Appendix B. SAR Measurement Plots

Table of contents
GSM850 Head
GSM850 Body
GSM1900 Head
GSM1900 Body
UMTS Band II Head
UMTS Band II Body
UMTS Band IV Head
UMTS Band IV Body
UMTS Band V Head
UMTS Band V Body
LTE Band II Head
LTE Band II Body
LTE Band IV Head
LTE Band IV Body
LTE Band V Head
LTE Band V Body
LTE Band VII Head
LTE Band VII Body
LTE Band XII Head
LTE Band XII Body
LTE Band XXVIII Head
LTE Band XXVIII Body
WiFi 2.4G Head
WiFi 2.4G Body

Date: 2016-11-4

Test Laboratory: HUAWEI SAR/HAC Lab

PRA-LX3 GSM850 251CH Right touch with Battery3

DUT: PRA-LX3; Type: Smart Phone; Serial: SAR1

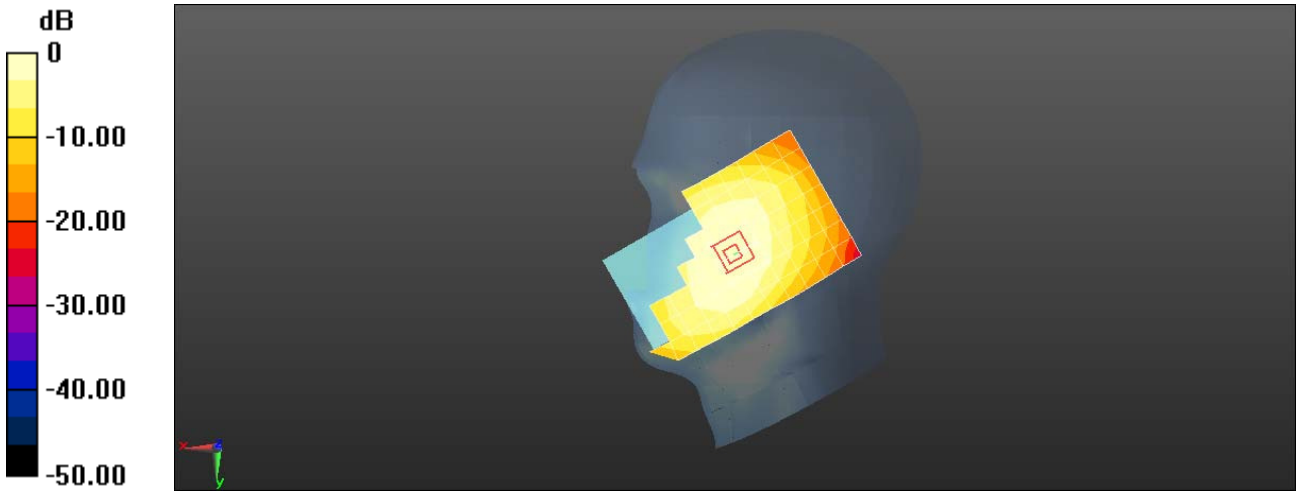
Communication System: UID 0, HW-GSM\GPRS\EGPRS-1TS (0); Frequency: 848.8 MHz;Duty Cycle: 1:8.30042
Medium parameters used: f = 849 MHz; σ = 0.881 S/m; ε_r = 40.104; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(6.68, 6.68, 6.68); Calibrated: 2016-9-27;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn852; Calibrated: 2016-4-20
- Phantom: SAM2; Type: SAM; Serial: TP:1474
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.330 W/kg

Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.103 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.385 W/kg
SAR(1 g) = 0.315 W/kg; SAR(10 g) = 0.245 W/kg
Maximum value of SAR (measured) = 0.344 W/kg



0 dB = 0.330 W/kg = -4.81 dBW/kg

Date: 2016-11-3

Test Laboratory: HUAWEI SAR/HAC Lab

PRA-LX3 GSM850 190CH Back side 15mm

DUT: PRA-LX3; Type: Smart Phone; Serial: SAR1

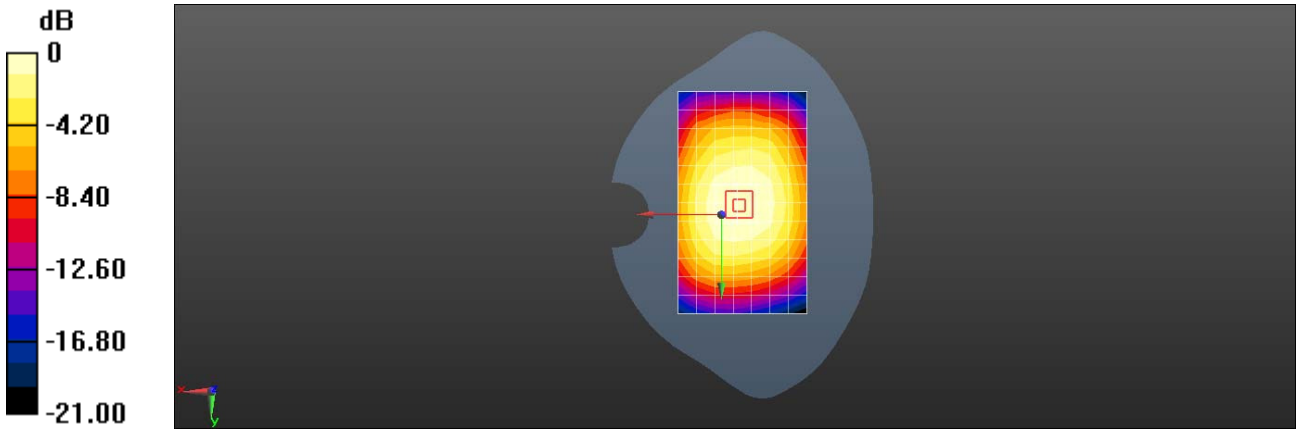
Communication System: UID 0, HW-GSM\GPRS\EGPRS-1TS (0); Frequency: 836.6 MHz;Duty Cycle: 1:8.30042
Medium parameters used: f = 837 MHz; σ = 0.996 S/m; ε_r = 56.032; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(6.33, 6.33, 6.33); Calibrated: 2016-9-27;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn852; Calibrated: 2016-4-20
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.483 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.47 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.554 W/kg
SAR(1 g) = 0.439 W/kg; SAR(10 g) = 0.336 W/kg
Maximum value of SAR (measured) = 0.480 W/kg



0 dB = 0.483 W/kg = -3.16 dBW/kg

Date: 2016-11-3

Test Laboratory: HUAWEI SAR/HAC Lab

PRA-LX3 GSM850 GPRS 2TS 251CH Back side 10mm with Battery3

DUT: PRA-LX3; Type: Smart Phone; Serial: SAR1

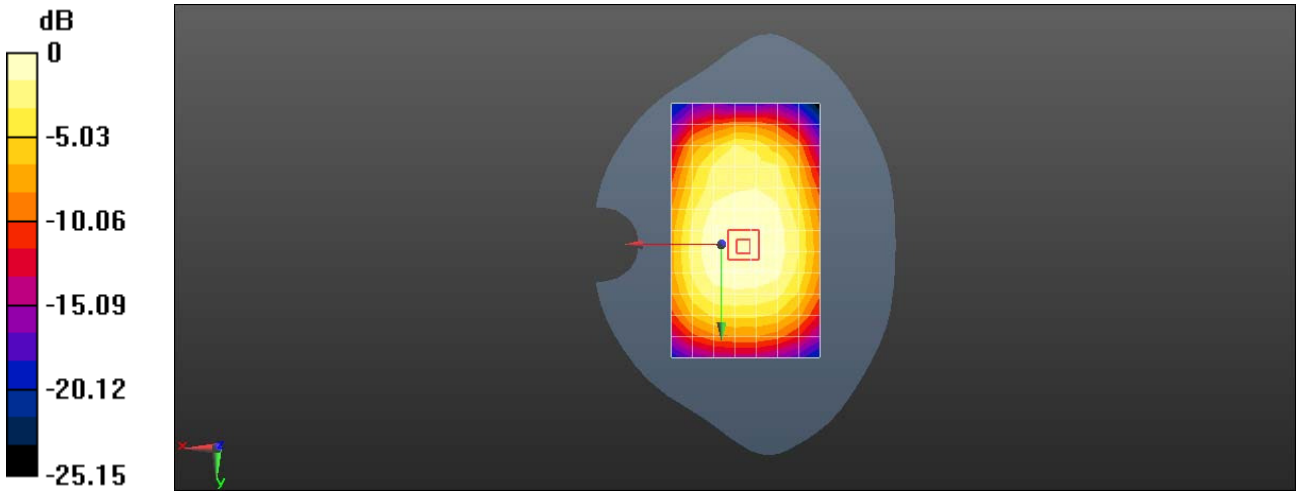
Communication System: UID 0, HW-GSM\GPRS\EGPRS-2TS (0); Frequency: 848.8 MHz;Duty Cycle: 1:4.10015
Medium parameters used: f = 849 MHz; σ = 1.008 S/m; ε_r = 55.907; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(6.33, 6.33, 6.33); Calibrated: 2016-9-27;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn852; Calibrated: 2016-4-20
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.12 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 34.59 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 1.29 W/kg
SAR(1 g) = 1.02 W/kg; SAR(10 g) = 0.783 W/kg
Maximum value of SAR (measured) = 1.11 W/kg



0 dB = 1.12 W/kg = 0.49 dBW/kg

Date: 2016-11-7

Test Laboratory: HUAWEI SAR/HAC Lab

PRA-LX3 GSM1900 512CH Right touch with Battery2

DUT: PRA-LX3; Type: Smart Phone; Serial: SAR1

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; σ = 1.364 S/m; ε_r = 38.755; ρ = 1000 kg/m^3

Phantom section: Right Section

DASY Configuration:

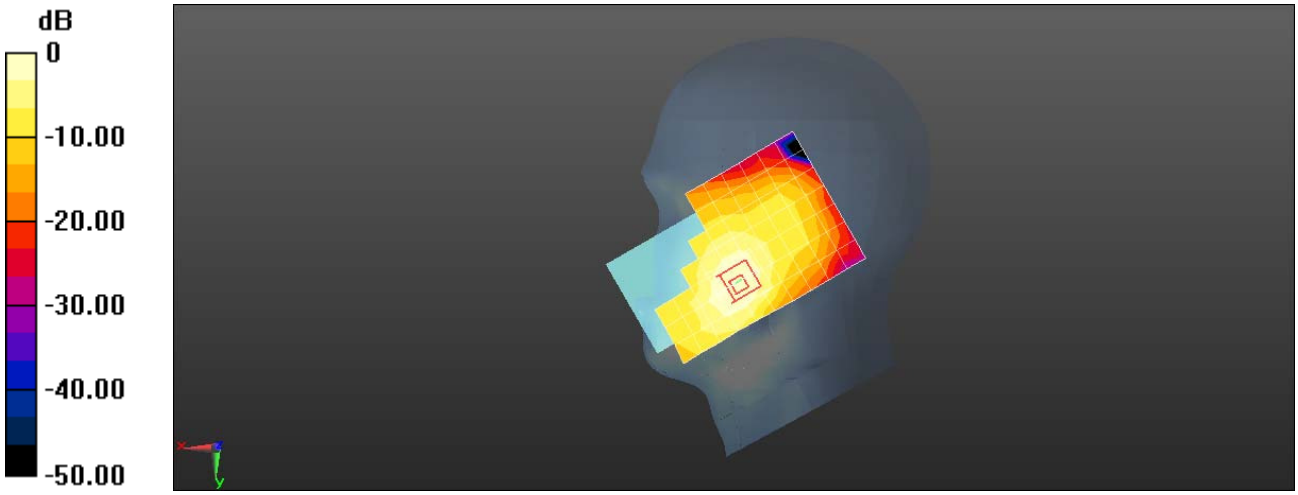
- Probe: ES3DV3 - SN3168; ConvF(5.33, 5.33, 5.33); Calibrated: 2016-9-27;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn852; Calibrated: 2016-4-20
- Phantom: SAM2; Type: SAM; Serial: TP:1474
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7331)

