



Appendix B SAR Measurement Plots

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Test Laboratory: HUAWEI SAR/HAC Lab

LON-L29 GSM850 128CH Right touch -Second Antenna

DUT: LON-L29; Type: Smart Phone; Serial: SAR3

Communication System: UID 0, HW-GSM\GPRS\EGPRS-1TS (0); Frequency: 824.2 MHz; Duty Cycle: 1:8.30042

Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.879$ S/m; $\epsilon_r = 41.232$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY Configuration:

- ε Probe: EX3DV4 - SN7381; ConvF(10.11, 10.11, 10.11); Calibrated: 2016/9/29;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn1492; Calibrated: 2016/9/28
- ε Phantom: SAM5; Type: QD000P40CD; Serial: TP:1894
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

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

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.926 W/kg

Configuration/Head/Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

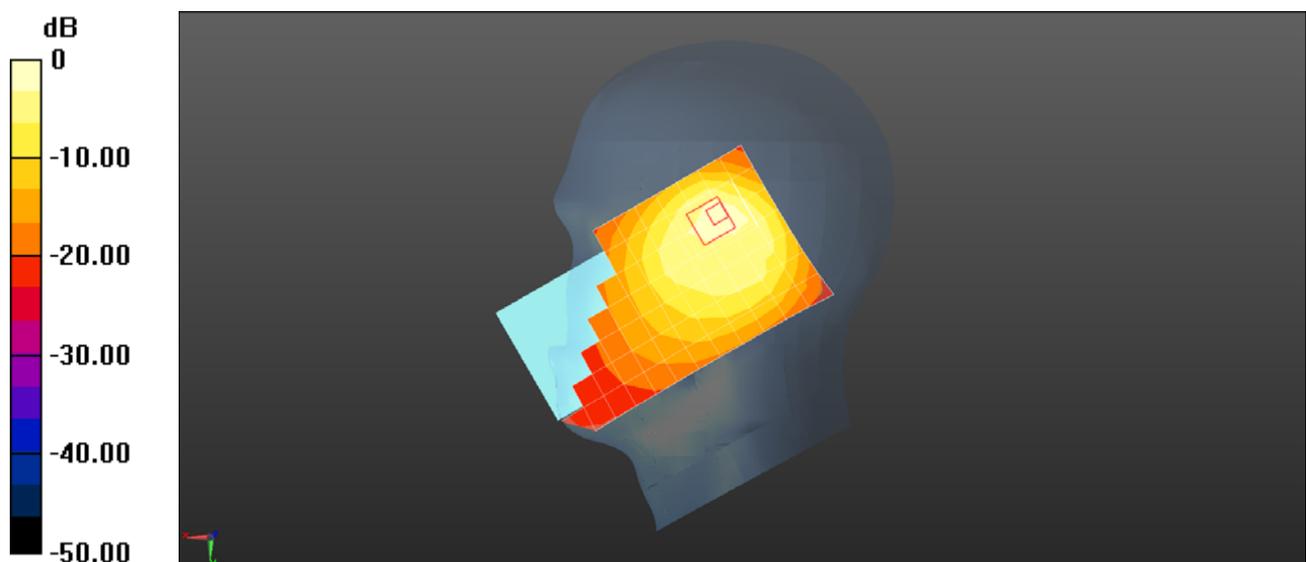
Reference Value = 19.31 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.18 W/kg

SAR(1 g) = 0.661 W/kg; SAR(10 g) = 0.399 W/kg

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.931 W/kg



0 dB = 0.926 W/kg = -0.33 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

LON-L29 GSM850 190CH Back Side 15mm -Second Antenna

DUT: LON-L29; Type: Smart Phone; Serial: SAR3

Communication System: UID 0, HW-GSM\GPRS\EGPRS-1TS (0); Frequency: 836.6 MHz; Duty Cycle: 1:8.30042

Medium parameters used: $f = 837$ MHz; $\sigma = 1.015$ S/m; $\epsilon_r = 55.468$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN7381; ConvF(9.78, 9.78, 9.78); Calibrated: 2016/9/29;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -19.0, 31.0$
- ε Electronics: DAE4 Sn1492; Calibrated: 2016/9/28
- ε Phantom: SMA6; Type: QD000P40CD; Serial: TP:1892
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

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

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

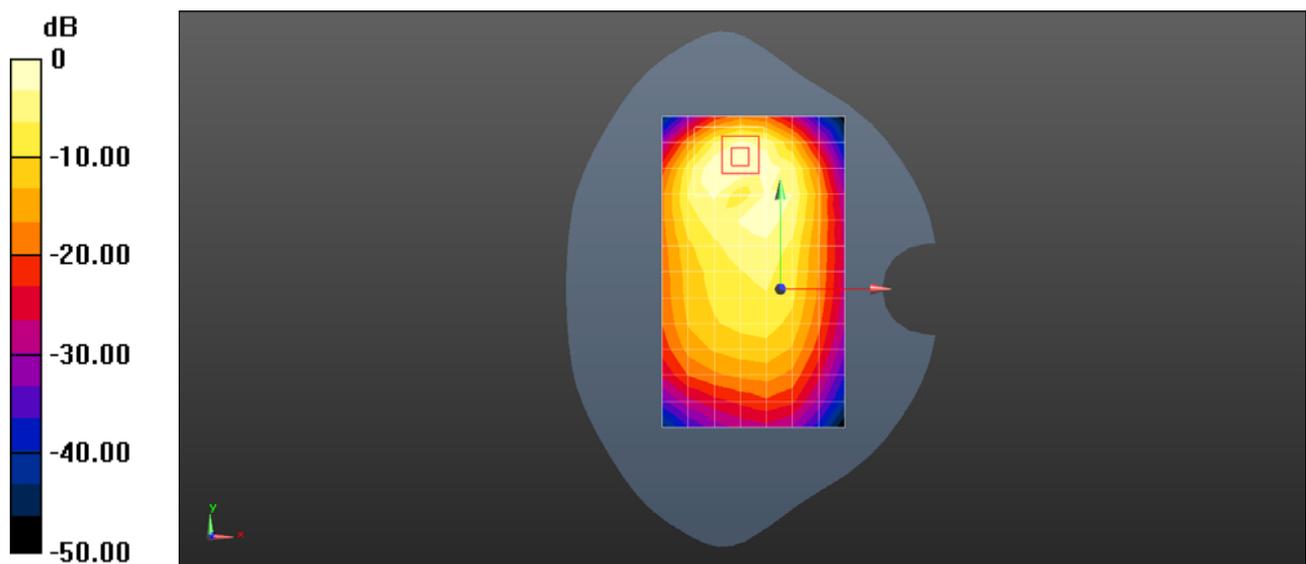
Configuration/Head/Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 9.151 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.243 W/kg

SAR(1 g) = 0.164 W/kg; SAR(10 g) = 0.104 W/kg

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



0 dB = 0.193 W/kg = -7.15 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

LON-L29 GSM850 GPRS 2TS 190CH Back Side 10mm -Second Antenna

DUT: LON-L29; Type: Smart Phone; Serial: SAR3

Communication System: UID 0, HW-GSM\GPRS\EGPRS-2TS (0); Frequency: 836.6 MHz; Duty Cycle: 1:4.10015

Medium parameters used: $f = 837$ MHz; $\sigma = 1.015$ S/m; $\epsilon_r = 55.468$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN7381; ConvF(9.78, 9.78, 9.78); Calibrated: 2016/9/29;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -19.0, 31.0$
- ε Electronics: DAE4 Sn1492; Calibrated: 2016/9/28
- ε Phantom: SMA6; Type: QD000P40CD; Serial: TP:1892
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

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

Maximum value of SAR (measured) = 0.442 W/kg

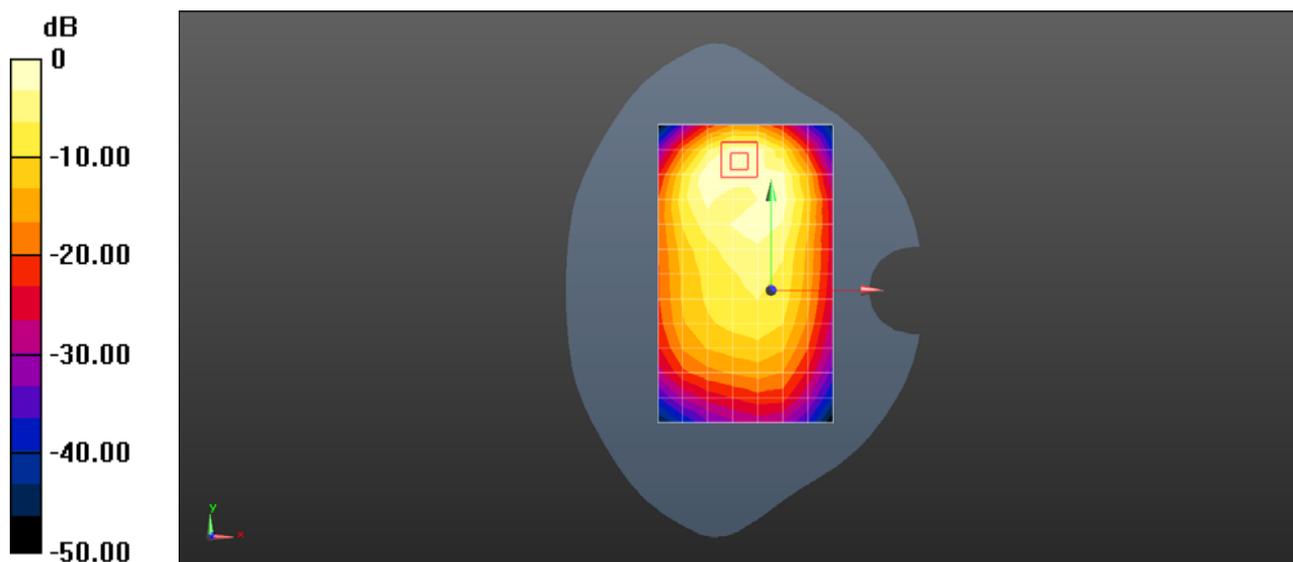
Configuration/Head/Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 10.69 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.647 W/kg

SAR(1 g) = 0.406 W/kg; SAR(10 g) = 0.242 W/kg

Maximum value of SAR (measured) = 0.551 W/kg



0 dB = 0.442 W/kg = -3.55 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

LON-L29 GSM1900 810CH Right touch -Second Antenna

DUT: LON-L29; Type: Smart Phone; Serial: SAR3

Communication System: UID 0, HW-GSM\GPRS\EGPRS-1TS (0); Frequency: 1909.8 MHz; Duty Cycle: 1:8.30042

Medium parameters used: $f = 1910$ MHz; $\sigma = 1.403$ S/m; $\epsilon_r = 39.062$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY Configuration:

- ε Probe: EX3DV4 - SN7381; ConvF(8.35, 8.35, 8.35); Calibrated: 2016/9/29;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn1492; Calibrated: 2016/9/28
- ε Phantom: SAM5; Type: QD000P40CD; Serial: TP:1894
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

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

Maximum value of SAR (measured) = 1.49 W/kg

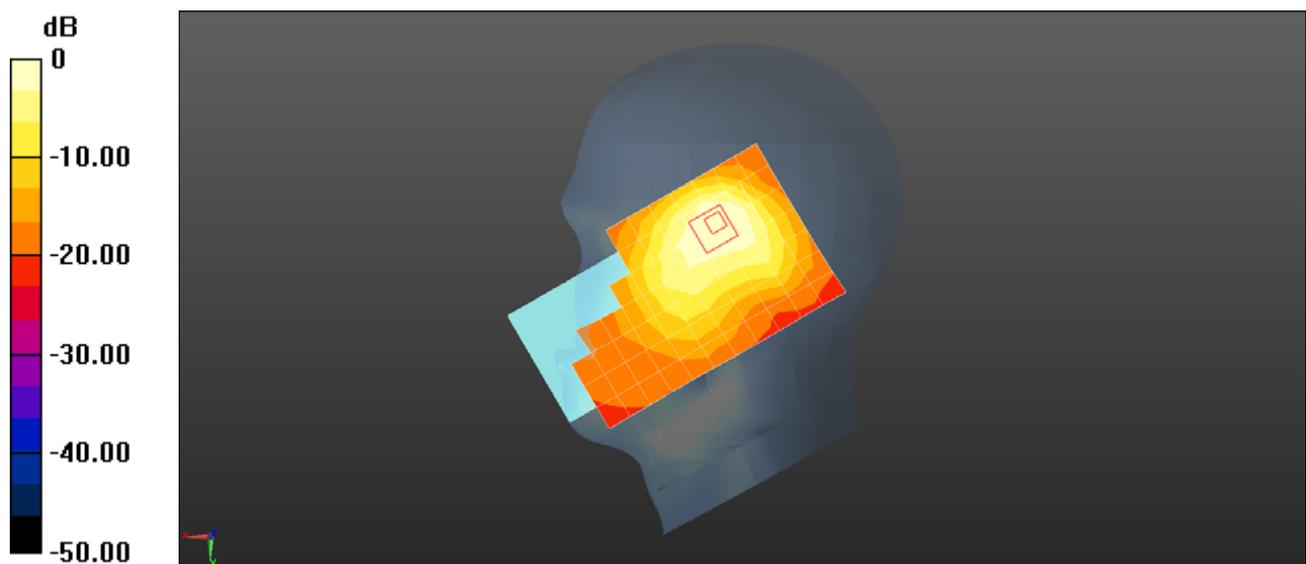
Configuration/Head/Zoom Scan (5x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 22.48 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 1.85 W/kg

SAR(1 g) = 1.11 W/kg; SAR(10 g) = 0.673 W/kg

Maximum value of SAR (measured) = 1.48 W/kg



0 dB = 1.49 W/kg = 1.75 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

LON-L29 GSM1900 661CH Back Side 15mm -Second Antenna

DUT: LON-L29; Type: Smart Phone; Serial: SAR3

Communication System: UID 0, HW-GSM\GPRS\EGPRS-1TS (0); Frequency: 1880 MHz; Duty Cycle: 1:8.30042

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.548$ S/m; $\epsilon_r = 52.881$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN7381; ConvF(7.95, 7.95, 7.95); Calibrated: 2016/9/29;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 31.0
- ε Electronics: DAE4 Sn1492; Calibrated: 2016/9/28
- ε Phantom: SMA6; Type: QD000P40CD; Serial: TP:1892
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

Configuration/Head/Area Scan (8x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.123 W/kg

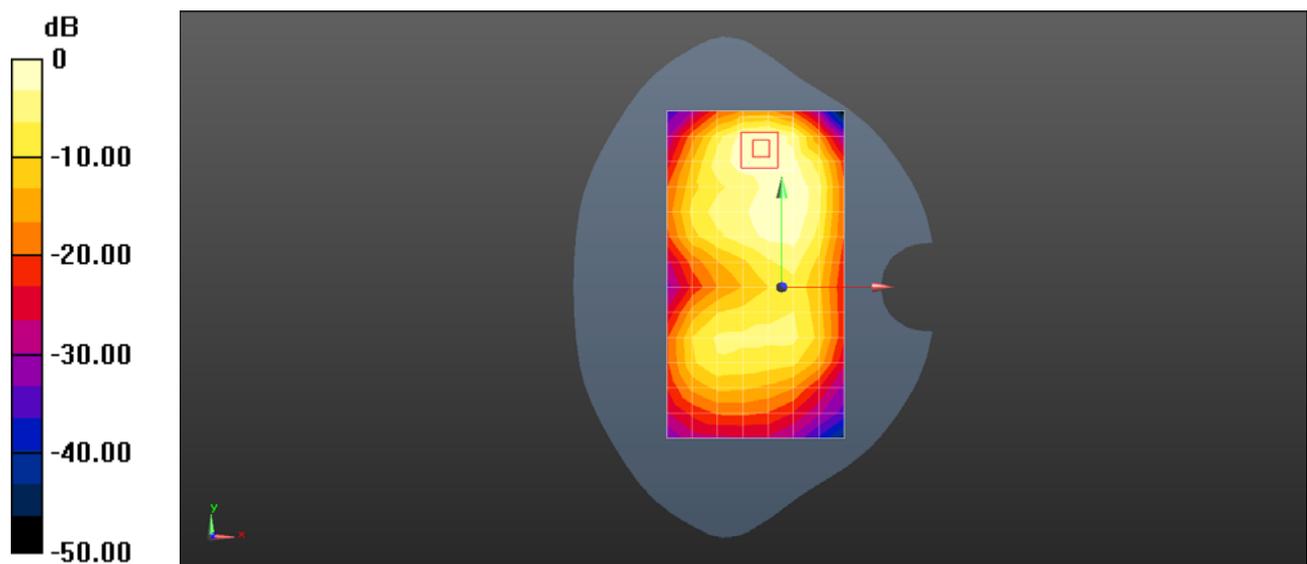
Configuration/Head/Zoom Scan (5x14x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.601 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.163 W/kg

SAR(1 g) = 0.110 W/kg; SAR(10 g) = 0.070 W/kg

Maximum value of SAR (measured) = 0.145 W/kg



0 dB = 0.123 W/kg = -9.09 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

LON-L29 GSM1900 GPRS 2TS 661CH Top Side 10mm -Second Antenna

DUT: LON-L29; Type: Smart Phone; Serial: SAR3

Communication System: UID 0, HW-GSM\GPRS\EGPRS-2TS (0); Frequency: 1880 MHz; Duty Cycle: 1:4.10015

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.548$ S/m; $\epsilon_r = 52.881$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN7381; ConvF(7.95, 7.95, 7.95); Calibrated: 2016/9/29;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn1492; Calibrated: 2016/9/28
- ε Phantom: SMA6; Type: QD000P40CD; Serial: TP:1892
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

Configuration/Head/Area Scan (5x9x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

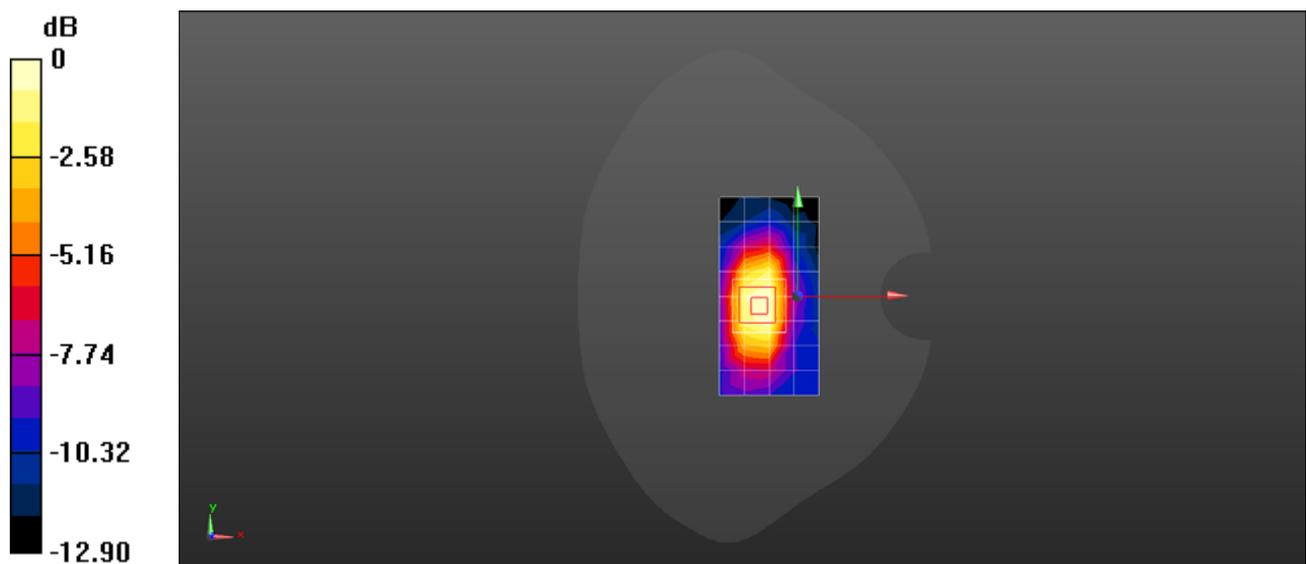
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 11.21 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.386 W/kg

SAR(1 g) = 0.240 W/kg; SAR(10 g) = 0.136 W/kg

Maximum value of SAR (measured) = 0.341 W/kg



0 dB = 0.246 W/kg = -6.09 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

LON-L29 UMTS Band II 9538CH Right touch -Second Antenna

DUT: LON-L29; Type: Smart Phone; Serial: SAR3

Communication System: UID 0, HW-UMTS-FDD(WCDMA) (0); Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1908$ MHz; $\sigma = 1.402$ S/m; $\epsilon_r = 39.067$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY Configuration:

- ε Probe: EX3DV4 - SN7381; ConvF(8.35, 8.35, 8.35); Calibrated: 2016/9/29;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn1492; Calibrated: 2016/9/28
- ε Phantom: SAM5; Type: QD000P40CD; Serial: TP:1894
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

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

Maximum value of SAR (measured) = 1.17 W/kg

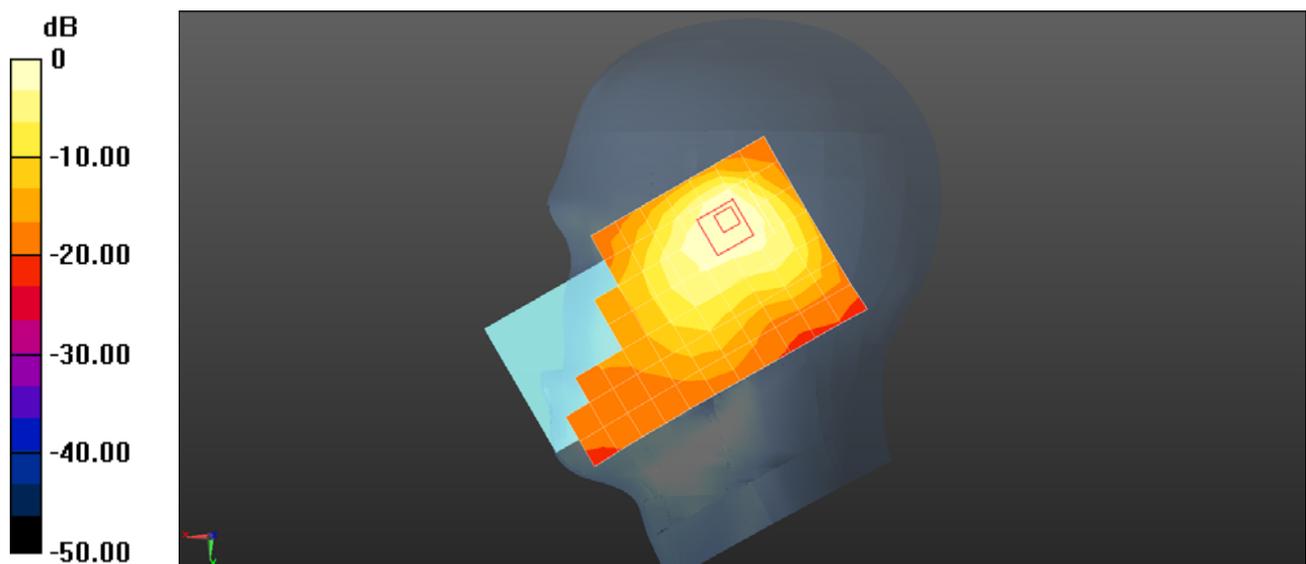
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 16.64 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 1.65 W/kg

SAR(1 g) = 0.914 W/kg; SAR(10 g) = 0.569 W/kg

Maximum value of SAR (measured) = 1.19 W/kg



0 dB = 1.17 W/kg = 0.69 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

LON-L29 UMTS Band II 9400CH Back Side 15mm -Second Antenna

DUT: LON-L29; Type: Smart Phone; Serial: SAR3

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.548$ S/m; $\epsilon_r = 52.881$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN7381; ConvF(7.95, 7.95, 7.95); Calibrated: 2016/9/29;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn1492; Calibrated: 2016/9/28
- ε Phantom: SMA6; Type: QD000P40CD; Serial: TP:1892
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

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

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

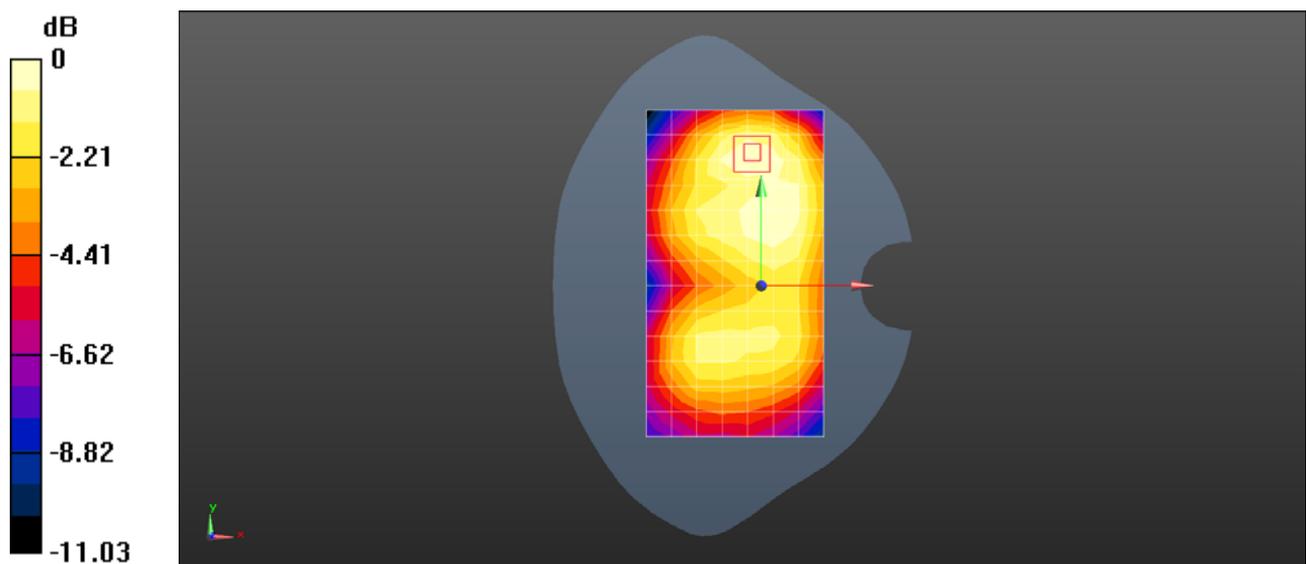
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 6.692 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.153 W/kg

SAR(1 g) = 0.105 W/kg; SAR(10 g) = 0.067 W/kg

Maximum value of SAR (measured) = 0.138 W/kg



0 dB = 0.147 W/kg = -8.32 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

LON-L29 UMTS Band II 9400CH Top Side 10mm -Second Antenna

DUT: LON-L29; Type: Smart Phone; Serial: SAR3

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.548$ S/m; $\epsilon_r = 52.881$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN7381; ConvF(7.95, 7.95, 7.95); Calibrated: 2016/9/29;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn1492; Calibrated: 2016/9/28
- ε Phantom: SMA6; Type: QD000P40CD; Serial: TP:1892
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

Configuration/Head/Area Scan (5x9x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

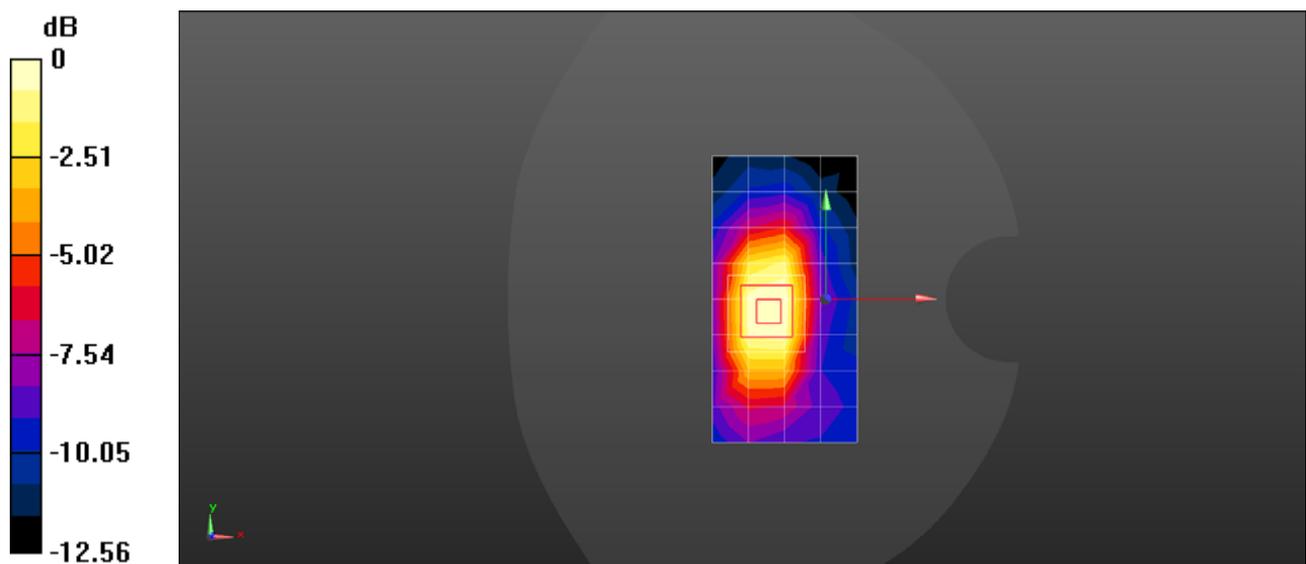
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 10.86 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.374 W/kg

SAR(1 g) = 0.231 W/kg; SAR(10 g) = 0.131 W/kg

Maximum value of SAR (measured) = 0.329 W/kg



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

Test Laboratory: HUAWEI SAR/HAC Lab

LON-L29 UMTS Band IV 1513CH Right touch -Second Antenna

DUT: LON-L29; Type: Smart Phone; Serial: SAR3

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

Medium parameters used: $f = 1753$ MHz; $\sigma = 1.34$ S/m; $\epsilon_r = 41.15$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY Configuration:

- ε Probe: EX3DV4 - SN7381; ConvF(8.68, 8.68, 8.68); Calibrated: 2016/9/29;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn1492; Calibrated: 2016/9/28
- ε Phantom: SAM5; Type: QD000P40CD; Serial: TP:1894
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

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

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

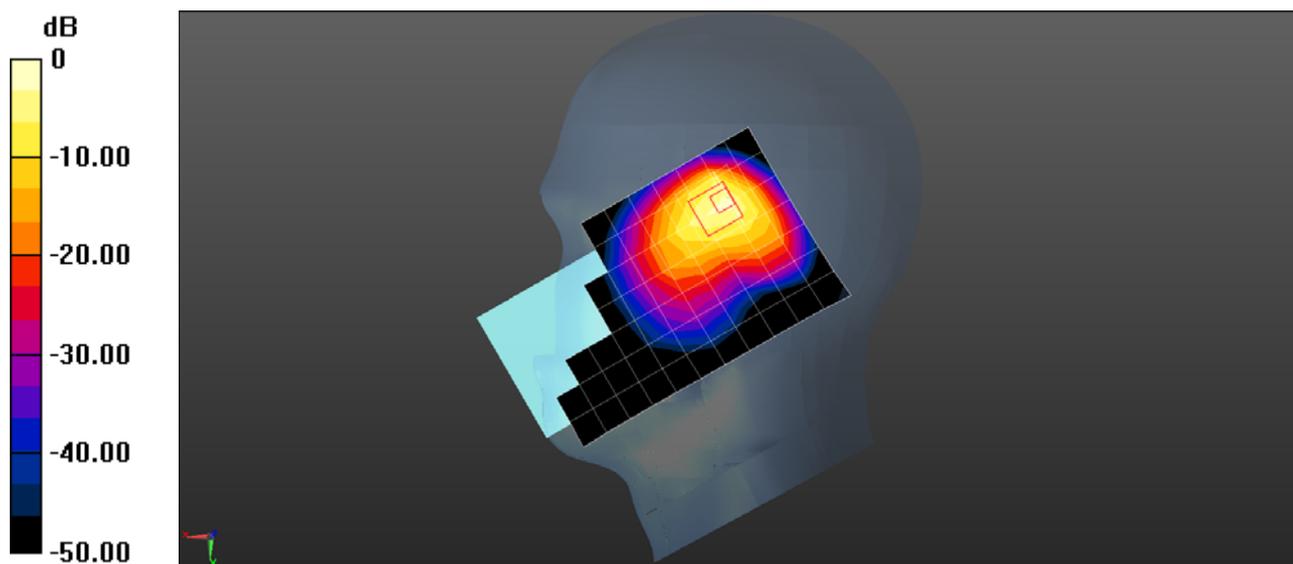
Configuration/Head/Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 18.74 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 2.12 W/kg

