



# 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. LTE                       |
| LTE Band 2 for Head& Body    |
| LTE Band 4 for Head& Body    |
| LTE Band 5 for Head& Body    |
| LTE Band 7 for Head& Body    |
| LTE Band 12 for Head& Body   |
| 4. WIFI                      |
| WIFI 2.4GHz for Head& Body   |



Test Laboratory: LCS-SAR Lab

## GSM 850 190CH Right Cheek

**DUT: A09; Type: Mobile phone; Serial: A11243059E-1**

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

Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.93$  S/m;  $\epsilon_r = 43.126$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(9.26, 9.26, 9.26); Calibrated: 2023/11/23;
- 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/Unnamed procedure/Area Scan (8x11x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.131 W/kg

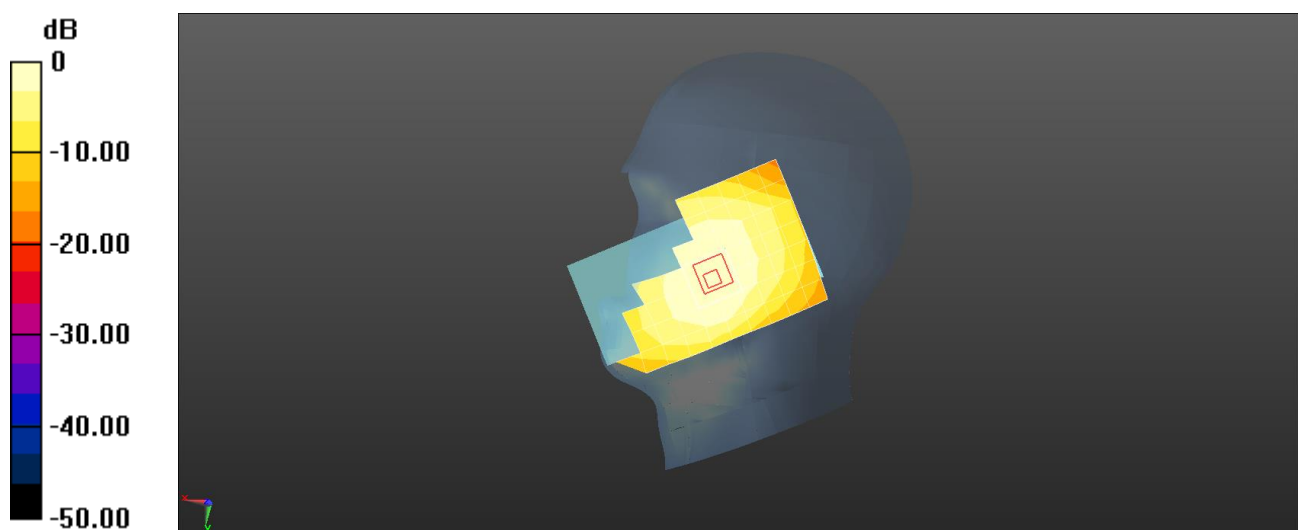
**Configuration/Unnamed procedure/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.218 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.142 W/kg

**SAR(1 g) = 0.112 W/kg; SAR(10 g) = 0.085 W/kg**

Maximum value of SAR (measured) = 0.120 W/kg



0 dB = 0.131 W/kg = -8.81 dBW/kg

Test Laboratory: LCS-SAR Lab

## GSM 850 GPRS3TX 190CH Rear side 10mm

**DUT: A09; Type: Mobile phone; Serial: A11243059E-1**

Communication System: UID 0, GPRS Mode(3up) (0); Frequency: 836.6 MHz; Duty Cycle: 1:2.77

Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.93$  S/m;  $\epsilon_r = 43.126$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(9.26, 9.26, 9.26); Calibrated: 2023/11/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn419; Calibrated: 2023/6/20
- Phantom: ELI v5.0; Type: ELI; Serial: 2010
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Unnamed procedure/Area Scan (10x15x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.314 W/kg

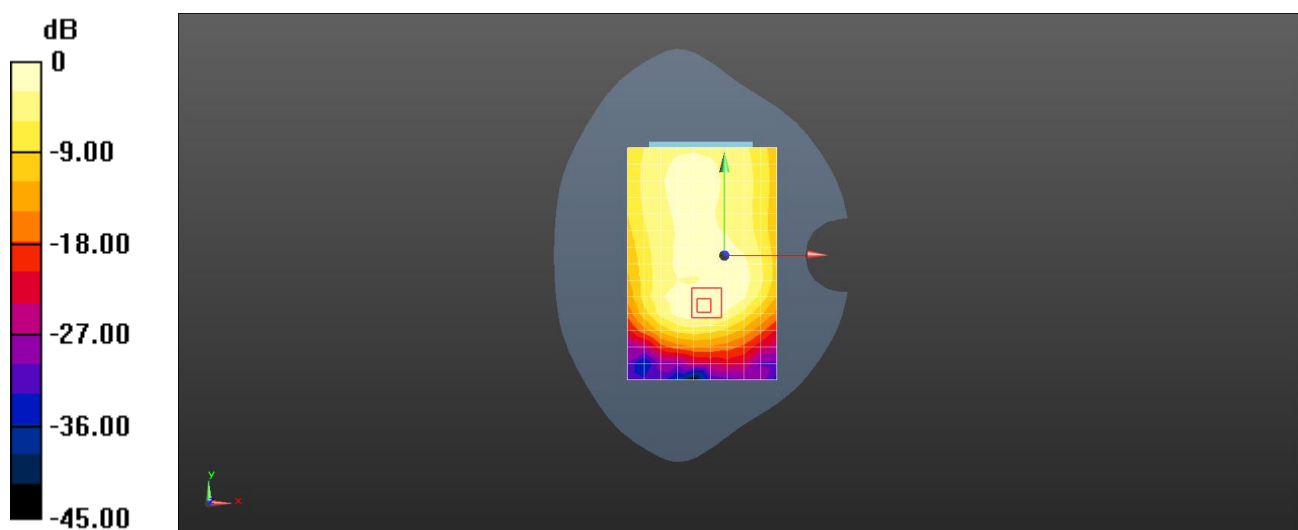
**Configuration/Unnamed procedure/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.58 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.491 W/kg

**SAR(1 g) = 0.247 W/kg; SAR(10 g) = 0.130 W/kg**

Maximum value of SAR (measured) = 0.274 W/kg



0 dB = 0.314 W/kg = -5.03 dBW/kg

Test Laboratory: LCS-SAR Lab

## GSM 1900 GSM 661CH Left Cheek

**DUT: A09; Type: Mobile phone; Serial: A11243059E-1**

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

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.418$  S/m;  $\epsilon_r = 40.537$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(7.85, 7.85, 7.85); Calibrated: 2023/11/23;
- 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/Unnamed procedure/Area Scan (8x10x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.187 W/kg