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.178 W/kg

Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.640 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 0.222 W/kg
SAR(1 g) = 0.153 W/kg; SAR(10 g) = 0.096 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.176 W/kg



0 dB = 0.178 W/kg = -7.50 dBW/kg

Date: 2016-10-26

Test Laboratory: HUAWEI SAR/HAC Lab

PRA-LX3 GSM1900 661CH Back side 15mm with Battery 3

DUT: PRA-LX3; Type: Smart Phone; Serial: SAR1

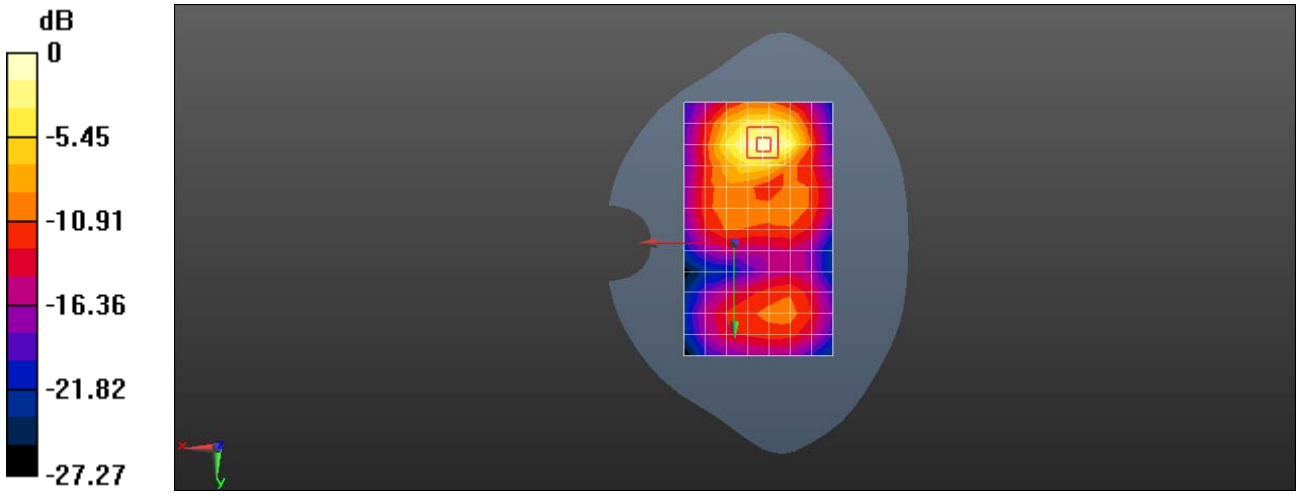
Communication System: UID 0, HW-GSM\GPRS\EGPRS-1TS (0); Frequency: 1880 MHz;Duty Cycle: 1:8.30042
Medium parameters used: f = 1880 MHz; σ = 1.532 S/m; ε_r = 52.001; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.15, 7.15, 7.15); Calibrated: 2016-4-26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2016-4-20
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.916 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.186 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 1.08 W/kg
SAR(1 g) = 0.644 W/kg; SAR(10 g) = 0.351 W/kg
Maximum value of SAR (measured) = 0.904 W/kg



0 dB = 0.916 W/kg = -0.38 dBW/kg

Date: 2016-10-26

Test Laboratory: HUAWEI SAR/HAC Lab

PRA-LX3 GSM1900 GPRS 2TS 810CH Back side 10mm

DUT: PRA-LX3; Type: Smart Phone; Serial: SAR1

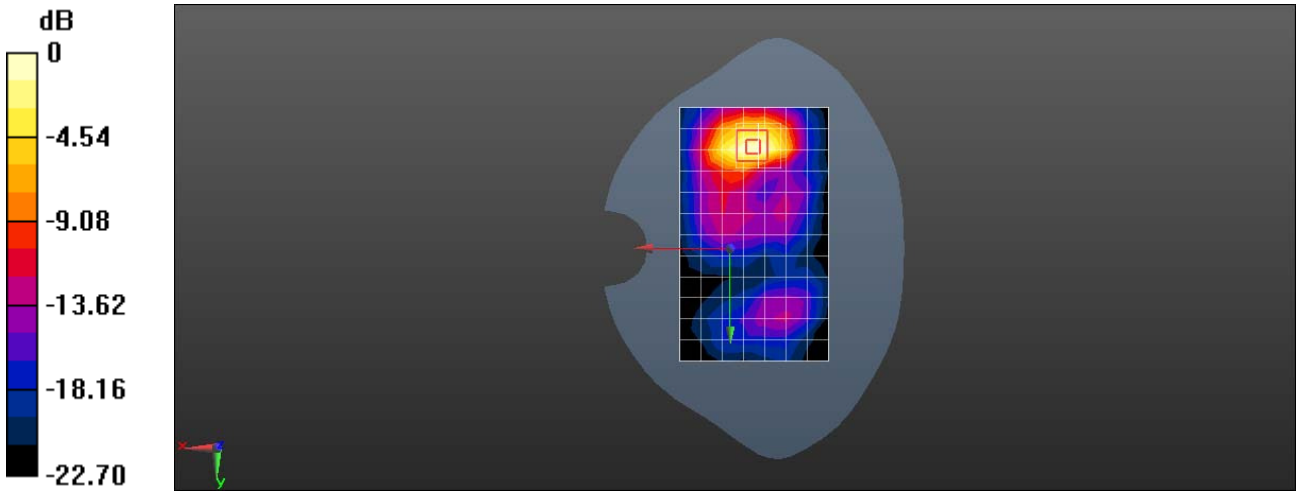
Communication System: UID 0, HW-GSM\GPRS\EGPRS-2TS (0); Frequency: 1909.8 MHz;Duty Cycle: 1:4.10015
Medium parameters used: f = 1910 MHz; σ = 1.559 S/m; ε_r = 51.913; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.15, 7.15, 7.15); Calibrated: 2016-4-26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2016-4-20
- Phantom: SAM2; Type: SAM; Serial: TP:1474
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.52 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.596 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 2.06 W/kg
SAR(1 g) = 1.15 W/kg; SAR(10 g) = 0.584 W/kg
Maximum value of SAR (measured) = 1.71 W/kg



0 dB = 1.52 W/kg = 1.82 dBW/kg

Date: 2016-11-7

Test Laboratory: HUAWEI SAR/HAC Lab

PRA-LX3 UMTS Band II 9262CH Right touch with Battery2

DUT: PRA-LX3; Type: Smart Phone; Serial: SAR1

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; σ = 1.366 S/m; ε_r = 38.744; ρ = 1000 kg/m^3

Phantom section: Right Section

DASY Configuration:

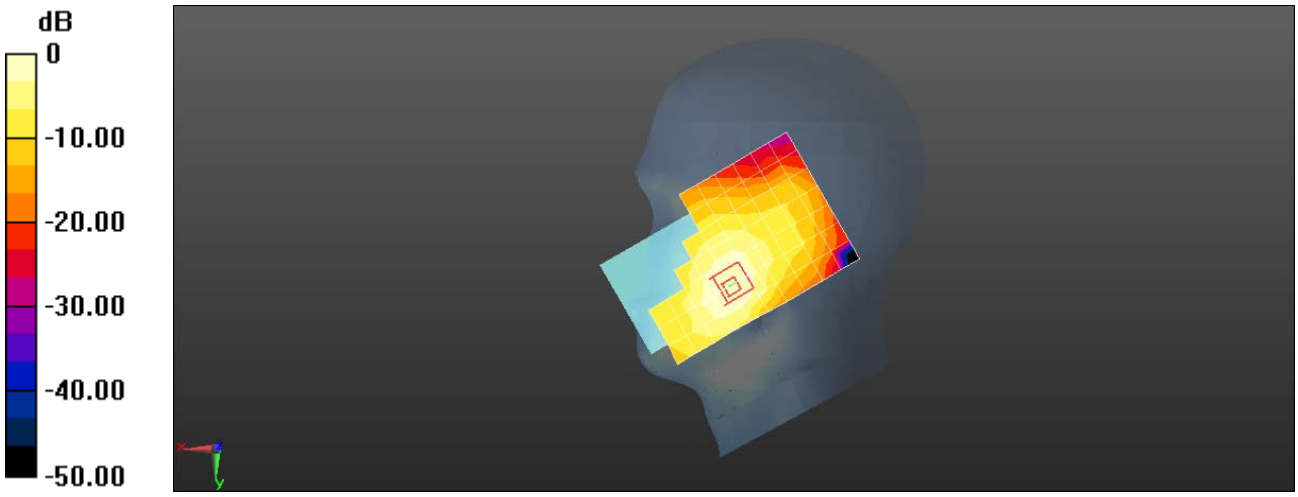
- Probe: ES3DV3 - SN3168; ConvF(5.33, 5.33, 5.33); Calibrated: 2016-9-27;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn852; Calibrated: 2016-4-20
- Phantom: SAM2; Type: SAM; Serial: TP:1474
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7331)

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.209 W/kg

Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.161 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 0.259 W/kg
SAR(1 g) = 0.181 W/kg; SAR(10 g) = 0.115 W/kg

Info: Interpolated medium parameters used for SAR evaluation.



0 dB = 0.209 W/kg = -6.80 dBW/kg

Date: 2016-10-26

Test Laboratory: HUAWEI SAR/HAC Lab

PRA-LX3 UMTS Band II 9538CH Back side 15mm

DUT: PRA-LX3; Type: Smart Phone; Serial: SAR1

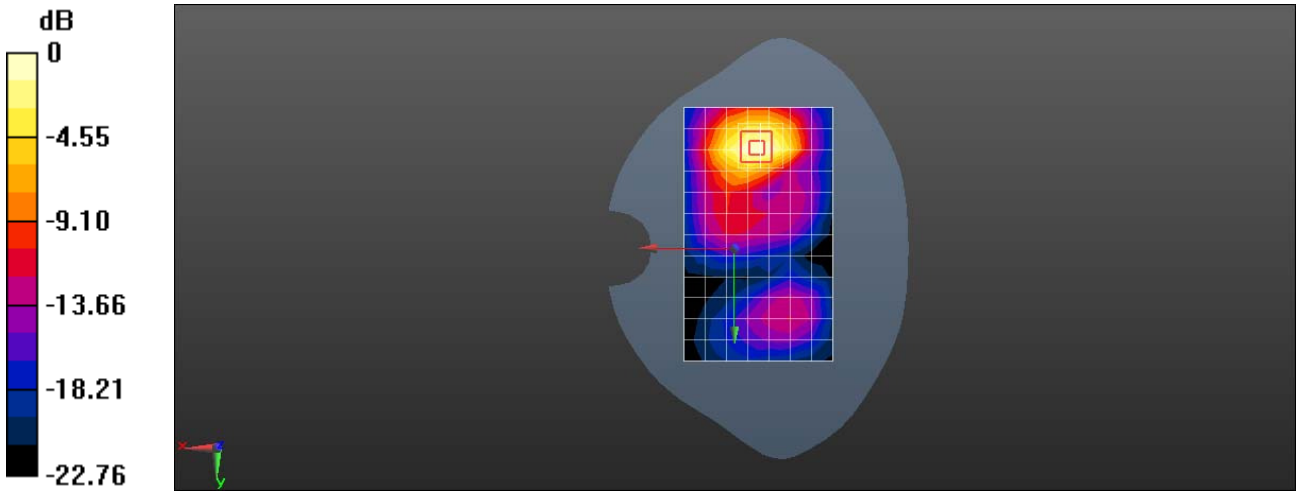
Communication System: UID 0, HW-UMTS-FDD(WCDMA) (0); Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1908 MHz; σ = 1.558 S/m; ε_r = 51.918; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.15, 7.15, 7.15); Calibrated: 2016-4-26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2016-4-20
- Phantom: SAM2; Type: SAM; Serial: TP:1474
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.39 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.228 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 1.77 W/kg
SAR(1 g) = 1.05 W/kg; SAR(10 g) = 0.570 W/kg
Maximum value of SAR (measured) = 1.48 W/kg



