configuration/Head/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 5.980 V/m ; Power Drift = -0.04 dB Peak SAR (extrapolated) = 0.358 W/kg **SAR(1 g) = 0.276 W/kg ; SAR(10 g) = 0.208 W/kg** Maximum value of SAR (measured) = 0.319 W/kg  $0 \text{ dB} = 0.322 \text{ W/kg} = -4.92 \text{ dBW/kg}$ 

Test Laboratory: LCS-SAR Lab

GSM850 GPRS 4TS 190CH Rear side 5mm

DUT: WCDMA digital mobile phone; Type: XS15; Serial: A10103160-1

Communication System: UID 0, GPRS/EGPRS Mode(4up) Communication System (0); Frequency: 836.6 MHz; Duty Cycle: 1:2.075

Medium parameters used: $f = 837$ MHz; $\sigma = 0.888$ S/m; $\epsilon_r = 40.886$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(9.62, 9.62, 9.62); Calibrated: 2023/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection),
- Electronics: DAE3 Sn419; Calibrated: 2023/6/20
- 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) = 0.375 W/kg

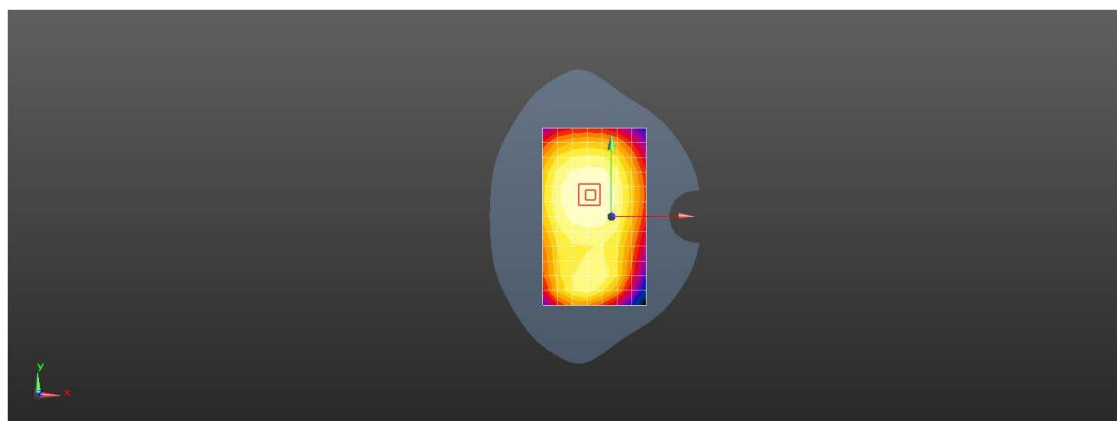
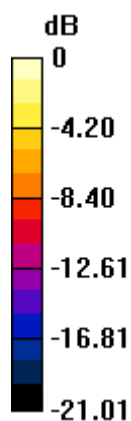
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.96 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.437 W/kg

SAR(1 g) = 0.320 W/kg; SAR(10 g) = 0.233 W/kg

Maximum value of SAR (measured) = 0.382 W/kg



0 dB = 0.375 W/kg = -4.26 dBW/kg



Test Laboratory: LCS-SAR Lab

GSM1900 GSM 661CH Right cheek**DUT: WCDMA digital mobile phone; Type: XS15; Serial: A10103160-1**

Communication System: UID 0, GSM Only Communication System (0); Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.387$ S/m; $\epsilon_r = 40.192$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(8.05, 8.05, 8.05); Calibrated: 2023/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection),
- Electronics: DAE3 Sn419; Calibrated: 2023/6/20
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