SAR(1 g) = 1.2 W/kg; SAR(10 g) = 0.727 W/kg

Maximum value of SAR (measured) = 1.65 W/kg



0 dB = 1.63 W/kg = 2.11 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

LON-L29 UMTS Band IV 1413CH Back Side 15mm -Second Antenna

DUT: LON-L29; Type: Smart Phone; Serial: SAR3

Communication System: UID 0, HW-UMTS-FDD(WCDMA) (0); Frequency: 1732.6 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1733$ MHz; $\sigma = 1.491$ S/m; $\epsilon_r = 53.852$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN7381; ConvF(8.08, 8.08, 8.08); Calibrated: 2016/9/29;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn1492; Calibrated: 2016/9/28
- ε Phantom: SMA6; Type: QD000P40CD; Serial: TP:1892
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

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

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

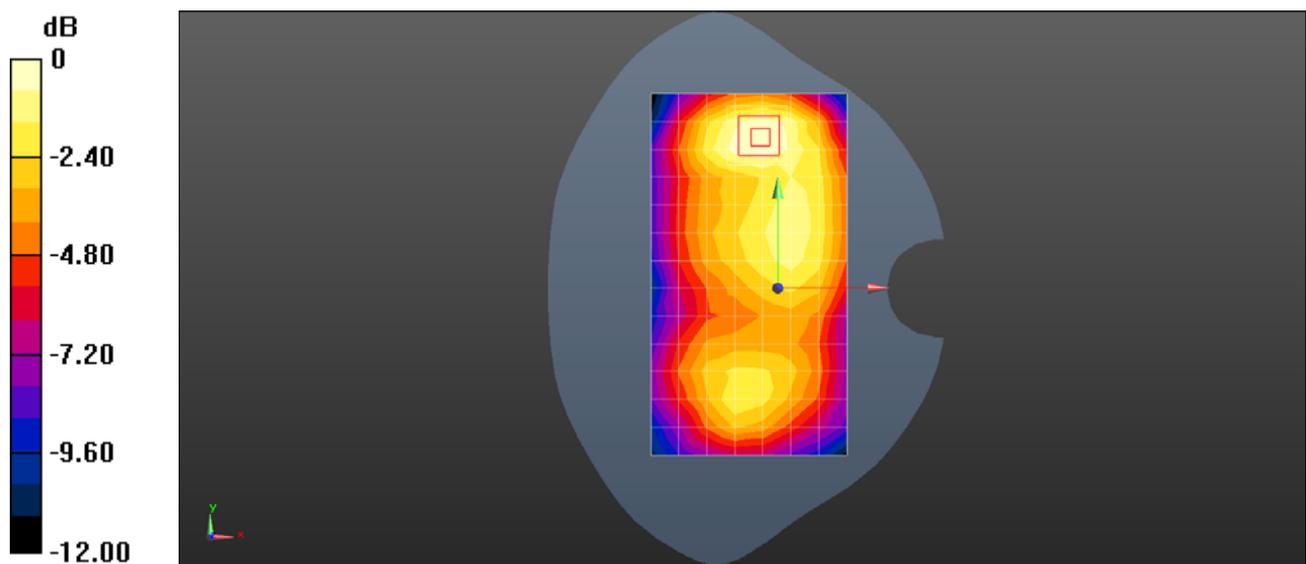
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 6.265 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.227 W/kg

SAR(1 g) = 0.158 W/kg; SAR(10 g) = 0.100 W/kg

Maximum value of SAR (measured) = 0.206 W/kg



0 dB = 0.214 W/kg = -6.69 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

LON-L29 UMTS Band IV 1413CH Top Side 10mm -Second Antenna

DUT: LON-L29; Type: Smart Phone; Serial: SAR3

Communication System: UID 0, HW-UMTS-FDD(WCDMA) (0); Frequency: 1732.6 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1733$ MHz; $\sigma = 1.491$ S/m; $\epsilon_r = 53.852$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN7381; ConvF(8.08, 8.08, 8.08); Calibrated: 2016/9/29;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn1492; Calibrated: 2016/9/28
- ε Phantom: SMA6; Type: QD000P40CD; Serial: TP:1892
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

Configuration/Head/Area Scan (5x9x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.387 W/kg

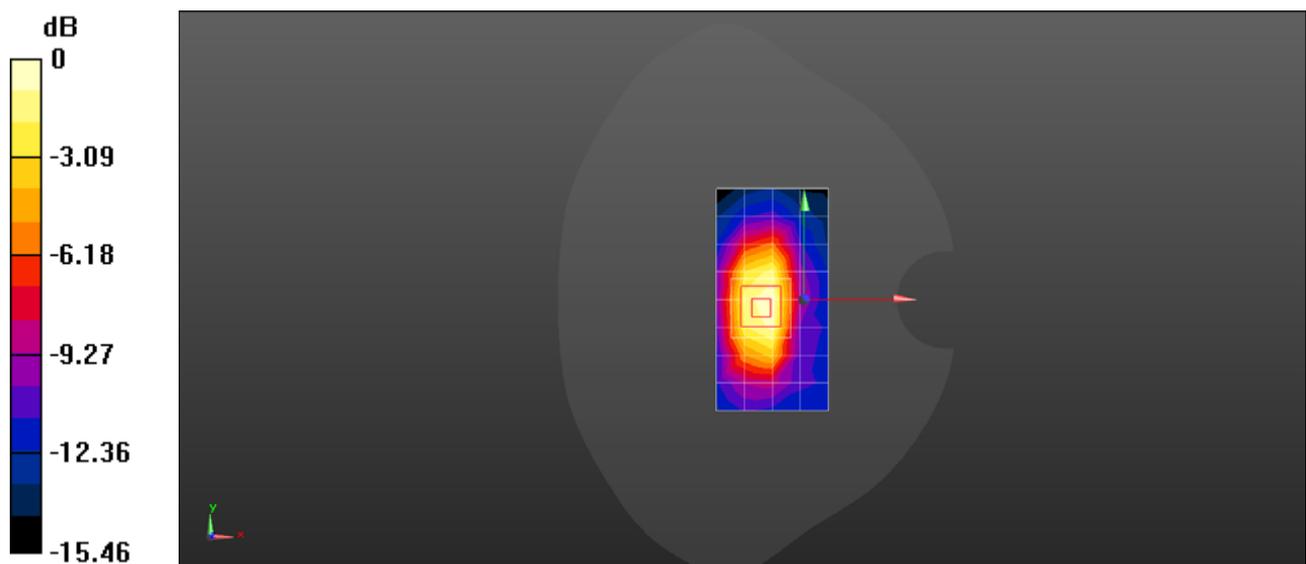
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 14.03 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.564 W/kg

SAR(1 g) = 0.354 W/kg; SAR(10 g) = 0.202 W/kg

Maximum value of SAR (measured) = 0.499 W/kg



0 dB = 0.387 W/kg = -4.13 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

LON-L29 UMTS Band V 4182CH Right touch -Second Antenna

DUT: LON-L29; Type: Smart Phone; Serial: SAR3

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

Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 0.883$ S/m; $\epsilon_r = 41.198$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY Configuration:

- ε Probe: EX3DV4 - SN7381; ConvF(10.11, 10.11, 10.11); Calibrated: 2016/9/29;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn1492; Calibrated: 2016/9/28
- ε Phantom: SAM5; Type: QD000P40CD; Serial: TP:1894
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

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

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.20 W/kg

Configuration/Head/Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

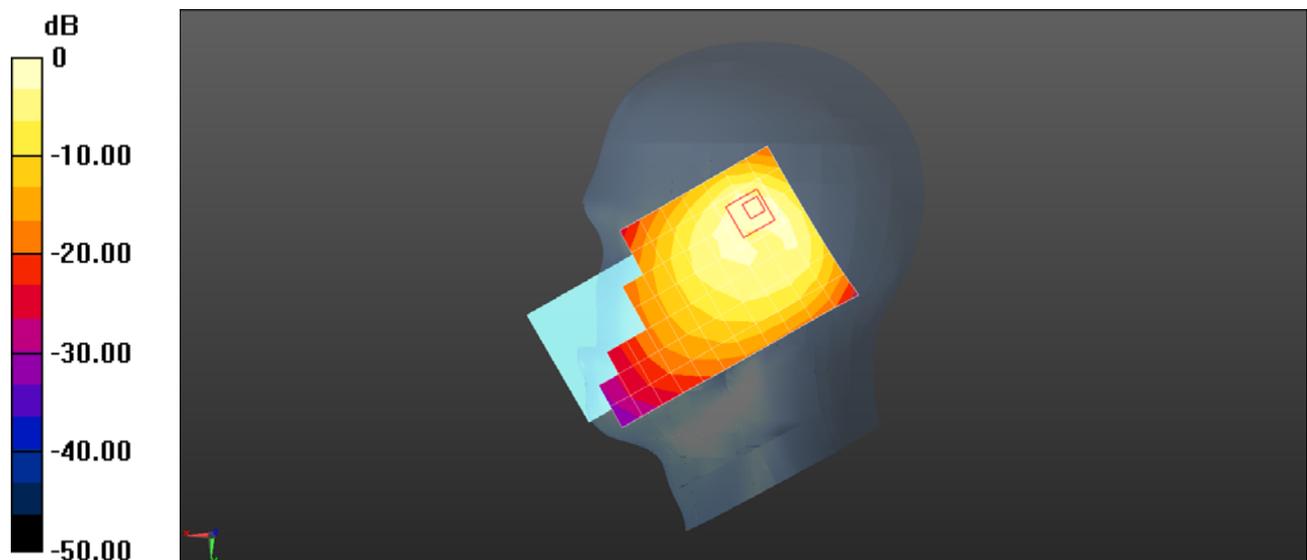
Reference Value = 21.26 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 1.59 W/kg

SAR(1 g) = 0.854 W/kg; SAR(10 g) = 0.514 W/kg

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.27 W/kg



0 dB = 1.20 W/kg = 0.80 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

LON-L29 UMTS Band V 4182CH Back Side 15mm -Second Antenna

DUT: LON-L29; Type: Smart Phone; Serial: SAR3

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

Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 1.015$ S/m; $\epsilon_r = 55.47$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN7381; ConvF(9.78, 9.78, 9.78); Calibrated: 2016/9/29;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn1492; Calibrated: 2016/9/28
- ε Phantom: SMA6; Type: QD000P40CD; Serial: TP:1892
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

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

[Info: Interpolated medium parameters used for SAR evaluation.](#)

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

Configuration/Head/Zoom Scan (5x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

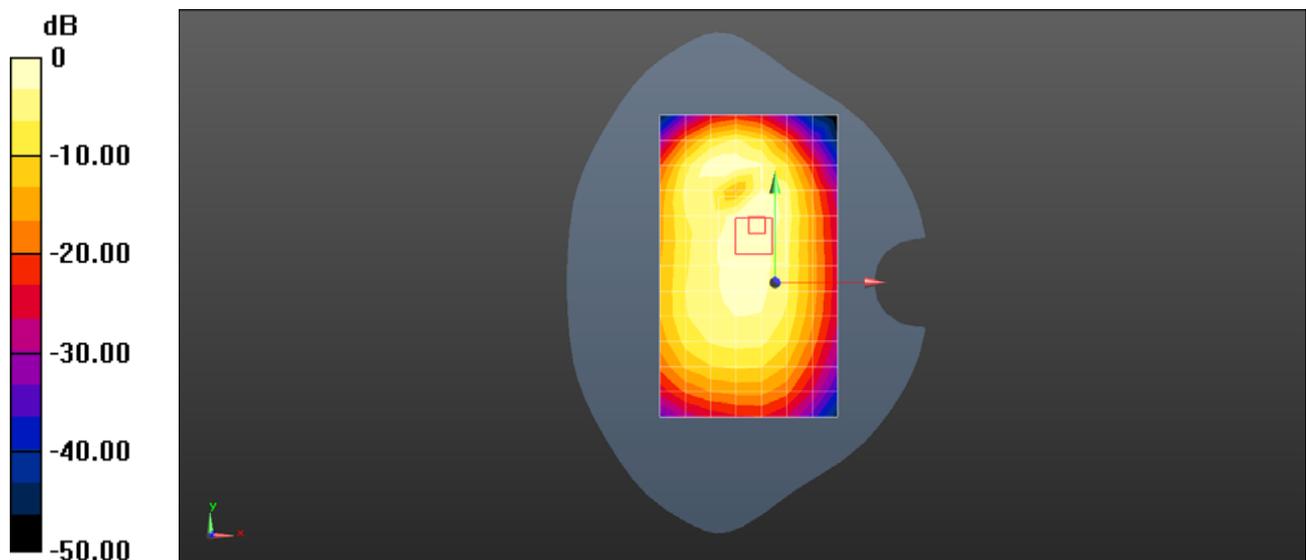
Reference Value = 12.95 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.242 W/kg

SAR(1 g) = 0.201 W/kg; SAR(10 g) = 0.155 W/kg

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.230 W/kg



0 dB = 0.239 W/kg = -6.21 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

LON-L29 UMTS Band V 4182CH Back Side 10mm -Second Antenna

DUT: LON-L29; Type: Smart Phone; Serial: SAR3

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

Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 1.015$ S/m; $\epsilon_r = 55.47$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN7381; ConvF(9.78, 9.78, 9.78); Calibrated: 2016/9/29;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn1492; Calibrated: 2016/9/28
- ε Phantom: SMA6; Type: QD000P40CD; Serial: TP:1892
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

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

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.463 W/kg

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

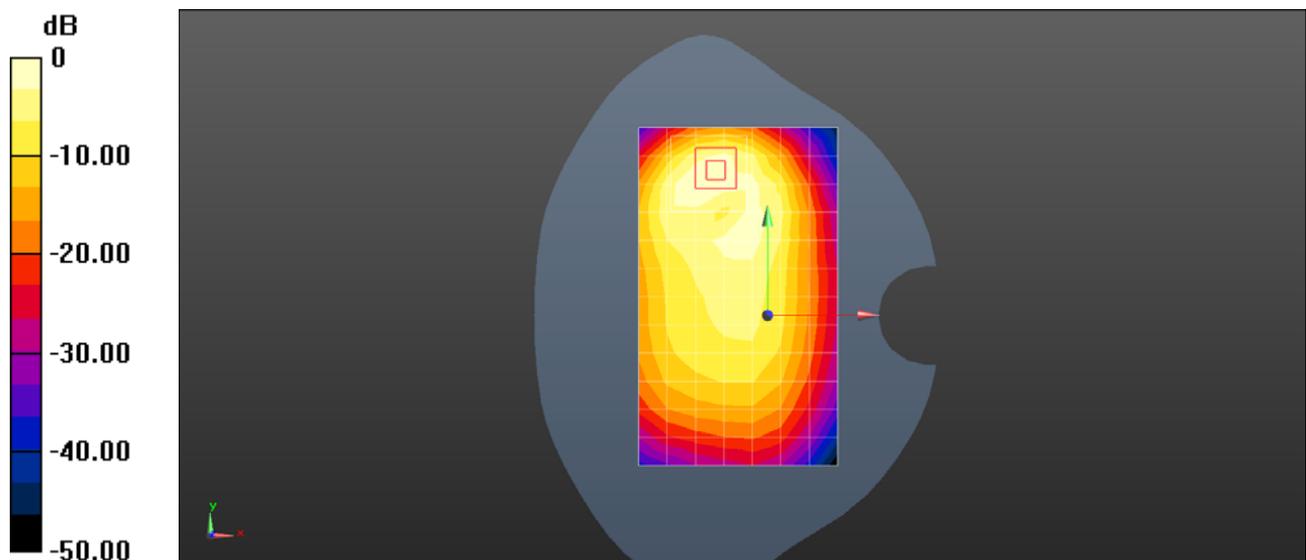
Reference Value = 13.41 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 0.558 W/kg

SAR(1 g) = 0.343 W/kg; SAR(10 g) = 0.206 W/kg

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.496 W/kg



0 dB = 0.463 W/kg = -3.35 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

LON-L29 LTE Band II 20M QPSK 1RB 50 offset 19100CH Right touch with SIM2 - Second Antenna Repeated

DUT: LON-L29; Type: Smart Phone; Serial: SAR3

Communication System: UID 0, LTE-FDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 1900 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.414$ S/m; $\epsilon_r = 39.11$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY Configuration:

- ε Probe: EX3DV4 - SN7381; ConvF(8.35, 8.35, 8.35); Calibrated: 2016/9/29;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn1492; Calibrated: 2016/9/28
- ε Phantom: SAM5; Type: QD000P40CD; Serial: TP:1894
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

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

Maximum value of SAR (measured) = 1.36 W/kg

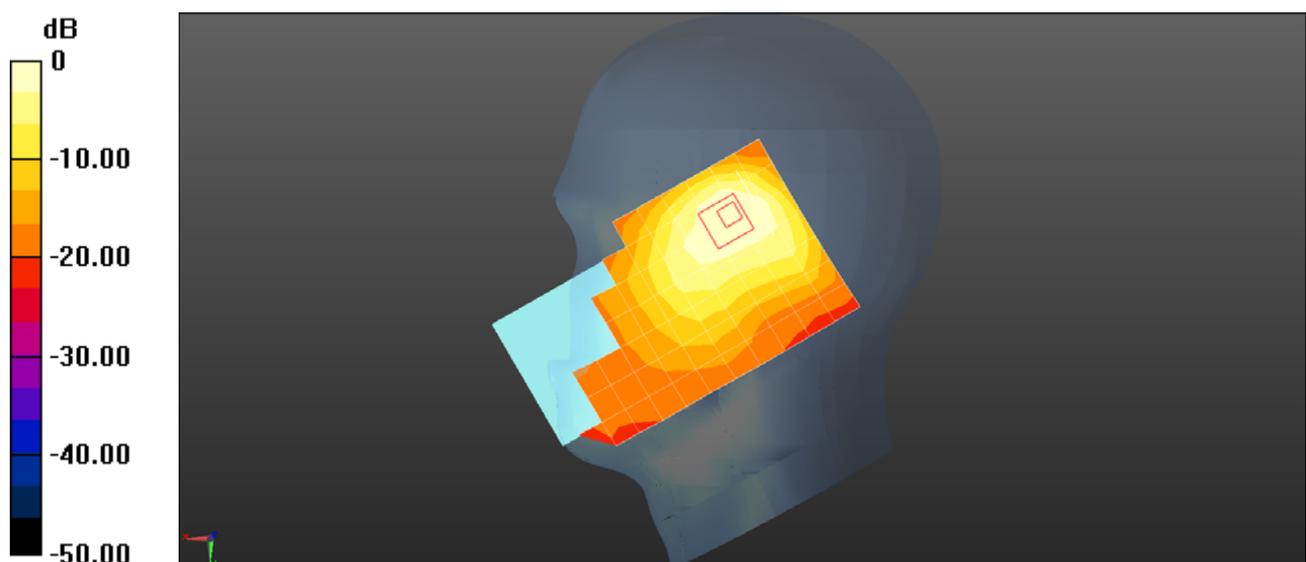
Configuration/Head/Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 17.04 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.76 W/kg

SAR(1 g) = 1.04 W/kg; SAR(10 g) = 0.634 W/kg

Maximum value of SAR (measured) = 1.40 W/kg



0 dB = 1.36 W/kg = 1.33 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

LON-L29 LTE Band II 20M QPSK 1RB 50 offset 19100CH Back Side 15mm - Second Antenna

DUT: LON-L29; Type: Smart Phone; Serial: SAR3

Communication System: UID 0, LTE-FDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 1900 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.593$ S/m; $\epsilon_r = 51.685$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN7381; ConvF(7.95, 7.95, 7.95); Calibrated: 2016/9/29;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 31.0
- ε Electronics: DAE4 Sn1492; Calibrated: 2016/9/28
- ε Phantom: SMA6; Type: QD000P40CD; Serial: TP:1892
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

Configuration/Head/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.145 W/kg

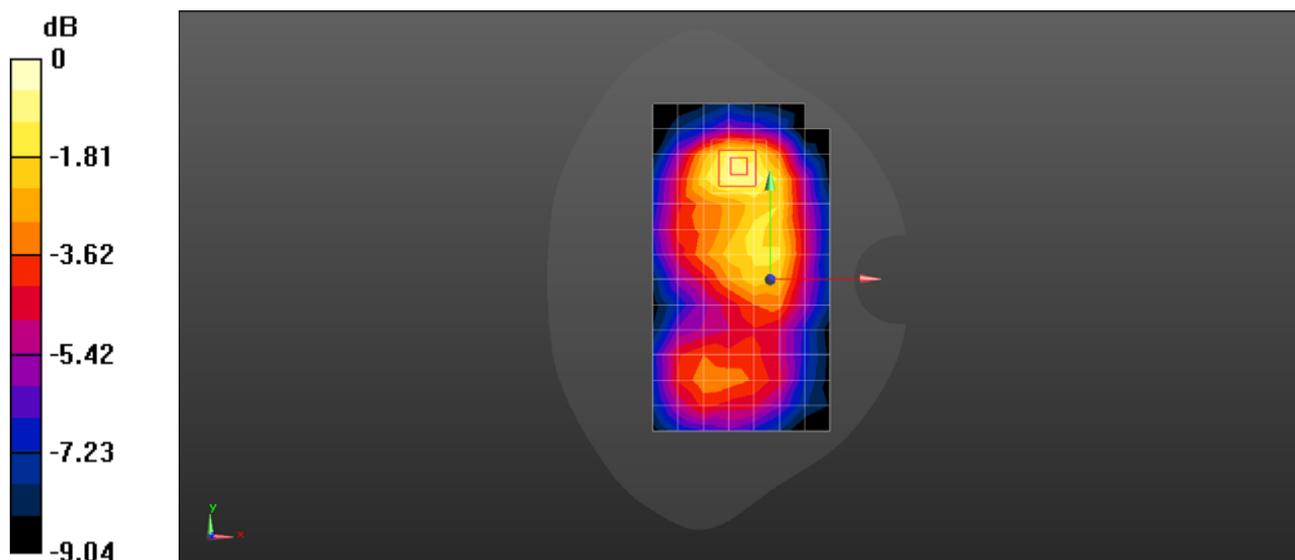
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.908 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.187 W/kg

SAR(1 g) = 0.129 W/kg; SAR(10 g) = 0.084 W/kg

Maximum value of SAR (measured) = 0.169 W/kg



0 dB = 0.169 W/kg = -7.71 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

LON-L29 LTE Band II 20M QPSK 1RB 50 offset 19100CH Top Side 10mm -Second Antenna

DUT: LON-L29; Type: Smart Phone; Serial: SAR3

Communication System: UID 0, LTE-FDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 1900 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.593$ S/m; $\epsilon_r = 51.685$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN7381; ConvF(7.95, 7.95, 7.95); Calibrated: 2016/9/29;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn1492; Calibrated: 2016/9/28
- ε Phantom: SMA6; Type: QD000P40CD; Serial: TP:1892
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

Configuration/Head/Area Scan (5x14x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 0.327 W/kg

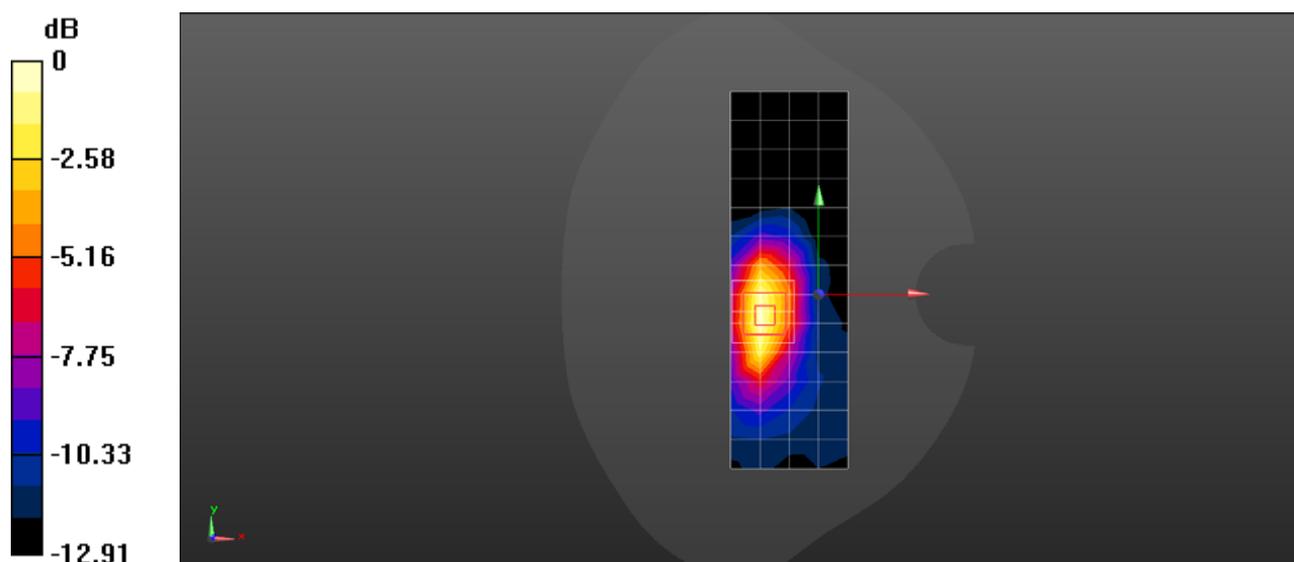
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 8.719 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.400 W/kg

SAR(1 g) = 0.243 W/kg; SAR(10 g) = 0.137 W/kg

Maximum value of SAR (measured) = 0.345 W/kg



0 dB = 0.345 W/kg = -4.62 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

LON-L29 LTE Band IV 20M QPSK 1RB 50 offset 20300CH Right touch with battery2 -Second Antenna

DUT: LON-L29; Type: Smart Phone; Serial: SAR3

Communication System: UID 0, LTE-FDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 1745 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1745$ MHz; $\sigma = 1.324$ S/m; $\epsilon_r = 39.133$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY Configuration:

- ε Probe: EX3DV4 - SN7381; ConvF(8.68, 8.68, 8.68); Calibrated: 2016/9/29;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn1492; Calibrated: 2016/9/28
- ε Phantom: SAM5; Type: QD000P40CD; Serial: TP:1894
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

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

Maximum value of SAR (measured) = 1.13 W/kg

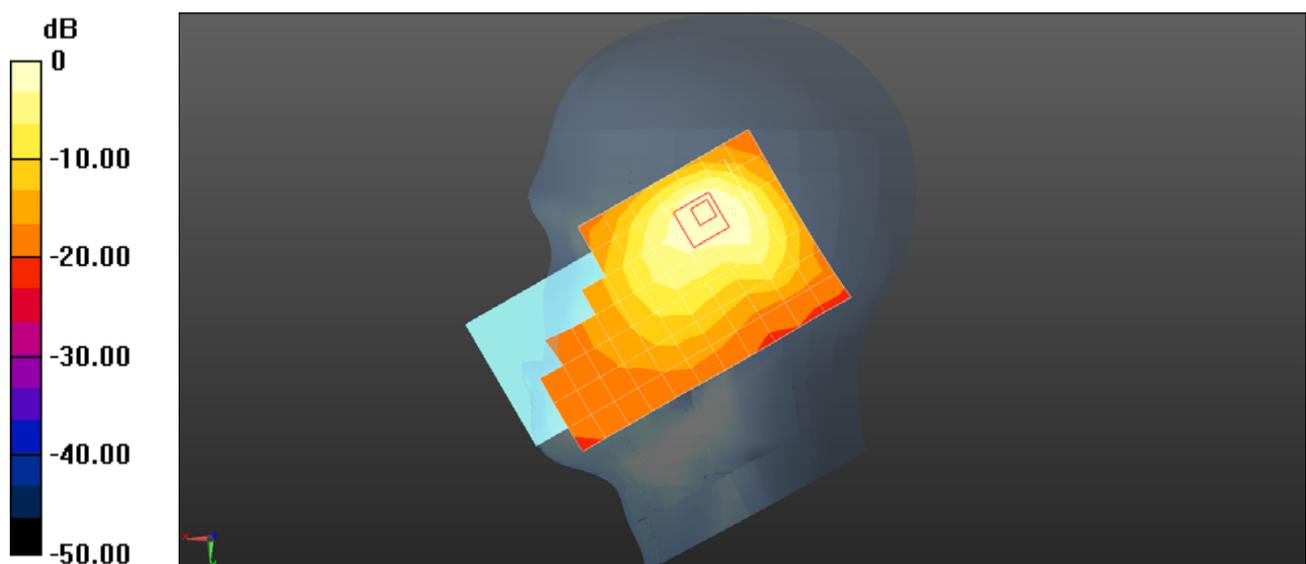
Configuration/Head/Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 16.40 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.41 W/kg

SAR(1 g) = 0.806 W/kg; SAR(10 g) = 0.487 W/kg

Maximum value of SAR (measured) = 1.11 W/kg



0 dB = 1.13 W/kg = 0.52 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

LON-L29 LTE Band IV 20M QPSK 1RB 50 offset 20050 Back side 15mm -Second Antenna

DUT: LON-L29; Type: Smart Phone; Serial: SAR3

Communication System: UID 0, LTE-FDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 1720 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1720$ MHz; $\sigma = 1.493$ S/m; $\epsilon_r = 54.106$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN7381; ConvF(8.08, 8.08, 8.08); Calibrated: 2016/9/29;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn1492; Calibrated: 2016/9/28
- ε Phantom: SMA6; Type: QD000P40CD; Serial: TP:1892
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

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

Maximum value of SAR (measured) = 0.140 W/kg

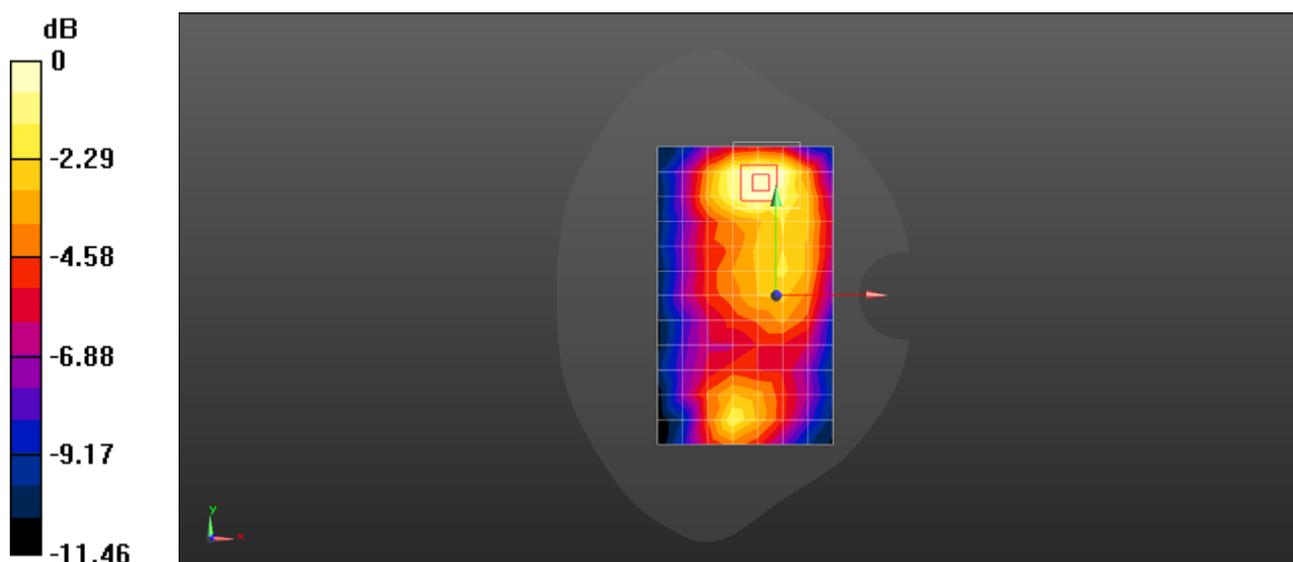
Configuration/Head/Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 5.660 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.193 W/kg

SAR(1 g) = 0.132 W/kg; SAR(10 g) = 0.084 W/kg

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



0 dB = 0.140 W/kg = -8.55 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

LON-L29 LTE Band IV 20M QPSK 1RB 50 offset 20050 Top side 10mm -Second Antenna

DUT: LON-L29; Type: Smart Phone; Serial: SAR3

Communication System: UID 0, LTE-FDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 1720 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1720$ MHz; $\sigma = 1.493$ S/m; $\epsilon_r = 54.106$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN7381; ConvF(8.08, 8.08, 8.08); Calibrated: 2016/9/29;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn1492; Calibrated: 2016/9/28
- ε Phantom: SMA6; Type: QD000P40CD; Serial: TP:1892
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

Configuration/Head/Area Scan (5x9x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 0.464 W/kg

