



Appendix B

Detailed Test Results

1. GSM
GSM850 for Head & Body
GSM1900 for Head & Body
2. WCDMA
WCDMA Band II for Head & Body
WCDMA Band IV for Head & Body
WCDMA Band V for Head & Body
3. LTE
LTE Band 2 for Head & Body
LTE Band 4 for Head & Body
LTE Band 5 for Head & Body
LTE Band 7 for Head & Body
LTE Band 12 for Head & Body
LTE Band 13 for Head & Body
LTE Band 17 for Head & Body
LTE Band 66 for Head & Body
4. WIFI
WIFI 2.4GHz for Head & Body
WIFI 5GHz for Head & Body

Test Laboratory: SGS-SAR Lab

LM-K520HMW GSM850 GSM 190CH Right cheek

DUT: LM-K520HMW; Type: Mobile handset; Serial: 356635110033993

Communication System: UID 0, GSM Only Communication System (0); Frequency: 836.6 MHz; Duty Cycle: 1:8.30042

Medium: HSL835; Medium parameters used: $f = 837$ MHz; $\sigma = 0.887$ S/m; $\epsilon_r = 40.787$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(8.53, 8.53, 8.53); Calibrated: 2020-06-16;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1374; Calibrated: 2019-09-24
- Phantom: SAM5; Type: SAM; Serial: 1481
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Configuration/Head/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.292 W/kg

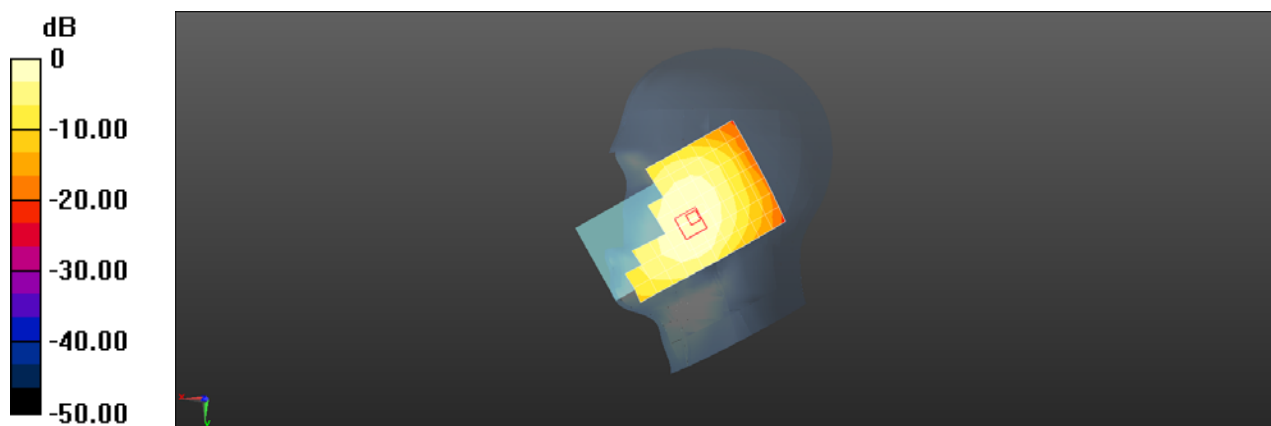
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.198 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.324 W/kg

SAR(1 g) = 0.243 W/kg; SAR(10 g) = 0.177 W/kg

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



0 dB = 0.296 W/kg = -5.29 dBW/kg

Test Laboratory: SGS-SAR Lab

LM-K520HMW GSM850 GSM 190CH Back side 10mm

DUT: LM-K520HMW; Type: Mobile handset; Serial: 356635110033993

Communication System: UID 0, GSM Only Communication System (0); Frequency: 836.6 MHz; Duty Cycle: 1:8.30042

Medium: HSL835; Medium parameters used: $f = 837$ MHz; $\sigma = 0.887$ S/m; $\epsilon_r = 40.787$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(8.53, 8.53, 8.53); Calibrated: 2020-06-16;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1374; Calibrated: 2019-09-24
- Phantom: SAM5; Type: SAM; Serial: 1481
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Configuration/Body/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.492 W/kg

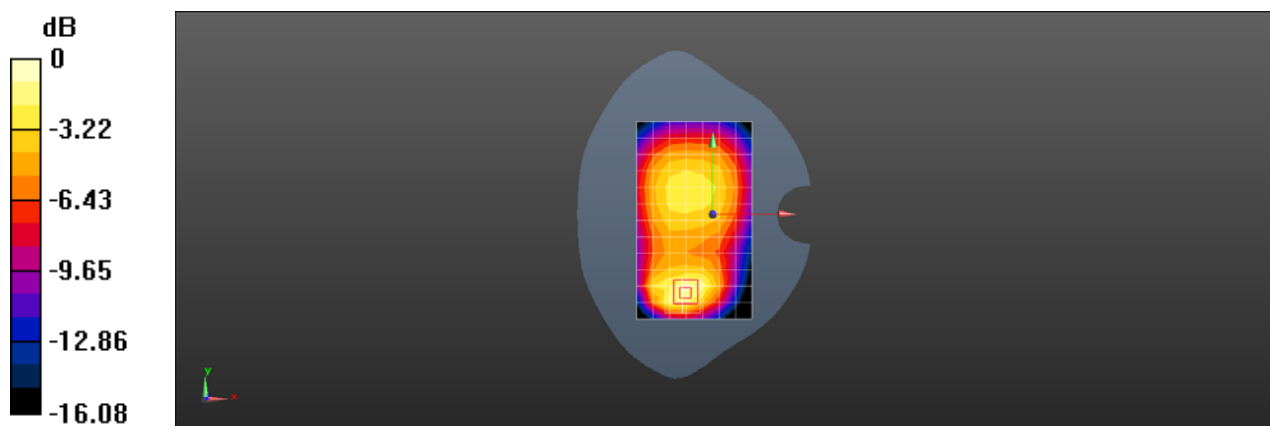
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.14 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.732 W/kg

SAR(1 g) = 0.393 W/kg; SAR(10 g) = 0.229 W/kg

Maximum value of SAR (measured) = 0.592 W/kg



Test Laboratory: SGS-SAR Lab

LM-K520HMW GSM850 GPRS 4TS 190CH Back side 10mm

DUT: LM-K520HMW; Type: Mobile handset; Serial: 356635110033993

Communication System: UID 0, GPRS/EGPRS Mode(4up) Communication System (0); Frequency: 836.6 MHz; Duty Cycle: 1:2.0797

Medium: HSL835; Medium parameters used: $f = 837$ MHz; $\sigma = 0.887$ S/m; $\epsilon_r = 40.787$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(8.53, 8.53, 8.53); Calibrated: 2020-06-16;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1374; Calibrated: 2019-09-24
- Phantom: SAM5; Type: SAM; Serial: 1481
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Configuration/Body/Area Scan (8x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 0.711 W/kg

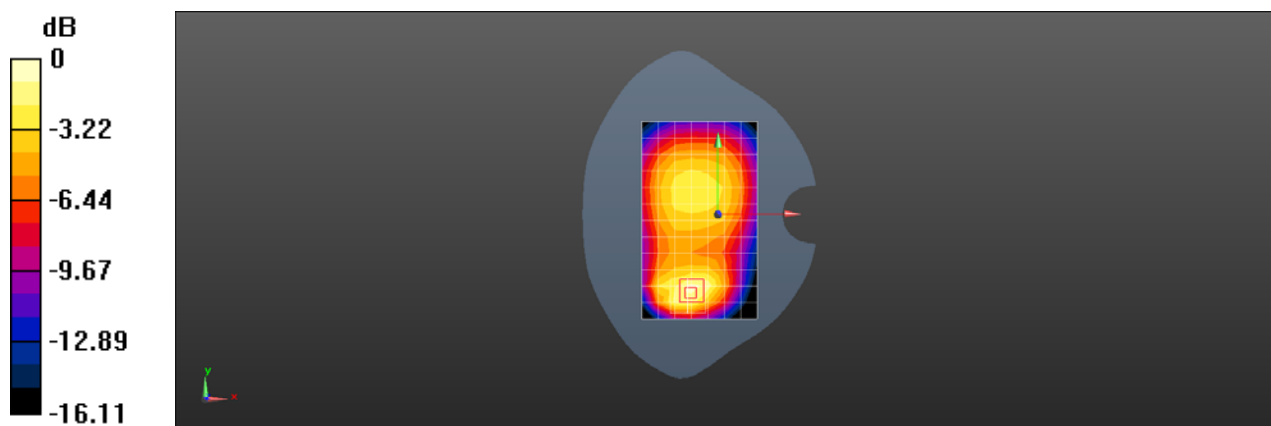
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 19.57 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.04 W/kg

SAR(1 g) = 0.558 W/kg; SAR(10 g) = 0.325 W/kg

Maximum value of SAR (measured) = 0.842 W/kg



0 dB = 0.842 W/kg = -0.75 dBW/kg

Test Laboratory: The name of your organization

LM-K520HMW GSM1900 GSM 661CH Left cheek

DUT: LM-K520HMW; Type: Mobile handset; Serial: 356635110033993

Communication System: UID 0, GSM Only Communication System (0); Frequency: 1880 MHz; Duty Cycle: 1:8.30042

Medium: HSL1900; Medium parameters used: $f = 1880$ MHz; $\sigma = 1.396$ S/m; $\epsilon_r = 40.92$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(7.32, 7.32, 7.32); Calibrated: 2020-06-16;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1374; Calibrated: 2019-09-24
- Phantom: SAM5; Type: SAM; Serial: 1481
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Configuration/Head/Area Scan (8x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 0.145 W/kg

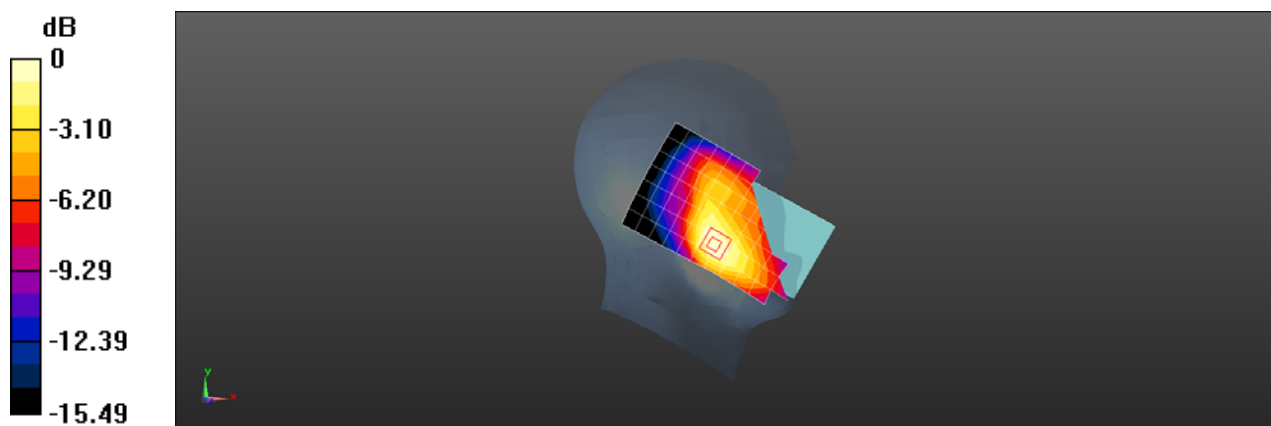
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 2.965 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.206 W/kg

SAR(1 g) = 0.136 W/kg; SAR(10 g) = 0.087 W/kg

Maximum value of SAR (measured) = 0.159 W/kg



0 dB = 0.159 W/kg = -7.99 dBW/kg

Test Laboratory: The name of your organization

LM-K520HMW GSM1900 GSM 661CH Back side 10mm

DUT: LM-K520HMW; Type: Mobile handset; Serial: 356635110033993

Communication System: UID 0, GSM Only Communication System (0); Frequency: 1880 MHz; Duty Cycle: 1:8.30042