Maximum value of SAR (measured) = 0.141 W/kg

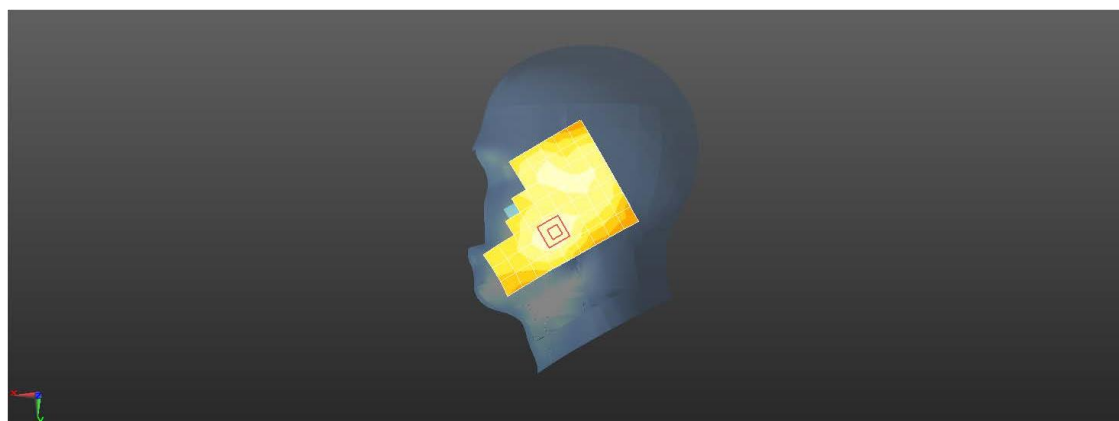
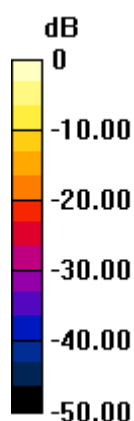
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.037 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.188 W/kg

SAR(1 g) = 0.107 W/kg; SAR(10 g) = 0.058 W/kg

Maximum value of SAR (measured) = 0.144 W/kg



0 dB = 0.141 W/kg = -8.52 dBW/kg



Test Laboratory: LCS-SAR Lab

GSM1900 GPRS 4TS 661CH Rear side 5mm

DUT: WCDMA digital mobile phone; Type: XS15; Serial: A10103160-1

Communication System: UID 0, GPRS/EGPRS Mode(4up) Communication System (0); Frequency: 1880 MHz; Duty Cycle: 1:2.075

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.387$ S/m; $\epsilon_r = 40.192$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(8.05, 8.05, 8.05); Calibrated: 2023/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection),
- Electronics: DAE3 Sn419; Calibrated: 2023/6/20
- 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) = 0.692 W/kg

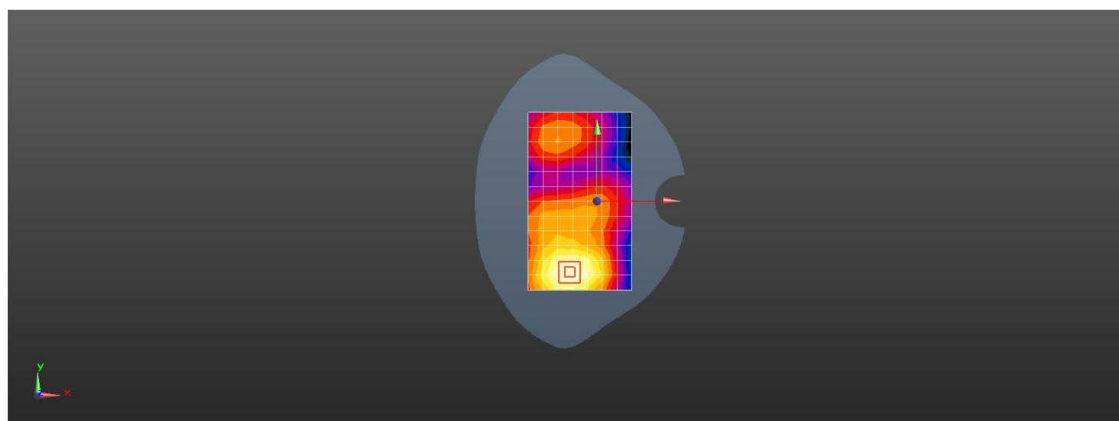
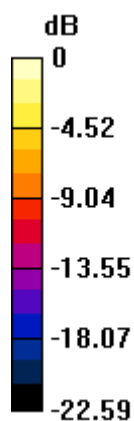
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.797 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.950 W/kg