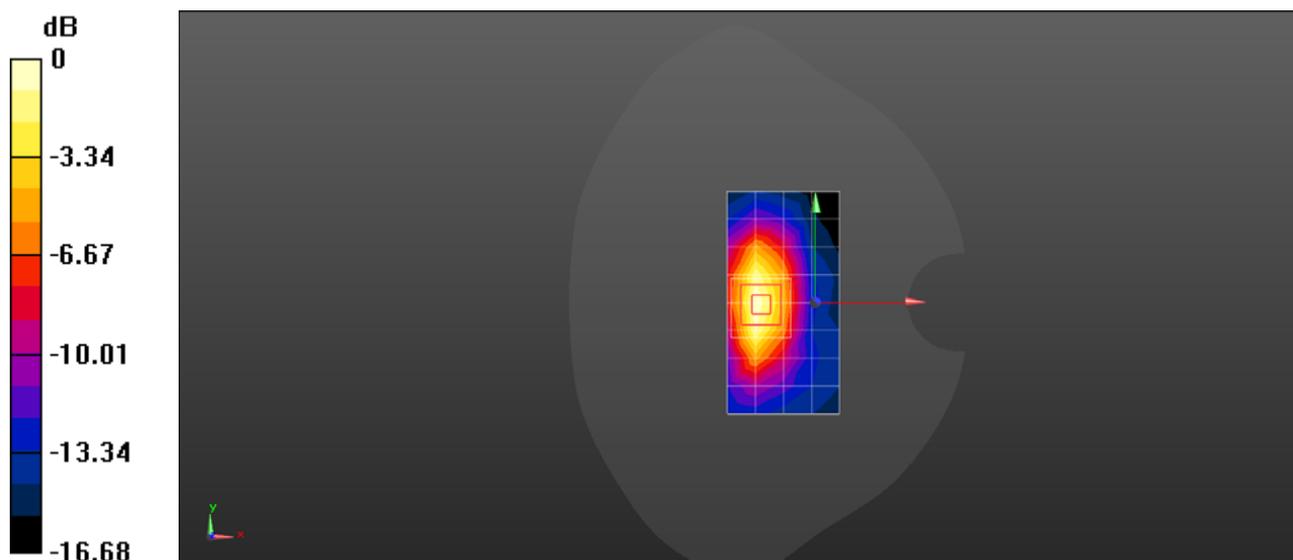
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 9.515 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.564 W/kg

SAR(1 g) = 0.343 W/kg; SAR(10 g) = 0.193 W/kg

Maximum value of SAR (measured) = 0.492 W/kg



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

Test Laboratory: HUAWEI SAR/HAC Lab

LON-L29 LTE Band V 10M QPSK 1RB 25 offset 20450CH Right touch -Second Antenna

DUT: LON-L29; Type: Smart Phone; Serial: SAR3

Communication System: UID 0, LTE-FDD (SC-FDMA, 10MHz, QPSK/16-QAM) (0); Frequency: 829 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 829$ MHz; $\sigma = 0.88$ S/m; $\epsilon_r = 41.219$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY Configuration:

- ε Probe: EX3DV4 - SN7381; ConvF(10.11, 10.11, 10.11); Calibrated: 2016/9/29;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn1492; Calibrated: 2016/9/28
- ε Phantom: SAM5; Type: QD000P40CD; Serial: TP:1894
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

Configuration/Head/Area Scan (8x9x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 1.06 W/kg

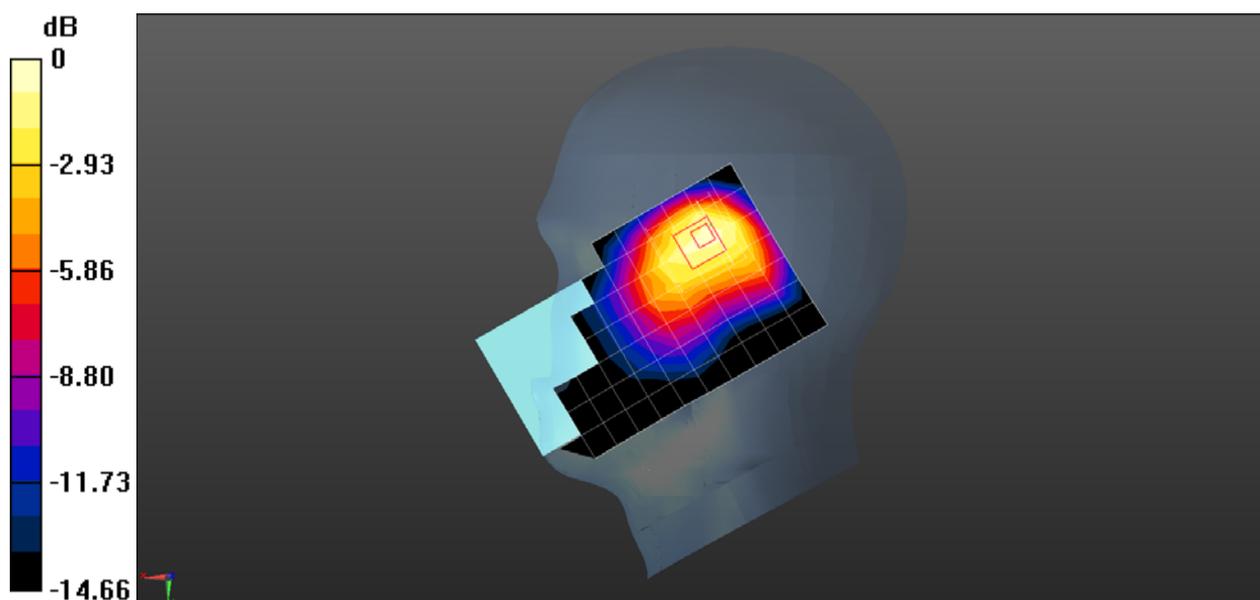
Configuration/Head/Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 19.42 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.35 W/kg

SAR(1 g) = 0.743 W/kg; SAR(10 g) = 0.448 W/kg

Maximum value of SAR (measured) = 1.07 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

LON-L29 LTE Band V 10M QPSK 1RB 25 offset 20600CH Back Side 15mm-Second Antenna

DUT: LON-L29; Type: Smart Phone; Serial: SAR3

Communication System: UID 0, LTE-FDD (SC-FDMA, 10MHz, QPSK/16-QAM) (0); Frequency: 844 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 844$ MHz; $\sigma = 1.018$ S/m; $\epsilon_r = 55.454$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN7381; ConvF(9.78, 9.78, 9.78); Calibrated: 2016/9/29;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -9.0, 31.0$
- ε Electronics: DAE4 Sn1492; Calibrated: 2016/9/28
- ε Phantom: SMA6; Type: QD000P40CD; Serial: TP:1892
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

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

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

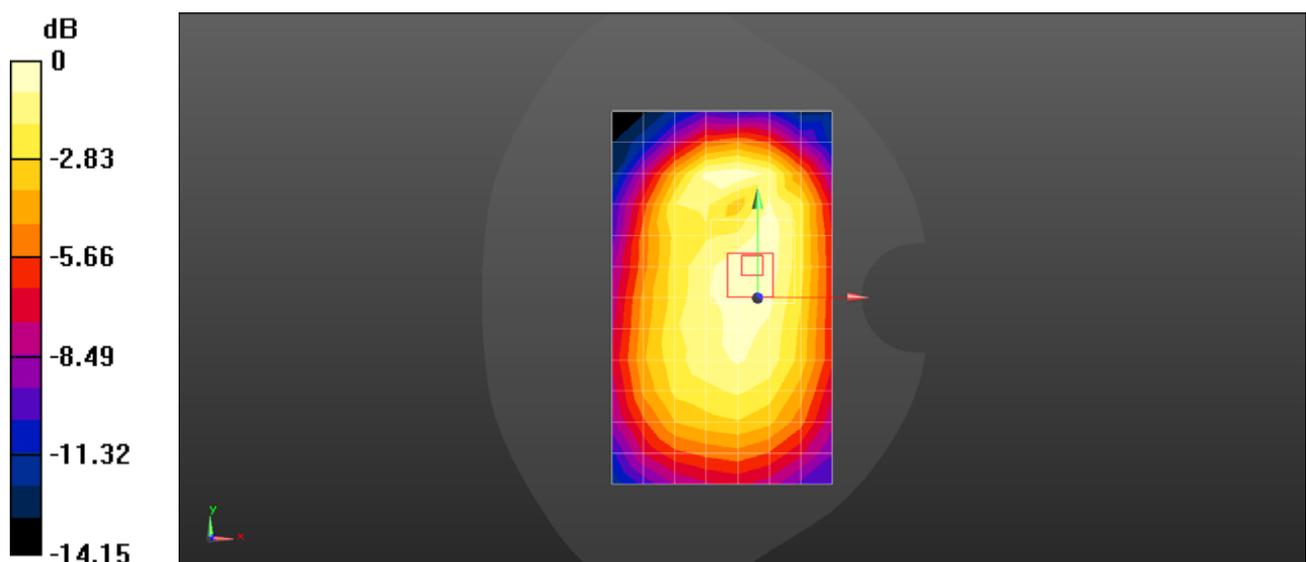
Configuration/Head/Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 12.93 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.240 W/kg

SAR(1 g) = 0.198 W/kg; SAR(10 g) = 0.152 W/kg

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



0 dB = 0.229 W/kg = -6.41 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

LON-L29 LTE Band V 10M QPSK 1RB 25 offset 20600CH Back Side 10mm - Second Antenna

DUT: LON-L29; Type: Smart Phone; Serial: SAR3

Communication System: UID 0, LTE-FDD (SC-FDMA, 10MHz, QPSK/16-QAM) (0); Frequency: 844 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 844 \text{ MHz}$; $\sigma = 1.018 \text{ S/m}$; $\epsilon_r = 55.454$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN7381; ConvF(9.78, 9.78, 9.78); Calibrated: 2016/9/29;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn1492; Calibrated: 2016/9/28
- ε Phantom: SMA6; Type: QD000P40CD; Serial: TP:1892
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

Configuration/Head/Area Scan (5x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.467 W/kg

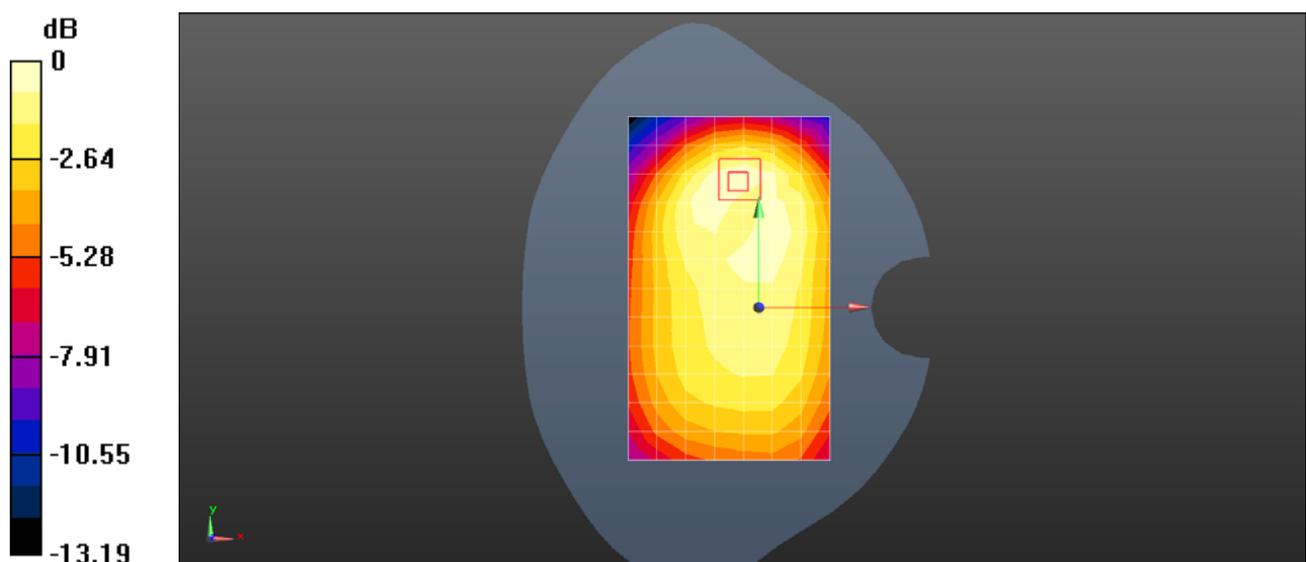
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 13.06 V/m ; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.602 W/kg

SAR(1 g) = 0.384 W/kg ; SAR(10 g) = 0.233 W/kg

Maximum value of SAR (measured) = 0.532 W/kg



0 dB = $0.467 \text{ W/kg} = -3.31 \text{ dBW/kg}$

Test Laboratory: HUAWEI SAR/HAC Lab

LON-L29 LTE Band VII 20M QPSK 100%RB 0 offset 21350CH Right touch - Second Antenna

DUT: LON-L29; Type: Smart Phone; Serial: SAR3

Communication System: UID 0, LTE-FDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 2560 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2560$ MHz; $\sigma = 1.867$ S/m; $\epsilon_r = 37.467$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY Configuration:

- ε Probe: EX3DV4 - SN7381; ConvF(7.27, 7.27, 7.27); Calibrated: 2016/9/29;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 31.0
- ε Electronics: DAE4 Sn1492; Calibrated: 2016/9/28
- ε Phantom: SAM5; Type: QD000P40CD; Serial: TP:1894
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

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

Maximum value of SAR (measured) = 1.42 W/kg

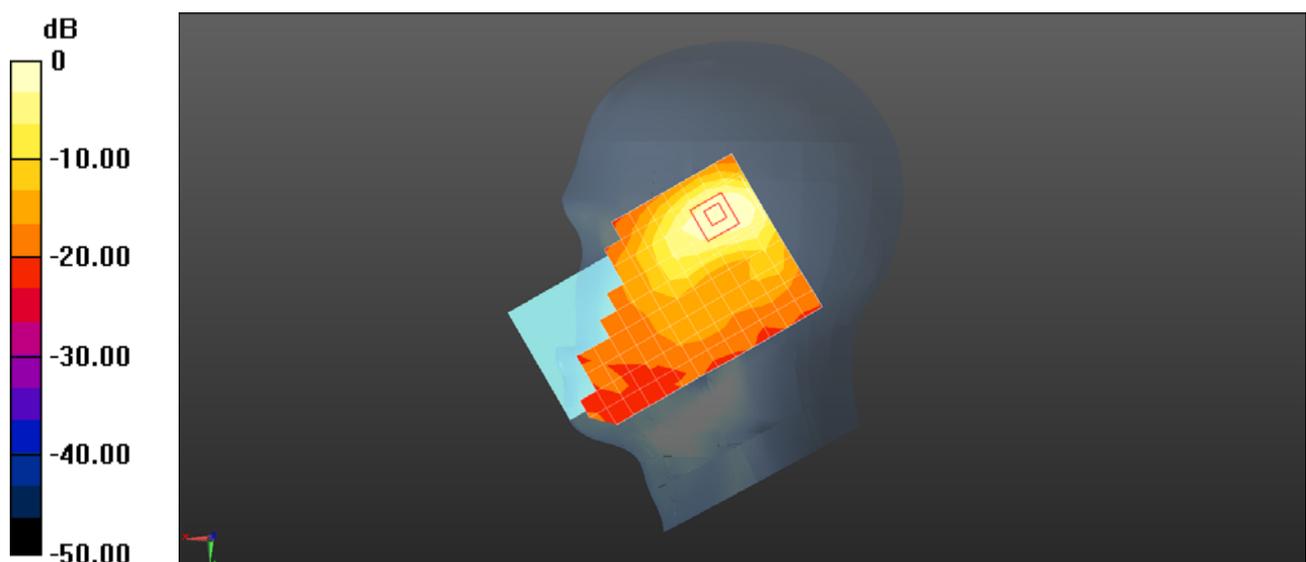
Configuration/Head/Zoom Scan (7x9x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.966 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.73 W/kg

SAR(1 g) = 0.916 W/kg; SAR(10 g) = 0.480 W/kg

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



0 dB = 1.42 W/kg = 1.51 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

LON-L29 LTE Band VII 20M QPSK 1RB 99 offset 21350CH Back Side 15mm - Second Antenna

DUT: LON-L29; Type: Smart Phone; Serial: SAR3

Communication System: UID 0, LTE-FDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 2560 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2560$ MHz; $\sigma = 2.109$ S/m; $\epsilon_r = 50.653$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN7381; ConvF(7.19, 7.19, 7.19); Calibrated: 2016/9/29;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 31.0
- ε Electronics: DAE4 Sn1492; Calibrated: 2016/9/28
- ε Phantom: SMA6; Type: QD000P40CD; Serial: TP:1892
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

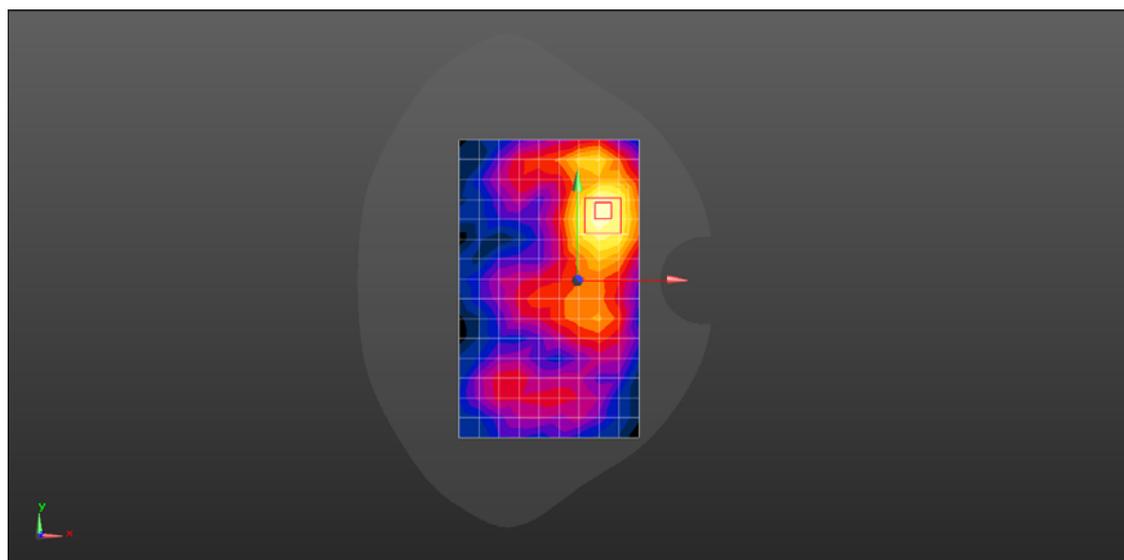
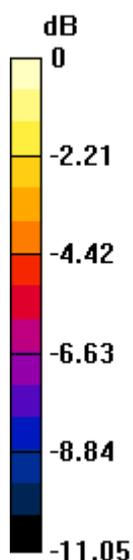
Configuration/Head/Area Scan (10x16x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.154 W/kg

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

Reference Value = 3.816 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.177 W/kg

SAR(1 g) = 0.112 W/kg; SAR(10 g) = 0.071 W/kg



0 dB = 0.154 W/kg = -8.14 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

LON-L29 LTE Band VII 20M QPSK 1RB 99 offset 21350CH Back Side 10mm-Second Antenna

DUT: LON-L29; Type: Smart Phone; Serial: SAR3

Communication System: UID 0, LTE-FDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 2560 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2560$ MHz; $\sigma = 2.109$ S/m; $\epsilon_r = 50.653$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN7381; ConvF(7.19, 7.19, 7.19); Calibrated: 2016/9/29;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 31.0
- ε Electronics: DAE4 Sn1492; Calibrated: 2016/9/28
- ε Phantom: SMA6; Type: QD000P40CD; Serial: TP:1892
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

Configuration/Head/Area Scan (10x16x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.348 W/kg

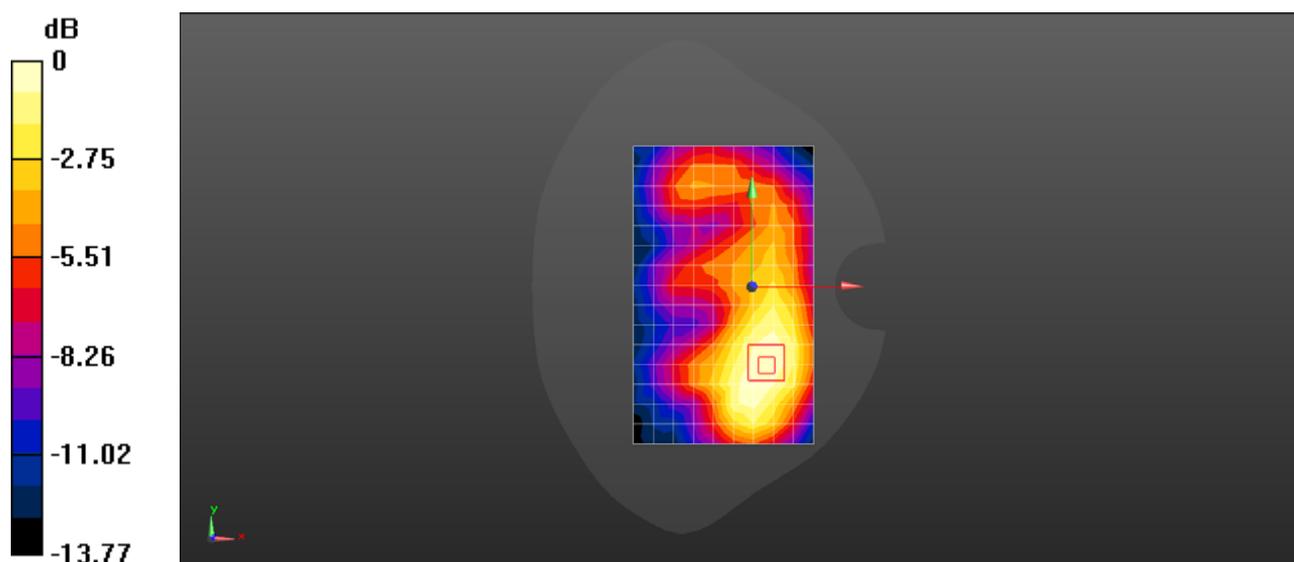
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.804 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.375 W/kg

SAR(1 g) = 0.243 W/kg; SAR(10 g) = 0.156 W/kg

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



0 dB = 0.348 W/kg = -4.59 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

LON-L29 LTE Band XII 10M QPSK 1RB 25 offset 23060CH Right touch -Second Antenna

DUT: LON-L29; Type: Smart Phone; Serial: SAR3

Communication System: UID 0, LTE-FDD (SC-FDMA, 10MHz, QPSK/16-QAM) (0); Frequency: 704 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 704$ MHz; $\sigma = 0.866$ S/m; $\epsilon_r = 42.901$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY Configuration:

- ε Probe: EX3DV4 - SN7381; ConvF(11.23, 11.23, 11.23); Calibrated: 2016/9/29;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn1492; Calibrated: 2016/9/28
- ε Phantom: SAM5; Type: QD000P40CD; Serial: TP:1894
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

Configuration/Head/Area Scan (8x12x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.860 W/kg

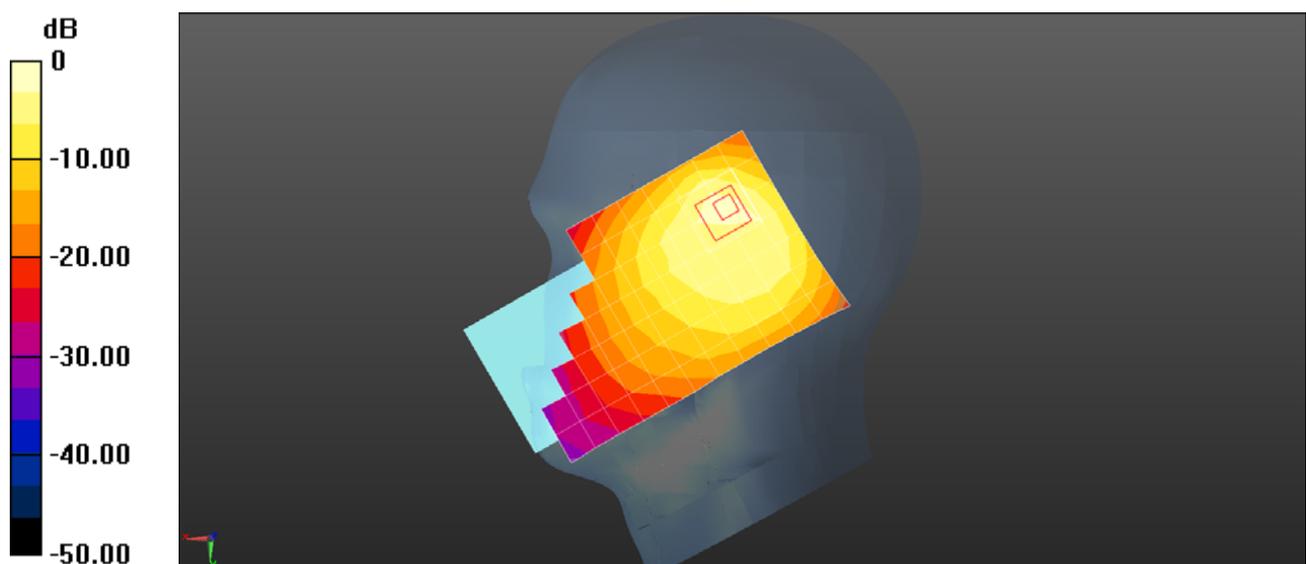
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 16.62 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 1.04 W/kg

SAR(1 g) = 0.543 W/kg; SAR(10 g) = 0.308 W/kg

Maximum value of SAR (measured) = 0.823 W/kg



0 dB = 0.860 W/kg = -0.66 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

LON-L29 LTE Band XII 10M QPSK 50%RB 13 offset 23130CH Back Side 15mm - Second Antenna

DUT: LON-L29; Type: Smart Phone; Serial: SAR3

Communication System: UID 0, LTE-FDD (SC-FDMA, 10MHz, QPSK/16-QAM) (0); Frequency: 711 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 711 \text{ MHz}$; $\sigma = 0.965 \text{ S/m}$; $\epsilon_r = 55.73$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN7381; ConvF(9.8, 9.8, 9.8); Calibrated: 2016/9/29;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn1492; Calibrated: 2016/9/28
- ε Phantom: SMA6; Type: QD000P40CD; Serial: TP:1892
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

Configuration/Head/Area Scan (8x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (measured) = 0.163 W/kg

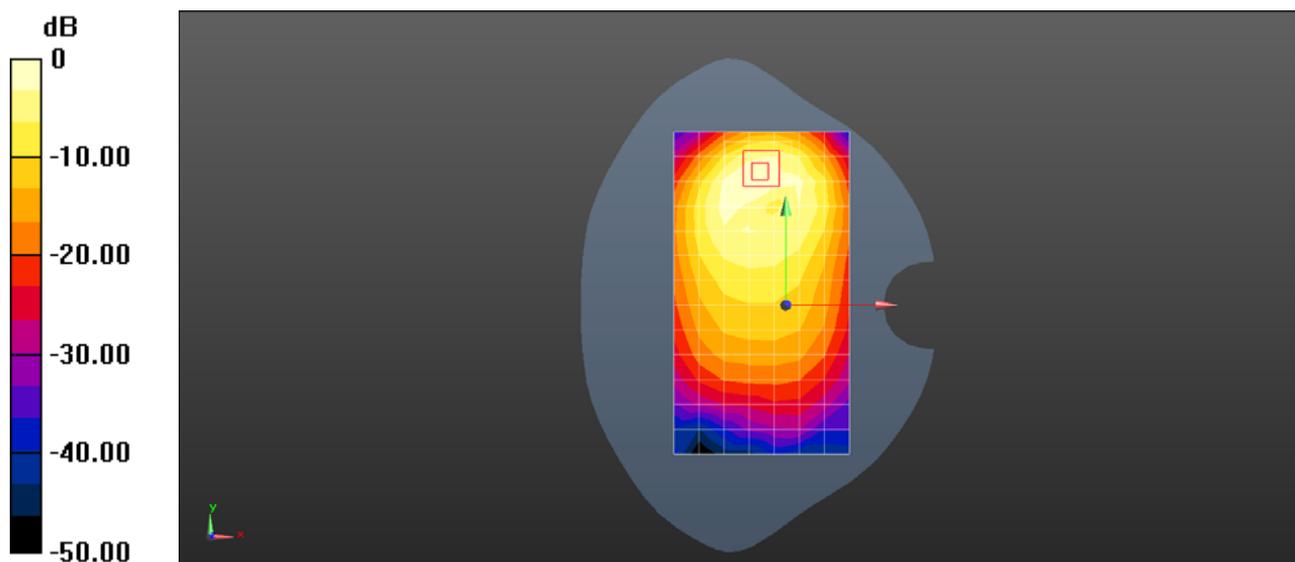
Configuration/Head/Zoom Scan (7x9x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 8.046 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.184 W/kg

SAR(1 g) = 0.125 W/kg; SAR(10 g) = 0.085 W/kg

Maximum value of SAR (measured) = 0.164 W/kg



0 dB = 0.163 W/kg = -7.88 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

LON-L29 LTE Band XII 10M QPSK 1RB 25 offset 23130CH Back Side 10mm - Second Antenna

DUT: LON-L29; Type: Smart Phone; Serial: SAR3

Communication System: UID 0, LTE-FDD (SC-FDMA, 10MHz, QPSK/16-QAM) (0); Frequency: 711 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 711 \text{ MHz}$; $\sigma = 0.965 \text{ S/m}$; $\epsilon_r = 55.73$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN7381; ConvF(9.8, 9.8, 9.8); Calibrated: 2016/9/29;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn1492; Calibrated: 2016/9/28
- ε Phantom: SMA6; Type: QD000P40CD; Serial: TP:1892
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

Configuration/Head/Area Scan (8x9x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (measured) = 0.308 W/kg

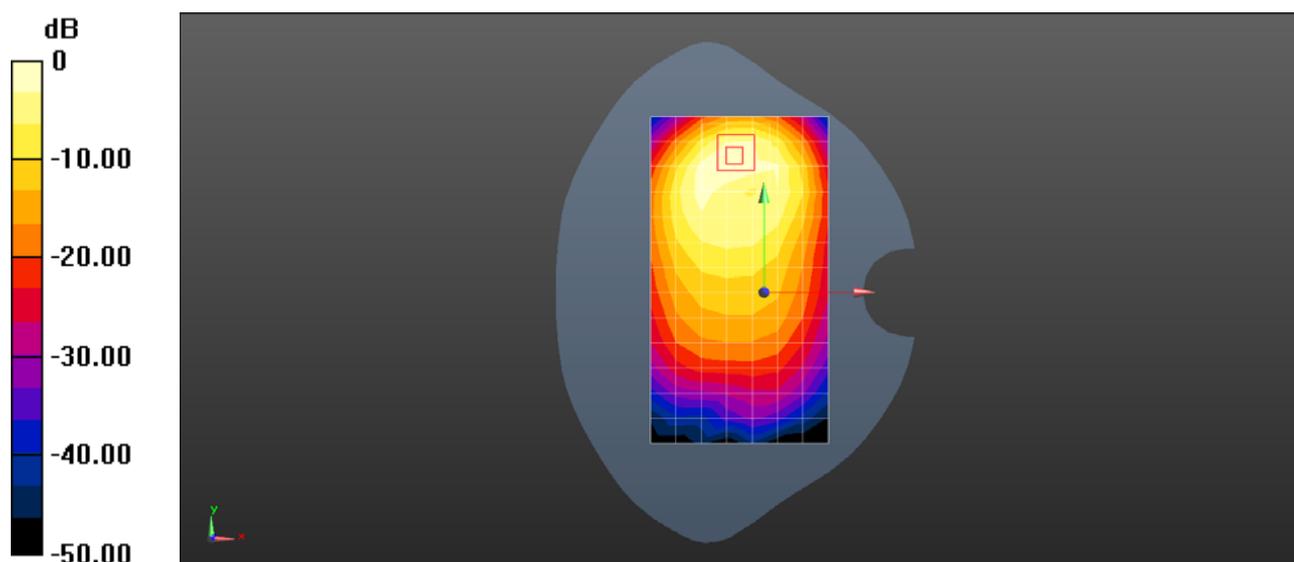
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 8.734 V/m ; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.381 W/kg

SAR(1 g) = 0.240 W/kg ; SAR(10 g) = 0.147 W/kg

Maximum value of SAR (measured) = 0.331 W/kg



$0 \text{ dB} = 0.308 \text{ W/kg} = -5.11 \text{ dBW/kg}$

Test Laboratory: HUAWEI SAR/HAC Lab

LON-L29 LTE Band XXVI 15M QPSK 1RB 38 offset 26965CH Right touch -Second Antenna

DUT: LON-L29; Type: Smart Phone; Serial: SAR3

Communication System: UID 0, LTE-FDD (SC-FDMA, 15MHz, QPSK/16-QAM) (0); Frequency: 841.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 841.5$ MHz; $\sigma = 0.885$ S/m; $\epsilon_r = 41.19$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY Configuration:

- ε Probe: EX3DV4 - SN7381; ConvF(10.11, 10.11, 10.11); Calibrated: 2016/9/29;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn1492; Calibrated: 2016/9/28
- ε Phantom: SAM5; Type: QD000P40CD; Serial: TP:1894
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

Configuration/Head/Area Scan (8x9x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.40 W/kg