Medium: HSL1900; Medium parameters used: $f = 1880$ MHz; $\sigma = 1.396$ S/m; $\epsilon_r = 40.92$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(7.32, 7.32, 7.32); Calibrated: 2020-06-16;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1374; Calibrated: 2019-09-24
- Phantom: SAM5; Type: SAM; Serial: 1481
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Configuration/Body/Area Scan (8x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 0.388 W/kg

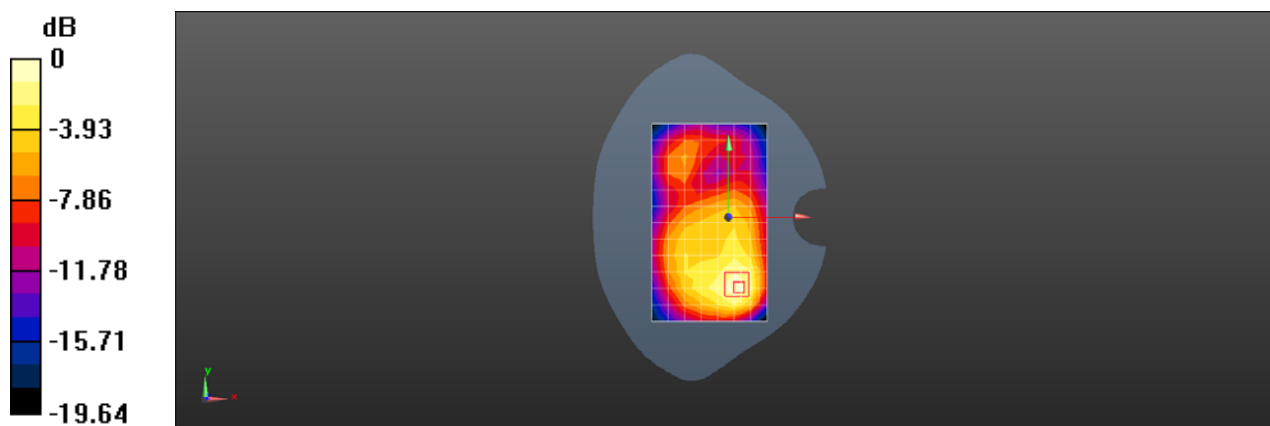
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 9.245 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.591 W/kg

SAR(1 g) = 0.331 W/kg; SAR(10 g) = 0.186 W/kg

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



Test Laboratory: The name of your organization

LM-K520HMW GSM1900 GPRS 4TS 661CH Back side 10mm

DUT: LM-K520HMW; Type: Mobile handset; Serial: 356635110033993

Communication System: UID 0, GPRS/EGPRS(4UP) (0); Frequency: 1880 MHz; Duty Cycle: 1:2.0797

Medium: HSL1900; Medium parameters used: $f = 1880$ MHz; $\sigma = 1.396$ S/m; $\epsilon_r = 40.92$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(7.32, 7.32, 7.32); Calibrated: 2020-06-16;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1374; Calibrated: 2019-09-24
- Phantom: SAM5; Type: SAM; Serial: 1481
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Configuration/Body/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.503 W/kg

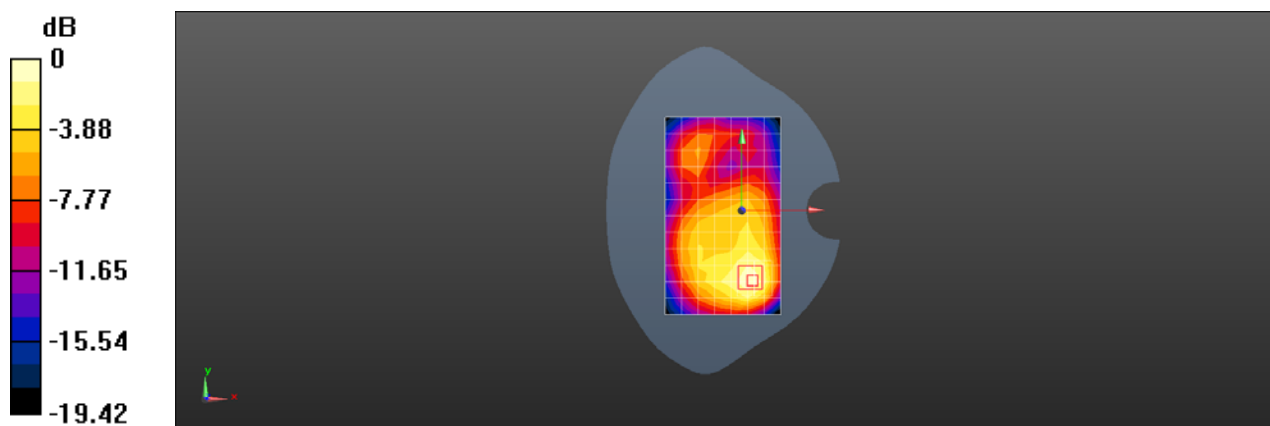
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.60 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.761 W/kg

SAR(1 g) = 0.425 W/kg; SAR(10 g) = 0.240 W/kg

Maximum value of SAR (measured) = 0.517 W/kg



0 dB = 0.517 W/kg = -2.87 dBW/kg

Test Laboratory: The name of your organization

LM-K520HMW WCDMA Band II 9400CH Left cheek

DUT: LM-K520HMW; Type: Mobile handset; Serial: 356635110033993

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

Medium: HSL1900; Medium parameters used: $f = 1880$ MHz; $\sigma = 1.396$ S/m; $\epsilon_r = 40.92$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(7.32, 7.32, 7.32); Calibrated: 2020-06-16;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1374; Calibrated: 2019-09-24
- Phantom: SAM5; Type: SAM; Serial: 1481
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Configuration/Head/Area Scan (8x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 0.283 W/kg

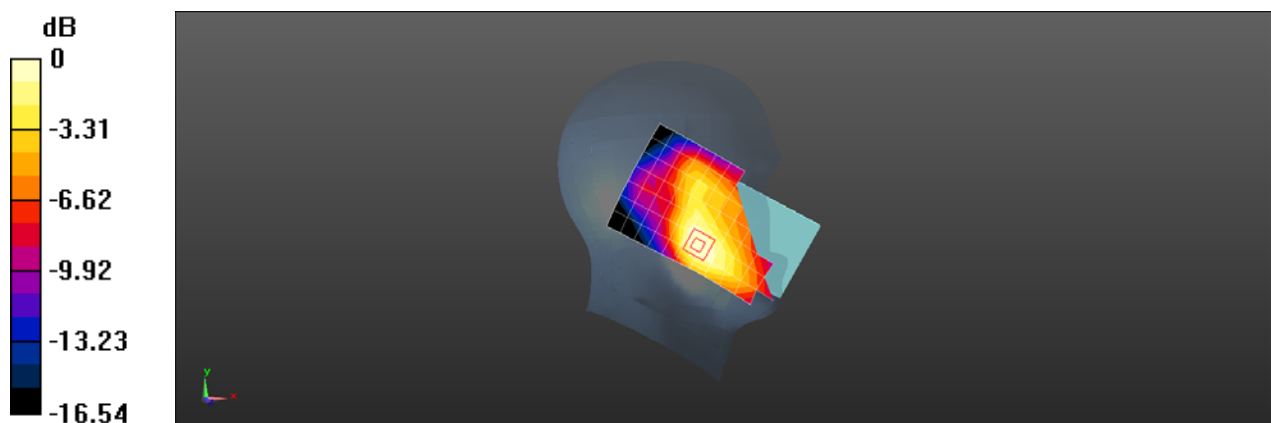
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 5.559 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.392 W/kg

SAR(1 g) = 0.262 W/kg; SAR(10 g) = 0.167 W/kg

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



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

Test Laboratory: The name of your organization

LM-K520HMW WCDMA Band II 9400CH Back side 10mm

DUT: LM-K520HMW; Type: Mobile handset; Serial: 356635110033993

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

Medium: HSL1900; Medium parameters used: $f = 1880$ MHz; $\sigma = 1.396$ S/m; $\epsilon_r = 40.92$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(7.32, 7.32, 7.32); Calibrated: 2020-06-16;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1374; Calibrated: 2019-09-24
- Phantom: SAM5; Type: SAM; Serial: 1481
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Configuration/Body/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.821 W/kg

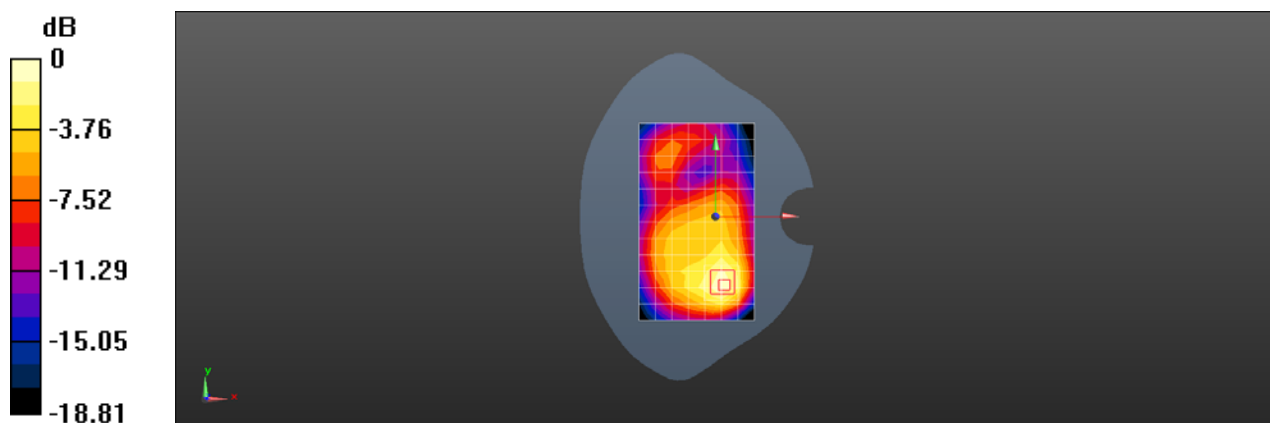
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.04 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.24 W/kg

SAR(1 g) = 0.684 W/kg; SAR(10 g) = 0.379 W/kg

Maximum value of SAR (measured) = 0.817 W/kg



0 dB = 0.817 W/kg = -0.88 dBW/kg

Test Laboratory: The name of your organization

LM-K520HMW WCDMA Band IV 1412CH Left cheek

DUT: LM-K520HMW; Type: Mobile handset; Serial: 356635110033993

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

Medium: HSL1750; Medium parameters used (interpolated): $f = 1732.4$ MHz; $\sigma = 1.314$ S/m; $\epsilon_r = 40.21$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(7.61, 7.61, 7.61); Calibrated: 2020-06-16;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1374; Calibrated: 2019-09-24
- Phantom: SAM5; Type: SAM; Serial: 1481
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Configuration/Head/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.233 W/kg

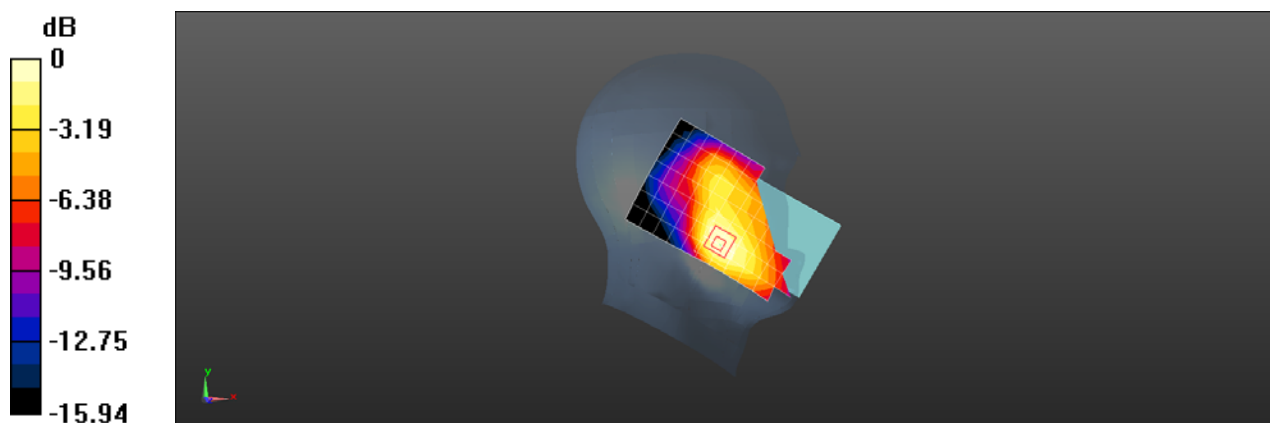
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.451 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.309 W/kg

