

# Appendix B

## Detailed Test Results

CDMA BC0 for Head, Body
CDMA BC1 for Head, Body
CDMA BC10 for Head, Body
LTE Band 12 for Head, Body
LTE Band 25 for Head, Body
LTE Band 26 for Head, Body
LTE Band 41 for Head, Body
LTE Band 66 for Head, Body
LTE Band 71 for Head, Body
WIFI 2.4G for Head, Body
BT for Head, Body

Test Laboratory: SGS-SAR Lab

## SP-502 CDMA BC0 CDMA RC3+SO55 384CH Right cheek

**DUT: SP-502; Type: mobile phone; Serial: 990019120000064**

Communication System: UID 0, CDMA (0); Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium: HSL835; Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.903$  S/m;  $\epsilon_r = 42.261$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7620; ConvF(10.33, 10.33, 10.33); Calibrated: 2021-08-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1327; Calibrated: 2021-11-05
- Phantom: SAM6; Type: SAM; Serial: 1824
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

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

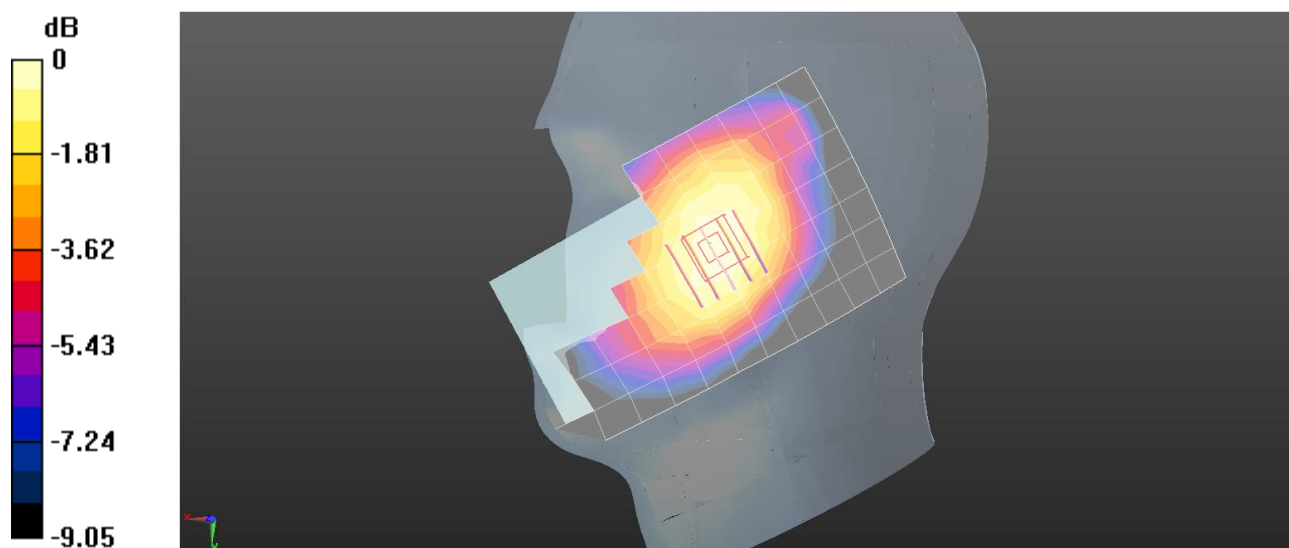
**Configuration/Head/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.516 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.156 W/kg

**SAR(1 g) = 0.123 W/kg; SAR(10 g) = 0.097 W/kg**

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



0 dB = 0.144 W/kg = -8.42 dBW/kg

Test Laboratory: SGS-SAR Lab

**SP-502 CDMA BC0 CDMA RC3+SO32 384CH Back side 15mm****DUT: SP-502; Type: mobile phone; Serial: 990019120000064**

Communication System: UID 0, CDMA (0); Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium: HSL835; Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.903$  S/m;  $\epsilon_r = 42.261$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7620; ConvF(10.33, 10.33, 10.33); Calibrated: 2021-08-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1327; Calibrated: 2021-11-05
- Phantom: SAM6; Type: SAM; Serial: 1824
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

Maximum value of SAR (measured) = 0.207 W/kg

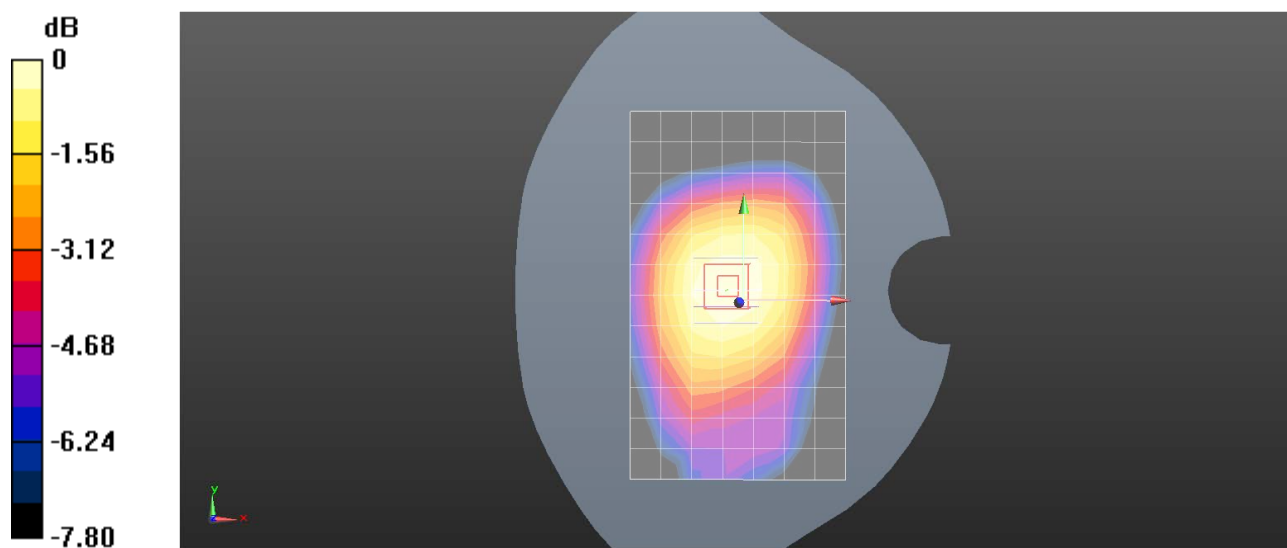
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.09 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.231 W/kg

**SAR(1 g) = 0.174 W/kg; SAR(10 g) = 0.132 W/kg**

Maximum value of SAR (measured) = 0.211 W/kg



0 dB = 0.211 W/kg = -6.76 dBW/kg

Test Laboratory: SGS-SAR Lab

**SP-502 CDMA BC0 EVDO RETAP 4096Bits 384CH Back side 10mm****DUT: SP-502; Type: mobile phone; Serial: 990019120000064**

Communication System: UID 0, CDMA (0); Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium: HSL835; Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.903$  S/m;  $\epsilon_r = 42.261$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7620; ConvF(10.33, 10.33, 10.33); Calibrated: 2021-08-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1327; Calibrated: 2021-11-05
- Phantom: SAM6; Type: SAM; Serial: 1824
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

Maximum value of SAR (measured) = 0.416 W/kg

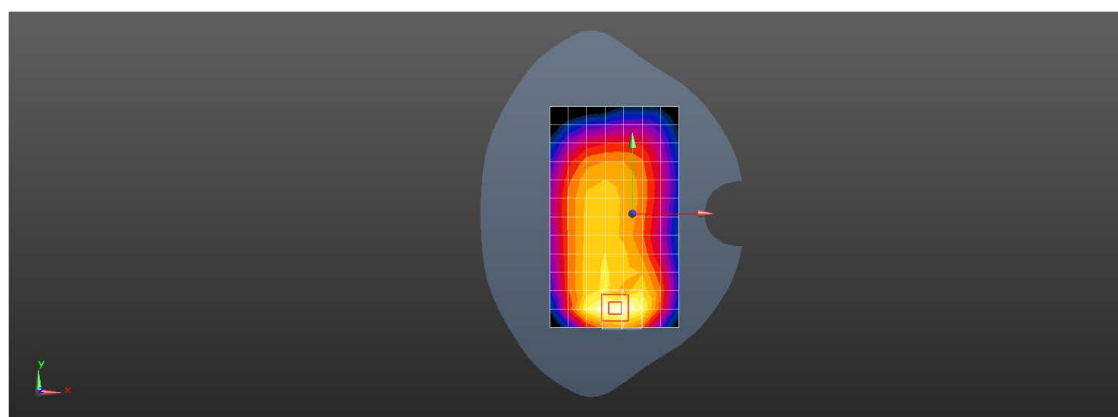
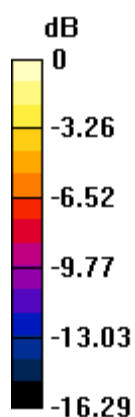
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.28 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.476 W/kg

**SAR(1 g) = 0.258 W/kg; SAR(10 g) = 0.145 W/kg**

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



0 dB = 0.384 W/kg = -4.16 dBW/kg

Test Laboratory: SGS-SAR Lab

## SP-502 CDMA BC1 CDMA RC3+SO55 600CH Left cheek

**DUT: SP-502; Type: mobile phone; Serial: 990019120000064**

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

Medium: HSL1900; Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.38$  S/m;  $\epsilon_r = 40.055$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7620; ConvF(8.67, 8.67, 8.67); Calibrated: 2021-08-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1327; Calibrated: 2021-11-05
- Phantom: SAM6; Type: SAM; Serial: 1824
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

Maximum value of SAR (measured) = 0.255 W/kg

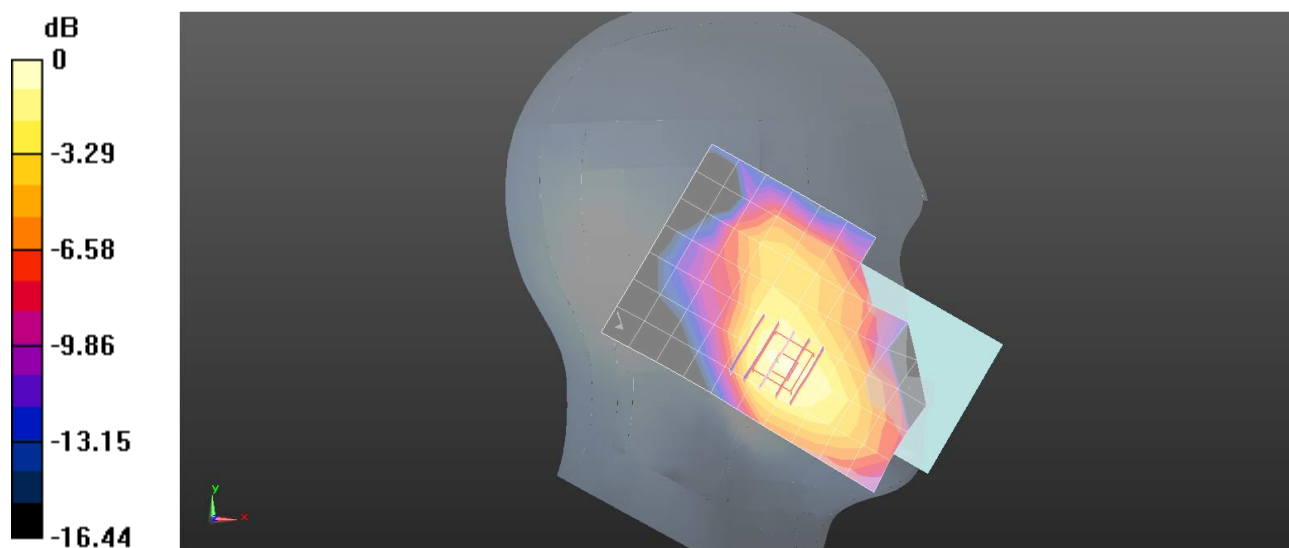
**Configuration/Head/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.655 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.355 W/kg

**SAR(1 g) = 0.225 W/kg; SAR(10 g) = 0.143 W/kg**

Maximum value of SAR (measured) = 0.303 W/kg



0 dB = 0.303 W/kg = -5.19 dBW/kg

Test Laboratory: SGS-SAR Lab

**SP-502 CDMA BC1 CDMA RC3+SO32 600CH Back side 15mm****DUT: SP-502; Type: mobile phone; Serial: 990019120000064**

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

Medium: HSL1900; Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.38$  S/m;  $\epsilon_r = 40.055$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7620; ConvF(8.67, 8.67, 8.67); Calibrated: 2021-08-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1327; Calibrated: 2021-11-05
- Phantom: SAM6; Type: SAM; Serial: 1824
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