Configuration/Head/Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

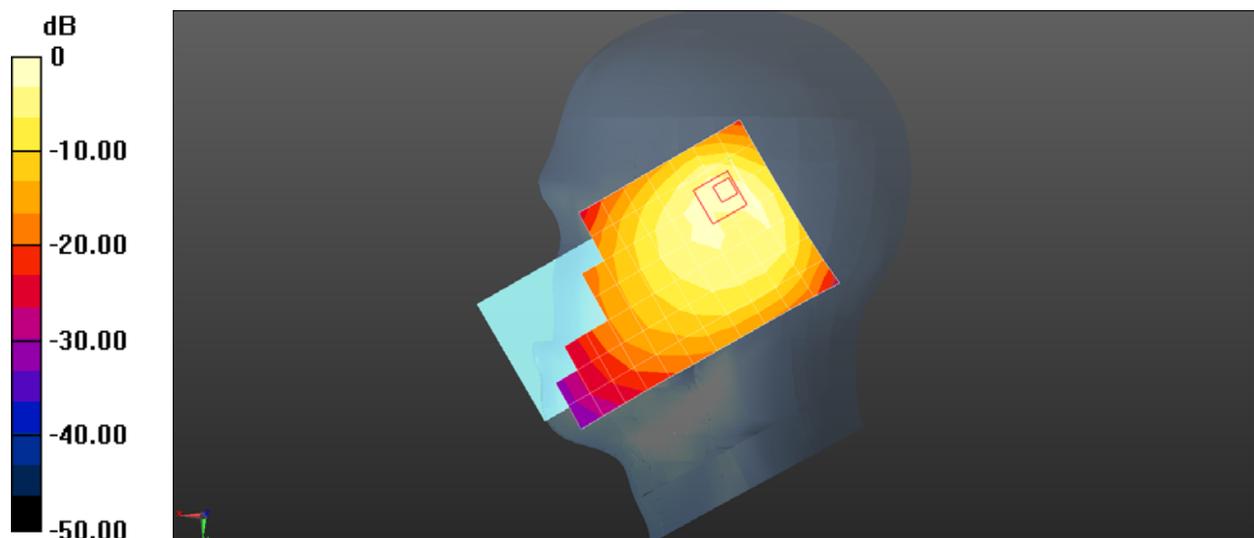
Reference Value = 22.26 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 1.75 W/kg

SAR(1 g) = 0.973 W/kg; SAR(10 g) = 0.595 W/kg

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.38 W/kg



0 dB = 1.40 W/kg = 1.46 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

LON-L29 LTE Band XXVI 15M QPSK 50%RB 18 offset 26965CH Back Side 15mm-Second Antenna

DUT: LON-L29; Type: Smart Phone; Serial: SAR3

Communication System: UID 0, LTE-FDD (SC-FDMA, 15MHz, QPSK/16-QAM) (0); Frequency: 841.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 841.5$ MHz; $\sigma = 1.011$ S/m; $\epsilon_r = 55.581$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN7381; ConvF(9.78, 9.78, 9.78); Calibrated: 2016/9/29;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn1492; Calibrated: 2016/9/28
- ε Phantom: SMA6; Type: QD000P40CD; Serial: TP:1892
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

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

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.273 W/kg

Configuration/Head/Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

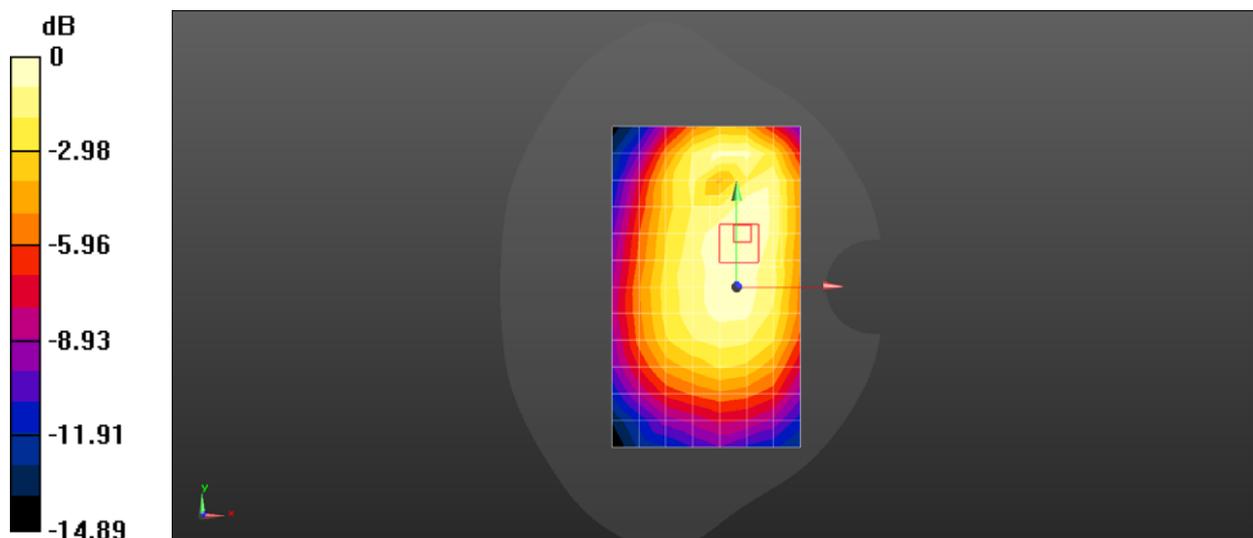
Reference Value = 13.46 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.285 W/kg

SAR(1 g) = 0.236 W/kg; SAR(10 g) = 0.184 W/kg

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.268 W/kg



0 dB = 0.273 W/kg = -5.65 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

LON-L29 LTE Band XXVI 15M QPSK 1RB 38 offset 26775CH Back Side 10mm-Second Antenna

DUT: LON-L29; Type: Smart Phone; Serial: SAR3

Communication System: UID 0, LTE-FDD (SC-FDMA, 15MHz, QPSK/16-QAM) (0); Frequency: 822.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 822.5$ MHz; $\sigma = 1.004$ S/m; $\epsilon_r = 55.623$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN7381; ConvF(9.78, 9.78, 9.78); Calibrated: 2016/9/29;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn1492; Calibrated: 2016/9/28
- ε Phantom: SMA6; Type: QD000P40CD; Serial: TP:1892
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

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

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.452 W/kg

Configuration/Head/Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

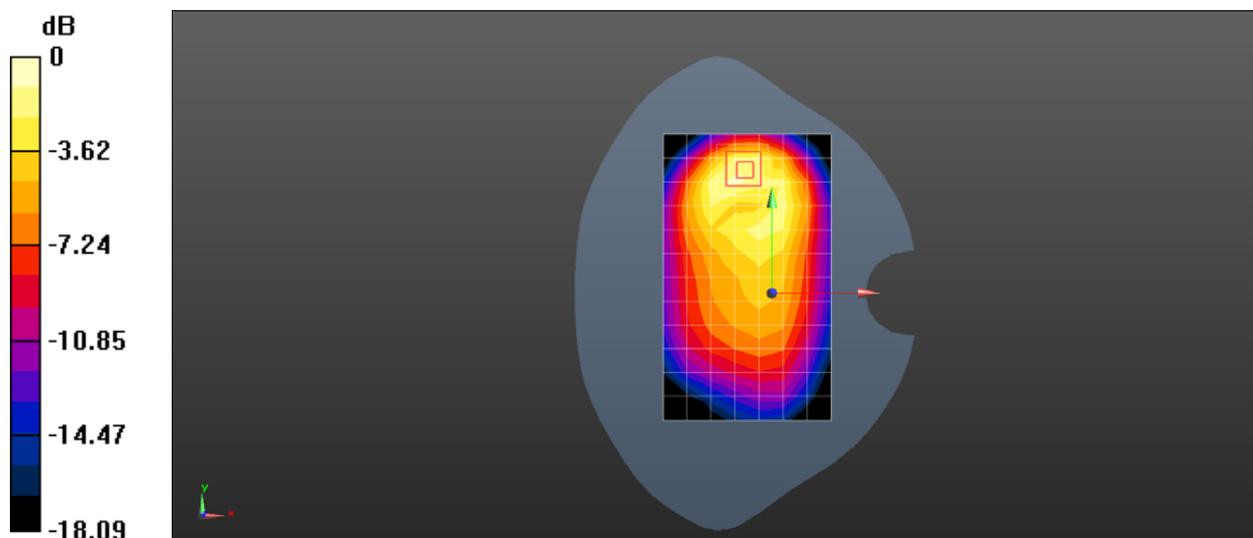
Reference Value = 11.34 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.497 W/kg

SAR(1 g) = 0.313 W/kg; SAR(10 g) = 0.189 W/kg

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.407 W/kg



0 dB = 0.452 W/kg = -3.45 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

LON-L29 LTE Band XLI 20M QPSK 50%RB 0 offset 41140CH Right touch -Second Antenna

DUT: LON-L29; Type: Smart Phone; Serial: SAR3

Communication System: UID 0, LTE-TDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 2645 MHz; Duty Cycle: 1:1.58855

Medium parameters used: $f = 2645$ MHz; $\sigma = 1.96$ S/m; $\epsilon_r = 39.857$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY Configuration:

- ε Probe: EX3DV4 - SN7381; ConvF(7.27, 7.27, 7.27); Calibrated: 2016/9/29;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 31.0
- ε Electronics: DAE4 Sn1492; Calibrated: 2016/9/28
- ε Phantom: SAM5; Type: QD000P40CD; Serial: TP:1894
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

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

Maximum value of SAR (measured) = 1.44 W/kg

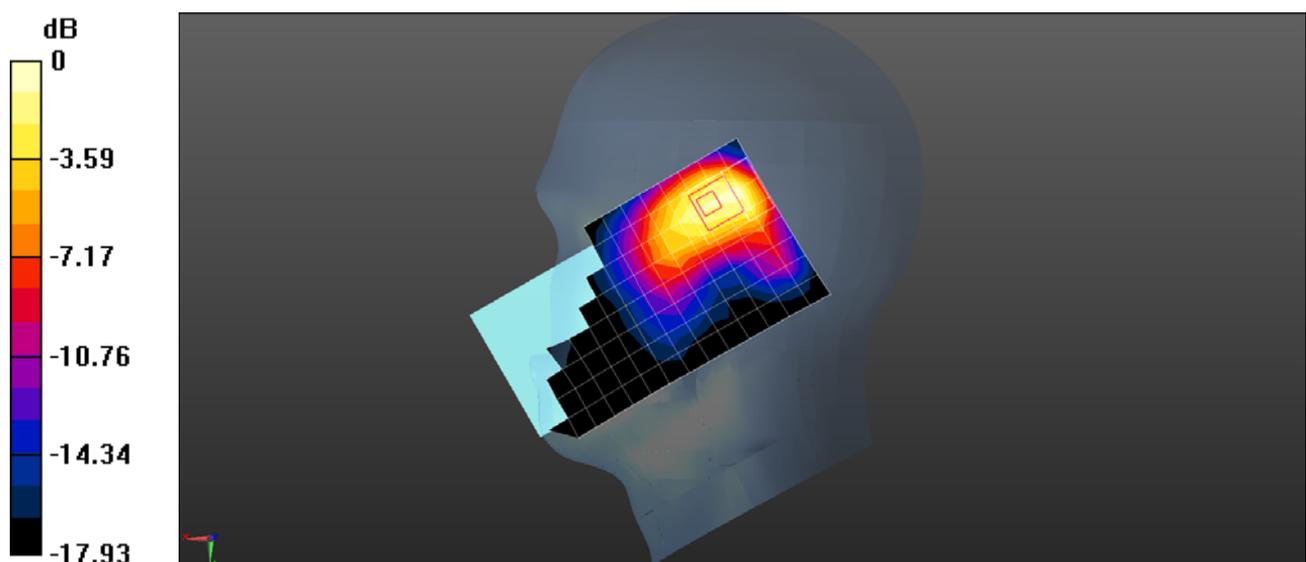
Configuration/Head/Zoom Scan (7x9x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.851 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.79 W/kg

SAR(1 g) = 0.959 W/kg; SAR(10 g) = 0.500 W/kg

Maximum value of SAR (measured) = 1.49 W/kg



0 dB = 1.49 W/kg = 1.73 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

LON-L29 LTE Band XLI 20M QPSK 1RB 99 offset 40740CH Front Side 15mm - Second Antenna

DUT: LON-L29; Type: Smart Phone; Serial: SAR3

Communication System: UID 0, LTE-TDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 2605 MHz; Duty Cycle: 1:1.58855

Medium parameters used: $f = 2605$ MHz; $\sigma = 2.204$ S/m; $\epsilon_r = 50.715$; $\rho = 1000$ kg/m³

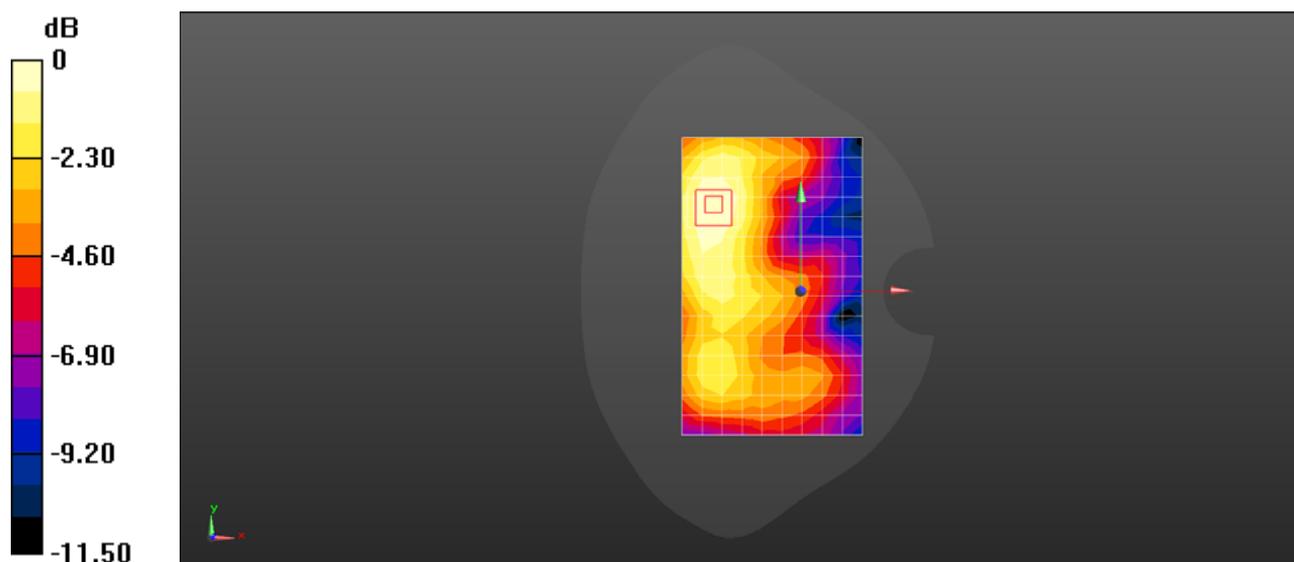
Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN7381; ConvF(7.19, 7.19, 7.19); Calibrated: 2016/9/29;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 31.0
- ε Electronics: DAE4 Sn1492; Calibrated: 2016/9/28
- ε Phantom: SMA6; Type: QD000P40CD; Serial: TP:1892
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

Configuration/Body/Area Scan (10x16x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.119 W/kg

Configuration/Body/Zoom Scan (7x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.436 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 0.137 W/kg
SAR(1 g) = 0.087 W/kg; SAR(10 g) = 0.057 W/kg



0 dB = 0.119 W/kg = -9.24 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

LON-L29 LTE Band XLI 20M QPSK 1RB 99 offset 40740CH Front Side 10mm - Second Antenna

DUT: LON-L29; Type: Smart Phone; Serial: SAR3

Communication System: UID 0, LTE-TDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 2605 MHz; Duty Cycle: 1:1.58855

Medium parameters used: $f = 2605$ MHz; $\sigma = 2.204$ S/m; $\epsilon_r = 50.715$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN7381; ConvF(7.19, 7.19, 7.19); Calibrated: 2016/9/29;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 31.0
- ε Electronics: DAE4 Sn1492; Calibrated: 2016/9/28
- ε Phantom: SMA6; Type: QD000P40CD; Serial: TP:1892
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

Configuration/Body/Area Scan (10x16x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.196 W/kg

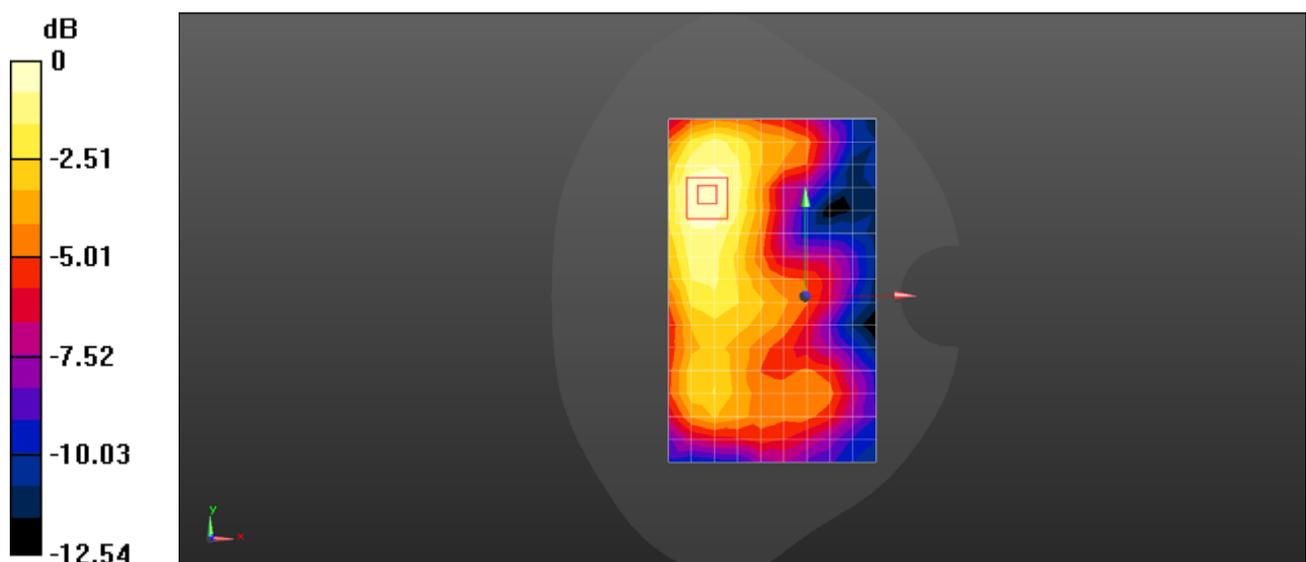
Configuration/Body/Zoom Scan (7x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.202 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.225 W/kg

SAR(1 g) = 0.141 W/kg; SAR(10 g) = 0.088 W/kg

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



0 dB = 0.196 W/kg = -7.07 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

LON-L29 GSM850 251CH Right touch -Main Antenna

DUT: LON-L29; Type: Smart Phone; Serial: SAR3

Communication System: UID 0, HW-GSM\GPRS\EGPRS-1TS (0); Frequency: 848.8 MHz; Duty Cycle: 1:8.30042

Medium parameters used: $f = 849$ MHz; $\sigma = 0.888$ S/m; $\epsilon_r = 41.181$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY Configuration:

- ε Probe: EX3DV4 - SN7381; ConvF(10.11, 10.11, 10.11); Calibrated: 2016/9/29;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn1492; Calibrated: 2016/9/28
- ε Phantom: SAM5; Type: QD000P40CD; Serial: TP:1894
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

Configuration/Head/Area Scan (8x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.310 W/kg

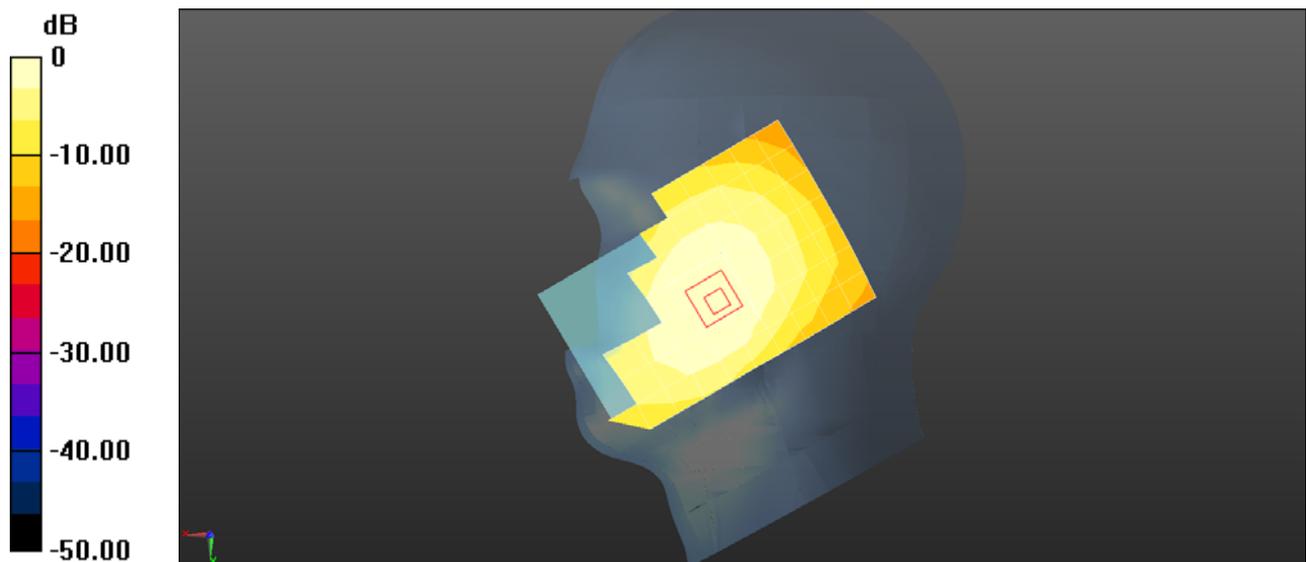
Configuration/Head/Zoom Scan (6x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 5.549 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.326 W/kg

SAR(1 g) = 0.283 W/kg; SAR(10 g) = 0.226 W/kg

Maximum value of SAR (measured) = 0.316 W/kg



0 dB = 0.310 W/kg = -5.08 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

LON-L29 GSM850 190CH Back Side 15mm -Main Antenna

DUT: LON-L29; Type: Smart Phone; Serial: SAR3

Communication System: UID 0, HW-GSM\GPRS\EGPRS-1TS (0); Frequency: 836.6 MHz; Duty Cycle: 1:8.30042

Medium parameters used: $f = 837$ MHz; $\sigma = 1.015$ S/m; $\epsilon_r = 55.468$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN7381; ConvF(9.78, 9.78, 9.78); Calibrated: 2016/9/29;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn1492; Calibrated: 2016/9/28
- ε Phantom: SMA6; Type: QD000P40CD; Serial: TP:1892
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

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

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

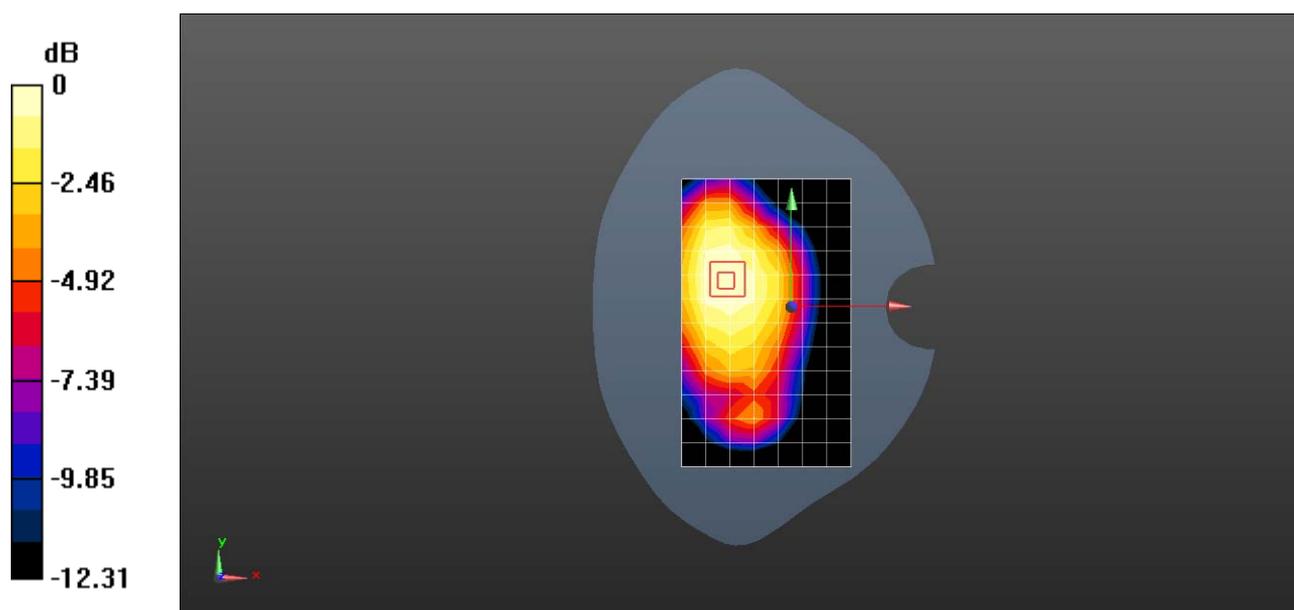
Configuration/Head/Zoom Scan (7x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 12.65 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.212 W/kg

SAR(1 g) = 0.174 W/kg; SAR(10 g) = 0.138 W/kg

Maximum value of SAR (measured) = 0.201 W/kg



0 dB = 0.207 W/kg = -6.84 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

LON-L29 GSM850 GPRS 2TS 190CH Right Side 10mm -Main Antenna

DUT: LON-L29; Type: Smart Phone; Serial: SAR3

Communication System: UID 0, HW-GSM\GPRS\EGPRS-2TS (0); Frequency: 836.6 MHz; Duty Cycle: 1:4.10015

Medium parameters used: $f = 837$ MHz; $\sigma = 1.015$ S/m; $\epsilon_r = 55.468$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN7381; ConvF(9.78, 9.78, 9.78); Calibrated: 2016/9/29;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn1492; Calibrated: 2016/9/28
- ε Phantom: SMA6; Type: QD000P40CD; Serial: TP:1892
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

Configuration/Head/Area Scan (5x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.343 W/kg

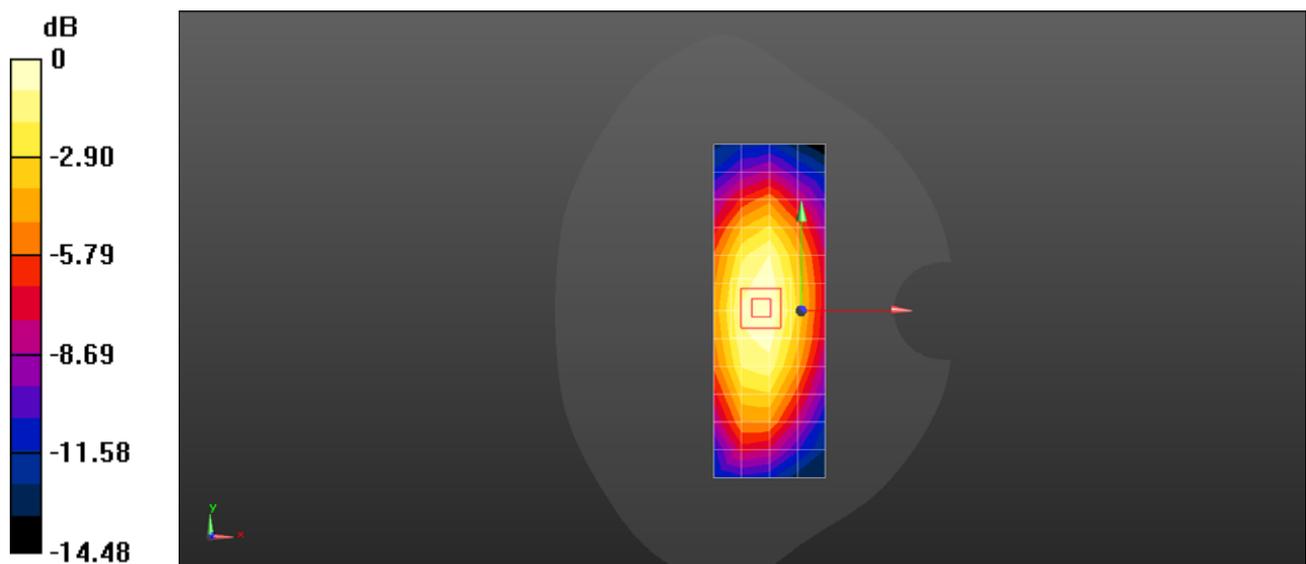
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 16.19 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.378 W/kg

SAR(1 g) = 0.277 W/kg; SAR(10 g) = 0.198 W/kg

Maximum value of SAR (measured) = 0.347 W/kg



0 dB = 0.343 W/kg = -4.64 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

LON-L29 GSM1900 512CH Left touch -Main Antenna

DUT: LON-L29; Type: Smart Phone; Serial: SAR3

Communication System: UID 0, HW-GSM\GPRS\EGPRS-1TS (0); Frequency: 1850.2 MHz; Duty Cycle: 1:8.30042

Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.373$ S/m; $\epsilon_r = 39.172$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY Configuration:

- ε Probe: EX3DV4 - SN7381; ConvF(8.35, 8.35, 8.35); Calibrated: 2016/9/29;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn1492; Calibrated: 2016/9/28
- ε Phantom: SAM5; Type: QD000P40CD; Serial: TP:1894
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

Configuration/Head/Area Scan (8x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.244 W/kg

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

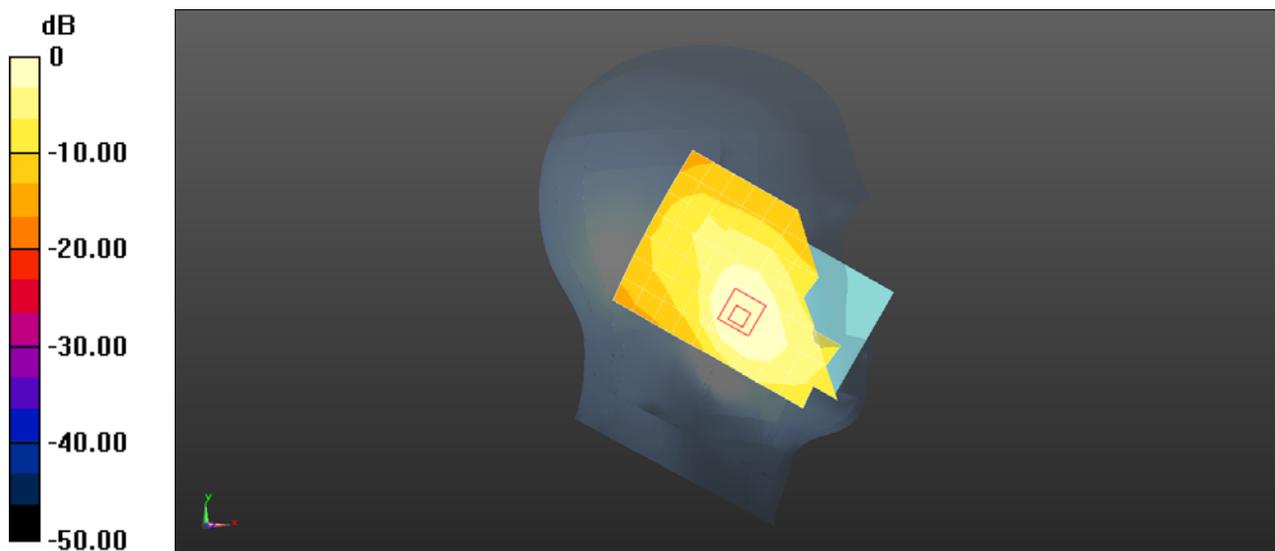
Reference Value = 3.990 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.254 W/kg

SAR(1 g) = 0.198 W/kg; SAR(10 g) = 0.139 W/kg

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.237 W/kg



0 dB = 0.244 W/kg = -6.12 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

LON-L29 GSM1900 661CH Back Side 15mm -Main Antenna

DUT: LON-L29; Type: Smart Phone; Serial: SAR3

Communication System: UID 0, HW-GSM\GPRS\EGPRS-1TS (0); Frequency: 1880 MHz; Duty Cycle: 1:8.30042

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.548$ S/m; $\epsilon_r = 52.881$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN7381; ConvF(7.95, 7.95, 7.95); Calibrated: 2016/9/29;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 31.0
- ε Electronics: DAE4 Sn1492; Calibrated: 2016/9/28
- ε Phantom: SMA6; Type: QD000P40CD; Serial: TP:1892
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