SAR(1 g) = 0.217 W/kg; SAR(10 g) = 0.144 W/kg

Maximum value of SAR (measured) = 0.250 W/kg



0 dB = 0.250 W/kg = -6.02 dBW/kg

Test Laboratory: The name of your organization

LM-K520HMW WCDMA Band IV 1412CH Back side 10mm

DUT: LM-K520HMW; Type: Mobile handset; Serial: 356635110033993

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

Medium: HSL1750; Medium parameters used (interpolated): $f = 1732.4$ MHz; $\sigma = 1.314$ S/m; $\epsilon_r = 40.21$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(7.61, 7.61, 7.61); Calibrated: 2020-06-16;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1374; Calibrated: 2019-09-24
- Phantom: SAM5; Type: SAM; Serial: 1481
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Configuration/Body/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.599 W/kg

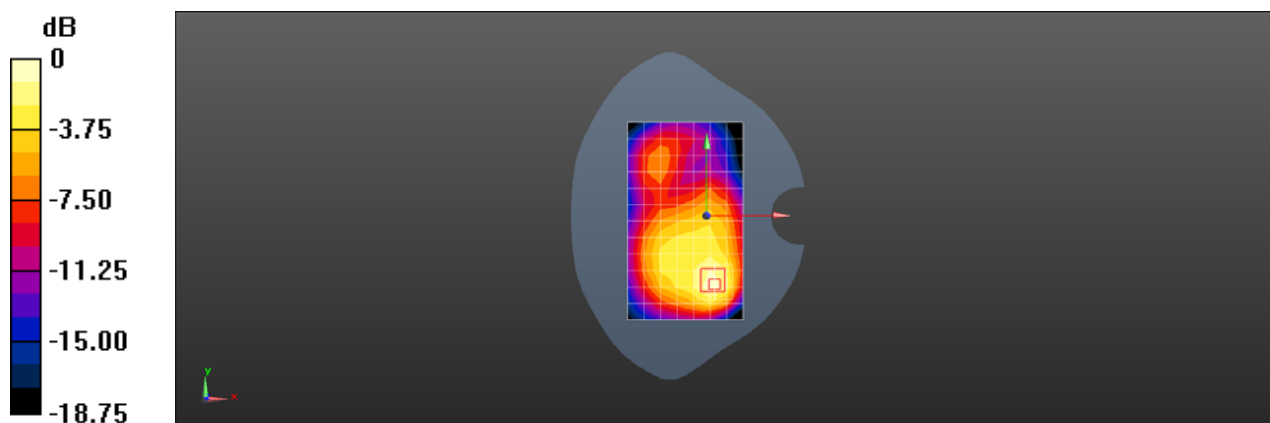
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.74 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.924 W/kg

SAR(1 g) = 0.521 W/kg; SAR(10 g) = 0.294 W/kg

Maximum value of SAR (measured) = 0.639 W/kg



0 dB = 0.639 W/kg = -1.94 dBW/kg

Test Laboratory: SGS-SAR Lab

LM-K520HMW WCDMA Band V 4182CH Right cheek

DUT: LM-K520HMW; Type: Mobile handset; Serial: 356635110033993

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

Medium: HSL835; Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 0.887$ S/m; $\epsilon_r = 40.79$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(8.53, 8.53, 8.53); Calibrated: 2020-06-16;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1374; Calibrated: 2019-09-24
- Phantom: SAM5; Type: SAM; Serial: 1481
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Configuration/Head/Area Scan (8x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 0.282 W/kg

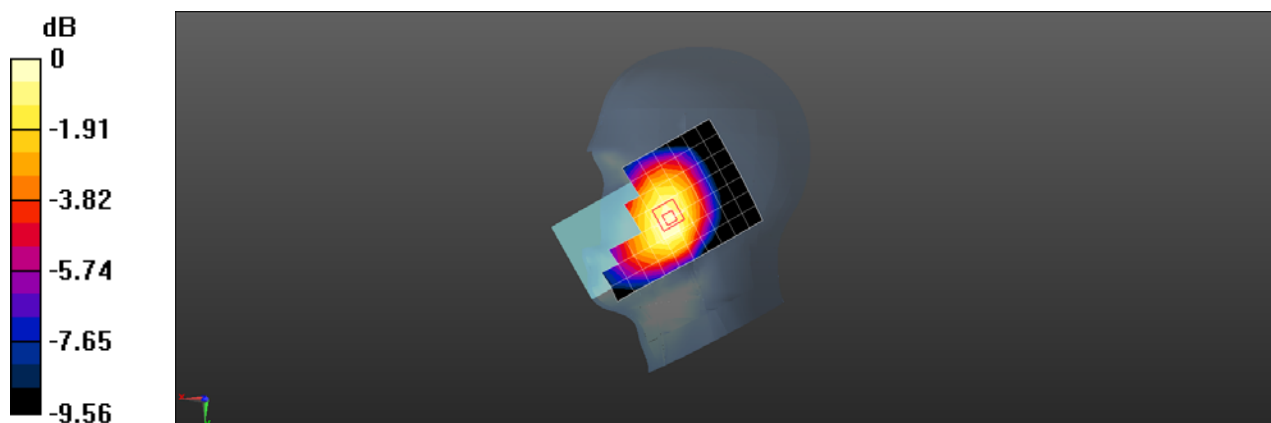
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 4.103 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.311 W/kg

SAR(1 g) = 0.232 W/kg; SAR(10 g) = 0.177 W/kg

Maximum value of SAR (measured) = 0.283 W/kg



0 dB = 0.283 W/kg = -5.48 dBW/kg

Test Laboratory: SGS-SAR Lab

LM-K520HMW WCDMA Band V 4182CH Back side 10mm

DUT: LM-K520HMW; Type: Mobile handset; Serial: 356635110033993

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

Medium: HSL835; Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 0.887$ S/m; $\epsilon_r = 40.79$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(8.53, 8.53, 8.53); Calibrated: 2020-06-16;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1374; Calibrated: 2019-09-24
- Phantom: SAM5; Type: SAM; Serial: 1481
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Configuration/Body/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.585 W/kg

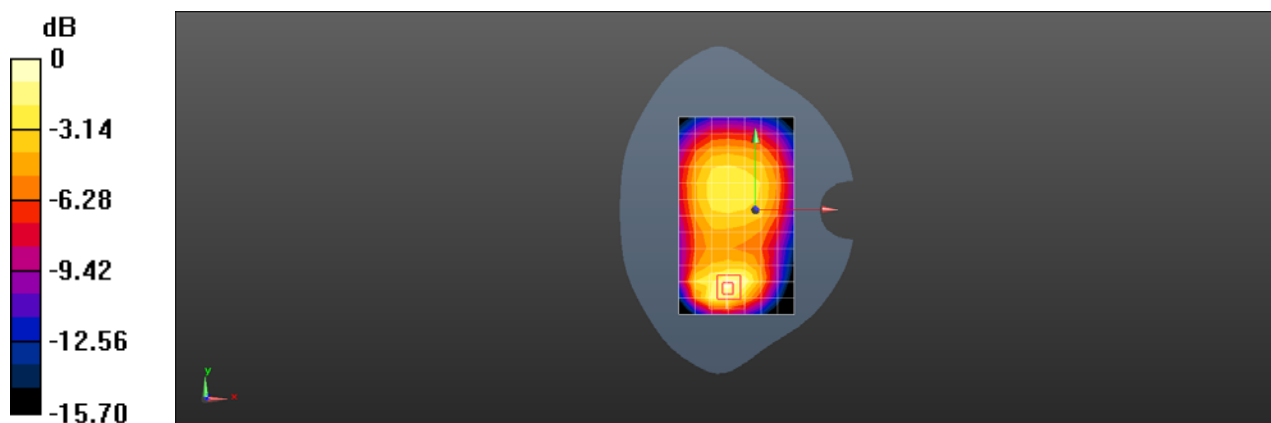
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.17 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.855 W/kg

SAR(1 g) = 0.460 W/kg; SAR(10 g) = 0.268 W/kg

Maximum value of SAR (measured) = 0.691 W/kg



0 dB = 0.691 W/kg = -1.61 dBW/kg

Test Laboratory: The name of your organization

LM-K520HMW LTE Band 2 20M QPSK 1RB50 19100CH Left cheek

DUT: LM-K520HMW; Type: Mobile handset; Serial: 356635110033993

Communication System: UID 0, FDD-LTE(QPSK_20M_1RB) (0); Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: HSL1900; Medium parameters used: $f = 1900$ MHz; $\sigma = 1.408$ S/m; $\epsilon_r = 40.828$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(7.32, 7.32, 7.32); Calibrated: 2020-06-16;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1374; Calibrated: 2019-09-24
- Phantom: SAM5; Type: SAM; Serial: 1481
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Configuration/Head/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.267 W/kg

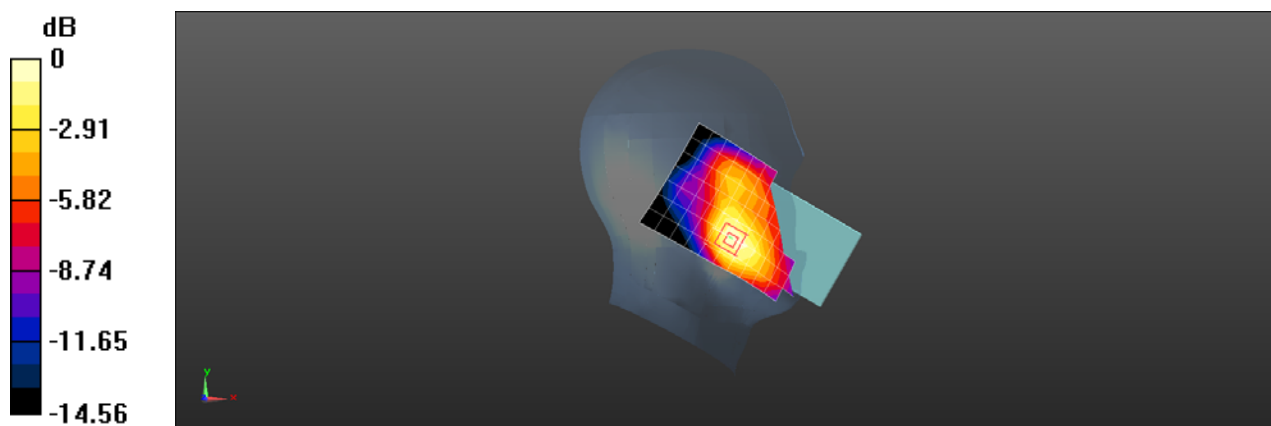
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.056 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.363 W/kg

SAR(1 g) = 0.236 W/kg; SAR(10 g) = 0.147 W/kg

Maximum value of SAR (measured) = 0.276 W/kg



0 dB = 0.276 W/kg = -5.59 dBW/kg

Test Laboratory: The name of your organization

LM-K520HMW LTE Band 2 20M QPSK 1RB50 19100CH Back side 10mm

DUT: LM-K520HMW; Type: Mobile handset; Serial: 356635110033993

Communication System: UID 0, FDD-LTE(QPSK_20M_1RB) (0); Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: HSL1900; Medium parameters used: $f = 1900$ MHz; $\sigma = 1.408$ S/m; $\epsilon_r = 40.828$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(7.32, 7.32, 7.32); Calibrated: 2020-06-16;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1374; Calibrated: 2019-09-24
- Phantom: SAM5; Type: SAM; Serial: 1481
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Configuration/Body/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.597 W/kg