**Configuration/Body/Area Scan (8x14x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.464 W/kg

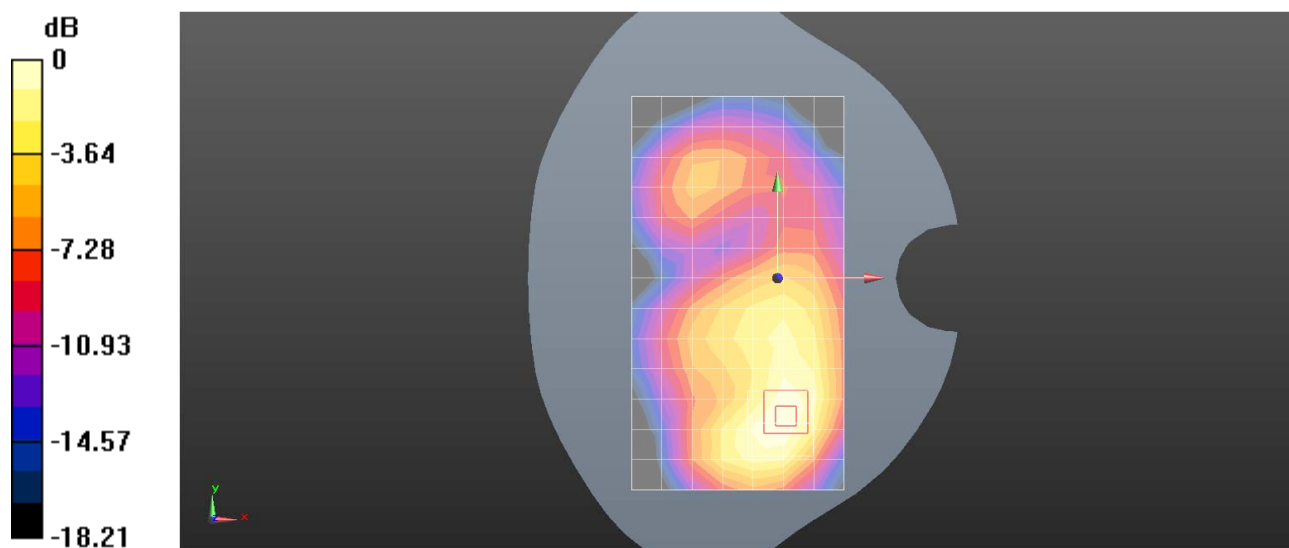
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.959 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.561 W/kg

**SAR(1 g) = 0.324 W/kg; SAR(10 g) = 0.193 W/kg**

Maximum value of SAR (measured) = 0.464 W/kg



0 dB = 0.464 W/kg = -3.33 dBW/kg

Test Laboratory: SGS-SAR Lab

## SP-502 CDMA BC1 RC3+SO32 600CH Back side 10mm

DUT: SP-502; Type: mobile phone; Serial: 990019120000064

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

Medium: HSL1900; Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.38$  S/m;  $\epsilon_r = 40.055$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7620; ConvF(8.67, 8.67, 8.67); Calibrated: 2021-08-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1327; Calibrated: 2021-11-05
- Phantom: SAM6; Type: SAM; Serial: 1824
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

**Configuration/Body/Area Scan (8x14x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.989 W/kg

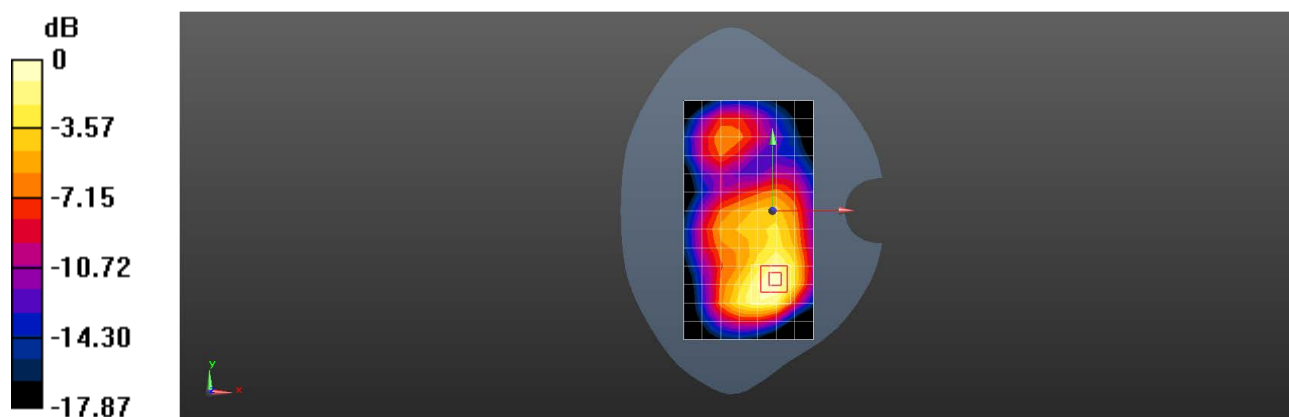
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.91 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 1.18 W/kg

**SAR(1 g) = 0.587 W/kg; SAR(10 g) = 0.370 W/kg**

Maximum value of SAR (measured) = 0.978 W/kg



0 dB = 0.978 W/kg = -0.10 dBW/kg

Test Laboratory: SGS-SAR Lab

**SP-502 CDMA BC10 CDMA RC3+SO55 580CH Left cheek****DUT: SP-502; Type: mobile phone; Serial: 990019120000064**

Communication System: UID 0, CDMA (0); Frequency: 820.5 MHz; Duty Cycle: 1:1

Medium: HSL835; Medium parameters used:  $f = 820.5$  MHz;  $\sigma = 0.892$  S/m;  $\epsilon_r = 42.364$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7620; ConvF(10.33, 10.33, 10.33); Calibrated: 2021-08-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1327; Calibrated: 2021-11-05
- Phantom: SAM6; Type: SAM; Serial: 1824
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

Maximum value of SAR (measured) = 0.116 W/kg

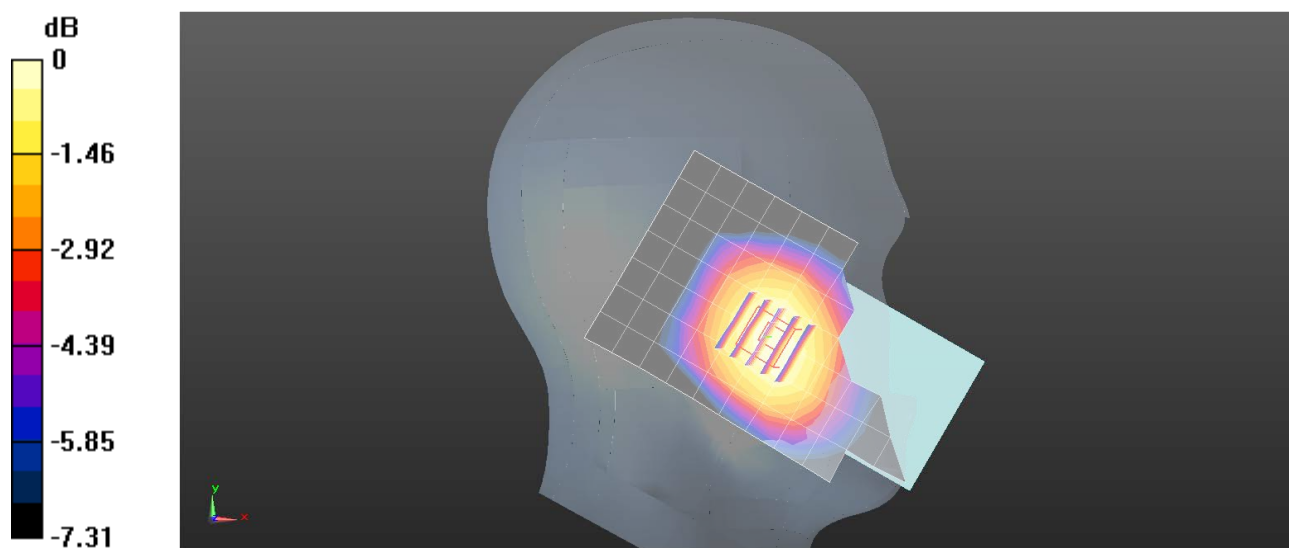
**Configuration/Head/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.086 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.127 W/kg

**SAR(1 g) = 0.101 W/kg; SAR(10 g) = 0.080 W/kg**

Maximum value of SAR (measured) = 0.118 W/kg



0 dB = 0.118 W/kg = -9.28 dBW/kg



Test Laboratory: SGS-SAR Lab

**SP-502 CDMA BC10 CDMA RC3+SO32 580CH Back side 15mm****DUT: SP-502; Type: mobile phone; Serial: 990019120000064**

Communication System: UID 0, CDMA (0); Frequency: 820.5 MHz; Duty Cycle: 1:1

Medium: HSL835; Medium parameters used:  $f = 820.5$  MHz;  $\sigma = 0.892$  S/m;  $\epsilon_r = 42.364$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7620; ConvF(10.33, 10.33, 10.33); Calibrated: 2021-08-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1327; Calibrated: 2021-11-05
- Phantom: SAM6; Type: SAM; Serial: 1824
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

Maximum value of SAR (measured) = 0.195 W/kg

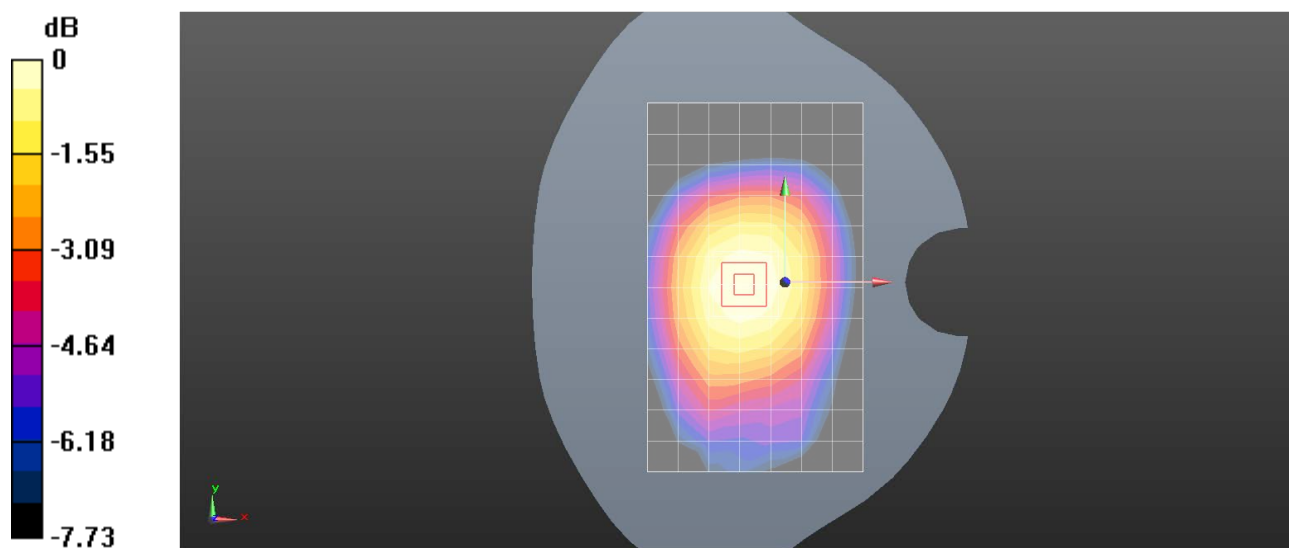
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.69 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.215 W/kg

**SAR(1 g) = 0.162 W/kg; SAR(10 g) = 0.123 W/kg**

Maximum value of SAR (measured) = 0.196 W/kg



0 dB = 0.196 W/kg = -7.08 dBW/kg

Test Laboratory: SGS-SAR Lab

**SP-502 CDMA BC10 EVDO RTAP 153.6Kbps 580CH Back side 10mm****DUT: SP-502; Type: mobile phone; Serial: 990019120000064**

Communication System: UID 0, CDMA (0); Frequency: 820.5 MHz; Duty Cycle: 1:1

Medium: HSL835; Medium parameters used:  $f = 820.5$  MHz;  $\sigma = 0.892$  S/m;  $\epsilon_r = 42.364$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7620; ConvF(10.33, 10.33, 10.33); Calibrated: 2021-08-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1327; Calibrated: 2021-11-05
- Phantom: SAM6; Type: SAM; Serial: 1824
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

Maximum value of SAR (measured) = 0.344 W/kg

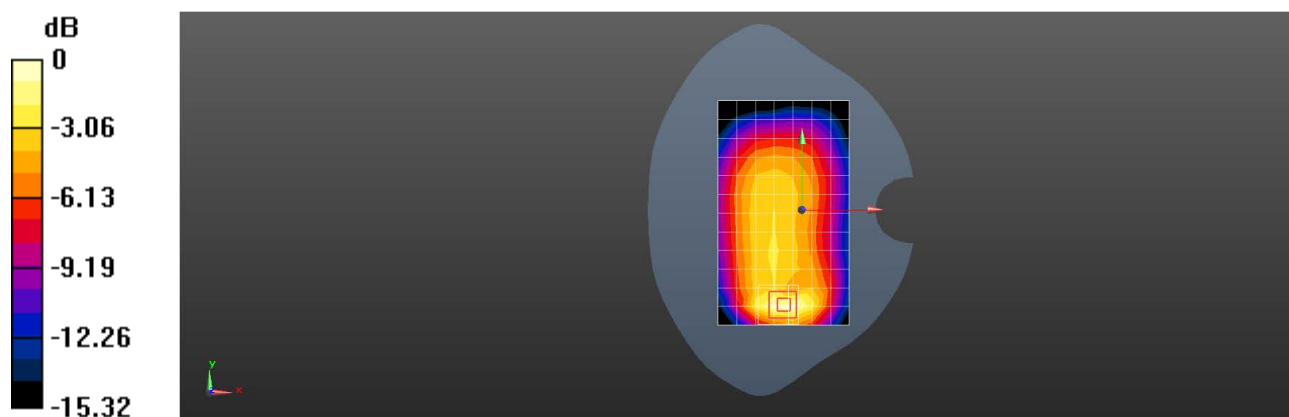
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.09 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.455 W/kg