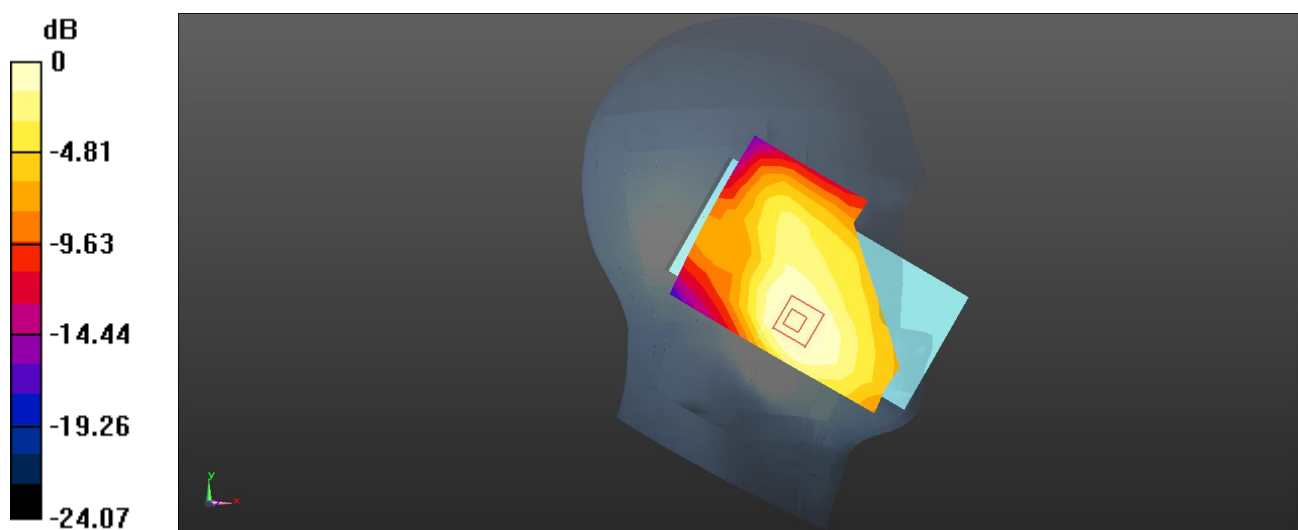
**Configuration/Unnamed procedure/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.723 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.296 W/kg

**SAR(1 g) = 0.139 W/kg; SAR(10 g) = 0.073 W/kg**

Maximum value of SAR (measured) = 0.148 W/kg



0 dB = 0.148 W/kg = -8.30 dBW/kg

Test Laboratory: LCS-SAR Lab

## GSM 1900 GPRS3TX 661CH Rear side 10mm

**DUT: A09; Type: Mobile phone; Serial: A11243059E-1**

Communication System: UID 0, GPRS Mode(3up) (0); Frequency: 1880 MHz; Duty Cycle: 1:2.77

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.418$  S/m;  $\epsilon_r = 40.537$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(7.85, 7.85, 7.85); Calibrated: 2023/11/23;
- 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/Unnamed procedure/Area Scan (8x12x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.530 W/kg

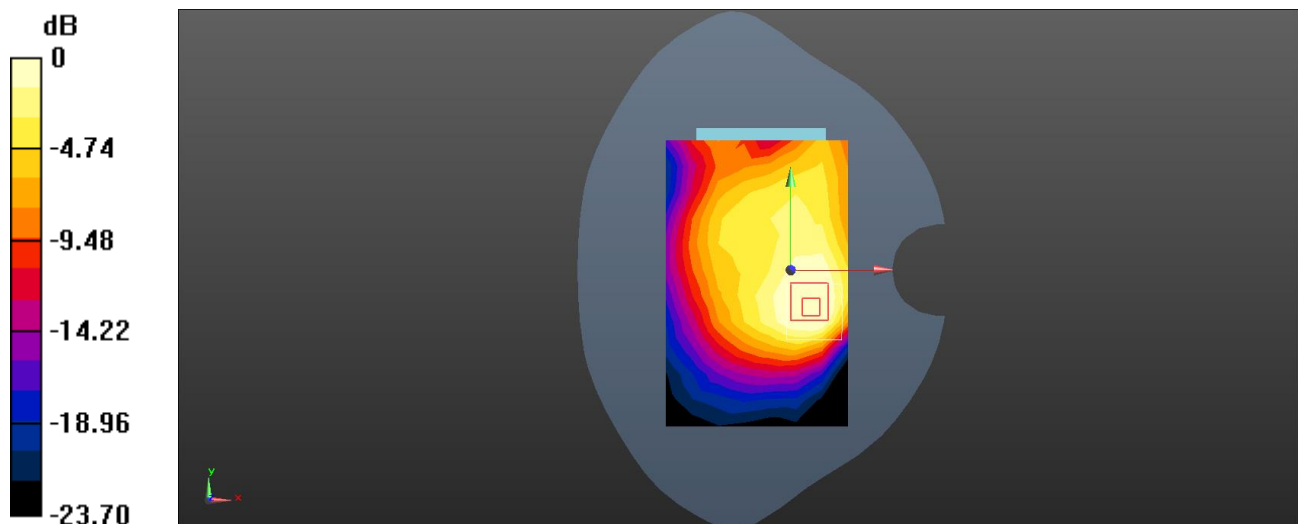
**Configuration/Unnamed procedure/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.816 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 1.04 W/kg

**SAR(1 g) = 0.415 W/kg; SAR(10 g) = 0.204 W/kg**

Maximum value of SAR (measured) = 0.431 W/kg



0 dB = 0.431 W/kg = -3.66 dBW/kg

Test Laboratory: LCS-SAR Lab

## WCDMA Band II RCM 9400CH Left Cheek

**DUT: A09; Type: Mobile phone; Serial: A11243059E-1**

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

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.418$  S/m;  $\epsilon_r = 40.537$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(7.85, 7.85, 7.85); Calibrated: 2023/11/23;
- 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/Unnamed procedure/Area Scan (8x10x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.193 W/kg

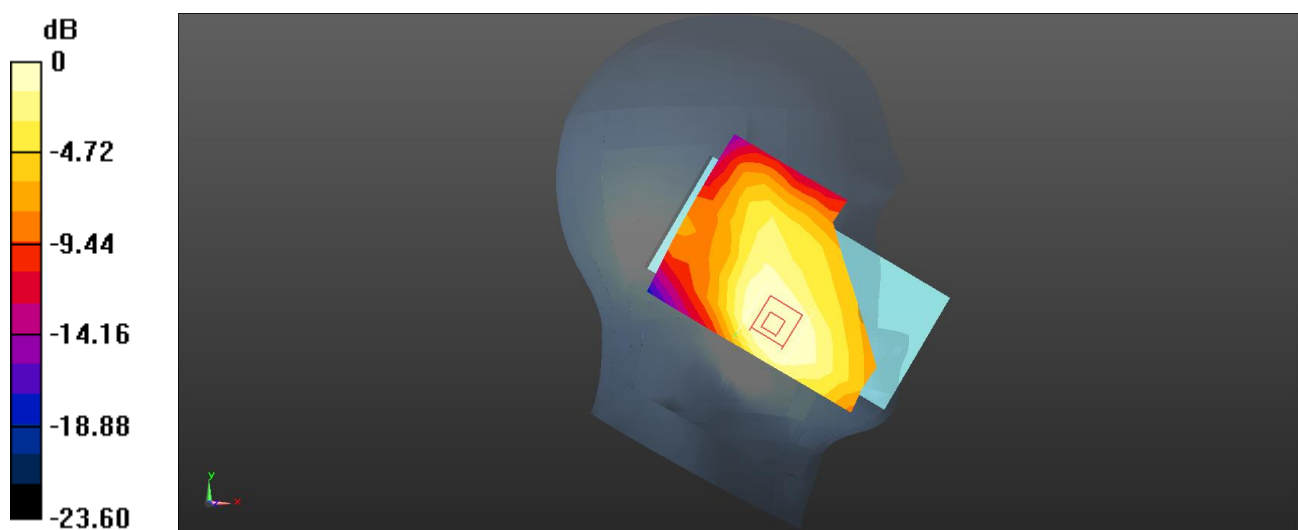
**Configuration/Unnamed procedure/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.954 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.310 W/kg