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

Maximum value of SAR (measured) = 0.122 W/kg

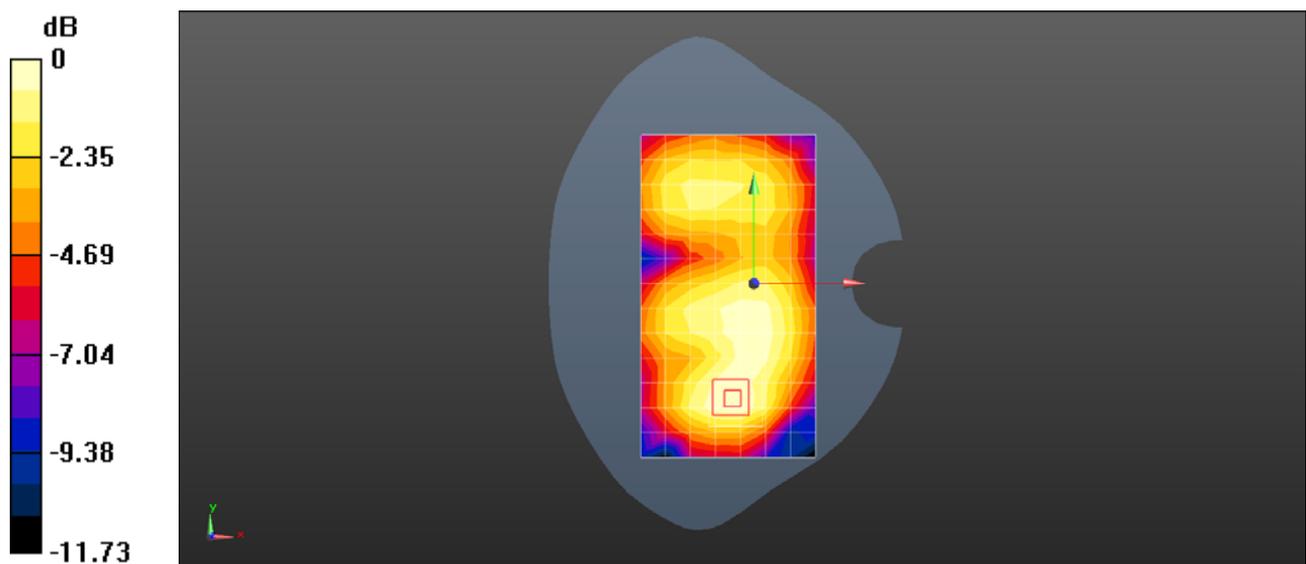
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.390 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.140 W/kg

SAR(1 g) = 0.099 W/kg; SAR(10 g) = 0.069 W/kg

Maximum value of SAR (measured) = 0.126 W/kg



0 dB = 0.122 W/kg = -9.13 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

LON-L29 GSM1900 GPRS 2TS 661CH Bottom Side 10mm -Main Antenna

DUT: LON-L29; Type: Smart Phone; Serial: SAR3

Communication System: UID 0, HW-GSM\GPRS\EGPRS-2TS (0); Frequency: 1880 MHz; Duty Cycle: 1:4.10015

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.548$ S/m; $\epsilon_r = 52.881$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN7381; ConvF(7.95, 7.95, 7.95); Calibrated: 2016/9/29;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn1492; Calibrated: 2016/9/28
- ε Phantom: SMA6; Type: QD000P40CD; Serial: TP:1892
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

Configuration/Head/Area Scan (5x9x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.264 W/kg

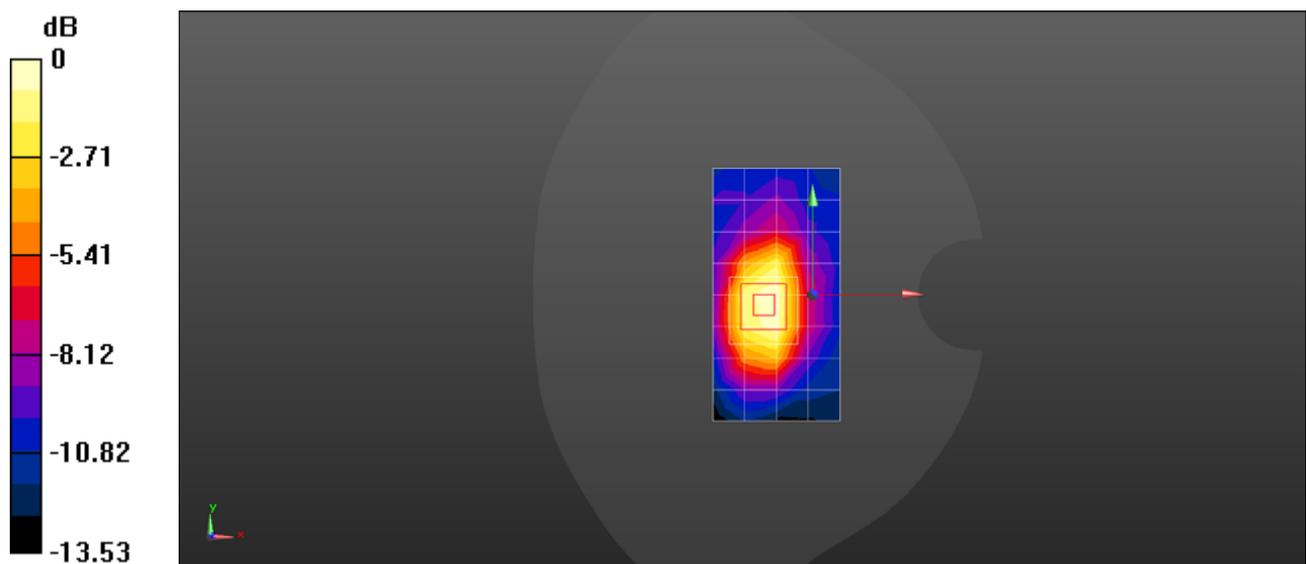
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 11.50 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.399 W/kg

SAR(1 g) = 0.243 W/kg; SAR(10 g) = 0.139 W/kg

Maximum value of SAR (measured) = 0.343 W/kg



0 dB = 0.264 W/kg = -5.78 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

LON-L29 UMTS Band II 9262CH Left touch -Main Antenna

DUT: LON-L29; Type: Smart Phone; Serial: SAR3

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

Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.375$ S/m; $\epsilon_r = 39.177$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY Configuration:

- ε Probe: EX3DV4 - SN7381; ConvF(8.35, 8.35, 8.35); Calibrated: 2016/9/29;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn1492; Calibrated: 2016/9/28
- ε Phantom: SAM5; Type: QD000P40CD; Serial: TP:1894
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

Configuration/Head/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

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

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

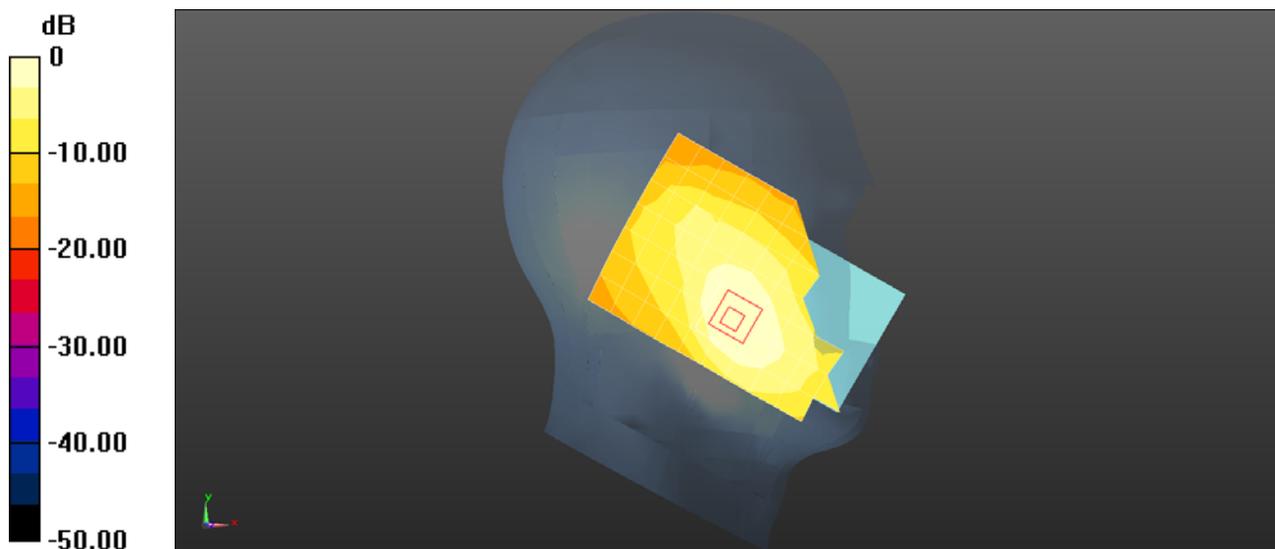
Reference Value = 5.131 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.390 W/kg

SAR(1 g) = 0.303 W/kg; SAR(10 g) = 0.210 W/kg

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.363 W/kg



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

Test Laboratory: HUAWEI SAR/HAC Lab

LON-L29 UMTS Band II 9400CH Back Side 15mm -Main Antenna

DUT: LON-L29; Type: Smart Phone; Serial: SAR3

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.548$ S/m; $\epsilon_r = 52.881$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN7381; ConvF(7.95, 7.95, 7.95); Calibrated: 2016/9/29;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn1492; Calibrated: 2016/9/28
- ε Phantom: SMA6; Type: QD000P40CD; Serial: TP:1892
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

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

Maximum value of SAR (measured) = 0.308 W/kg

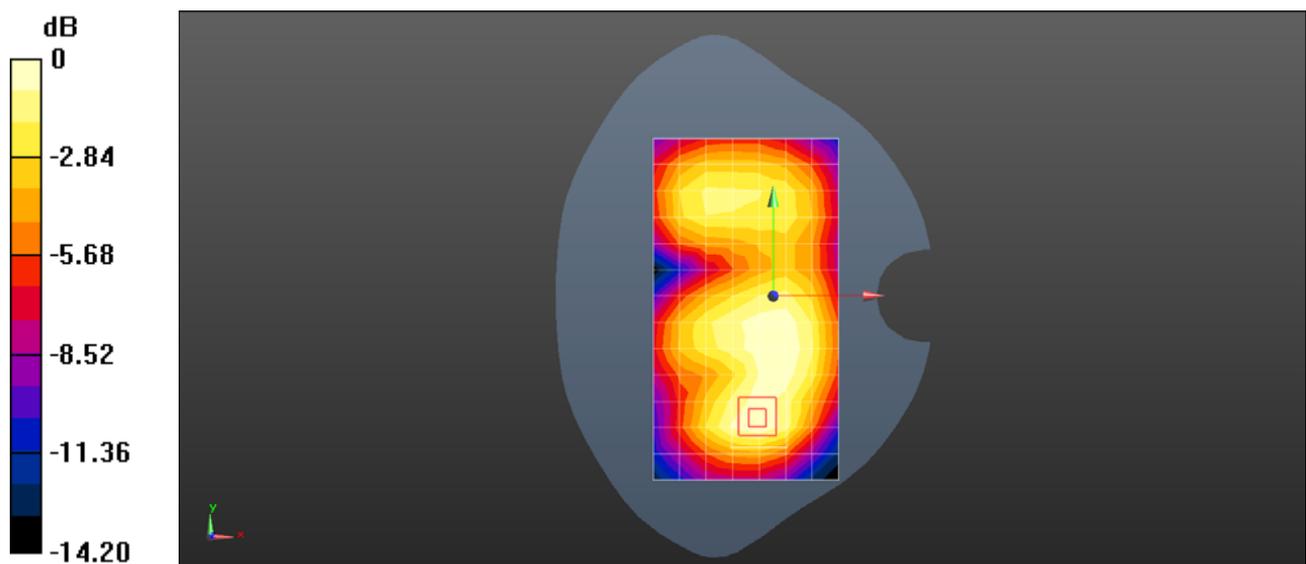
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 7.504 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.365 W/kg

SAR(1 g) = 0.250 W/kg; SAR(10 g) = 0.169 W/kg

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



0 dB = 0.308 W/kg = -5.11 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

LON-L29 UMTS Band II 9400CH Bottom Side 10mm -Main Antenna

DUT: LON-L29; Type: Smart Phone; Serial: SAR3

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.548$ S/m; $\epsilon_r = 52.881$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN7381; ConvF(7.95, 7.95, 7.95); Calibrated: 2016/9/29;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn1492; Calibrated: 2016/9/28
- ε Phantom: SMA6; Type: QD000P40CD; Serial: TP:1892
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

Configuration/Head/Area Scan (5x9x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.526 W/kg

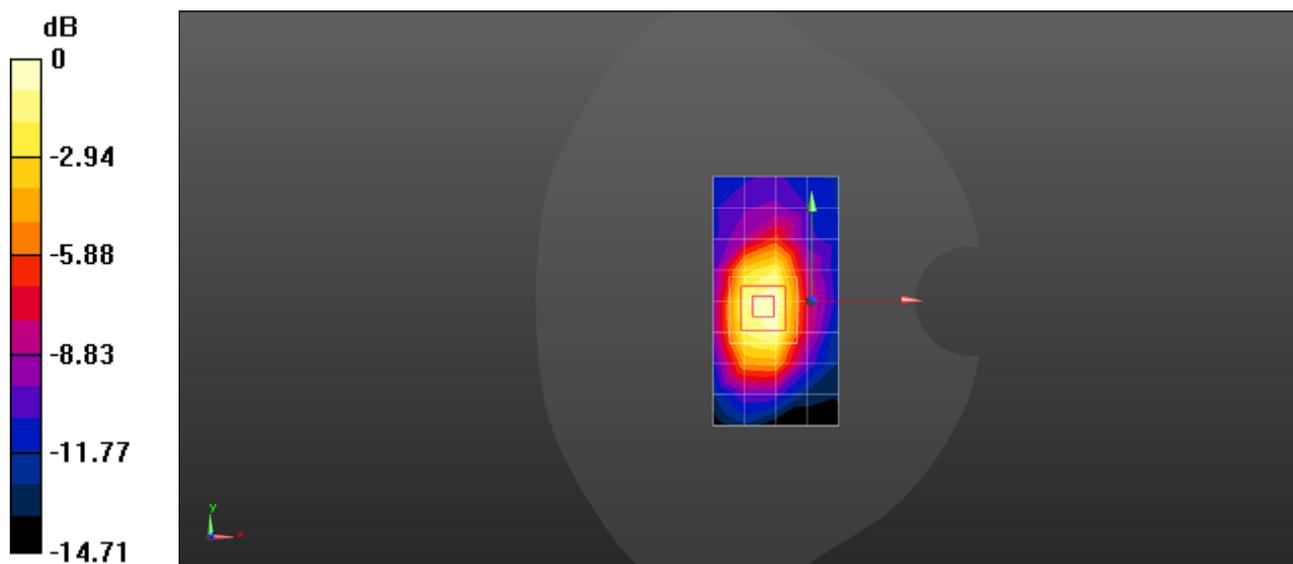
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 15.89 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.778 W/kg

SAR(1 g) = 0.475 W/kg; SAR(10 g) = 0.269 W/kg

Maximum value of SAR (measured) = 0.682 W/kg



0 dB = 0.526 W/kg = -2.79 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

LON-L29 UMTS Band IV 1513CH Left touch -Main Antenna

DUT: LON-L29; Type: Smart Phone; Serial: SAR3

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

Medium parameters used: $f = 1753$ MHz; $\sigma = 1.326$ S/m; $\epsilon_r = 39.136$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY Configuration:

- ε Probe: EX3DV4 - SN7381; ConvF(8.68, 8.68, 8.68); Calibrated: 2016/9/29;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn1492; Calibrated: 2016/9/28
- ε Phantom: SAM5; Type: QD000P40CD; Serial: TP:1894
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

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

Maximum value of SAR (measured) = 0.424 W/kg

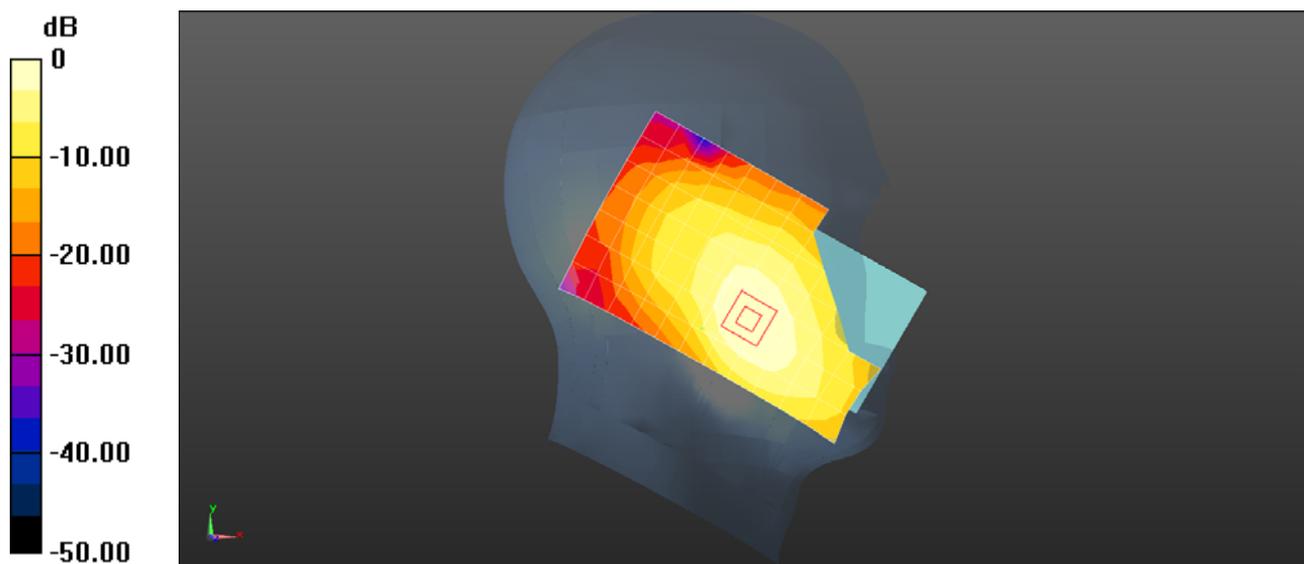
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 6.059 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.446 W/kg

SAR(1 g) = 0.348 W/kg; SAR(10 g) = 0.242 W/kg

Maximum value of SAR (measured) = 0.417 W/kg



0 dB = 0.424 W/kg = -3.73 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

LON-L29 UMTS Band IV 1413CH Back Side 15mm -Main Antenna

DUT: LON-L29; Type: Smart Phone; Serial: SAR3

Communication System: UID 0, HW-UMTS-FDD(WCDMA) (0); Frequency: 1732.6 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1733$ MHz; $\sigma = 1.491$ S/m; $\epsilon_r = 53.852$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN7381; ConvF(8.08, 8.08, 8.08); Calibrated: 2016/9/29;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -19.0, 31.0$
- ε Electronics: DAE4 Sn1492; Calibrated: 2016/9/28
- ε Phantom: SMA6; Type: QD000P40CD; Serial: TP:1892
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

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

Maximum value of SAR (measured) = 0.428 W/kg

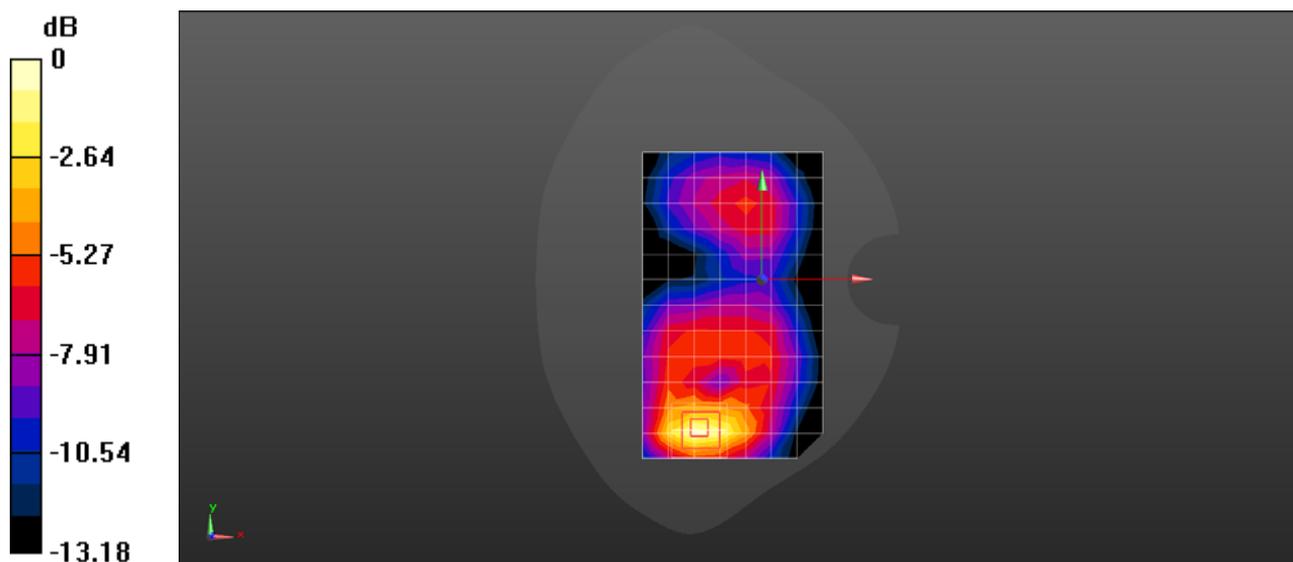
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 4.698 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.556 W/kg

SAR(1 g) = 0.359 W/kg; SAR(10 g) = 0.207 W/kg

Maximum value of SAR (measured) = 0.457 W/kg



0 dB = 0.457 W/kg = -3.40 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

LON-L29 UMTS Band IV 1312CH Bottom Side 10mm -Main Antenna

DUT: LON-L29; Type: Smart Phone; Serial: SAR3

Communication System: UID 0, HW-UMTS-FDD(WCDMA) (0); Frequency: 1712.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1712.4$ MHz; $\sigma = 1.478$ S/m; $\epsilon_r = 53.856$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN7381; ConvF(8.08, 8.08, 8.08); Calibrated: 2016/9/29;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn1492; Calibrated: 2016/9/28
- ε Phantom: SAM6; Type: QD 000 P40 CD; Serial: 1892
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

Configuration/Body/Area Scan (5x9x1): Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.712 W/kg

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

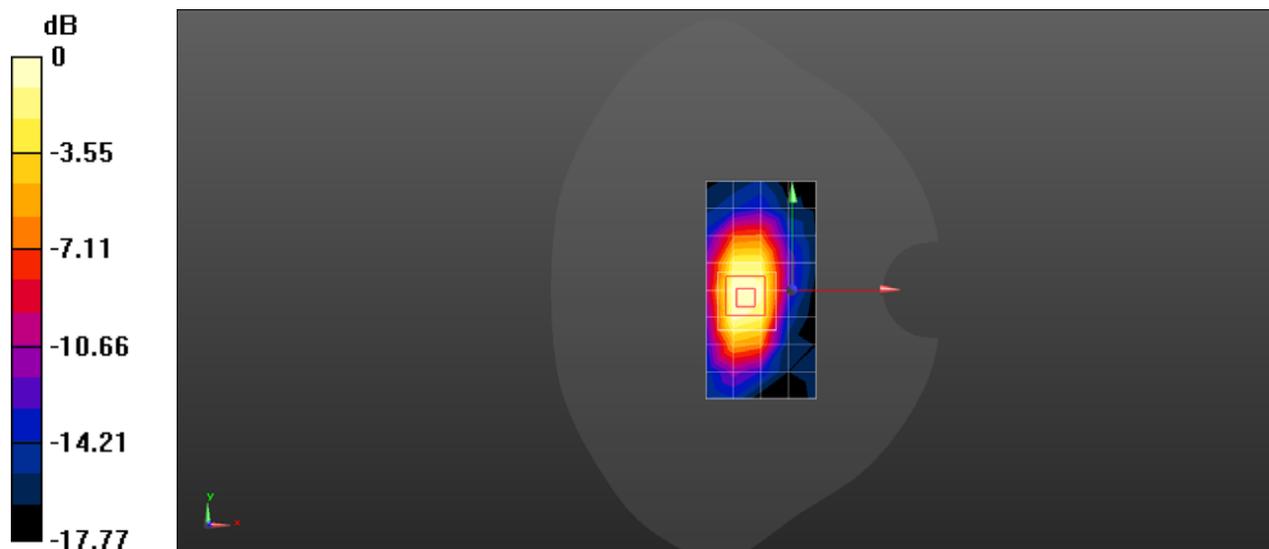
Reference Value = 18.06 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.15 W/kg

SAR(1 g) = 0.716 W/kg; SAR(10 g) = 0.400 W/kg

[Info: Interpolated medium parameters used for SAR evaluation.](#)

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



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

Test Laboratory: HUAWEI SAR/HAC Lab

LON-L29 UMTS Band IV 1413CH Back Side 0mm -Main Antenna

DUT: LON-L29; Type: Smart Phone; Serial: SAR3

Communication System: UID 0, HW-UMTS-FDD(WCDMA) (0); Frequency: 1732.6 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1733$ MHz; $\sigma = 1.491$ S/m; $\epsilon_r = 53.852$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN7381; ConvF(8.08, 8.08, 8.08); Calibrated: 2016/9/29;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -19.0, 31.0$
- ε Electronics: DAE4 Sn1492; Calibrated: 2016/9/28
- ε Phantom: SMA6; Type: QD000P40CD; Serial: TP:1892
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

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

Maximum value of SAR (measured) = 5.75 W/kg

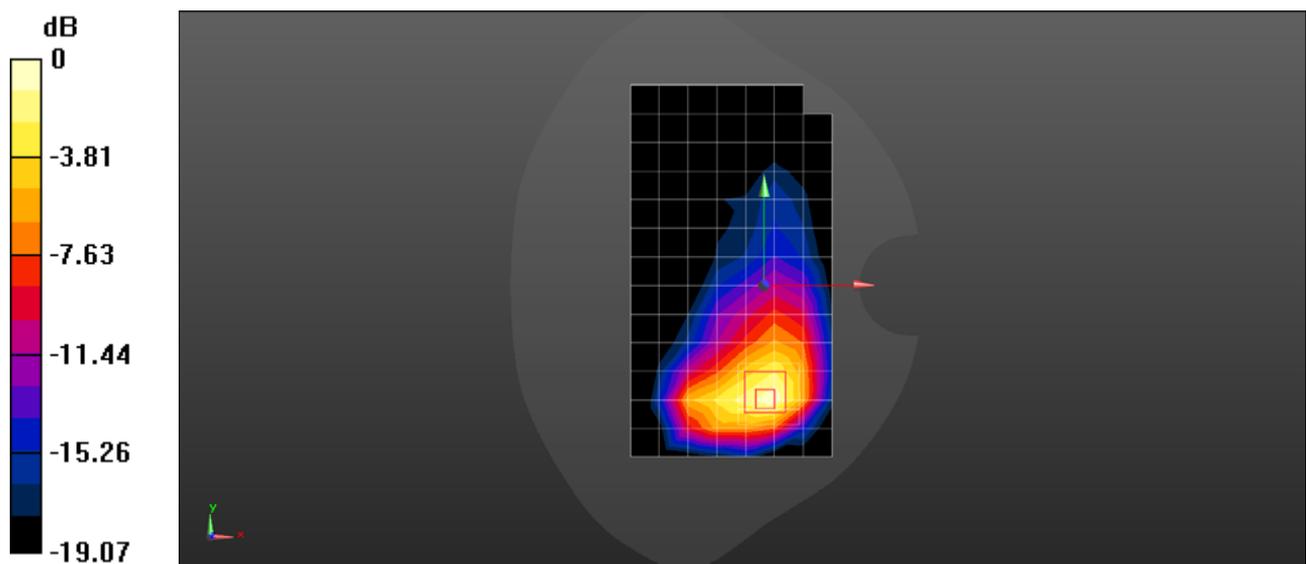
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 11.04 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 8.07 W/kg

SAR(1 g) = 3.94 W/kg; SAR(10 g) = 2.13 W/kg

Maximum value of SAR (measured) = 5.83 W/kg



0 dB = 5.83 W/kg = 7.66 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

LON-L29 UMTS Band V 4233CH Right touch -Main Antenna

DUT: LON-L29; Type: Smart Phone; Serial: SAR3

Communication System: UID 0, HW-UMTS-FDD(WCDMA) (0); Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 847$ MHz; $\sigma = 0.888$ S/m; $\epsilon_r = 41.18$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY Configuration:

- ε Probe: EX3DV4 - SN7381; ConvF(10.11, 10.11, 10.11); Calibrated: 2016/9/29;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn1492; Calibrated: 2016/9/28
- ε Phantom: SAM5; Type: QD000P40CD; Serial: TP:1894
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

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

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

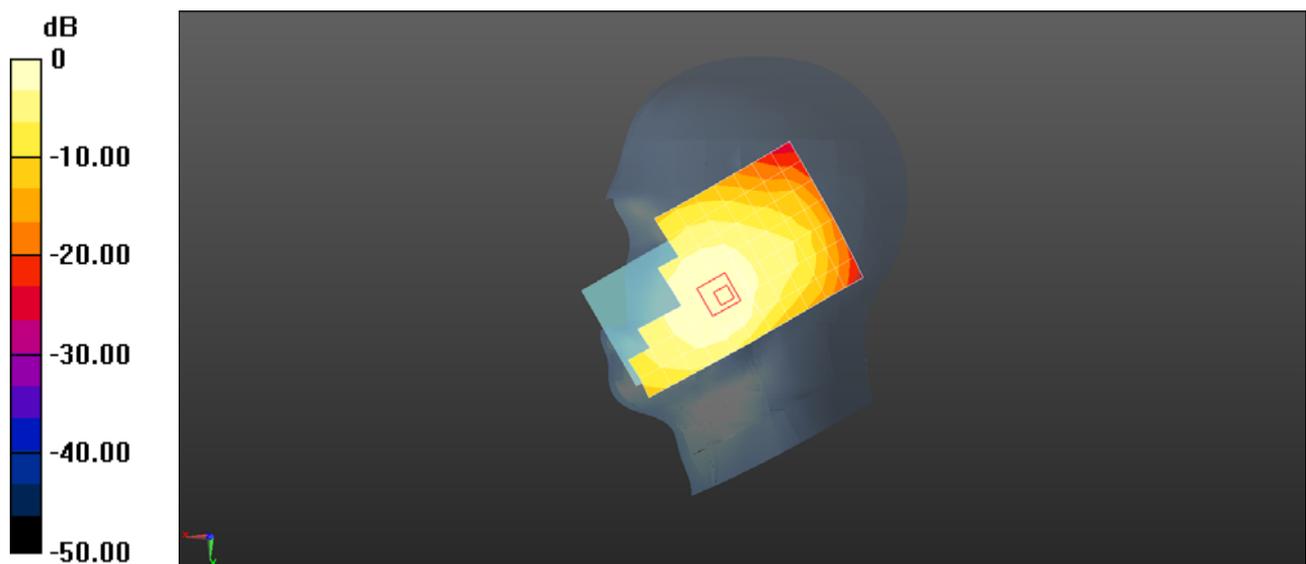
Configuration/Head/Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 6.698 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.344 W/kg

SAR(1 g) = 0.299 W/kg; SAR(10 g) = 0.238 W/kg

Maximum value of SAR (measured) = 0.334 W/kg



0 dB = 0.337 W/kg = -4.73 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

LON-L29 UMTS Band V 4182CH Back Side 15mm -Main Antenna

DUT: LON-L29; Type: Smart Phone; Serial: SAR3

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

Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 1.015$ S/m; $\epsilon_r = 55.47$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN7381; ConvF(9.78, 9.78, 9.78); Calibrated: 2016/9/29;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -19.0, 31.0$
- ε Electronics: DAE4 Sn1492; Calibrated: 2016/9/28
- ε Phantom: SMA6; Type: QD000P40CD; Serial: TP:1892
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

Configuration/Head/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

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

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

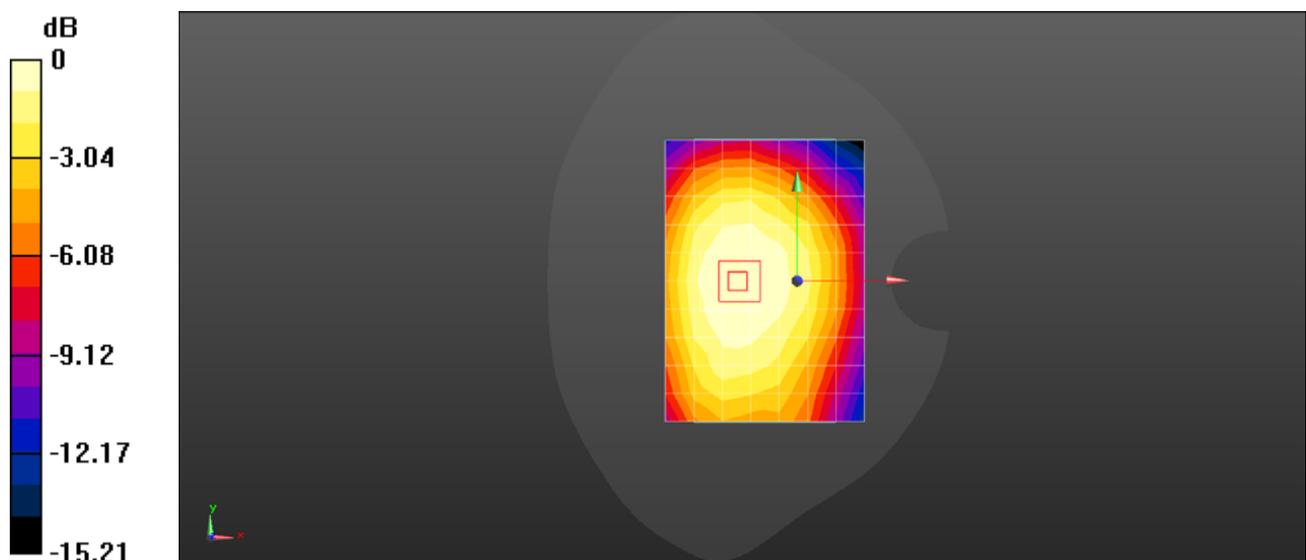
Reference Value = 19.13 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.496 W/kg

