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 2 Head
LTE Band 2 Body
LTE Band 4 Head
LTE Band 4 Body
LTE Band 5 Head
LTE Band 5 Body
LTE Band 7 Head
LTE Band 7 Body
WIFI 2.4G Head
WIFI 2.4G Body

Date: 2018-10-30

Test Laboratory: HUAWEI SAR/HAC Lab

POT-LX3 GSM850 190CH Right Cheek with Battery3-Second Antenna

DUT: POT-LX3; Type: Smart Phone; Serial: SAR2

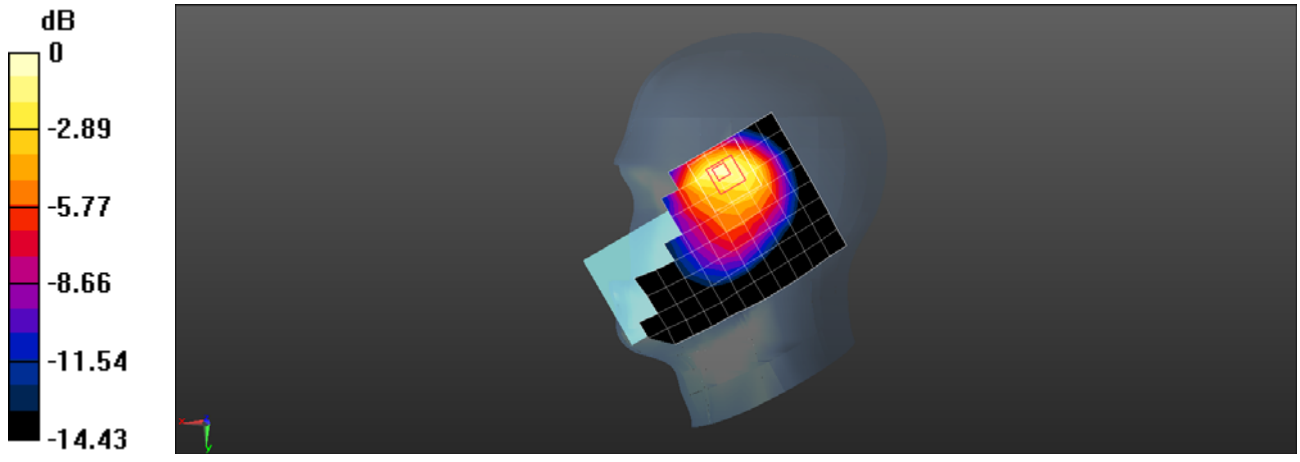
Communication System: UID 0, HW-GSM\GPRS\EGPRS-1TS (0); Frequency: 836.6 MHz;Duty Cycle: 1:8.30042
Medium parameters used: f = 837 MHz; σ = 0.881 S/m; ε_r = 41.307; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(6.35, 6.35, 6.35) @ 836.6 MHz; Calibrated: 2018-9-27
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1492; Calibrated: 2018-5-29
- Phantom: SAM3; Type: SAM; Serial: 1597
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Configuration/Head/Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.456 W/kg

Configuration/Head/Zoom Scan (6x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.29 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.822 W/kg
SAR(1 g) = 0.453 W/kg; SAR(10 g) = 0.272 W/kg
Maximum value of SAR (measured) = 0.578 W/kg



0 dB = 0.613 W/kg = -2.13 dBW/kg

Date: 2018-10-29

Test Laboratory: HUAWEI SAR/HAC Lab

POT-LX3 GSM850 190CH Right Cheek with Battery2-Main Antenna

DUT: POT-LX3; Type: Smart Phone; Serial: SAR2

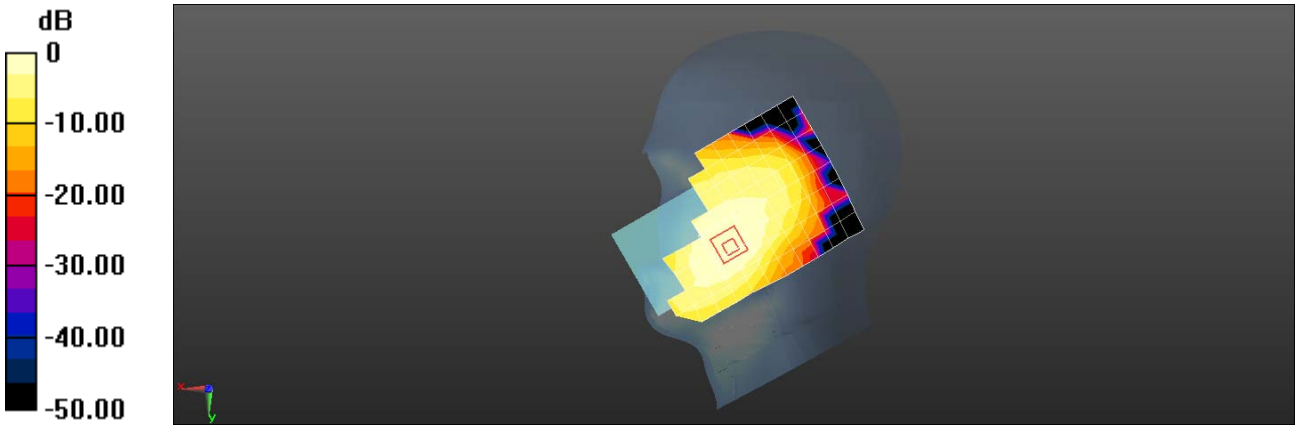
Communication System: UID 0, HW-GSM\GPRS\EGPRS-1TS (0); Frequency: 836.6 MHz;Duty Cycle: 1:8.30042
Medium parameters used: f = 837 MHz; σ = 0.881 S/m; ε_r = 41.307; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(6.35, 6.35, 6.35) @ 836.6 MHz; Calibrated: 2018-9-27
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1492; Calibrated: 2018-5-29
- Phantom: SAM3; Type: SAM; Serial: 1597
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Configuration/Head/Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0260 W/kg

Configuration/Head/Zoom Scan (6x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.528 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 0.0300 W/kg
SAR(1 g) = 0.024 W/kg; SAR(10 g) = 0.019 W/kg
Maximum value of SAR (measured) = 0.0261 W/kg



0 dB = 0.0260 W/kg = -15.85 dBW/kg

Date: 2018-10-29

Test Laboratory: HUAWEI SAR/HAC Lab

POT-LX3 GSM850 190CH Back Side 15mm with Battery2-Second Antenna

DUT: POT-LX3; Type: Smart Phone; Serial: SAR4

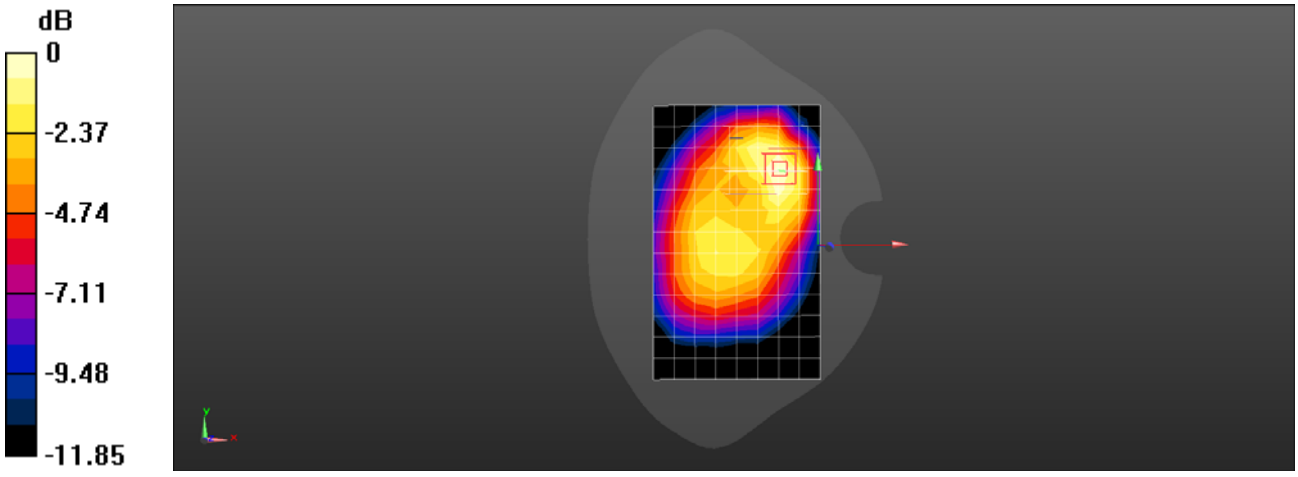
Communication System: UID 0, HW-GSM\GPRS\EGPRS-1TS (0); Frequency: 836.6 MHz;Duty Cycle: 1:8.30042
Medium parameters used: f = 837 MHz; σ = 0.991 S/m; ε_r = 53.379; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7505; ConvF(9.73, 9.73, 9.73) @ 836.6 MHz; Calibrated: 2018-6-12
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1235; Calibrated: 2017-11-16
- Phantom: SAM7; Type: SAM; Serial: 1894
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Configuration/Body/Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.203 W/kg

Configuration/Body/Zoom Scan (8x7x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.98 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.186 W/kg
SAR(1 g) = 0.149 W/kg; SAR(10 g) = 0.108 W/kg
Maximum value of SAR (measured) = 0.178 W/kg



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

Date: 2018-10-29

Test Laboratory: HUAWEI SAR/HAC Lab

POT-LX3 GSM850 190CH Back Side 15mm-Main Antenna

DUT: POT-LX3; Type: Smart Phone; Serial: SAR4

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 = 0.991 S/m; ε_r = 53.379; ρ = 1000 kg/m^3
Phantom section: Flat Section