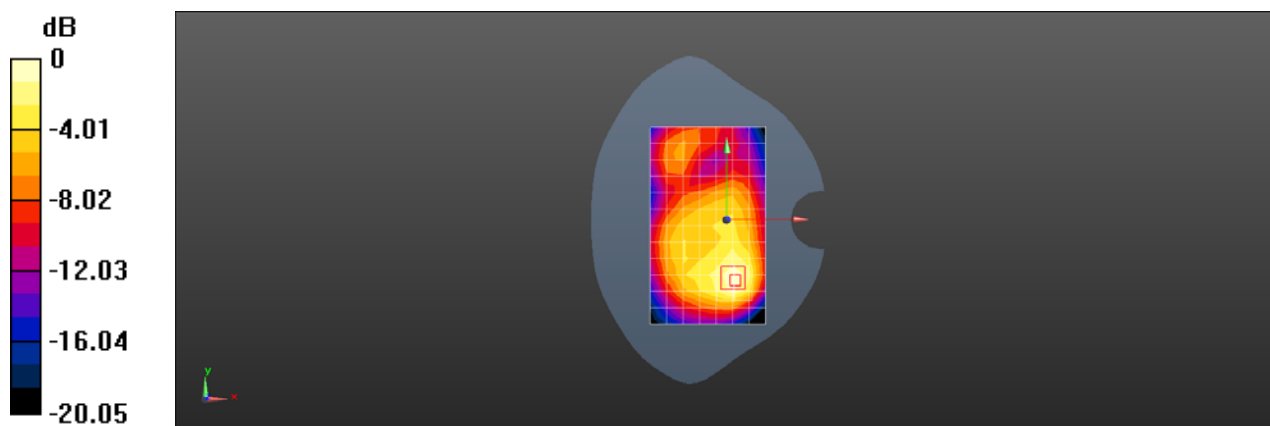
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.81 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.926 W/kg

SAR(1 g) = 0.520 W/kg; SAR(10 g) = 0.291 W/kg

Maximum value of SAR (measured) = 0.635 W/kg



Test Laboratory: The name of your organization

LM-K520HMW LTE Band 4 20M QPSK 1RB50 20050CH Left cheek

DUT: LM-K520HMW; Type: Mobile handset; Serial: 356635110033993

Communication System: UID 0, FDD-LTE(QPSK_20M_1RB) (0); Frequency: 1720 MHz; Duty Cycle: 1:1

Medium: HSL1750; Medium parameters used: $f = 1720$ MHz; $\sigma = 1.309$ S/m; $\epsilon_r = 40.247$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(7.61, 7.61, 7.61); Calibrated: 2020-06-16;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1374; Calibrated: 2019-09-24
- Phantom: SAM5; Type: SAM; Serial: 1481
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Configuration/Head/Area Scan (8x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 0.223 W/kg

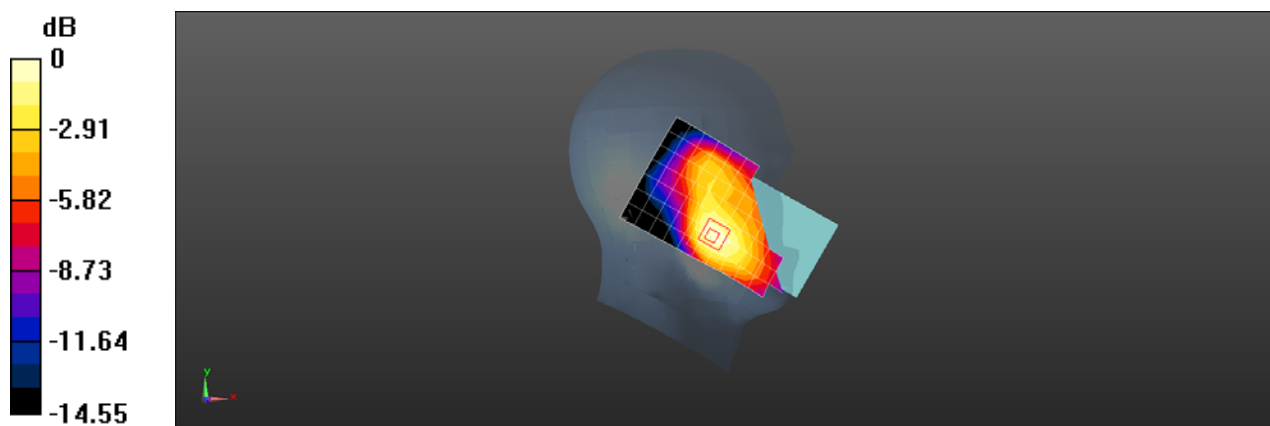
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 4.732 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.299 W/kg

SAR(1 g) = 0.205 W/kg; SAR(10 g) = 0.135 W/kg

Maximum value of SAR (measured) = 0.239 W/kg



0 dB = 0.239 W/kg = -6.22 dBW/kg

Test Laboratory: The name of your organization

LM-K520HMW LTE Band 4 20M QPSK 1RB50 20050CH Back side 10mm

DUT: LM-K520HMW; Type: Mobile handset; Serial: 356635110033993

Communication System: UID 0, FDD-LTE(QPSK_20M_1RB) (0); Frequency: 1720 MHz; Duty Cycle: 1:1

Medium: HSL1750; Medium parameters used: $f = 1720$ MHz; $\sigma = 1.309$ S/m; $\epsilon_r = 40.247$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(7.61, 7.61, 7.61); Calibrated: 2020-06-16;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1374; Calibrated: 2019-09-24
- Phantom: SAM5; Type: SAM; Serial: 1481
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

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

Maximum value of SAR (measured) = 0.516 W/kg

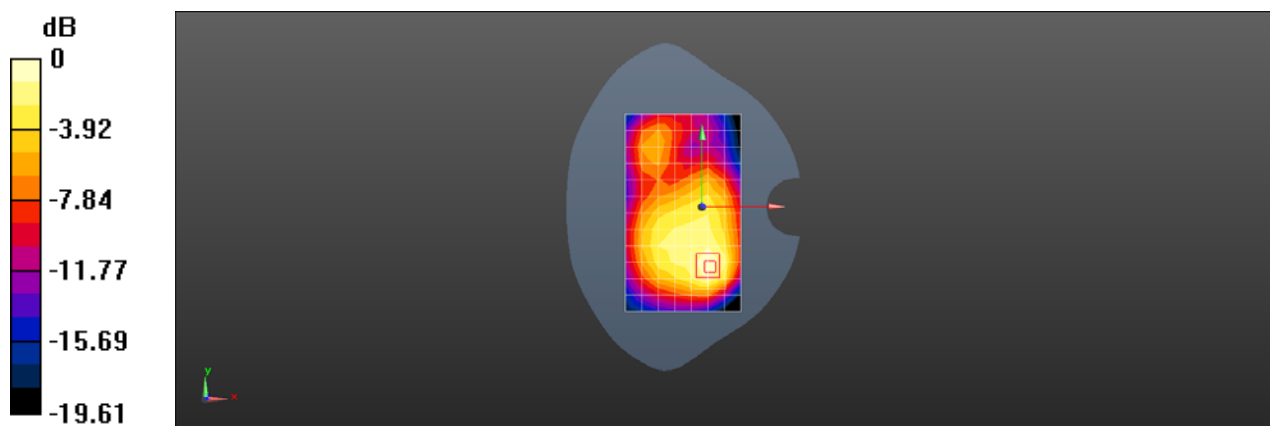
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.78 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.773 W/kg

SAR(1 g) = 0.442 W/kg; SAR(10 g) = 0.252 W/kg

Maximum value of SAR (measured) = 0.523 W/kg



0 dB = 0.523 W/kg = -2.81 dBW/kg

Test Laboratory: SGS-SAR Lab

LM-K520HMW LTE Band 5 10M QPSK 1RB25 20450CH Left cheek

DUT: LM-K520HMW; Type: Mobile handset; Serial: 356635110033993

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

Medium: HSL835; Medium parameters used: $f = 829$ MHz; $\sigma = 0.882$ S/m; $\epsilon_r = 40.837$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(8.53, 8.53, 8.53); Calibrated: 2020-06-16;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1374; Calibrated: 2019-09-24
- Phantom: SAM5; Type: SAM; Serial: 1481
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Configuration/Head/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.189 W/kg

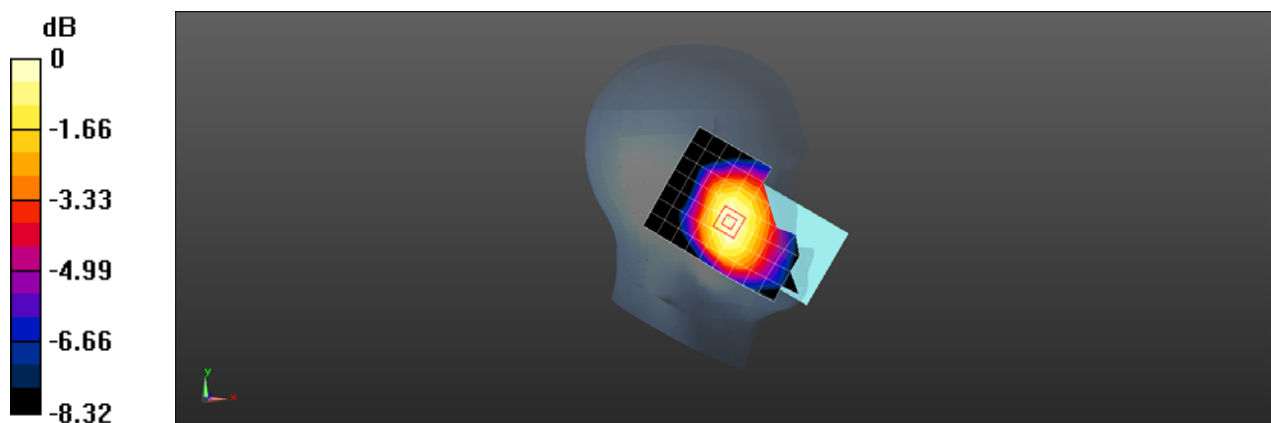
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.313 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.216 W/kg

SAR(1 g) = 0.168 W/kg; SAR(10 g) = 0.130 W/kg

Maximum value of SAR (measured) = 0.198 W/kg



0 dB = 0.198 W/kg = -7.03 dBW/kg

Test Laboratory: SGS-SAR Lab

LM-K520HMW LTE Band 5 10M QPSK 1RB25 20450CH Back side 10mm

DUT: LM-K520HMW; Type: Mobile handset; Serial: 356635110033993

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

Medium: HSL835;Medium parameters used: $f = 829$ MHz; $\sigma = 0.882$ S/m; $\epsilon_r = 40.837$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(8.53, 8.53, 8.53); Calibrated: 2020-06-16;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1374; Calibrated: 2019-09-24
- Phantom: SAM5; Type: SAM; Serial: 1481
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Configuration/Body/Area Scan (8x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 0.393 W/kg

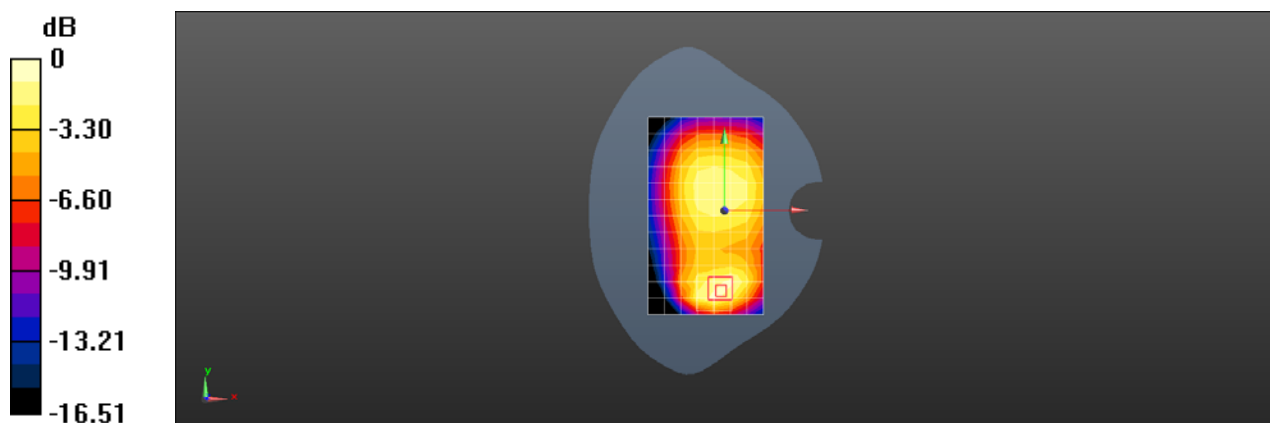
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 17.06 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.556 W/kg