SAR(1 g) = 0.403 W/kg; SAR(10 g) = 0.316 W/kg

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.468 W/kg



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

Test Laboratory: HUAWEI SAR/HAC Lab

LON-L29 UMTS Band V 4182CH Right Side 10mm -Main Antenna

DUT: LON-L29; Type: Smart Phone; Serial: SAR3

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

Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 1.015$ S/m; $\epsilon_r = 55.47$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN7381; ConvF(9.78, 9.78, 9.78); Calibrated: 2016/9/29;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn1492; Calibrated: 2016/9/28
- ε Phantom: SMA6; Type: QD000P40CD; Serial: TP:1892
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

Configuration/Head/Area Scan (5x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.539 W/kg

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

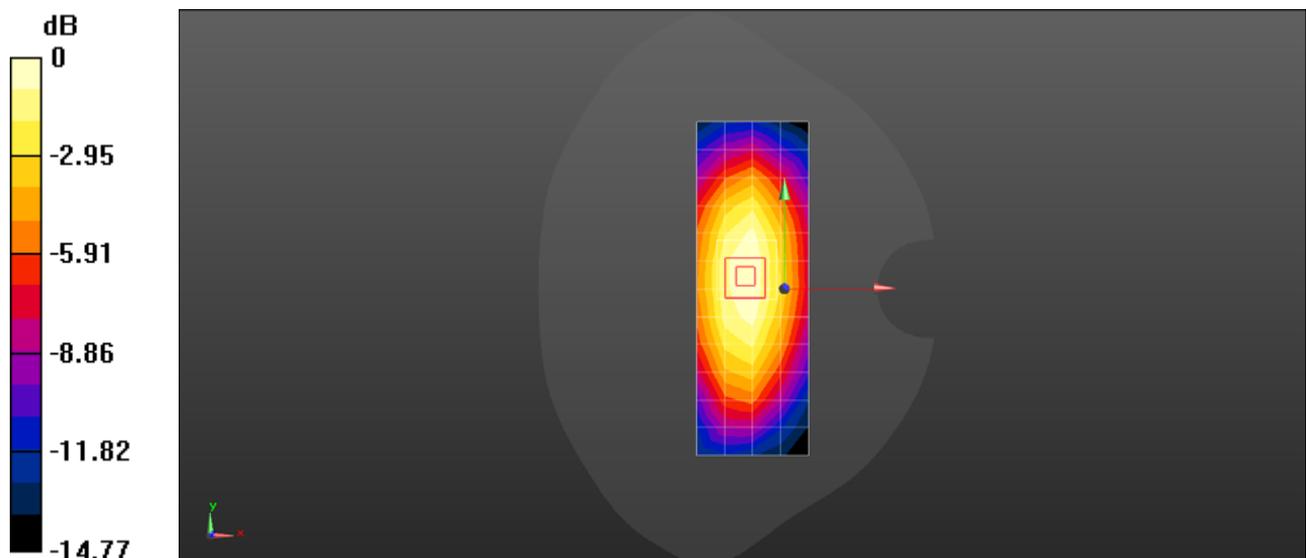
Reference Value = 20.39 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.594 W/kg

SAR(1 g) = 0.434 W/kg; SAR(10 g) = 0.308 W/kg

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.544 W/kg



0 dB = 0.539 W/kg = -2.68 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

LON-L29 LTE Band II 20M QPSK 1RB 50 offset 18900CH Left touch with SIM2 - Main Antenna

DUT: LON-L29; Type: Smart Phone; Serial: SAR3

Communication System: UID 0, LTE-FDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.398$ S/m; $\epsilon_r = 39.291$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY Configuration:

- ε Probe: EX3DV4 - SN7381; ConvF(8.35, 8.35, 8.35); Calibrated: 2016/9/29;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn1492; Calibrated: 2016/9/28
- ε Phantom: SAM5; Type: QD000P40CD; Serial: TP:1894
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

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

Maximum value of SAR (measured) = 0.671 W/kg

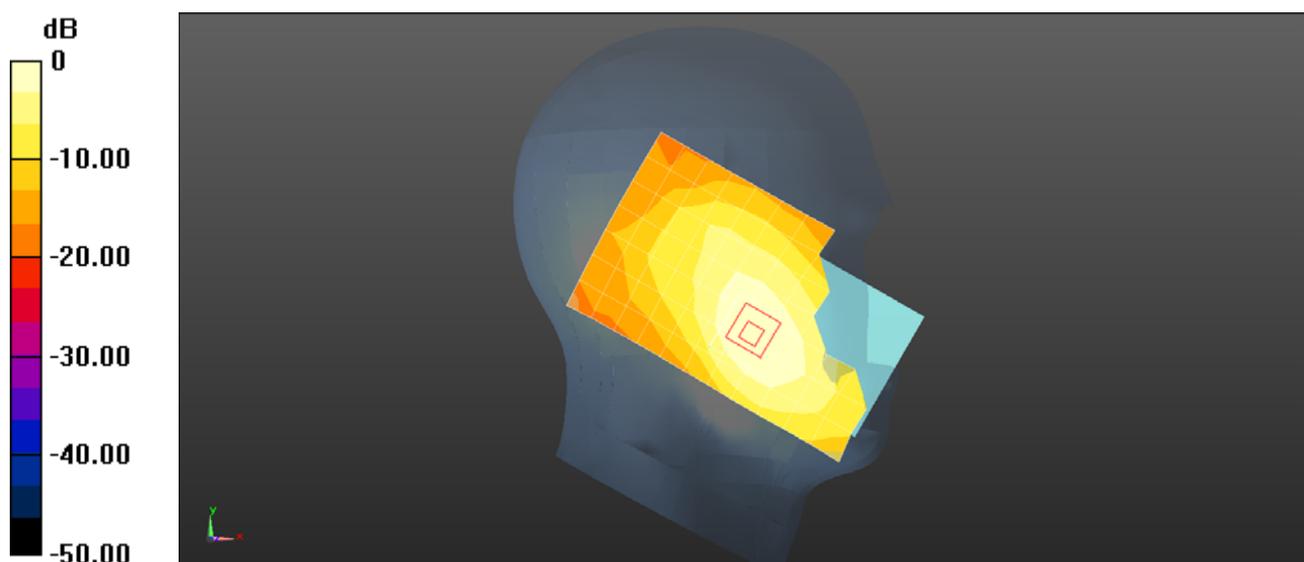
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 6.832 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.713 W/kg

SAR(1 g) = 0.547 W/kg; SAR(10 g) = 0.377 W/kg

Maximum value of SAR (measured) = 0.664 W/kg



0 dB = 0.671 W/kg = -1.73 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

LON-L29 LTE Band II 20M QPSK 1RB 50 offset 19100CH Back Side 15mm -Main Antenna

DUT: LON-L29; Type: Smart Phone; Serial: SAR3

Communication System: UID 0, LTE-FDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 1900 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.562$ S/m; $\epsilon_r = 52.839$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN7381; ConvF(7.95, 7.95, 7.95); Calibrated: 2016/9/29;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn1492; Calibrated: 2016/9/28
- ε Phantom: SMA6; Type: QD000P40CD; Serial: TP:1892
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

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

Maximum value of SAR (measured) = 0.395 W/kg

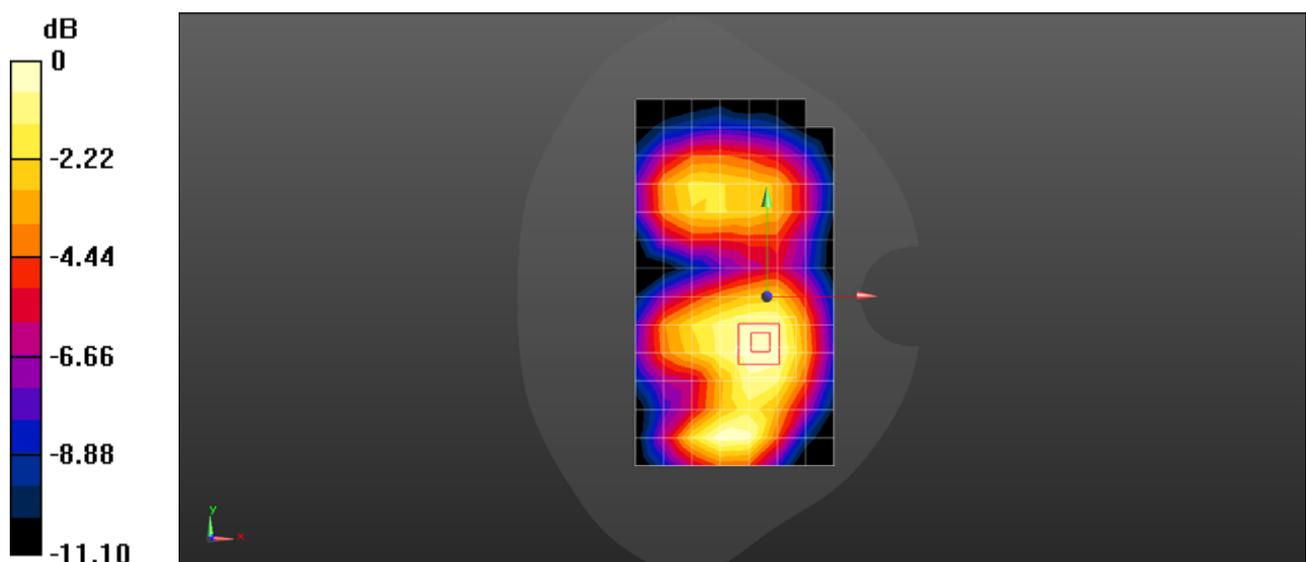
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 9.847 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.457 W/kg

SAR(1 g) = 0.320 W/kg; SAR(10 g) = 0.219 W/kg

Maximum value of SAR (measured) = 0.409 W/kg



0 dB = 0.409 W/kg = -3.88 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

LON-L29 LTE Band II 20M QPSK 50%RB 25 offset 19100CH Back Side 10mm with Battery2 -Main Antenna

DUT: LON-L29; Type: Smart Phone; Serial: SAR3

Communication System: UID 0, LTE-FDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 1900 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.562$ S/m; $\epsilon_r = 52.839$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN7381; ConvF(7.95, 7.95, 7.95); Calibrated: 2016/9/29;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 31.0
- ε Electronics: DAE4 Sn1492; Calibrated: 2016/9/28
- ε Phantom: SMA6; Type: QD000P40CD; Serial: TP:1892
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

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

Maximum value of SAR (measured) = 0.807 W/kg

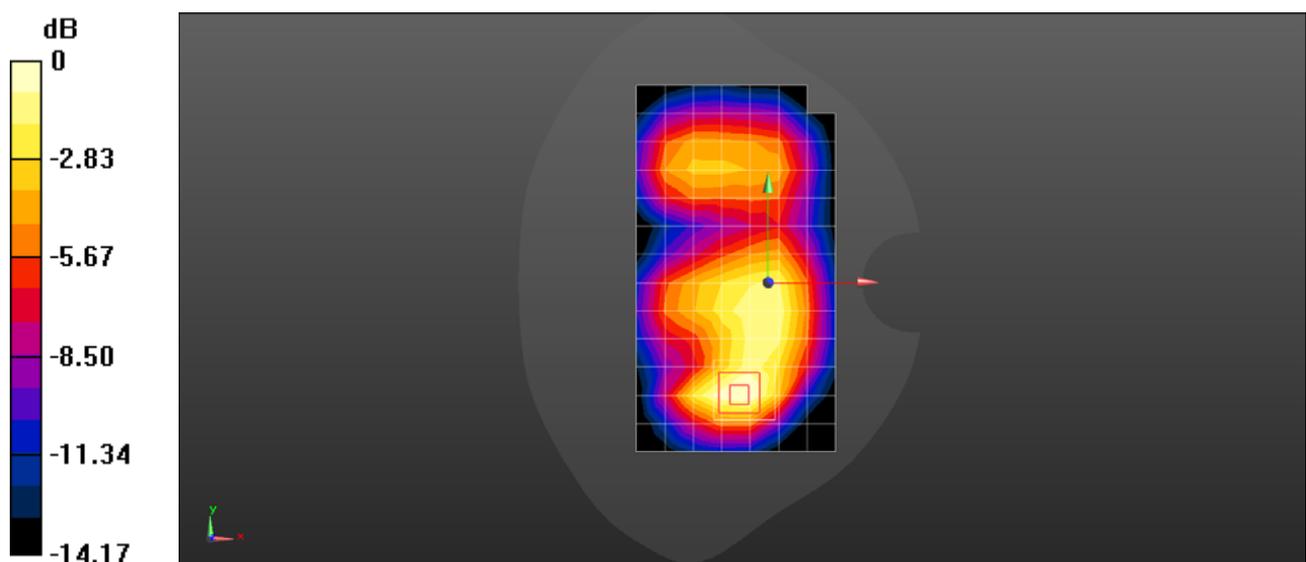
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.96 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.922 W/kg

SAR(1 g) = 0.561 W/kg; SAR(10 g) = 0.325 W/kg

Maximum value of SAR (measured) = 0.770 W/kg



0 dB = 0.770 W/kg = -1.13 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

LON LTE Band IV 20M QPSK 1RB 50 offset 20030CH Left touch with Battery2 - Main Antenna

DUT: LON-L29; Type: Smart Phone; Serial: SAR3

Communication System: UID 0, LTE-FDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 1745 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1745$ MHz; $\sigma = 1.324$ S/m; $\epsilon_r = 39.133$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY Configuration:

- ε Probe: EX3DV4 - SN7381; ConvF(8.68, 8.68, 8.68); Calibrated: 2016/9/29;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn1492; Calibrated: 2016/9/28
- ε Phantom: SAM5; Type: QD000P40CD; Serial: TP:1894
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

Configuration/Head/Area Scan (9x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 0.486 W/kg

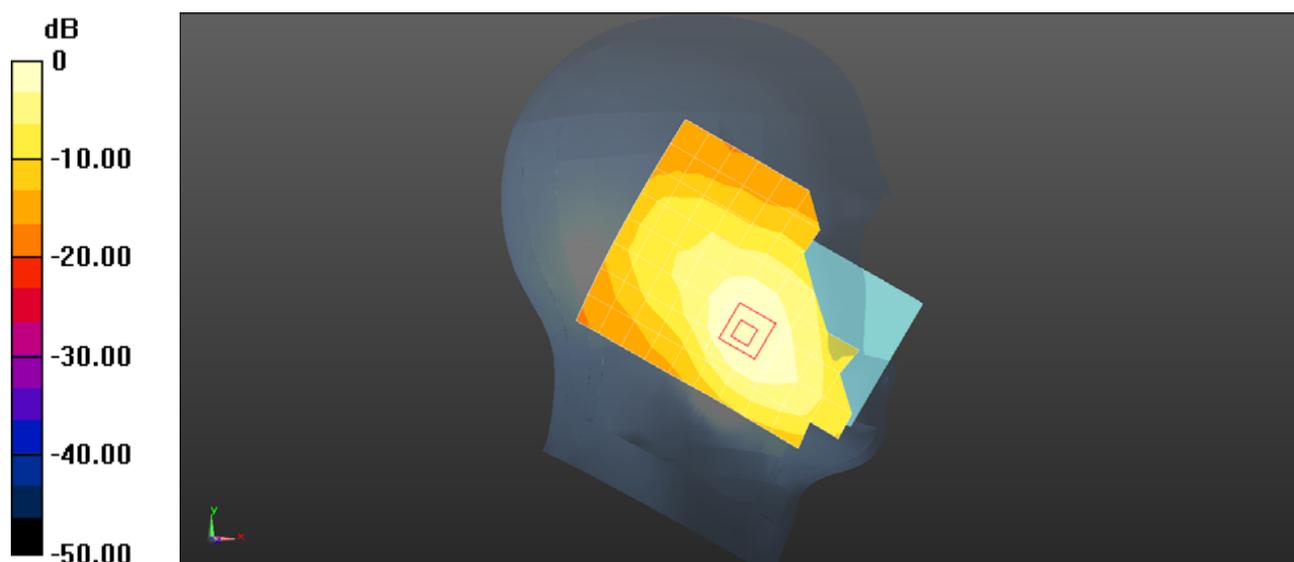
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 6.393 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.514 W/kg

SAR(1 g) = 0.406 W/kg; SAR(10 g) = 0.286 W/kg

Maximum value of SAR (measured) = 0.483 W/kg



0 dB = 0.486 W/kg = -3.13 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

LON-L29 LTE Band IV 20M QPSK 1RB 50 offset 20175CH Back Side 15mm -Main Antenna

DUT: LON-L29; Type: Smart Phone; Serial: SAR3

Communication System: UID 0, LTE-FDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1732.5$ MHz; $\sigma = 1.491$ S/m; $\epsilon_r = 53.854$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN7381; ConvF(8.08, 8.08, 8.08); Calibrated: 2016/9/29;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn1492; Calibrated: 2016/9/28
- ε Phantom: SMA6; Type: QD000P40CD; Serial: TP:1892
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

Configuration/Head/Area Scan (8x15x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.723 W/kg

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

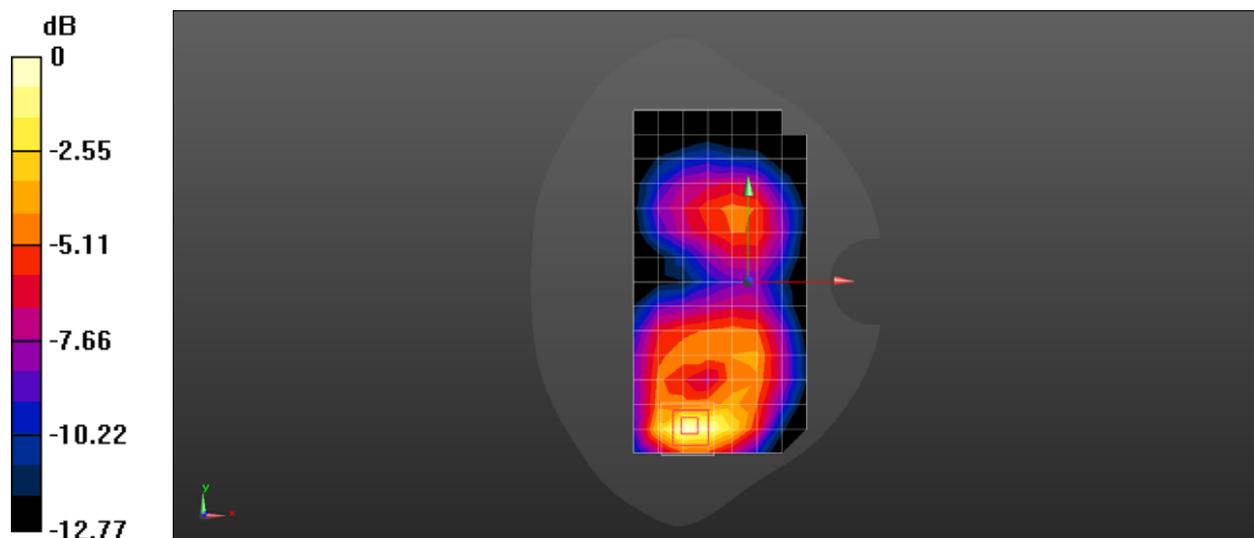
Reference Value = 6.600 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.889 W/kg

SAR(1 g) = 0.572 W/kg; SAR(10 g) = 0.332 W/kg

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.726 W/kg



0 dB = 0.726 W/kg = -1.39 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

LON-L29 LTE Band IV 20M QPSK 1RB 50 offset 20175CH Bottom Side 10mm -Main Antenna

DUT: LON-L29; Type: Smart Phone; Serial: SAR3

Communication System: UID 0, LTE-FDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1732.5$ MHz; $\sigma = 1.491$ S/m; $\epsilon_r = 53.854$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN7381; ConvF(8.08, 8.08, 8.08); Calibrated: 2016/9/29;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn1492; Calibrated: 2016/9/28
- ε Phantom: SMA6; Type: QD000P40CD; Serial: TP:1892
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

Configuration/Head/Area Scan (5x9x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.06 W/kg

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

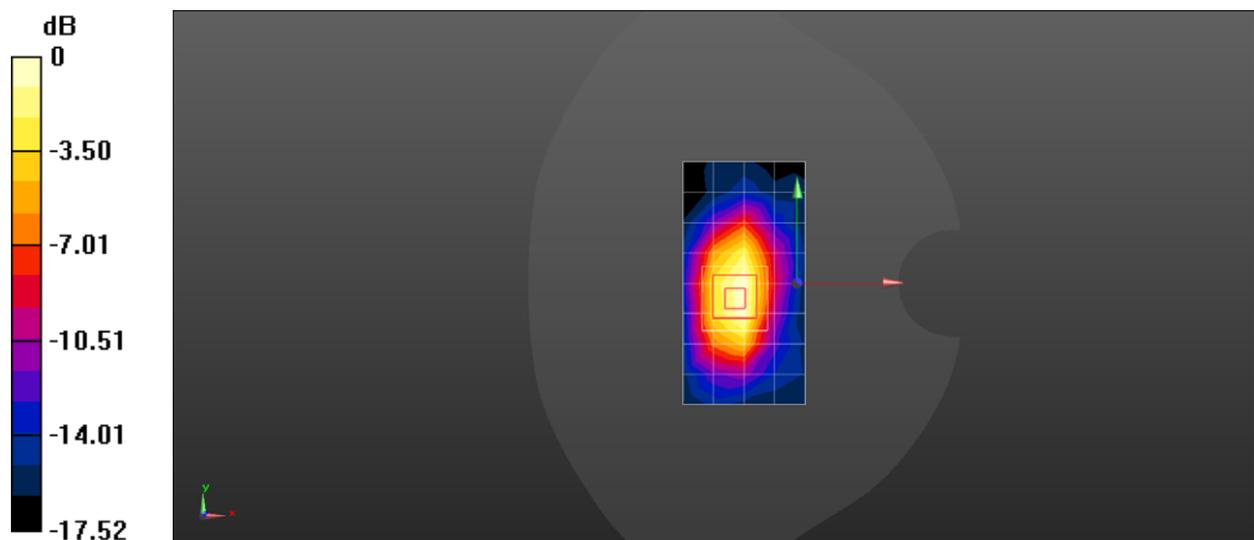
Reference Value = 15.18 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.40 W/kg

SAR(1 g) = 0.876 W/kg; SAR(10 g) = 0.490 W/kg

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.23 W/kg



0 dB = 1.06 W/kg = 0.26 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

LON-L29 LTE Band IV 20M QPSK 1RB 50 offset 20300CH Back Side 0mm-Main Antenna

DUT: LON-L29; Type: Smart Phone; Serial: SAR3

Communication System: UID 0, LTE-FDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 1745 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1745$ MHz; $\sigma = 1.509$ S/m; $\epsilon_r = 54.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN7381; ConvF(8.08, 8.08, 8.08); Calibrated: 2016/9/29;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn1492; Calibrated: 2016/9/28
- ε Phantom: SMA6; Type: QD000P40CD; Serial: TP:1892
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

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

Maximum value of SAR (measured) = 8.25 W/kg

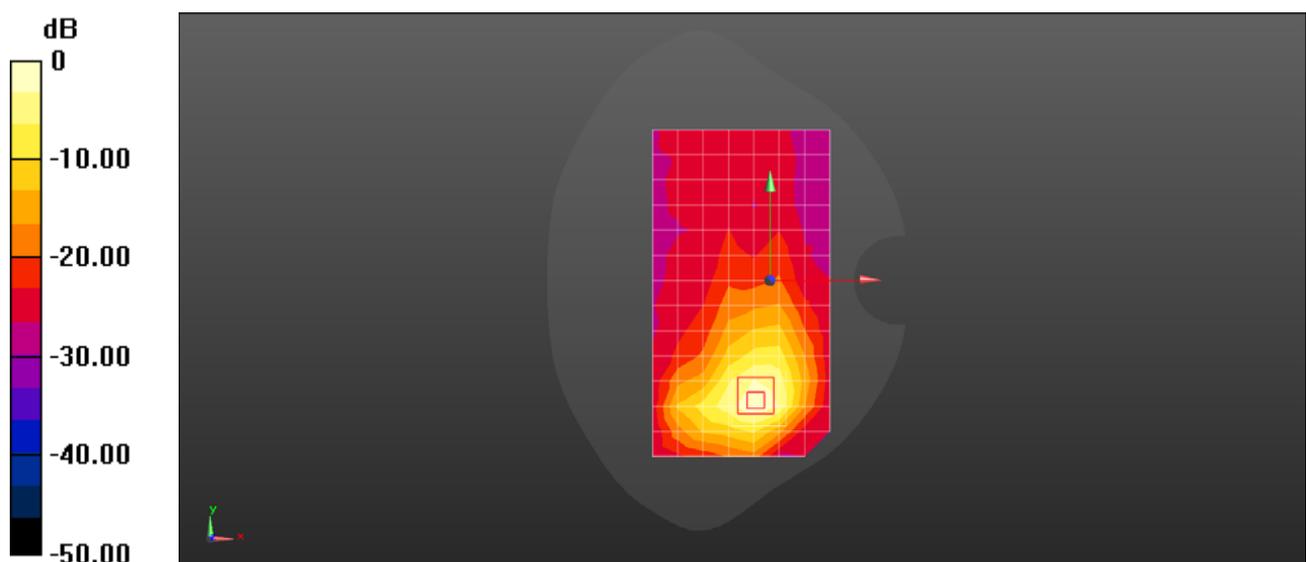
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 5.609 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 11.2 W/kg

SAR(1 g) = 5.37 W/kg; SAR(10 g) = 2.68 W/kg

Maximum value of SAR (measured) = 8.33 W/kg



0 dB = 8.25 W/kg = 9.16 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

LON-L29 LTE Band V 10M QPSK 1RB 25 offset 20525CH Right touch -Main Antenna

DUT: LON-L29; Type: Smart Phone; Serial: SAR3

Communication System: UID 0, LTE-FDD (SC-FDMA, 10MHz, QPSK/16-QAM) (0); Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.883$ S/m; $\epsilon_r = 41.198$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY Configuration:

- ε Probe: EX3DV4 - SN7381; ConvF(10.11, 10.11, 10.11); Calibrated: 2016/9/29;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn1492; Calibrated: 2016/9/28
- ε Phantom: SAM5; Type: QD000P40CD; Serial: TP:1894
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

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

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.249 W/kg

Configuration/Head/Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

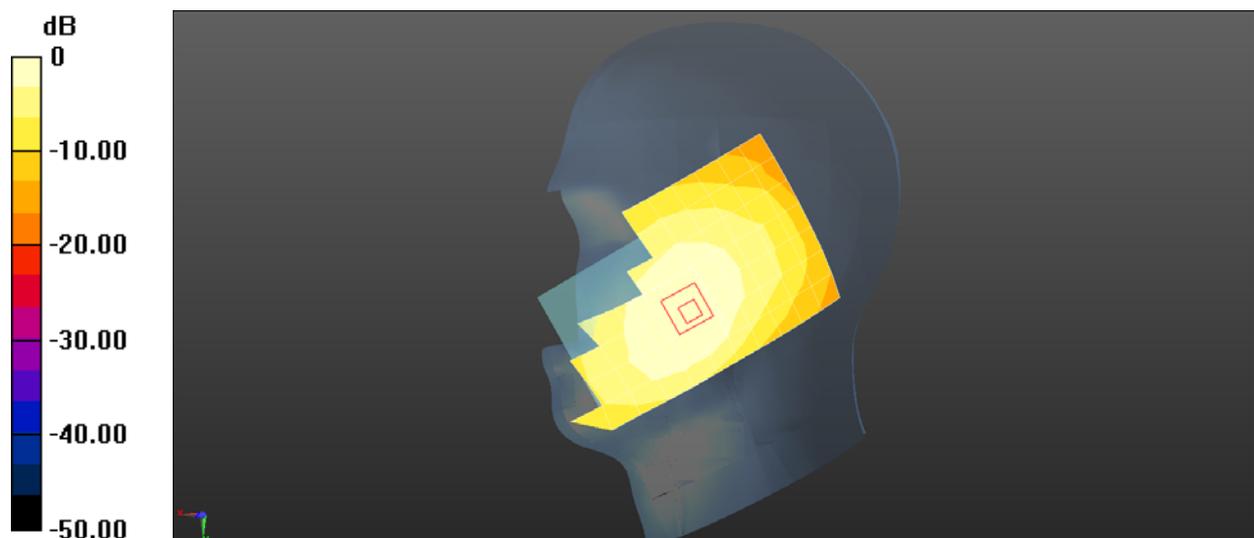
Reference Value = 6.375 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.260 W/kg

SAR(1 g) = 0.225 W/kg; SAR(10 g) = 0.179 W/kg

[Info: Interpolated medium parameters used for SAR evaluation.](#)

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



0 dB = 0.249 W/kg = -6.04 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

LON-L29 LTE Band V 10M QPSK 1RB 25 offset 20600CH Back Side 15mm-Main Antenna

DUT: LON-L29; Type: Smart Phone; Serial: SAR3

Communication System: UID 0, LTE-FDD (SC-FDMA, 10MHz, QPSK/16-QAM) (0); Frequency: 844 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 844 \text{ MHz}$; $\sigma = 1.018 \text{ S/m}$; $\epsilon_r = 55.454$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN7381; ConvF(9.78, 9.78, 9.78); Calibrated: 2016/9/29;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -9.0, 31.0$
- ε Electronics: DAE4 Sn1492; Calibrated: 2016/9/28
- ε Phantom: SMA6; Type: QD000P40CD; Serial: TP:1892
- ε DASY52 52.8.8(1222); 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) = 0.313 W/kg

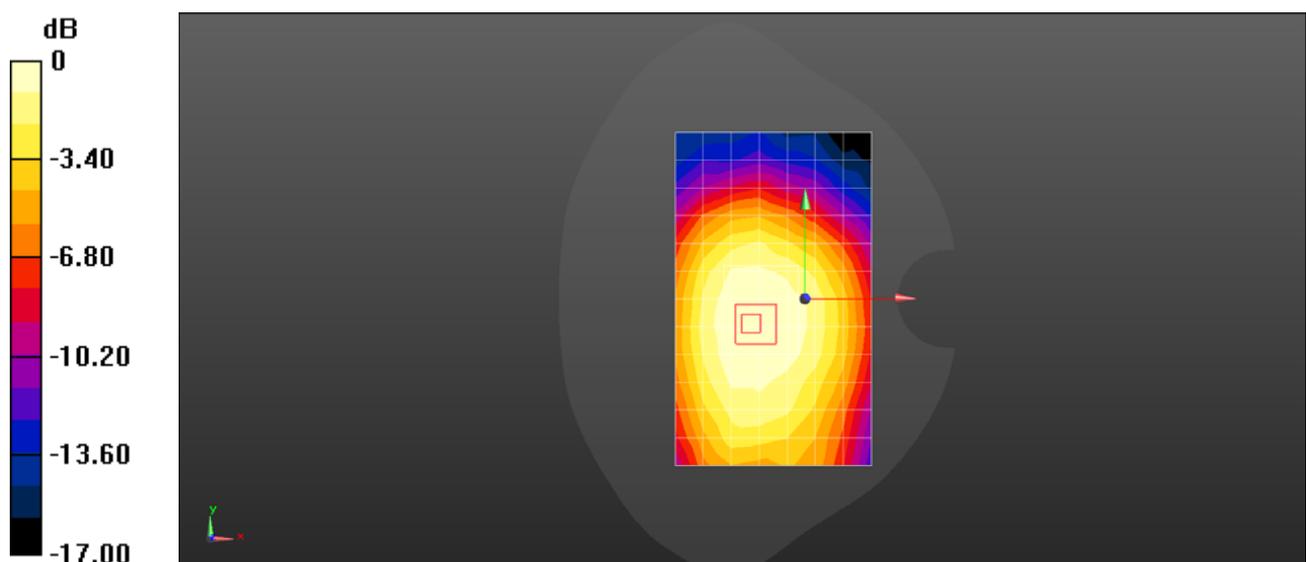
Configuration/Head/Zoom Scan (6x7x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 16.09 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.335 W/kg

SAR(1 g) = 0.272 W/kg; SAR(10 g) = 0.214 W/kg

Maximum value of SAR (measured) = 0.316 W/kg



0 dB = 0.313 W/kg = -5.05 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

LON-L29 LTE Band V 10M QPSK 1RB 25 offset 20600CH Back Side 10mm -Main Antenna

DUT: LON-L29; Type: Smart Phone; Serial: SAR3

Communication System: UID 0, LTE-FDD (SC-FDMA, 10MHz, QPSK/16-QAM) (0); Frequency: 844 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 844 \text{ MHz}$; $\sigma = 1.018 \text{ S/m}$; $\epsilon_r = 55.454$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN7381; ConvF(9.78, 9.78, 9.78); Calibrated: 2016/9/29;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn1492; Calibrated: 2016/9/28
- ε Phantom: SMA6; Type: QD000P40CD; Serial: TP:1892
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