**SAR(1 g) = 0.242 W/kg; SAR(10 g) = 0.136 W/kg**

Maximum value of SAR (measured) = 0.374 W/kg



0 dB = 0.374 W/kg = -4.27 dBW/kg

Test Laboratory: SGS-SAR Lab

## SP-502 LTE Band 12 10M QPSK 1RB0 23095CH Left cheek

**DUT: SP-502; Type: mobile phone; Serial: 990019120000064**

Communication System: UID 0, LTE-FDD BW 10MHZ (0); Frequency: 707.5 MHz; Duty Cycle: 1:1

Medium: HSL750; Medium parameters used:  $f = 707.5$  MHz;  $\sigma = 0.848$  S/m;  $\epsilon_r = 42.292$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7620; ConvF(10.79, 10.79, 10.79); Calibrated: 2021-08-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1327; Calibrated: 2021-11-05
- Phantom: SAM6; Type: SAM; Serial: 1824
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

Maximum value of SAR (measured) = 0.255 W/kg

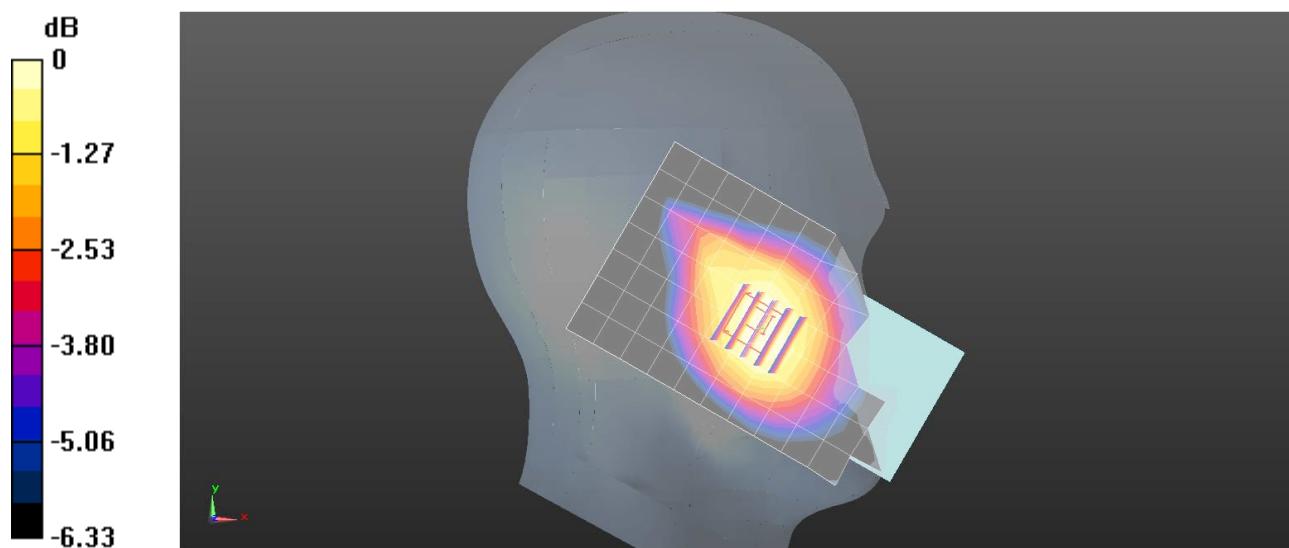
**Configuration/Head/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.579 V/m; Power Drift = -0.05dB

Peak SAR (extrapolated) = 0.269 W/kg

**SAR(1 g) = 0.226 W/kg; SAR(10 g) = 0.184 W/kg**

Maximum value of SAR (measured) = 0.254 W/kg



0 dB = 0.254 W/kg = -5.95 dBW/kg

Test Laboratory: SGS-SAR Lab

**SP-502 LTE Band 12 10M QPSK 1RB0 23095CH Back side 15mm****DUT: SP-502; Type: mobile phone; Serial: 990019120000064**

Communication System: UID 0, LTE-FDD BW 10MHZ (0); Frequency: 707.5 MHz;Duty Cycle: 1:1

Medium: HSL750;Medium parameters used:  $f = 707.5$  MHz;  $\sigma = 0.848$  S/m;  $\epsilon_r = 42.292$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7620; ConvF(10.79, 10.79, 10.79); Calibrated: 2021-08-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1327; Calibrated: 2021-11-05
- Phantom: SAM6; Type: SAM; Serial: 1824
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

Maximum value of SAR (measured) = 0.490 W/kg

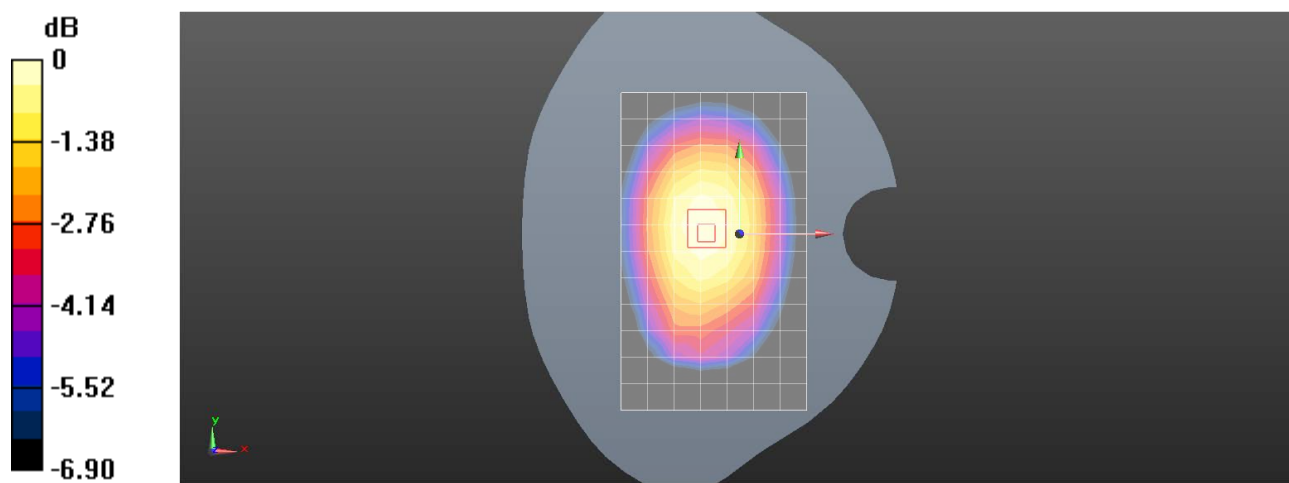
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.76 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.545 W/kg

**SAR(1 g) = 0.423 W/kg; SAR(10 g) = 0.328 W/kg**

Maximum value of SAR (measured) = 0.502 W/kg



0 dB = 0.502 W/kg = -2.99 dBW/kg

Test Laboratory: SGS-SAR Lab

**SP-502 LTE Band 12 10M QPSK 1RB0 23095CH Back side 10mm****DUT: SP-502; Type: mobile phone; Serial: 990019120000064**

Communication System: UID 0, LTE-FDD BW 10MHZ (0); Frequency: 707.5 MHz;Duty Cycle: 1:1

Medium: HSL750;Medium parameters used:  $f = 707.5$  MHz;  $\sigma = 0.848$  S/m;  $\epsilon_r = 42.292$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7620; ConvF(10.79, 10.79, 10.79); Calibrated: 2021-08-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1327; Calibrated: 2021-11-05
- Phantom: SAM6; Type: SAM; Serial: 1824
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

Maximum value of SAR (measured) = 0.536 W/kg

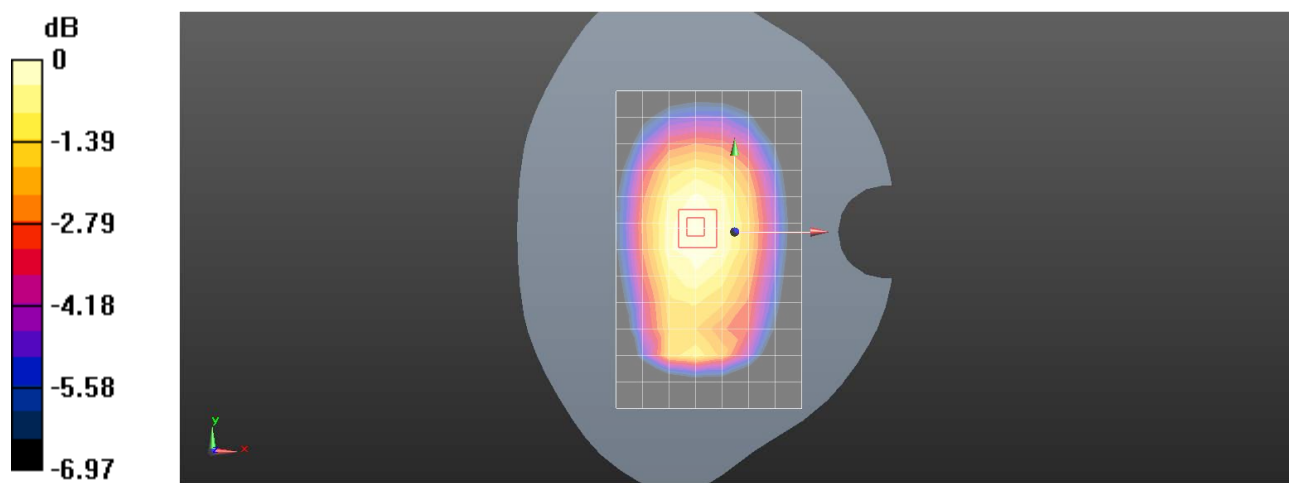
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.56 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.593 W/kg

**SAR(1 g) = 0.465 W/kg; SAR(10 g) = 0.362 W/kg**

Maximum value of SAR (measured) = 0.550 W/kg



0 dB = 0.550 W/kg = -2.60 dBW/kg

Test Laboratory: SGS-SAR Lab

## SP-502 LTE Band 25 20M QPSK 1RB0 26365CH Left cheek

**DUT: SP-502; Type: mobile phone; Serial: 990019120000064**

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 1882.5 MHz;Duty Cycle: 1:1

Medium: HSL1900;Medium parameters used:  $f = 1882.5$  MHz;  $\sigma = 1.389$  S/m;  $\epsilon_r = 40.008$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7620; ConvF(8.67, 8.67, 8.67); Calibrated: 2021-08-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1327; Calibrated: 2021-11-05
- Phantom: SAM6; Type: SAM; Serial: 1824
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

Maximum value of SAR (measured) = 0.271 W/kg

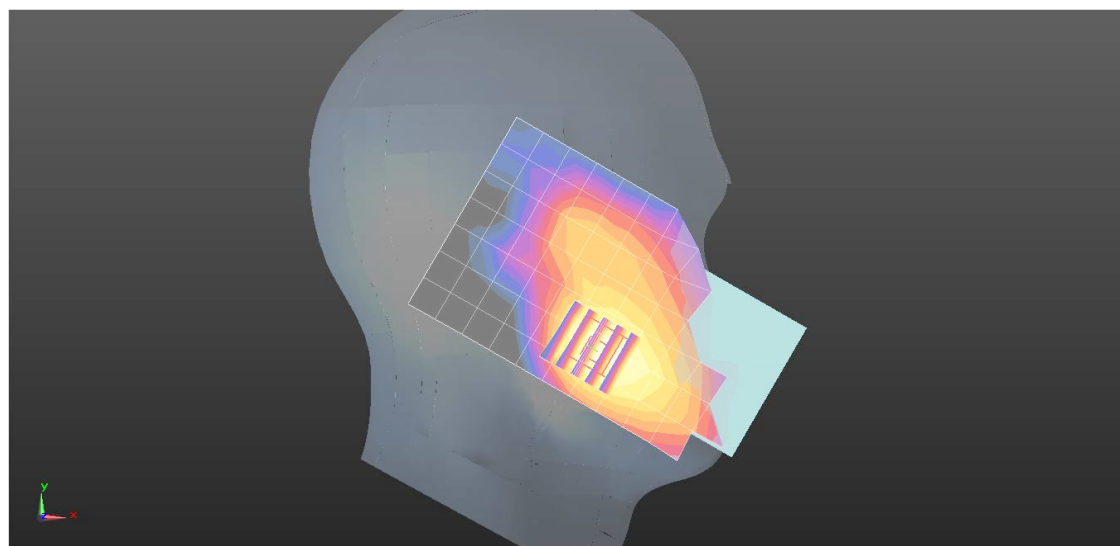
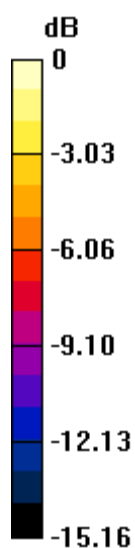
**Configuration/Head/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.076 V/m; Power Drift = -0.02dB