SAR(1 g) = 0.513 W/kg; SAR(10 g) = 0.285 W/kg

Maximum value of SAR (measured) = 0.720 W/kg



0 dB = 0.692 W/kg = -1.60 dBW/kg



Test Laboratory: LCS-SAR Lab

WCDMA Band II RMC 9400CH Right cheek**DUT: WCDMA digital mobile phone; Type: XS15; Serial: A10103160-1**

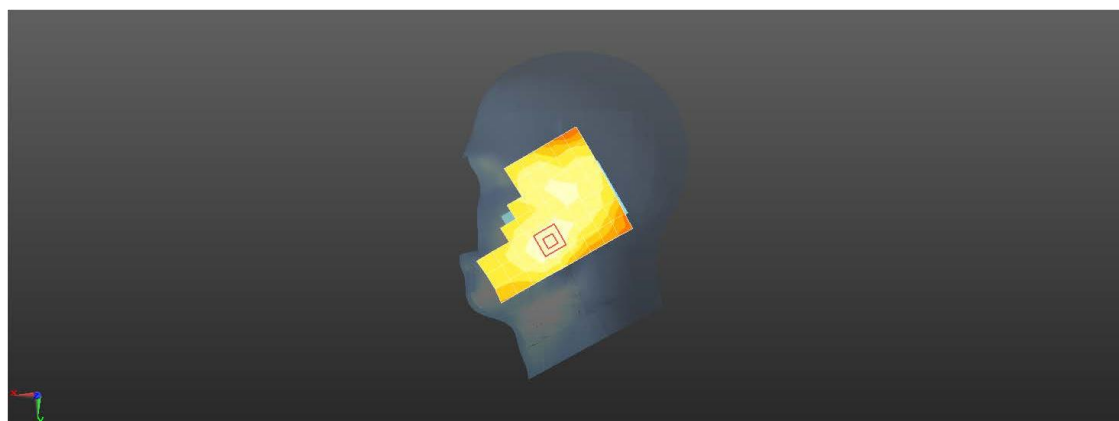
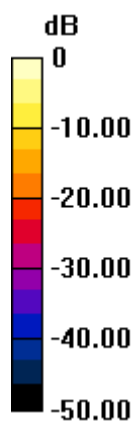
Communication System: UID 0, WCDMA (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.387 \text{ S/m}$; $\epsilon_r = 40.192$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(8.05, 8.05, 8.05); Calibrated: 2023/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection),
- Electronics: DAE3 Sn419; Calibrated: 2023/6/20
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (8x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$ Maximum value of SAR (measured) = 0.248 W/kg **Configuration/Head/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 6.703 V/m ; Power Drift = -0.08 dB Peak SAR (extrapolated) = 0.347 W/kg **SAR(1 g) = 0.192 W/kg ; SAR(10 g) = 0.104 W/kg** Maximum value of SAR (measured) = 0.268 W/kg 0 dB = 0.248 W/kg = -6.06 dBW/kg 

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Scan code to check authenticity

Test Laboratory: LCS-SAR Lab

WCDMA Band II RMC 9400CH Rear side 5mm**DUT: WCDMA digital mobile phone; Type: XS15; Serial: A10103160-1**

Communication System: UID 0, WCDMA (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.387$ S/m; $\epsilon_r = 40.192$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(8.05, 8.05, 8.05); Calibrated: 2023/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection),
- Electronics: DAE3 Sn419; Calibrated: 2023/6/20
- 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) = 0.712 W/kg