Configuration/Head/Area Scan (4x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.450 W/kg

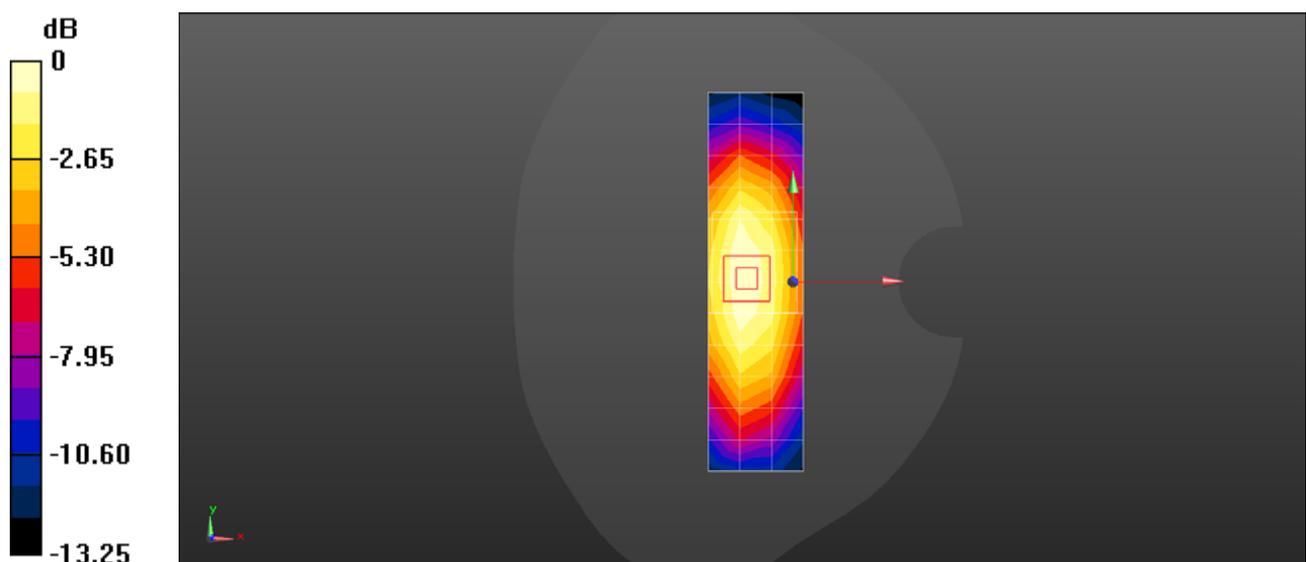
Configuration/Head/Zoom Scan (6x7x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 18.81 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.503 W/kg

SAR(1 g) = 0.366 W/kg; SAR(10 g) = 0.261 W/kg

Maximum value of SAR (measured) = 0.461 W/kg



0 dB = 0.450 W/kg = -3.47 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

LON-L29 LTE Band VII 20M QPSK 50%RB 25 offset 21100CH Left touch with SIM2 -Main Antenna

DUT: LON-L29; Type: Smart Phone; Serial: SAR3

Communication System: UID 0, LTE-FDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 2535 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2535$ MHz; $\sigma = 1.85$ S/m; $\epsilon_r = 37.52$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY Configuration:

- ε Probe: EX3DV4 - SN7381; ConvF(7.27, 7.27, 7.27); Calibrated: 2016/9/29;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 31.0
- ε Electronics: DAE4 Sn1492; Calibrated: 2016/9/28
- ε Phantom: SAM5; Type: QD000P40CD; Serial: TP:1894
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

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

Maximum value of SAR (measured) = 0.597 W/kg

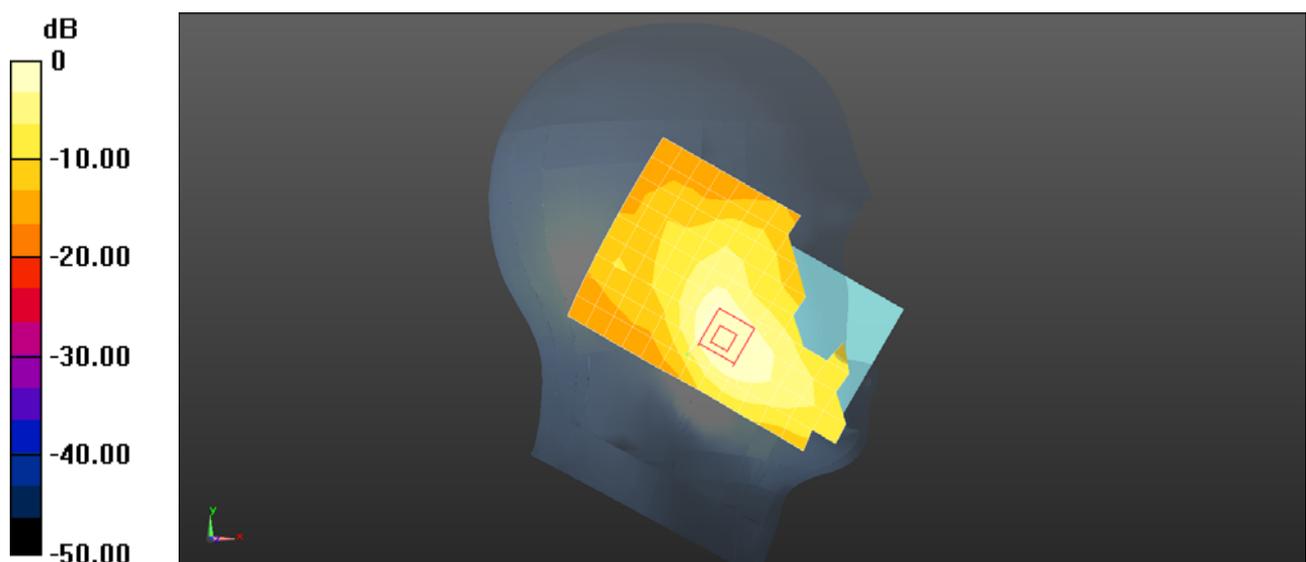
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.170 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.681 W/kg

SAR(1 g) = 0.458 W/kg; SAR(10 g) = 0.279 W/kg

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



0 dB = 0.597 W/kg = -2.24 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

LON-L29 LTE Band VII 20M QPSK 1RB 0 offset 21350CH Back Side 15mm with battery2 -Main Antenna

DUT: LON-L29; Type: Smart Phone; Serial: SAR3

Communication System: UID 0, LTE-FDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 2560 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2560$ MHz; $\sigma = 2.159$ S/m; $\epsilon_r = 50.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN7381; ConvF(7.19, 7.19, 7.19); Calibrated: 2016/9/29;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 31.0
- ε Electronics: DAE4 Sn1492; Calibrated: 2016/9/28
- ε Phantom: SMA6; Type: QD000P40CD; Serial: TP:1892
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

Configuration/Head/Area Scan (10x16x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.231 W/kg

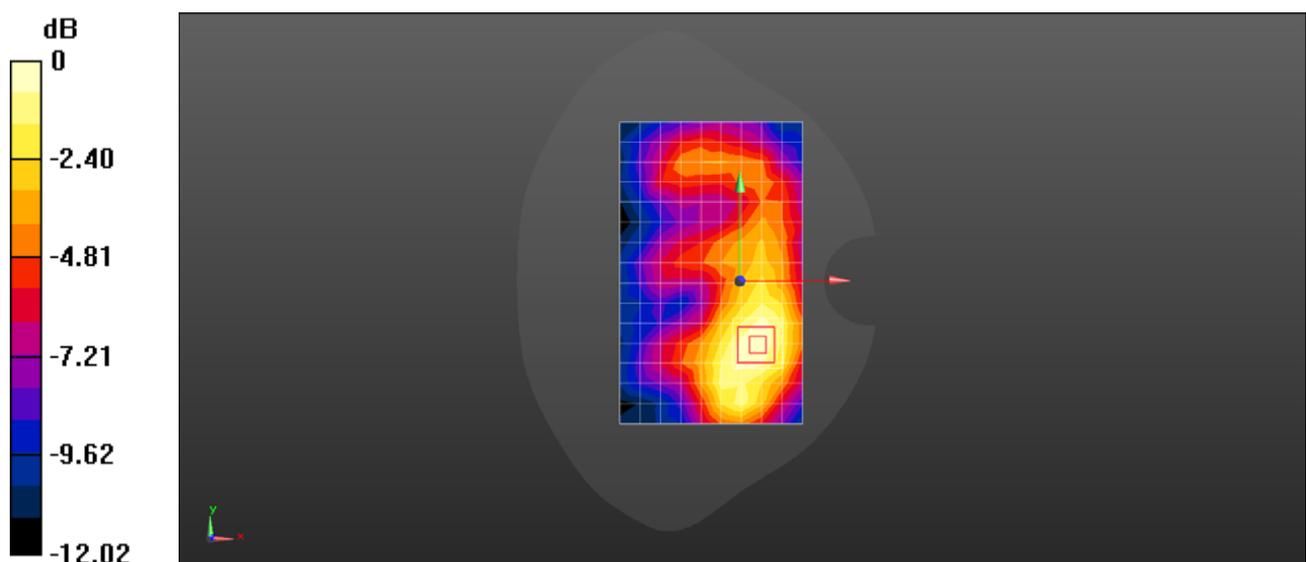
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.634 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.254 W/kg

SAR(1 g) = 0.165 W/kg; SAR(10 g) = 0.106 W/kg

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



0 dB = 0.231 W/kg = -6.37 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

LON-L29 LTE Band VII 20M QPSK 1RB 99 offset 21350CH Back Side 10mm - Main Antenna

DUT: LON-L29; Type: Smart Phone; Serial: SAR3

Communication System: UID 0, LTE-FDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 2560 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2560$ MHz; $\sigma = 2.109$ S/m; $\epsilon_r = 50.653$; $\rho = 1000$ kg/m³

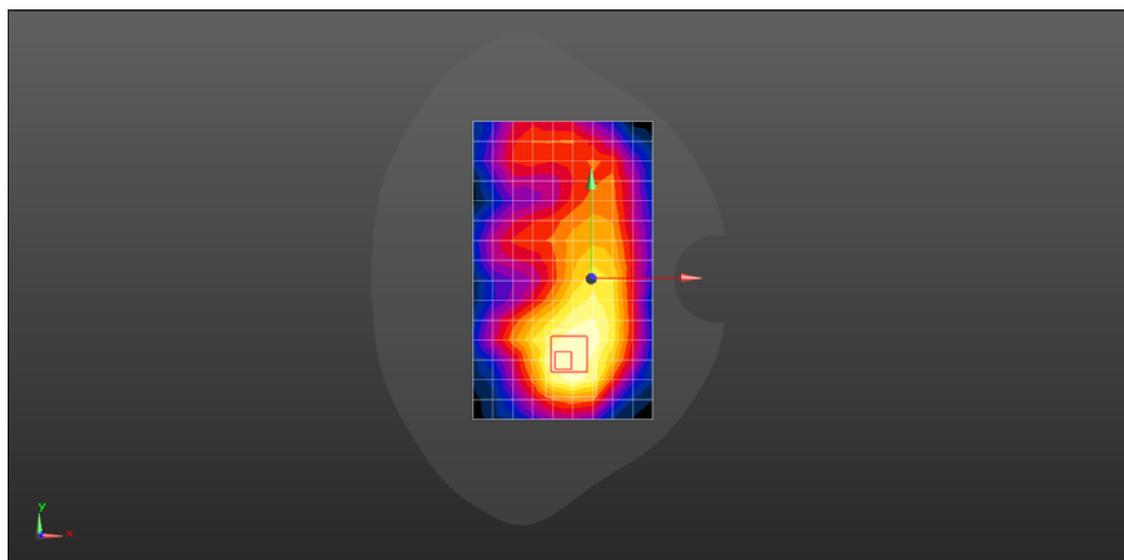
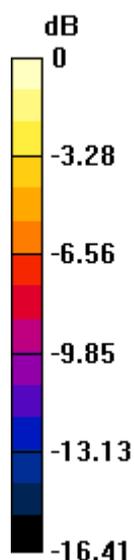
Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN7381; ConvF(7.19, 7.19, 7.19); Calibrated: 2016/9/29;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 31.0
- ε Electronics: DAE4 Sn1492; Calibrated: 2016/9/28
- ε Phantom: SMA6; Type: QD000P40CD; Serial: TP:1892
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

Configuration/Head/Area Scan (10x16x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.554 W/kg

Configuration/Head/Zoom Scan (7x9x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.167 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.644 W/kg
SAR(1 g) = 0.396 W/kg; SAR(10 g) = 0.250 W/kg



0 dB = 0.554 W/kg = -2.57 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

LON-L29 LTE Band XII 10M QPSK 1RB 25 offset 23060CH Right touch -Main Antenna

DUT: LON-L29; Type: Smart Phone; Serial: SAR3

Communication System: UID 0, LTE-FDD (SC-FDMA, 10MHz, QPSK/16-QAM) (0); Frequency: 704 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 704$ MHz; $\sigma = 0.866$ S/m; $\epsilon_r = 42.901$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY Configuration:

- ε Probe: EX3DV4 - SN7381; ConvF(11.23, 11.23, 11.23); Calibrated: 2016/9/29;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn1492; Calibrated: 2016/9/28
- ε Phantom: SAM5; Type: QD000P40CD; Serial: TP:1894
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

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

Maximum value of SAR (measured) = 0.182 W/kg

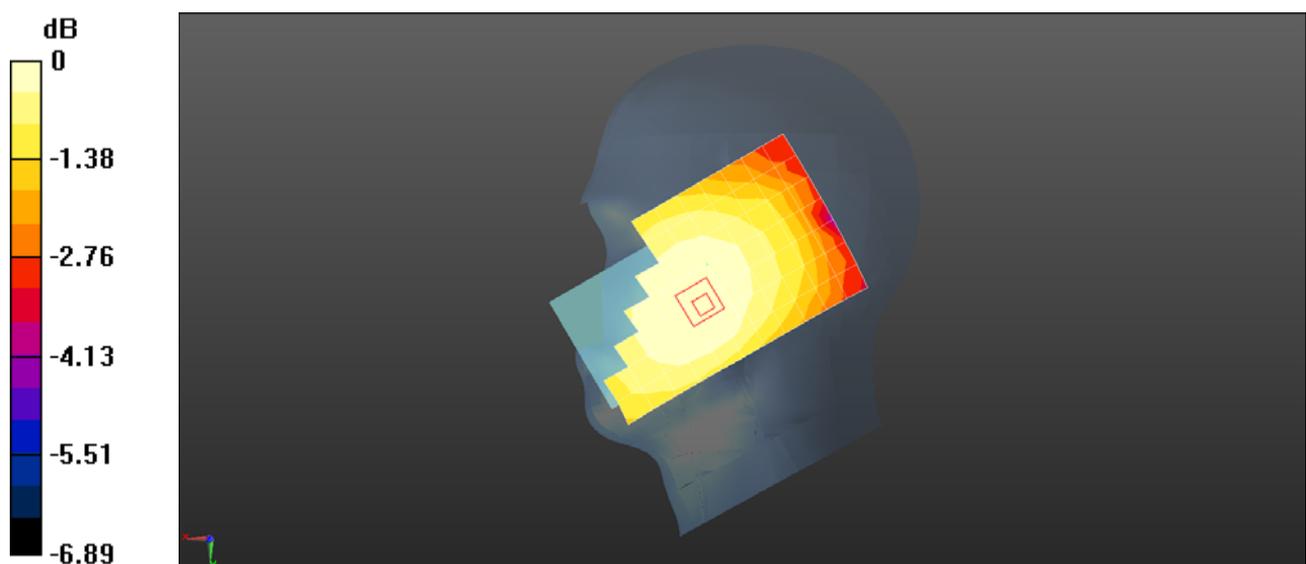
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 4.989 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.188 W/kg

SAR(1 g) = 0.170 W/kg; SAR(10 g) = 0.139 W/kg

Maximum value of SAR (measured) = 0.183 W/kg



0 dB = 0.183 W/kg = -7.37 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

LON-L29 LTE Band XII 10M QPSK 1RB 25 offset 23130CH Back Side 15mm - Main Antenna

DUT: LON-L29; Type: Smart Phone; Serial: SAR3

Communication System: UID 0, LTE-FDD (SC-FDMA, 10MHz, QPSK/16-QAM) (0); Frequency: 711 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 711$ MHz; $\sigma = 0.965$ S/m; $\epsilon_r = 55.73$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN7381; ConvF(9.8, 9.8, 9.8); Calibrated: 2016/9/29;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -19.0, 31.0$
- ε Electronics: DAE4 Sn1492; Calibrated: 2016/9/28
- ε Phantom: SMA6; Type: QD000P40CD; Serial: TP:1892
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

Configuration/Head/Area Scan (8x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 0.277 W/kg

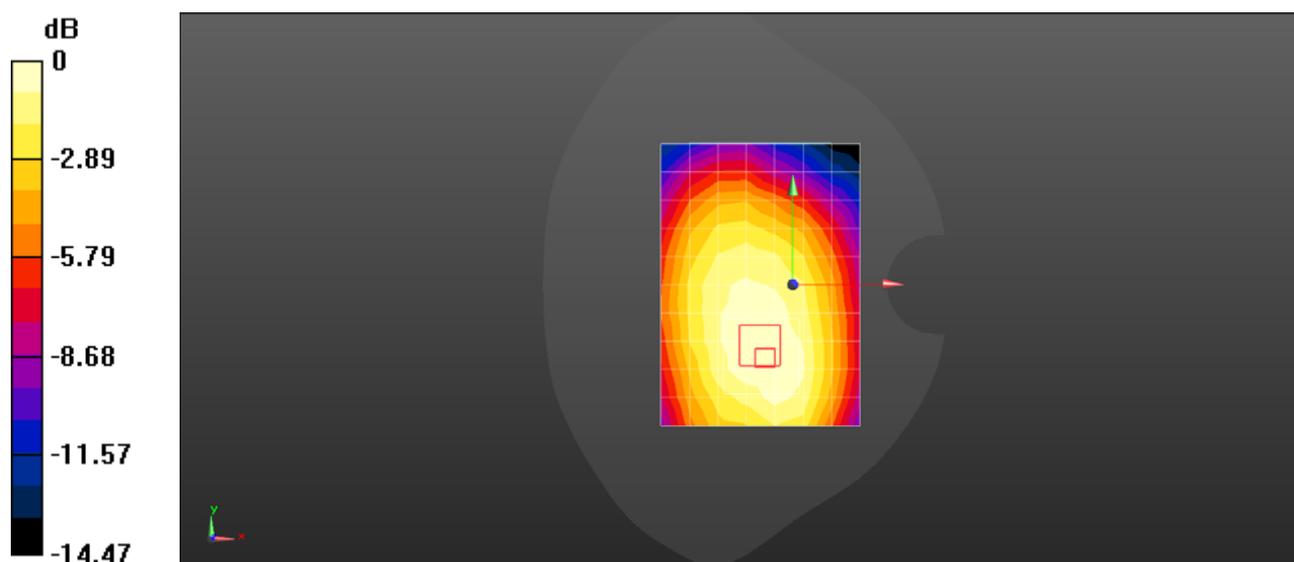
Configuration/Head/Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 14.36 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.291 W/kg

SAR(1 g) = 0.231 W/kg; SAR(10 g) = 0.182 W/kg

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



0 dB = 0.277 W/kg = -5.58 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

LON-L29 LTE Band XII 10M QPSK 1RB 25 offset 23130CH Back Side 10mm - Main Antenna

DUT: LON-L29; Type: Smart Phone; Serial: SAR3

Communication System: UID 0, LTE-FDD (SC-FDMA, 10MHz, QPSK/16-QAM) (0); Frequency: 711 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 711 \text{ MHz}$; $\sigma = 0.965 \text{ S/m}$; $\epsilon_r = 55.73$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN7381; ConvF(9.8, 9.8, 9.8); Calibrated: 2016/9/29;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -19.0, 31.0$
- ε Electronics: DAE4 Sn1492; Calibrated: 2016/9/28
- ε Phantom: SMA6; Type: QD000P40CD; Serial: TP:1892
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

Configuration/Head/Area Scan (8x11x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (measured) = 0.346 W/kg

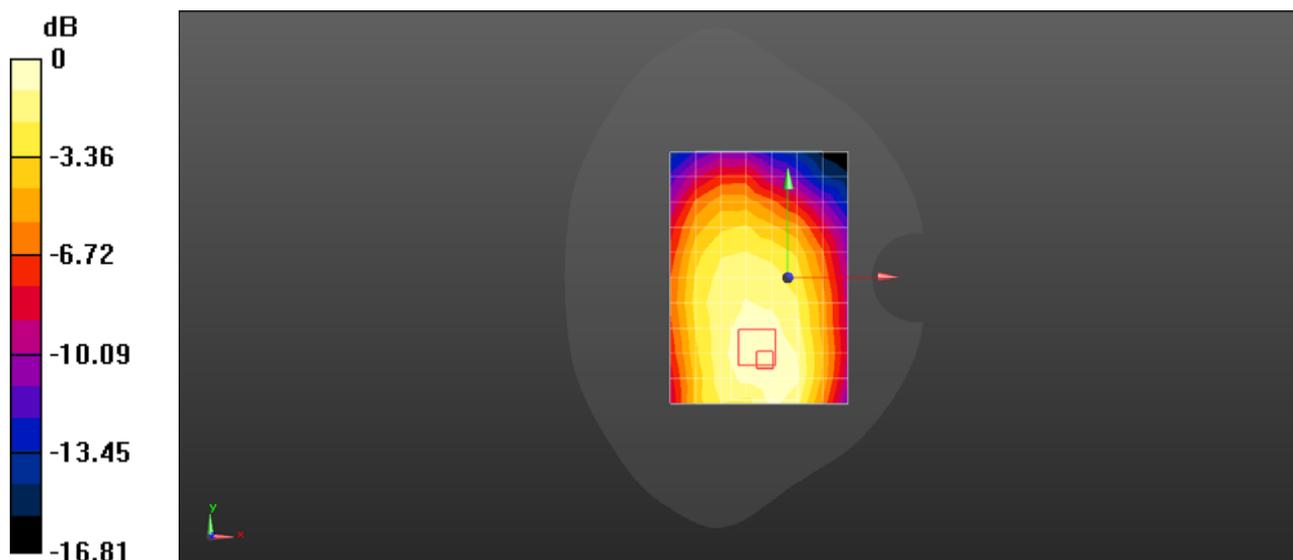
Configuration/Head/Zoom Scan (6x7x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 14.55 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.379 W/kg

SAR(1 g) = 0.281 W/kg; SAR(10 g) = 0.215 W/kg

Maximum value of SAR (measured) = 0.342 W/kg



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

Test Laboratory: HUAWEI SAR/HAC Lab

LON-L29 LTE Band XXVI 15M QPSK 1RB 38 offset 26965CH Right touch -Main Antenna

DUT: LON-L29; Type: Smart Phone; Serial: SAR3

Communication System: UID 0, LTE-FDD (SC-FDMA, 15MHz, QPSK/16-QAM) (0); Frequency: 841.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 841.5$ MHz; $\sigma = 0.885$ S/m; $\epsilon_r = 41.19$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY Configuration:

- ε Probe: EX3DV4 - SN7381; ConvF(10.11, 10.11, 10.11); Calibrated: 2016/9/29;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 31.0
- ε Electronics: DAE4 Sn1492; Calibrated: 2016/9/28
- ε Phantom: SAM5; Type: QD000P40CD; Serial: TP:1894
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

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

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.270 W/kg

Configuration/Head/Zoom Scan (6x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

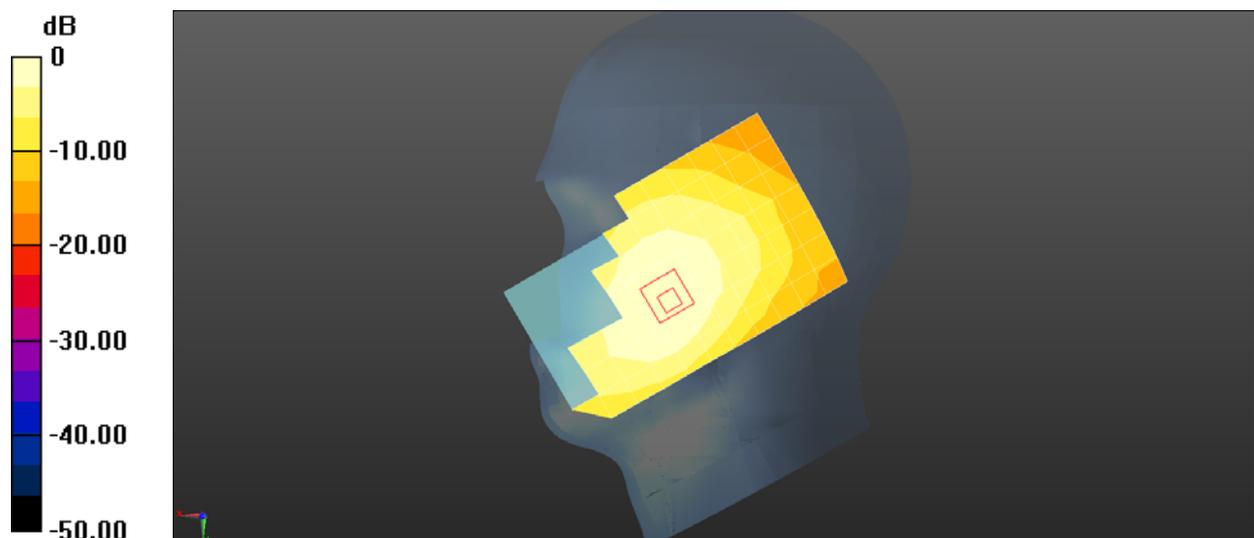
Reference Value = 5.990 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.266 W/kg

SAR(1 g) = 0.223 W/kg; SAR(10 g) = 0.176 W/kg

[Info: Interpolated medium parameters used for SAR evaluation.](#)

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



0 dB = 0.270 W/kg = -5.69 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

LON-L29 LTE Band XXVI 15M QPSK 1RB 38 offset 26965CH Back Side 15mm-Main Antenna

DUT: LON-L29; Type: Smart Phone; Serial: SAR3

Communication System: UID 0, LTE-FDD (SC-FDMA, 15MHz, QPSK/16-QAM) (0); Frequency: 841.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 841.5$ MHz; $\sigma = 1.011$ S/m; $\epsilon_r = 55.581$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN7381; ConvF(9.78, 9.78, 9.78); Calibrated: 2016/9/29;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn1492; Calibrated: 2016/9/28
- ε Phantom: SMA6; Type: QD000P40CD; Serial: TP:1892
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

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

[Info: Interpolated medium parameters used for SAR evaluation.](#)

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

Configuration/Head/Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

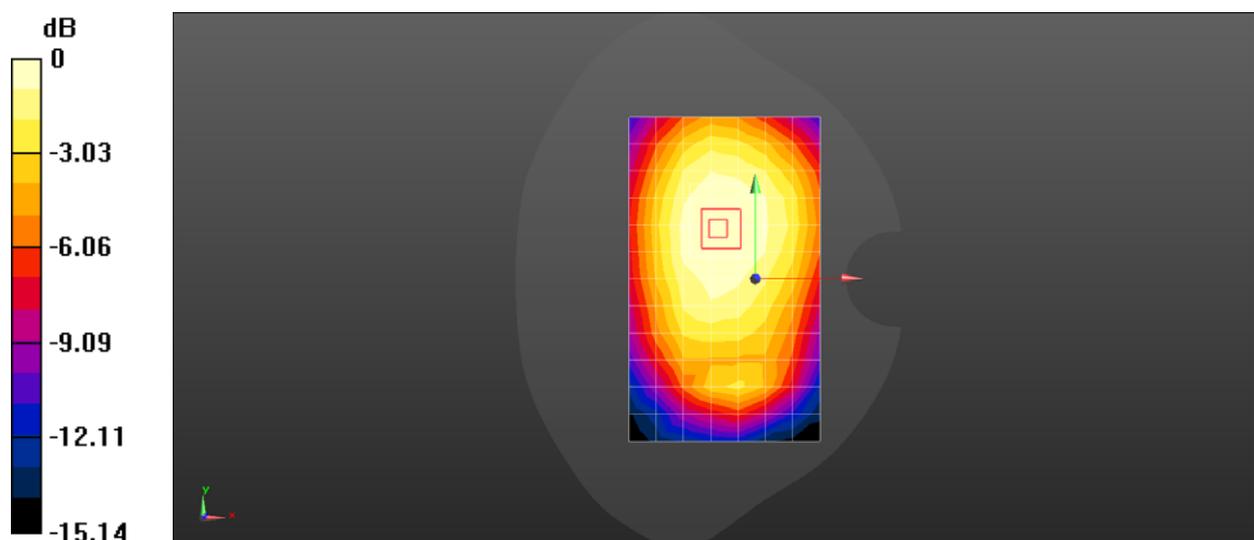
Reference Value = 14.27 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.311 W/kg

SAR(1 g) = 0.252 W/kg; SAR(10 g) = 0.199 W/kg

[Info: Interpolated medium parameters used for SAR evaluation.](#)

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



0 dB = 0.289 W/kg = -5.38 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

LON-L29 LTE Band XXVI 15M QPSK 1RB 38 offset 26965CH Right Side 10mm-Main Antenna

DUT: LON-L29; Type: Smart Phone; Serial: SAR3

Communication System: UID 0, LTE-FDD (SC-FDMA, 15MHz, QPSK/16-QAM) (0); Frequency: 841.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 841.5$ MHz; $\sigma = 1.011$ S/m; $\epsilon_r = 55.581$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN7381; ConvF(9.78, 9.78, 9.78); Calibrated: 2016/9/29;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn1492; Calibrated: 2016/9/28
- ε Phantom: SMA6; Type: QD000P40CD; Serial: TP:1892
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

Configuration/Head/Area Scan (6x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.427 W/kg

Configuration/Head/Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

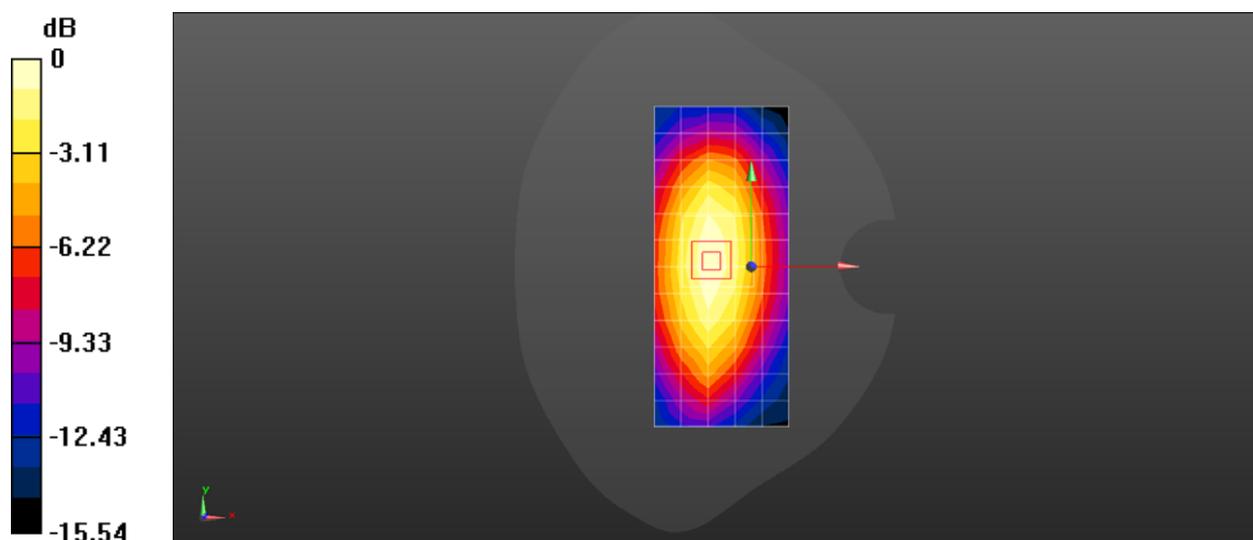
Reference Value = 17.68 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.467 W/kg

SAR(1 g) = 0.336 W/kg; SAR(10 g) = 0.238 W/kg

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.426 W/kg



0 dB = 0.427 W/kg = -3.70 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

LON-L29 LTE Band XLI 20M QPSK 1RB 50 offset 40340CH Left touch -Main Antenna

DUT: LON-L29; Type: Smart Phone; Serial: SAR3

Communication System: UID 0, LTE-TDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 2565 MHz; Duty Cycle: 1:1.58855

Medium parameters used: $f = 2565$ MHz; $\sigma = 1.901$ S/m; $\epsilon_r = 39.941$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY Configuration:

- ε Probe: EX3DV4 - SN7381; ConvF(7.27, 7.27, 7.27); Calibrated: 2016/9/29;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 31.0
- ε Electronics: DAE4 Sn1492; Calibrated: 2016/9/28
- ε Phantom: SAM5; Type: QD000P40CD; Serial: TP:1894
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

Configuration/Head/Area Scan (10x16x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.312 W/kg

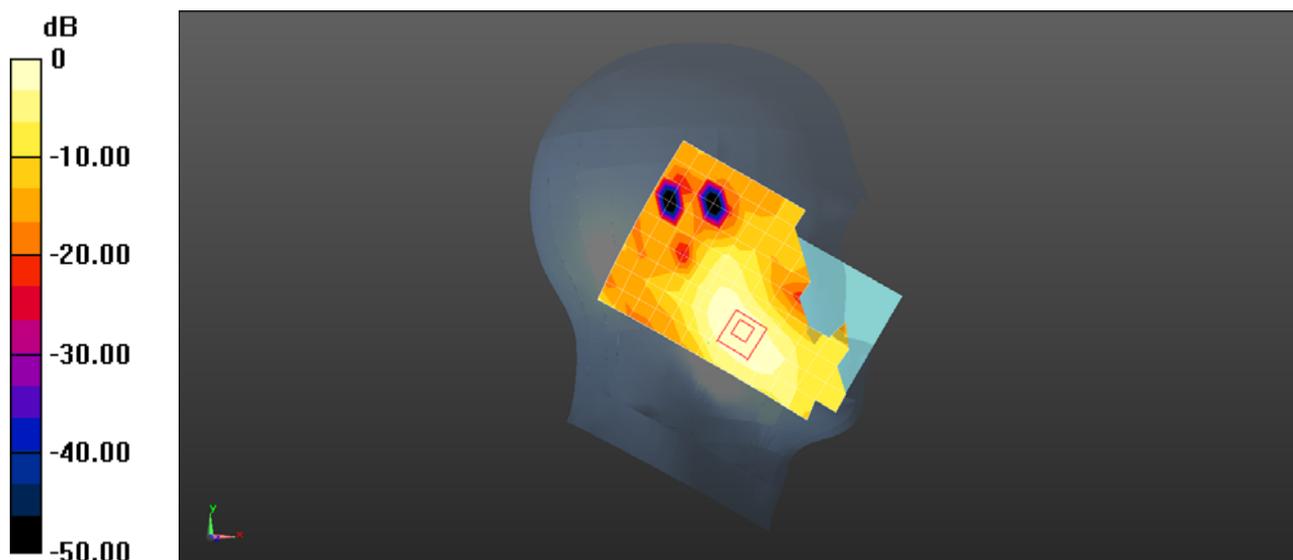
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.630 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.347 W/kg

SAR(1 g) = 0.230 W/kg; SAR(10 g) = 0.138 W/kg

Maximum value of SAR (measured) = 0.310 W/kg



0 dB = 0.312 W/kg = -5.06 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

LON-L29 LTE Band XLI 20M QPSK 1RB 50 offset 40340CH Front Side 15mm - Main Antenna

DUT: LON-L29; Type: Smart Phone; Serial: SAR3

Communication System: UID 0, LTE-TDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 2565 MHz; Duty Cycle: 1:1.58855

Medium parameters used: $f = 2565$ MHz; $\sigma = 2.163$ S/m; $\epsilon_r = 50.79$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN7381; ConvF(7.19, 7.19, 7.19); Calibrated: 2016/9/29;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -19.0, 31.0$
- ε Electronics: DAE4 Sn1492; Calibrated: 2016/9/28
- ε Phantom: SMA6; Type: QD000P40CD; Serial: TP:1892
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

Configuration/Body/Area Scan (10x16x1): Measurement grid: $dx=12$ mm, $dy=12$ mm
Maximum value of SAR (measured) = 0.160 W/kg

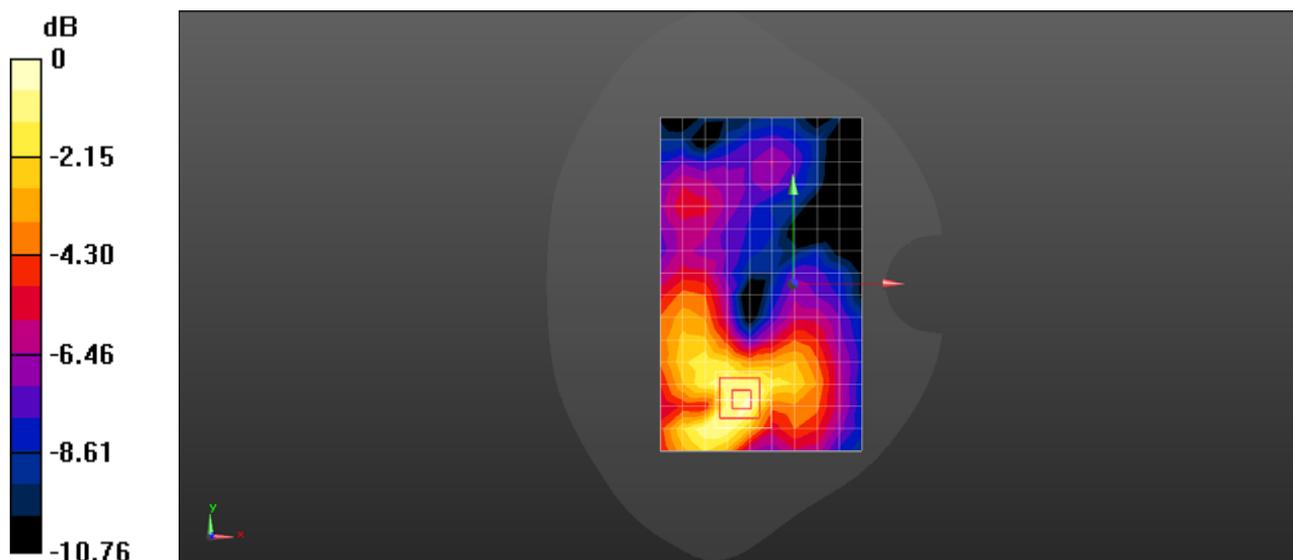
Configuration/Body/Zoom Scan (7x8x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 4.421 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.188 W/kg

SAR(1 g) = 0.118 W/kg; SAR(10 g) = 0.074 W/kg

Maximum value of SAR (measured) = 0.163 W/kg



0 dB = 0.160 W/kg = -7.97 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

LON-L29 LTE Band XLI 20M QPSK 1RB 50 offset 40340CH Front Side 10mm - Main Antenna

DUT: LON-L29; Type: Smart Phone; Serial: SAR3

Communication System: UID 0, LTE-TDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 2565 MHz; Duty Cycle: 1:1.58855

Medium parameters used: $f = 2565$ MHz; $\sigma = 2.163$ S/m; $\epsilon_r = 50.79$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN7381; ConvF(7.19, 7.19, 7.19); Calibrated: 2016/9/29;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 31.0
- ε Electronics: DAE4 Sn1492; Calibrated: 2016/9/28
- ε Phantom: SMA6; Type: QD000P40CD; Serial: TP:1892
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

Configuration/Body/Area Scan (10x16x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.316 W/kg

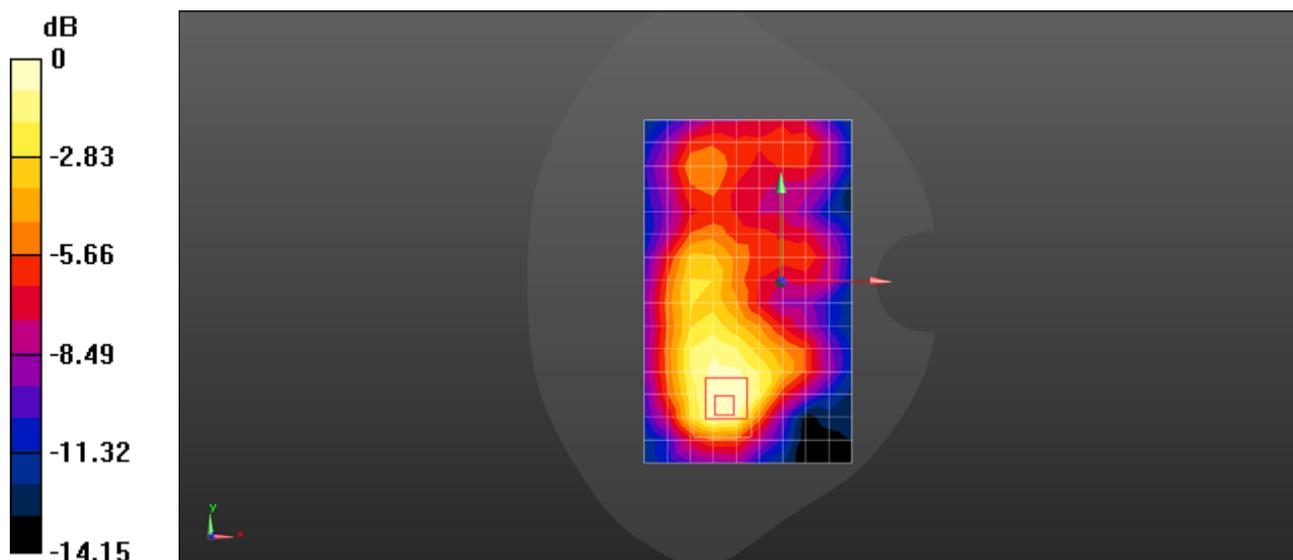
Configuration/Body/Zoom Scan (7x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.143 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.401 W/kg

SAR(1 g) = 0.236 W/kg; SAR(10 g) = 0.140 W/kg

Maximum value of SAR (measured) = 0.340 W/kg



0 dB = 0.316 W/kg = -5.00 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

LON-L29 WiFi 2.4G 802.11g 6CH Left touch

DUT: LON-L29; Type: Smart Phone; Serial: SAR3

Communication System: UID 0, WiFi(802.11a/b/g/n) (0); Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used: $f = 2437$ MHz; $\sigma = 1.809$ S/m; $\epsilon_r = 40.095$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY Configuration:

- ε Probe: EX3DV4 - SN7381; ConvF(7.39, 7.39, 7.39); Calibrated: 2016/9/29;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn1492; Calibrated: 2016/9/28
- ε Phantom: SAM5; Type: QD000P40CD; Serial: TP:1894
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

Configuration/Head/Area Scan (10x16x1): Measurement grid: $dx=12$ mm, $dy=12$ mm
Maximum value of SAR (measured) = 0.878 W/kg

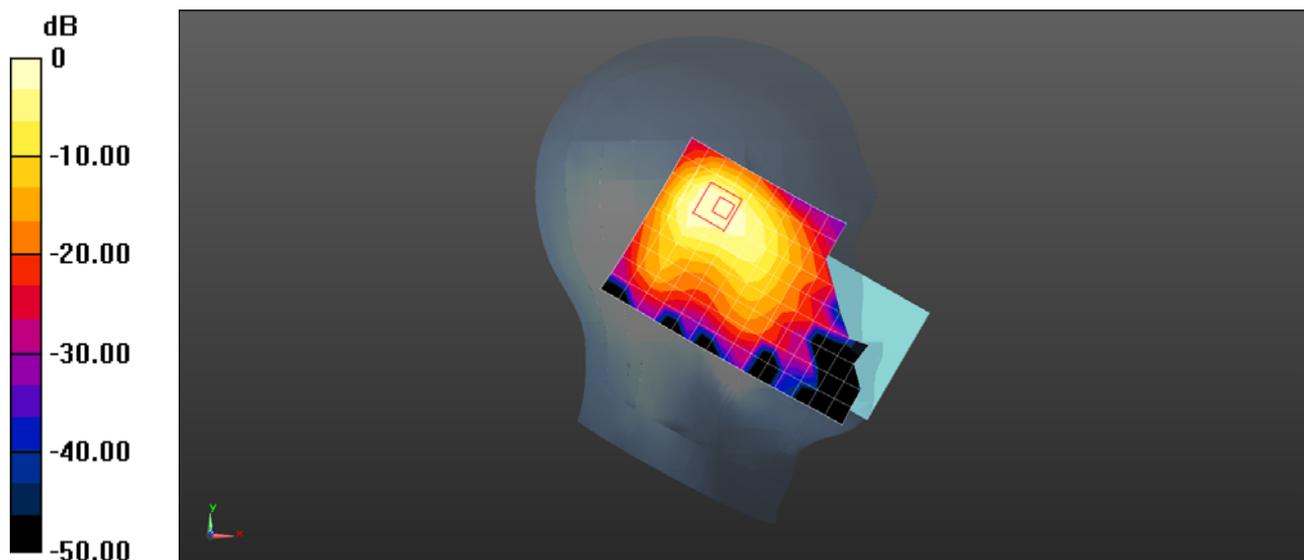
Configuration/Head/Zoom Scan (7x9x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 7.804 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 1.32 W/kg

SAR(1 g) = 0.630 W/kg; SAR(10 g) = 0.331 W/kg

Maximum value of SAR (measured) = 1.05 W/kg



0 dB = 0.878 W/kg = -0.56 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

LON-L29 WiFi 2.4G 802.11b 11CH Back side 15mm

DUT: LON-L29; Type: Smart Phone; Serial: SAR3

Communication System: UID 0, WiFi(802.11a/b/g/n) (0); Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: $f = 2462$ MHz; $\sigma = 1.972$ S/m; $\epsilon_r = 53.233$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN7381; ConvF(7.45, 7.45, 7.45); Calibrated: 2016/9/29;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 31.0
- ε Electronics: DAE4 Sn1492; Calibrated: 2016/9/28
- ε Phantom: SMA6; Type: QD000P40CD; Serial: TP:1892
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

Configuration/Body/Area Scan (10x16x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.153 W/kg

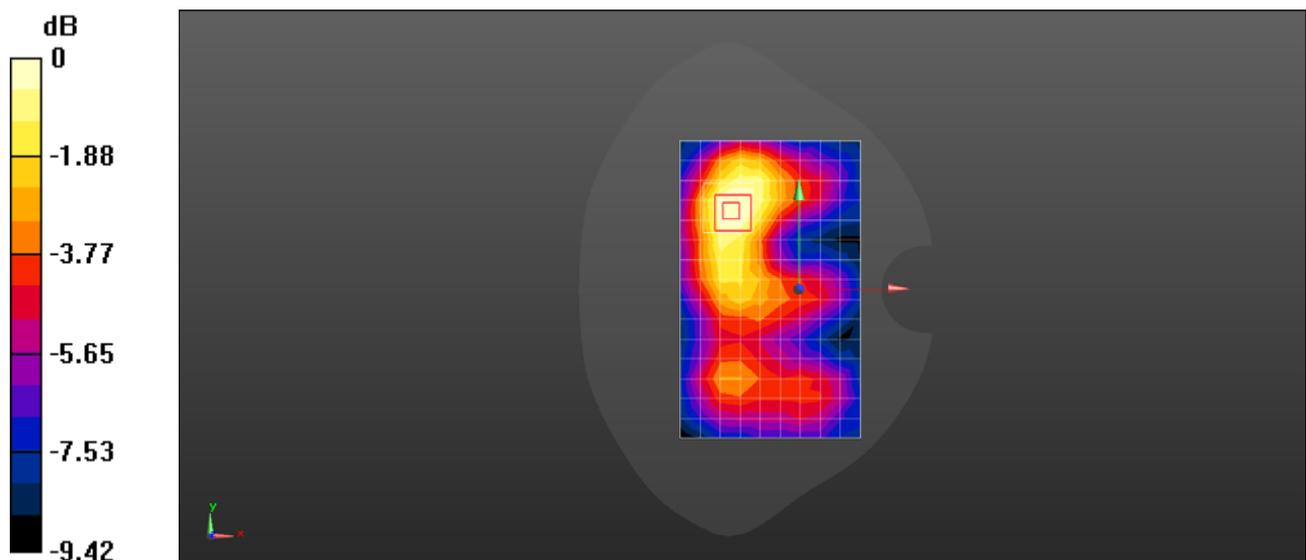
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.708 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.187 W/kg

SAR(1 g) = 0.118 W/kg; SAR(10 g) = 0.074 W/kg

Maximum value of SAR (measured) = 0.162 W/kg



0 dB = 0.153 W/kg = -8.16 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

LON-L29 WiFi 2.4G 802.11b 11CH Back side 10mm

DUT: LON-L29; Type: Smart Phone; Serial: SAR3

Communication System: UID 0, WiFi(802.11a/b/g/n) (0); Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: $f = 2462$ MHz; $\sigma = 1.972$ S/m; $\epsilon_r = 53.233$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN7381; ConvF(7.45, 7.45, 7.45); Calibrated: 2016/9/29;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn1492; Calibrated: 2016/9/28
- ε Phantom: SMA6; Type: QD000P40CD; Serial: TP:1892
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

Configuration/Body/Area Scan (10x16x1): Measurement grid: $dx=12$ mm, $dy=12$ mm
Maximum value of SAR (measured) = 0.261 W/kg

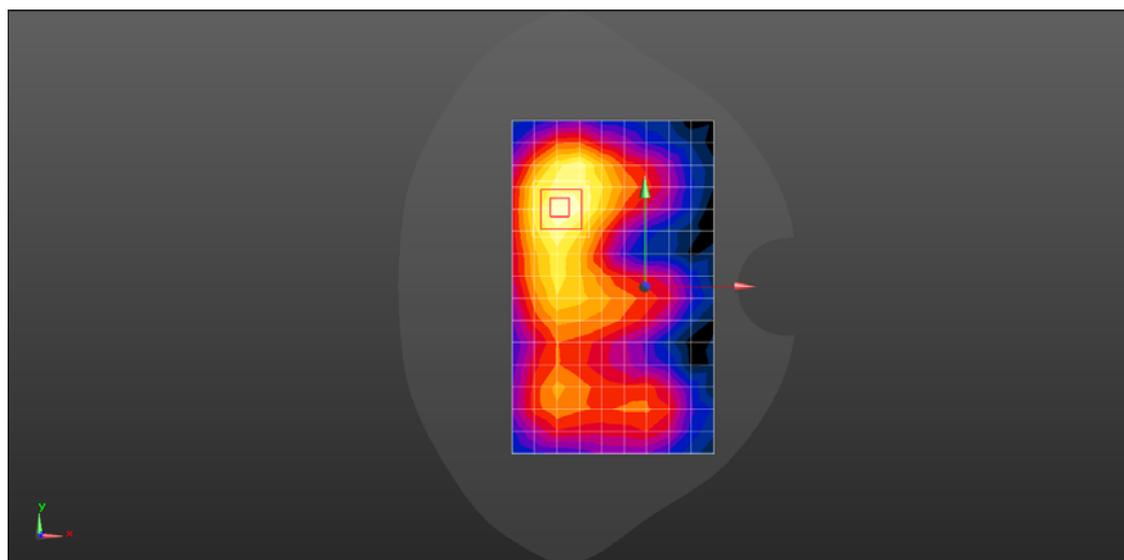
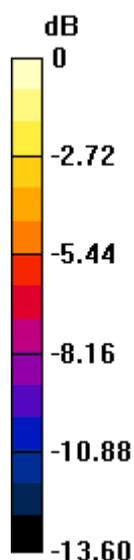
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 5.611 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.309 W/kg

SAR(1 g) = 0.189 W/kg; SAR(10 g) = 0.111 W/kg

Maximum value of SAR (measured) = 0.264 W/kg



0 dB = 0.261 W/kg = -5.83 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

LON-L29 WiFi 5G 802.11a 165CH Left touch

DUT: LON-L29; Type: Smart Phone; Serial: SAR3

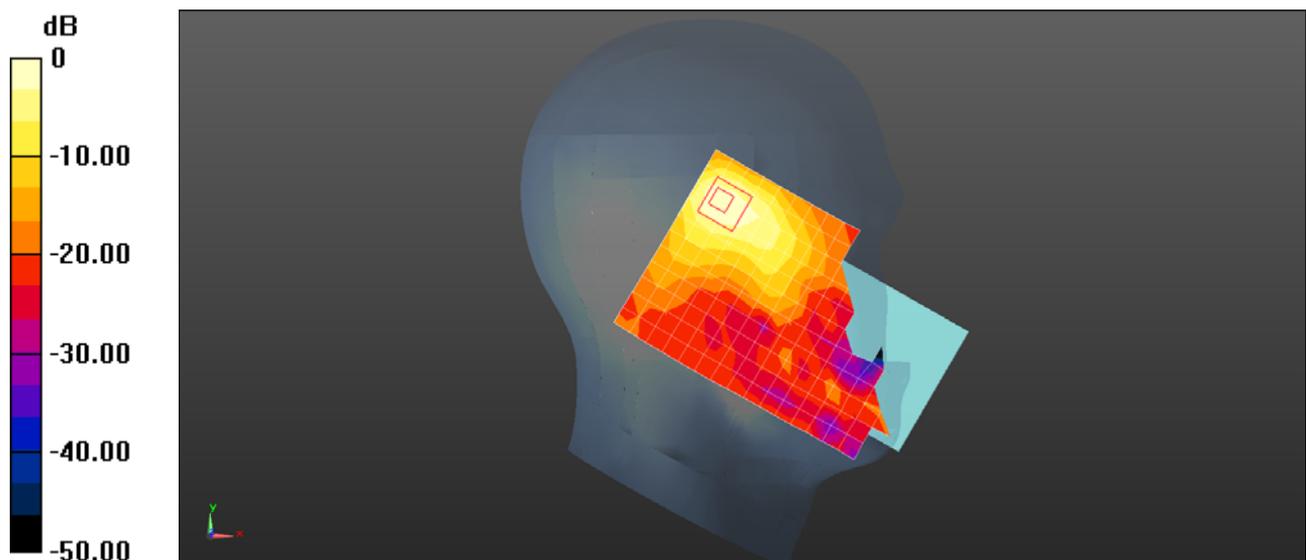
Communication System: UID 0, WiFi(802.11a/b/g/n) (0); Frequency: 5825 MHz;Duty Cycle: 1:1
Medium parameters used: $f = 5825$ MHz; $\sigma = 5.132$ S/m; $\epsilon_r = 34.834$; $\rho = 1000$ kg/m³
Phantom section: Left Section

DASY Configuration:

- ε Probe: EX3DV4 - SN7381; ConvF(5.01, 5.01, 5.01); Calibrated: 2016/9/29;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 25.0$
- ε Electronics: DAE4 Sn1492; Calibrated: 2016/9/28
- ε Phantom: SAM5; Type: QD000P40CD; Serial: TP:1894
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

Configuration/HEAD/Area Scan (12x19x1): Measurement grid: $dx=10$ mm, $dy=10$ mm
Maximum value of SAR (measured) = 2.31 W/kg

Configuration/HEAD/Zoom Scan (8x8x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm
Reference Value = 3.437 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 3.55 W/kg
SAR(1 g) = 1.04 W/kg; SAR(10 g) = 0.420 W/kg
Maximum value of SAR (measured) = 2.34 W/kg



0 dB = 2.31 W/kg = 3.64 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

LON-L29 WiFi 5G 802.11a 132CH Front side 15mm

DUT: LON-L29; Type: Smart Phone; Serial: SAR3

Communication System: UID 0, WiFi(802.11a/b/g/n) (0); Frequency: 5660 MHz;Duty Cycle: 1:1
Medium parameters used: $f = 5660$ MHz; $\sigma = 5.844$ S/m; $\epsilon_r = 46.717$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN7381; ConvF(3.78, 3.78, 3.78); Calibrated: 2016/9/29;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 25.0$
- ε Electronics: DAE4 Sn1492; Calibrated: 2016/9/28
- ε Phantom: SMA6; Type: QD000P40CD; Serial: TP:1892
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

Configuration/HEAD/Area Scan (11x19x1): Measurement grid: $dx=10$ mm, $dy=10$ mm
Maximum value of SAR (measured) = 0.480 W/kg

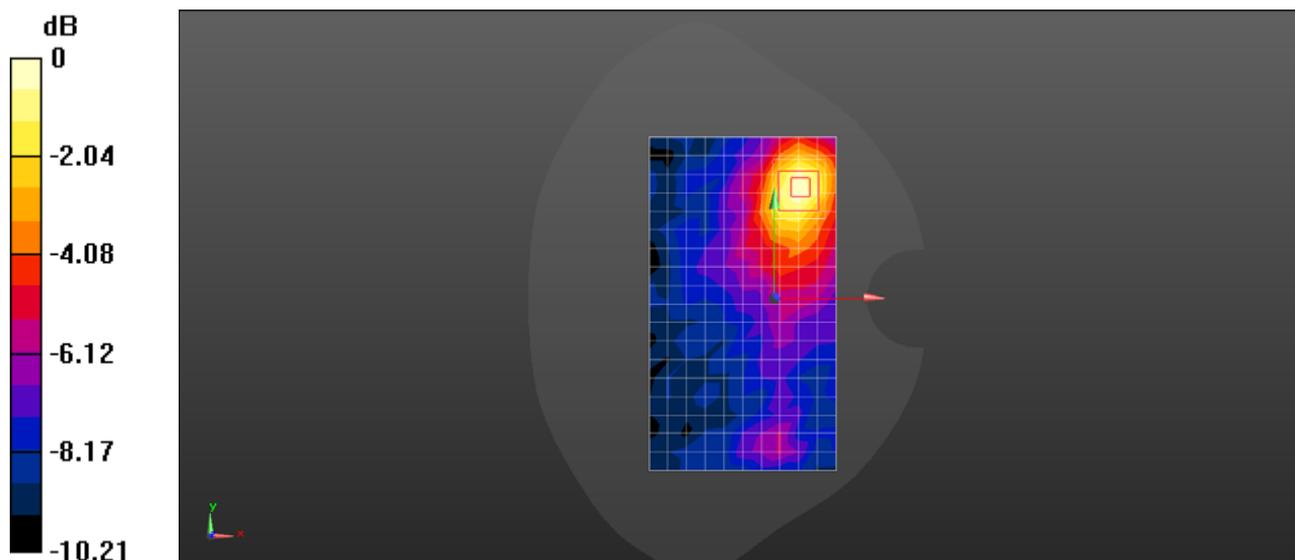
Configuration/HEAD/Zoom Scan (8x9x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 3.832 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.653 W/kg

SAR(1 g) = 0.277 W/kg; SAR(10 g) = 0.167 W/kg

Maximum value of SAR (measured) = 0.479 W/kg



0 dB = 0.480 W/kg = -3.19 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

LON-L29 WiFi 5G 802.11a 161CH Right side 10mm

DUT: LON-L29; Type: Smart Phone; Serial: SAR3

Communication System: UID 0, WiFi(802.11a/b/g/n) (0); Frequency: 5805 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 5805$ MHz; $\sigma = 5.954$ S/m; $\epsilon_r = 46.075$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN7381; ConvF(3.97, 3.97, 3.97); Calibrated: 2016/9/29;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 25.0$
- ε Electronics: DAE4 Sn1492; Calibrated: 2016/9/28
- ε Phantom: SMA6; Type: QD000P40CD; Serial: TP:1892
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

Configuration/HEAD/Area Scan (6x19x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (measured) = 0.913 W/kg

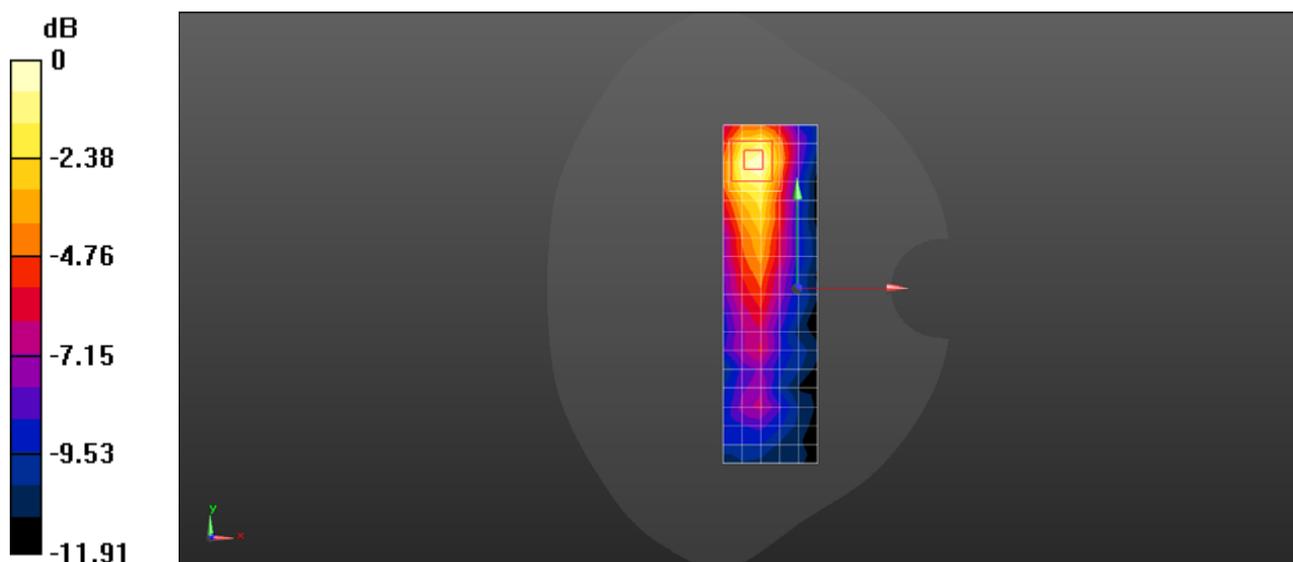
Configuration/HEAD/Zoom Scan (8x8x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 4.805 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.817 W/kg

SAR(1 g) = 0.330 W/kg; SAR(10 g) = 0.184 W/kg

Maximum value of SAR (measured) = 0.604 W/kg



0 dB = 0.913 W/kg = -0.39 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

LON-L29 WiFi 5G 802.11a 132CH Front side 0mm

DUT: LON-L29; Type: Smart Phone; Serial: SAR3

Communication System: UID 0, WiFi(802.11a/b/g/n) (0); Frequency: 5660 MHz;Duty Cycle: 1:1
Medium parameters used: $f = 5660$ MHz; $\sigma = 5.844$ S/m; $\epsilon_r = 46.717$; $\rho = 1000$ kg/m³

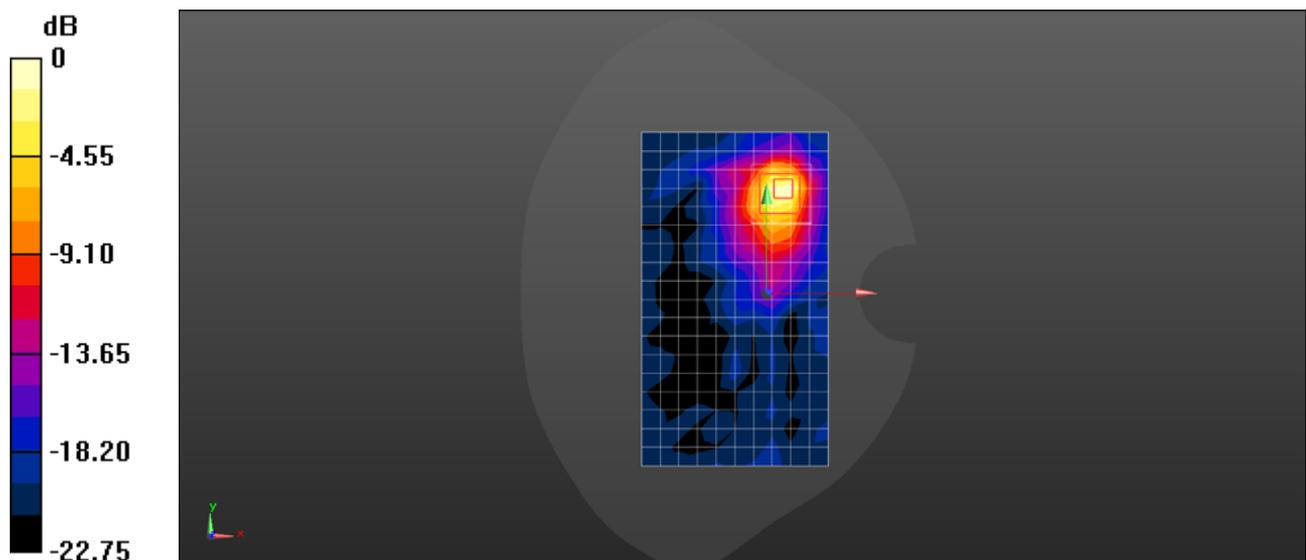
Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN7381; ConvF(3.78, 3.78, 3.78); Calibrated: 2016/9/29;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 25.0$
- ε Electronics: DAE4 Sn1492; Calibrated: 2016/9/28
- ε Phantom: SMA6; Type: QD000P40CD; Serial: TP:1892
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

Configuration/HEAD/Area Scan (11x19x1): Measurement grid: $dx=10$ mm, $dy=10$ mm
Maximum value of SAR (measured) = 5.72 W/kg

Configuration/HEAD/Zoom Scan (9x9x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm
Reference Value = 4.154 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 8.82 W/kg
SAR(1 g) = 2.65 W/kg; SAR(10 g) = 0.962 W/kg
Maximum value of SAR (measured) = 5.75 W/kg



0 dB = 5.72 W/kg = 7.57 dBW/kg