**SAR(1 g) = 0.145 W/kg; SAR(10 g) = 0.077 W/kg**

Maximum value of SAR (measured) = 0.156 W/kg



0 dB = 0.156 W/kg = -8.07 dBW/kg

Test Laboratory: LCS-SAR Lab

## WCDMA Band II RCM 9400CH Rear side 10mm

**DUT: A09; Type: Mobile phone; Serial: A11243059E-1**

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

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.418$  S/m;  $\epsilon_r = 40.537$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(7.85, 7.85, 7.85); Calibrated: 2023/11/23;
- 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/Unnamed procedure/Area Scan (10x15x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.663 W/kg

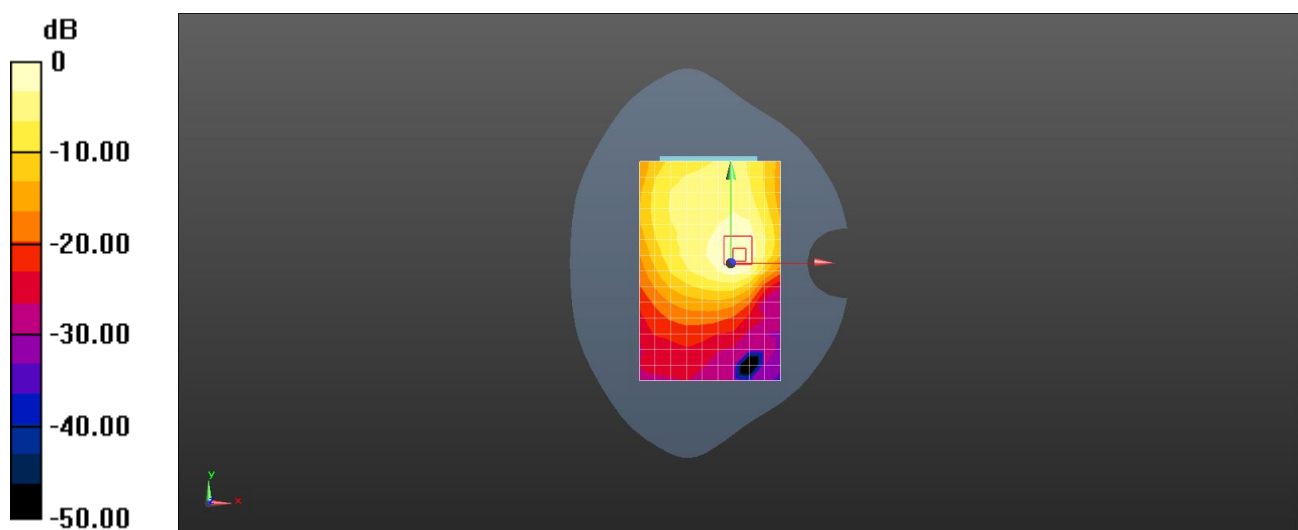
**Configuration/Unnamed procedure/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.48 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.13 W/kg

**SAR(1 g) = 0.443 W/kg; SAR(10 g) = 0.218 W/kg**

Maximum value of SAR (measured) = 0.459 W/kg



0 dB = 0.663 W/kg = -1.78 dBW/kg

Test Laboratory: LCS-SAR Lab

## WCDMA Band V RCM 4132CH Right Cheek

**DUT: A09; Type: Mobile phone; Serial: A11243059E-1**

Communication System: UID 0, WCDMA (0); Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 826.4$  MHz;  $\sigma = 0.922$  S/m;  $\epsilon_r = 43.209$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(9.26, 9.26, 9.26); Calibrated: 2023/11/23;
- 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/Unnamed procedure/Area Scan (8x11x1):** Measurement grid: dx=15mm, dy=15mm

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

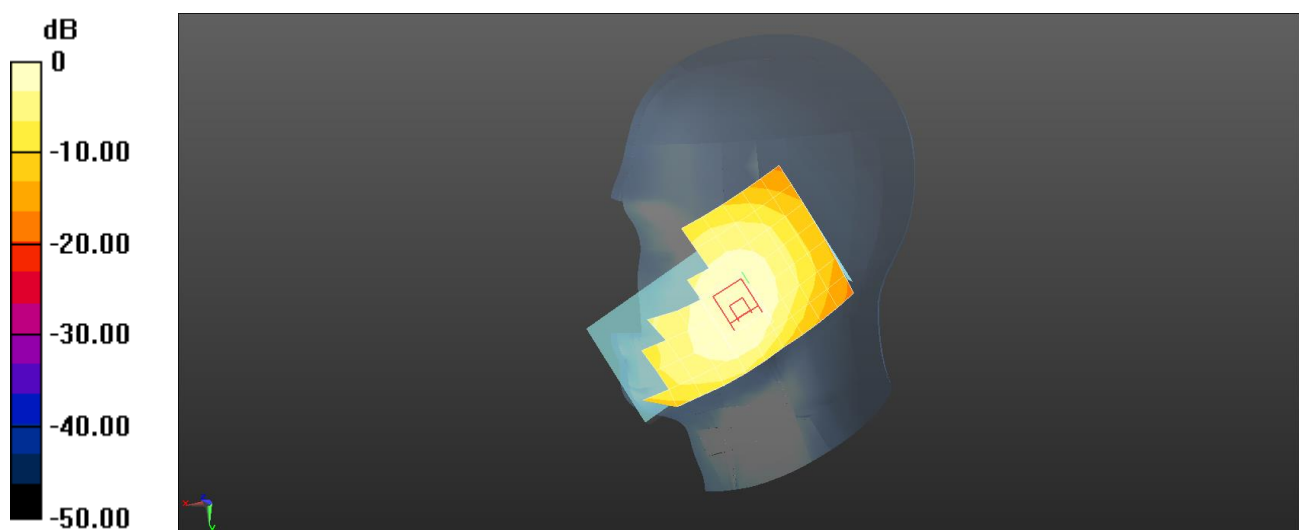
**Configuration/Unnamed procedure/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.027 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.163 W/kg

**SAR(1 g) = 0.124 W/kg; SAR(10 g) = 0.092 W/kg**

Maximum value of SAR (measured) = 0.129 W/kg



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



Test Laboratory: LCS-SAR Lab

## WCDMA Band V RCM 4132CH Rear side 10mm

**DUT: A09; Type: Mobile phone; Serial: A11243059E-1**

Communication System: UID 0, WCDMA (0); Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 826.4$  MHz;  $\sigma = 0.922$  S/m;  $\epsilon_r = 43.209$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(9.26, 9.26, 9.26); Calibrated: 2023/11/23;
- 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/Unnamed procedure/Area Scan (10x15x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.296 W/kg

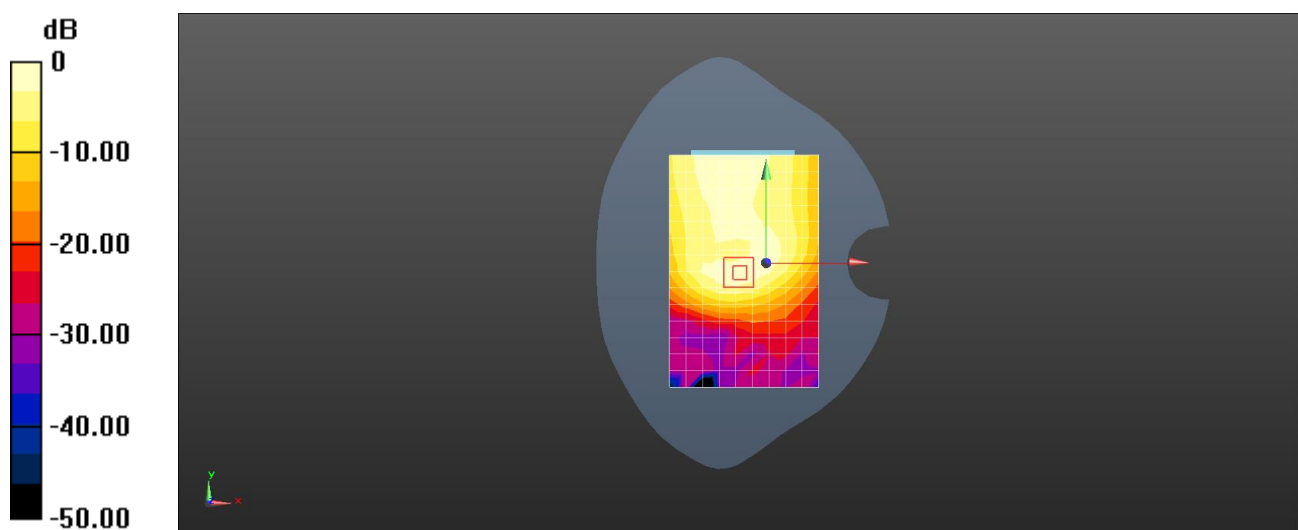
**Configuration/Unnamed procedure/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.01 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.409 W/kg