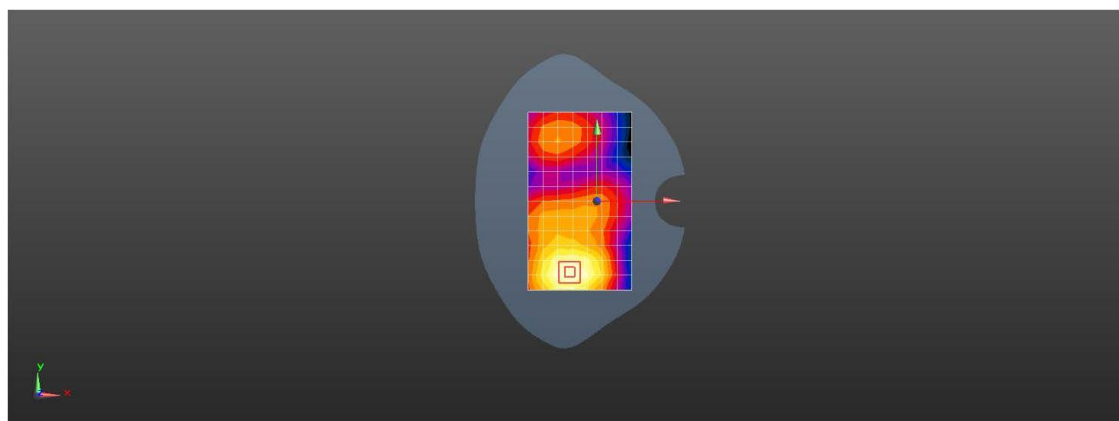
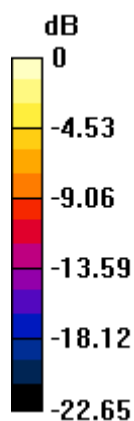
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.297 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.949 W/kg

SAR(1 g) = 0.507 W/kg; SAR(10 g) = 0.281 W/kg

Maximum value of SAR (measured) = 0.717 W/kg



0 dB = 0.712 W/kg = -1.48 dBW/kg



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Scan code to check authenticity

Test Laboratory: LCS-SAR Lab

WCDMA Band V RMC 4182CH Right cheek**DUT: WCDMA digital mobile phone; Type: XS15; Serial: A10103160-1**

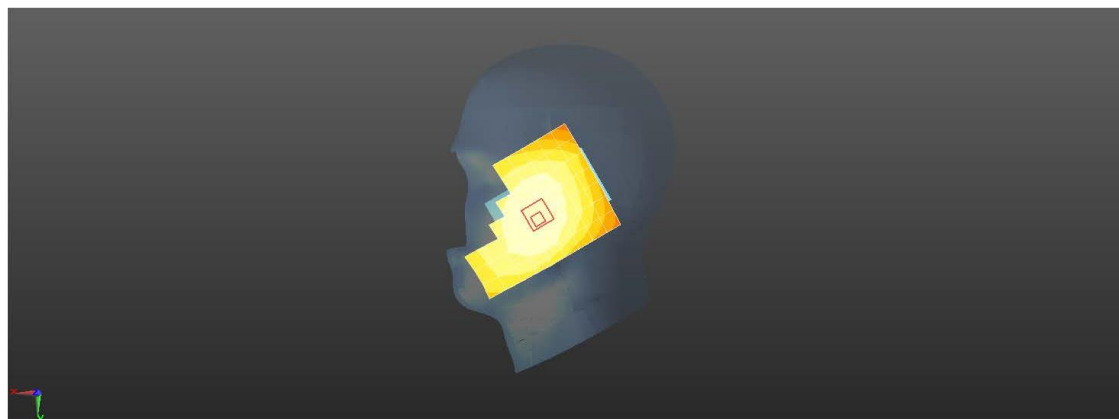
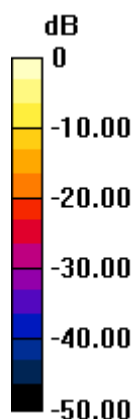
Communication System: UID 0, WCDMA (0); Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 836.4 \text{ MHz}$; $\sigma = 0.89 \text{ S/m}$; $\epsilon_r = 40.902$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(9.62, 9.62, 9.62); Calibrated: 2023/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection),
- Electronics: DAE3 Sn419; Calibrated: 2023/6/20
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (8x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$ Maximum value of SAR (measured) = 0.347 W/kg **Configuration/Head/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 5.592 V/m ; Power Drift = 0.19 dB Peak SAR (extrapolated) = 0.398 W/kg **SAR(1 g) = 0.297 W/kg ; SAR(10 g) = 0.220 W/kg** 0 dB = 0.347 W/kg = -4.60 dBW/kg 

Test Laboratory: LCS-SAR Lab

WCDMA Band V RMC 4182CH Rear side 5mm**DUT: WCDMA digital mobile phone; Type: XS15; Serial: A10103160-1**