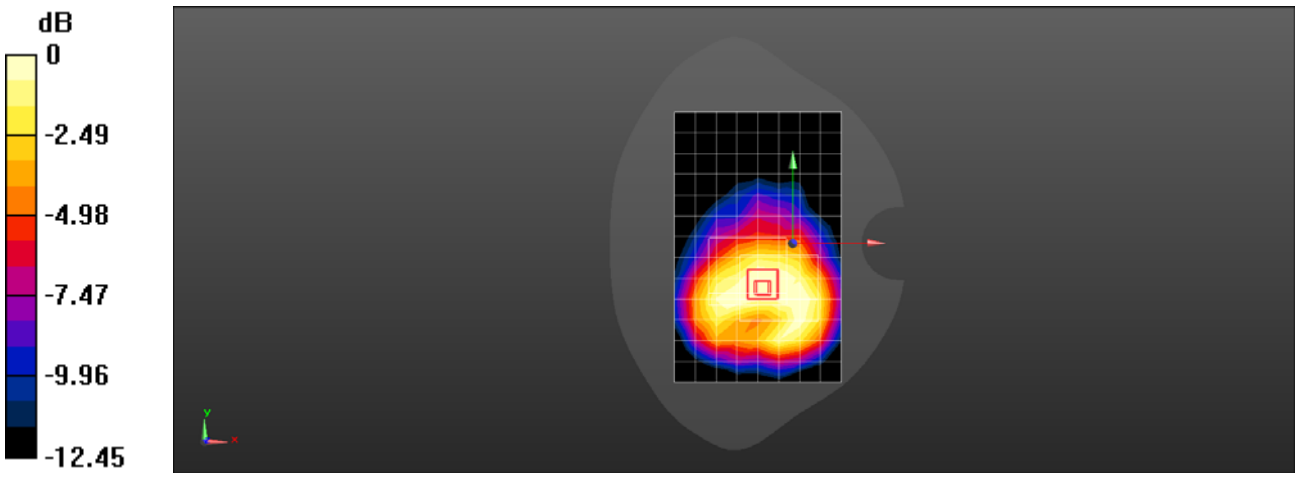
DASY Configuration:

- Probe: EX3DV4 - SN7505; ConvF(9.73, 9.73, 9.73) @ 836.6 MHz; Calibrated: 2018-6-12
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1235; Calibrated: 2017-11-16
- Phantom: SAM7; Type: SAM; Serial: 1894
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Configuration/Body/Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.217 W/kg

Configuration/Body/Zoom Scan (8x7x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.743 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 0.210 W/kg
SAR(1 g) = 0.176 W/kg; SAR(10 g) = 0.133 W/kg
Maximum value of SAR (measured) = 0.194 W/kg

Configuration/Body/Zoom Scan (8x7x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.743 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 0.196 W/kg
SAR(1 g) = 0.176 W/kg; SAR(10 g) = 0.134 W/kg
Maximum value of SAR (measured) = 0.190 W/kg



0 dB = 0.190 W/kg = -7.21 dBW/kg

Date: 2018-10-29

Test Laboratory: HUAWEI SAR/HAC Lab

POT-LX3 GSM850 GPRS 2TS 190CH Left Side 10mm with Battery4-Second Antenna

DUT: POT-LX3; Type: Smart Phone; Serial: SAR4

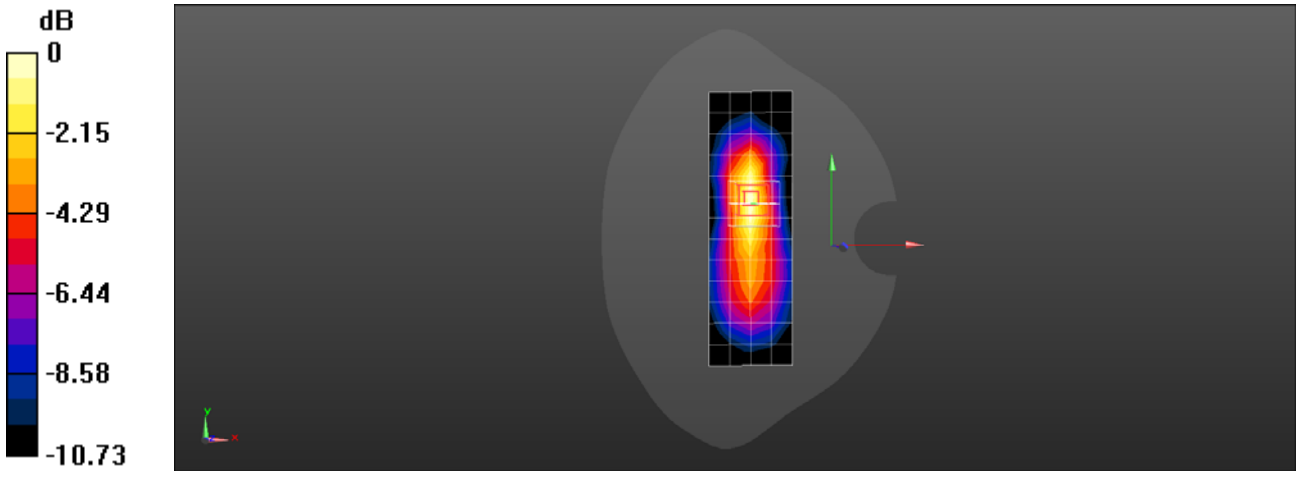
Communication System: UID 0, HW-GSM\GPRS\EGPRS-2TS (0); Frequency: 836.6 MHz;Duty Cycle: 1:4.10015
Medium parameters used: f = 837 MHz; σ = 0.991 S/m; ε_r = 53.379; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7505; ConvF(9.73, 9.73, 9.73) @ 836.6 MHz; Calibrated: 2018-6-12
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = -4.0, 31.0
- Electronics: DAE4 Sn1235; Calibrated: 2017-11-16
- Phantom: SAM7; Type: SAM; Serial: 1894
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Configuration/Body/Area Scan (5x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.646 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.63 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.711 W/kg
SAR(1 g) = 0.478 W/kg; SAR(10 g) = 0.300 W/kg
Maximum value of SAR (measured) = 0.638 W/kg



0 dB = 0.638 W/kg = -1.95 dBW/kg

Date: 2018-10-29

Test Laboratory: HUAWEI SAR/HAC Lab

POT-LX3 GSM850 GPRS 2TS 190CH Back Side 10mm-Main Antenna

DUT: POT-LX3; Type: Smart Phone; Serial: SAR4

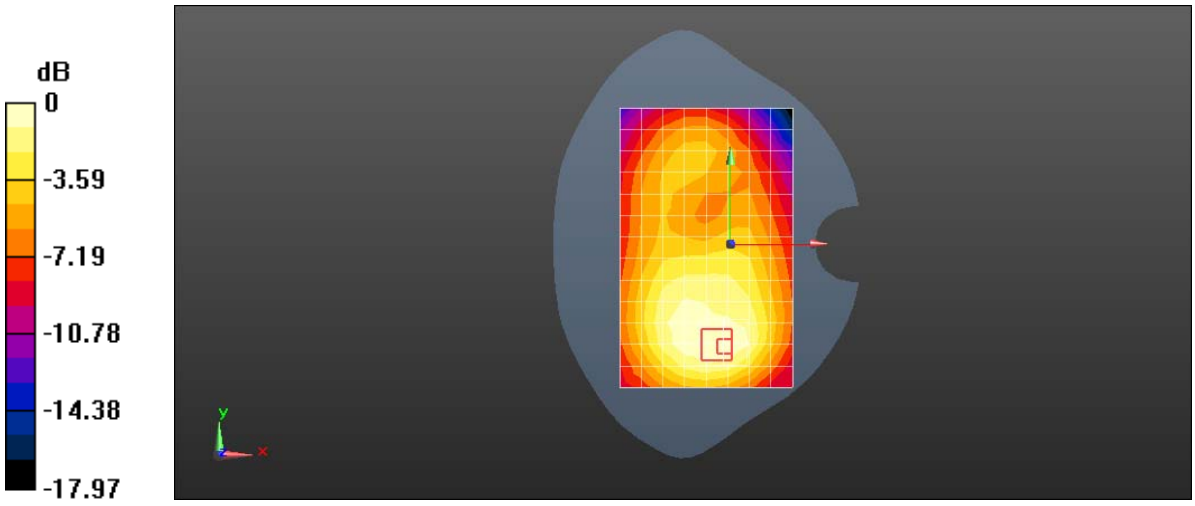
Communication System: UID 0, HW-GSM\GPRS\EGPRS-2TS (0); Frequency: 836.6 MHz;Duty Cycle: 1:4.10015
Medium parameters used: f = 837 MHz; σ = 0.991 S/m; ε_r = 53.379; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7505; ConvF(9.73, 9.73, 9.73) @ 836.6 MHz; Calibrated: 2018-6-12
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1235; Calibrated: 2017-11-16
- Phantom: SAM7; Type: SAM; Serial: 1894
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Configuration/Body/Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.380 W/kg

Configuration/Body/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.798 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 0.430 W/kg
SAR(1 g) = 0.277 W/kg; SAR(10 g) = 0.197 W/kg
Maximum value of SAR (measured) = 0.394 W/kg