**SAR(1 g) = 0.196 W/kg; SAR(10 g) = 0.100 W/kg**

Maximum value of SAR (measured) = 0.218 W/kg



0 dB = 0.296 W/kg = -5.28 dBW/kg

Test Laboratory: LCS-SAR Lab

## LTE Band 2 20M QPSK 1RB0 18700CH Left Cheek

**DUT: A09; Type: Mobile phone; Serial: A11243059E-1**

Communication System: UID 0, LTE-FDD BW 20MHZ (0); Frequency: 1860 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1860$  MHz;  $\sigma = 1.412$  S/m;  $\epsilon_r = 40.571$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(7.85, 7.85, 7.85); Calibrated: 2023/11/23;
- 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/Unnamed procedure/Area Scan (8x10x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.179 W/kg

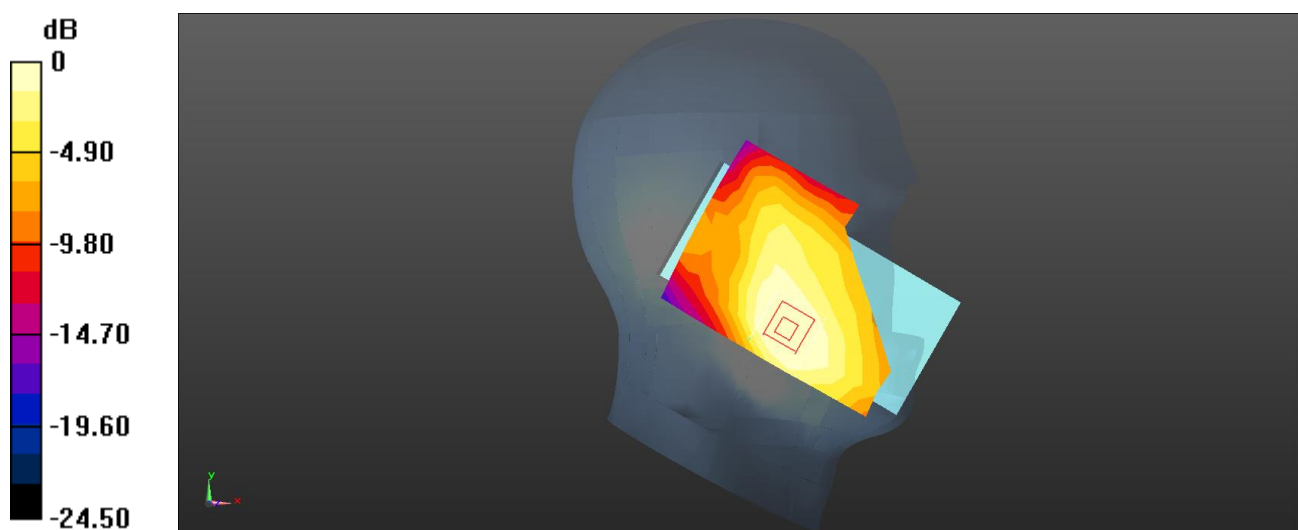
**Configuration/Unnamed procedure/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.041 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.286 W/kg

**SAR(1 g) = 0.136 W/kg; SAR(10 g) = 0.071 W/kg**

Maximum value of SAR (measured) = 0.146 W/kg



0 dB = 0.146 W/kg = -8.36 dBW/kg

Test Laboratory: LCS-SAR Lab

**LTE Band 2 20M QPSK 1RB0 18700CH Rear side 10mm**

**DUT: A09; Type: Mobile phone; Serial: A11243059E-1**

Communication System: UID 0, LTE-FDD BW 20MHZ (0); Frequency: 1860 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1860$  MHz;  $\sigma = 1.412$  S/m;  $\epsilon_r = 40.571$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(7.85, 7.85, 7.85); Calibrated: 2023/11/23;
- 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/Unnamed procedure/Area Scan (8x12x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.856 W/kg

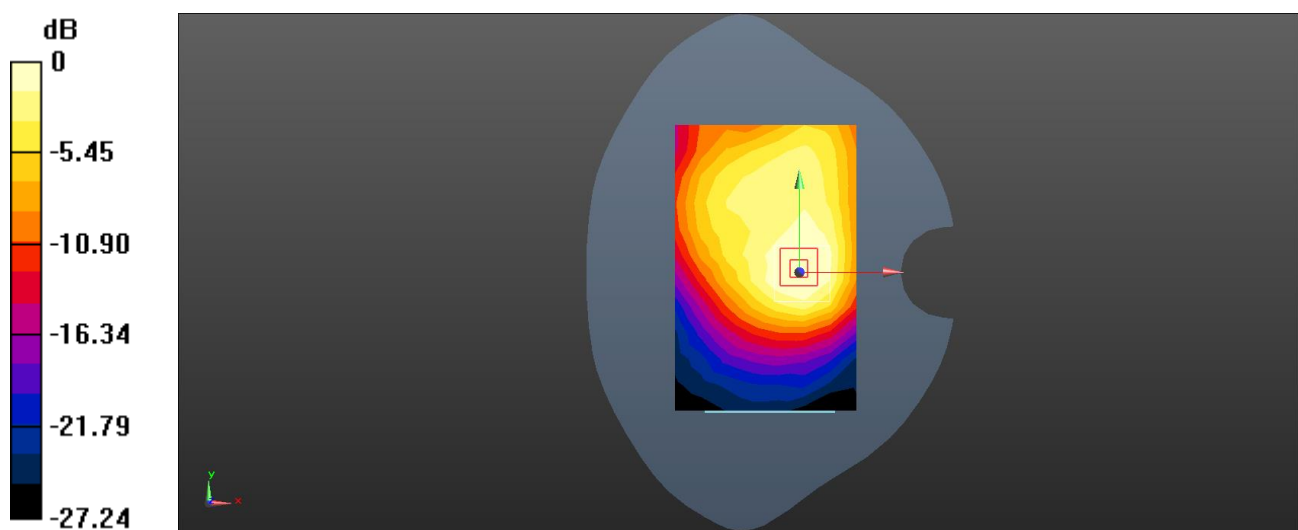
**Configuration/Unnamed procedure/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.84 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.44 W/kg

**SAR(1 g) = 0.583 W/kg; SAR(10 g) = 0.283 W/kg**

Maximum value of SAR (measured) = 0.607 W/kg



0 dB = 0.607 W/kg = -2.17 dBW/kg

Test Laboratory: LCS-SAR Lab

## LTE Band 4 20M QPSK 1RB0 20175CH Left Cheek

**DUT: A09; Type: Mobile phone; Serial: A11243059E-1**

Communication System: UID 0, LTE-FDD BW 20MHZ (0); Frequency: 1732.5 MHz; Duty Cycle: 1:1  
Medium parameters used (interpolated):  $f = 1732.5$  MHz;  $\sigma = 1.361$  S/m;  $\epsilon_r = 40.812$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(8.16, 8.16, 8.16); Calibrated: 2023/11/23;
- 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/Unnamed procedure/Area Scan (8x10x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.171 W/kg