SAR(1 g) = 0.308 W/kg; SAR(10 g) = 0.182 W/kg

Maximum value of SAR (measured) = 0.456 W/kg



0 dB = 0.456 W/kg = -3.41 dBW/kg

Test Laboratory: SGS-SAR Lab

LM-K520HMW LTE Band 7 20M QPSK 1RB50 21350CH Left cheek

DUT: LM-K520HMW; Type: Mobile handset; Serial: 356635110033993

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 2560 MHz; Duty Cycle: 1:1

Medium: HSL2600; Medium parameters used: $f = 2560$ MHz; $\sigma = 1.98$ S/m; $\epsilon_r = 37.61$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(7.42, 7.42, 7.42); Calibrated: 2020-04-01;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn414; Calibrated: 2019-12-17
- Phantom: SAM6; Type: SAM; Serial: 1824
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Configuration/Head/Area Scan (9x16x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.173 W/kg

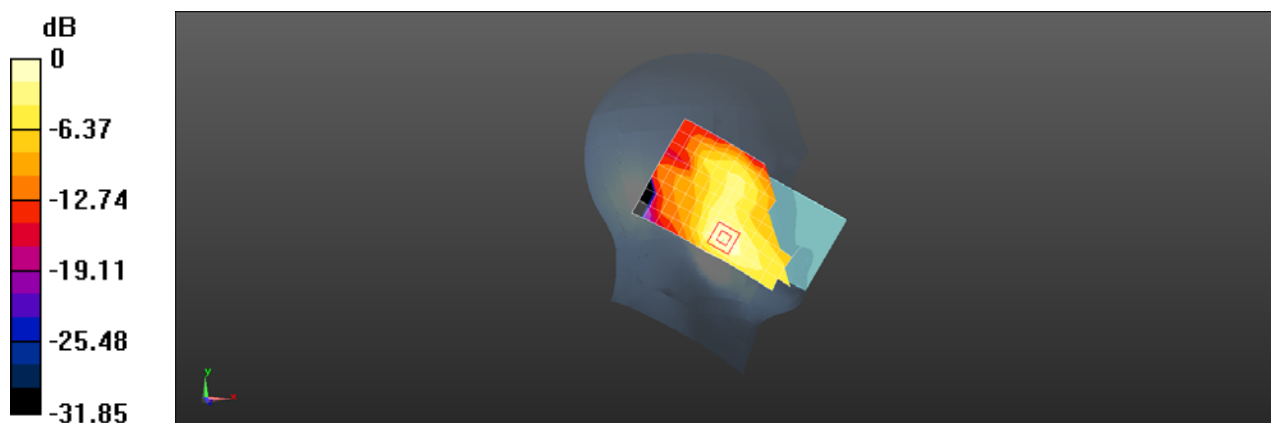
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.123 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.231 W/kg

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

Maximum value of SAR (measured) = 0.177 W/kg



0 dB = 0.177 W/kg = -7.52 dBW/kg

Test Laboratory: SGS-SAR Lab

LM-K520HMW LTE Band 7 20M QPSK 1RB50 20850CH Back side 10mm

DUT: LM-K520HMW; Type: Mobile handset; Serial: 356635110033993

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 2510 MHz; Duty Cycle: 1:1

Medium: HSL2600; Medium parameters used: $f = 2510$ MHz; $\sigma = 1.919$ S/m; $\epsilon_r = 37.77$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(7.6, 7.6, 7.6); Calibrated: 2020-04-01;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn414; Calibrated: 2019-12-17
- Phantom: SAM6; Type: SAM; Serial: 1824
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Configuration/Body/Area Scan (9x16x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 1.16 W/kg

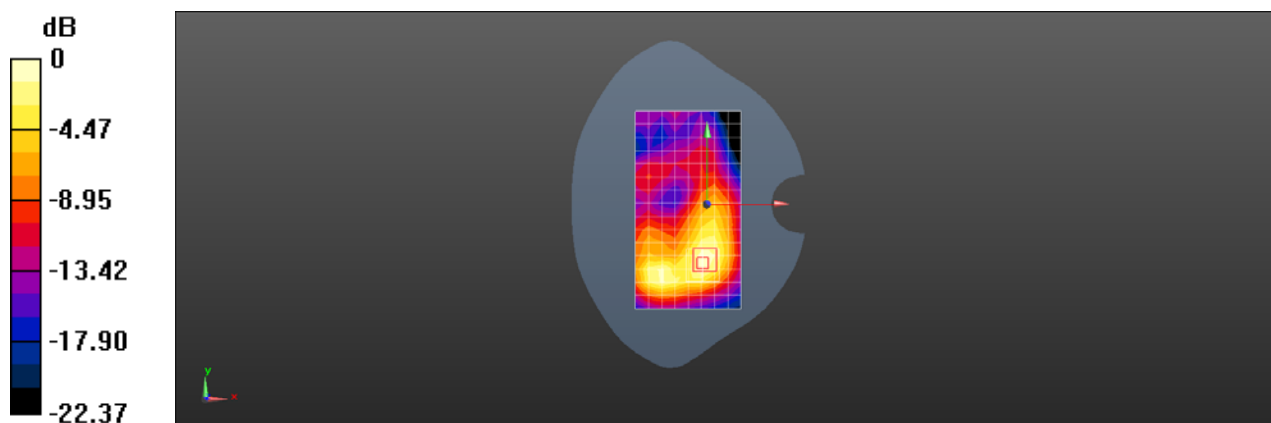
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.339 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.66 W/kg

SAR(1 g) = 0.842 W/kg; SAR(10 g) = 0.433 W/kg

Maximum value of SAR (measured) = 1.24 W/kg



0 dB = 1.24 W/kg = 0.93 dBW/kg

Test Laboratory: SGS-SAR Lab

LM-K520HMW LTE Band 7 20M QPSK 1RB50 20850CH Bottom side 10mm

DUT: LM-K520HMW; Type: Mobile handset; Serial: 356635110033993

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 2510 MHz; Duty Cycle: 1:1

Medium: HSL2600; Medium parameters used: $f = 2510$ MHz; $\sigma = 1.919$ S/m; $\epsilon_r = 37.77$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(7.6, 7.6, 7.6); Calibrated: 2020-04-01;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn414; Calibrated: 2019-12-17
- Phantom: SAM6; Type: SAM; Serial: 1824
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Configuration/Body/Area Scan (5x7x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 1.47 W/kg

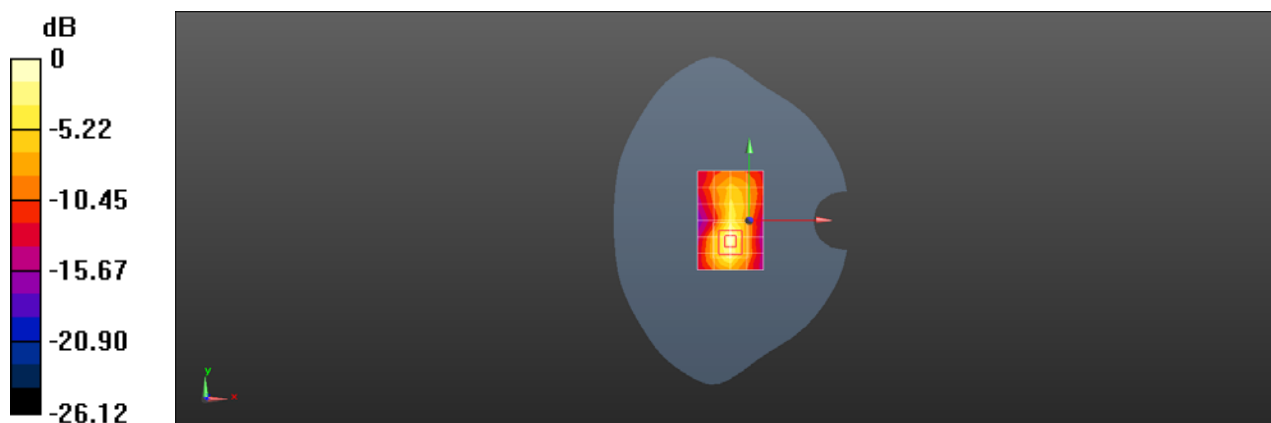
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.79 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 2.05 W/kg

SAR(1 g) = 1.03 W/kg; SAR(10 g) = 0.469 W/kg

Maximum value of SAR (measured) = 1.56 W/kg



0 dB = 1.56 W/kg = 1.93 dBW/kg

Test Laboratory: SGS-SAR Lab

LM-K520HMW LTE Band 7 20M QPSK 1RB50 20850CH Bottom side 0mm

DUT: LM-K520HMW; Type: Mobile handset; Serial: 356635110033993

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 2510 MHz; Duty Cycle: 1:1

Medium: HSL2600; Medium parameters used: $f = 2510$ MHz; $\sigma = 1.919$ S/m; $\epsilon_r = 37.77$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(7.6, 7.6, 7.6); Calibrated: 2020-04-01;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn414; Calibrated: 2019-12-17
- Phantom: SAM6; Type: SAM; Serial: 1824
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Configuration/Body/Area Scan (5x9x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 10.6 W/kg

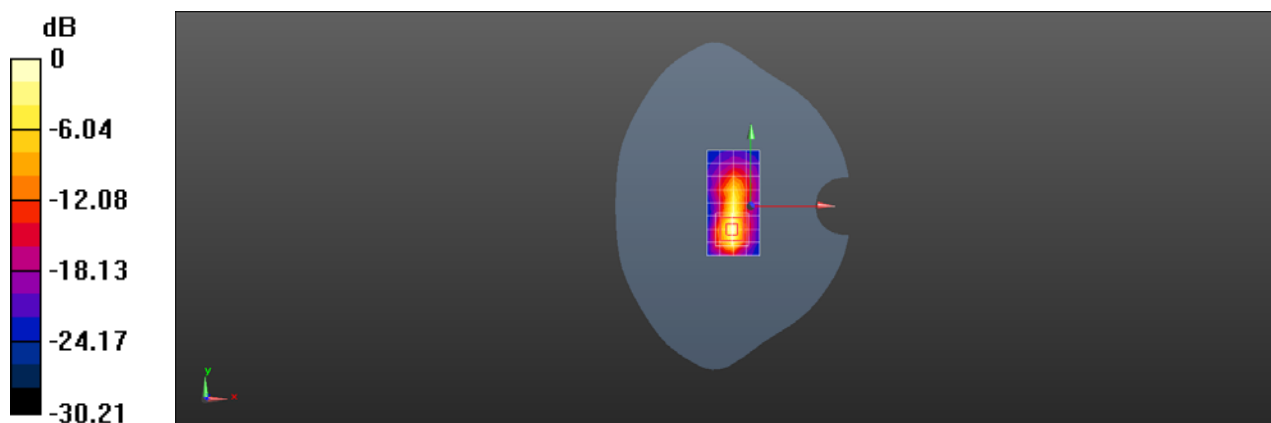
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 37.29 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 15.8 W/kg

SAR(1 g) = 5.93 W/kg; SAR(10 g) = 2.08 W/kg

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



0 dB = 10.9 W/kg = 10.37 dBW/kg

Test Laboratory: SGS-SAR Lab

LM-K520HMW LTE Band 12 10M QPSK 1RB49 23060CH Right cheek

DUT: LM-K520HMW; Type: Mobile handset; Serial: 356635110033993

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

Medium: HSL750; Medium parameters used: $f = 704$ MHz; $\sigma = 0.875$ S/m; $\epsilon_r = 42.247$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(8.81, 8.81, 8.81); Calibrated: 2020-06-16;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1374; Calibrated: 2019-09-24
- Phantom: SAM5; Type: SAM; Serial: 1481
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Configuration/Head/Area Scan (8x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 0.174 W/kg