0 dB = 0.271 W/kg = -5.67 dBW/kg

Date: 2018-10-27

Test Laboratory: HUAWEI SAR/HAC Lab

POT-LX3 GSM1900 661CH Right Cheek-Second Antenna

DUT: POT-LX3; Type: Smart Phone; Serial: SAR6

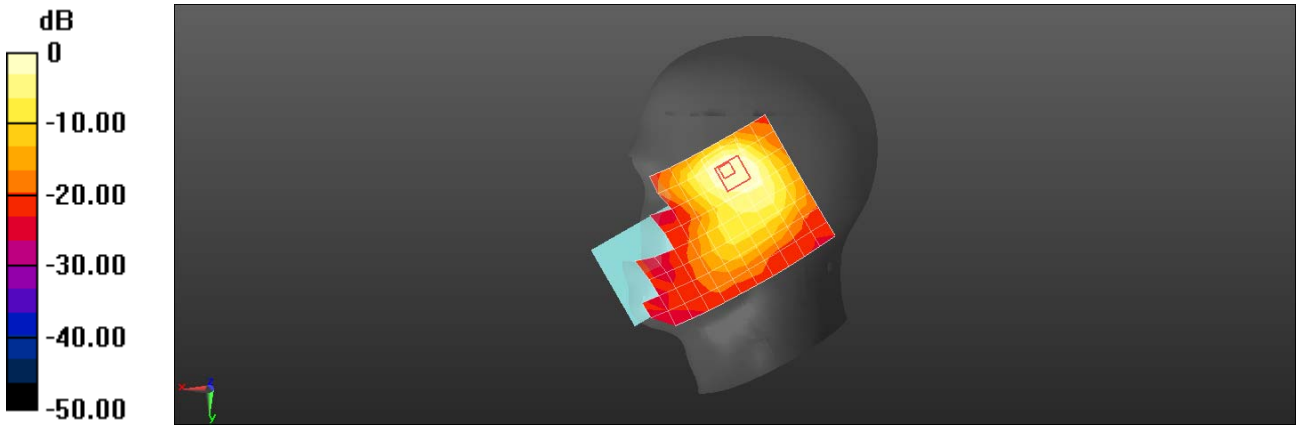
Communication System: UID 0, HW-GSM\GPRS\EGPRS-1TS (0); Frequency: 1880 MHz;Duty Cycle: 1:8.30042
Medium parameters used: f = 1880 MHz; σ = 1.448 S/m; ε_r = 38.919; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN7381; ConvF(8.32, 8.32, 8.32) @ 1880 MHz; Calibrated: 2018-9-28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1554; Calibrated: 2018-6-5
- Phantom: SAM9; Type: SAM; Serial: 1958
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Configuration/Head/Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.387 W/kg

Configuration/Head/Zoom Scan (6x5x4)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.633 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.704 W/kg
SAR(1 g) = 0.307 W/kg; SAR(10 g) = 0.160 W/kg
Maximum value of SAR (measured) = 0.529 W/kg



0 dB = 0.387 W/kg = -4.12 dBW/kg

Date: 2018-10-28

Test Laboratory: HUAWEI SAR/HAC Lab

POT-LX3 GSM1900 661CH Left Cheek with Battery2-Main Antenna

DUT: POT-LX3; Type: Smart Phone; Serial: SAR6

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 = 1.448 S/m; ε_r = 38.919; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN7381; ConvF(8.32, 8.32, 8.32) @ 1880 MHz; Calibrated: 2018-9-28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1554; Calibrated: 2018-6-5
- Phantom: SAM9; Type: SAM; Serial: 1958
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Configuration/Head/Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.130 W/kg

Configuration/Head/Zoom Scan (5x5x4)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.249 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 0.152 W/kg
SAR(1 g) = 0.102 W/kg; SAR(10 g) = 0.066 W/kg
Maximum value of SAR (measured) = 0.135 W/kg

0 dB = 0.130 W/kg = -8.87 dBW/kg

Date: 2018-10-25

Test Laboratory: HUAWEI SAR/HAC Lab

POT-LX3 GSM1900 661CH Back Side 15mm with Battery4-Second Antenna

DUT: POT-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 = 1.556 S/m; ε_r = 51.792; ρ = 1000 kg/m^3
Phantom section: Flat Section

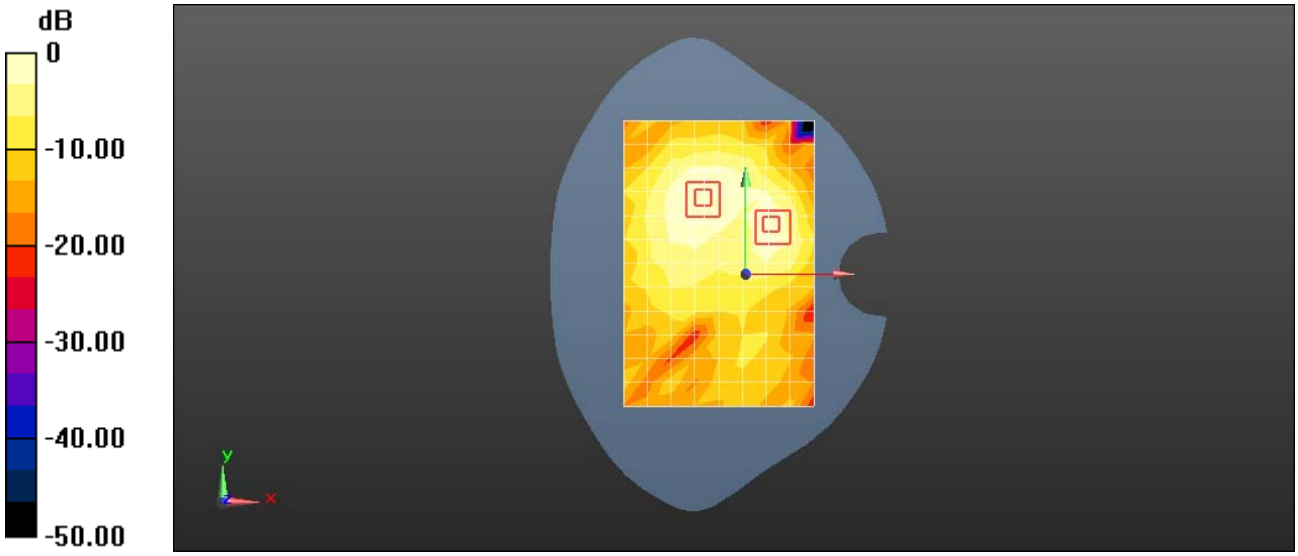
DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.52, 7.52, 7.52) @ 1880 MHz; Calibrated: 2018-4-27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn851; Calibrated: 2018-7-18
- Phantom: SAM2; Type: SAM; Serial: 1474
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Configuration/Body/Area Scan (9x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0629 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.813 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.0770 W/kg
SAR(1 g) = 0.047 W/kg; SAR(10 g) = 0.029 W/kg
Maximum value of SAR (measured) = 0.0660 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.813 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.0810 W/kg
SAR(1 g) = 0.044 W/kg; SAR(10 g) = 0.023 W/kg
Maximum value of SAR (measured) = 0.0669 W/kg



0 dB = 0.0629 W/kg = -12.01 dBW/kg

Date: 2018-10-23

Test Laboratory: HUAWEI SAR/HAC Lab

POT-LX3 GSM1900 661CH Back Side 15mm-Main Antenna

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

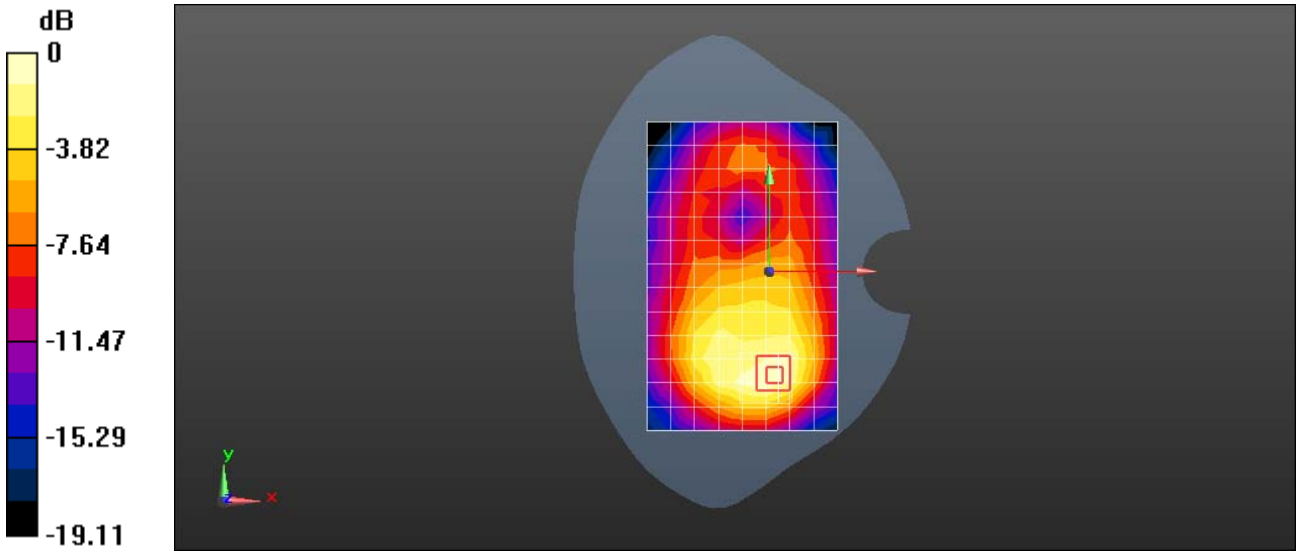
Communication System: UID 0, HW-GSM\GPRS\EGPRS-1TS (0); Frequency: 1880 MHz;Duty Cycle: 1:8.30042
Medium parameters used: f = 1880 MHz; σ = 1.556 S/m; ε_r = 51.792; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.52, 7.52, 7.52) @ 1880 MHz; Calibrated: 2018-4-27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn851; Calibrated: 2018-7-18
- Phantom: SAM2; Type: SAM; Serial: 1474
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Configuration/Body/Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.246 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.690 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.305 W/kg
SAR(1 g) = 0.180 W/kg; SAR(10 g) = 0.105 W/kg
Maximum value of SAR (measured) = 0.252 W/kg