Peak SAR (extrapolated) = 0.329 W/kg

**SAR(1 g) = 0.206 W/kg; SAR(10 g) = 0.129 W/kg**

Maximum value of SAR (measured) = 0.285 W/kg



0 dB = 0.285 W/kg = -5.45 dBW/kg

Test Laboratory: SGS-SAR Lab

## SP-502 LTE Band 25 20M QPSK 1RB0 26365CH Back side 15mm

**DUT: SP-502; Type: mobile phone; Serial: 990019120000064**

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: HSL1900; Medium parameters used:  $f = 1882.5$  MHz;  $\sigma = 1.389$  S/m;  $\epsilon_r = 40.008$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7620; ConvF(8.67, 8.67, 8.67); Calibrated: 2021-08-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1327; Calibrated: 2021-11-05
- Phantom: SAM6; Type: SAM; Serial: 1824
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

Maximum value of SAR (measured) = 0.324 W/kg

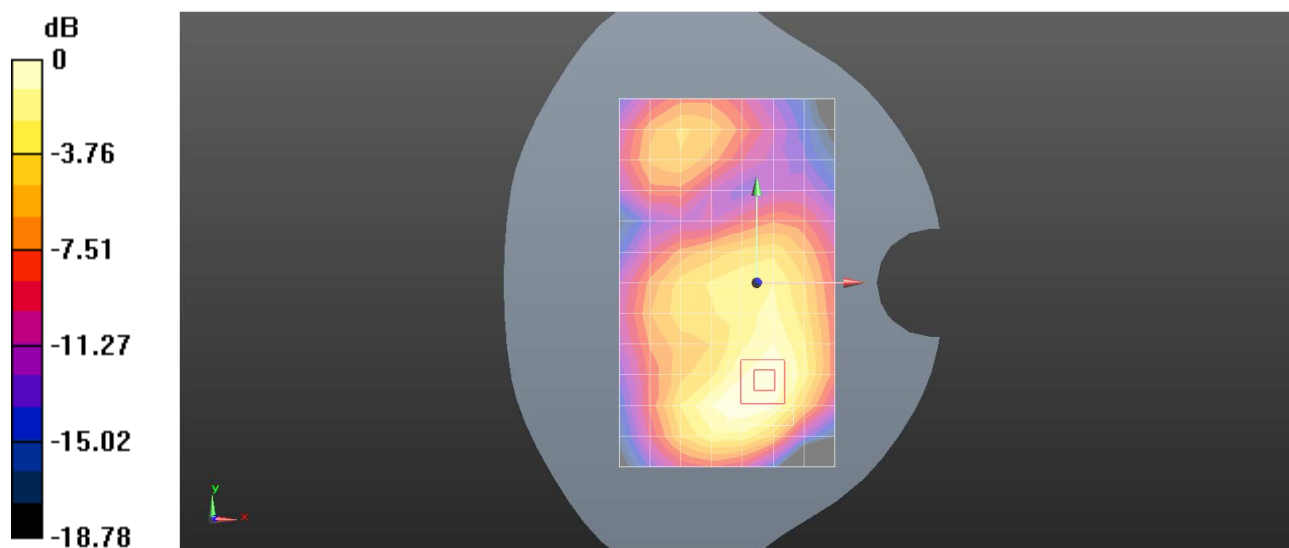
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.331 V/m; Power Drift = 0.05dB

Peak SAR (extrapolated) = 0.397 W/kg

**SAR(1 g) = 0.230 W/kg; SAR(10 g) = 0.136 W/kg**

Maximum value of SAR (measured) = 0.328 W/kg



0 dB = 0.328 W/kg = -4.84 dBW/kg

Test Laboratory: SGS-SAR Lab

## SP-502 LTE Band 25 20M QPSK 1RB0 26365CH Front side 10mm

**DUT: SP-502; Type: mobile phone; Serial: 990019120000064**

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: HSL1900; Medium parameters used:  $f = 1882.5$  MHz;  $\sigma = 1.389$  S/m;  $\epsilon_r = 40.008$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7620; ConvF(8.67, 8.67, 8.67); Calibrated: 2021-08-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1327; Calibrated: 2021-11-05
- Phantom: SAM6; Type: SAM; Serial: 1824
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

Maximum value of SAR (measured) = 0.675 W/kg

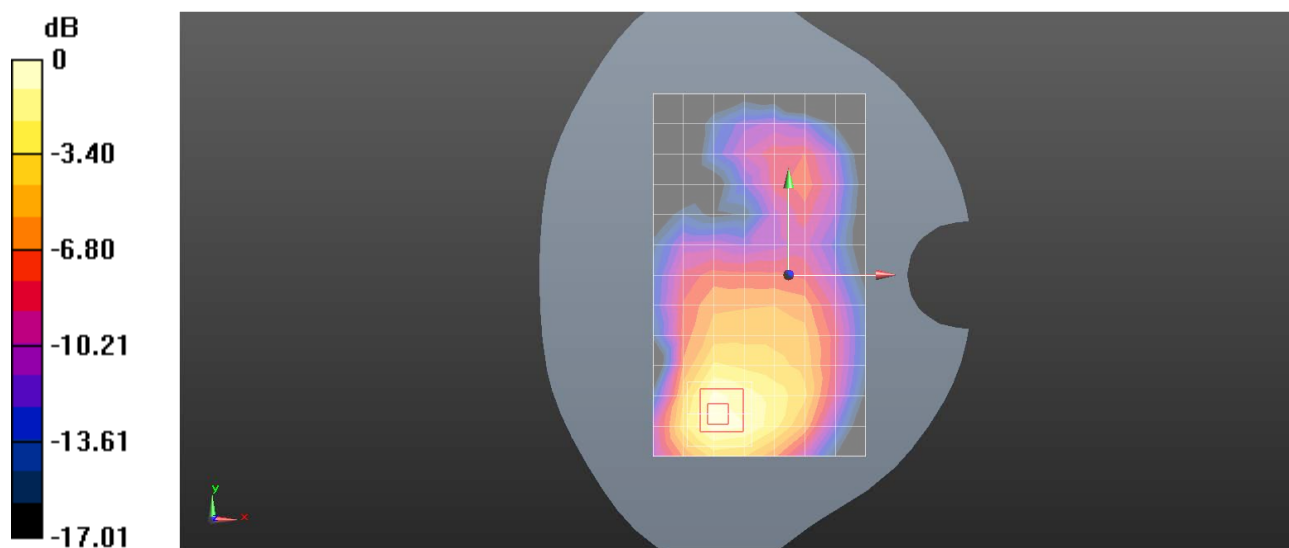
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.672 V/m; Power Drift = 0.08dB

Peak SAR (extrapolated) = 0.875 W/kg

**SAR(1 g) = 0.523 W/kg; SAR(10 g) = 0.304 W/kg**

Maximum value of SAR (measured) = 0.754 W/kg



0 dB = 0.754 W/kg = -1.23 dBW/kg



Test Laboratory: SGS-SAR Lab

## SP-502 LTE Band 26 15M QPSK 1RB0 26865CH Left cheek

**DUT: SP-502; Type: mobile phone; Serial: 990019120000064**

Communication System: UID 0, LTE-FDD BW 15MHz (0); Frequency: 831.5 MHz; Duty Cycle: 1:1

Medium: HSL835; Medium parameters used:  $f = 831.5$  MHz;  $\sigma = 0.899$  S/m;  $\epsilon_r = 42.308$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7620; ConvF(10.33, 10.33, 10.33); Calibrated: 2021-08-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1327; Calibrated: 2021-11-05
- Phantom: SAM6; Type: SAM; Serial: 1824
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

Maximum value of SAR (measured) = 0.125 W/kg

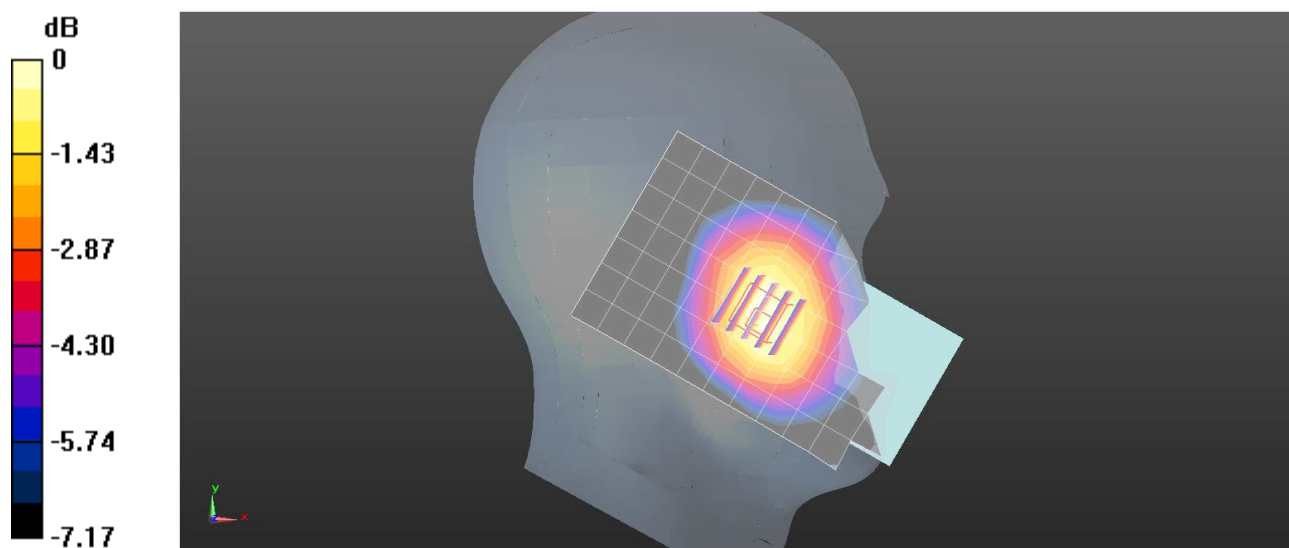
**Configuration/Head/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.042 V/m; Power Drift = -0.02dB

Peak SAR (extrapolated) = 0.144 W/kg

**SAR(1 g) = 0.113 W/kg; SAR(10 g) = 0.087 W/kg**

Maximum value of SAR (measured) = 0.133 W/kg



0 dB = 0.133 W/kg = -8.76 dBW/kg

Test Laboratory: SGS-SAR Lab

## SP-502 LTE Band 26 15M QPSK 1RB0 26865CH Back side 15mm

**DUT: SP-502; Type: mobile phone; Serial: 990019120000064**

Communication System: UID 0, LTE-FDD BW 15MHz (0); Frequency: 831.5 MHz; Duty Cycle: 1:1

Medium: HSL835; Medium parameters used:  $f = 831.5$  MHz;  $\sigma = 0.899$  S/m;  $\epsilon_r = 42.308$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7620; ConvF(10.33, 10.33, 10.33); Calibrated: 2021-08-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1327; Calibrated: 2021-11-05
- Phantom: SAM6; Type: SAM; Serial: 1824
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

Maximum value of SAR (measured) = 0.168 W/kg

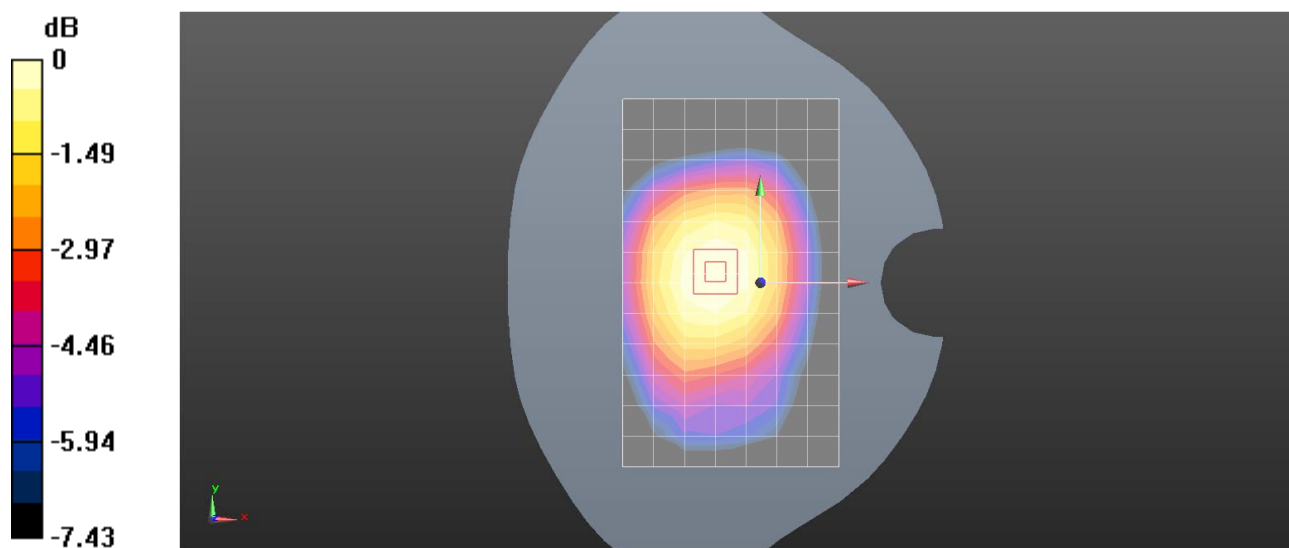
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.72 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.180 W/kg

