

Appendix B

Detailed Test Results

WCDMA Band II for Head & Body & Limbs
WCDMA Band IV for Head & Body & Limbs
WCDMA Band V for Head & Body
LTE Band 2 for Head & Body & Limbs
LTE Band 4 for Head & Body
LTE Band 5 for Head & Body
LTE Band 12 for Head & Body
LTE Band 14 for Head & Body
LTE Band 30 for Head & Body
LTE Band 66 for Head & Body
WIFI 2.4G for Head & Body
WIFI 5G for Head & Body & Limbs
BT for Head & Body

Test Laboratory: SGS-SAR Lab

EA1002 WCDMA Band II 9400CH Right cheek

DUT: EA1002; Type: Smart phone; Serial: 358621720017699

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

Medium: IHSL1900; Medium parameters used: $f = 1880$ MHz; $\sigma = 1.407$ S/m; $\epsilon_r = 40.354$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(8.4, 8.4, 8.4); Calibrated: 2020/10/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1267; Calibrated: 2020/06/12
- Phantom: SAM 3; Type: SAM; Serial: 1912
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

Maximum value of SAR (measured) = 0.121 W/kg

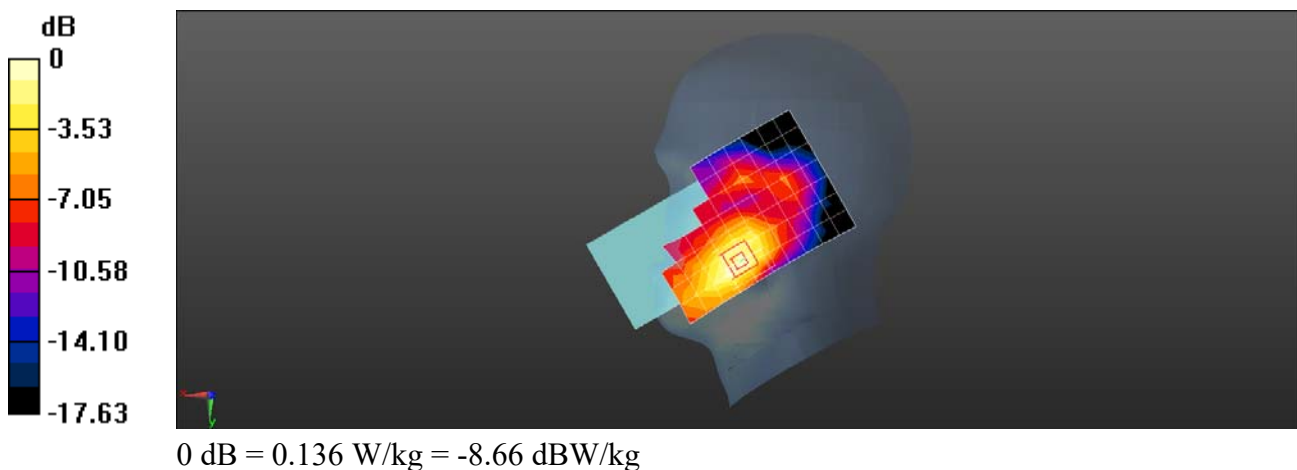
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.722 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.164 W/kg

SAR(1 g) = 0.104 W/kg; SAR(10 g) = 0.064 W/kg

Maximum value of SAR (measured) = 0.136 W/kg



Test Laboratory: SGS-SAR Lab

EA1002 WCDMA Band II 9262CH Bottom side 10mm

DUT: EA1002; Type: Smart phone; Serial: 358621720017699

Communication System: UID 0, WCDMA (0); Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: HSL1900; Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.394$ S/m; $\epsilon_r = 40.367$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(8.4, 8.4, 8.4); Calibrated: 2020/10/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1267; Calibrated: 2020/06/12
- Phantom: SAM 3; Type: SAM; Serial: 1912
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (5x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.58 W/kg

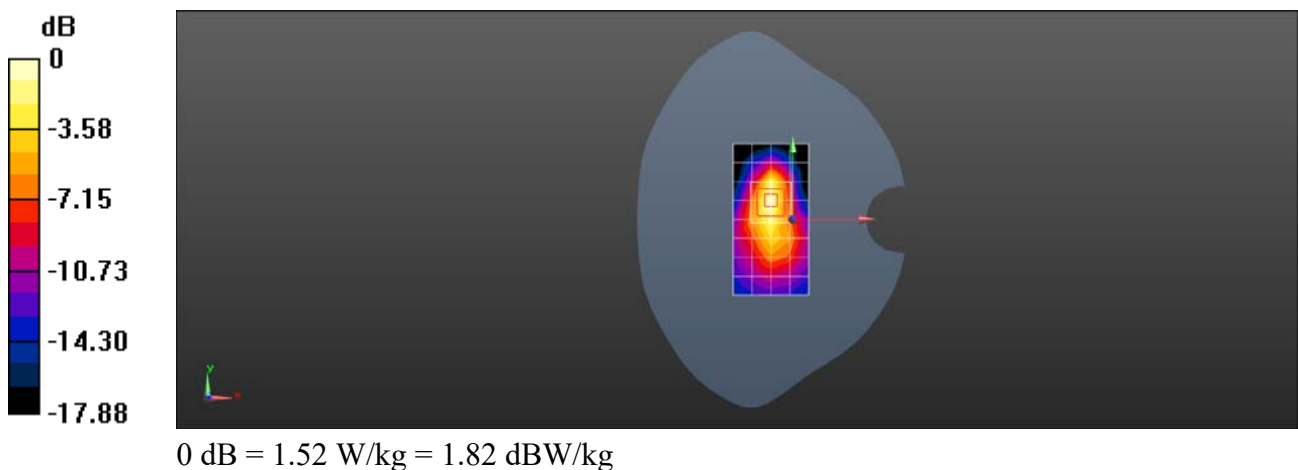
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.41 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.93 W/kg

SAR(1 g) = 1.07 W/kg; SAR(10 g) = 0.540 W/kg

Maximum value of SAR (measured) = 1.52 W/kg



Test Laboratory: SGS-SAR Lab

EA1002 WCDMA Band II 9400CH Front side 15mm

DUT: EA1002; Type: Smart phone; Serial: 358621720017699

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

Medium: HSL1900; Medium parameters used: $f = 1880$ MHz; $\sigma = 1.407$ S/m; $\epsilon_r = 40.354$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(8.4, 8.4, 8.4); Calibrated: 2020/10/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1267; Calibrated: 2020/06/12
- Phantom: SAM 3; Type: SAM; Serial: 1912
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

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

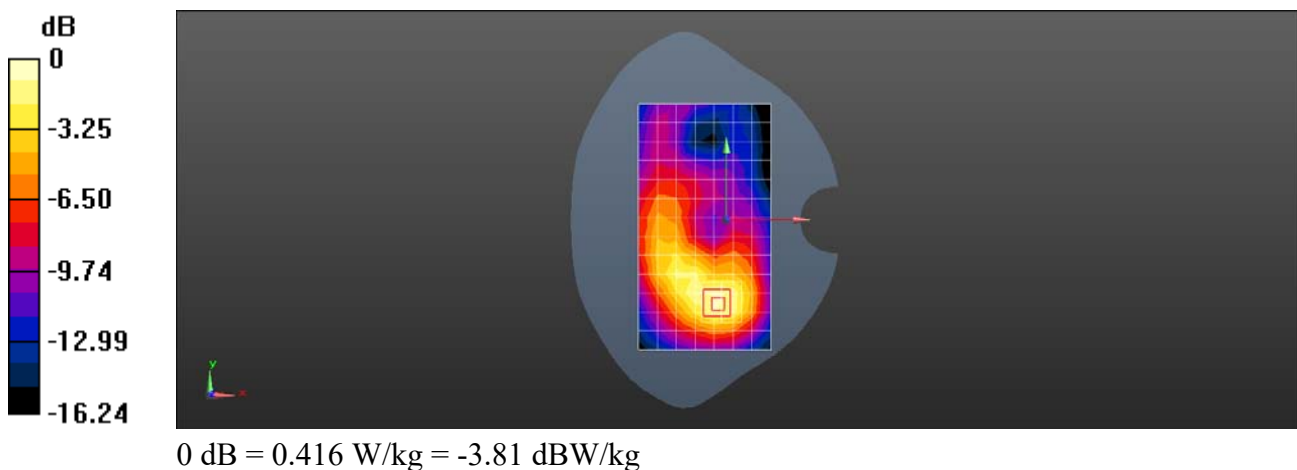
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.601 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.513 W/kg

SAR(1 g) = 0.311 W/kg; SAR(10 g) = 0.181 W/kg

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



Test Laboratory: SGS-SAR Lab

EA1002 WCDMA Band II 9262CH Bottom side 0mm

DUT: EA1002; Type: Smart phone; Serial: 358621720017699

Communication System: UID 0, WCDMA (0); Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: HSL1900; Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.394$ S/m; $\epsilon_r = 40.367$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(8.4, 8.4, 8.4); Calibrated: 2020/10/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1267; Calibrated: 2020/06/12
- Phantom: SAM 3; Type: SAM; Serial: 1912
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (5x9x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 14.8 W/kg

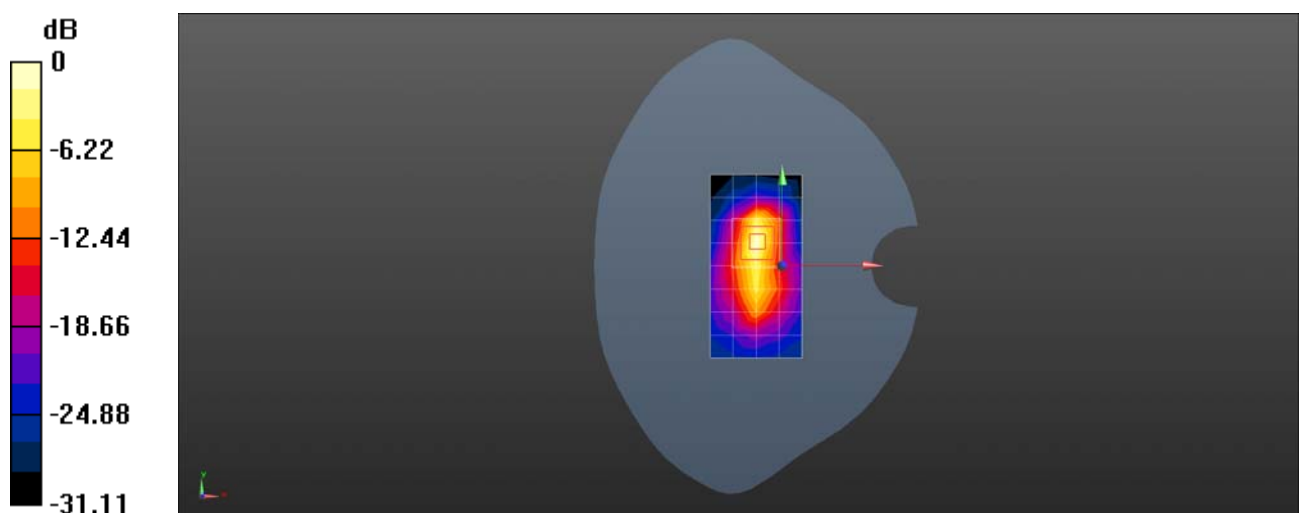
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 56.02 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 19.8 W/kg

SAR(1 g) = 6.64 W/kg; SAR(10 g) = 2.47 W/kg

Maximum value of SAR (measured) = 14.5 W/kg



0 dB = 14.8 W/kg = 11.71 dBW/kg

Test Laboratory: SGS-SAR Lab

EA1002 WCDMA Band IV 1412CH Right cheek

DUT: EA1002; Type: Smart phone; Serial: 358621720017699

Communication System: UID 0, WCDMA (0); Frequency: 1732.4 MHz; Duty Cycle: 1:1

Medium: HSL1750; Medium parameters used (interpolated): $f = 1732.4$ MHz; $\sigma = 1.3$ S/m; $\epsilon_r = 40.28$;

$\rho = 1000$ kg/m³

Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(8.78, 8.78, 8.78); Calibrated: 2020/10/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1267; Calibrated: 2020/06/12
- Phantom: SAM 3; Type: SAM; Serial: 1912
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

Maximum value of SAR (measured) = 0.292 W/kg

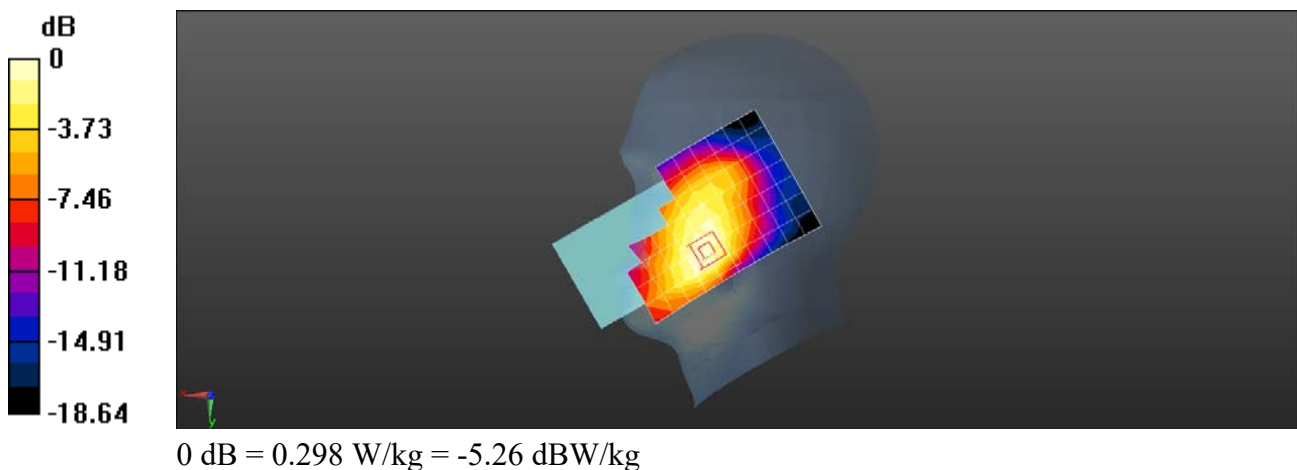
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.619 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.356 W/kg

SAR(1 g) = 0.245 W/kg; SAR(10 g) = 0.160 W/kg

Maximum value of SAR (measured) = 0.298 W/kg



Test Laboratory: SGS-SAR Lab

EA1002 WCDMA Band IV 1513CH Bottom side 10mm

DUT: EA1002; Type: Smart phone; Serial:358621720017699

Communication System: UID 0, WCDMA (0); Frequency: 1752.6 MHz; Duty Cycle: 1:1

Medium: HSL1750; Medium parameters used: $f = 1753$ MHz; $\sigma = 1.31$ S/m; $\epsilon_r = 40.27$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(8.78, 8.78, 8.78); Calibrated: 2020/10/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1267; Calibrated: 2020/06/12
- Phantom: SAM 3; Type: SAM; Serial: 1912
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (5x8x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.810 W/kg