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

Date: 2018-10-25

Test Laboratory: HUAWEI SAR/HAC Lab

POT-LX3 GSM1900 GPRS 2TS 661CH Left Side 10mm with SIM2-Second Antenna

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

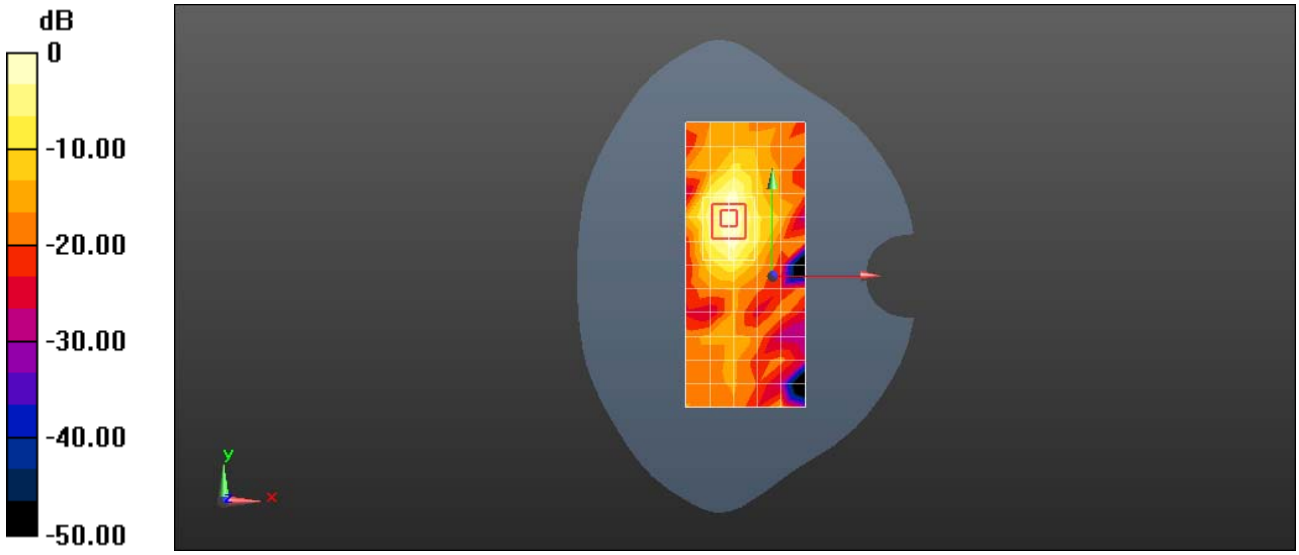
Communication System: UID 0, HW-GSM\GPRS\EGPRS-2TS (0); Frequency: 1880 MHz;Duty Cycle: 1:4.10015
Medium parameters used: f = 1880 MHz; σ = 1.55 S/m; ε_r = 53.361; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.52, 7.52, 7.52) @ 1880 MHz; Calibrated: 2018-4-27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn851; Calibrated: 2018-7-18
- Phantom: SAM2; Type: SAM; Serial: 1474
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Configuration/Body/Area Scan (6x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0822 W/kg

Configuration/Body/Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.624 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 0.104 W/kg
SAR(1 g) = 0.054 W/kg; SAR(10 g) = 0.027 W/kg
Maximum value of SAR (measured) = 0.0843 W/kg



0 dB = 0.0822 W/kg = -10.85 dBW/kg

Date: 2018-10-24

Test Laboratory: HUAWEI SAR/HAC Lab

POT-LX3 GSM1900 GPRS 2TS 661CH Bottomt Side 10mm with Battery3-Main Antenna

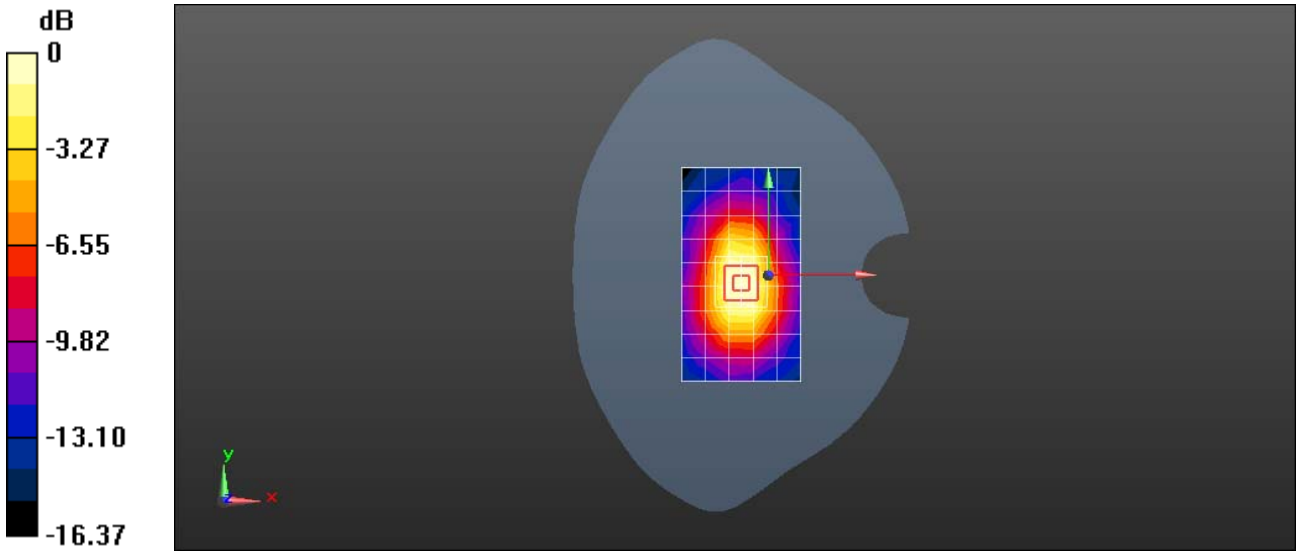
DUT: POT-LX3; Type: Smart Phone; Serial: SAR1

Communication System: UID 0, HW-GSM\GPRS\EGPRS-2TS (0); Frequency: 1880 MHz;Duty Cycle: 1:4.10015
Medium parameters used: f = 1880 MHz; σ = 1.556 S/m; ε_r = 51.792; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:
- Probe: EX3DV4 - SN3736; ConvF(7.52, 7.52, 7.52) @ 1880 MHz; Calibrated: 2018-4-27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn851; Calibrated: 2018-7-18
- Phantom: SAM2; Type: SAM; Serial: 1474
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Configuration/Body/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.201 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.85 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.327 W/kg
SAR(1 g) = 0.186 W/kg; SAR(10 g) = 0.102 W/kg
Maximum value of SAR (measured) = 0.278 W/kg



0 dB = 0.201 W/kg = -6.97 dBW/kg

Date: 2018-10-27

Test Laboratory: HUAWEI SAR/HAC Lab

POT-LX3 UMTS Band II 9400CH Right Cheek with Battery3-Second Antenna

DUT: POT-LX3; Type: Smart Phone; Serial: SAR6

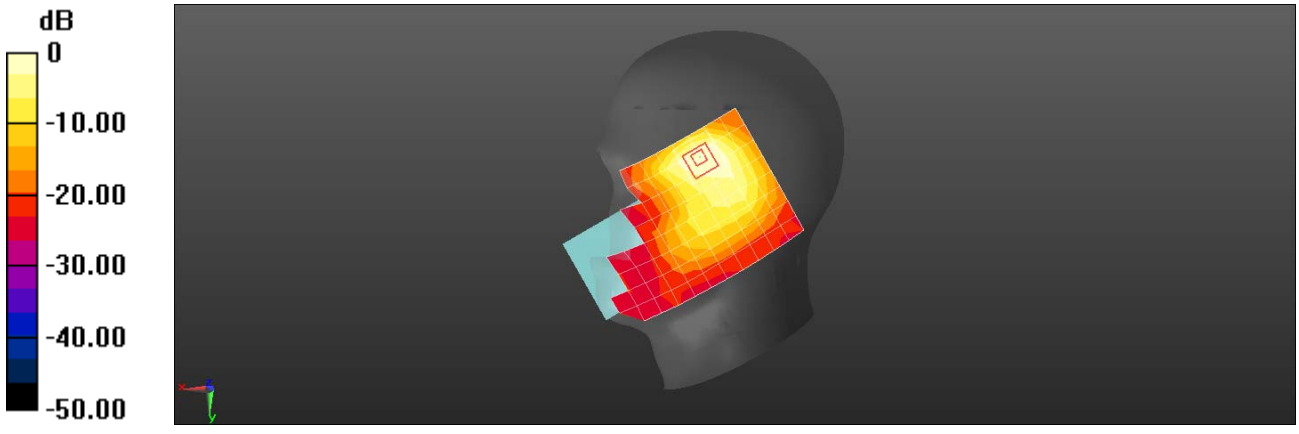
Communication System: UID 0, HW-UMTS-FDD(WCDMA) (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.448 S/m; ε_r = 38.919; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN7381; ConvF(8.32, 8.32, 8.32) @ 1880 MHz; Calibrated: 2018-9-28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1554; Calibrated: 2018-6-5
- Phantom: SAM9; Type: SAM; Serial: 1958
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Configuration/Head/Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.501 W/kg

Configuration/Head/Zoom Scan (5x5x4)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.72 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.817 W/kg
SAR(1 g) = 0.363 W/kg; SAR(10 g) = 0.182 W/kg
Maximum value of SAR (measured) = 0.639 W/kg