**SAR(1 g) = 0.140 W/kg; SAR(10 g) = 0.107 W/kg**

Maximum value of SAR (measured) = 0.167 W/kg



0 dB = 0.167 W/kg = -7.77 dBW/kg

Test Laboratory: SGS-SAR Lab

## SP-502 LTE Band 26 15M QPSK 36RB0 26865CH Back side10mm

**DUT: SP-502; Type: mobile phone; Serial: 990019120000064**

Communication System: UID 0, LTE-FDD BW 15MHz (0); Frequency: 831.5 MHz;Duty Cycle: 1:1

Medium: HSL835;Medium parameters used:  $f = 831.5$  MHz;  $\sigma = 0.899$  S/m;  $\epsilon_r = 42.308$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7620; ConvF(10.33, 10.33, 10.33); Calibrated: 2021-08-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1327; Calibrated: 2021-11-05
- Phantom: SAM6; Type: SAM; Serial: 1824
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

Maximum value of SAR (measured) = 0.161 W/kg

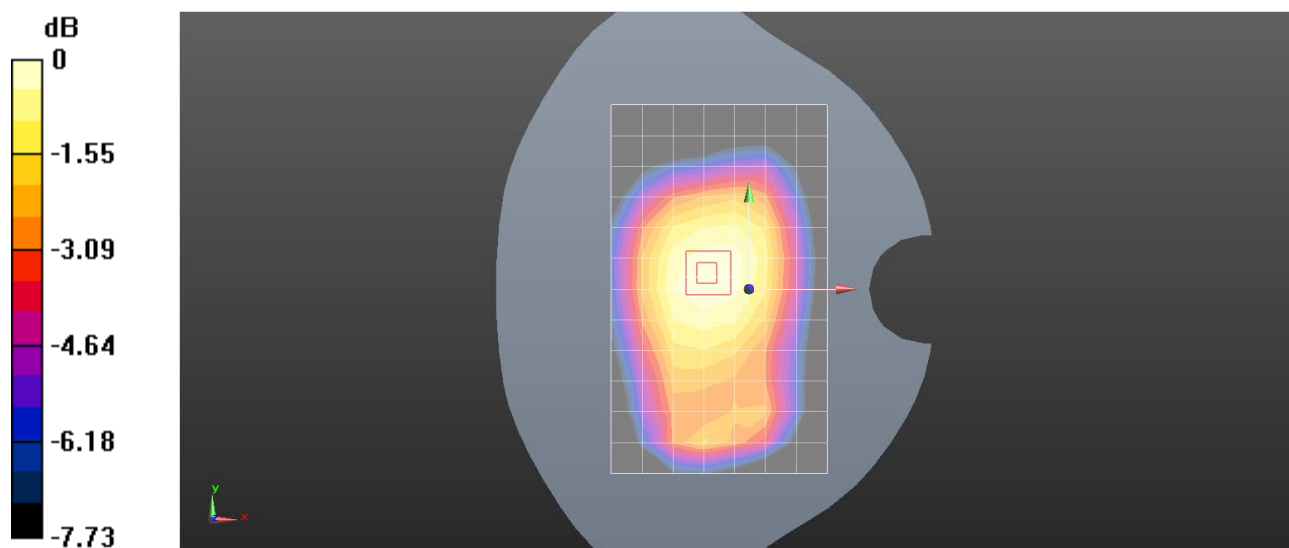
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.79 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.181 W/kg

**SAR(1 g) = 0.141 W/kg; SAR(10 g) = 0.110 W/kg**

Maximum value of SAR (measured) = 0.167 W/kg



0 dB = 0.167 W/kg = -7.77 dBW/kg

Test Laboratory: SGS-SAR Lab

## SP-502 LTE Band 41 20M QPSK 1RB0 40620CH Left cheek

**DUT: SP-502; Type: mobile phone; Serial: 990019120000064**

Communication System: UID 0, LTE-TDD BW 20MHz (0); Frequency: 2593 MHz; Duty Cycle: 1:1.57906

Medium: HSL2600; Medium parameters used:  $f = 2593$  MHz;  $\sigma = 1.958$  S/m;  $\epsilon_r = 38.08$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(6.72, 6.72, 6.72); Calibrated: 2021-08-12
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1374; Calibrated: 2021-11-05
- Phantom: SAM5; Type: SAM; Serial: 1481
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

**Configuration/Head/Area Scan (9x16x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.371 W/kg

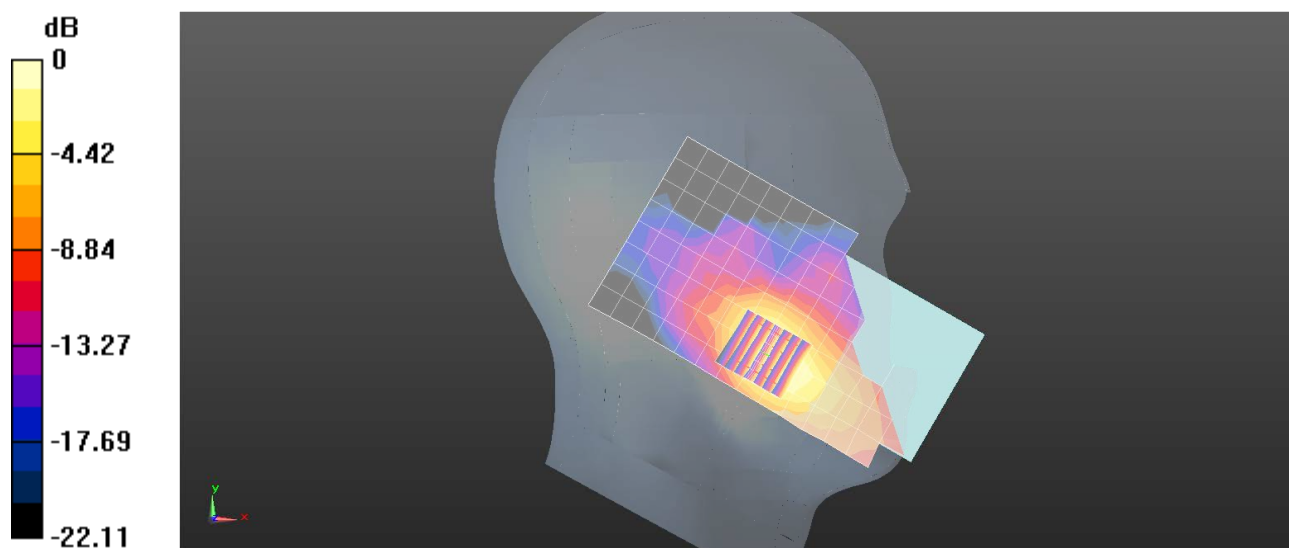
**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.069 V/m; Power Drift = 0.04dB

Peak SAR (extrapolated) = 0.506 W/kg

**SAR(1 g) = 0.263 W/kg; SAR(10 g) = 0.134 W/kg**

Maximum value of SAR (measured) = 0.403 W/kg



0 dB = 0.403 W/kg = -3.95 dBW/kg

Test Laboratory: SGS-SAR Lab

**SP-502 LTE Band 41 20M QPSK 1RB0 40620CH Back side 15mm****DUT: SP-502; Type: mobile phone; Serial: 990019120000064**

Communication System: UID 0, LTE-TDD BW 20MHz (0); Frequency: 2593 MHz;Duty Cycle: 1:1.57906

Medium: HSL2600;Medium parameters used:  $f = 2593$  MHz;  $\sigma = 1.958$  S/m;  $\epsilon_r = 38.08$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(6.72, 6.72, 6.72); Calibrated: 2021-08-12
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1374; Calibrated: 2021-11-05
- Phantom: SAM5; Type: SAM; Serial: 1481
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

**Configuration/Body/Area Scan (9x16x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.272 W/kg

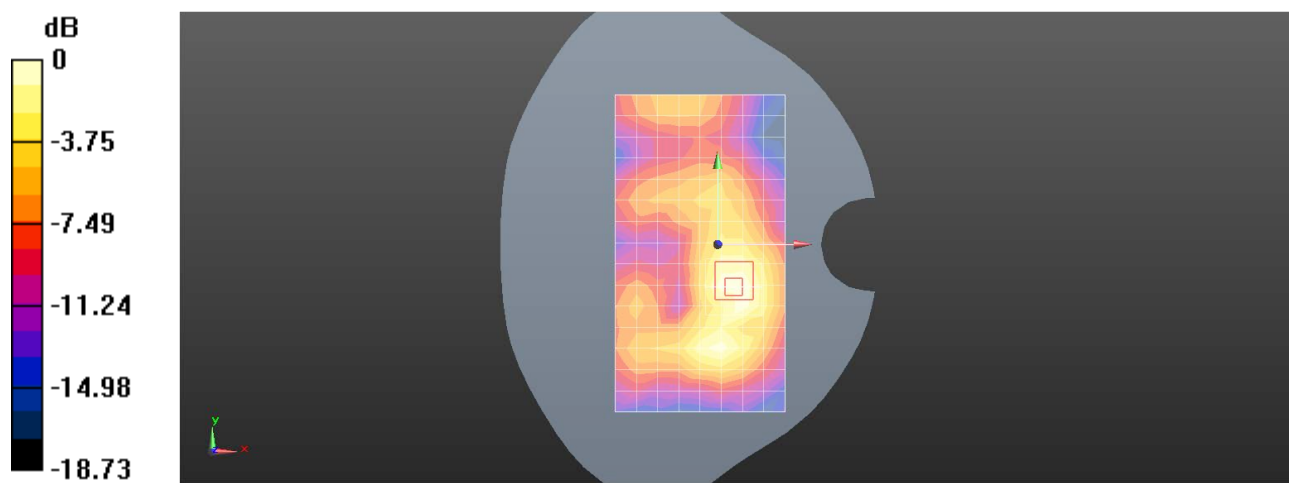
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.172 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.368 W/kg

**SAR(1 g) = 0.195 W/kg; SAR(10 g) = 0.103 W/kg**

Maximum value of SAR (measured) = 0.289 W/kg



0 dB = 0.289 W/kg = -5.39 dBW/kg

Test Laboratory: SGS-SAR Lab

**SP-502 LTE Band 41 20M QPSK 1RB0 40620CH Back side 10mm****DUT: SP-502; Type: mobile phone; Serial: 990019120000064**

Communication System: UID 0, LTE-TDD BW 20MHz (0); Frequency: 2593 MHz; Duty Cycle: 1:1.57906

Medium: HSL2600; Medium parameters used:  $f = 2593$  MHz;  $\sigma = 1.959$  S/m;  $\epsilon_r = 38.091$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(6.72, 6.72, 6.72); Calibrated: 2021-08-12
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1374; Calibrated: 2021-11-05
- Phantom: SAM5; Type: SAM; Serial: 1481
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

**Configuration/Head/Area Scan (10x16x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.493 W/kg

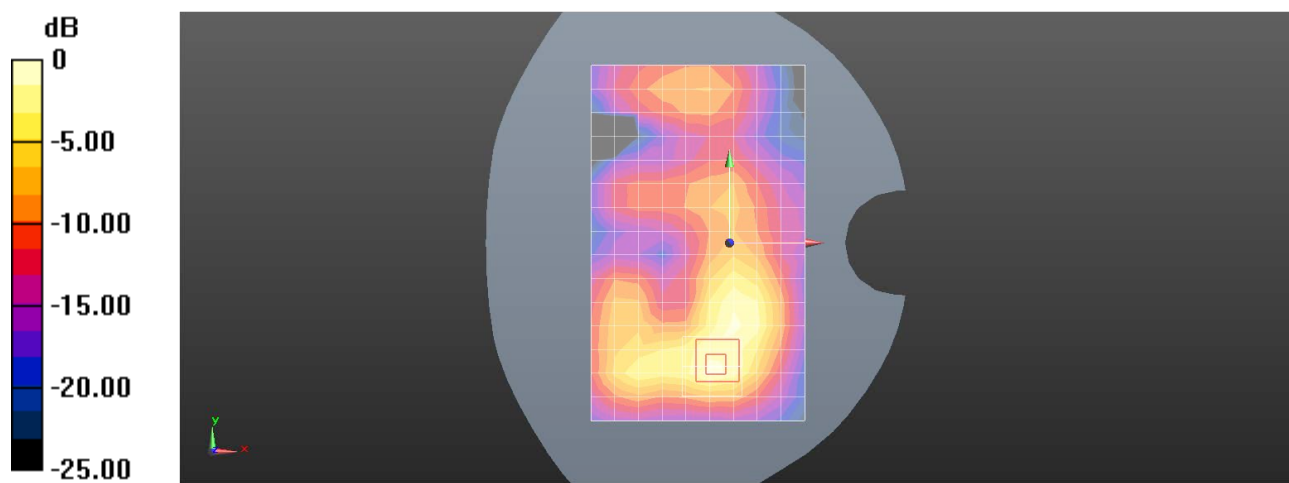
**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.673 V/m; Power Drift = 0.04dB