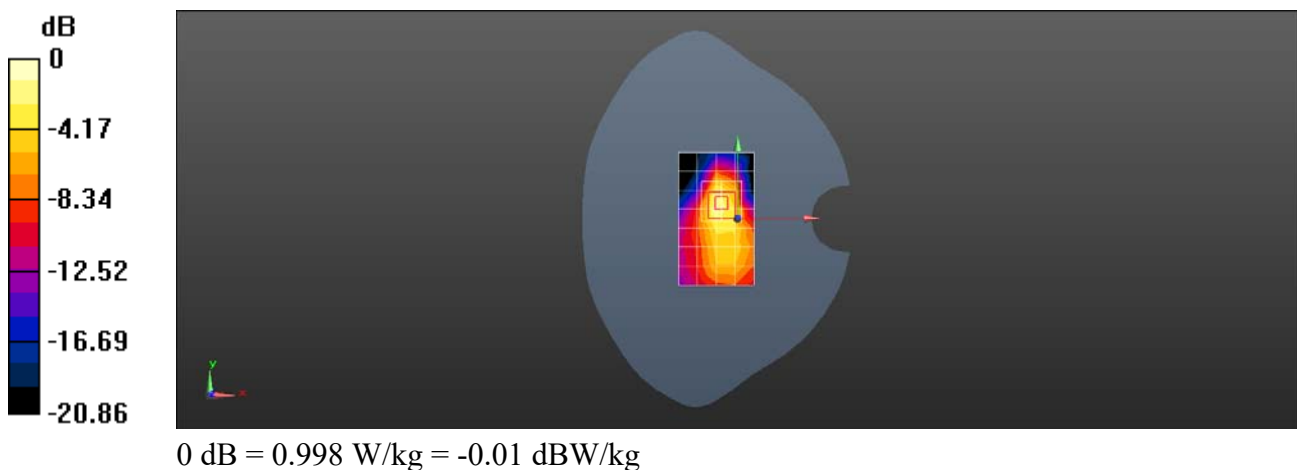
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.69 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.28 W/kg

SAR(1 g) = 0.679 W/kg; SAR(10 g) = 0.333 W/kg

Maximum value of SAR (measured) = 0.998 W/kg



Test Laboratory: SGS-SAR Lab

EA1002 WCDMA Band IV 1412CH Front side 15mm

DUT: EA1002; Type: Smart phone; Serial: 358621720017699

Communication System: UID 0, WCDMA (0); Frequency: 1732.4 MHz; Duty Cycle: 1:1

Medium: HSL1750; Medium parameters used (interpolated): $f = 1732.4$ MHz; $\sigma = 1.3$ S/m; $\epsilon_r = 40.28$;

$\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(8.78, 8.78, 8.78); Calibrated: 2020/10/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1267; Calibrated: 2020/06/12
- Phantom: SAM 3; Type: SAM; Serial: 1912
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

Maximum value of SAR (measured) = 0.386 W/kg

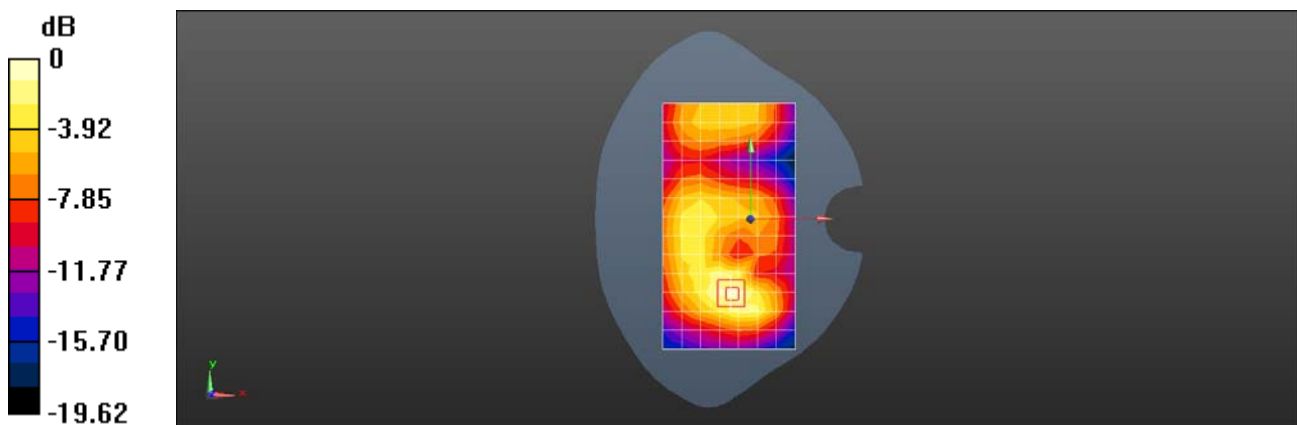
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.540 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.515 W/kg

SAR(1 g) = 0.302 W/kg; SAR(10 g) = 0.172 W/kg

Maximum value of SAR (measured) = 0.412 W/kg



Test Laboratory: SGS-SAR Lab

EA1002 WCDMA Band IV 1513CH Bottom side 0mm

DUT: EA1002; Type: Smart phone; Serial: 358621720017699

Communication System: UID 0, WCDMA (0); Frequency: 1752.6 MHz; Duty Cycle: 1:1

Medium: HSL1750; Medium parameters used: $f = 1753$ MHz; $\sigma = 1.31$ S/m; $\epsilon_r = 40.27$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(8.4, 8.4, 8.4); Calibrated: 2020/10/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1267; Calibrated: 2020/06/12
- Phantom: SAM 3; Type: SAM; Serial: 1912
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (5x8x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 8.71 W/kg

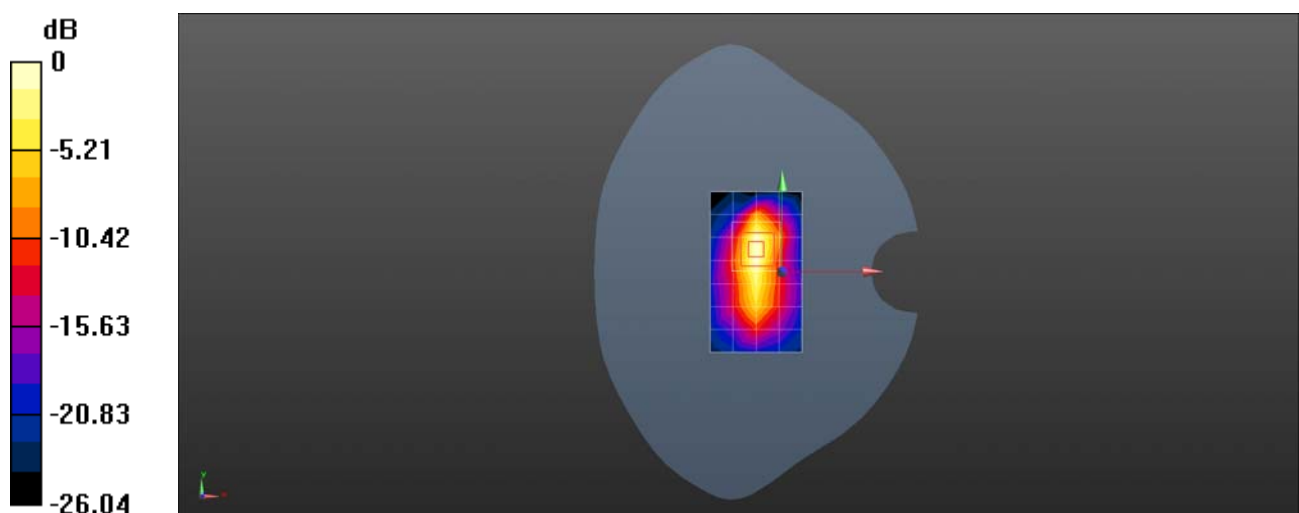
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 51.94 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 15.2 W/kg

SAR(1 g) = 5.35 W/kg; SAR(10 g) = 2.05 W/kg

Maximum value of SAR (measured) = 10.9 W/kg



0 dB = 8.71 W/kg = 9.40 dBW/kg

Test Laboratory: SGS-SAR Lab

EA1002 WCDMA Band V 4182CH Left cheek

DUT: EA1002; Type: Smart phone; Serial: 358621720017699

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

Medium: HSL835; Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 0.908$ S/m; $\epsilon_r = 42.21$;

$\rho = 1000$ kg/m³

Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(10.32, 10.32, 10.32); Calibrated: 2020/10/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2021/02/05
- Phantom: SAM 11; Type: SAM; Serial: 1410
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

Maximum value of SAR (measured) = 0.228 W/kg

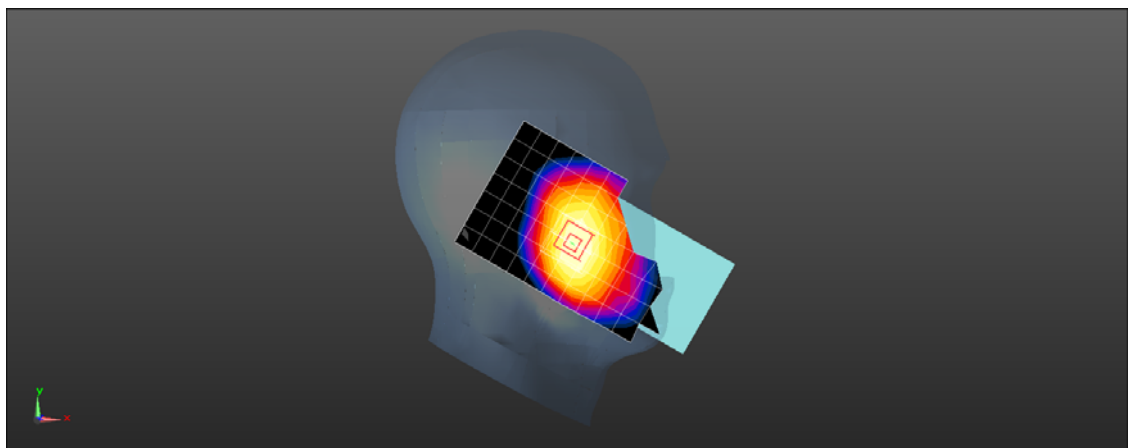
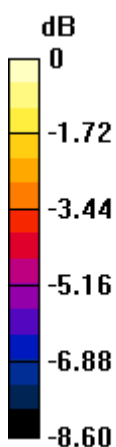
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.549 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.255 W/kg

SAR(1 g) = 0.207 W/kg; SAR(10 g) = 0.162 W/kg

Maximum value of SAR (measured) = 0.225 W/kg



0 dB = 0.225 W/kg = -6.48 dBW/kg

Test Laboratory: SGS-SAR Lab

EA1002 WCDMA Band V 4182CH Back side 10mm

DUT: EA1002; Type: Smart phone; Serial: 358621720017699

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

Medium: HSL835; Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 0.908$ S/m; $\epsilon_r = 42.21$;

$\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(10.32, 10.32, 10.32); Calibrated: 2020/10/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2021/02/05
- Phantom: SAM 11; Type: SAM; Serial: 1410
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

Maximum value of SAR (measured) = 0.360 W/kg

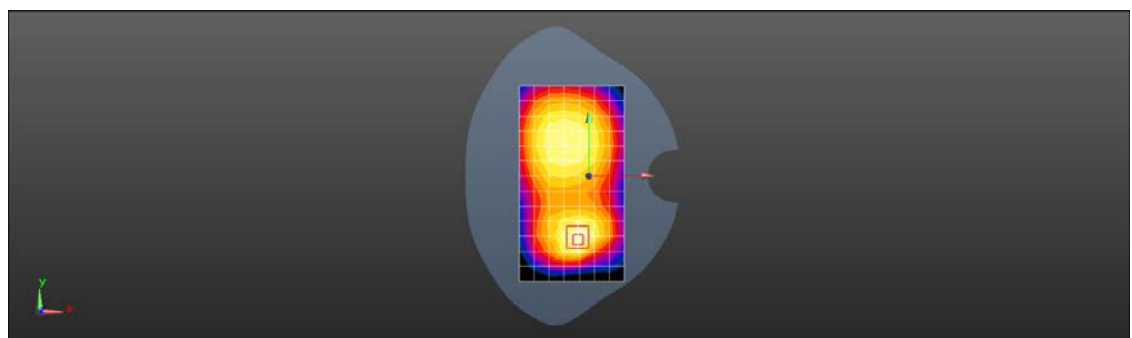
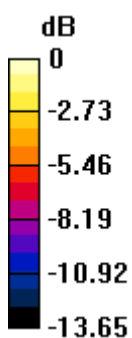
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.91 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.467 W/kg

SAR(1 g) = 0.291 W/kg; SAR(10 g) = 0.175 W/kg

Maximum value of SAR (measured) = 0.337 W/kg



0 dB = 0.337 W/kg = -4.72 dBW/kg

Test Laboratory: SGS-SAR Lab

EA1002 WCDMA Band V 4182CH Back side 15mm

DUT: EA1002; Type: Smart phone; Serial: 358621720017699

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

Medium: HSL835; Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 0.908$ S/m; $\epsilon_r = 42.21$;

$\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(10.32, 10.32, 10.32); Calibrated: 2020/10/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2021/02/05
- Phantom: SAM 11; Type: SAM; Serial: 1410
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

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

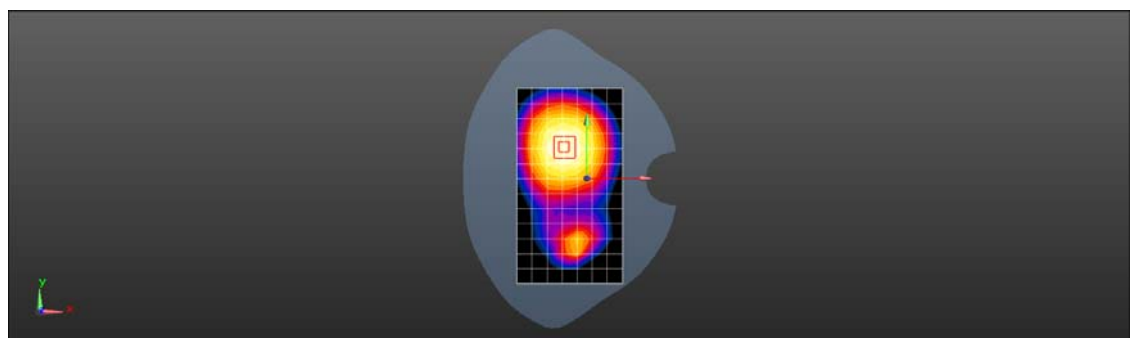
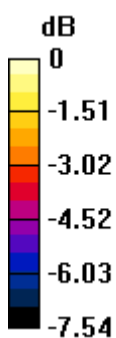
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.11 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.268 W/kg

SAR(1 g) = 0.215 W/kg; SAR(10 g) = 0.165 W/kg

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



0 dB = 0.235 W/kg = -6.29 dBW/kg

Test Laboratory: SGS-SAR Lab

EA1002 LTE Band 2 20M QPSK 1RB50 18900CH Right cheek

DUT: EA1002; Type: Smart phone; Serial: 358621720017699

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: HSL1900; Medium parameters used: $f = 1880$ MHz; $\sigma = 1.407$ S/m; $\epsilon_r = 40.354$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(8.4, 8.4, 8.4); Calibrated: 2020/10/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1267; Calibrated: 2020/06/12
- Phantom: SAM 3; Type: SAM; Serial: 1912
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