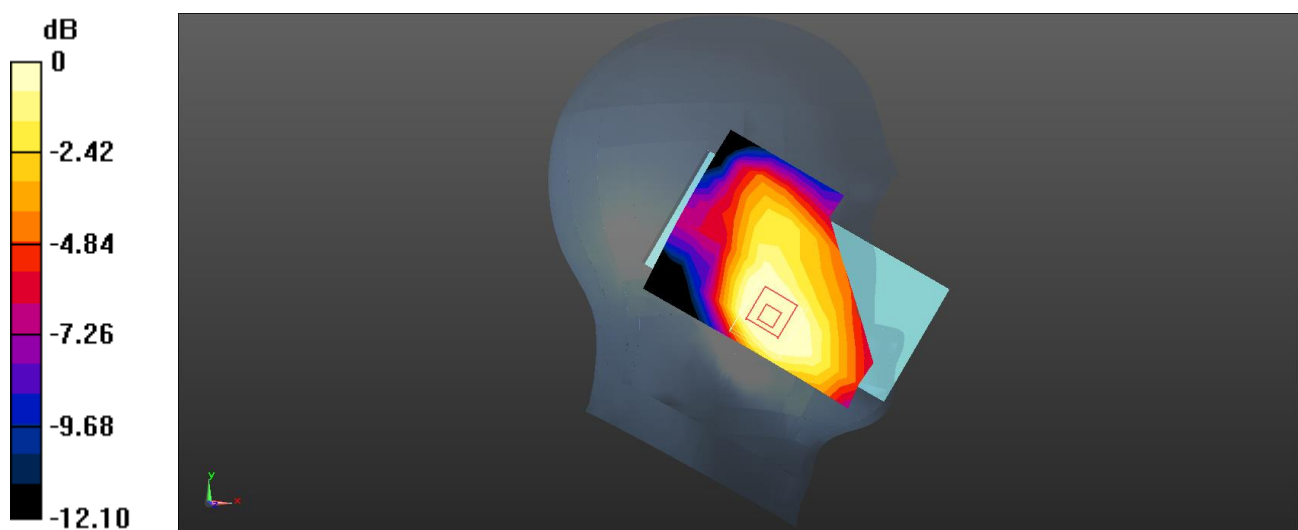
**Configuration/Unnamed procedure/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.247 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.234 W/kg

**SAR(1 g) = 0.122 W/kg; SAR(10 g) = 0.068 W/kg**

Maximum value of SAR (measured) = 0.131 W/kg



0 dB = 0.131 W/kg = -8.83 dBW/kg

Test Laboratory: LCS-SAR Lab

**LTE Band 4 20M QPSK 1RB0 20175CH Rear side 10mm**

**DUT: A09; Type: Mobile phone; Serial: A11243059E-1**

Communication System: UID 0, LTE-FDD BW 20MHZ (0); Frequency: 1732.5 MHz; Duty Cycle: 1:1  
Medium parameters used (interpolated):  $f = 1732.5$  MHz;  $\sigma = 1.361$  S/m;  $\epsilon_r = 40.812$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(8.16, 8.16, 8.16); Calibrated: 2023/11/23;
- 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/Unnamed procedure/Area Scan (8x12x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.478 W/kg

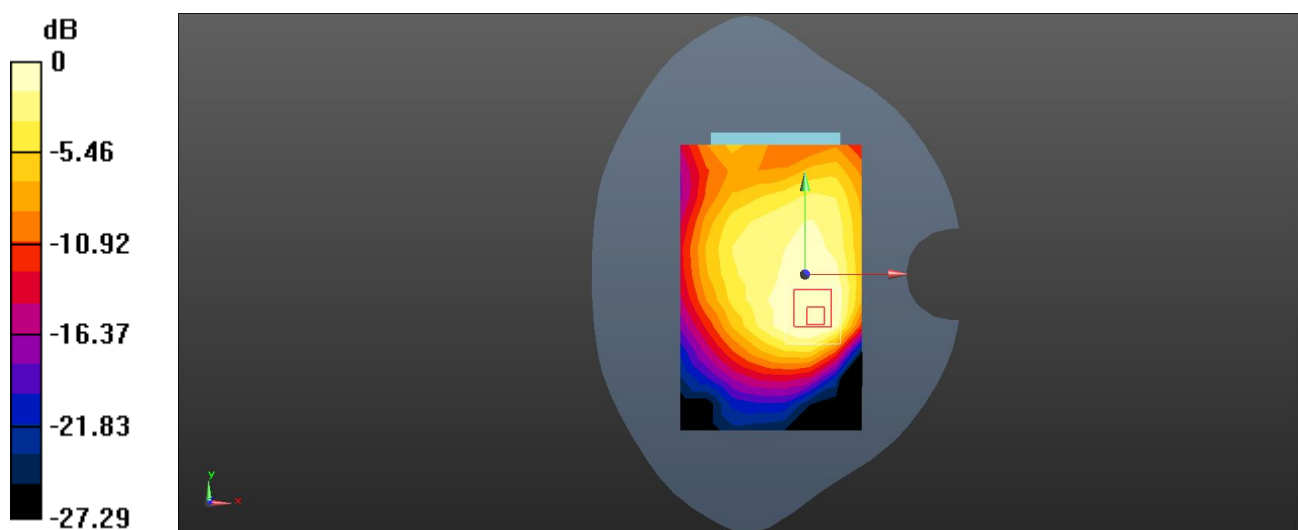
**Configuration/Unnamed procedure/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.22 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.844 W/kg

**SAR(1 g) = 0.336 W/kg; SAR(10 g) = 0.166 W/kg**

Maximum value of SAR (measured) = 0.348 W/kg



0 dB = 0.348 W/kg = -4.58 dBW/kg

Test Laboratory: LCS-SAR Lab

## LTE Band 5 10M QPSK 1RB0 20450CH Right Cheek

**DUT: A09; Type: Mobile phone; Serial: A11243059E-1**

Communication System: UID 0, LTE-FDD BW 10MHZ (0); Frequency: 829 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 829$  MHz;  $\sigma = 0.924$  S/m;  $\epsilon_r = 43.172$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(9.26, 9.26, 9.26); Calibrated: 2023/11/23;
- 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/Unnamed procedure/Area Scan (8x11x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.175 W/kg