Peak SAR (extrapolated) = 0.801 W/kg

**SAR(1 g) = 0.347 W/kg; SAR(10 g) = 0.151 W/kg**

Maximum value of SAR (measured) = 0.612 W/kg



0 dB = 0.612 W/kg = -2.13 dBW/kg

Test Laboratory: SGS-SAR Lab

## SP-502 LTE Band 66 20M QPSK 1RB0 132322CH Left cheek

**DUT: SP-502; Type: mobile phone; Serial: 990019120000064**

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 1745 MHz;Duty Cycle: 1:1

Medium: HSL1750;Medium parameters used:  $f = 1745$  MHz;  $\sigma = 1.328$  S/m;  $\epsilon_r = 38.779$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7620; ConvF(8.97, 8.97, 8.97); Calibrated: 2021-08-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1327; Calibrated: 2021-11-05
- Phantom: SAM6; Type: SAM; Serial: 1824
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

Maximum value of SAR (measured) = 0.202 W/kg

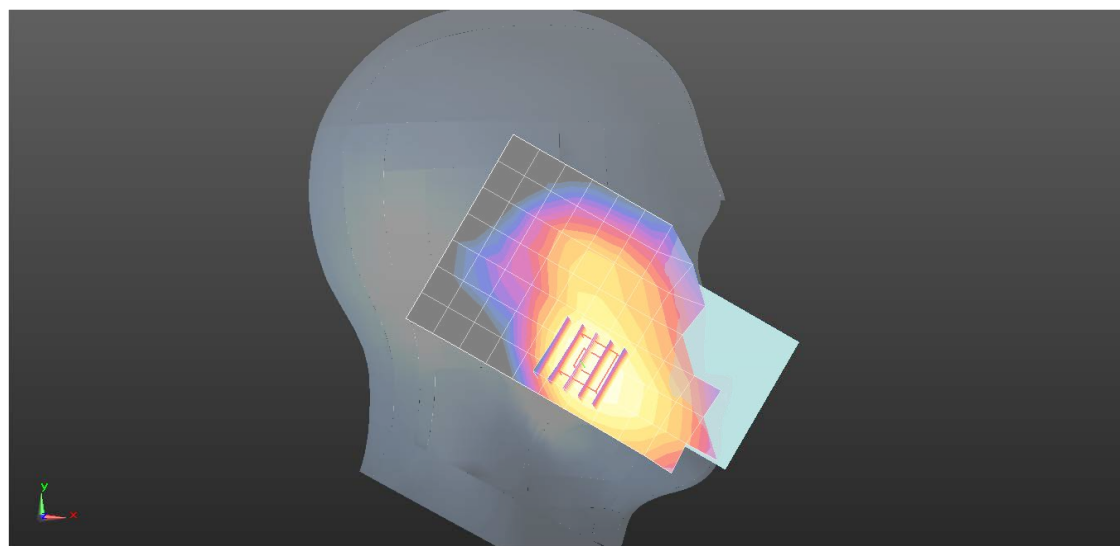
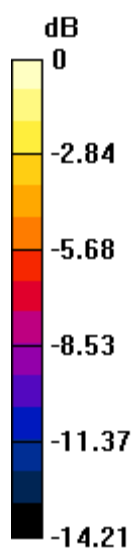
**Configuration/Head/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.873 V/m; Power Drift = -0.04dB

Peak SAR (extrapolated) = 0.229 W/kg

**SAR(1 g) = 0.157 W/kg; SAR(10 g) = 0.107 W/kg**

Maximum value of SAR (measured) = 0.202 W/kg



0 dB = 0.202 W/kg = -6.95 dBW/kg

Test Laboratory: SGS-SAR Lab

**SP-502 LTE Band 66 20M QPSK 1RB0 132322CH Back side 15mm****DUT: SP-502; Type: mobile phone; Serial: 990019120000064**

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 1745 MHz;Duty Cycle: 1:1

Medium: HSL1750;Medium parameters used:  $f = 1745$  MHz;  $\sigma = 1.328$  S/m;  $\epsilon_r = 38.779$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7620; ConvF(8.97, 8.97, 8.97); Calibrated: 2021-08-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1327; Calibrated: 2021-11-05
- Phantom: SAM6; Type: SAM; Serial: 1824
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

Maximum value of SAR (measured) = 0.325 W/kg

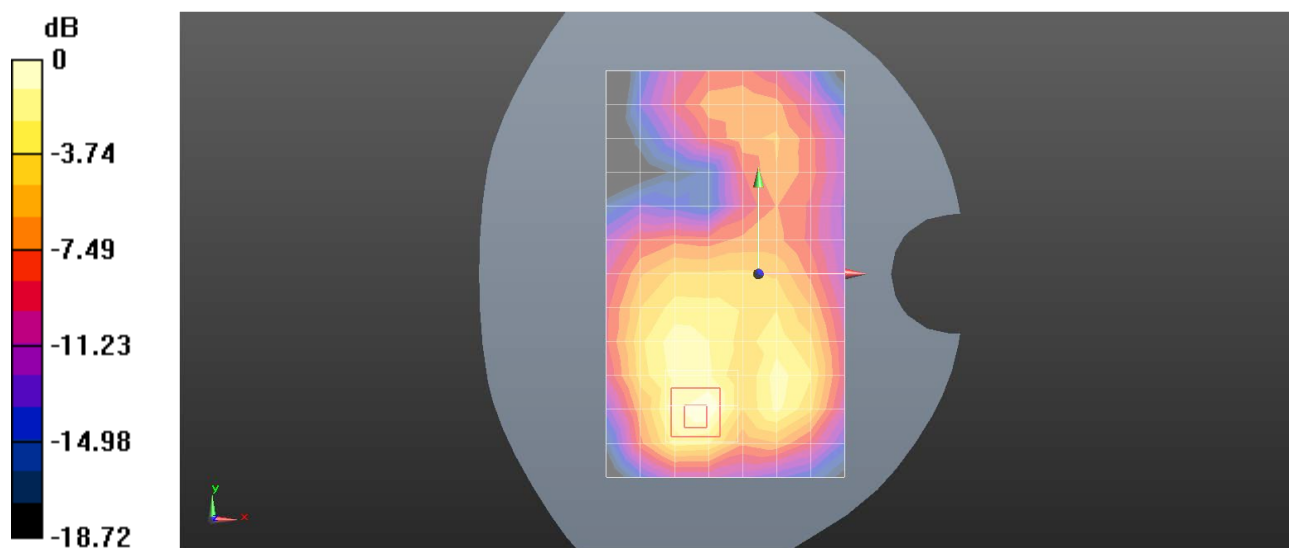
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.009 V/m; Power Drift = 0.08dB

Peak SAR (extrapolated) = 0.434 W/kg

**SAR(1 g) = 0.224 W/kg; SAR(10 g) = 0.116 W/kg**

Maximum value of SAR (measured) = 0.326 W/kg



0 dB = 0.326 W/kg = -4.87 dBW/kg



Test Laboratory: SGS-SAR Lab

## SP-502 LTE Band 66 20M QPSK 1RB0 132322CH Back side 10mm

**DUT: SP-502; Type: mobile phone; Serial: 990019120000064**

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 1745 MHz; Duty Cycle: 1:1

Medium: HSL1750; Medium parameters used:  $f = 1745$  MHz;  $\sigma = 1.328$  S/m;  $\epsilon_r = 38.779$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7620; ConvF(8.97, 8.97, 8.97); Calibrated: 2021-08-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1327; Calibrated: 2021-11-05
- Phantom: SAM6; Type: SAM; Serial: 1824
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

Maximum value of SAR (measured) = 0.577 W/kg

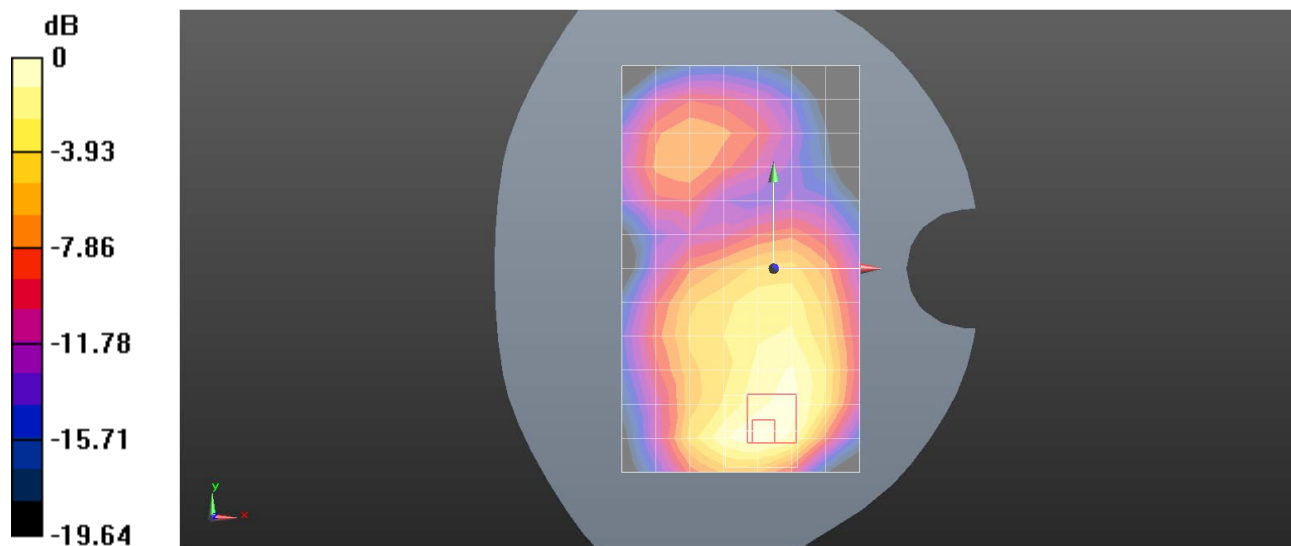
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.904 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.730 W/kg

**SAR(1 g) = 0.381 W/kg; SAR(10 g) = 0.215 W/kg**

Maximum value of SAR (measured) = 0.599 W/kg



0 dB = 0.599 W/kg = -2.23 dBW/kg

Test Laboratory: SGS-SAR Lab

**SP-502 LTE Band71 20M QPSK 1RB0 133322CH Left cheek****DUT: SP-502; Type: mobile phone; Serial: 990019120000064**

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 683 MHz;Duty Cycle: 1:1

Medium: HSL750;Medium parameters used:  $f = 683 \text{ MHz}$ ;  $\sigma = 0.826 \text{ S/m}$ ;  $\epsilon_r = 42.64$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7620; ConvF(10.79, 10.79, 10.79); Calibrated: 2021-08-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1327; Calibrated: 2021-11-05
- Phantom: SAM6; Type: SAM; Serial: 1824
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

**Configuration/Head/Area Scan (8x13x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$ 

Maximum value of SAR (measured) = 0.0748 W/kg

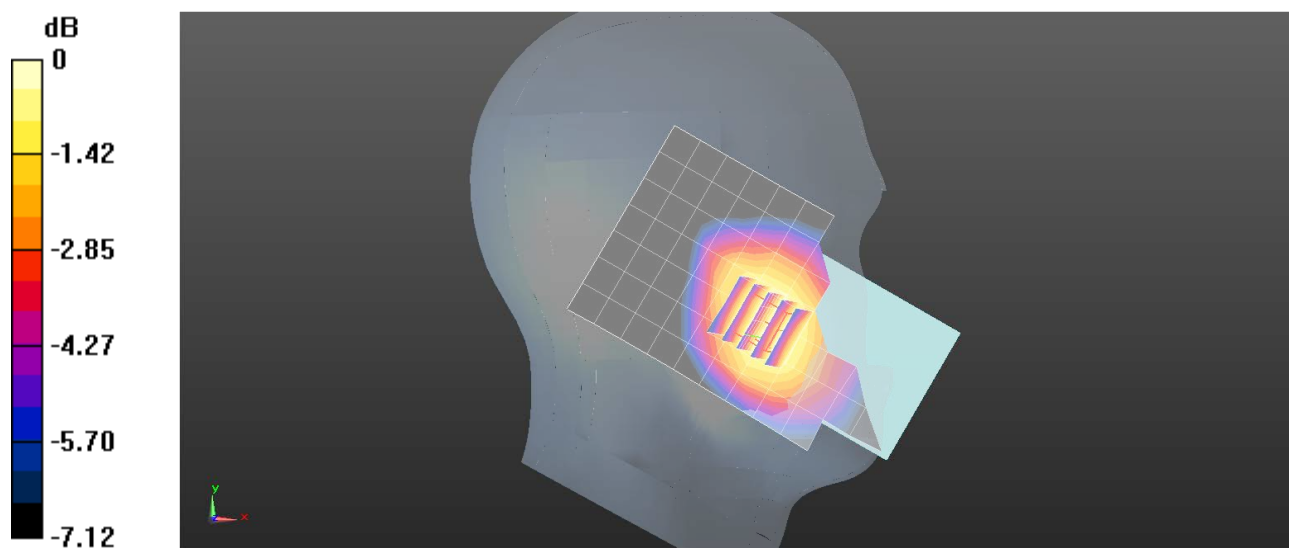
**Configuration/Head/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$ 