0 dB = 1.39 W/kg = 1.43 dBW/kg

Date: 2016-10-26

Test Laboratory: HUAWEI SAR/HAC Lab

PRA-LX3 UMTS Band II 9538CH Back side 10mm with Battery3

DUT: PRA-LX3; Type: Smart Phone; Serial: SAR1

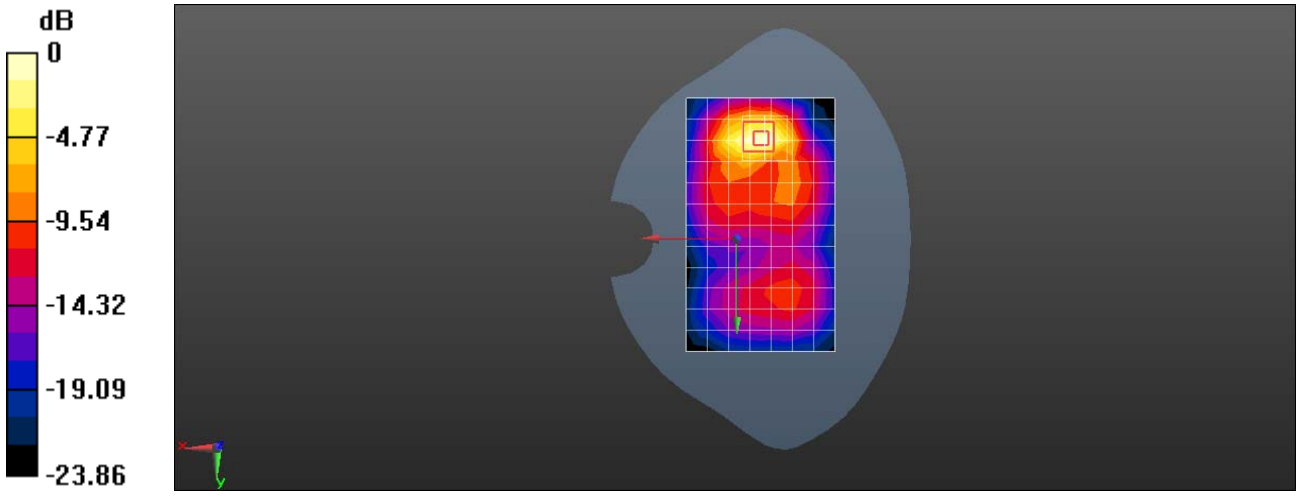
Communication System: UID 0, HW-UMTS-FDD(WCDMA) (0); Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1908 MHz; σ = 1.558 S/m; ε_r = 51.918; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(7.48, 7.48, 7.48); Calibrated: 2016-7-26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2016-4-20
- Phantom: SAM2; Type: SAM; Serial: TP:1474
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.39 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.962 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 1.88 W/kg
SAR(1 g) = 1.03 W/kg; SAR(10 g) = 0.524 W/kg
Maximum value of SAR (measured) = 1.57 W/kg



0 dB = 1.39 W/kg = 1.43 dBW/kg

Date: 2016-10-28

Test Laboratory: HUAWEI SAR/HAC Lab

PRA-LX3 UMTS Band IV 1513CH Left touch with Battery 3

DUT: PRA-LX3; Type: Smart Phone; Serial: SAR1

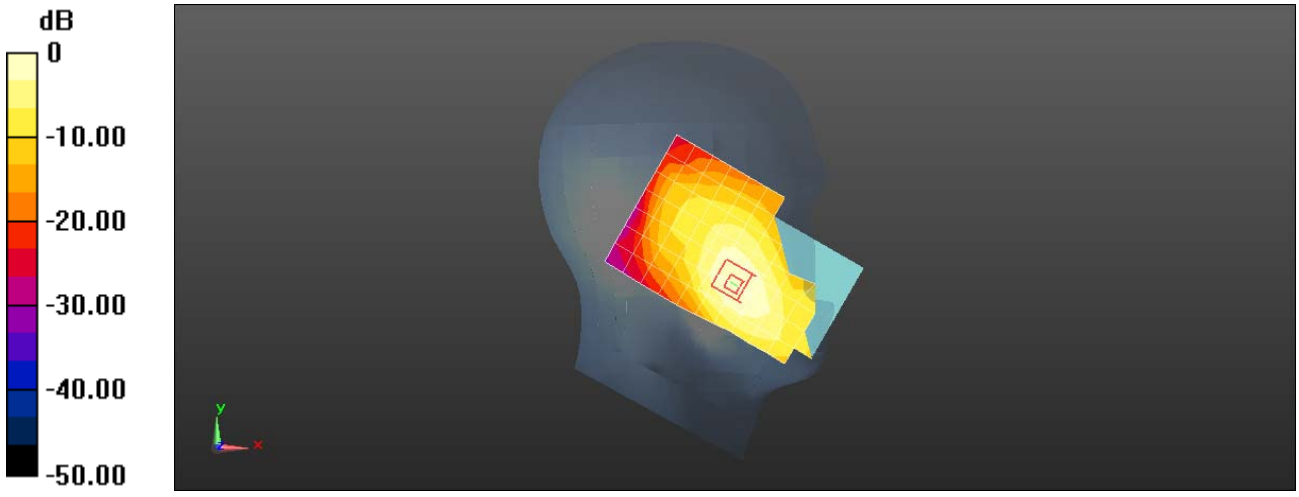
Communication System: UID 0, HW-UMTS-FDD(WCDMA) (0); Frequency: 1752.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1753 MHz; σ = 1.373 S/m; ε_r = 40.103; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.58, 5.58, 5.58); Calibrated: 2016-9-27;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn852; Calibrated: 2016-4-20
- Phantom: SAM2; Type: SAM; Serial: TP:1474
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.217 W/kg

Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.751 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 0.280 W/kg
SAR(1 g) = 0.186 W/kg; SAR(10 g) = 0.117 W/kg
Maximum value of SAR (measured) = 0.219 W/kg



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

Date: 2016-10-30

Test Laboratory: HUAWEI SAR/HAC Lab

PRA-LX3 UMTS Band IV 1312CH Back side 15mm with Battery2

DUT: PRA-LX3; Type: Smart Phone; Serial: SAR1

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; σ = 1.411 S/m; ε_r = 52.416; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY Configuration:

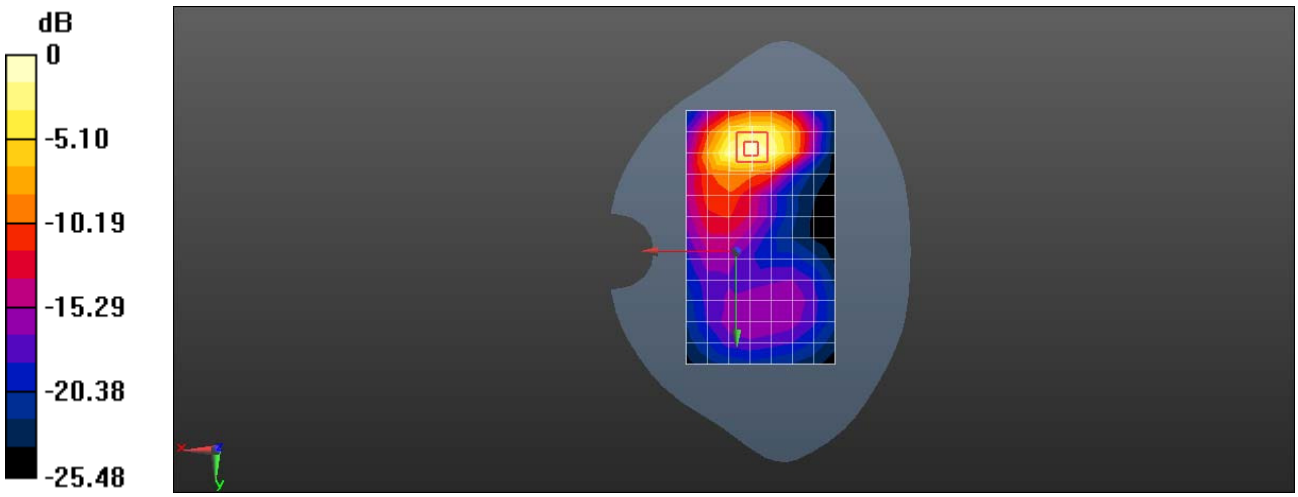
- Probe: ES3DV3 - SN3168; ConvF(5.22, 5.22, 5.22); Calibrated: 2016-9-27;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn852; Calibrated: 2016-4-20
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7331)

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.31 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.508 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 1.78 W/kg
SAR(1 g) = 1.11 W/kg; SAR(10 g) = 0.621 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.35 W/kg



0 dB = 1.31 W/kg = 1.17 dBW/kg

Date: 2016-10-30

Test Laboratory: HUAWEI SAR/HAC Lab

PRA-LX3 UMTS Band IV 1413CH Back side 10mm

DUT: PRA-LX3; Type: Smart Phone; Serial: SAR1

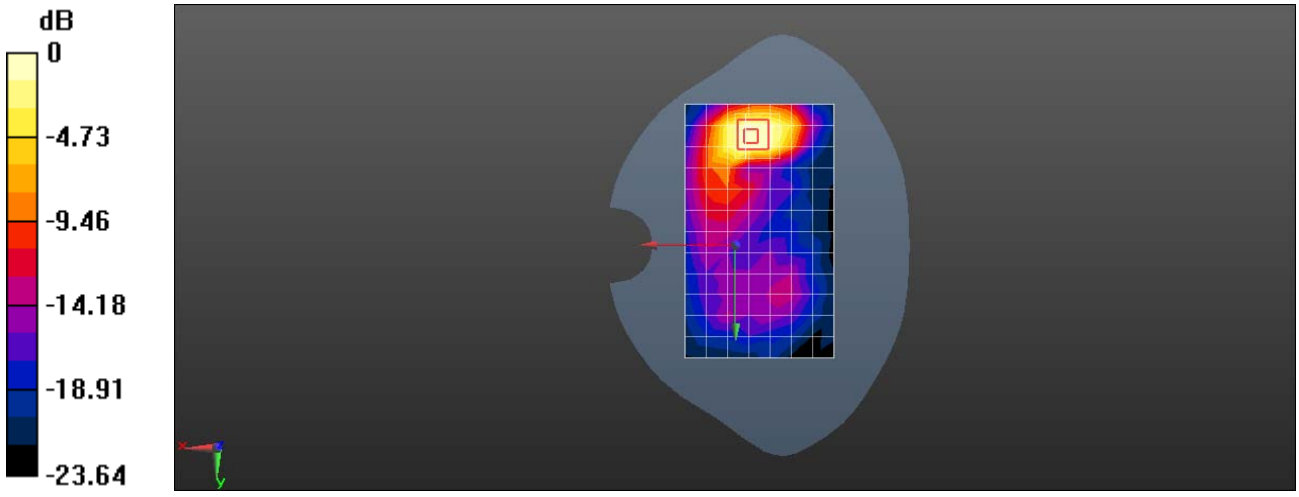
Communication System: UID 0, HW-UMTS-FDD(WCDMA) (0); Frequency: 1732.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1733 MHz; σ = 1.432 S/m; ε_r = 52.361; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.22, 5.22, 5.22); Calibrated: 2016-9-27;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn852; Calibrated: 2016-4-20
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.498 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.819 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 1.14 W/kg
SAR(1 g) = 0.641 W/kg; SAR(10 g) = 0.327 W/kg
Maximum value of SAR (measured) = 0.789 W/kg