Maximum value of SAR (measured) = 0.105 W/kg

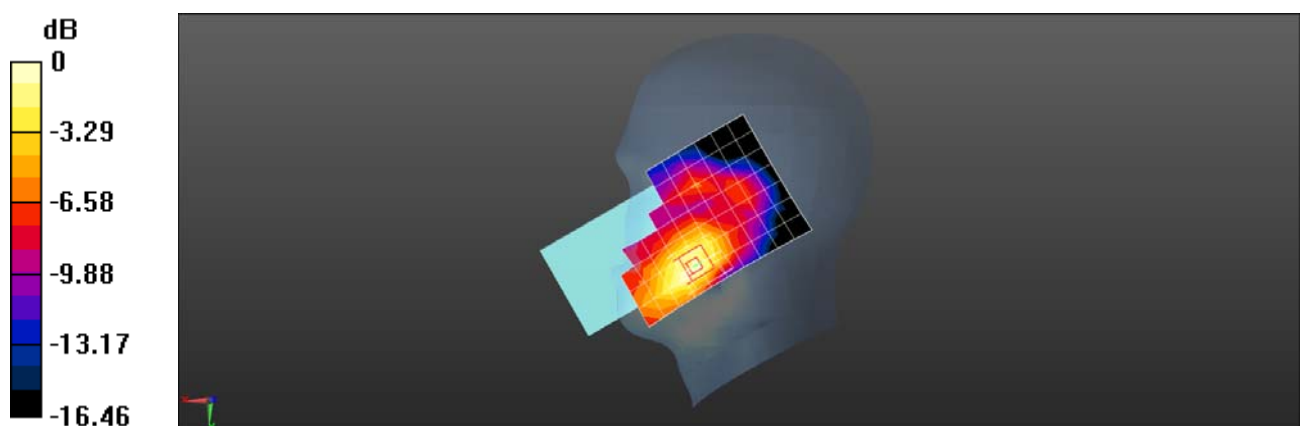
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.459 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.140 W/kg

SAR(1 g) = 0.090 W/kg; SAR(10 g) = 0.055 W/kg

Maximum value of SAR (measured) = 0.117 W/kg



Test Laboratory: SGS-SAR Lab

EA1002 LTE Band 2 20M QPSK 1RB50 18700CH Bottom side 10mm

DUT: EA1002; Type: Smart phone; Serial: 358621720017699

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

Medium: HSL1900; Medium parameters used: $f = 1860$ MHz; $\sigma = 1.398$ S/m; $\epsilon_r = 40.364$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(8.4, 8.4, 8.4); Calibrated: 2020/10/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1267; Calibrated: 2020/06/12
- Phantom: SAM 3; Type: SAM; Serial: 1912
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (5x8x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 1.71 W/kg

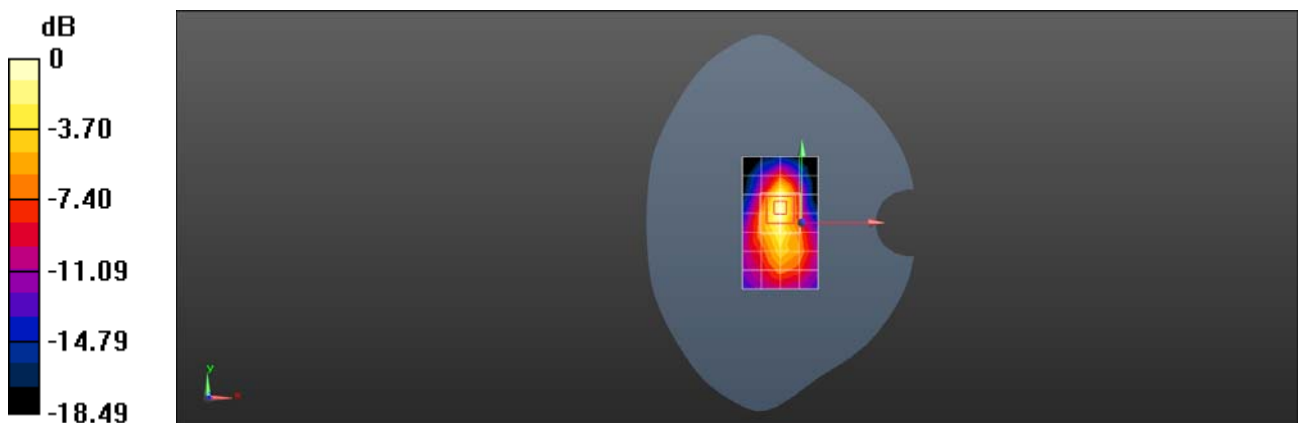
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 27.57 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 2.31 W/kg

SAR(1 g) = 1.23 W/kg; SAR(10 g) = 0.601 W/kg

Maximum value of SAR (measured) = 1.76 W/kg



Test Laboratory: SGS-SAR Lab

EA1002 LTE Band 2 20M QPSK 1RB50 18900CH Front side 15mm

DUT: EA1002; Type: Smart phone; Serial: 358621720017699

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: HSL1900; Medium parameters used: $f = 1880$ MHz; $\sigma = 1.407$ S/m; $\epsilon_r = 40.354$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(8.4, 8.4, 8.4); Calibrated: 2020/10/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1267; Calibrated: 2020/06/12
- Phantom: SAM 3; Type: SAM; Serial: 1912
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

Maximum value of SAR (measured) = 0.414 W/kg

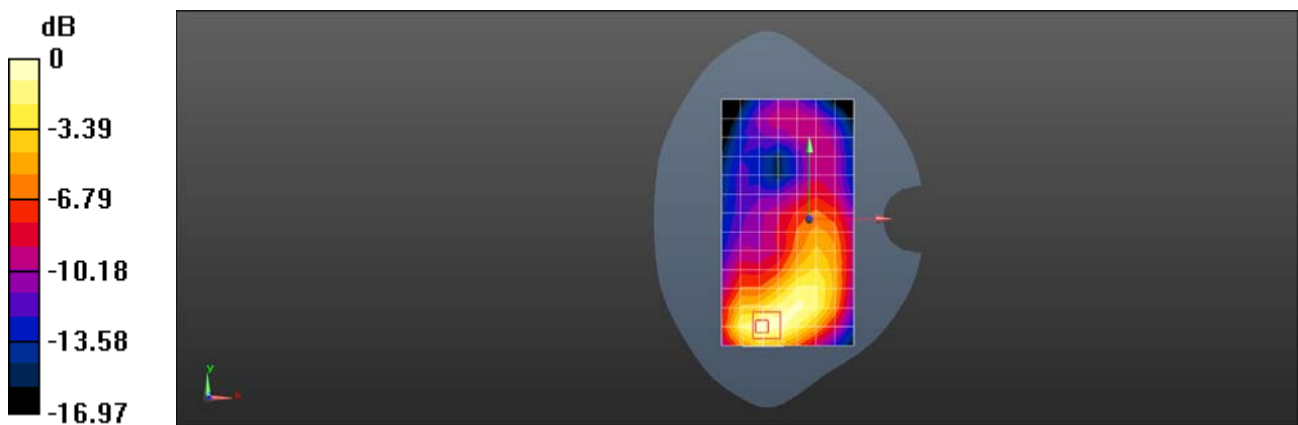
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.376 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.511 W/kg

SAR(1 g) = 0.304 W/kg; SAR(10 g) = 0.174 W/kg

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



0 dB = 0.416 W/kg = -3.81 dBW/kg

Test Laboratory: SGS-SAR Lab

EA1002 LTE Band 2 20M QPSK 1RB50 18700CH Bottom side 0mm

DUT: EA1002; Type: Smart phone; Serial: 358621720017699

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

Medium: HSL1900; Medium parameters used: $f = 1860$ MHz; $\sigma = 1.398$ S/m; $\epsilon_r = 40.364$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(8.4, 8.4, 8.4); Calibrated: 2020/10/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1267; Calibrated: 2020/06/12
- Phantom: SAM 3; Type: SAM; Serial: 1912
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (5x8x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 8.34 W/kg

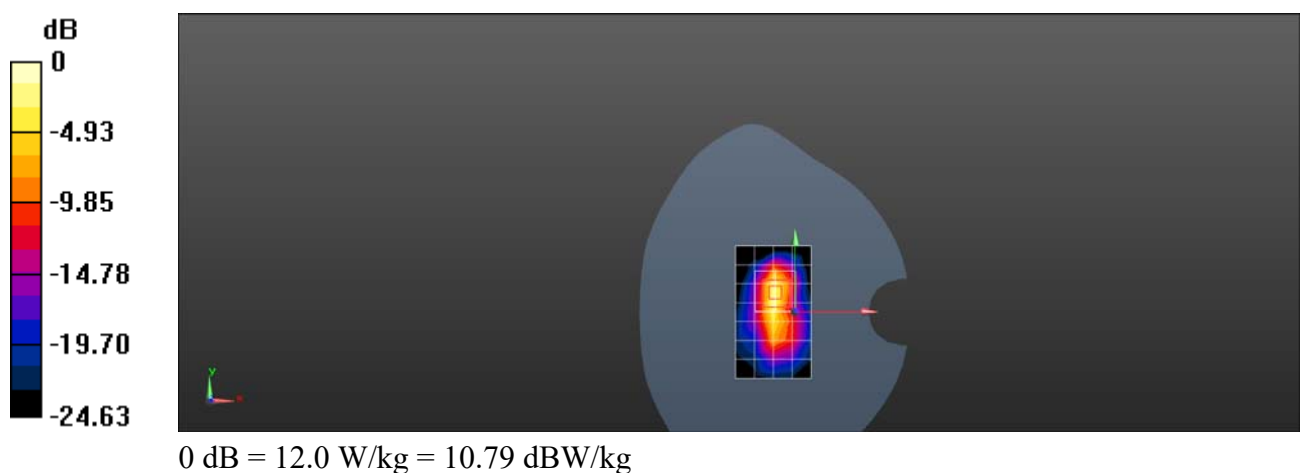
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 51.82 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 16.2 W/kg

SAR(1 g) = 5.77 W/kg; SAR(10 g) = 2.17 W/kg

Maximum value of SAR (measured) = 12.0 W/kg



Test Laboratory: SGS-SAR Lab

EA1002 LTE Band 4 20M QPSK 1RB50 20300CH Right cheek

DUT: EA1002; Type: Smart phone; Serial: 358621720017699

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

Medium: HSL1750; Medium parameters used: $f = 1745$ MHz; $\sigma = 1.306$ S/m; $\epsilon_r = 40.274$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(8.78, 8.78, 8.78); Calibrated: 2020/10/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1267; Calibrated: 2020/06/12
- Phantom: SAM 3; Type: SAM; Serial: 1912
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

Maximum value of SAR (measured) = 0.234 W/kg

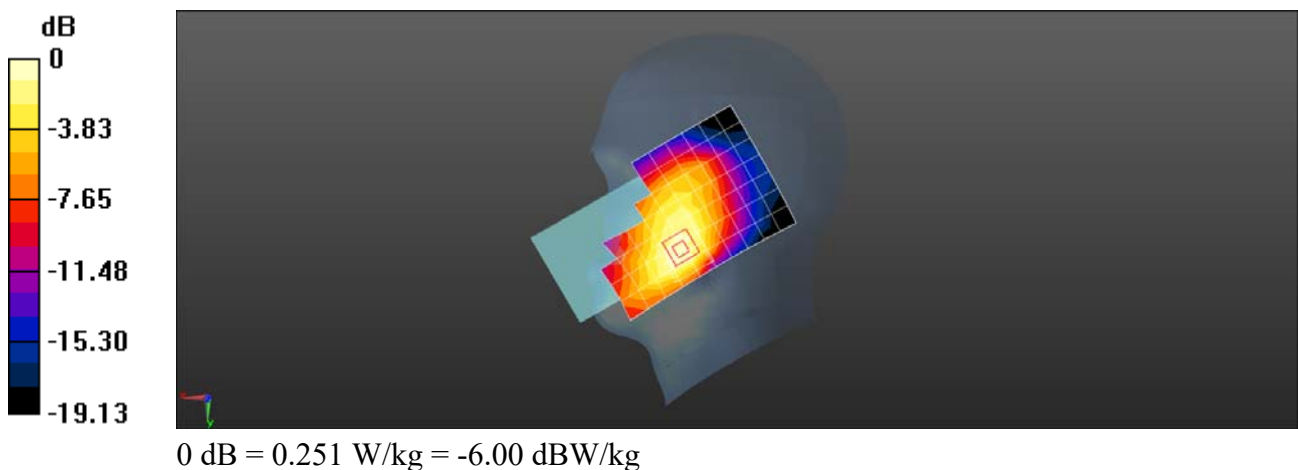
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.979 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.300 W/kg

SAR(1 g) = 0.200 W/kg; SAR(10 g) = 0.130 W/kg

Maximum value of SAR (measured) = 0.251 W/kg



Test Laboratory: SGS-SAR Lab

EA1002 LTE Band 4 20M QPSK 1RB50 20300CH Back side 10mm

DUT: EA1002; Type: Smart phone; Serial: 358621720017699

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

Medium: HSL1750; Medium parameters used: $f = 1745$ MHz; $\sigma = 1.306$ S/m; $\epsilon_r = 40.274$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(8.78, 8.78, 8.78); Calibrated: 2020/10/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1267; Calibrated: 2020/06/12
- Phantom: SAM 3; Type: SAM; Serial: 1912
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

Maximum value of SAR (measured) = 0.668 W/kg

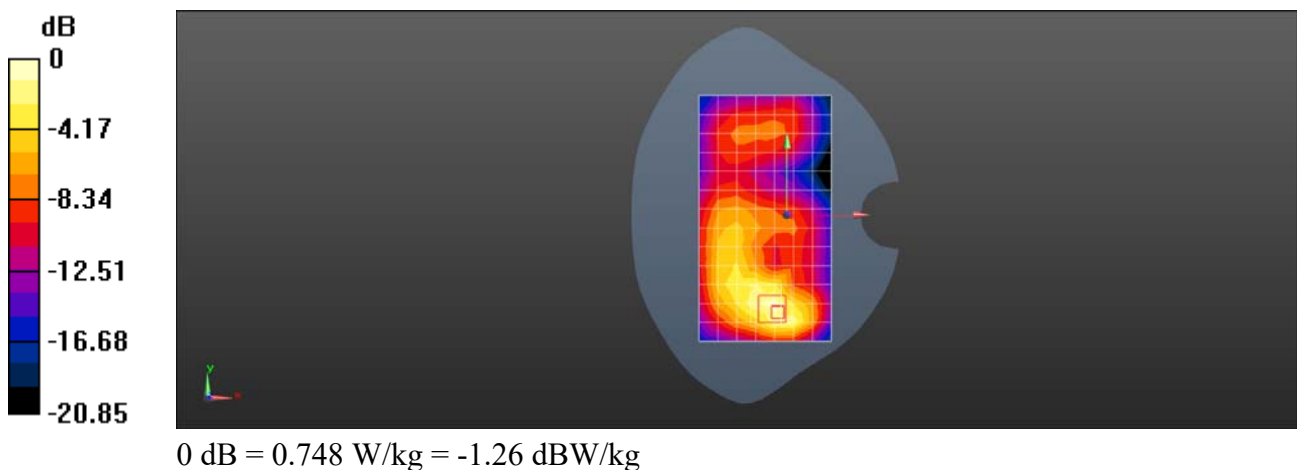
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.274 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.01 W/kg

SAR(1 g) = 0.543 W/kg; SAR(10 g) = 0.287 W/kg

Maximum value of SAR (measured) = 0.748 W/kg



Test Laboratory: SGS-SAR Lab

EA1002 LTE Band 4 20M QPSK 1RB50 20300CH Front side 15mm

DUT: EA1002; Type: Smart phone; Serial: 358621720017699

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

Medium: HSL1750; Medium parameters used: $f = 1745$ MHz; $\sigma = 1.306$ S/m; $\epsilon_r = 40.274$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(8.78, 8.78, 8.78); Calibrated: 2020/10/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1267; Calibrated: 2020/06/12
- Phantom: SAM 3; Type: SAM; Serial: 1912
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