Reference Value = 2.172 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.0840 W/kg

**SAR(1 g) = 0.067 W/kg; SAR(10 g) = 0.054 W/kg**

Maximum value of SAR (measured) = 0.0780 W/kg



0 dB = 0.0780 W/kg = -11.08 dBW/kg

Test Laboratory: SGS-SAR Lab

**SP-502 LTE Band71 20M QPSK 1RB0 133322CH Back side 15mm****DUT: SP-502; Type: mobile phone; Serial: 990019120000064**

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 683 MHz; Duty Cycle: 1:1

Medium: HSL750; Medium parameters used:  $f = 683$  MHz;  $\sigma = 0.826$  S/m;  $\epsilon_r = 42.64$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7620; ConvF(10.79, 10.79, 10.79); Calibrated: 2021-08-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1327; Calibrated: 2021-11-05
- Phantom: SAM6; Type: SAM; Serial: 1824
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

Maximum value of SAR (measured) = 0.118 W/kg

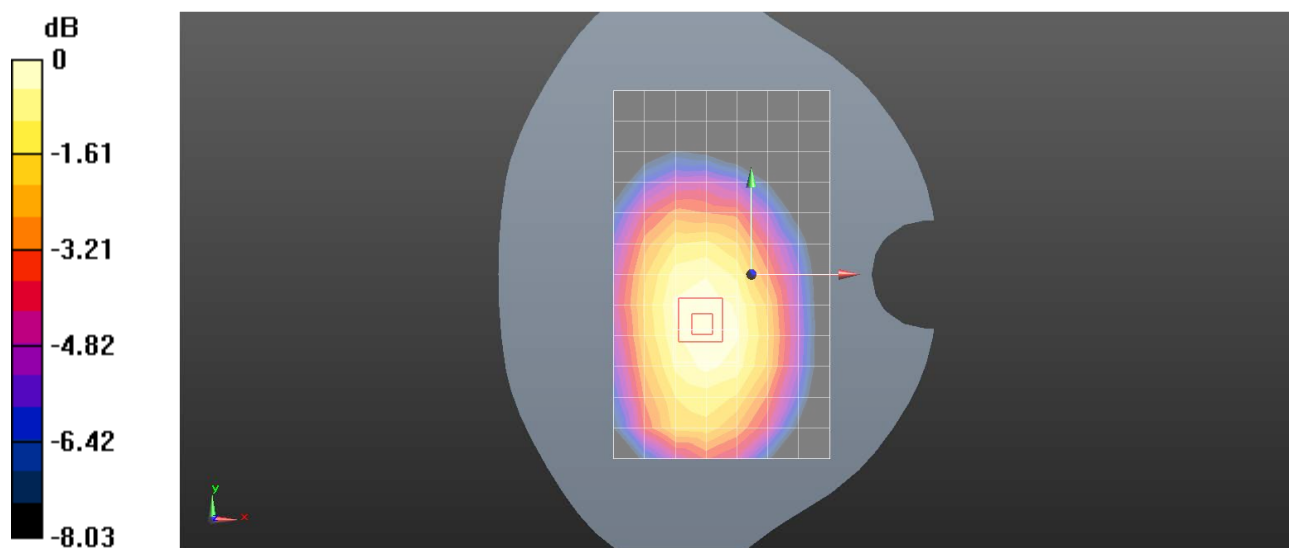
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.36 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.130 W/kg

**SAR(1 g) = 0.100 W/kg; SAR(10 g) = 0.078 W/kg**

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



0 dB = 0.120 W/kg = -9.21 dBW/kg

Test Laboratory: SGS-SAR Lab

**SP-502 LTE Band71 20M QPSK 1RB0 133322CH Back side 10mm****DUT: SP-502; Type: mobile phone; Serial: 990019120000064**

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 683 MHz;Duty Cycle: 1:1

Medium: HSL750;Medium parameters used:  $f = 683$  MHz;  $\sigma = 0.826$  S/m;  $\epsilon_r = 42.64$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7620; ConvF(10.79, 10.79, 10.79); Calibrated: 2021-08-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1327; Calibrated: 2021-11-05
- Phantom: SAM6; Type: SAM; Serial: 1824
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

Maximum value of SAR (measured) = 0.147 W/kg

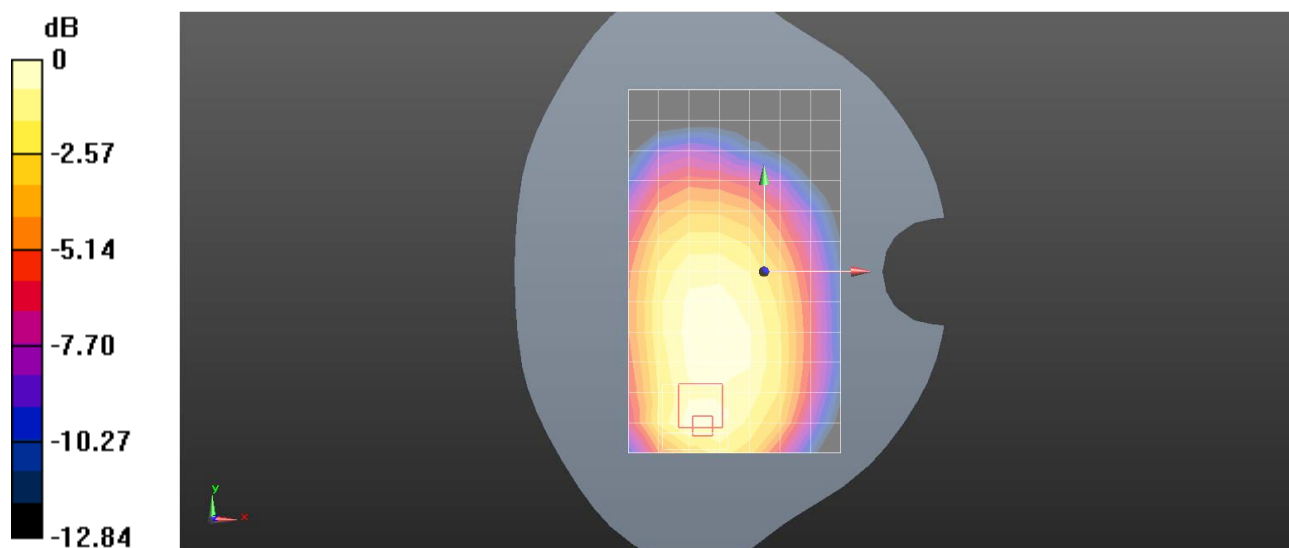
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.24 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.189 W/kg

**SAR(1 g) = 0.111 W/kg; SAR(10 g) = 0.078 W/kg**

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



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

Test Laboratory: SGS-SAR Lab

## SP-502 WIFI 2.4G 802.11b 1CH Left cheek

**DUT: SP-502; Type: mobile phone; Serial: 990019120000064**

Communication System: UID 0, WI-FI(2.4GHz) (0); Frequency: 2412 MHz;Duty Cycle: 1:1.024

Medium: HSL2450;Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.757$  S/m;  $\epsilon_r = 38.938$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(6.88, 6.88, 6.88); Calibrated: 2021-08-12
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1374; Calibrated: 2021-11-05
- Phantom: SAM5; Type: SAM; Serial: 1481
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

**Configuration/Head/Area Scan (9x16x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 2.04 W/kg

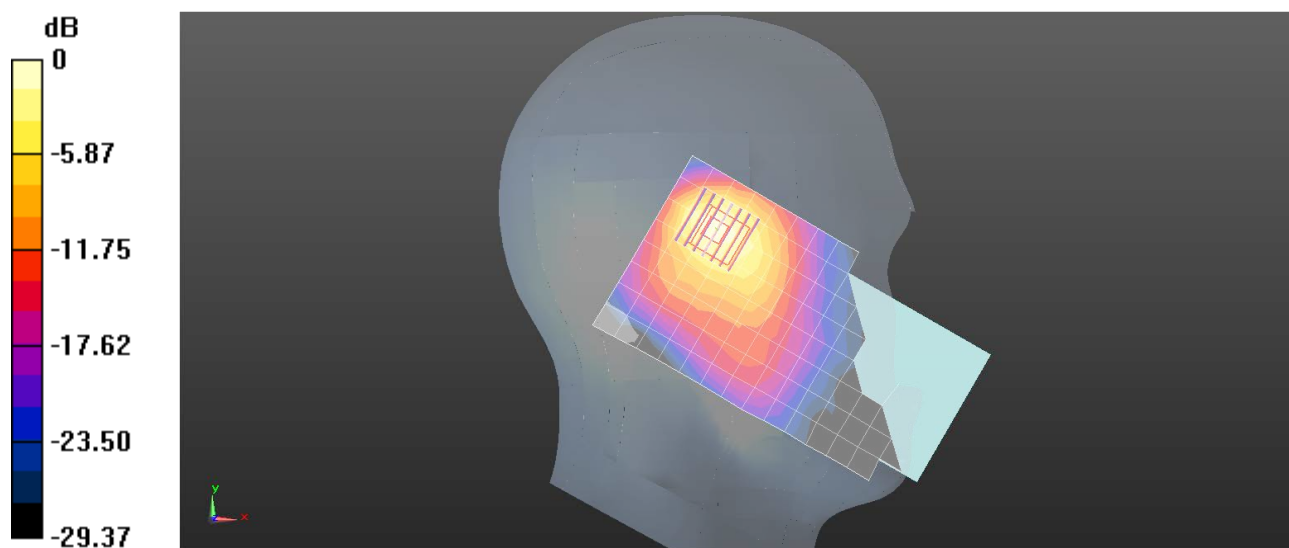
**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.77 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 2.59 W/kg

**SAR(1 g) = 1.25 W/kg; SAR(10 g) = 0.580 W/kg**

Maximum value of SAR (measured) = 2.03 W/kg



0 dB = 2.03 W/kg = 3.07 dBW/kg

Test Laboratory: SGS-SAR Lab

**SP-502 WIFI 2.4G 802.11b 11CH Back side 15mm****DUT: SP-502; Type: mobile phone; Serial: 990019120000064**

Communication System: UID 0, WI-FI(2.4GHz) (0); Frequency: 2462 MHz;Duty Cycle: 1:1.024

Medium: HSL2450;Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.816$  S/m;  $\epsilon_r = 38.696$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(6.88, 6.88, 6.88); Calibrated: 2021-08-12
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1374; Calibrated: 2021-11-05
- Phantom: SAM5; Type: SAM; Serial: 1481
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

**Configuration/Head/Area Scan (9x16x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.254 W/kg

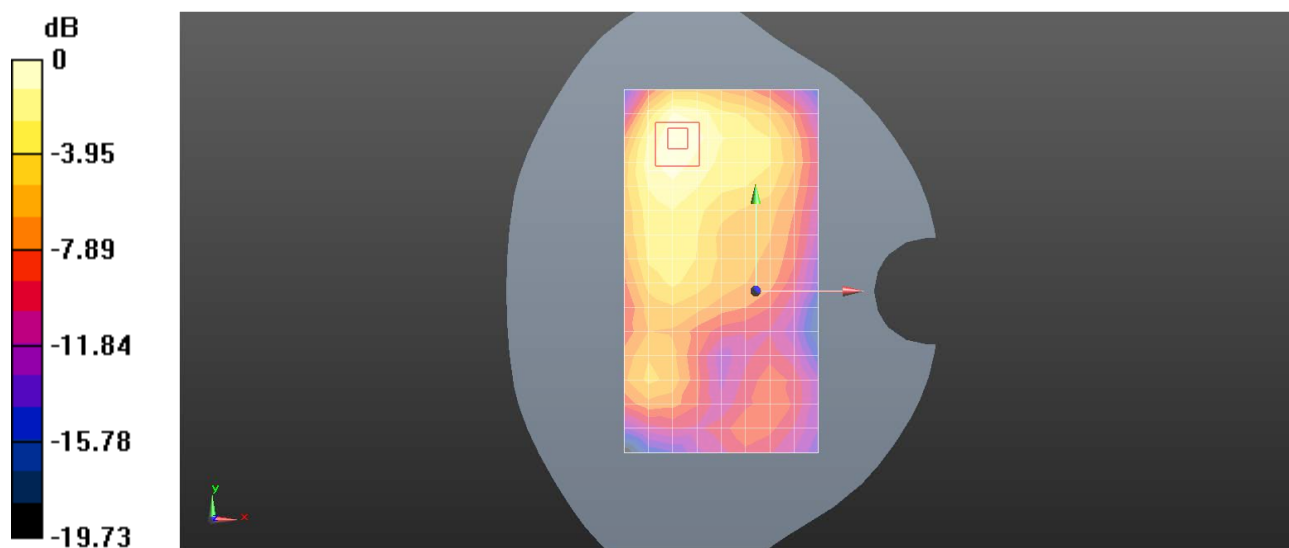
**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.817 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.324 W/kg