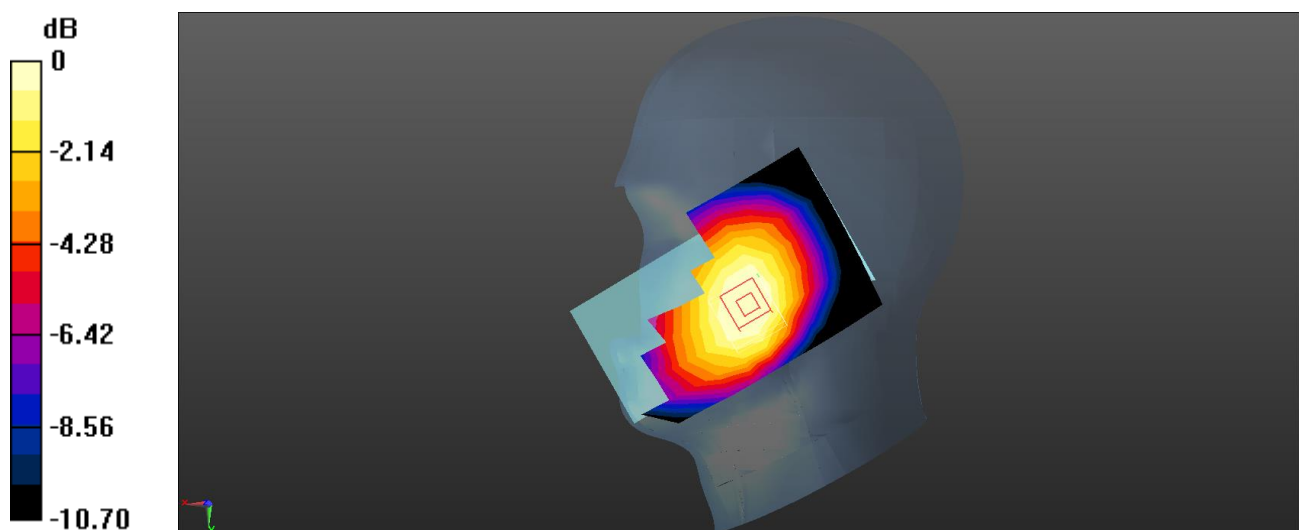
**Configuration/Unnamed procedure/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.613 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.194 W/kg

**SAR(1 g) = 0.151 W/kg; SAR(10 g) = 0.112 W/kg**

Maximum value of SAR (measured) = 0.156 W/kg



0 dB = 0.156 W/kg = -8.07 dBW/kg

Test Laboratory: LCS-SAR Lab

**LTE Band 5 10M QPSK 1RB0 20450CH Rear side 10mm**

**DUT: A09; Type: Mobile phone; Serial: A11243059E-1**

Communication System: UID 0, LTE-FDD BW 10MHZ (0); Frequency: 829 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 829$  MHz;  $\sigma = 0.924$  S/m;  $\epsilon_r = 43.172$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(9.26, 9.26, 9.26); Calibrated: 2023/11/23;
- 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/Unnamed procedure/Area Scan (8x12x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.235 W/kg

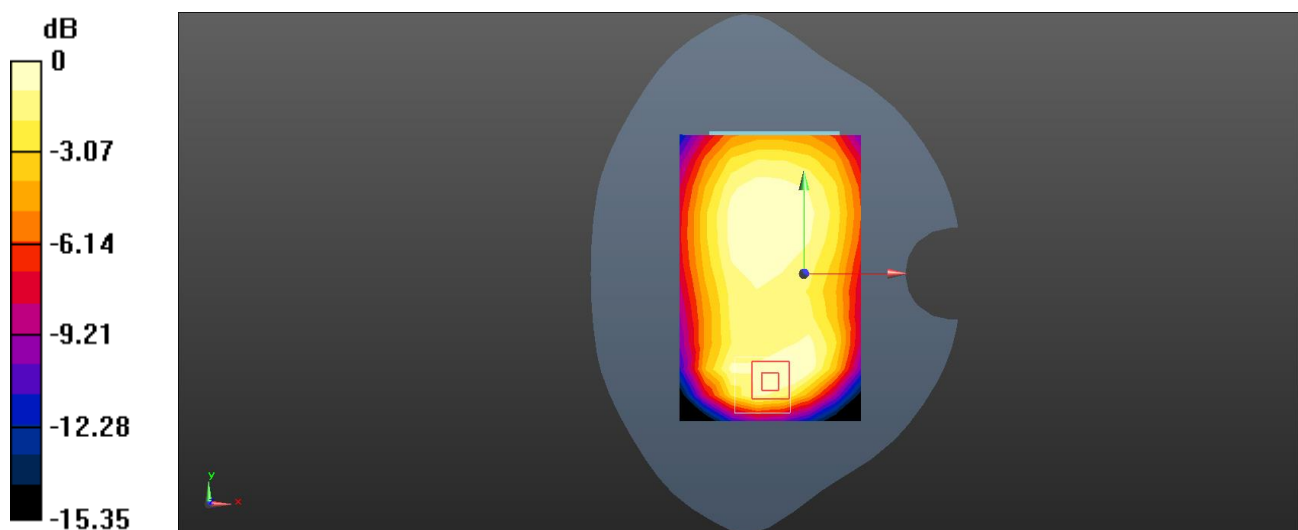
**Configuration/Unnamed procedure/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.85 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.391 W/kg

**SAR(1 g) = 0.198 W/kg; SAR(10 g) = 0.106 W/kg**

Maximum value of SAR (measured) = 0.217 W/kg



0 dB = 0.217 W/kg = -6.64 dBW/kg

Test Laboratory: LCS-SAR Lab

## **LTE Band 7 20M QPSK 1RB49 21100CH Right Cheek**

**DUT: A09; Type: Mobile phone; Serial: A11243059E-1**

Communication System: UID 0, LTE-FDD BW 20MHZ (0); Frequency: 2535 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 2535$  MHz;  $\sigma = 1.891$  S/m;  $\epsilon_r = 39.558$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(7.42, 7.42, 7.42); Calibrated: 2023/11/23;
- 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/Unnamed procedure/Area Scan (9x11x1):** Measurement grid: dx=12mm, dy=12mm

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

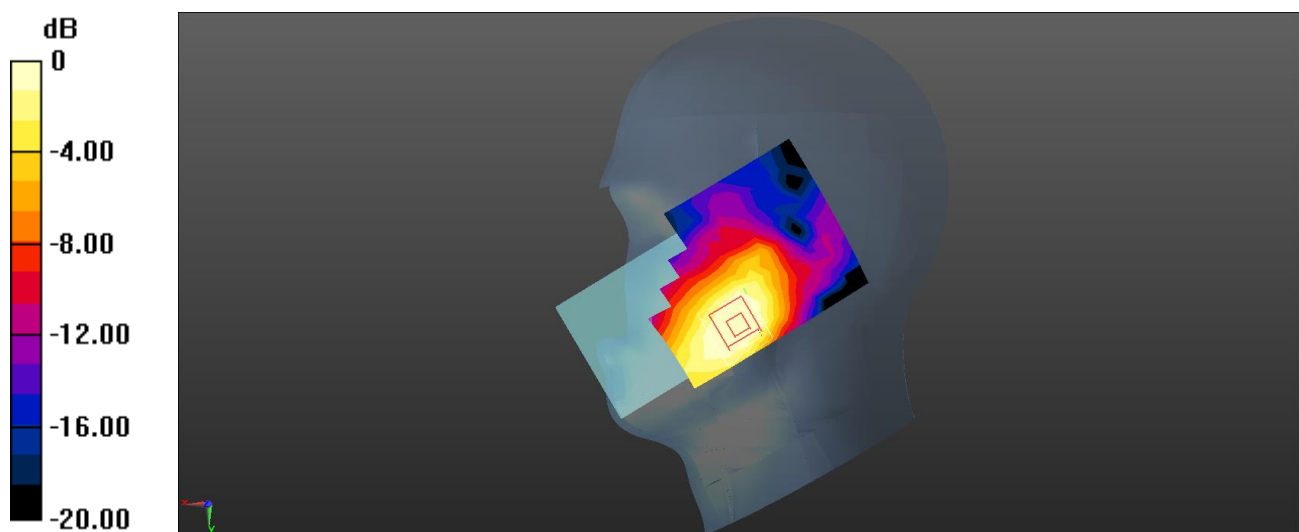
**Configuration/Unnamed procedure/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.664 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.273 W/kg