Maximum value of SAR (measured) = 0.323 W/kg

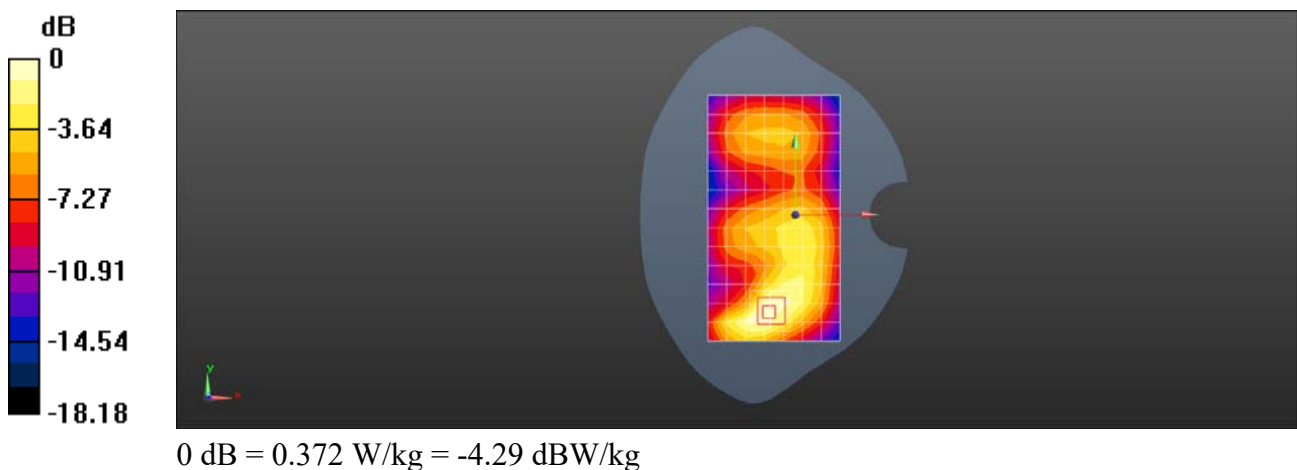
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.120 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.463 W/kg

SAR(1 g) = 0.275 W/kg; SAR(10 g) = 0.158 W/kg

Maximum value of SAR (measured) = 0.372 W/kg



Test Laboratory: SGS-SAR Lab

EA1002 LTE Band 5 10M QPSK 1RB25 20450CH Left cheek

DUT: EA1002; Type: Smart phone; Serial: 358621720017699

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

Medium: HSL835; Medium parameters used: $f = 829 \text{ MHz}$; $\sigma = 0.9 \text{ S/m}$; $\epsilon_r = 42.148$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(10.32, 10.32, 10.32); Calibrated: 2020/10/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2021/02/05
- Phantom: SAM 11; Type: SAM; Serial: 1410
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (8x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

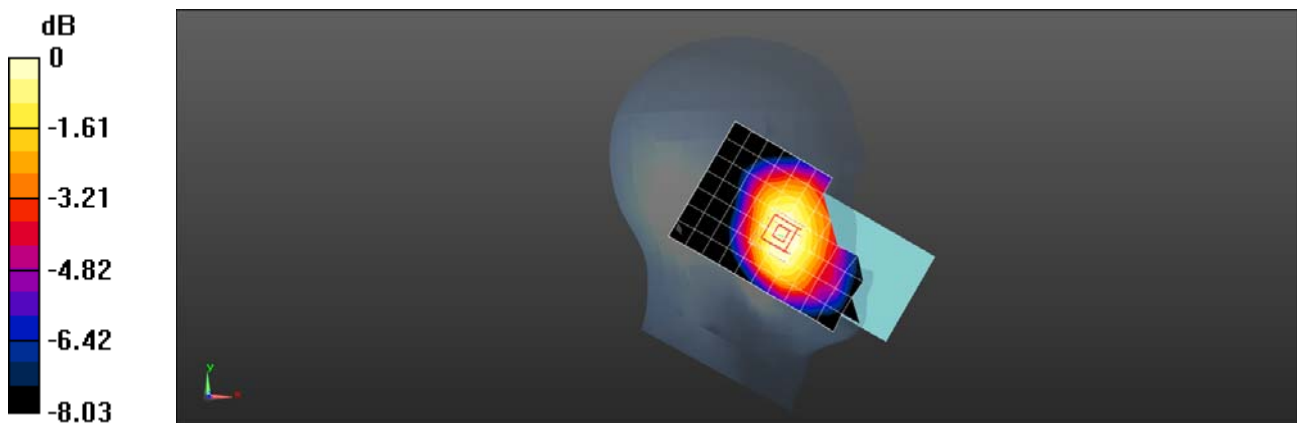
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 3.891 V/m ; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.210 W/kg

SAR(1 g) = 0.174 W/kg ; SAR(10 g) = 0.137 W/kg

Maximum value of SAR (measured) = 0.188 W/kg



$0 \text{ dB} = 0.188 \text{ W/kg} = -7.26 \text{ dBW/kg}$

Test Laboratory: SGS-SAR Lab

EA1002 LTE Band 5 10M QPSK 1RB25 20450CH Back side 10mm

DUT: EA1002; Type: Smart phone; Serial: 358621720017699

Communication System: UID 0, LTE Band 5 10MHz; Frequency: 829 MHz; Duty Cycle: 1:1

Medium: HSL835; Medium parameters used: $f = 829$ MHz; $\sigma = 0.9$ S/m; $\epsilon_r = 42.148$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(10.32, 10.32, 10.32); Calibrated: 2020/10/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2021/02/05
- Phantom: SAM 11; Type: SAM; Serial: 1410
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

Maximum value of SAR (measured) = 0.304 W/kg

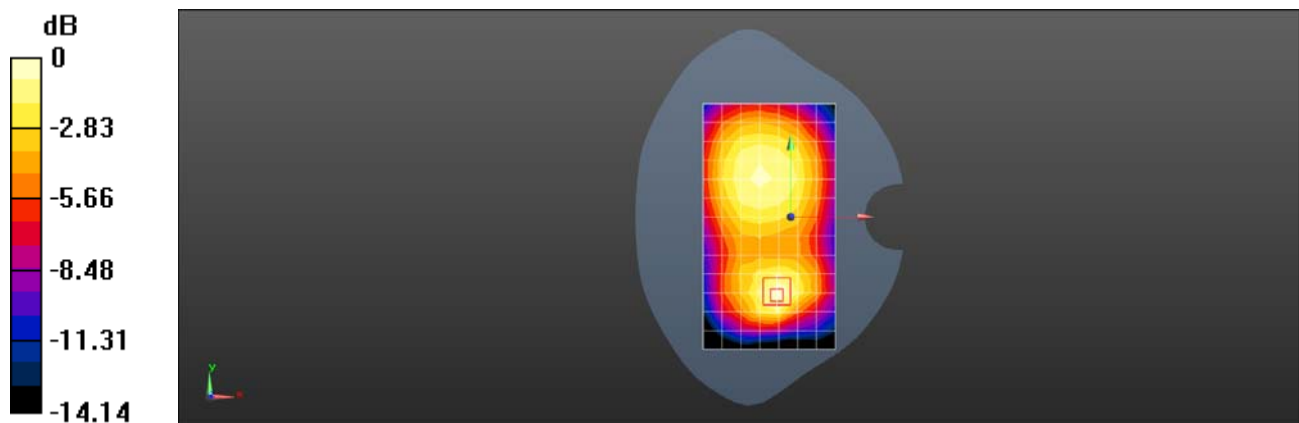
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 13.66 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.409 W/kg

SAR(1 g) = 0.256 W/kg; SAR(10 g) = 0.154 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

EA1002 LTE Band 5 10M QPSK 1RB25 20450CH Back side 15mm

DUT: EA1002; Type: Smart phone; Serial: 358621720017699

Communication System: UID 0, LTE Band 5 10MHz; Frequency: 829 MHz; Duty Cycle: 1:1

Medium: HSL835; Medium parameters used: $f = 829 \text{ MHz}$; $\sigma = 0.9 \text{ S/m}$; $\epsilon_r = 42.148$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(10.32, 10.32, 10.32); Calibrated: 2020/10/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2021/02/05
- Phantom: SAM 11; Type: SAM; Serial: 1410
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (8x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.213 W/kg

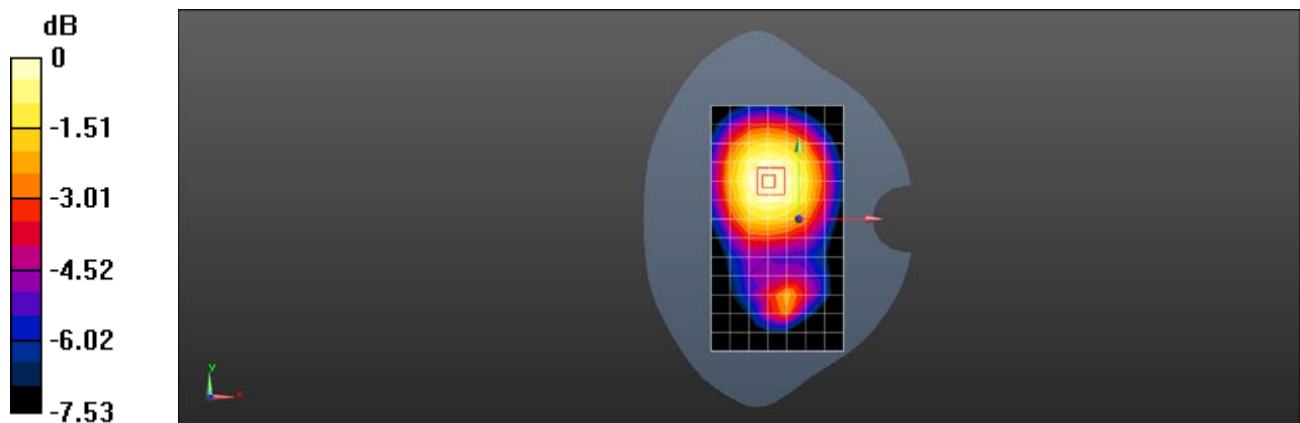
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 12.72 V/m ; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.243 W/kg

SAR(1 g) = 0.195 W/kg ; SAR(10 g) = 0.150 W/kg

Maximum value of SAR (measured) = 0.214 W/kg



0 dB = 0.214 W/kg = -6.70 dBW/kg

Test Laboratory: SGS-SAR Lab

EA1002 LTE Band 12 10M QPSK 1RB49 23095CH Right cheek

DUT: EA1002; Type: Smart phone; Serial: 358621720017699

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

Medium: HSL750; Medium parameters used (interpolated): $f = 707.5$ MHz; $\sigma = 0.846$ S/m; $\epsilon_r = 43.717$; $\rho = 1000$ kg/m³
Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(10.73, 10.73, 10.73); Calibrated: 2020/10/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2021/02/05
- Phantom: SAM 11; Type: SAM; Serial: 1410
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.162 W/kg

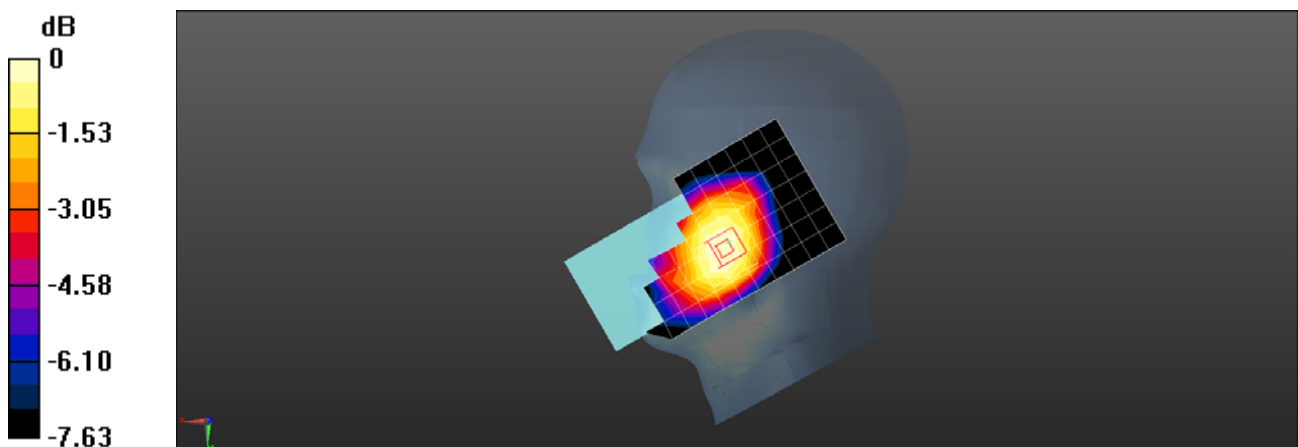
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.604 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.177 W/kg

SAR(1 g) = 0.148 W/kg; SAR(10 g) = 0.120 W/kg

Maximum value of SAR (measured) = 0.158 W/kg



0 dB = 0.158 W/kg = -8.01 dBW/kg

Test Laboratory: SGS-SAR Lab

EA1002 LTE Band 12 10M QPSK 1RB49 23095CH Right side 10mm

DUT: EA1002; Type: Smart phone; Serial: 358621720017699

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

Medium: HSL750; Medium parameters used (interpolated): $f = 707.5$ MHz; $\sigma = 0.846$ S/m; $\epsilon_r = 43.717$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(10.73, 10.73, 10.73); Calibrated: 2020/10/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2021/02/05
- Phantom: SAM 11; Type: SAM; Serial: 1410
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (5x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.246 W/kg

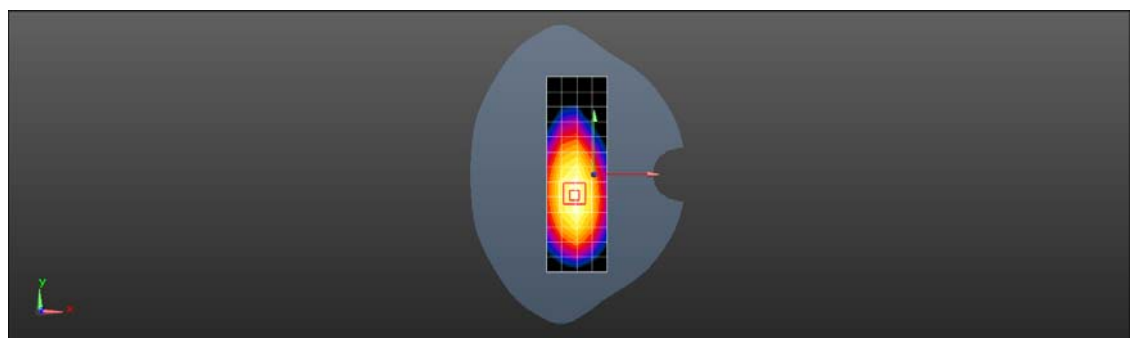
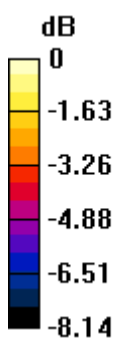
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.78 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.298 W/kg