0 dB = 0.498 W/kg = -3.03 dBW/kg

Date: 2016-11-4

Test Laboratory: HUAWEI SAR/HAC Lab

PRA-LX3 UMTS Band V 4233CH Left touch with Battery3

DUT: PRA-LX3; Type: Smart Phone; Serial: SAR1

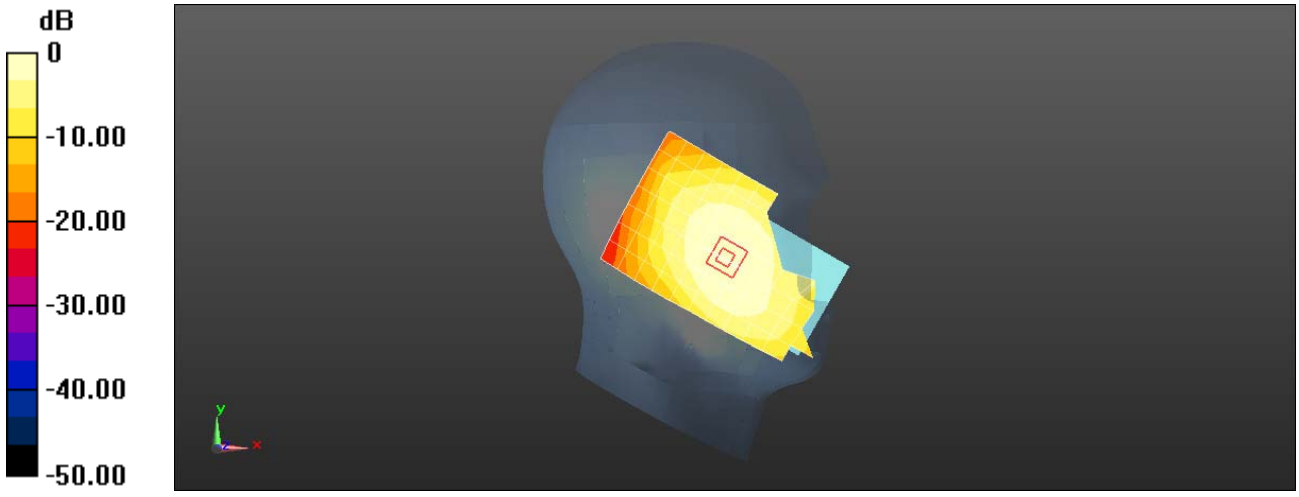
Communication System: UID 0, HW-UMTS-FDD(WCDMA) (0); Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 847 MHz; σ = 0.877 S/m; ε_r = 40.135; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(6.68, 6.68, 6.68); Calibrated: 2016-9-27;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn852; Calibrated: 2016-4-20
- Phantom: SAM2; Type: SAM; Serial: TP:1474
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.284 W/kg

Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.990 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.334 W/kg
SAR(1 g) = 0.271 W/kg; SAR(10 g) = 0.209 W/kg
Maximum value of SAR (measured) = 0.298 W/kg



0 dB = 0.284 W/kg = -5.47 dBW/kg

Date: 2016-11-3

Test Laboratory: HUAWEI SAR/HAC Lab

PRA-LX3 UMTS Band V 4182CH Back side 15mm

DUT: PRA-LX3; Type: Smart Phone; Serial: SAR1

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; σ = 0.996 S/m; ε_r = 56.038; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

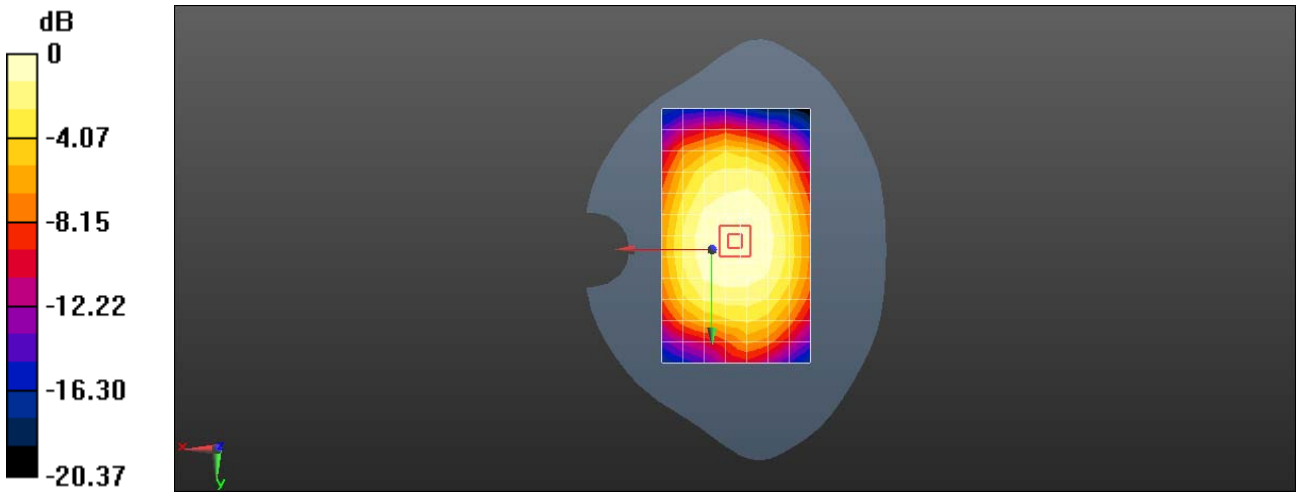
- Probe: ES3DV3 - SN3168; ConvF(6.33, 6.33, 6.33); Calibrated: 2016-9-27;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn852; Calibrated: 2016-4-20
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7331)

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.360 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.63 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.420 W/kg
SAR(1 g) = 0.333 W/kg; SAR(10 g) = 0.256 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.365 W/kg



0 dB = 0.360 W/kg = -4.44 dBW/kg

Date: 2016-11-3

Test Laboratory: HUAWEI SAR/HAC Lab

PRA-LX3 UMTS Band V 4182CH Back side 10mm

DUT: PRA-LX3; Type: Smart Phone; Serial: SAR1

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; σ = 0.996 S/m; ε_r = 56.038; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(6.33, 6.33, 6.33); Calibrated: 2016-9-27;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn852; Calibrated: 2016-4-20
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7331)

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.416 W/kg

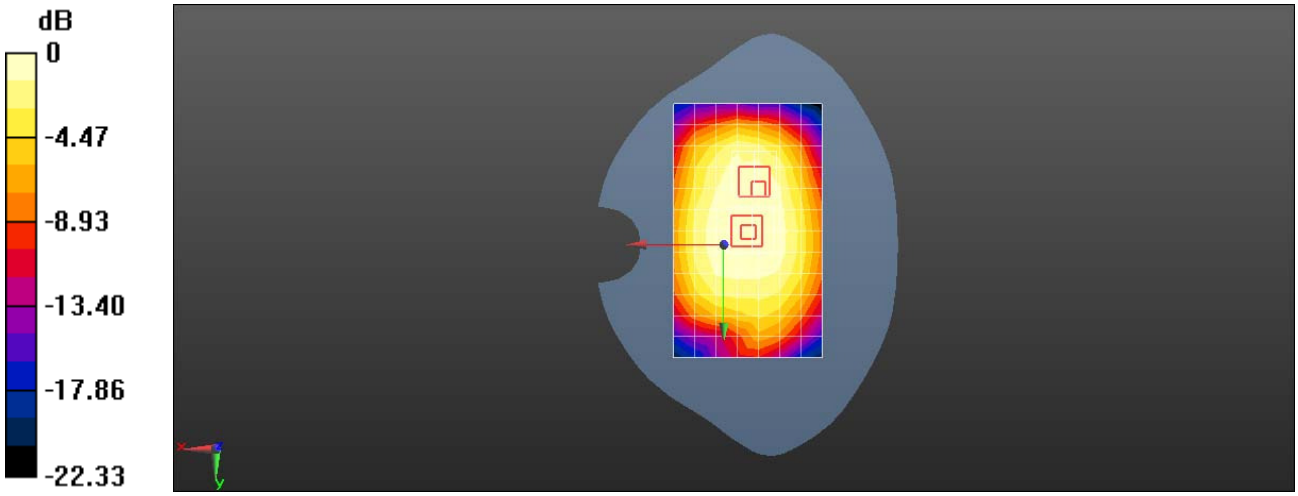
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.90 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.476 W/kg
SAR(1 g) = 0.381 W/kg; SAR(10 g) = 0.295 W/kg

Info: Interpolated medium parameters used for SAR evaluation.

Configuration/Body/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.90 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.446 W/kg
SAR(1 g) = 0.328 W/kg; SAR(10 g) = 0.233 W/kg

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.373 W/kg



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

Date: 2016-11-7

Test Laboratory: HUAWEI SAR/HAC Lab

PRA-LX3 LTE Band II 20M QPSK 1RB 50 offset 18700CH Right touch

DUT: PRA-LX3; Type: Smart Phone; Serial: SAR1

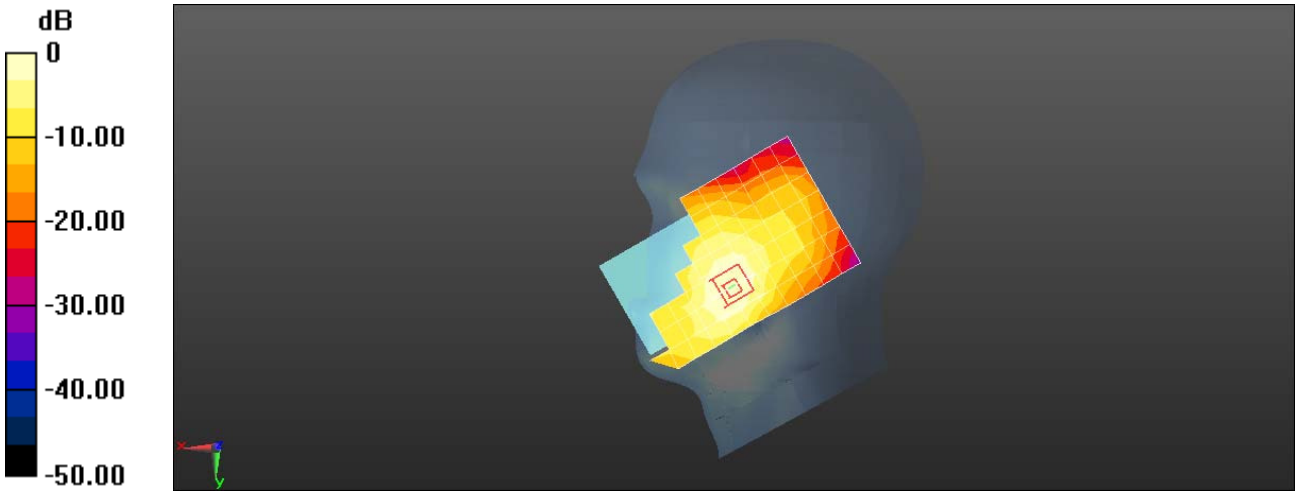
Communication System: UID 0, LTE-FDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 1860 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1860 MHz; σ = 1.373 S/m; ε_r = 38.715; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.33, 5.33, 5.33); Calibrated: 2016-9-27;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn852; Calibrated: 2016-4-20
- Phantom: SAM2; Type: SAM; Serial: TP:1474
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.314 W/kg

Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.605 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 0.396 W/kg
SAR(1 g) = 0.270 W/kg; SAR(10 g) = 0.168 W/kg