**SAR(1 g) = 0.104 W/kg; SAR(10 g) = 0.047 W/kg**

Maximum value of SAR (measured) = 0.109 W/kg



0 dB = 0.109 W/kg = -9.63 dBW/kg



Test Laboratory: LCS-SAR Lab

**LTE Band 7 20M QPSK 1RB49 21100CH Rear side 10mm**

**DUT: A09; Type: Mobile phone; Serial: A11243059E-1**

Communication System: UID 0, LTE-FDD BW 20MHZ (0); Frequency: 2535 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2535$  MHz;  $\sigma = 1.891$  S/m;  $\epsilon_r = 39.558$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(7.42, 7.42, 7.42); Calibrated: 2023/11/23;
- 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/Unnamed procedure/Area Scan (10x15x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 1.12 W/kg

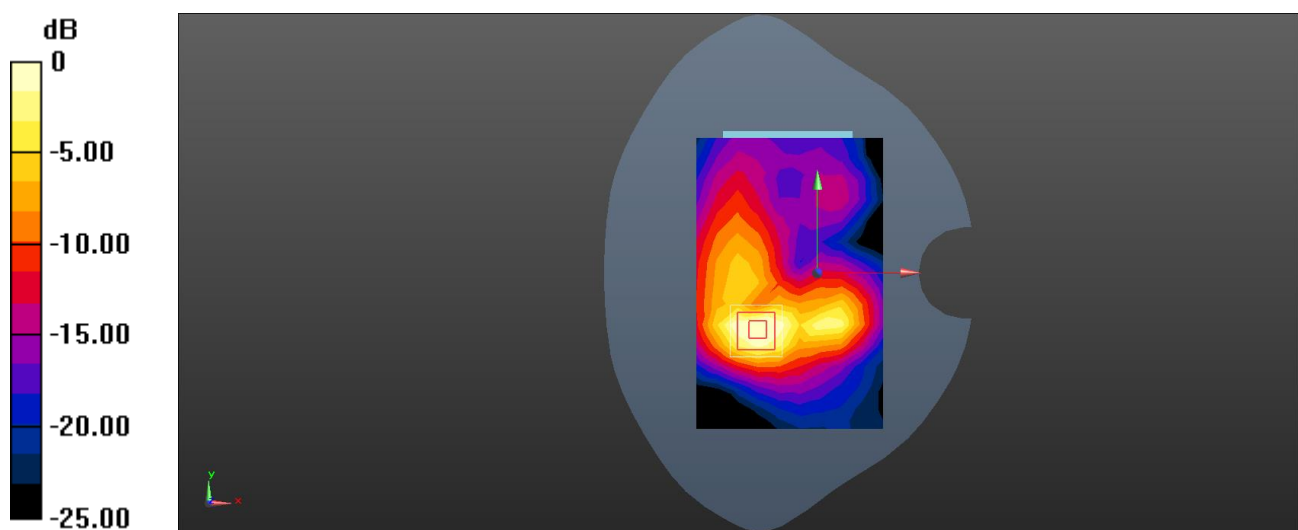
**Configuration/Unnamed procedure/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.040 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 2.47 W/kg

**SAR(1 g) = 0.691 W/kg; SAR(10 g) = 0.245 W/kg**

Maximum value of SAR (measured) = 0.722 W/kg



Test Laboratory: LCS-SAR Lab

## LTE Band 12 10M QPSK 1RB0 20360CH Right Cheek

**DUT: A09; Type: Mobile phone; Serial: A11243059E-1**

Communication System: UID 0, LTE-FDD BW 10MHZ (0); Frequency: 704 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 704$  MHz;  $\sigma = 0.899$  S/m;  $\epsilon_r = 43.773$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(9.66, 9.66, 9.66); Calibrated: 2023/11/23;
- 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/Unnamed procedure/Area Scan (8x11x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.0310 W/kg

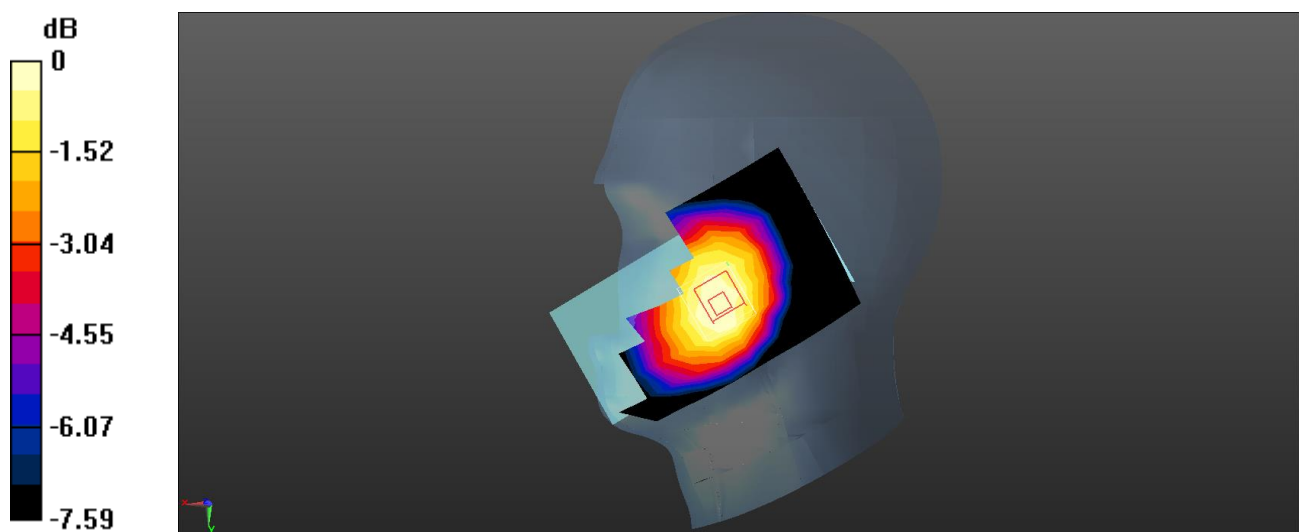
**Configuration/Unnamed procedure/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.419 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.0330 W/kg

**SAR(1 g) = 0.028 W/kg; SAR(10 g) = 0.022 W/kg**

Maximum value of SAR (measured) = 0.0292 W/kg



0 dB = 0.0292 W/kg = -15.35 dBW/kg

Test Laboratory: LCS-SAR Lab

**LTE Band 12 10M QPSK 1RB0 20360CH Rear Side 10mm**

**DUT: A09; Type: Mobile phone; Serial: A11243059E-1**

Communication System: UID 0, LTE-FDD BW 10MHZ (0); Frequency: 704 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 704 \text{ MHz}$ ;  $\sigma = 0.899 \text{ S/m}$ ;  $\epsilon_r = 43.773$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(9.66, 9.66, 9.66); Calibrated: 2023/11/23;
- 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/Unnamed procedure/Area Scan (8x12x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (measured) =  $0.0716 \text{ W/kg}$