SAR(1 g) = 0.218 W/kg; SAR(10 g) = 0.156 W/kg

Maximum value of SAR (measured) = 0.247 W/kg



0 dB = 0.247 W/kg = -6.07 dBW/kg

Test Laboratory: SGS-SAR Lab

EA1002 LTE Band 12 10M QPSK 1RB49 23095CH Back side 15mm

DUT: EA1002; Type: Smart phone; Serial: 358621720017699

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

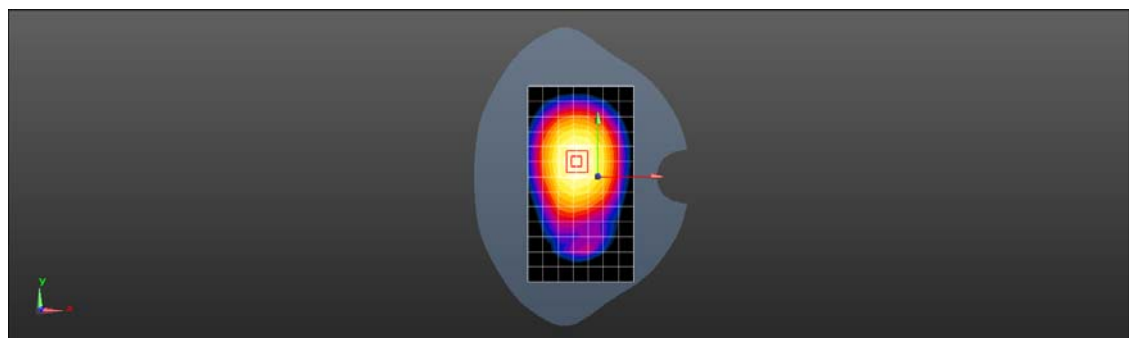
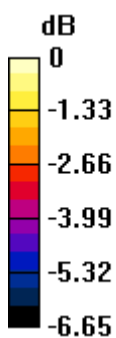
Medium: HSL750; Medium parameters used (interpolated): $f = 707.5$ MHz; $\sigma = 0.846$ S/m; $\epsilon_r = 43.717$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(10.73, 10.73, 10.73); Calibrated: 2020/10/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2021/02/05
- Phantom: SAM 11; Type: SAM; Serial: 1410
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.206 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.80 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.234 W/kg
SAR(1 g) = 0.189 W/kg; SAR(10 g) = 0.149 W/kg



0 dB = 0.206 W/kg = -6.86 dBW/kg

Test Laboratory: SGS-SAR Lab

EA1002 LTE Band 14 10M QPSK 1RB25 23330CH Left cheek

DUT: EA1002; Type: Smart phone; Serial: 358621720017699

Communication System: UID 0, LTE-FDD BW 10MHZ (0); Frequency: 793 MHz; Duty Cycle: 1:1

Medium: HSL835; Medium parameters used: $f = 793 \text{ MHz}$; $\sigma = 0.893 \text{ S/m}$; $\epsilon_r = 43.18$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(10.32, 10.32, 10.32); Calibrated: 2020/10/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2021/02/05
- Phantom: SAM 11; Type: SAM; Serial: 1410
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (8x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.0997 W/kg

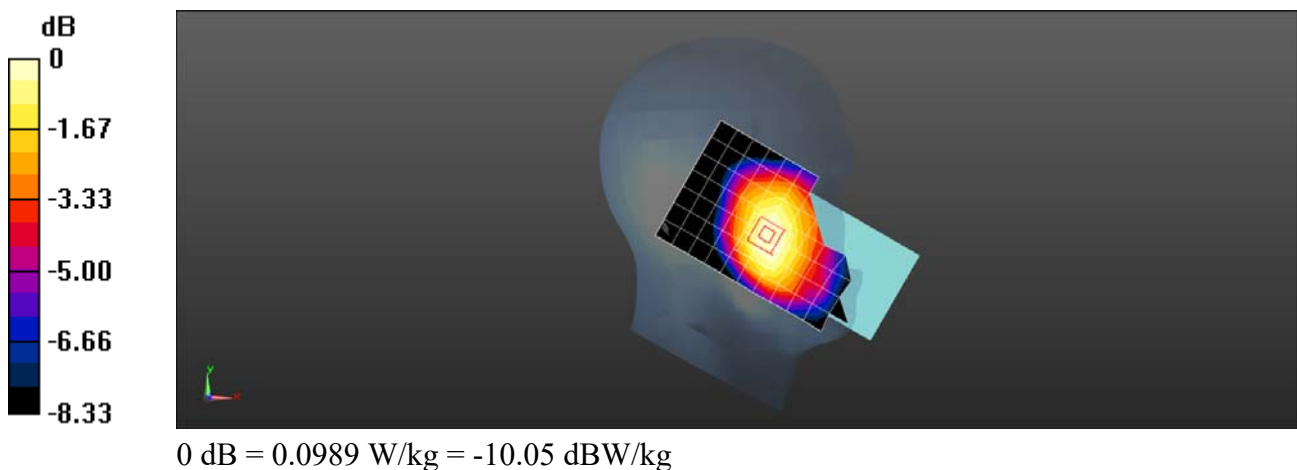
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 2.923 V/m ; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.114 W/kg

SAR(1 g) = 0.093 W/kg ; SAR(10 g) = 0.073 W/kg

Maximum value of SAR (measured) = 0.0989 W/kg



Test Laboratory: SGS-SAR Lab

EA1002 LTE Band 14 10M QPSK 1RB25 23330CH Back side 10mm

DUT: EA1002; Type: Smart phone; Serial: 358621720017699

Communication System: UID 0, LTE-FDD BW 10MHZ (0); Frequency: 793 MHz; Duty Cycle: 1:1

Medium: HSL750; Medium parameters used: $f = 793 \text{ MHz}$; $\sigma = 0.893 \text{ S/m}$; $\epsilon_r = 43.18$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(10.73, 10.73, 10.73); Calibrated: 2020/10/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2021/02/05
- Phantom: SAM 11; Type: SAM; Serial: 1410
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (8x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.190 W/kg

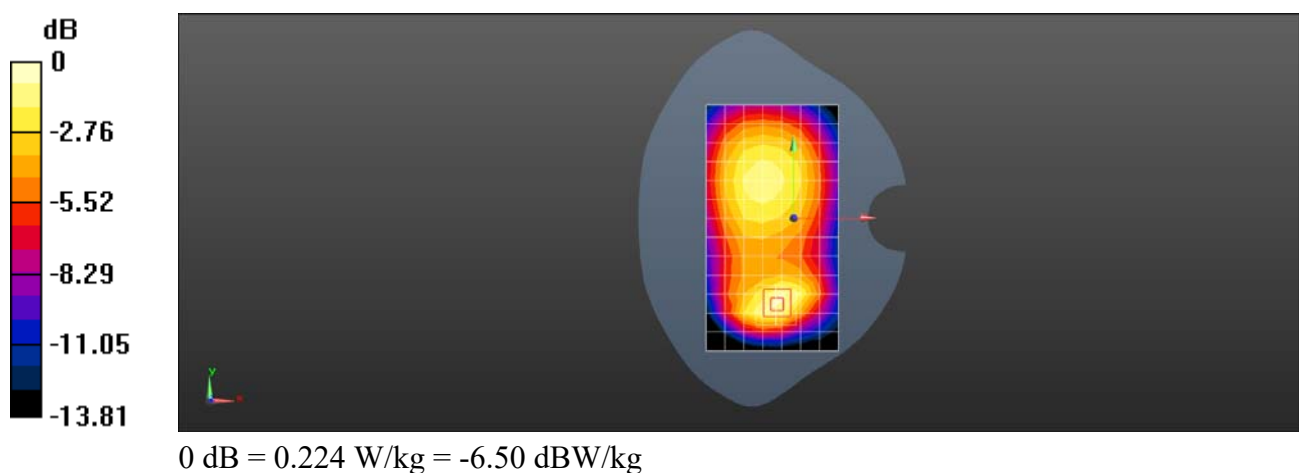
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 11.55 V/m ; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.307 W/kg

SAR(1 g) = 0.185 W/kg ; SAR(10 g) = 0.110 W/kg

Maximum value of SAR (measured) = 0.224 W/kg



Test Laboratory: SGS-SAR Lab

EA1002 LTE Band 14 10M QPSK 1RB25 23330CH Back side 15mm

DUT: EA1002; Type: Smart phone; Serial: 358621720017699

Communication System: UID 0, LTE-FDD BW 10MHZ (0); Frequency: 793 MHz; Duty Cycle: 1:1

Medium: HSL750; Medium parameters used: $f = 793 \text{ MHz}$; $\sigma = 0.893 \text{ S/m}$; $\epsilon_r = 43.18$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(10.73, 10.73, 10.73); Calibrated: 2020/10/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2021/02/05
- Phantom: SAM 11; Type: SAM; Serial: 1410
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (8x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.151 W/kg

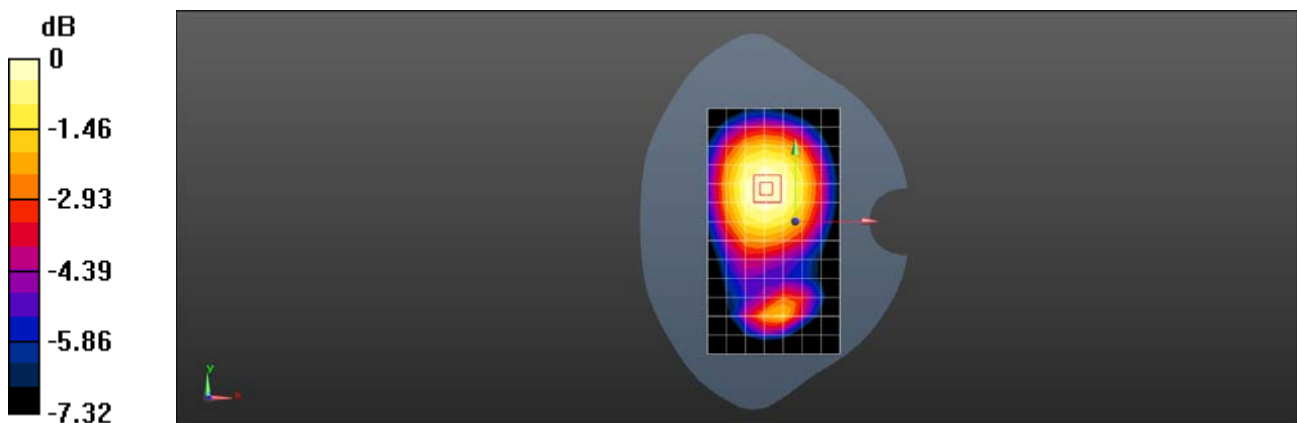
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 11.29 V/m ; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.172 W/kg

SAR(1 g) = 0.137 W/kg ; SAR(10 g) = 0.106 W/kg

Maximum value of SAR (measured) = 0.150 W/kg



Test Laboratory: SGS-SAR Lab

EA1002 LTE Band 30 10M QPSK 1RB0 27710CH Left cheek

DUT: EA1002; Type: Smart phone; Serial: 358621720017699

Communication System: UID 0, LTE-FDD BW 10MHZ (0); Frequency: 2310 MHz;Duty Cycle: 1:1

Medium: HSL2300;Medium parameters used: $f = 2310$ MHz; $\sigma = 1.644$ S/m; $\epsilon_r = 40.733$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY 5 Configuration:

- Probe: ES3DV3 - SN3204; ConvF(5, 5, 5); Calibrated: 2021/02/10
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2021/02/05
- Phantom: SAM 9; Type: SAM; Serial: 1769
- DASY52 52.8.8(1222); SEMCAD X 14.6.14(7483)

Configuration/Head/Area Scan (10x17x1): Measurement grid: $dx=12$ mm, $dy=12$ mm
Maximum value of SAR (measured) = 0.125 W/kg

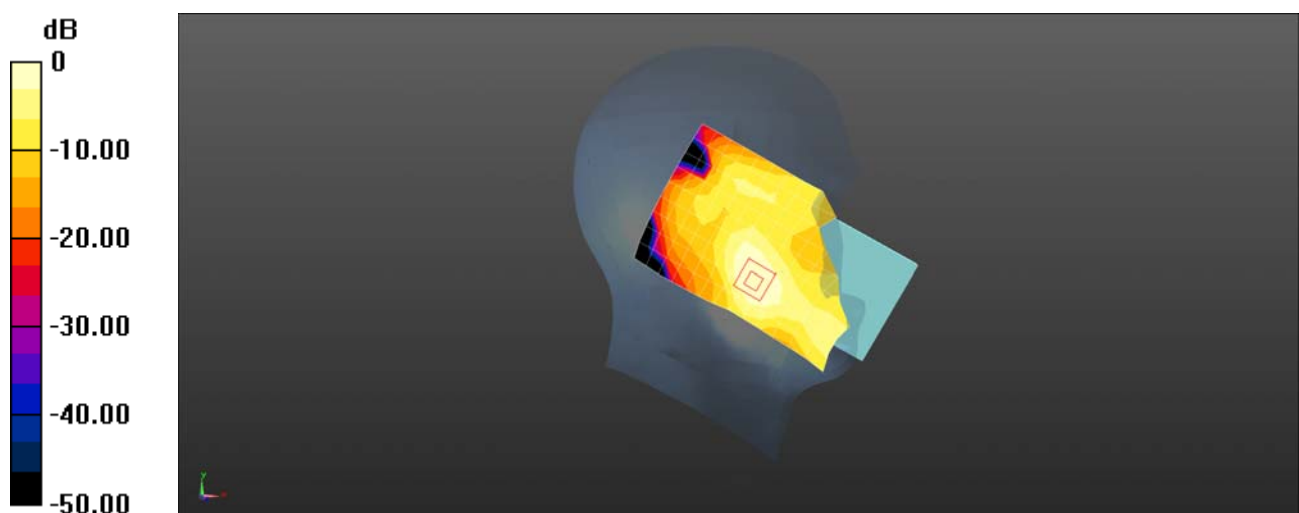
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 2.513 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.226 W/kg

SAR(1 g) = 0.123 W/kg; SAR(10 g) = 0.065 W/kg

Maximum value of SAR (measured) = 0.135 W/kg



0 dB = 0.125 W/kg = -9.04 dBW/kg

Test Laboratory: SGS-SAR Lab

EA1002 LTE Band 30 10M QPSK 1RB0 27710CH Bottom side 10mm

DUT: EA1002; Type: Smart phone; Serial: 358621720017699

Communication System: UID 0, LTE-FDD BW 10MHZ (0); Frequency: 2310 MHz; Duty Cycle: 1:1

Medium: HSL2300; Medium parameters used: $f = 2310$ MHz; $\sigma = 1.644$ S/m; $\epsilon_r = 40.733$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: ES3DV3 - SN3204; ConvF(5, 5, 5); Calibrated: 2021/02/10
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2021/02/05
- Phantom: SAM 9; Type: SAM; Serial: 1769
- DASY52 52.8.8(1222); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (6x10x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.535 W/kg