0 dB = 0.501 W/kg = -3.00 dBW/kg

Date: 2018-10-27

Test Laboratory: HUAWEI SAR/HAC Lab

POT-LX3 UMTS Band II 9400CH Left Cheek with Battery2-Main Antenna

DUT: POT-LX3; Type: Smart Phone; Serial: SAR6

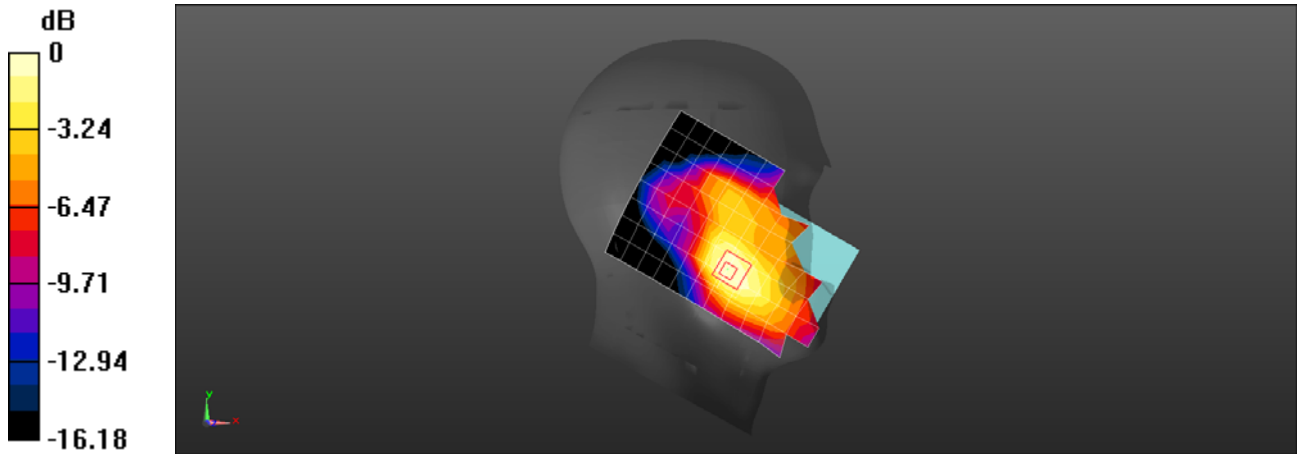
Communication System: UID 0, HW-UMTS-FDD(WCDMA) (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.448 S/m; ε_r = 38.919; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN7381; ConvF(8.32, 8.32, 8.32) @ 1880 MHz; Calibrated: 2018-9-28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1554; Calibrated: 2018-6-5
- Phantom: SAM9; Type: SAM; Serial: 1958
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Configuration/Head/Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.218 W/kg

Configuration/Head/Zoom Scan (5x5x4)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.129 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.245 W/kg
SAR(1 g) = 0.161 W/kg; SAR(10 g) = 0.102 W/kg
Maximum value of SAR (measured) = 0.213 W/kg



0 dB = 0.213 W/kg = -6.72 dBW/kg

Date: 2018-10-25

Test Laboratory: HUAWEI SAR/HAC Lab

POT-LX3 UMTS Band II 9400CH Back Side 15mm with Battery4-Second Antenna

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

Communication System: UID 0, HW-UMTS-FDD(WCDMA) (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.556 S/m; ε_r = 51.792; ρ = 1000 kg/m^3
Phantom section: Flat Section

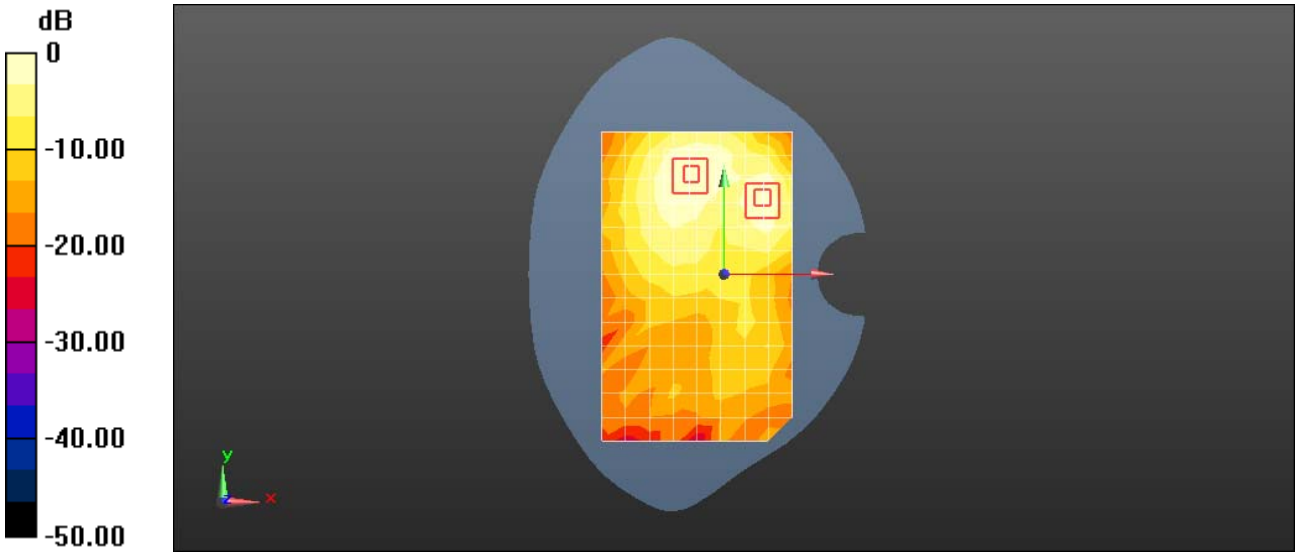
DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.52, 7.52, 7.52) @ 1880 MHz; Calibrated: 2018-4-27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn851; Calibrated: 2018-7-18
- Phantom: SAM2; Type: SAM; Serial: 1474
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Configuration/Body/Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0971 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.341 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.112 W/kg
SAR(1 g) = 0.071 W/kg; SAR(10 g) = 0.044 W/kg
Maximum value of SAR (measured) = 0.0971 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.341 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.118 W/kg
SAR(1 g) = 0.065 W/kg; SAR(10 g) = 0.035 W/kg
Maximum value of SAR (measured) = 0.0951 W/kg



0 dB = 0.0971 W/kg = -10.13 dBW/kg

Date: 2018-10-24

Test Laboratory: HUAWEI SAR/HAC Lab

POT-LX3 UMTS Band II 9400CH Back Side 15mm with Battery2-Main Antenna

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

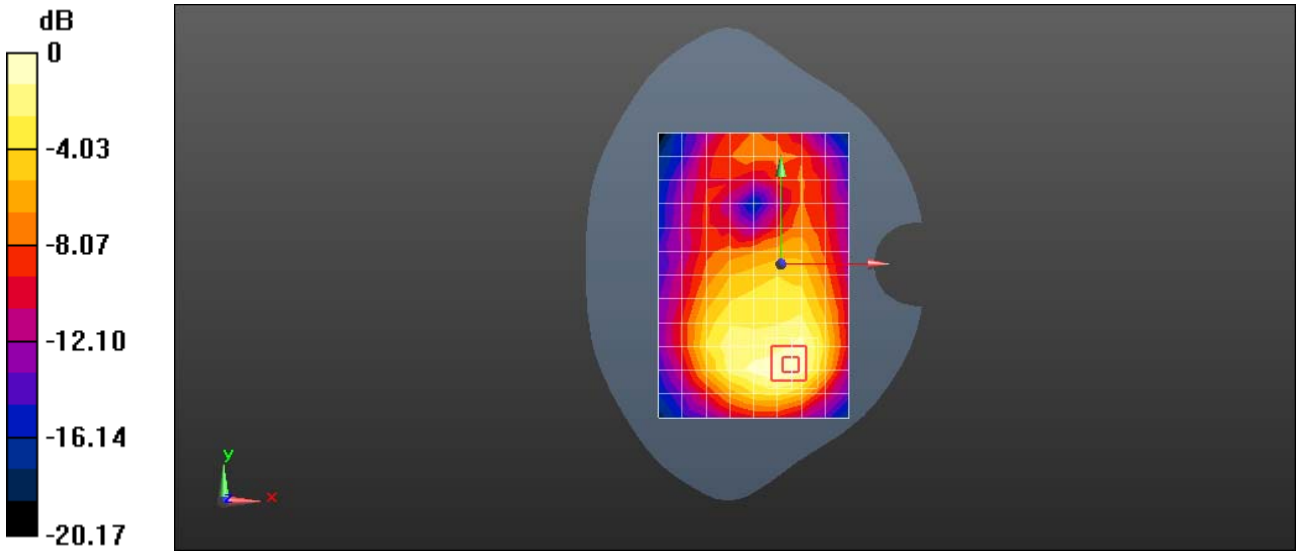
Communication System: UID 0, HW-UMTS-FDD(WCDMA) (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.556 S/m; ε_r = 51.792; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.52, 7.52, 7.52) @ 1880 MHz; Calibrated: 2018-4-27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn851; Calibrated: 2018-7-18
- Phantom: SAM2; Type: SAM; Serial: 1474
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Configuration/Body/Area Scan (9x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.290 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.775 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.370 W/kg
SAR(1 g) = 0.220 W/kg; SAR(10 g) = 0.127 W/kg
Maximum value of SAR (measured) = 0.319 W/kg



0 dB = 0.290 W/kg = -5.38 dBW/kg

Date: 2018-10-24

Test Laboratory: HUAWEI SAR/HAC Lab

POT-LX3 UMTS Band II 9400CH Left Side 10mm-Second Antenna

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

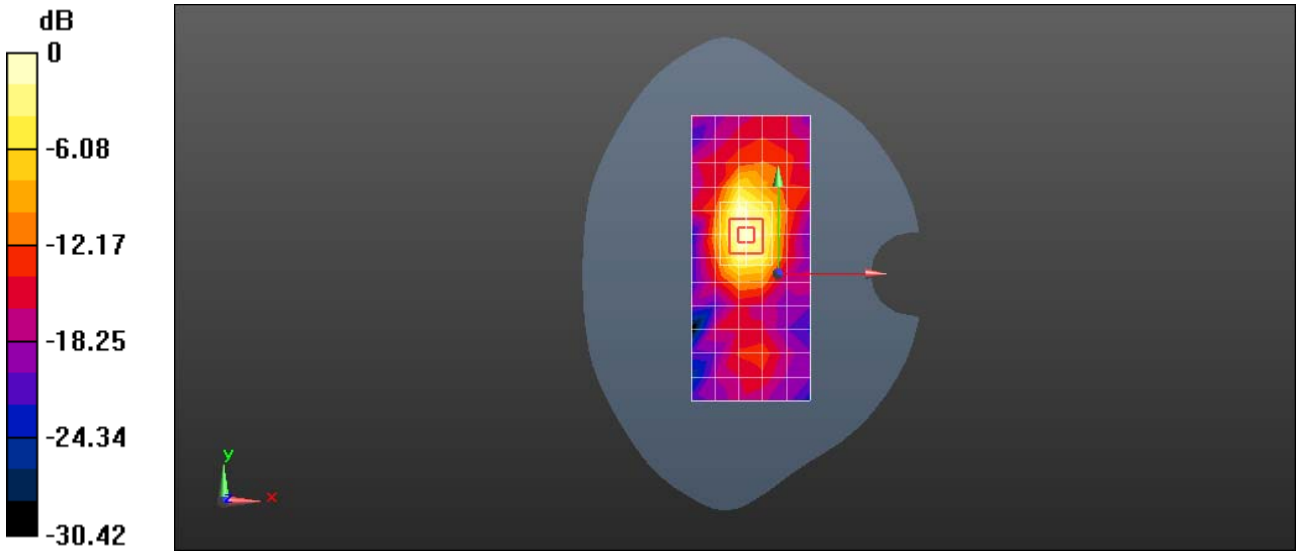
Communication System: UID 0, HW-UMTS-FDD(WCDMA) (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.556 S/m; ε_r = 51.792; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.52, 7.52, 7.52) @ 1880 MHz; Calibrated: 2018-4-27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn851; Calibrated: 2018-7-18
- Phantom: SAM2; Type: SAM; Serial: 1474
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Configuration/Body/Area Scan (6x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.116 W/kg