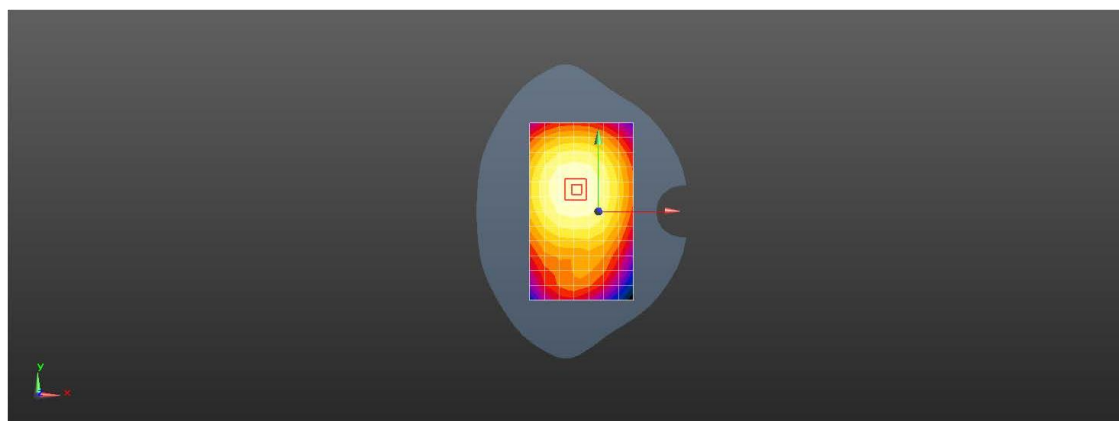
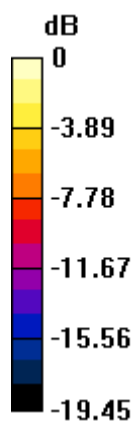
Communication System: UID 0, WCDMA (0); Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 836.4 \text{ MHz}$; $\sigma = 0.89 \text{ S/m}$; $\epsilon_r = 40.902$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(9.62, 9.62, 9.62); Calibrated: 2023/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection),
- Electronics: DAE3 Sn419; Calibrated: 2023/6/20
- 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: $dx=15\text{mm}$, $dy=15\text{mm}$ Maximum value of SAR (measured) = 0.270 W/kg **Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 14.91 V/m ; Power Drift = 0.04 dB Peak SAR (extrapolated) = 0.313 W/kg **SAR(1 g) = 0.227 W/kg ; SAR(10 g) = 0.165 W/kg** Maximum value of SAR (measured) = 0.271 W/kg  $0 \text{ dB} = 0.270 \text{ W/kg} = -5.69 \text{ dBW/kg}$ 

Test Laboratory: LCS-SAR Lab

WIFI 2.4G 802.11b 11CH Left cheek**DUT: WCDMA digital mobile phone; Type: XS15; Serial: A10103160-1**

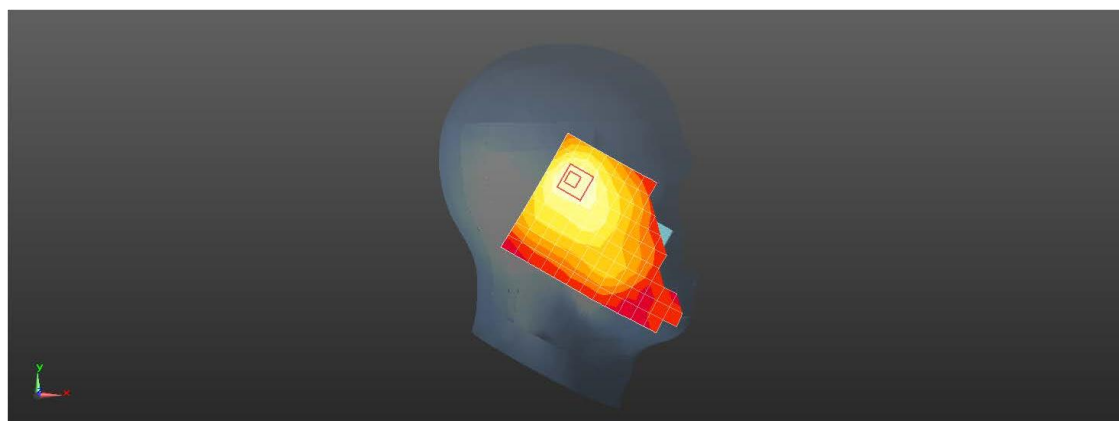
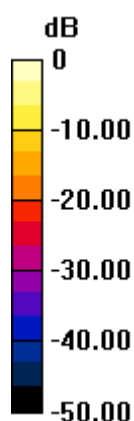
Communication System: UID 0, WI-FI(2.4GHz) (0); Frequency: 2462 MHz; Duty Cycle: 1:1.002