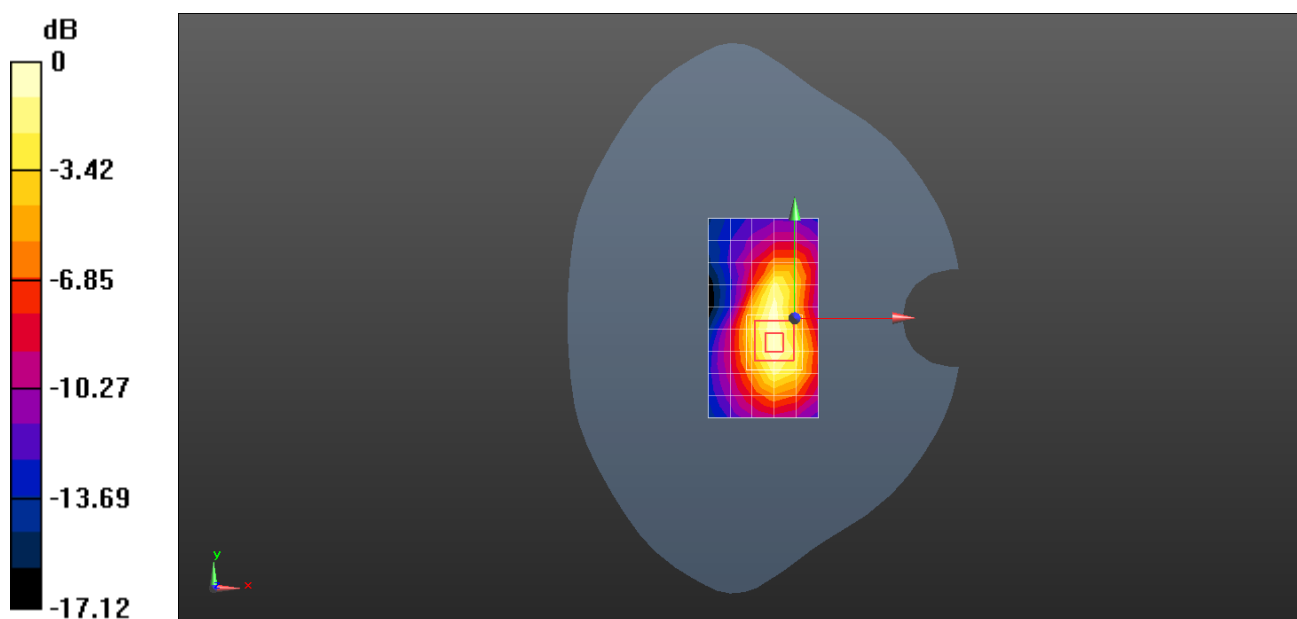
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 14.65 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.743 W/kg

SAR(1 g) = 0.382 W/kg; SAR(10 g) = 0.195 W/kg

Maximum value of SAR (measured) = 0.558 W/kg



0 dB = 0.535 W/kg = -2.71 dBW/kg

Test Laboratory: SGS-SAR Lab

EA1002 LTE Band 30 10M QPSK 1RB0 27710CH Front side 15mm

DUT: EA1002; Type: Smart phone; Serial: 358621720017699

Communication System: UID 0, LTE-FDD BW 10MHZ (0); Frequency: 2310 MHz;Duty Cycle: 1:1

Medium: HSL2300;Medium parameters used: $f = 2310$ MHz; $\sigma = 1.644$ S/m; $\epsilon_r = 40.733$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: ES3DV3 - SN3204; ConvF(5, 5, 5); Calibrated: 2021/02/10
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2021/02/05
- Phantom: SAM 9; Type: SAM; Serial: 1769
- DASY52 52.8.8(1222); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (10x17x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.152 W/kg

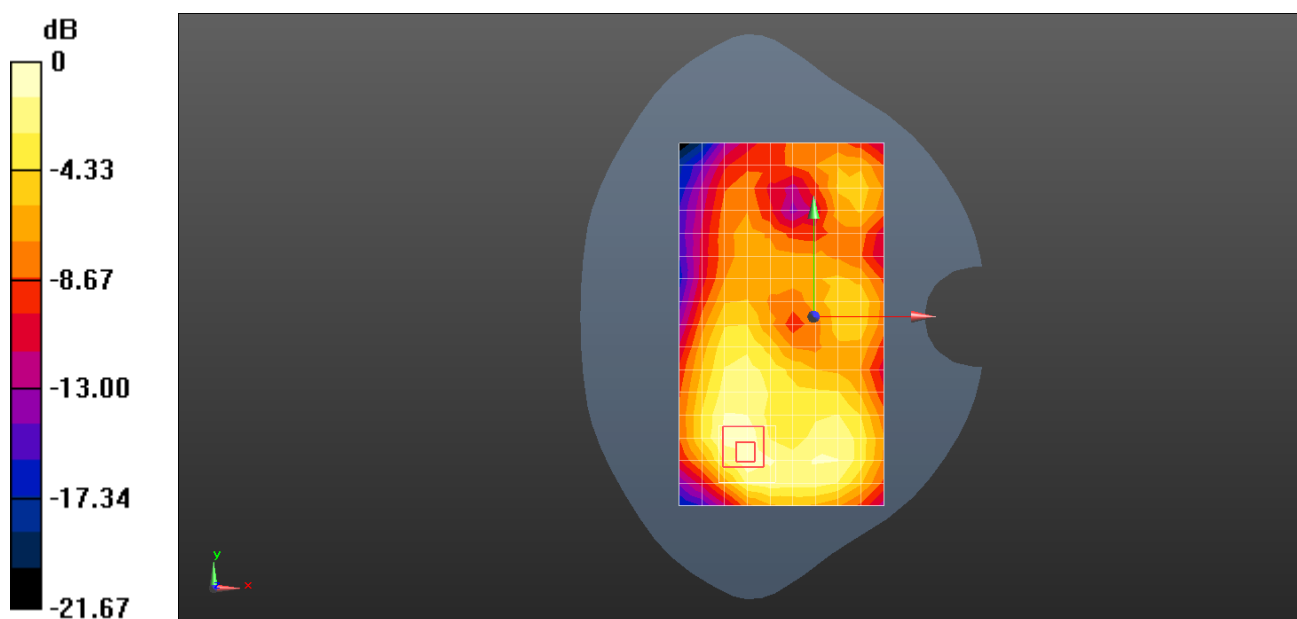
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.596 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.353 W/kg

SAR(1 g) = 0.174 W/kg; SAR(10 g) = 0.091 W/kg

Maximum value of SAR (measured) = 0.191 W/kg



Test Laboratory: SGS-SAR Lab

EA1002 LTE Band 66 20M QPSK 1RB50 132572CH Right cheek

DUT: EA1002; Type: Smart phone; Serial: 358621720017699

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 1770 MHz; Duty Cycle: 1:1

Medium: HSL1750; Medium parameters used: $f = 1770$ MHz; $\sigma = 1.318$ S/m; $\epsilon_r = 40.261$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(8.78, 8.78, 8.78); Calibrated: 2020/10/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1267; Calibrated: 2020/06/12
- Phantom: SAM 3; Type: SAM; Serial: 1912
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

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

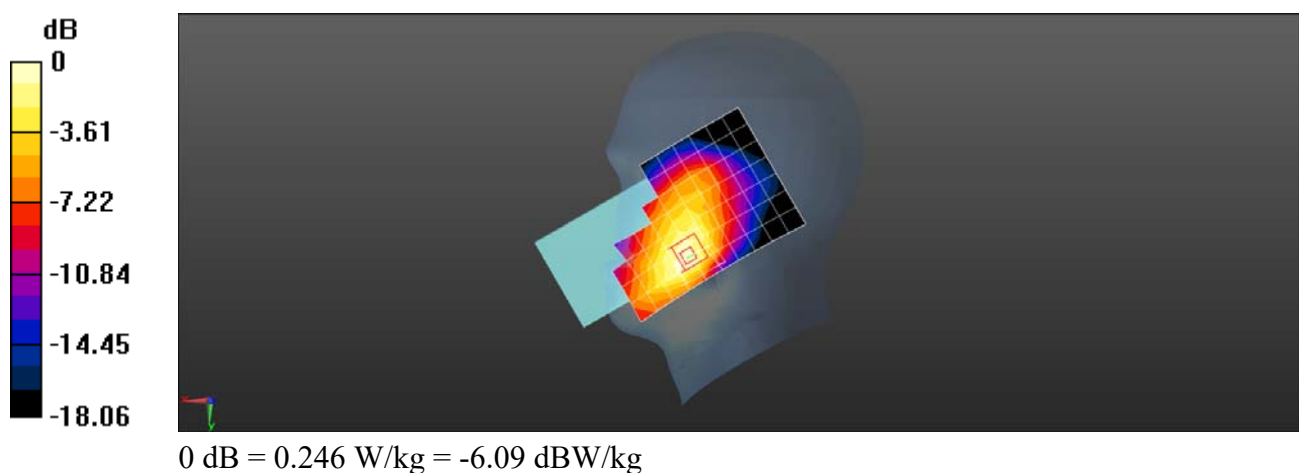
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.011 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.292 W/kg

SAR(1 g) = 0.193 W/kg; SAR(10 g) = 0.123 W/kg

Maximum value of SAR (measured) = 0.246 W/kg



Test Laboratory: SGS-SAR Lab

EA1002 LTE Band 66 20M QPSK 1RB50 132572CH Bottom side 10mm

DUT: EA1002; Type: Smart phone; Serial: 358621720017699

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 1770 MHz; Duty Cycle: 1:1

Medium: HSL1750; Medium parameters used: $f = 1770$ MHz; $\sigma = 1.318$ S/m; $\epsilon_r = 40.261$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(8.78, 8.78, 8.78); Calibrated: 2020/10/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1267; Calibrated: 2020/06/12
- Phantom: SAM 3; Type: SAM; Serial: 1912
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (5x8x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.01 W/kg

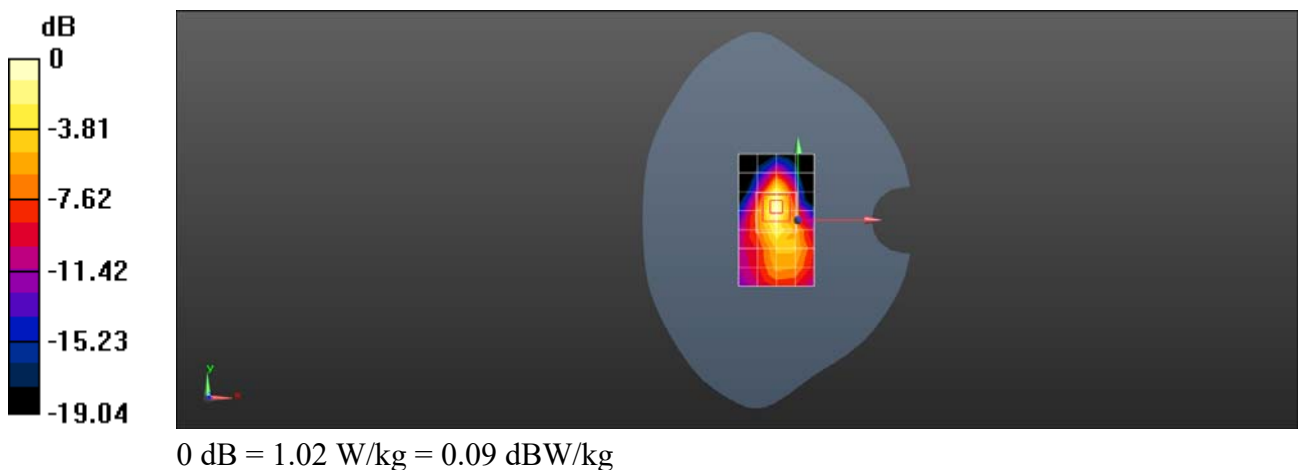
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.01 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.34 W/kg

SAR(1 g) = 0.713 W/kg; SAR(10 g) = 0.349 W/kg

Maximum value of SAR (measured) = 1.02 W/kg



Test Laboratory: SGS-SAR Lab

EA1002 LTE Band 66 20M QPSK 1RB50 132572CH Front side 15mm

DUT: EA1002; Type: Smart phone; Serial: 358621720017699

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 1770 MHz; Duty Cycle: 1:1

Medium: HSL1750; Medium parameters used: $f = 1770$ MHz; $\sigma = 1.318$ S/m; $\epsilon_r = 40.261$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(8.78, 8.78, 8.78); Calibrated: 2020/10/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1267; Calibrated: 2020/06/12
- Phantom: SAM 3; Type: SAM; Serial: 1912
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

Maximum value of SAR (measured) = 0.375 W/kg

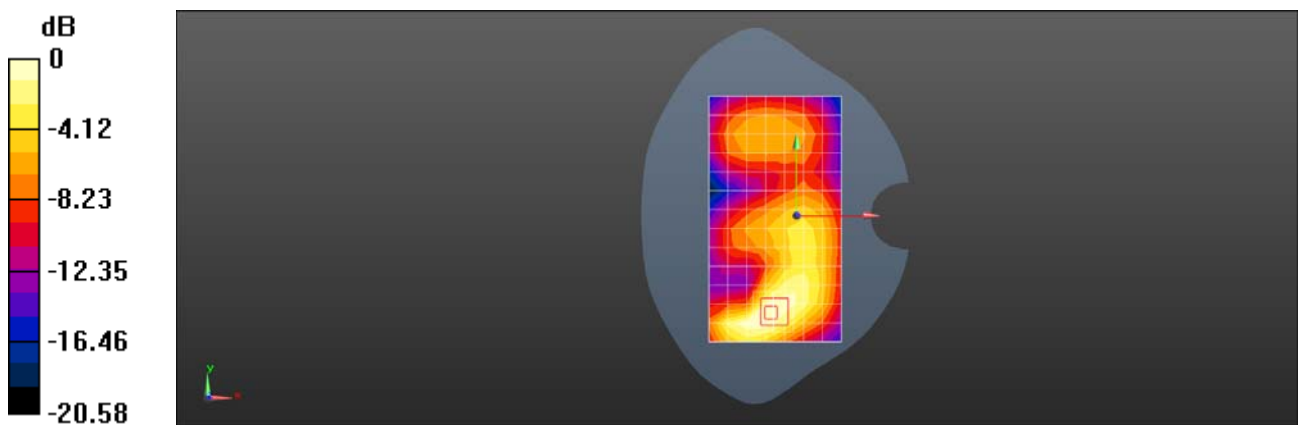
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.425 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.509 W/kg

SAR(1 g) = 0.303 W/kg; SAR(10 g) = 0.176 W/kg

Maximum value of SAR (measured) = 0.410 W/kg



0 dB = 0.410 W/kg = -3.87 dBW/kg

Test Laboratory: SGS-SAR Lab

EA1002 WIFI 2.4G 802.11g 11CH Left cheek

DUT: EA1002; Type: Smart phone; Serial: 358621720017699

Communication System: UID 0, WI-FI(2.4GHz) (0); Frequency: 2462 MHz; Duty Cycle: 1:1.04

Medium: HSL2450; Medium parameters used: $f = 2462$ MHz; $\sigma = 1.821$ S/m; $\epsilon_r = 39.881$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(7, 7, 7); Calibrated: 2020/07/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn702; Calibrated: 2020/08/13
- Phantom: SAM 2; Type: SAM; Serial: 1913
- DASY52 52.10.3(1513); SEMCAD X 14.6.14(7483)

Configuration/Head/Area Scan (10x17x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 1.63 W/kg