Configuration/Body/Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.896 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 0.181 W/kg
SAR(1 g) = 0.096 W/kg; SAR(10 g) = 0.049 W/kg
Maximum value of SAR (measured) = 0.150 W/kg



0 dB = 0.116 W/kg = -9.36 dBW/kg

Date: 2018-10-24

Test Laboratory: HUAWEI SAR/HAC Lab

POT-LX3 UMTS Band II 9400CH Bottom Side 10mm with Battery2-Main Antenna

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

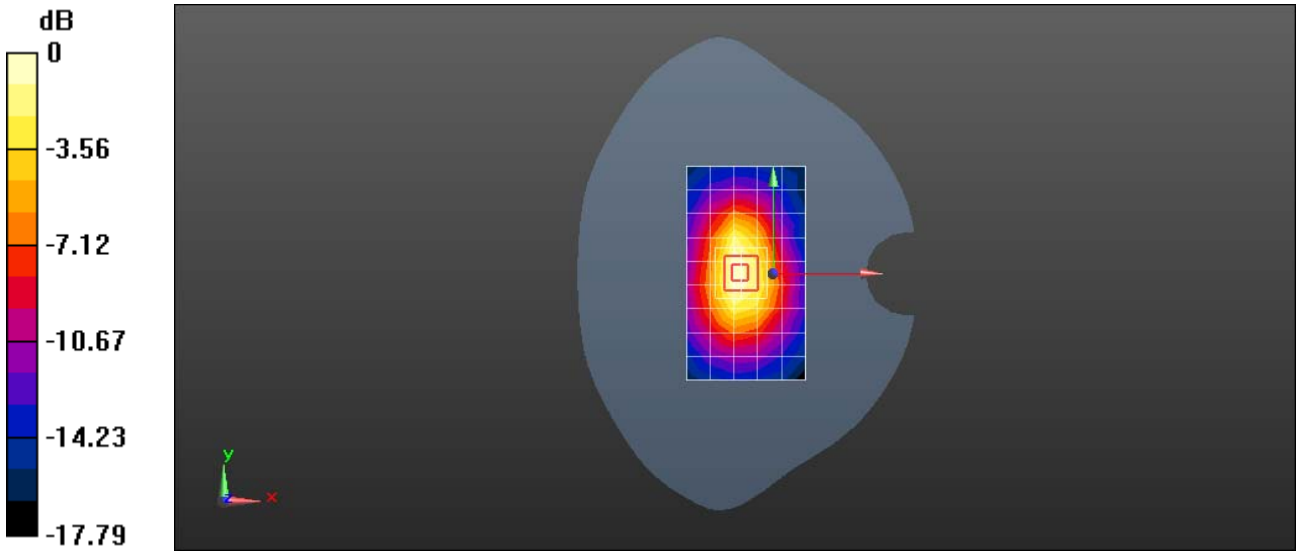
Communication System: UID 0, HW-UMTS-FDD(WCDMA) (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.556 S/m; ε_r = 51.792; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.52, 7.52, 7.52) @ 1880 MHz; Calibrated: 2018-4-27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn851; Calibrated: 2018-7-18
- Phantom: SAM2; Type: SAM; Serial: 1474
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Configuration/Body/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.383 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.19 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 0.535 W/kg
SAR(1 g) = 0.303 W/kg; SAR(10 g) = 0.164 W/kg
Maximum value of SAR (measured) = 0.455 W/kg



0 dB = 0.383 W/kg = -4.17 dBW/kg

Date: 2018-10-25

Test Laboratory: HUAWEI SAR/HAC Lab

POT-LX3 UMTS Band IV 1413CH Right Cheek with Battery4-Second Antenna

DUT: POT-LX3; Type: Smart Phone; Serial: SAR2

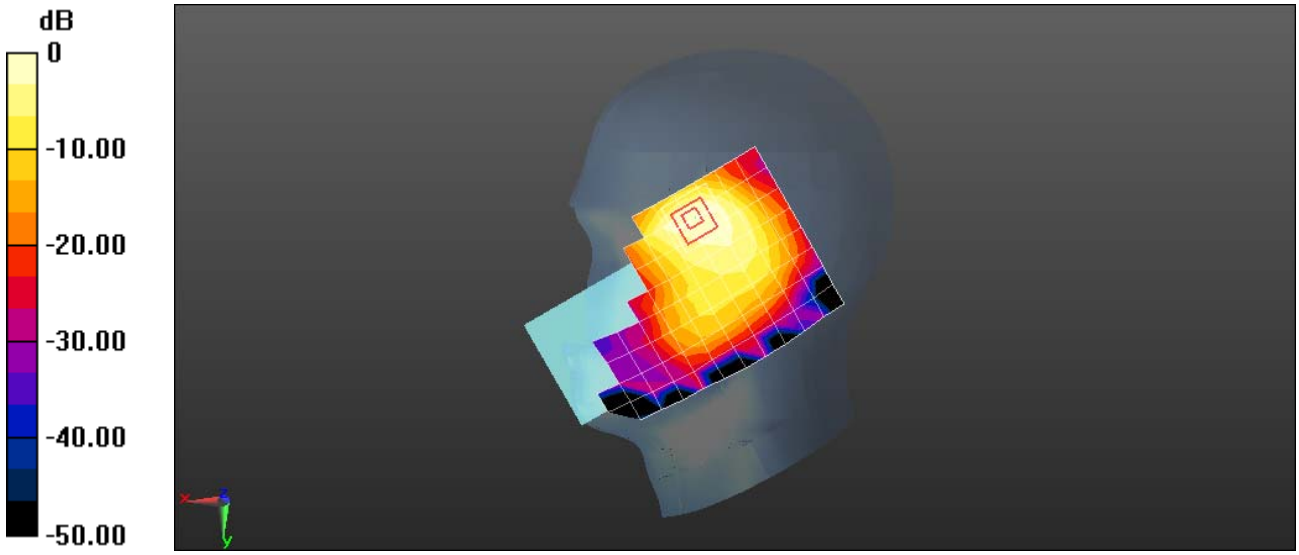
Communication System: UID 0, HW-UMTS-FDD(WCDMA) (0); Frequency: 1732.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1733 MHz; σ = 1.298 S/m; ε_r = 41.504; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.43, 5.43, 5.43) @ 1732.6 MHz; Calibrated: 2018-9-27
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1492; Calibrated: 2018-5-29
- Phantom: SAM3; Type: SAM; Serial: 1597
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Configuration/Head/Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.316 W/kg

Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.916 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.563 W/kg
SAR(1 g) = 0.283 W/kg; SAR(10 g) = 0.142 W/kg
Maximum value of SAR (measured) = 0.381 W/kg



0 dB = 0.316 W/kg = -5.00 dBW/kg

Date: 2018-10-25

Test Laboratory: HUAWEI SAR/HAC Lab

POT-LX3 UMTS Band IV 1413CH Left Cheek with Battery4-Main Antenna

DUT: POT-LX3; Type: Smart Phone; Serial: SAR2

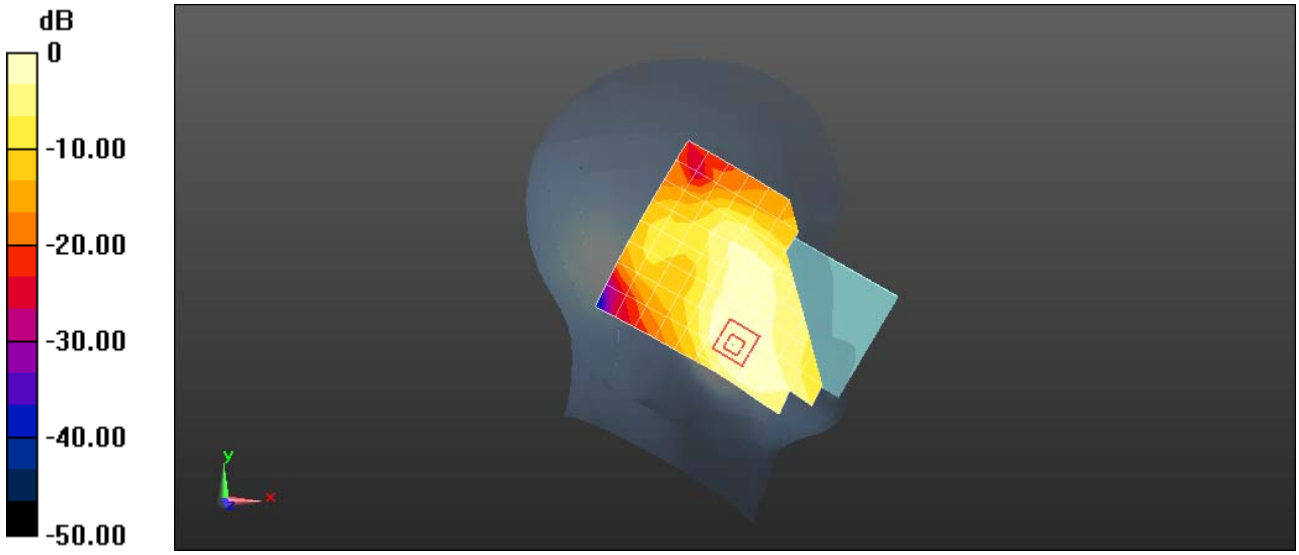
Communication System: UID 0, HW-UMTS-FDD(WCDMA) (0); Frequency: 1732.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1733 MHz; σ = 1.298 S/m; ε_r = 41.504; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.43, 5.43, 5.43) @ 1732.6 MHz; Calibrated: 2018-9-27
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1492; Calibrated: 2018-5-29
- Phantom: SAM3; Type: SAM; Serial: 1597
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Configuration/Head/Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.206 W/kg

Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.45 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.263 W/kg
SAR(1 g) = 0.198 W/kg; SAR(10 g) = 0.135 W/kg
Maximum value of SAR (measured) = 0.226 W/kg



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

Date: 2018-10-25

Test Laboratory: HUAWEI SAR/HAC Lab

POT-LX3 UMTS Band IV 1413CH Back Side 15mm with Battery3-Second Antenna

DUT: POT-LX3; Type: Smart Phone; Serial: SAR2

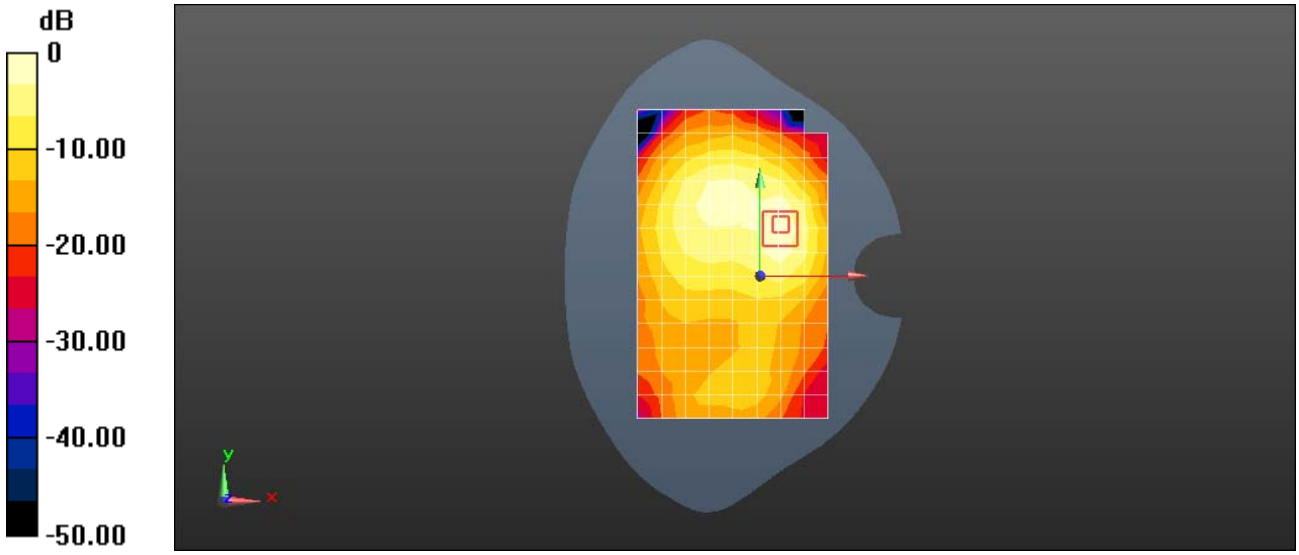
Communication System: UID 0, HW-UMTS-FDD(WCDMA) (0); Frequency: 1732.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1733 MHz; σ = 1.505 S/m; ε_r = 51.097; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.02, 5.02, 5.02) @ 1732.6 MHz; Calibrated: 2018-9-27
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1492; Calibrated: 2018-5-29
- Phantom: SAM4; Type: SAM; Serial: 1620
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Configuration/Body/Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0944 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.258 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.126 W/kg
SAR(1 g) = 0.077 W/kg; SAR(10 g) = 0.043 W/kg
Maximum value of SAR (measured) = 0.0942 W/kg



0 dB = 0.0944 W/kg = -10.25 dBW/kg

Date: 2018-10-25

Test Laboratory: HUAWEI SAR/HAC Lab

POT-LX3 UMTS Band IV 1413CH Back Side 15mm with Battery3-Main Antenna

DUT: POT-LX3; Type: Smart Phone; Serial: SAR2

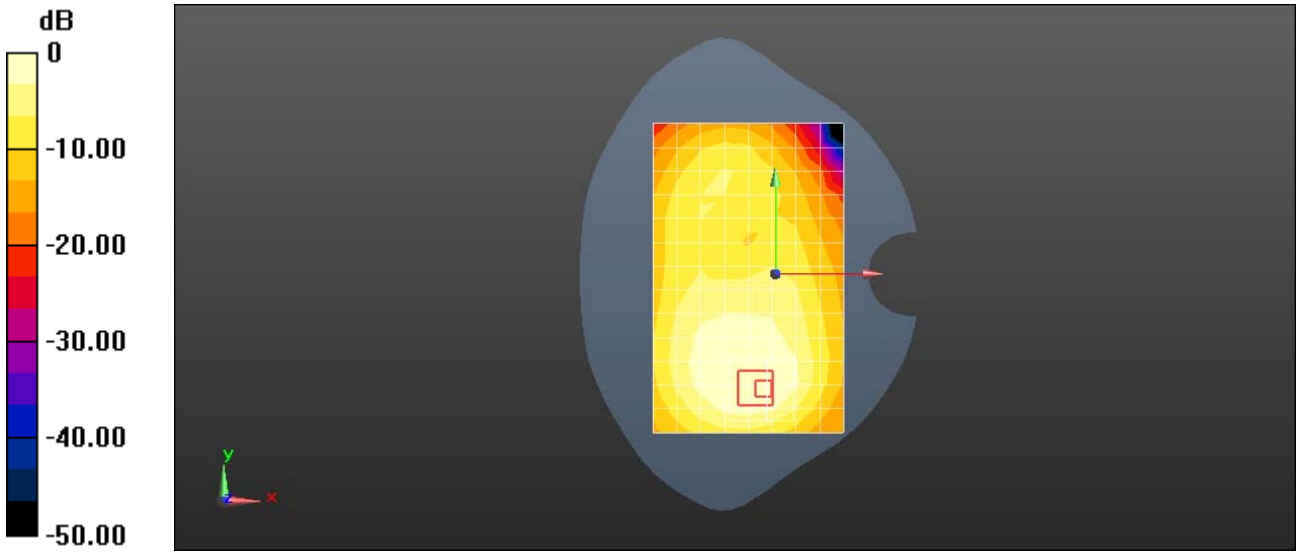
Communication System: UID 0, HW-UMTS-FDD(WCDMA) (0); Frequency: 1732.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1733 MHz; σ = 1.505 S/m; ε_r = 51.097; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.02, 5.02, 5.02) @ 1732.6 MHz; Calibrated: 2018-9-27
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1492; Calibrated: 2018-5-29
- Phantom: SAM4; Type: SAM; Serial: 1620
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Configuration/Body/Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.323 W/kg

Configuration/Body/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.756 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.418 W/kg
SAR(1 g) = 0.279 W/kg; SAR(10 g) = 0.175 W/kg
Maximum value of SAR (measured) = 0.322 W/kg



0 dB = 0.323 W/kg = -4.91 dBW/kg

Date: 2018-10-26

Test Laboratory: HUAWEI SAR/HAC Lab

POT-LX3 UMTS Band IV 1413CH Left Side 10mm-Second Antenna

DUT: POT-LX3; Type: Smart Phone; Serial: SAR2

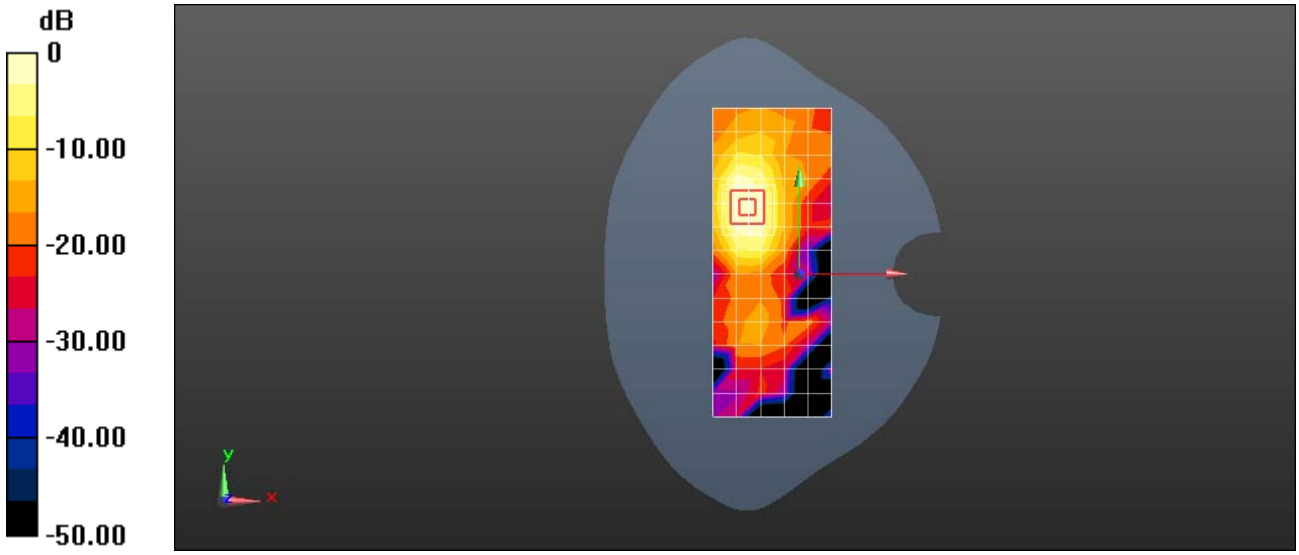
Communication System: UID 0, HW-UMTS-FDD(WCDMA) (0); Frequency: 1732.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1733 MHz; σ = 1.505 S/m; ε_r = 51.097; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.02, 5.02, 5.02) @ 1732.6 MHz; Calibrated: 2018-9-27
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1492; Calibrated: 2018-5-29
- Phantom: SAM4; Type: SAM; Serial: 1620
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Configuration/Body/Area Scan (6x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0912 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.302 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.184 W/kg
SAR(1 g) = 0.107 W/kg; SAR(10 g) = 0.055 W/kg
Maximum value of SAR (measured) = 0.134 W/kg