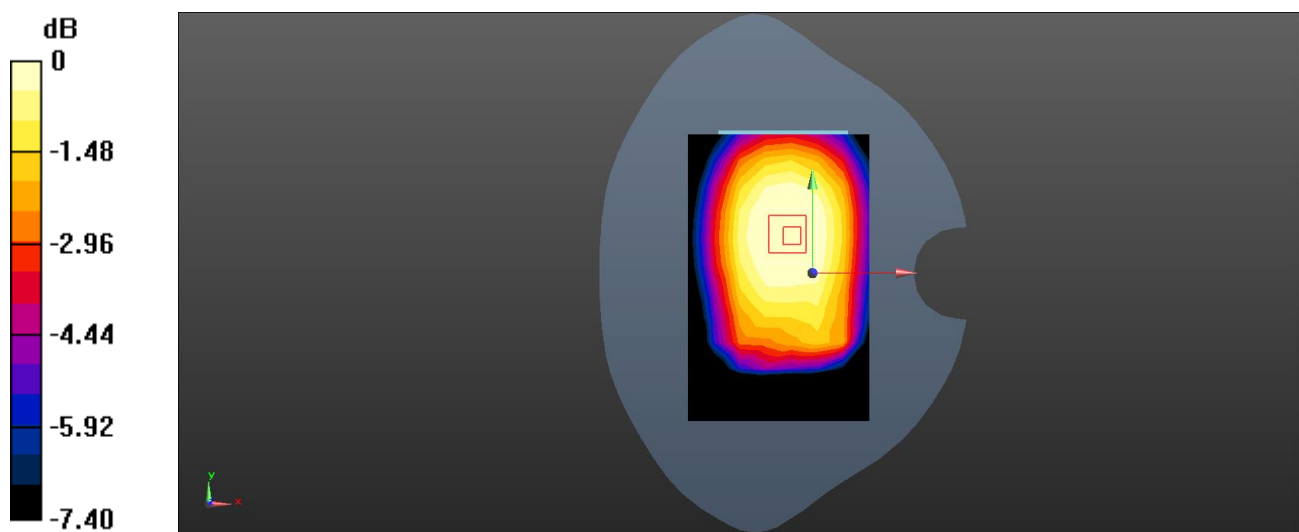
**Configuration/Unnamed procedure/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $8.006 \text{ V/m}$ ; Power Drift =  $0.03 \text{ dB}$

Peak SAR (extrapolated) =  $0.0750 \text{ W/kg}$

**SAR(1 g) =  $0.061 \text{ W/kg}$ ; SAR(10 g) =  $0.048 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.0637 \text{ W/kg}$



0 dB =  $0.0637 \text{ W/kg}$  =  $-11.96 \text{ dBW/kg}$

Test Laboratory: LCS-SAR Lab

## WIFI 2.4G 802.11b 6CH Right Tilt

**DUT: A09; Type: Mobile phone; Serial: A11243059E-1**

Communication System: UID 0, WI-FI(2.4GHz) (0); Frequency: 2437 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.797$  S/m;  $\epsilon_r = 39.679$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(7.42, 7.42, 7.42); Calibrated: 2023/11/23;
- 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/Unnamed procedure/Area Scan (9x12x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.841 W/kg

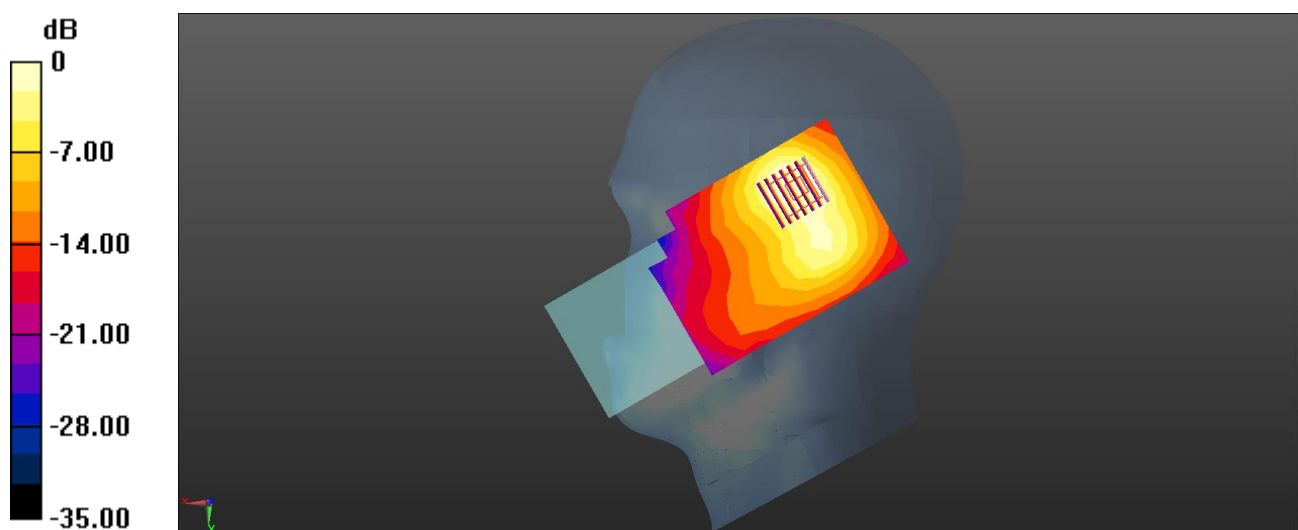
**Configuration/Unnamed procedure/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.43 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.67 W/kg

**SAR(1 g) = 0.519 W/kg; SAR(10 g) = 0.212 W/kg**

Maximum value of SAR (measured) = 0.522 W/kg



0 dB = 0.522 W/kg = -2.82 dBW/kg

Test Laboratory: LCS-SAR Lab

## WIFI 2.4G 802.11b 6CH Rear side 10mm

**DUT: A09; Type: Mobile phone; Serial: A11243059E-1**

Communication System: UID 0, WI-FI(2.4GHz) (0); Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.797$  S/m;  $\epsilon_r = 39.679$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(7.42, 7.42, 7.42); Calibrated: 2023/11/23;
- 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/Unnamed procedure/Area Scan (10x15x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.534 W/kg

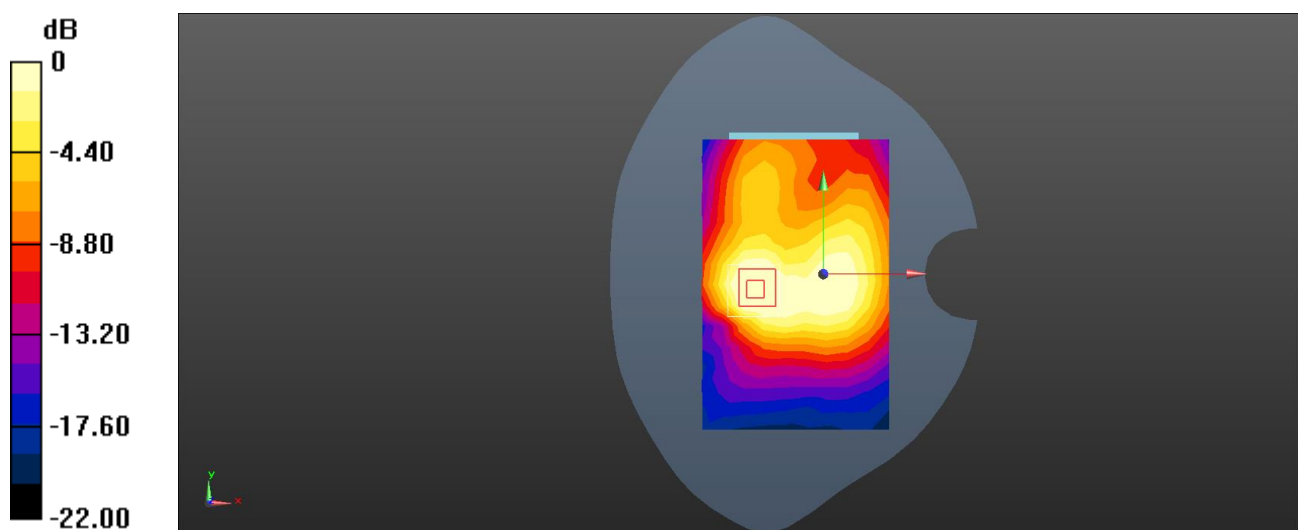
**Configuration/Unnamed procedure/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.401 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.01 W/kg

**SAR(1 g) = 0.316 W/kg; SAR(10 g) = 0.134 W/kg**

Maximum value of SAR (measured) = 0.320 W/kg



0 dB = 0.320 W/kg = -4.95 dBW/kg