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

Date: 2016-11-8

Test Laboratory: HUAWEI SAR/HAC Lab

PRA-LX3 LTE Band II 20M QPSK 1RB 50 offset 18700CH Back side 15mm

DUT: PRA-LX3; Type: Smart Phone; Serial: SAR1

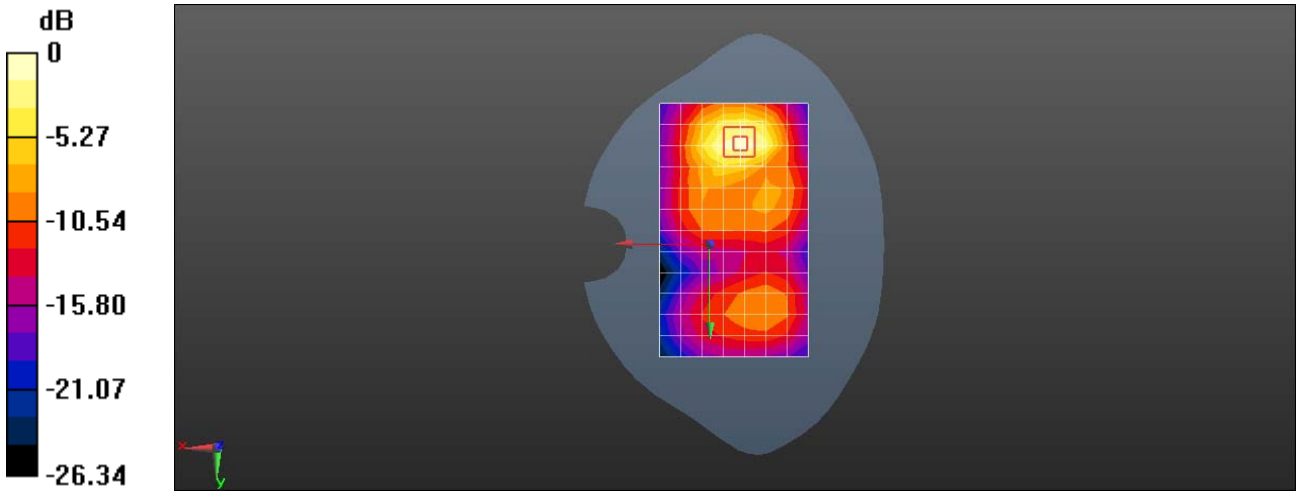
Communication System: UID 0, LTE-FDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 1860 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1860 MHz; σ = 1.527 S/m; ε_r = 53.058; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.99, 4.99, 4.99); Calibrated: 2016-9-27;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn852; Calibrated: 2016-4-20
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.728 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.085 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.988 W/kg
SAR(1 g) = 0.599 W/kg; SAR(10 g) = 0.334 W/kg
Maximum value of SAR (measured) = 0.731 W/kg



0 dB = 0.728 W/kg = -1.38 dBW/kg

Date: 2016-10-23

Test Laboratory: HUAWEI SAR/HAC Lab

PRA-LX3 LTE Band II 20M QPSK 1RB 50 offset 18900CH Back side 10mm

DUT: PRA-LX3; Type: Smart Phone; Serial: SAR1

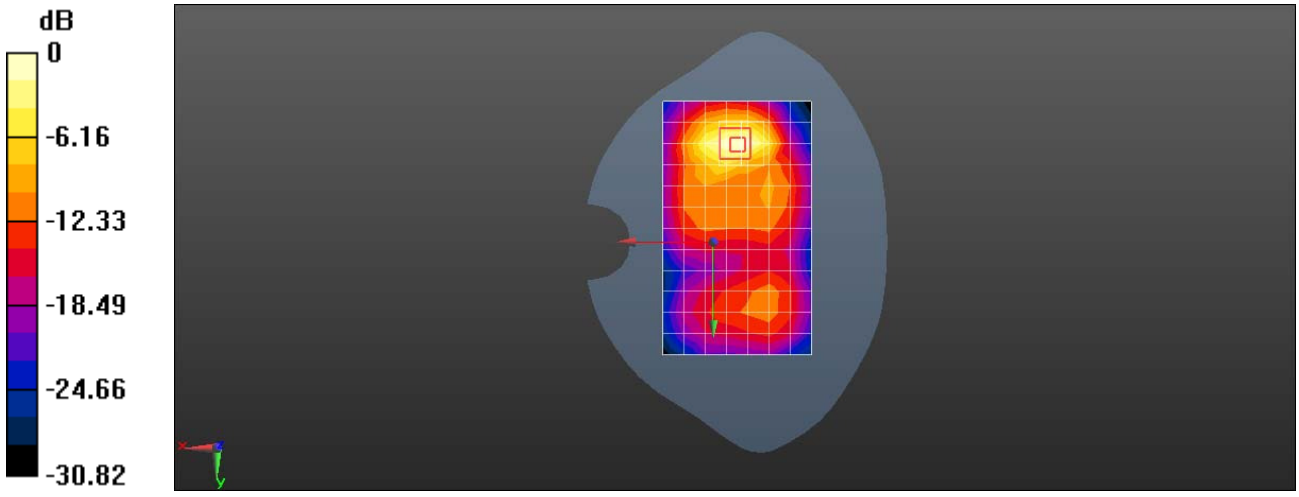
Communication System: UID 0, LTE-FDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.527 S/m; ε_r = 52.131; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(7.48, 7.48, 7.48); Calibrated: 2016-7-26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2016-4-20
- Phantom: SAM2; Type: SAM; Serial: TP:1474
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.67 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.395 V/m; Power Drift = 0.19 dB
Peak SAR (extrapolated) = 2.20 W/kg
SAR(1 g) = 1.22 W/kg; SAR(10 g) = 0.621 W/kg
Maximum value of SAR (measured) = 1.82 W/kg



0 dB = 1.67 W/kg = 2.23 dBW/kg

Date: 2016-10-28

Test Laboratory: HUAWEI SAR/HAC Lab

PRA-LX3 LTE Band IV 20M QPSK 1RB 50 offset 20300CH Left touch with Battery 3

DUT: PRA-LX3; Type: Smart Phone; Serial: SAR1

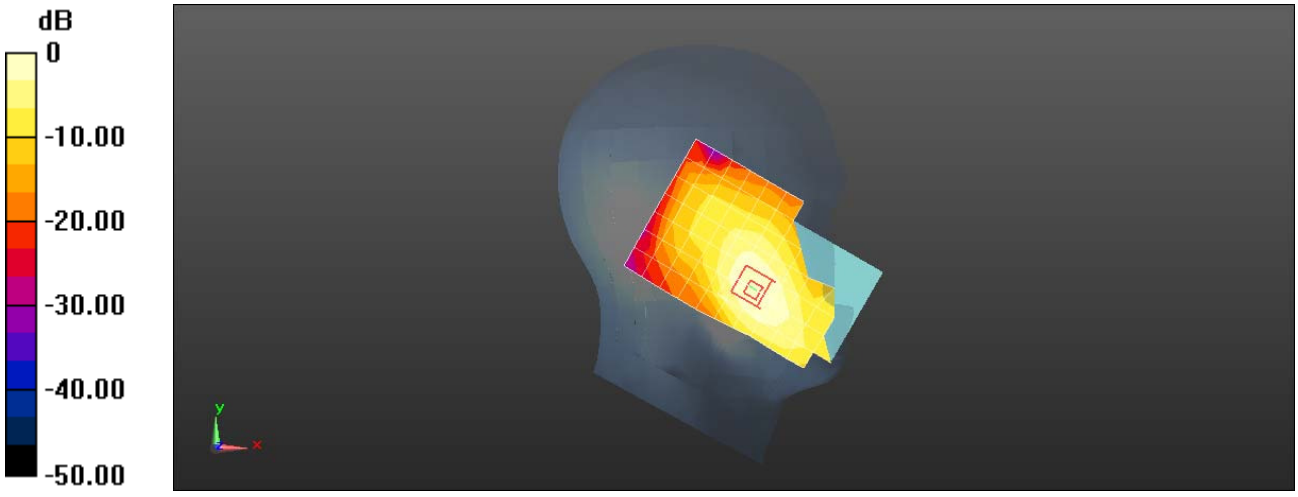
Communication System: UID 0, LTE-FDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 1745 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1745 MHz; σ = 1.365 S/m; ε_r = 40.167; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.58, 5.58, 5.58); Calibrated: 2016-9-27;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn852; Calibrated: 2016-4-20
- Phantom: SAM2; Type: SAM; Serial: TP:1474
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.192 W/kg

Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.818 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 0.241 W/kg
SAR(1 g) = 0.162 W/kg; SAR(10 g) = 0.102 W/kg
Maximum value of SAR (measured) = 0.189 W/kg



0 dB = 0.192 W/kg = -7.17 dBW/kg

Date: 2016-10-30

Test Laboratory: HUAWEI SAR/HAC Lab

PRA-LX3 LTE Band IV 20M QPSK 1RB 50 offset 20050CH Back side 15mm-repeated

DUT: PRA-LX3; Type: Smart Phone; Serial: SAR1

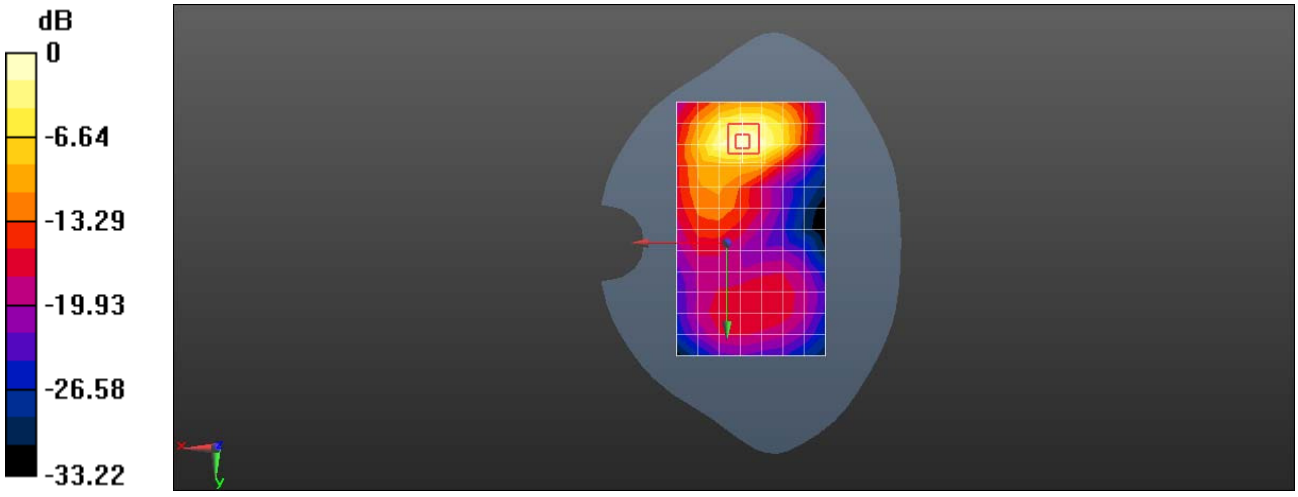
Communication System: UID 0, LTE-FDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 1720 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1720 MHz; σ = 1.419 S/m; ε_r = 52.392; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.22, 5.22, 5.22); Calibrated: 2016-9-27;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn852; Calibrated: 2016-4-20
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.02 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.746 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 1.39 W/kg
SAR(1 g) = 0.874 W/kg; SAR(10 g) = 0.493 W/kg
Maximum value of SAR (measured) = 1.05 W/kg



0 dB = 1.02 W/kg = 0.09 dBW/kg

Date: 2016-10-30

Test Laboratory: HUAWEI SAR/HAC Lab

PRA-LX3 LTE Band IV 20M QPSK 1RB 50 offset 20175CH Back side 10mm

DUT: PRA-LX3; Type: Smart Phone; Serial: SAR1

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; σ = 1.432 S/m; ε_r = 52.362; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY Configuration:

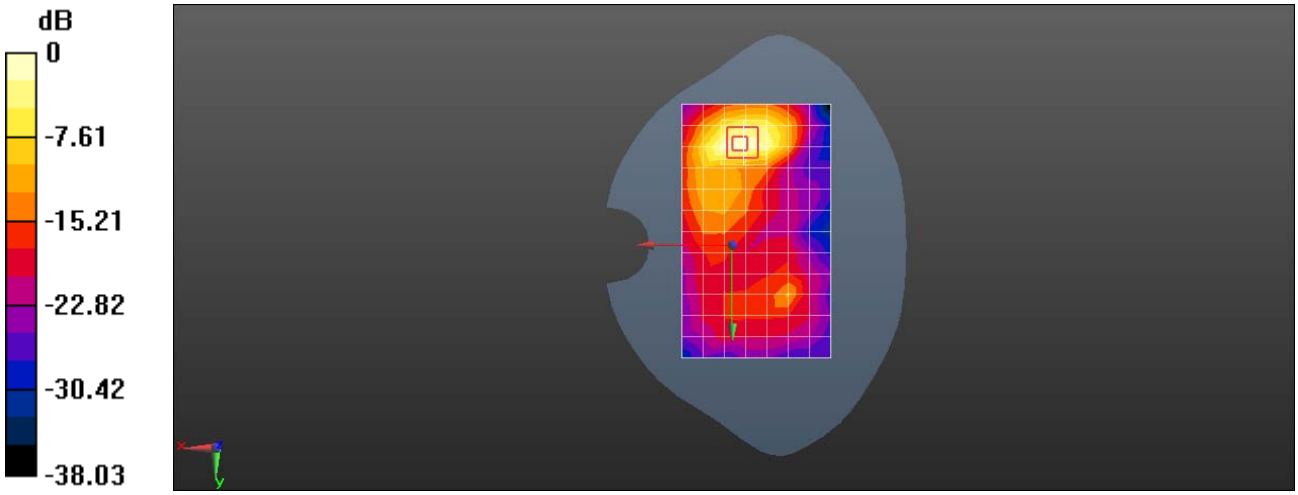
- Probe: ES3DV3 - SN3168; ConvF(5.22, 5.22, 5.22); Calibrated: 2016-9-27;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn852; Calibrated: 2016-4-20
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7331)