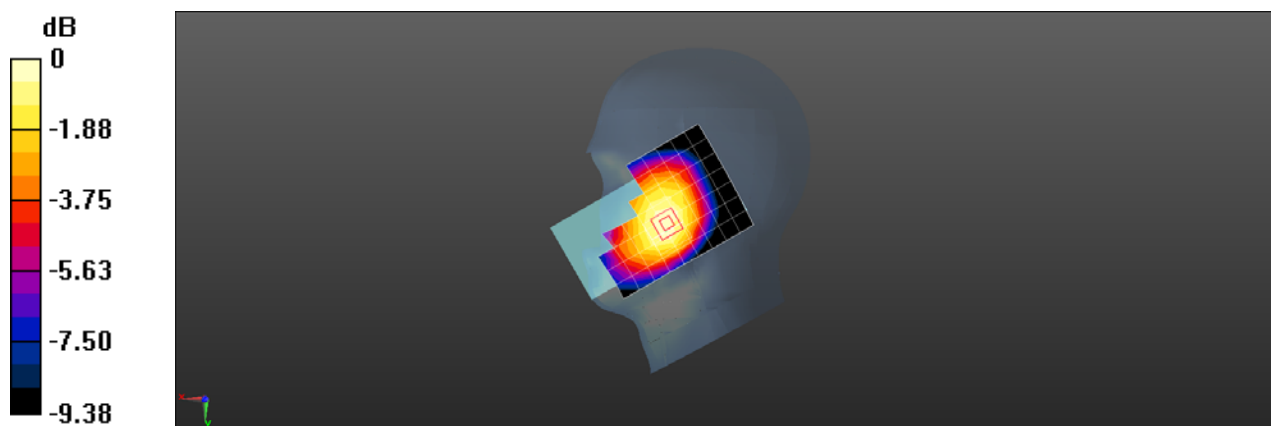
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 3.642 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.198 W/kg

SAR(1 g) = 0.152 W/kg; SAR(10 g) = 0.118 W/kg

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



0 dB = 0.179 W/kg = -7.47 dBW/kg

Test Laboratory: SGS-SAR Lab

LM-K520HMW LTE Band 12 10M QPSK 1RB49 23060CH Back side 10mm

DUT: LM-K520HMW; Type: Mobile handset; Serial: 356635110033993

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

Medium: HSL750; Medium parameters used: $f = 704 \text{ MHz}$; $\sigma = 0.875 \text{ S/m}$; $\epsilon_r = 42.247$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(8.81, 8.81, 8.81); Calibrated: 2020-06-16;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1374; Calibrated: 2019-09-24
- Phantom: SAM5; Type: SAM; Serial: 1481
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Configuration/Head/Area Scan (8x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (measured) = 0.342 W/kg

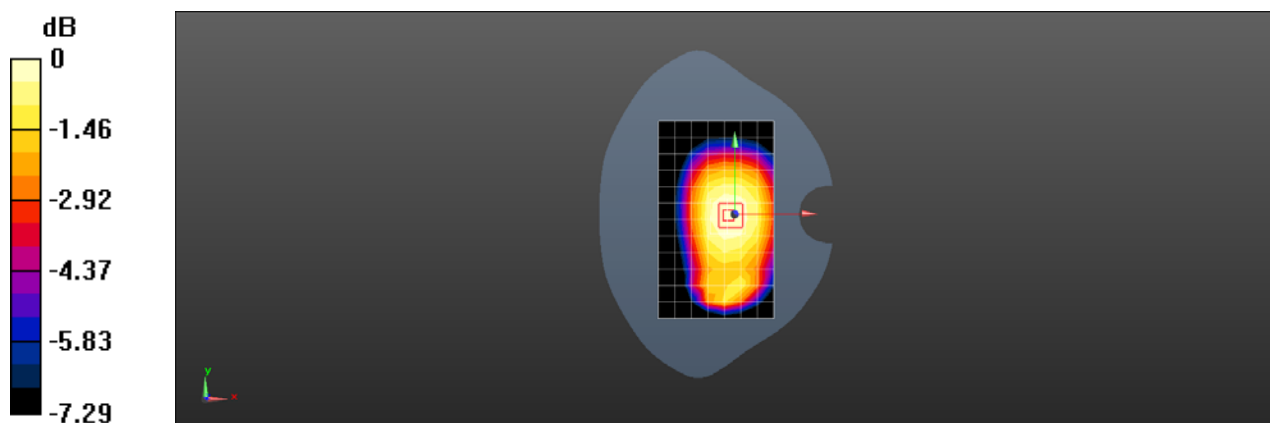
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 18.11 V/m ; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.375 W/kg

SAR(1 g) = 0.292 W/kg ; SAR(10 g) = 0.228 W/kg

Maximum value of SAR (measured) = 0.346 W/kg



0 dB = 0.346 W/kg = -4.61 dBW/kg

Test Laboratory: SGS-SAR Lab

LM-K520HMW LTE Band 13 10M QPSK 1RB25 23230CH Right cheek

DUT: LM-K520HMW; Type: Mobile handset; Serial: 356635110033993

Communication System: UID 0, LTE-FDD BW 10MHZ (0); Frequency: 782 MHz; Duty Cycle: 1:1

Medium: HSL750; Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.89 \text{ S/m}$; $\epsilon_r = 41.127$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(8.81, 8.81, 8.81); Calibrated: 2020-06-16;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1374; Calibrated: 2019-09-24
- Phantom: SAM5; Type: SAM; Serial: 1481
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Configuration/Head/Area Scan (8x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (measured) = 0.184 W/kg

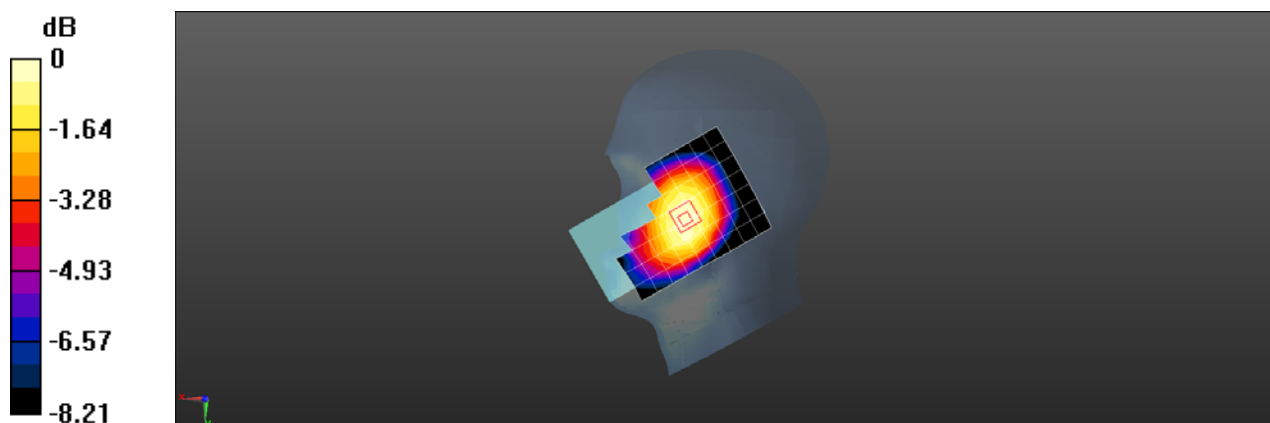
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 4.067 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.202 W/kg

SAR(1 g) = 0.162 W/kg; SAR(10 g) = 0.129 W/kg

Maximum value of SAR (measured) = 0.189 W/kg



0 dB = 0.189 W/kg = -7.24 dBW/kg

Test Laboratory: SGS-SAR Lab

LM-K520HMW LTE Band 13 10M QPSK 1RB25 23230CH Back side 10mm

DUT: LM-K520HMW; Type: Mobile handset; Serial: 356635110033993

Communication System: UID 0, LTE-FDD BW 10MHZ (0); Frequency: 782 MHz; Duty Cycle: 1:1

Medium: HSL750; Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.89 \text{ S/m}$; $\epsilon_r = 41.127$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(8.81, 8.81, 8.81); Calibrated: 2020-06-16;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1374; Calibrated: 2019-09-24
- Phantom: SAM5; Type: SAM; Serial: 1481
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Configuration/Body/Area Scan (8x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (measured) = 0.333 W/kg

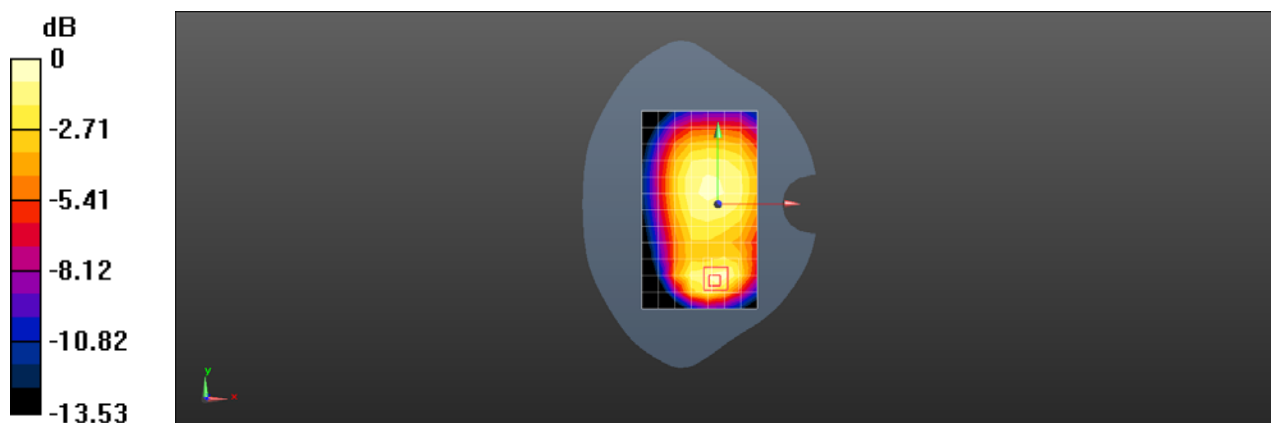
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 16.35 V/m ; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.439 W/kg

SAR(1 g) = 0.243 W/kg ; SAR(10 g) = 0.144 W/kg

Maximum value of SAR (measured) = 0.353 W/kg



Test Laboratory: SGS-SAR Lab

LM-K520HMW LTE Band 17 10M QPSK 1RB25 23780CH Right cheek

DUT: LM-K520HMW; Type: Mobile handset; Serial: 356635110033993

Communication System: UID 0, LTE-FDD BW 10MHZ (0); Frequency: 709 MHz; Duty Cycle: 1:1

Medium: HSL750; Medium parameters used: $f = 709 \text{ MHz}$; $\sigma = 0.88 \text{ S/m}$; $\epsilon_r = 42.098$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(8.81, 8.81, 8.81); Calibrated: 2020-06-16;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1374; Calibrated: 2019-09-24
- Phantom: SAM5; Type: SAM; Serial: 1481
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Configuration/Head/Area Scan (8x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (measured) = 0.172 W/kg

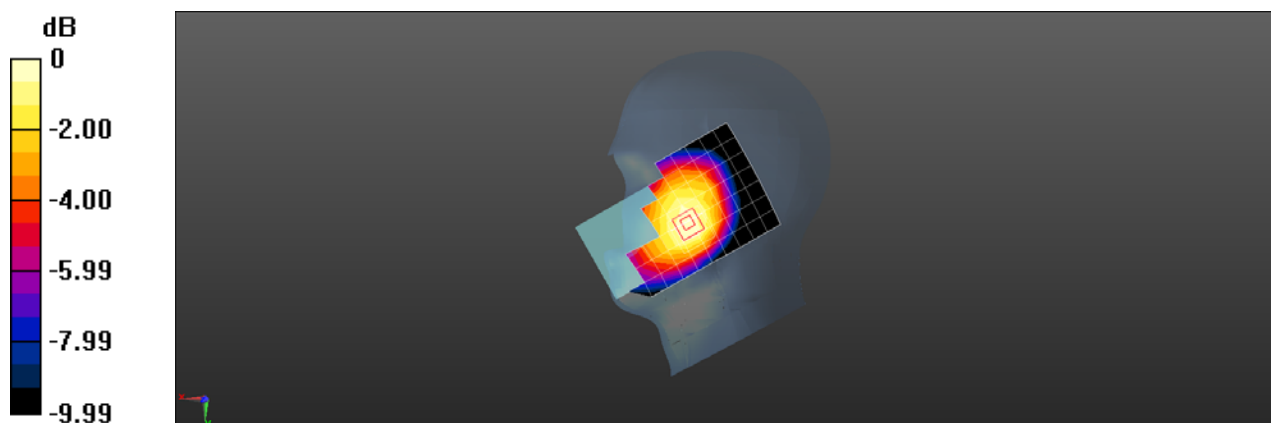
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 2.983 V/m ; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.192 W/kg