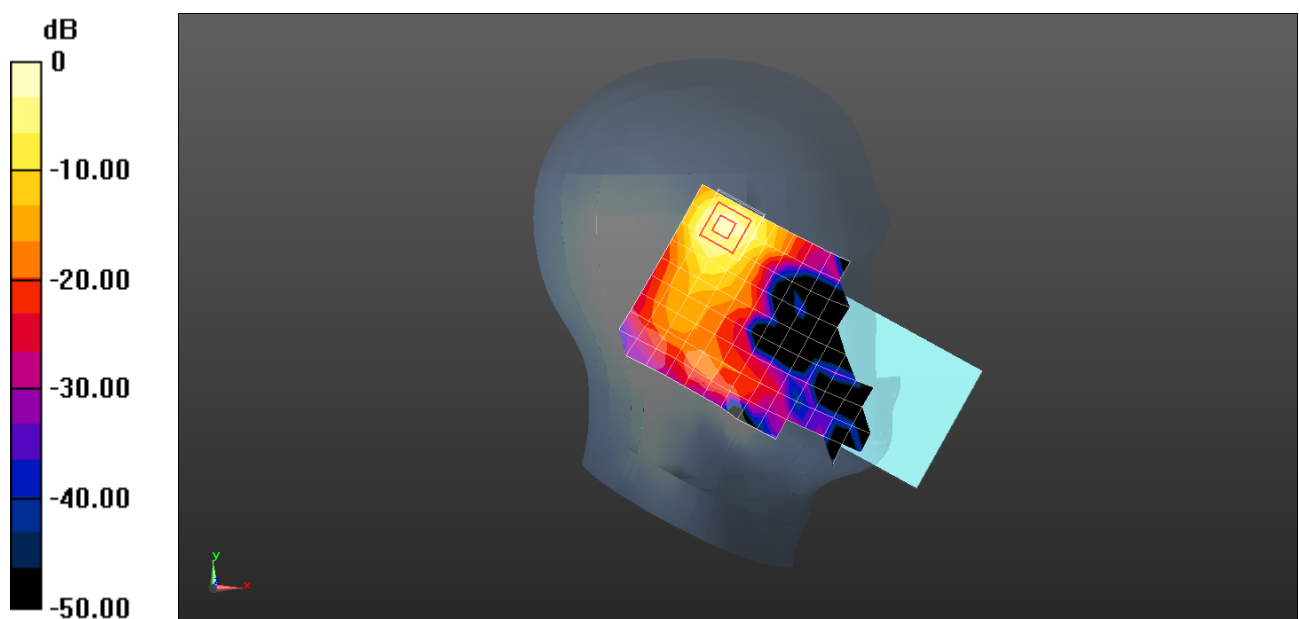
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.108 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 2.22 W/kg

SAR(1 g) = 0.901 W/kg; SAR(10 g) = 0.377 W/kg

Maximum value of SAR (measured) = 1.62 W/kg



Test Laboratory: SGS-SAR Lab

EA1002 WIFI 2.4G 802.11b 6CH Back side 10mm

DUT: EA1002; Type: Smart phone; Serial: 358621720017699

Communication System: UID 0, WI-FI(2.4GHz) (0); Frequency: 2437 MHz;Duty Cycle: 1:1.01

Medium: HSL2450;Medium parameters used: $f = 2437$ MHz; $\sigma = 1.808$ S/m; $\epsilon_r = 39.955$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(7, 7, 7); Calibrated: 2020/07/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn702; Calibrated: 2020/08/13
- Phantom: SAM 2; Type: SAM; Serial: 1913
- DASY52 52.10.3(1513); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (10x17x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.480 W/kg

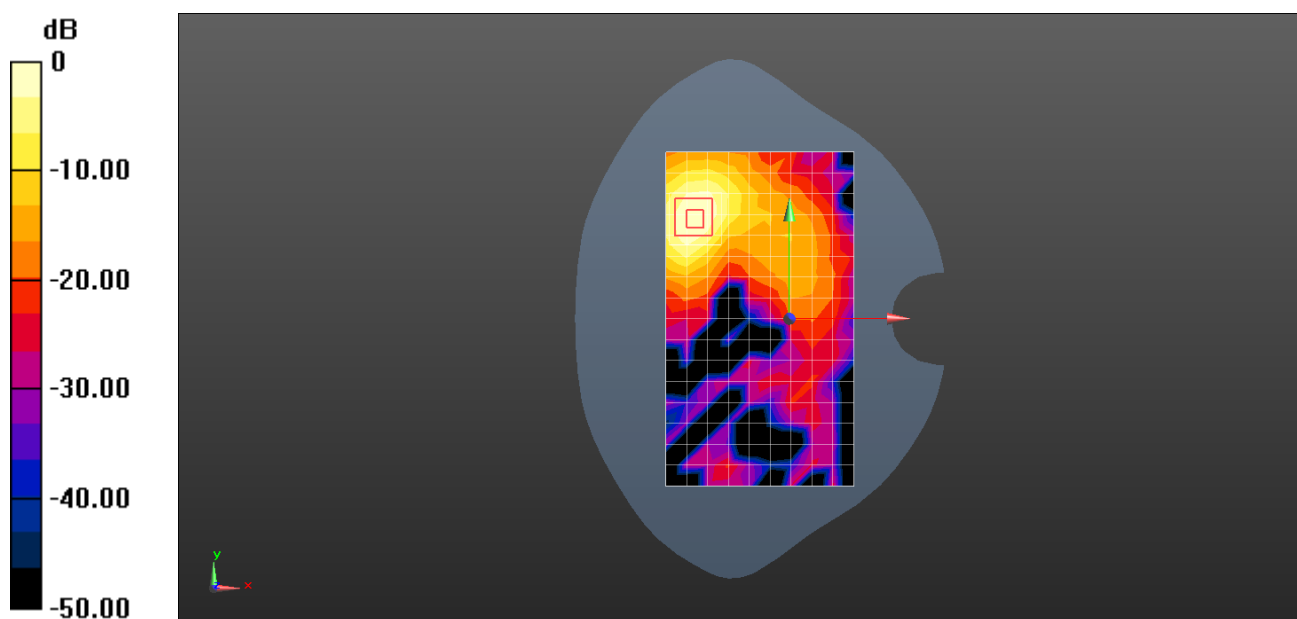
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.717 W/kg

SAR(1 g) = 0.343 W/kg; SAR(10 g) = 0.156 W/kg

Maximum value of SAR (measured) = 0.584 W/kg



Test Laboratory: SGS-SAR Lab

EA1002 WIFI 2.4G 802.11b 6CH Back side 15mm

DUT: EA1002; Type: Smart phone; Serial: 358621720017699

Communication System: UID 0, WI-FI(2.4GHz) (0); Frequency: 2437 MHz; Duty Cycle: 1:1.01

Medium: HSL2450; Medium parameters used: $f = 2437$ MHz; $\sigma = 1.808$ S/m; $\epsilon_r = 39.955$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(7, 7, 7); Calibrated: 2020/07/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn702; Calibrated: 2020/08/13
- Phantom: SAM 2; Type: SAM; Serial: 1913
- DASY52 52.10.3(1513); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (10x17x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.229 W/kg

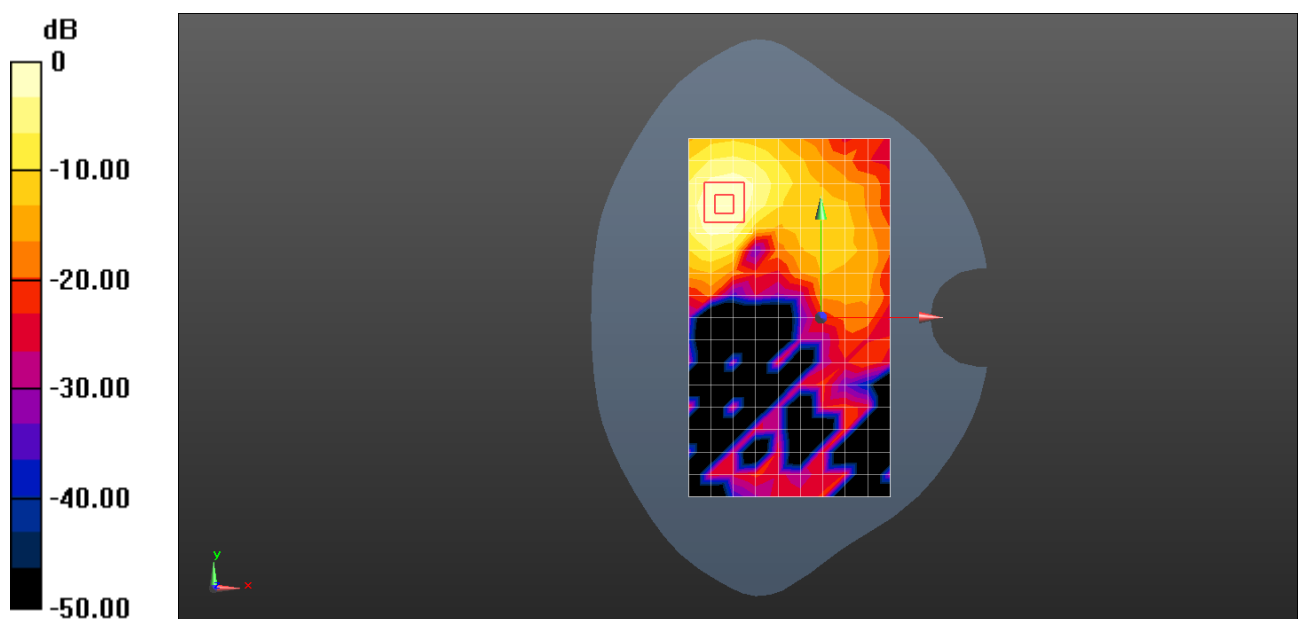
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.303 W/kg

SAR(1 g) = 0.159 W/kg; SAR(10 g) = 0.078 W/kg

Maximum value of SAR (measured) = 0.252 W/kg



Test Laboratory: SGS-SAR Lab

EA1002 WIFI 5G 802.11a 56CH Left cheek

DUT: EA1002; Type: Smart phone; Serial: 358621720017699

Communication System: UID 0, WI-FI(5GHz) (0); Frequency: 5280 MHz; Duty Cycle: 1:1.04

Medium: HSL5G; Medium parameters used: $f = 5280$ MHz; $\sigma = 4.901$ S/m; $\epsilon_r = 36.745$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(5.05, 5.05, 5.05); Calibrated: 2020/07/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn702; Calibrated: 2020/08/13
- Phantom: SAM 2; Type: SAM; Serial: 1913
- DASY52 52.10.3(1513); SEMCAD X 14.6.14(7483)

Configuration/Head/Area Scan (12x21x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.32 W/kg

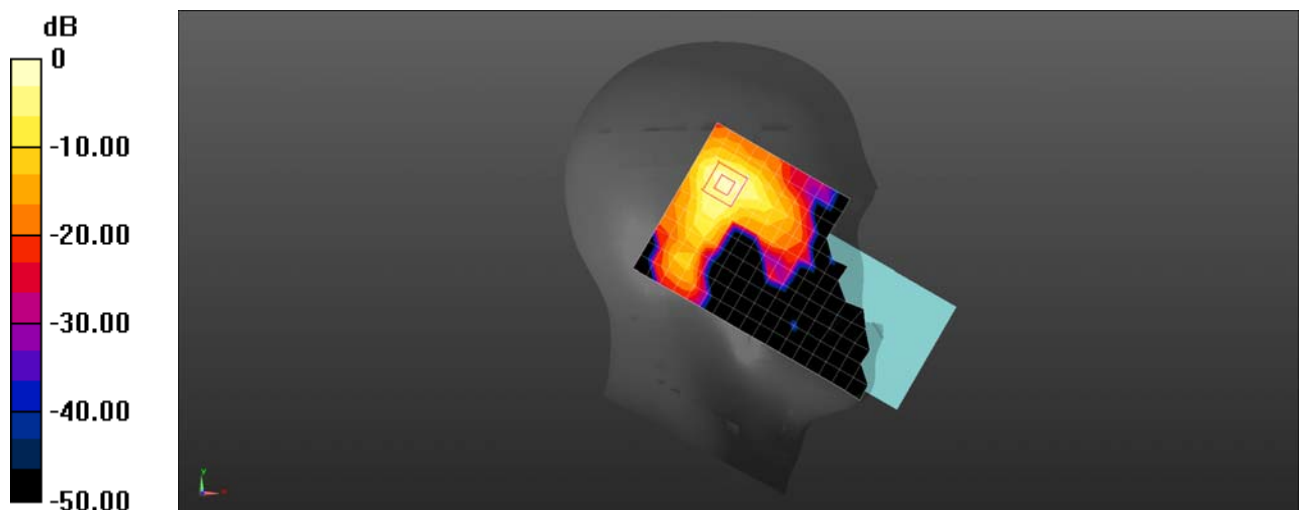
Configuration/Head/Zoom Scan (7x7x17)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 3.667 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 2.48 W/kg

SAR(1 g) = 0.592 W/kg; SAR(10 g) = 0.173 W/kg

Maximum value of SAR (measured) = 1.37 W/kg



0 dB = 1.32 W/kg = 1.20 dBW/kg

Test Laboratory: SGS-SAR Lab

EA1002 WIFI 5G 802.11a 157CH Top side 10mm

DUT: EA1002; Type: Smart phone; Serial: 358621720017699

Communication System: UID 0, WI-FI(5GHz) (0); Frequency: 5785 MHz; Duty Cycle: 1:1.04

Medium: HSL5G; Medium parameters used: $f = 5785$ MHz; $\sigma = 5.476$ S/m; $\epsilon_r = 35.657$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(4.7, 4.7, 4.7); Calibrated: 2020/07/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn702; Calibrated: 2020/08/13
- Phantom: SAM 2; Type: SAM; Serial: 1913
- DASY52 52.10.3(1513); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (6x12x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.191 W/kg

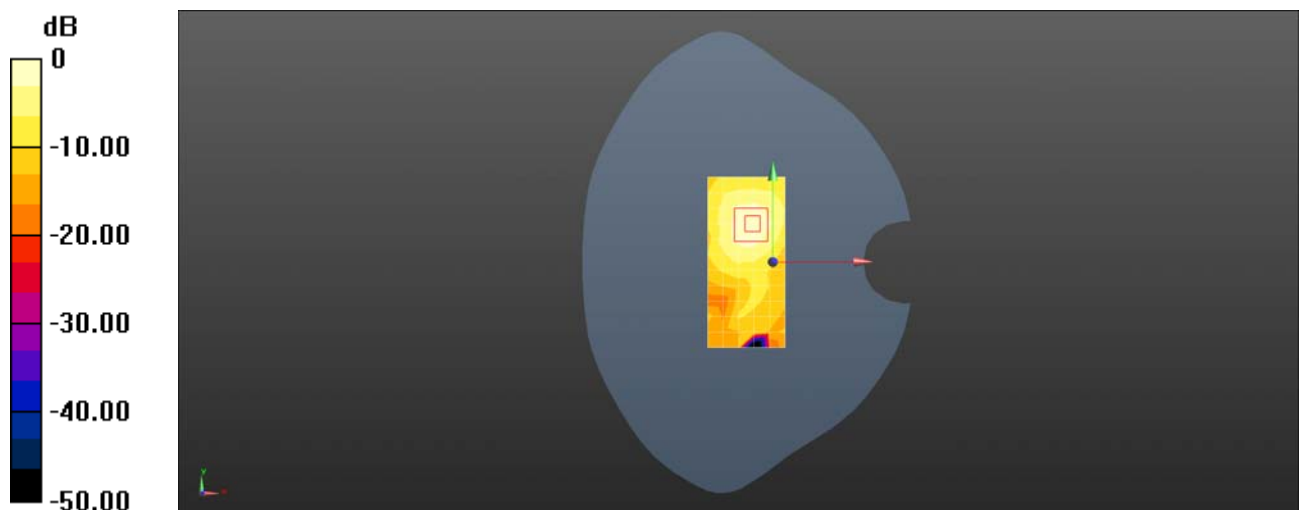
Configuration/Body/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 2.000 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.357 W/kg

SAR(1 g) = 0.083 W/kg; SAR(10 g) = 0.031 W/kg

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



Test Laboratory: SGS-SAR Lab

EA1002 WIFI 5G 802.11a 157CH Back side 15mm

DUT: EA1002; Type: Smart phone; Serial: 358621720017699

Communication System: UID 0, WI-FI(5GHz) (0); Frequency: 5785 MHz; Duty Cycle: 1:1.04