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.498 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.756 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 0.742 W/kg
SAR(1 g) = 0.424 W/kg; SAR(10 g) = 0.216 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.508 W/kg



0 dB = 0.498 W/kg = -3.03 dBW/kg

Date: 2016-11-5

Test Laboratory: HUAWEI SAR/HAC Lab

PRA-LX3 LTE Band V 10M QPSK 1RB 25 offset 20525CH Right touch with Baterry2

DUT: PRA-LX3; Type: Smart Phone; Serial: SAR1

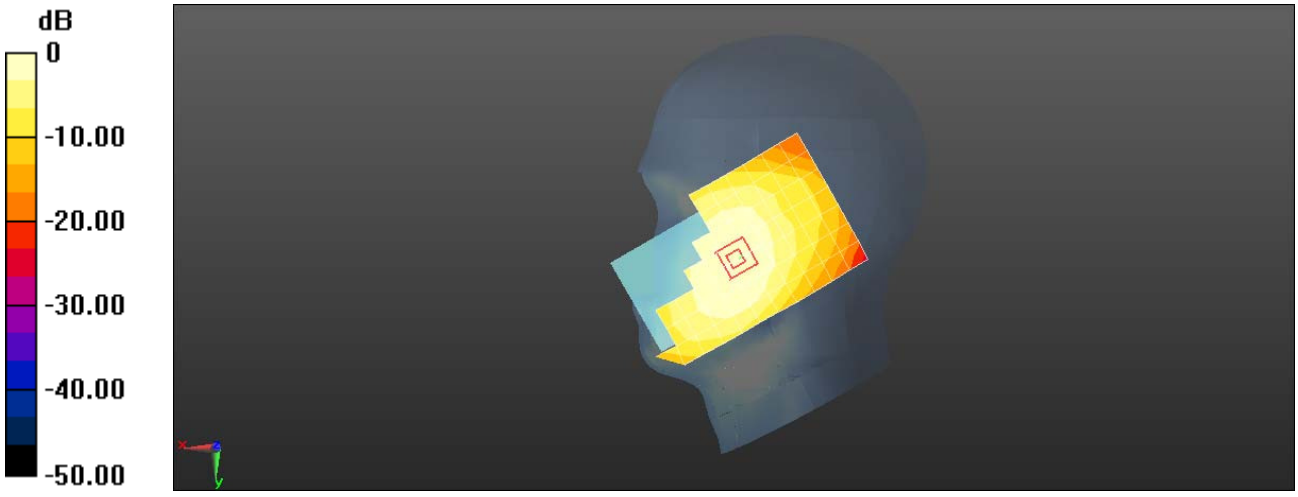
Communication System: UID 0, LTE-FDD (SC-FDMA, 10MHz, QPSK/16-QAM) (0); Frequency: 844 MHz;Duty Cycle: 1:1
Medium parameters used: f = 844 MHz; σ = 0.877 S/m; ε_r = 40.165; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(6.68, 6.68, 6.68); Calibrated: 2016-9-27;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn852; Calibrated: 2016-4-20
- Phantom: SAM2; Type: SAM; Serial: TP:1474
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.248 W/kg

Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.712 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.286 W/kg
SAR(1 g) = 0.235 W/kg; SAR(10 g) = 0.183 W/kg
Maximum value of SAR (measured) = 0.255 W/kg



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

Date: 2016-11-4

Test Laboratory: HUAWEI SAR/HAC Lab

PRA-LX3 LTE Band V 10M QPSK 1RB 25 offset 20525CH Back side 15mm

DUT: PRA-LX3; Type: Smart Phone; Serial: SAR1

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; σ = 0.996 S/m; ε_r = 56.037; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

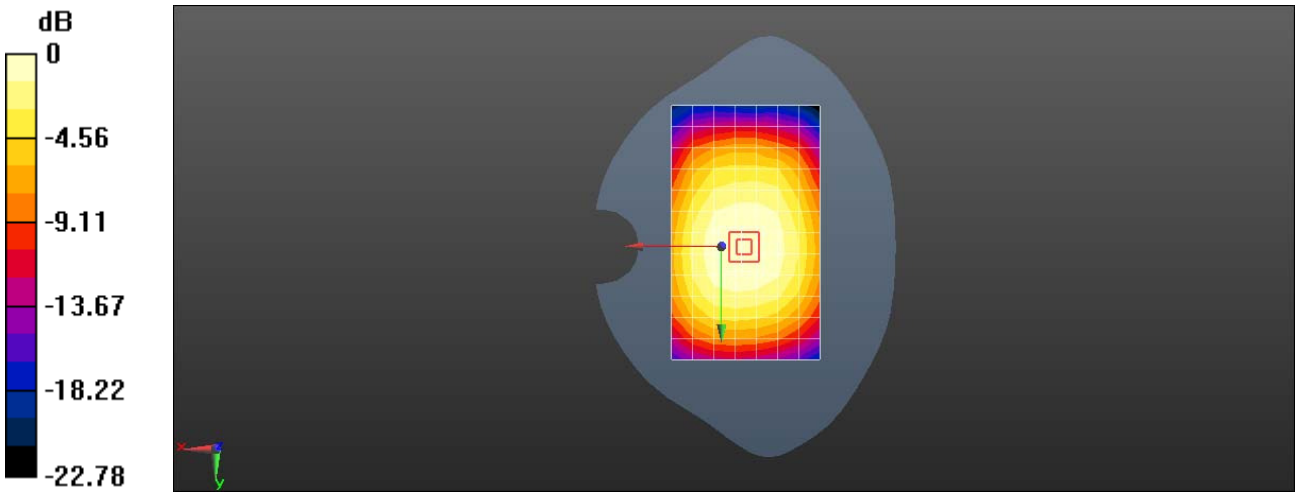
- Probe: ES3DV3 - SN3168; ConvF(6.33, 6.33, 6.33); Calibrated: 2016-9-27;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn852; Calibrated: 2016-4-20
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7331)

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.460 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.15 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.532 W/kg
SAR(1 g) = 0.423 W/kg; SAR(10 g) = 0.324 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.464 W/kg



0 dB = 0.460 W/kg = -3.37 dBW/kg

Date: 2016-11-4

Test Laboratory: HUAWEI SAR/HAC Lab

PRA-LX3 LTE Band V 10M QPSK 1RB 25 offset 20525CH Back side 10mm with Battery3

DUT: PRA-LX3; Type: Smart Phone; Serial: SAR1

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; σ = 0.996 S/m; ε_r = 56.037; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(6.33, 6.33, 6.33); Calibrated: 2016-9-27;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn852; Calibrated: 2016-4-20
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7331)

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.483 W/kg

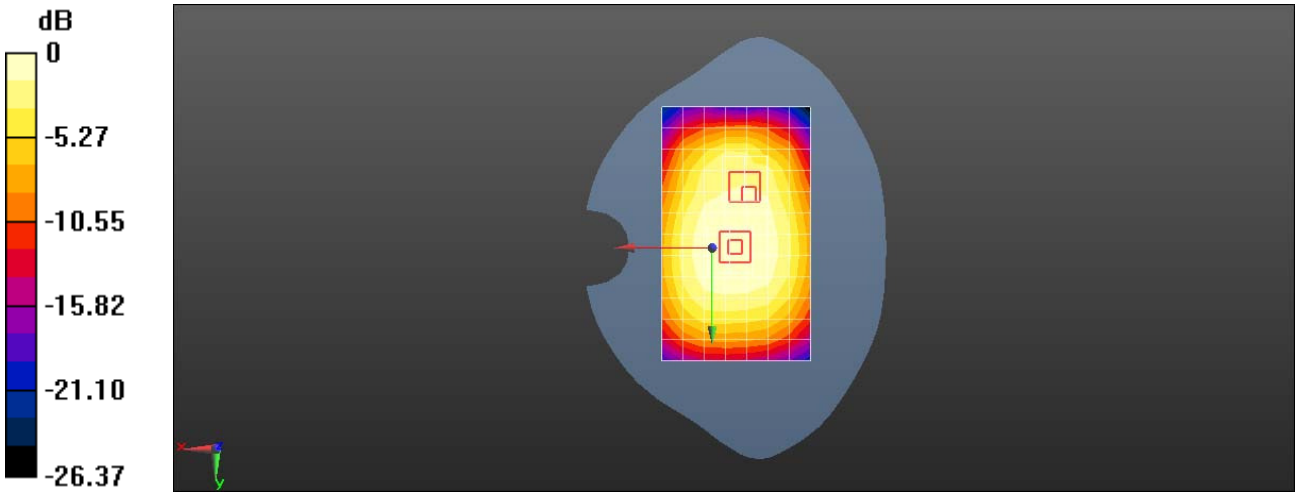
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.89 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.558 W/kg
SAR(1 g) = 0.448 W/kg; SAR(10 g) = 0.347 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.488 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.89 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.432 W/kg
SAR(1 g) = 0.317 W/kg; SAR(10 g) = 0.218 W/kg

Info: Interpolated medium parameters used for SAR evaluation.

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



0 dB = 0.483 W/kg = -3.16 dBW/kg

Date: 2016-10-28

Test Laboratory: HUAWEI SAR/HAC Lab

PRA-LX3 LTE Band VII 20M QPSK 1RB 50 offset 20850CH Left touch with Battery 2

DUT: PRA-LX3; Type: Smart Phone; Serial: SAR1

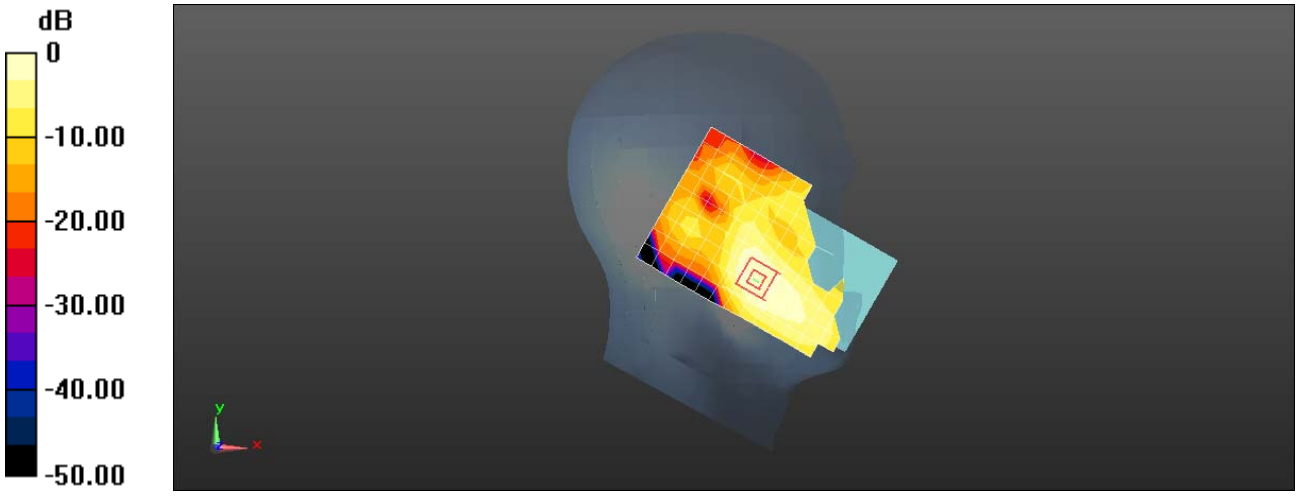
Communication System: UID 0, LTE-FDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 2510 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2510 MHz; σ = 1.881 S/m; ε_r = 38.266; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.69, 4.69, 4.69); Calibrated: 2016-9-27;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn852; Calibrated: 2016-4-20
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (10x15x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.215 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.058 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 0.335 W/kg
SAR(1 g) = 0.191 W/kg; SAR(10 g) = 0.105 W/kg
Maximum value of SAR (measured) = 0.234 W/kg