SAR(1 g) = 0.148 W/kg ; SAR(10 g) = 0.114 W/kg

Maximum value of SAR (measured) = 0.174 W/kg



0 dB = 0.174 W/kg = -7.59 dBW/kg

Test Laboratory: SGS-SAR Lab

LM-K520HMW LTE Band 17 10M QPSK 1RB25 23780CH Back side 10mm

DUT: LM-K520HMW; Type: Mobile handset; Serial: 356635110033993

Communication System: UID 0, LTE-FDD BW 10MHZ (0); Frequency: 709 MHz; Duty Cycle: 1:1

Medium: HSL750; Medium parameters used: $f = 709 \text{ MHz}$; $\sigma = 0.88 \text{ S/m}$; $\epsilon_r = 42.098$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(8.81, 8.81, 8.81); Calibrated: 2020-06-16;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1374; Calibrated: 2019-09-24
- Phantom: SAM5; Type: SAM; Serial: 1481
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Configuration/Body/Area Scan (8x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (measured) = 0.318 W/kg

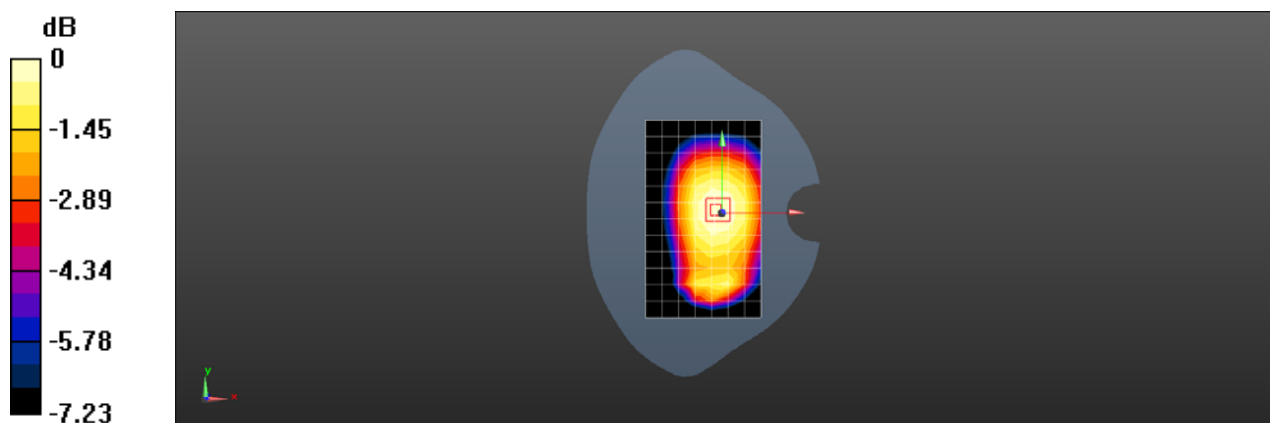
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 17.46 V/m ; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.347 W/kg

SAR(1 g) = 0.272 W/kg ; SAR(10 g) = 0.213 W/kg

Maximum value of SAR (measured) = 0.322 W/kg



0 dB = 0.322 W/kg = -4.92 dBW/kg

Test Laboratory: The name of your organization

LM-K520HMW LTE Band 66 20M QPSK 1RB50 132072CH Left cheek

DUT: LM-K520HMW; Type: Mobile handset; Serial: 356635110033993

Communication System: UID 0, FDD-LTE(QPSK_20M_1RB) (0); Frequency: 1720 MHz; Duty Cycle: 1:1

Medium: HSL1750; Medium parameters used: $f = 1720$ MHz; $\sigma = 1.309$ S/m; $\epsilon_r = 40.247$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(7.61, 7.61, 7.61); Calibrated: 2020-06-16;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1374; Calibrated: 2019-09-24
- Phantom: SAM5; Type: SAM; Serial: 1481
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Configuration/Head/Area Scan (8x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 0.228 W/kg

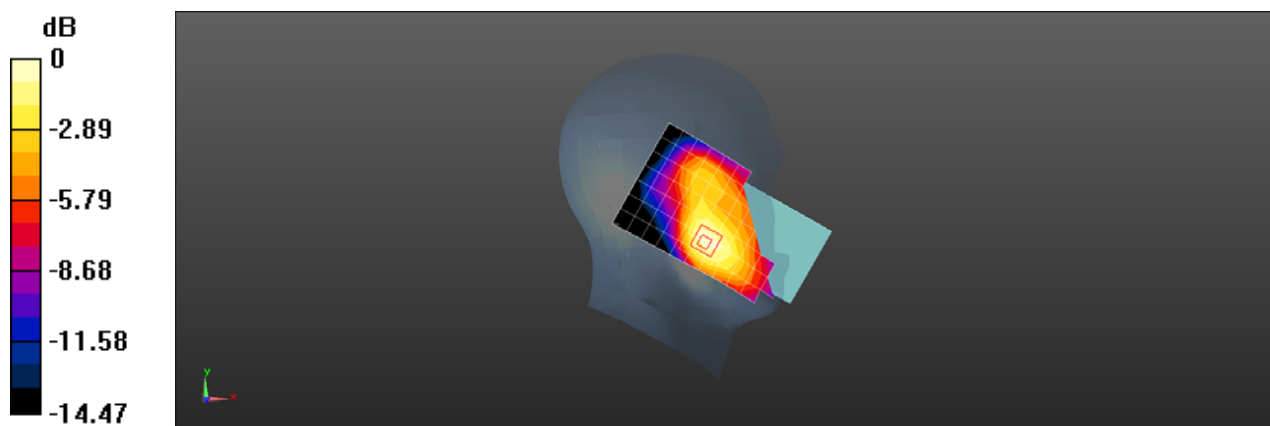
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 4.730 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.308 W/kg

SAR(1 g) = 0.210 W/kg; SAR(10 g) = 0.138 W/kg

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



Test Laboratory: The name of your organization

LM-K520HMW LTE Band 66 20M QPSK 1RB50 132072CH Back side 10mm

DUT: LM-K520HMW; Type: Mobile handset; Serial: 356635110033993

Communication System: UID 0, FDD-LTE(QPSK_20M_1RB) (0); Frequency: 1720 MHz; Duty Cycle: 1:1

Medium: HSL1750; Medium parameters used: $f = 1720$ MHz; $\sigma = 1.309$ S/m; $\epsilon_r = 40.247$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(7.61, 7.61, 7.61); Calibrated: 2020-06-16;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1374; Calibrated: 2019-09-24
- Phantom: SAM5; Type: SAM; Serial: 1481
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

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

Maximum value of SAR (measured) = 0.504 W/kg

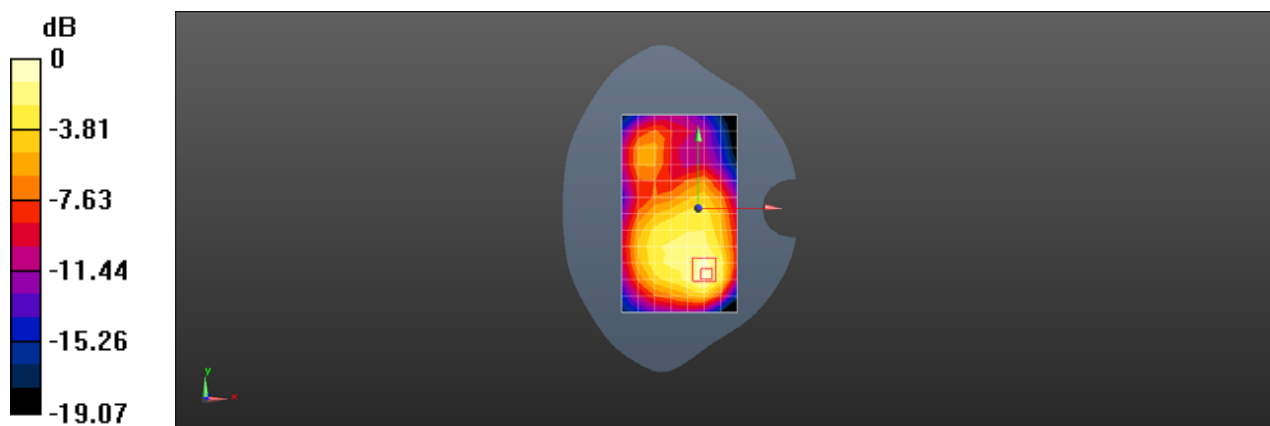
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.80 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.743 W/kg

SAR(1 g) = 0.426 W/kg; SAR(10 g) = 0.244 W/kg

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



Test Laboratory: SGS-SAR Lab

LM-K520HMW WIFI 2.4G 802.11b 11CH Left cheek

DUT: LM-K520HMW; Type: Mobile handset; Serial: 356635110033993

Communication System: UID 0, 802.11b/g/n 2.45GHz (0); Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: HSL2450; Medium parameters used: $f = 2462$ MHz; $\sigma = 1.824$ S/m; $\epsilon_r = 38.577$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(6.92, 6.92, 6.92); Calibrated: 2020-06-16;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1374; Calibrated: 2019-09-24
- Phantom: SAM5; Type: SAM; Serial: 1481
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Configuration/Head/Area Scan (9x17x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.911 W/kg

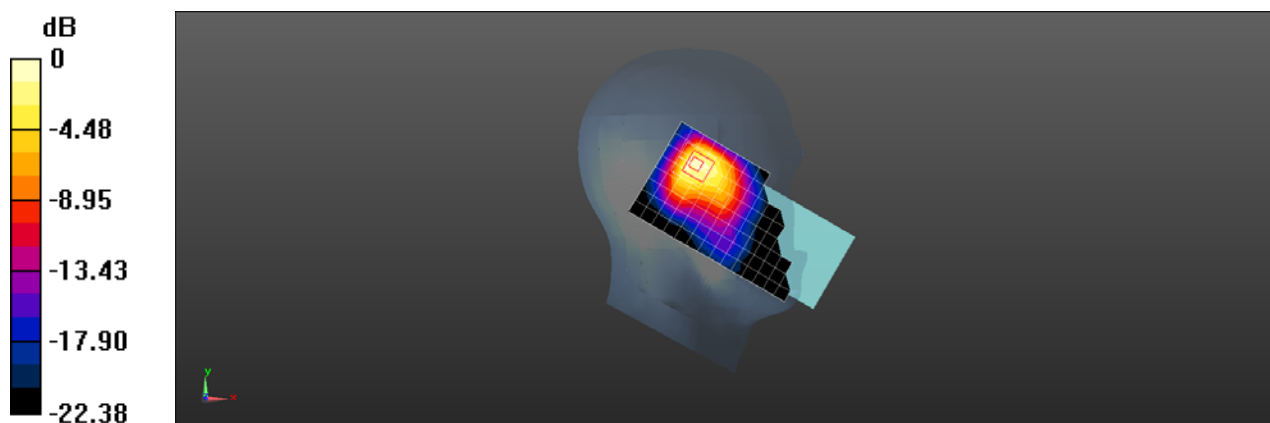
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.38 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.82 W/kg