Medium: HSL5G; Medium parameters used: $f = 5785 \text{ MHz}$; $\sigma = 5.476 \text{ S/m}$; $\epsilon_r = 35.657$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(4.7, 4.7, 4.7); Calibrated: 2020/07/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn702; Calibrated: 2020/08/13
- Phantom: SAM 2; Type: SAM; Serial: 1913
- DASY52 52.10.3(1513); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (12x20x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.0879 W/kg

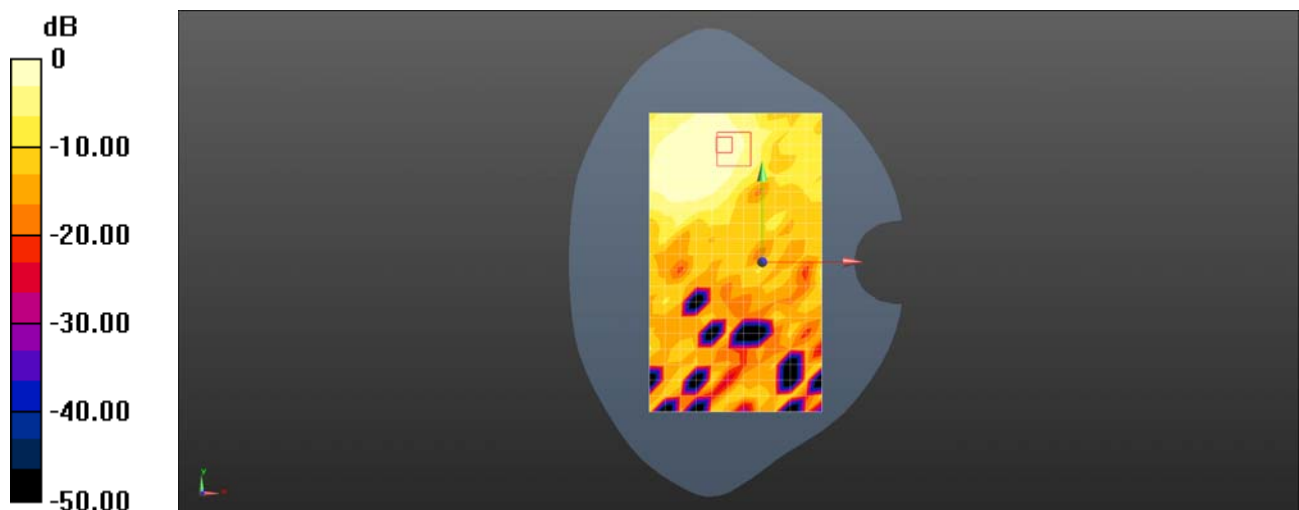
Configuration/Body/Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 0.113 V/m ; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.150 W/kg

SAR(1 g) = 0.032 W/kg ; SAR(10 g) = 0.011 W/kg

Maximum value of SAR (measured) = 0.0881 W/kg



Test Laboratory: SGS-SAR Lab

EA1002 WIFI 5G 802.11a 56CH Top side 0mm

DUT: EA1002; Type: Smart phone; Serial: 358621720017699

Communication System: UID 0, WI-FI(5GHz) (0); Frequency: 5280 MHz; Duty Cycle: 1:1.04

Medium: HSL5G; Medium parameters used: $f = 5280$ MHz; $\sigma = 4.901$ S/m; $\epsilon_r = 36.745$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(5.05, 5.05, 5.05); Calibrated: 2020/07/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn702; Calibrated: 2020/08/13
- Phantom: SAM 2; Type: SAM; Serial: 1913
- DASY52 52.10.3(1513); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (6x11x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 8.50 W/kg

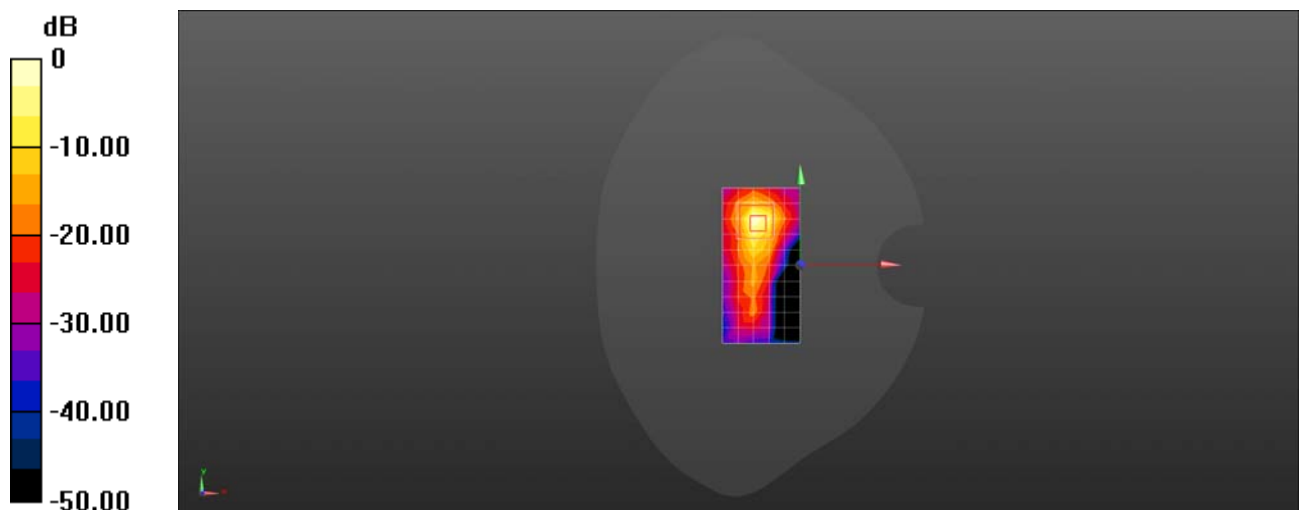
Configuration/Body/Zoom Scan (7x7x17)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 4.649 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 29.9 W/kg

SAR(1 g) = 3.46 W/kg; SAR(10 g) = 0.623 W/kg

Maximum value of SAR (measured) = 11.2 W/kg



0 dB = 8.50 W/kg = 9.29 dBW/kg

Test Laboratory: SGS-SAR Lab

EA1002 Bluetooth DH5 0CH Left cheek

DUT: EA1002; Type: Smart phone; Serial: 358621720017699

Communication System: UID 0, Bluetooth (0); Frequency: 2402 MHz; Duty Cycle: 1:1.30

Medium: HSL2450; Medium parameters used: $f = 2402$ MHz; $\sigma = 1.771$ S/m; $\epsilon_r = 40.176$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(7, 7, 7); Calibrated: 2020/07/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn702; Calibrated: 2020/08/13
- Phantom: SAM 2; Type: SAM; Serial: 1913
- DASY52 52.10.3(1513); SEMCAD X 14.6.14(7483)

Configuration/Head/Area Scan (10x17x1): Measurement grid: $dx=12$ mm, $dy=12$ mm
Maximum value of SAR (measured) = 0.217 W/kg

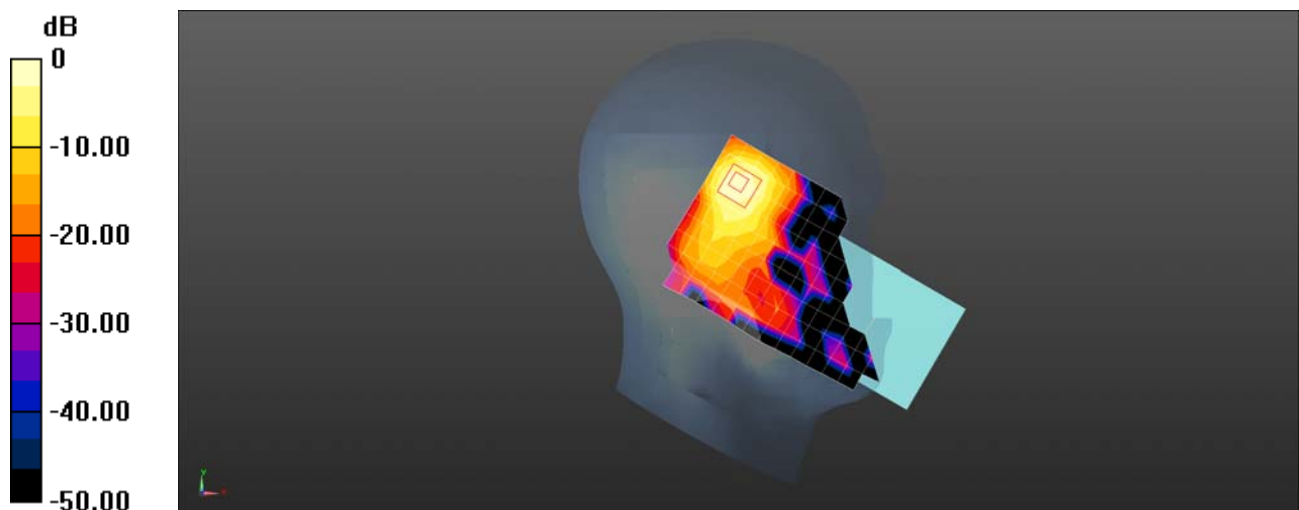
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 2.796 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.313 W/kg

SAR(1 g) = 0.125 W/kg; SAR(10 g) = 0.053 W/kg

Maximum value of SAR (measured) = 0.227 W/kg



Test Laboratory: SGS-SAR Lab

EA1002 Bluetooth DH5 0CH Back side 10mm

DUT: EA1002; Type: Smart phone; Serial: 358621720017699

Communication System: UID 0, Bluetooth (0); Frequency: 2402 MHz; Duty Cycle: 1:1.30

Medium: HSL2450; Medium parameters used: $f = 2402$ MHz; $\sigma = 1.771$ S/m; $\epsilon_r = 40.176$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(7, 7, 7); Calibrated: 2020/07/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn702; Calibrated: 2020/08/13
- Phantom: SAM 2; Type: SAM; Serial: 1913
- DASY52 52.10.3(1513); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (10x17x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.0797 W/kg

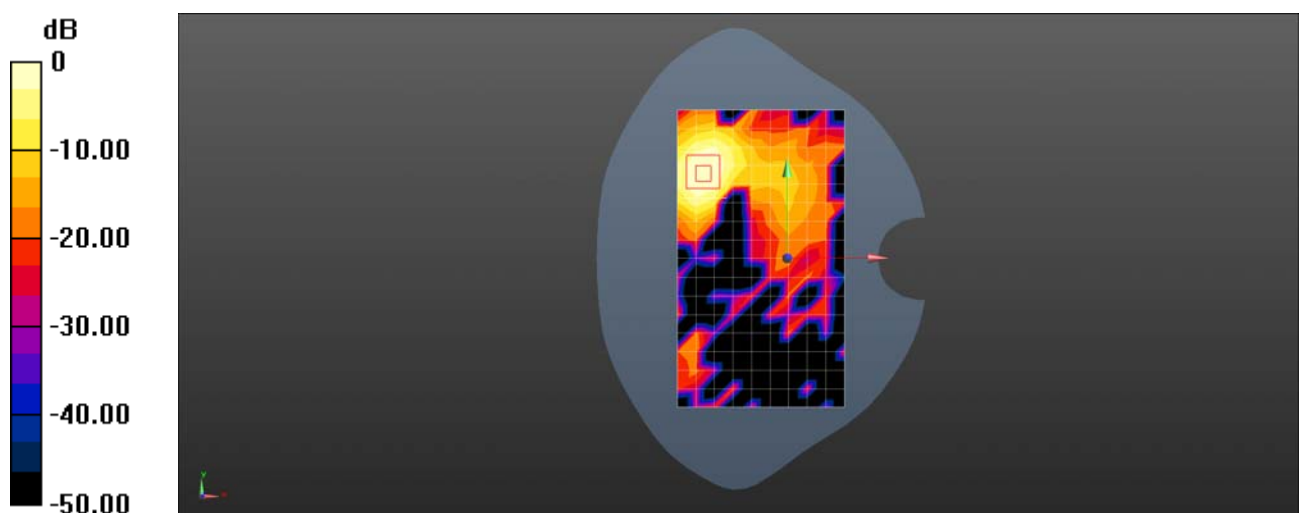
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.4100 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.125 W/kg

SAR(1 g) = 0.059 W/kg; SAR(10 g) = 0.026 W/kg

Maximum value of SAR (measured) = 0.101 W/kg



0 dB = 0.0797 W/kg = -10.98 dBW/kg

Test Laboratory: SGS-SAR Lab

EA1002 Bluetooth DH5 0CH Back side 15mm

DUT: EA1002; Type: Smart phone; Serial: 358621720017699

Communication System: UID 0, Bluetooth (0); Frequency: 2402 MHz; Duty Cycle: 1:1.30

Medium: HSL2450; Medium parameters used: $f = 2402$ MHz; $\sigma = 1.771$ S/m; $\epsilon_r = 40.176$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(7, 7, 7); Calibrated: 2020/07/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn702; Calibrated: 2020/08/13
- Phantom: SAM 2; Type: SAM; Serial: 1913
- DASY52 52.10.3(1513); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (10x17x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.0445 W/kg

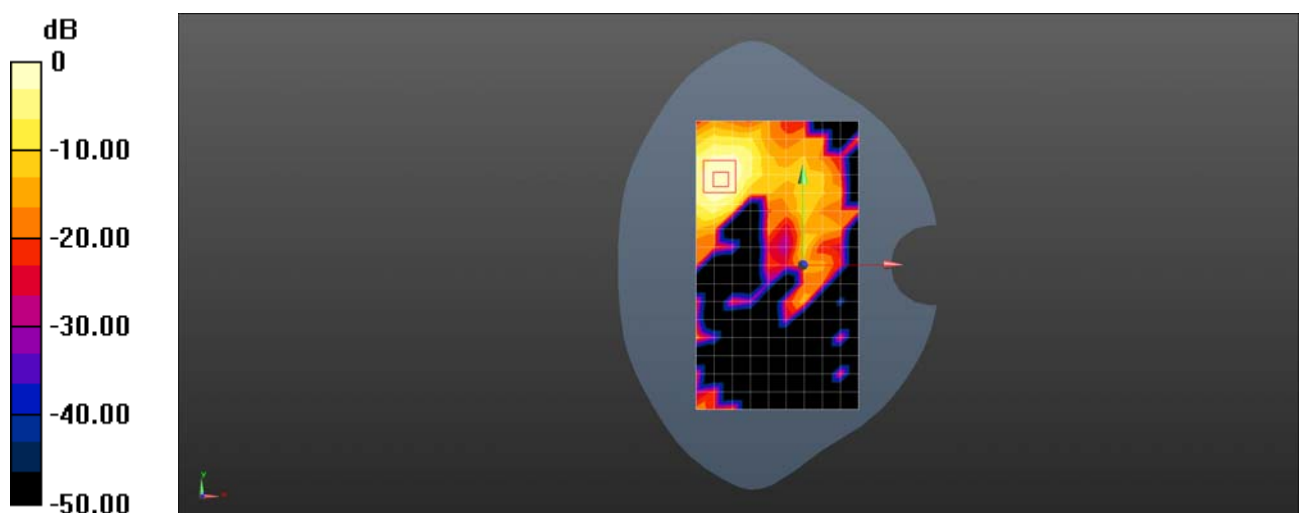
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.120 W/kg

SAR(1 g) = 0.0275 W/kg; SAR(10 g) = 0.012 W/kg

Maximum value of SAR (measured) = 0.0439 W/kg



0 dB = 0.0445 W/kg = -13.51 dBW/kg