**SAR(1 g) = 0.158 W/kg; SAR(10 g) = 0.081 W/kg**

Maximum value of SAR (measured) = 0.257 W/kg



0 dB = 0.254 W/kg = -5.95 dBW/kg

Test Laboratory: SGS-SAR Lab

## SP-502 WIFI 2.4G 802.11b 11CH Back side 10mm

**DUT: SP-502; Type: mobile phone; Serial: 990019120000064**

Communication System: UID 0, WI-FI(2.4GHz) (0); Frequency: 2462 MHz;Duty Cycle: 1:1.024

Medium: HSL2450;Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.816$  S/m;  $\epsilon_r = 38.696$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(6.88, 6.88, 6.88); Calibrated: 2021-08-12
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1374; Calibrated: 2021-11-05
- Phantom: SAM5; Type: SAM; Serial: 1481
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

**Configuration/Head/Area Scan (9x16x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.503 W/kg

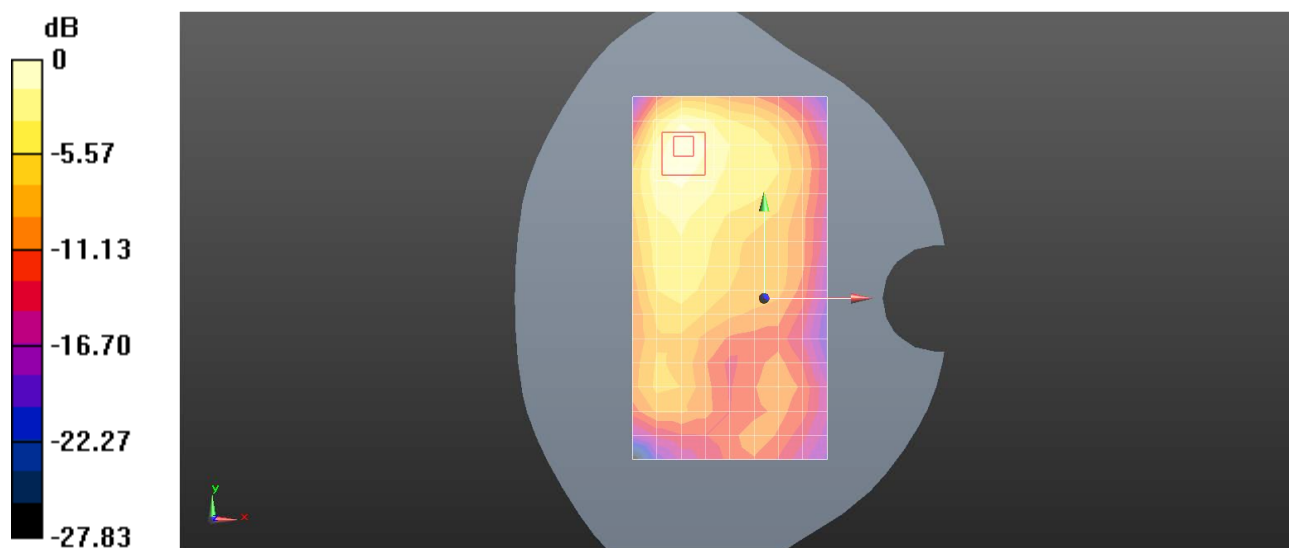
**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.817 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.633 W/kg

**SAR(1 g) = 0.297 W/kg; SAR(10 g) = 0.147 W/kg**

Maximum value of SAR (measured) = 0.495 W/kg



0 dB = 0.503 W/kg = -2.98 dBW/kg

Test Laboratory: SGS-SAR Lab

## SP-502 Bluetooth DH5 39CH Left cheek

**DUT: SP-502; Type: mobile phone; Serial: 990019120000064**

Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz; Duty Cycle: 1:1.298

Medium: HSL2450; Medium parameters used:  $f = 2441$  MHz;  $\sigma = 1.785$  S/m;  $\epsilon_r = 38.825$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(6.88, 6.88, 6.88); Calibrated: 2021-08-12
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1374; Calibrated: 2021-11-05
- Phantom: SAM5; Type: SAM; Serial: 1481
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

**Configuration/Head/Area Scan (9x16x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.236 W/kg

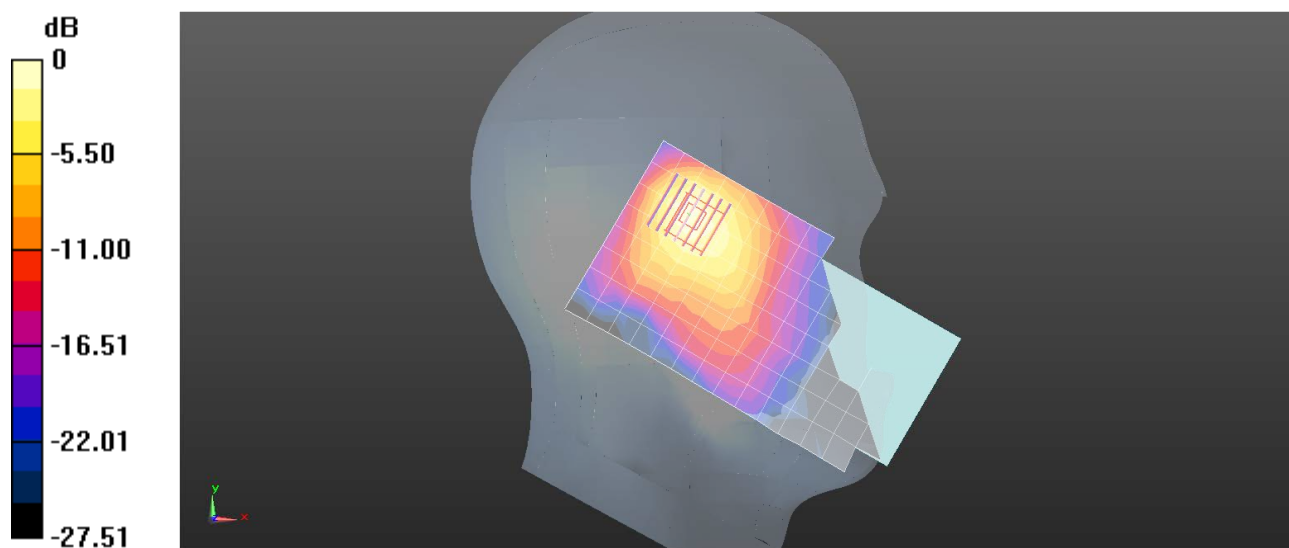
**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.407 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.310 W/kg

**SAR(1 g) = 0.157 W/kg; SAR(10 g) = 0.077 W/kg**

Maximum value of SAR (measured) = 0.248 W/kg



0 dB = 0.248 W/kg = -6.06 dBW/kg



Test Laboratory: SGS-SAR Lab

## SP-502 Bluetooth DH5 39CH Back side 15mm

**DUT: SP-502; Type: mobile phone; Serial: 990019120000064**

Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz; Duty Cycle: 1:1.298

Medium: HSL2450; Medium parameters used:  $f = 2441$  MHz;  $\sigma = 1.785$  S/m;  $\epsilon_r = 38.825$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(6.88, 6.88, 6.88); Calibrated: 2021-08-12
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1374; Calibrated: 2021-11-05
- Phantom: SAM5; Type: SAM; Serial: 1481
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

**Configuration/Body/Area Scan (9x16x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.0359 W/kg

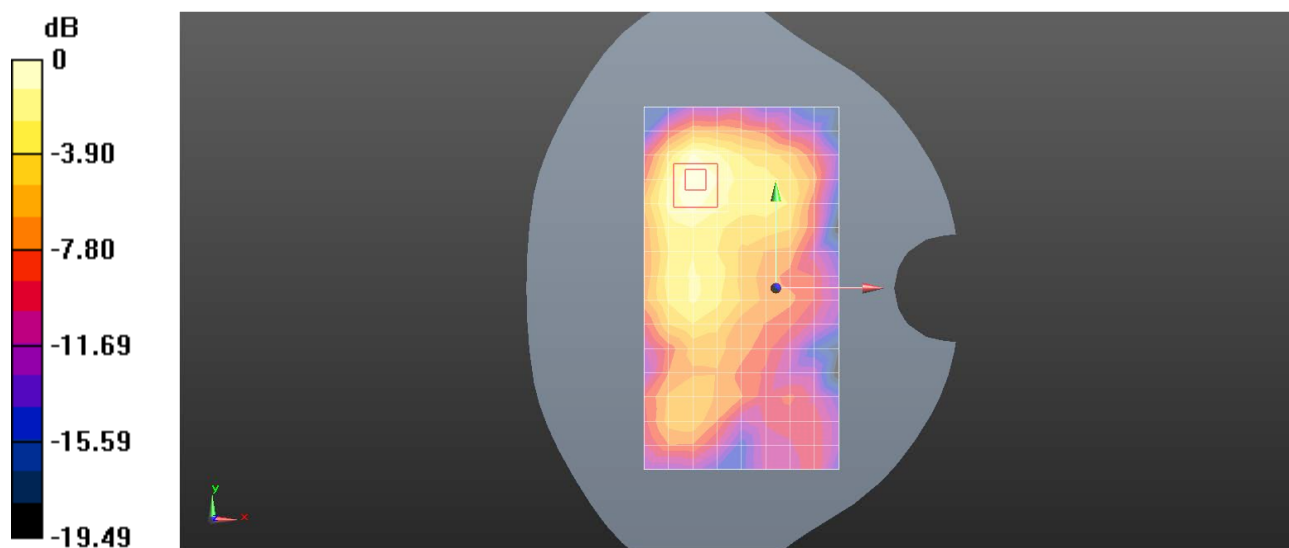
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.103 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.0460 W/kg

**SAR(1 g) = 0.023 W/kg; SAR(10 g) = 0.011 W/kg**

Maximum value of SAR (measured) = 0.0371 W/kg



0 dB = 0.0359 W/kg = -14.45 dBW/kg

Test Laboratory: SGS-SAR Lab

**SP-502 Bluetooth DH5 39CH Back side 10mm****DUT: SP-502; Type: mobile phone; Serial: 990019120000064**

Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz; Duty Cycle: 1:1.298

Medium: HSL2450; Medium parameters used:  $f = 2441$  MHz;  $\sigma = 1.785$  S/m;  $\epsilon_r = 38.825$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(6.88, 6.88, 6.88); Calibrated: 2021-08-12
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1374; Calibrated: 2021-11-05
- Phantom: SAM5; Type: SAM; Serial: 1481
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

**Configuration/Body/Area Scan (9x16x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.0804 W/kg

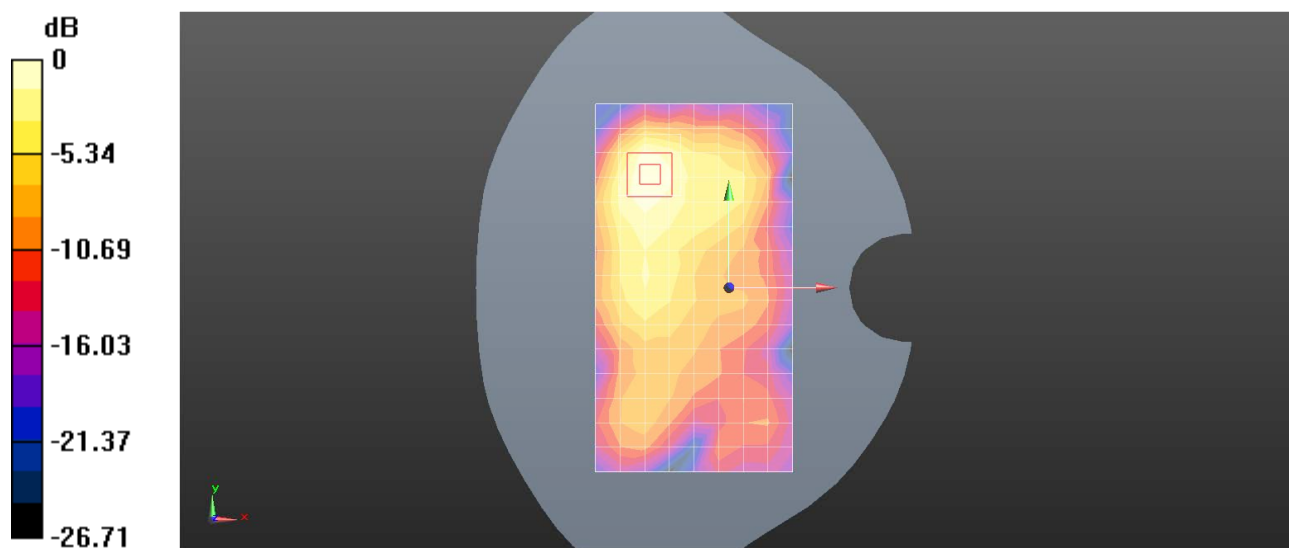
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.651 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.109 W/kg

**SAR(1 g) = 0.051 W/kg; SAR(10 g) = 0.025 W/kg**

Maximum value of SAR (measured) = 0.0847 W/kg



0 dB = 0.0804 W/kg = -10.95 dBW/kg