Medium parameters used: $f = 2462 \text{ MHz}$; $\sigma = 1.85 \text{ S/m}$; $\epsilon_r = 39.93$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(7.50, 7.50, 7.50); Calibrated: 2023/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection),
- Electronics: DAE3 Sn419; Calibrated: 2023/6/20
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (10x16x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$ Maximum value of SAR (measured) = 0.675 W/kg **Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$ Reference Value = 10.62 V/m ; Power Drift = 0.07 dB Peak SAR (extrapolated) = 1.36 W/kg **SAR(1 g) = 0.539 W/kg ; SAR(10 g) = 0.244 W/kg** Maximum value of SAR (measured) = 0.851 W/kg  $0 \text{ dB} = 0.675 \text{ W/kg} = -1.71 \text{ dBW/kg}$ 

Test Laboratory: LCS-SAR Lab

WIFI 2.4G 802.11b 11CH Rear side 5mm**DUT: WCDMA digital mobile phone; Type: XS15; Serial: A10103160-1**

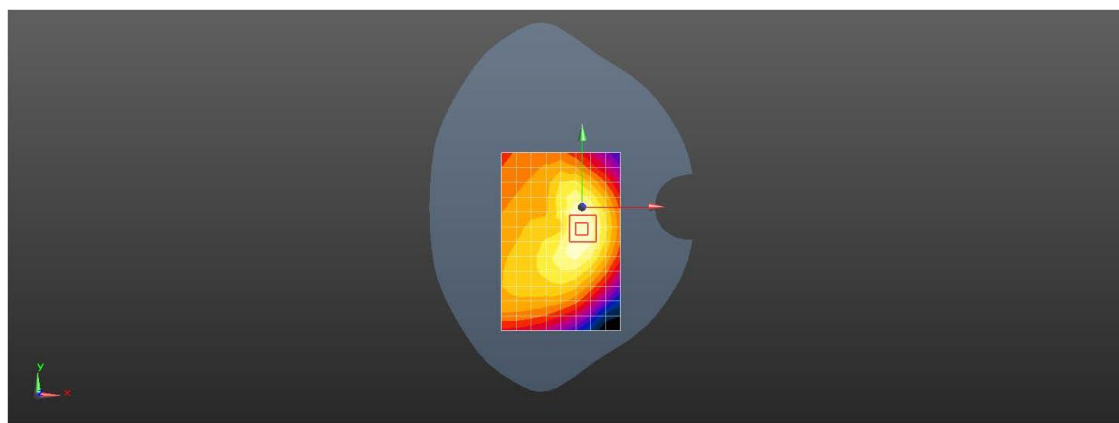
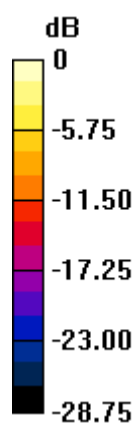
Communication System: UID 0, WI-FI(2.4GHz) (0); Frequency: 2462 MHz; Duty Cycle: 1:1.002

Medium parameters used: $f = 2462 \text{ MHz}$; $\sigma = 1.85 \text{ S/m}$; $\epsilon_r = 39.93$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(7.50, 7.50, 7.50); Calibrated: 2023/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection),
- Electronics: DAE3 Sn419; Calibrated: 2023/6/20
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (9x13x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$ Maximum value of SAR (measured) = 0.709 W/kg **Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$ Reference Value = 10.51 V/m ; Power Drift = -0.01 dB Peak SAR (extrapolated) = 1.01 W/kg **SAR(1 g) = 0.538 W/kg ; SAR(10 g) = 0.300 W/kg** Maximum value of SAR (measured) = 0.766 W/kg 0 dB = 0.709 W/kg = -1.49 dBW/kg 