0 dB = 0.215 W/kg = -6.68 dBW/kg

Date: 2016-11-1

Test Laboratory: HUAWEI SAR/HAC Lab

PRA-LX3 LTE Band VII 20M QPSK 1RB 50 offset 21100CH Front side 15mm

DUT: PRA-LX3; Type: Smart Phone; Serial: SAR1

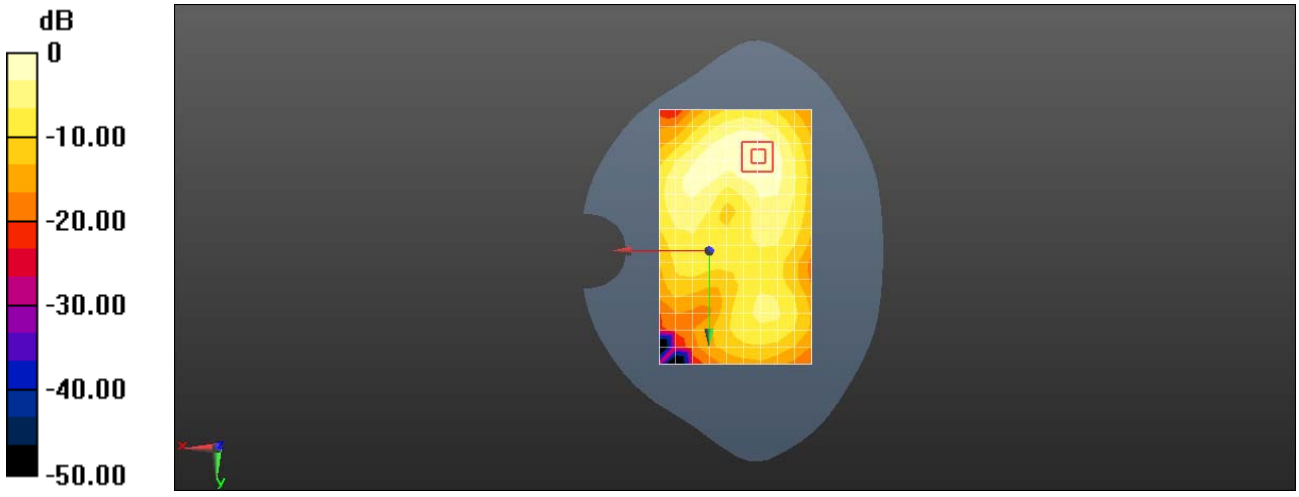
Communication System: UID 0, LTE-FDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 2535 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2535 MHz; σ = 2.147 S/m; ε_r = 52.42; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.31, 4.31, 4.31); Calibrated: 2016-9-27;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn852; Calibrated: 2016-4-20
- Phantom: SAM2; Type: SAM; Serial: TP:1474
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (10x16x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.294 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.768 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 0.451 W/kg
SAR(1 g) = 0.236 W/kg; SAR(10 g) = 0.129 W/kg
Maximum value of SAR (measured) = 0.292 W/kg



0 dB = 0.294 W/kg = -5.32 dBW/kg

Date: 2016-11-1

Test Laboratory: HUAWEI SAR/HAC Lab

PRA-LX3 LTE Band VII 20M QPSK 1RB 50 offset 20850CH Bottom side 10mm with Battery2

DUT: PRA-LX3; Type: Smart Phone; Serial: SAR1

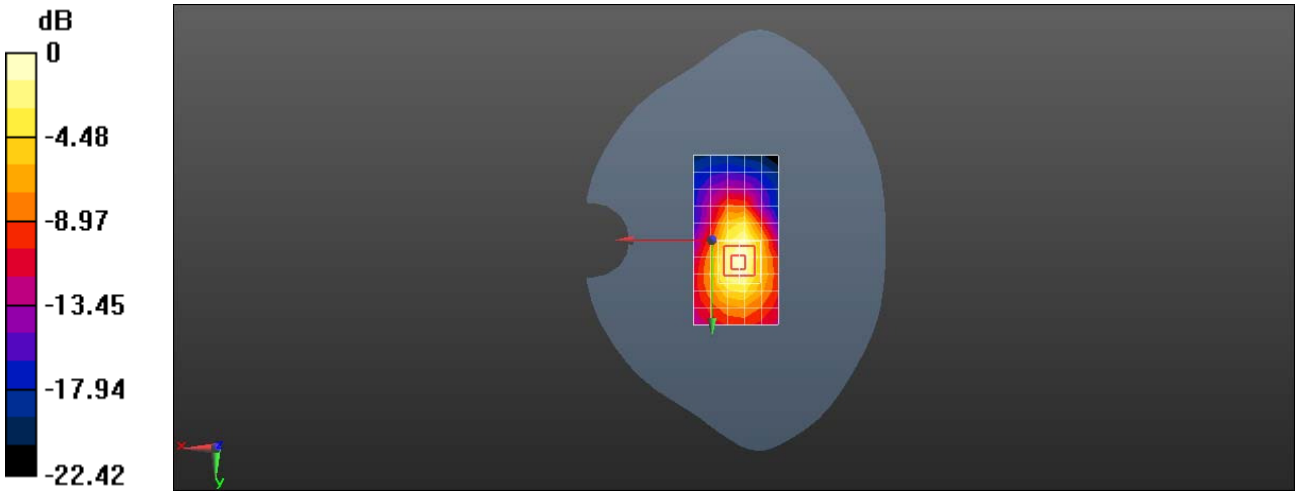
Communication System: UID 0, LTE-FDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 2510 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2510 MHz; σ = 2.117 S/m; ε_r = 52.536; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.31, 4.31, 4.31); Calibrated: 2016-9-27;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn852; Calibrated: 2016-4-20
- Phantom: SAM2; Type: SAM; Serial: TP:1474
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (6x11x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.838 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 17.53 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 1.45 W/kg
SAR(1 g) = 0.715 W/kg; SAR(10 g) = 0.344 W/kg
Maximum value of SAR (measured) = 0.934 W/kg



0 dB = 0.838 W/kg = -0.77 dBW/kg

Date: 2016-11-8

Test Laboratory: HUAWEI SAR/HAC Lab

PRA-LX3 LTE Band XII 10M QPSK 1RB 25 offset 23130CH Left Touch

DUT: PRA-LX3; Type: Smart Phone; Serial: SAR1

Communication System: UID 0, LTE-FDD (SC-FDMA, 10MHz, QPSK/16-QAM) (0); Frequency: 707.5 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 707.5 MHz; σ = 0.851 S/m; ε_r = 42.106; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY Configuration:

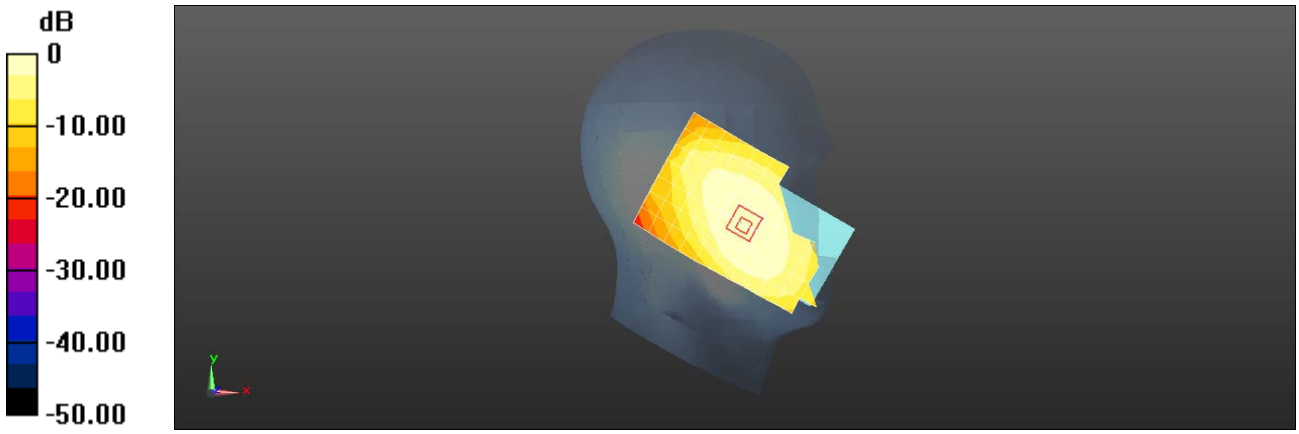
- Probe: ES3DV3 - SN3168; ConvF(6.93, 6.93, 6.93); Calibrated: 2016-9-27;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn852; Calibrated: 2016-4-20
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7331)

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.186 W/kg

Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.414 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 0.212 W/kg
SAR(1 g) = 0.175 W/kg; SAR(10 g) = 0.136 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.189 W/kg



0 dB = 0.186 W/kg = -7.30 dBW/kg

Date: 2016-11-6

Test Laboratory: HUAWEI SAR/HAC Lab

PRA-LX3 LTE Band XII 10M QPSK 1RB 25 offset 23060CH Back side 15mm with SIM2

DUT: PRA-LX3; Type: Smart Phone; Serial: SAR1

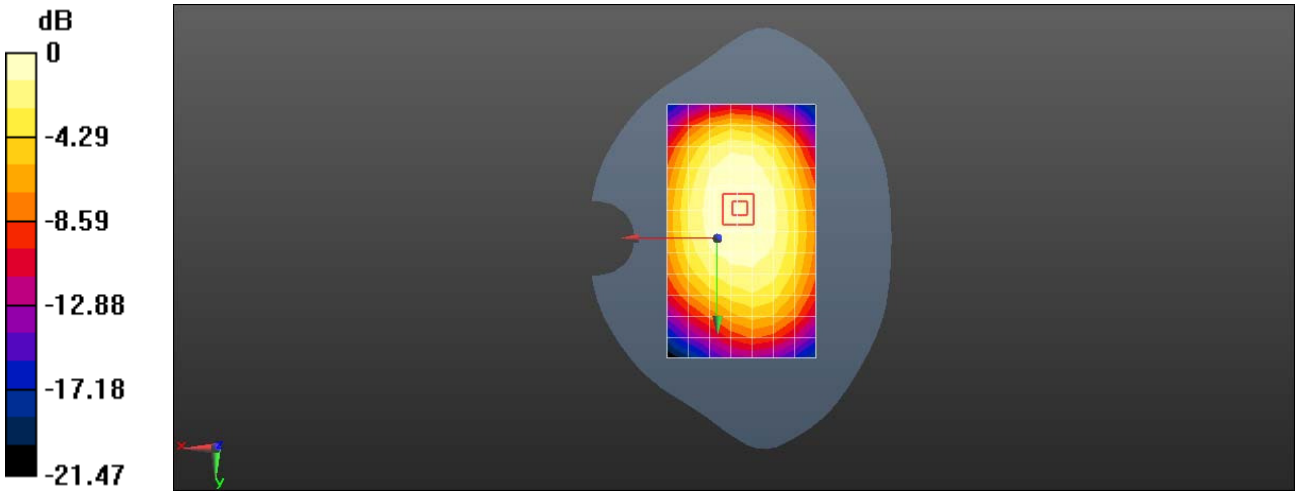
Communication System: UID 0, LTE-FDD (SC-FDMA, 10MHz, QPSK/16-QAM) (0); Frequency: 704 MHz;Duty Cycle: 1:1
Medium parameters used: f = 704 MHz; σ = 0.929 S/m; ε_r = 54.373; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(6.45, 6.45, 6.45); Calibrated: 2016-9-27;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn852; Calibrated: 2016-4-20
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.258 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.64 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.296 W/kg
SAR(1 g) = 0.238 W/kg; SAR(10 g) = 0.185 W/kg
Maximum value of SAR (measured) = 0.259 W/kg