SAR(1 g) = 0.787 W/kg; SAR(10 g) = 0.391 W/kg

Maximum value of SAR (measured) = 1.03 W/kg



0 dB = 1.03 W/kg = 0.13 dBW/kg

Test Laboratory: SGS-SAR Lab

LM-K520HMW WIFI 2.4G 802.11b 6CH Back side 10mm

DUT: LM-K520HMW; Type: Mobile handset; Serial: 356635110033993

Communication System: UID 0, 802.11b/g/n 2.45GHz (0); Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: HSL2450; Medium parameters used: $f = 2437$ MHz; $\sigma = 1.808$ S/m; $\epsilon_r = 38.648$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(6.92, 6.92, 6.92); Calibrated: 2020-06-16;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1374; Calibrated: 2019-09-24
- Phantom: SAM5; Type: SAM; Serial: 1481
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

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

Maximum value of SAR (measured) = 0.223 W/kg

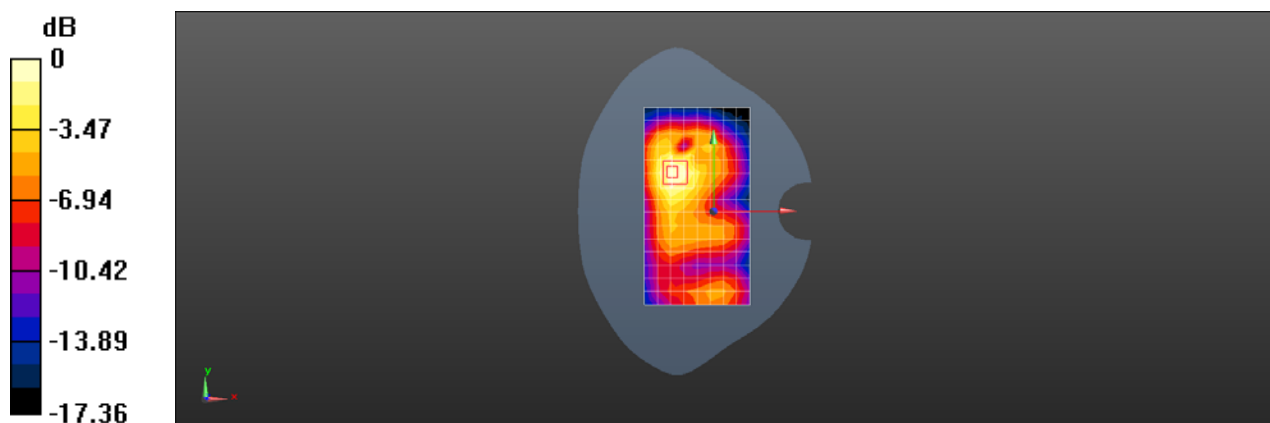
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.389 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.331 W/kg

SAR(1 g) = 0.186 W/kg; SAR(10 g) = 0.109 W/kg

Maximum value of SAR (measured) = 0.223 W/kg



0 dB = 0.223 W/kg = -6.52 dBW/kg

Test Laboratory: SGS-SAR Lab

LM-K520HMW WIFI 5G 802.11n-HT40 142CH Left tilted

DUT: LM-K520HMW; Type: Mobile handset; Serial: 356635110033498

Communication System: UID 0, WI-FI(5GHz) (0); Frequency: 5710 MHz; Duty Cycle: 1:1

Medium: HSL5000; Medium parameters used: $f = 5710$ MHz; $\sigma = 5.242$ S/m; $\epsilon_r = 34.746$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(4.88, 4.88, 4.88); Calibrated: 2020-04-01;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn414; Calibrated: 2019-12-17
- Phantom: SAM6; Type: SAM; Serial: 1824
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Configuration/Head/Area Scan (11x20x1): Measurement grid: $dx=10$ mm, $dy=10$ mm
Maximum value of SAR (measured) = 1.64 W/kg

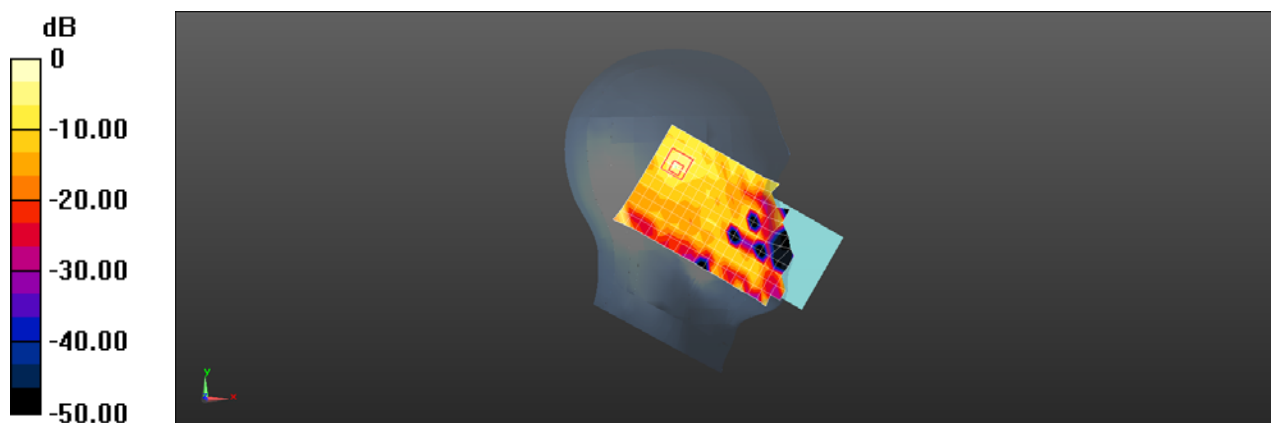
Configuration/Head/Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 6.540 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 3.78 W/kg

SAR(1 g) = 0.760 W/kg; SAR(10 g) = 0.171 W/kg

Maximum value of SAR (measured) = 2.21 W/kg



0 dB = 2.21 W/kg = 3.44 dBW/kg

Test Laboratory: SGS-SAR Lab

LM-K520HMW WIFI 5G 802.11n-HT40 151CH Front side 10mm

DUT: LM-K520HMW; Type: Mobile handset; Serial: 356635110033498

Communication System: UID 0, WI-FI(5GHz) (0); Frequency: 5755 MHz; Duty Cycle: 1:1

Medium: HSL5000; Medium parameters used: $f = 5755$ MHz; $\sigma = 5.301$ S/m; $\epsilon_r = 34.626$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(4.88, 4.88, 4.88); Calibrated: 2020-04-01;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn414; Calibrated: 2019-12-17
- Phantom: SAM6; Type: SAM; Serial: 1824
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Configuration/Body/Area Scan (11x19x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.254 W/kg

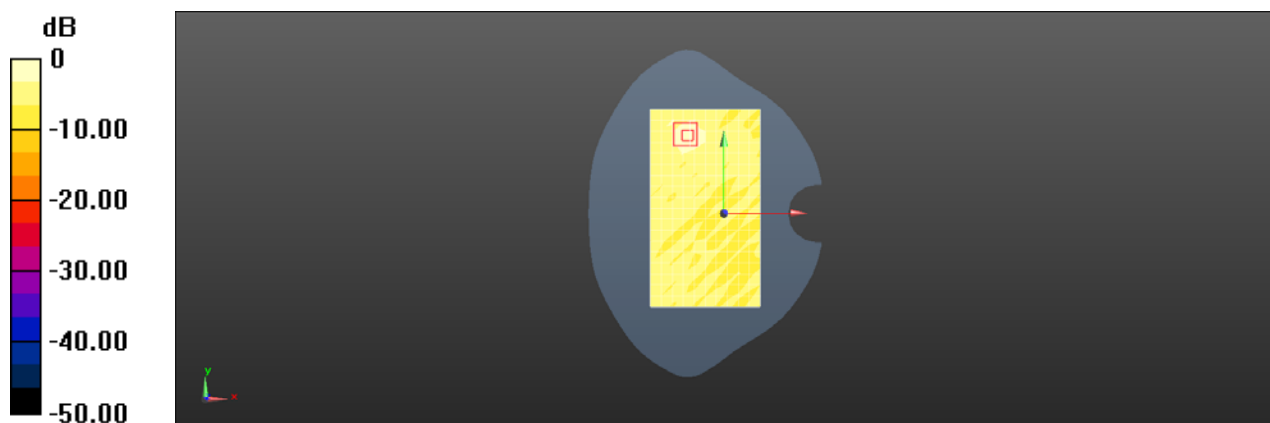
Configuration/Body/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 3.873 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.728 W/kg

SAR(1 g) = 0.108 W/kg; SAR(10 g) = 0.040 W/kg

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



0 dB = 0.296 W/kg = -5.29 dBW/kg

Test Laboratory: SGS-SAR Lab

LM-K520HMW WIFI 5G 802.11n-HT40 151CH Top side 10mm

DUT: LM-K520HMW; Type: Mobile handset; Serial: 356635110033498

Communication System: UID 0, WI-FI(5GHz) (0); Frequency: 5755 MHz; Duty Cycle: 1:1

Medium: HSL5000; Medium parameters used: $f = 5755$ MHz; $\sigma = 5.301$ S/m; $\epsilon_r = 34.626$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(4.88, 4.88, 4.88); Calibrated: 2020-04-01;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn414; Calibrated: 2019-12-17
- Phantom: SAM6; Type: SAM; Serial: 1824
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Configuration/Body/Area Scan (6x10x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.427 W/kg

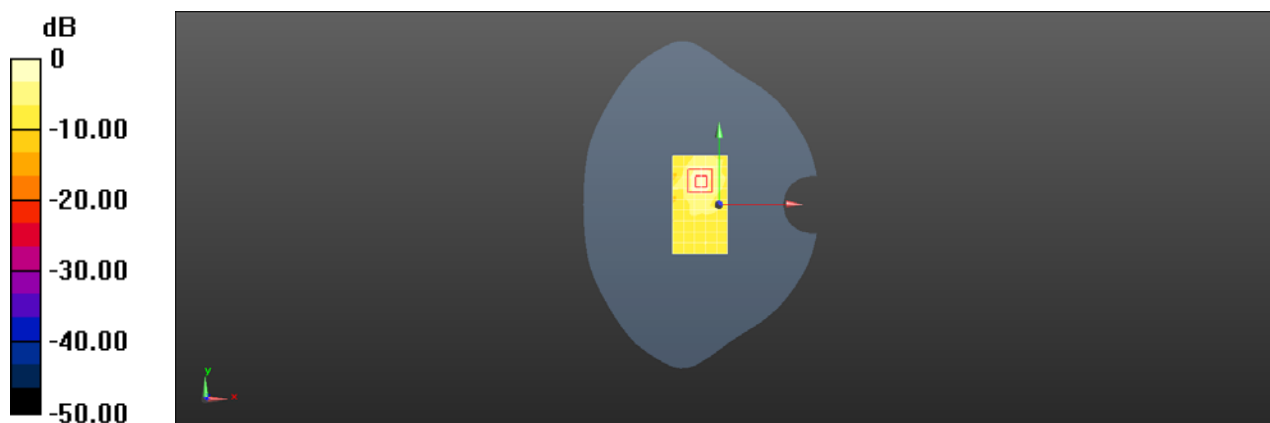
Configuration/Body/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 4.152 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.875 W/kg

SAR(1 g) = 0.218 W/kg; SAR(10 g) = 0.069 W/kg

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



0 dB = 0.577 W/kg = -2.39 dBW/kg

Test Laboratory: SGS-SAR Lab

LM-K520HMW WIFI 5G 802.11n-HT40 110CH Top side 0mm

DUT: LM-K520HMW; Type: Mobile handset; Serial: 356635110033498

Communication System: UID 0, WI-FI(5GHz) (0); Frequency: 5550 MHz; Duty Cycle: 1:1

Medium: HSL5000; Medium parameters used: $f = 5550$ MHz; $\sigma = 5.053$ S/m; $\epsilon_r = 35.157$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(4.82, 4.82, 4.82); Calibrated: 2020-04-01;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn414; Calibrated: 2019-12-17
- Phantom: SAM6; Type: SAM; Serial: 1824
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Configuration/Body/Area Scan (6x10x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 3.62 W/kg

Configuration/Body/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 5.341 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 14.1 W/kg

SAR(1 g) = 1.7 W/kg; SAR(10 g) = 0.305 W/kg

Maximum value of SAR (measured) = 5.45 W/kg