0 dB = 0.258 W/kg = -5.88 dBW/kg

Date: 2016-11-6

Test Laboratory: HUAWEI SAR/HAC Lab

PRA-LX3 LTE Band XII 10M QPSK 1RB 25 offset 23060CH Back side 10mm with SIM2

DUT: PRA-LX3; Type: Smart Phone; Serial: SAR1

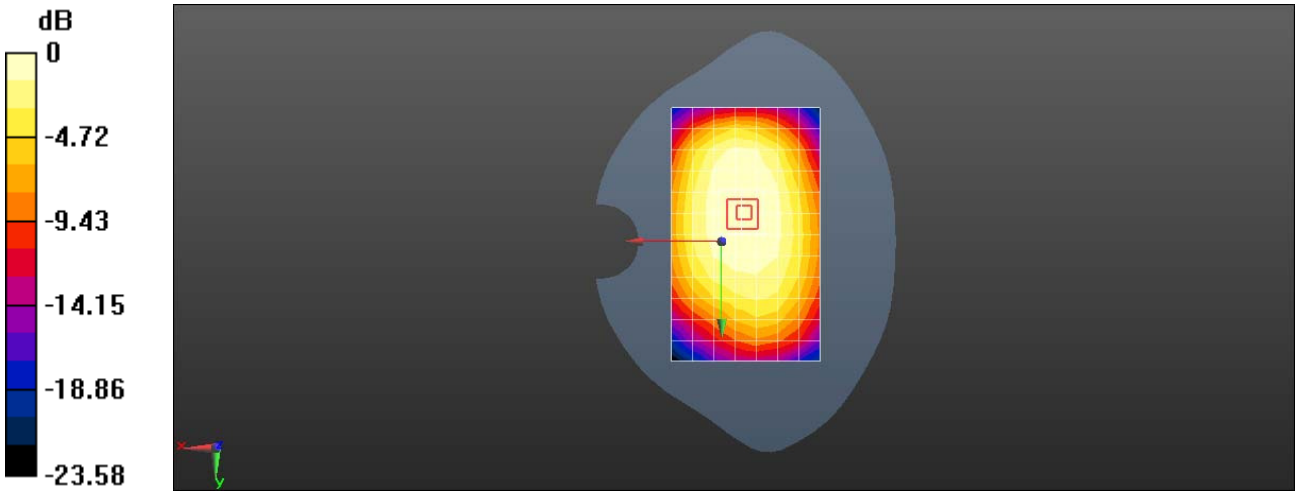
Communication System: UID 0, LTE-FDD (SC-FDMA, 10MHz, QPSK/16-QAM) (0); Frequency: 704 MHz;Duty Cycle: 1:1
Medium parameters used: f = 704 MHz; σ = 0.929 S/m; ε_r = 54.373; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(6.45, 6.45, 6.45); Calibrated: 2016-9-27;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn852; Calibrated: 2016-4-20
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.310 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.14 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.362 W/kg
SAR(1 g) = 0.292 W/kg; SAR(10 g) = 0.229 W/kg
Maximum value of SAR (measured) = 0.317 W/kg



0 dB = 0.310 W/kg = -5.09 dBW/kg

Date: 2016-11-4

Test Laboratory: HUAWEI SAR/HAC Lab

PRA-LX3 wifi2.4G 802.11b 11CH Left touch with Battery3

DUT: PRA-LX3; Type: Smart Phone; Serial: SAR1

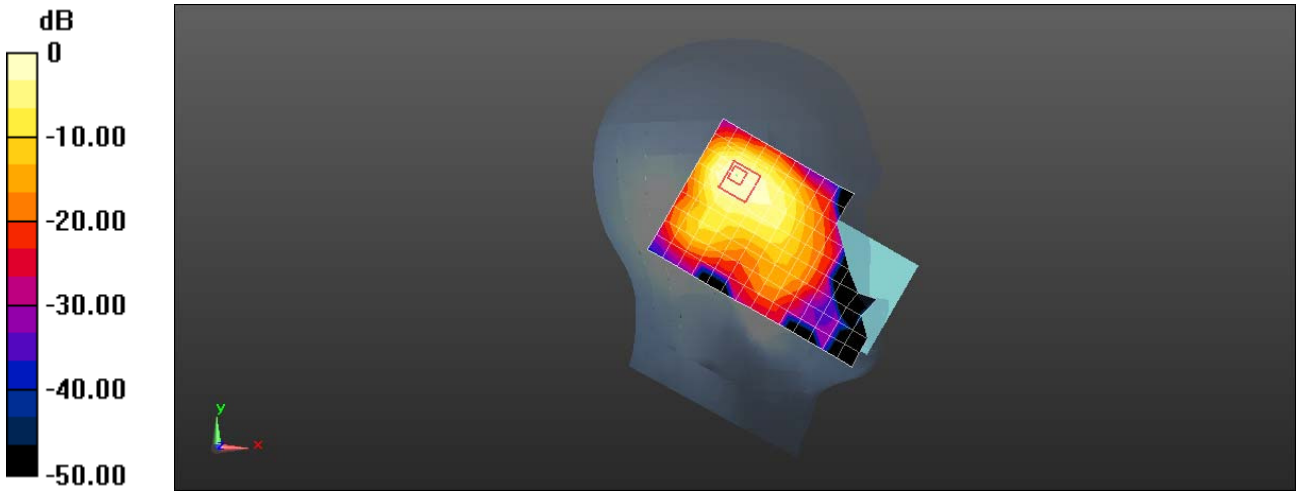
Communication System: UID 0, WiFi(802.11a/b/g/n/ac) (0); Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 1.841 S/m; ε_r = 39.232; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.73, 4.73, 4.73); Calibrated: 2016-9-27;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn852; Calibrated: 2016-4-20
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (10x16x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.689 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.342 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 1.34 W/kg
SAR(1 g) = 0.589 W/kg; SAR(10 g) = 0.281 W/kg
Maximum value of SAR (measured) = 0.747 W/kg



0 dB = 0.689 W/kg = -1.62 dBW/kg

Date: 2016-11-4

Test Laboratory: HUAWEI SAR/HAC Lab

PRA-LX3 wifi2.4G 802.11b 1CH Back side 15mm with Battery 2

DUT: PRA-LX3; Type: Smart Phone; Serial: SAR1

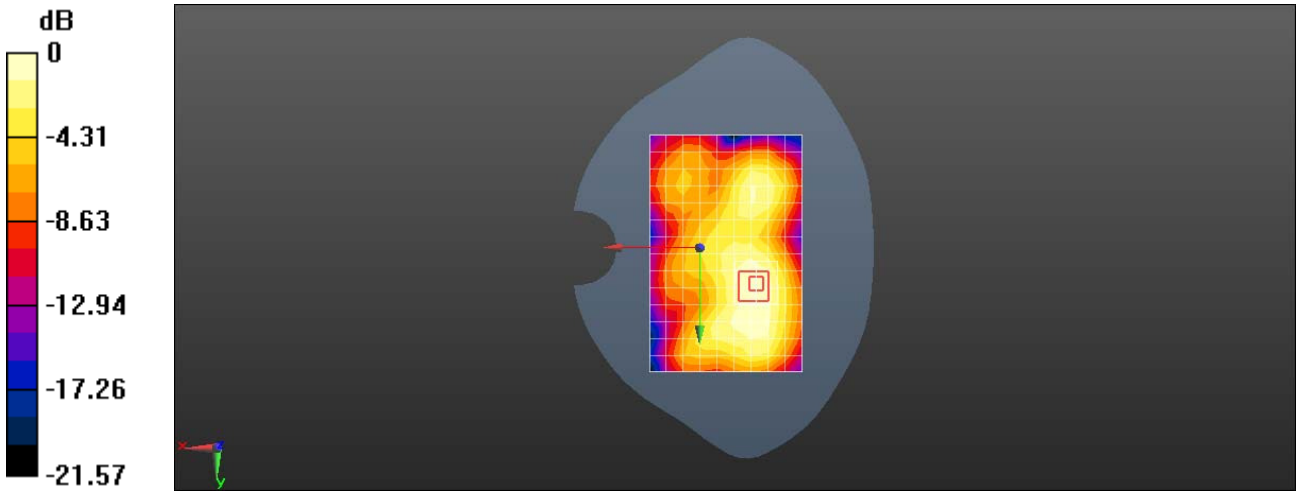
Communication System: UID 0, WiFi(802.11a/b/g/n/ac) (0); Frequency: 2412 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2412 MHz; σ = 1.968 S/m; ε_r = 53.089; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.57, 4.57, 4.57); Calibrated: 2016-9-27;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn852; Calibrated: 2016-4-20
- Phantom: SAM2; Type: SAM; Serial: TP:1474
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (10x15x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.0778 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.762 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 0.118 W/kg
SAR(1 g) = 0.067 W/kg; SAR(10 g) = 0.039 W/kg
Maximum value of SAR (measured) = 0.0818 W/kg



0 dB = 0.0778 W/kg = -11.09 dBW/kg

Date: 2016-11-4

Test Laboratory: HUAWEI SAR/HAC Lab

PRA-LX3 wifi2.4G 802.11b 1CH Right side 10mm with Battery 2

DUT: PRA-LX3; Type: Smart Phone; Serial: SAR1

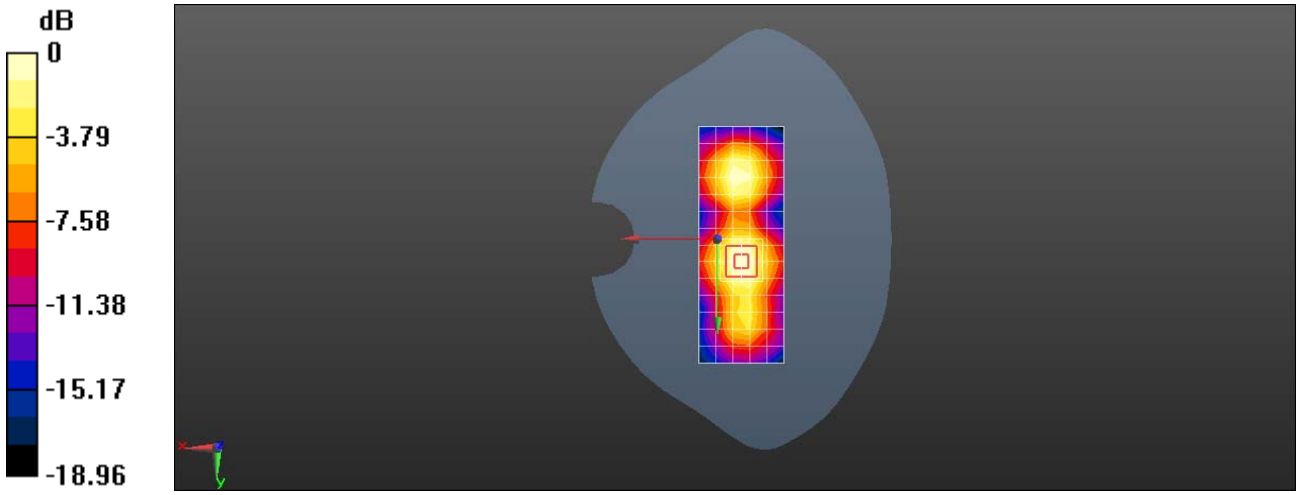
Communication System: UID 0, WiFi(802.11a/b/g/n/ac) (0); Frequency: 2412 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2412 MHz; σ = 1.968 S/m; ε_r = 53.089; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.57, 4.57, 4.57); Calibrated: 2016-9-27;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn852; Calibrated: 2016-4-20
- Phantom: SAM2; Type: SAM; Serial: TP:1474
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (6x15x1): 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 = 7.673 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.265 W/kg
SAR(1 g) = 0.143 W/kg; SAR(10 g) = 0.075 W/kg
Maximum value of SAR (measured) = 0.180 W/kg



0 dB = 0.153 W/kg = -8.15 dBW/kg