0 dB = 0.0912 W/kg = -10.40 dBW/kg

Date: 2018-10-25

Test Laboratory: HUAWEI SAR/HAC Lab

POT-LX3 UMTS Band IV 1413CH Bottom Side 10mm-Main Antenna

DUT: POT-LX3; Type: Smart Phone; Serial: SAR2

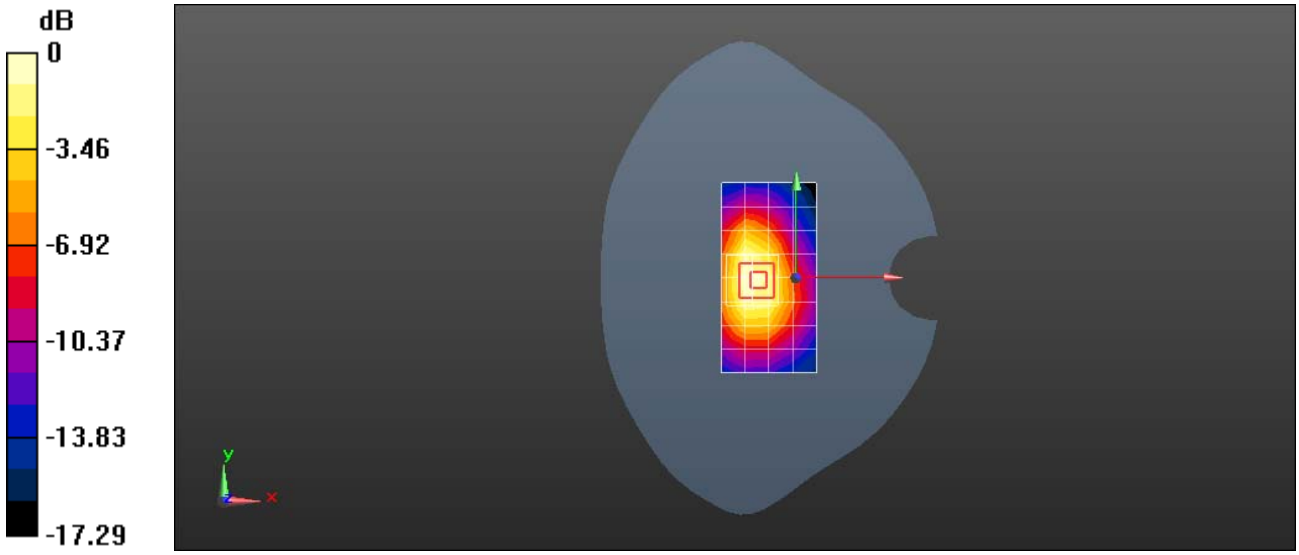
Communication System: UID 0, HW-UMTS-FDD(WCDMA) (0); Frequency: 1732.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1733 MHz; σ = 1.505 S/m; ε_r = 51.097; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.02, 5.02, 5.02) @ 1732.6 MHz; Calibrated: 2018-9-27
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1492; Calibrated: 2018-5-29
- Phantom: SAM4; Type: SAM; Serial: 1620
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Configuration/Body/Area Scan (5x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.305 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.88 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 0.465 W/kg
SAR(1 g) = 0.298 W/kg; SAR(10 g) = 0.171 W/kg
Maximum value of SAR (measured) = 0.344 W/kg



0 dB = 0.305 W/kg = -5.16 dBW/kg

Date: 2018-10-29

Test Laboratory: HUAWEI SAR/HAC Lab

POT-LX3 UMTS Band V 4182CH Right Cheek with Battery3-Second Antenna

DUT: POT-LX3; Type: Smart Phone; Serial: SAR2

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 = 0.881 S/m; ε_r = 41.308; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY Configuration:

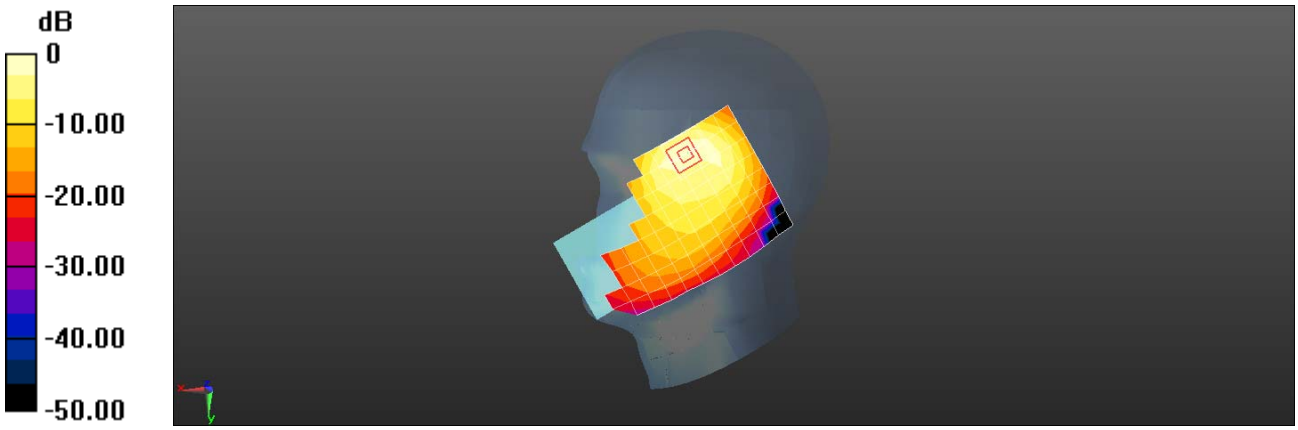
- Probe: ES3DV3 - SN3168; ConvF(6.35, 6.35, 6.35) @ 836.4 MHz; Calibrated: 2018-9-27
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1492; Calibrated: 2018-5-29
- Phantom: SAM3; Type: SAM; Serial: 1597
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Configuration/Head/Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.482 W/kg

Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.25 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.773 W/kg
SAR(1 g) = 0.406 W/kg; SAR(10 g) = 0.219 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.524 W/kg



0 dB = 0.482 W/kg = -3.17 dBW/kg

Date: 2018-10-29

Test Laboratory: HUAWEI SAR/HAC Lab

POT-LX3 UMTS Band V 4182CH Left Cheek with Battery3-Main Antenna

DUT: POT-LX3; Type: Smart Phone; Serial: SAR2

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 = 0.881 S/m; ε_r = 41.308; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY Configuration:

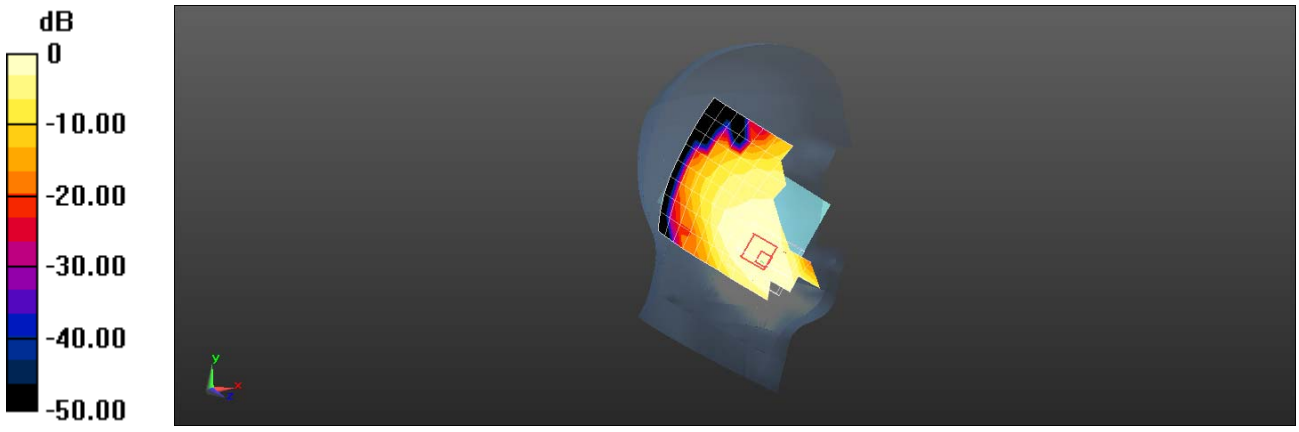
- Probe: ES3DV3 - SN3168; ConvF(6.35, 6.35, 6.35) @ 836.4 MHz; Calibrated: 2018-9-27
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1492; Calibrated: 2018-5-29
- Phantom: SAM3; Type: SAM; Serial: 1597
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Configuration/Head/Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0353 W/kg

Configuration/Head/Zoom Scan (6x7x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.915 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 0.0420 W/kg
SAR(1 g) = 0.032 W/kg; SAR(10 g) = 0.024 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0358 W/kg



0 dB = 0.0353 W/kg = -14.52 dBW/kg

Date: 2018-10-28

Test Laboratory: HUAWEI SAR/HAC Lab

POT-LX3 UMTS Band V 4182CH Back Side 15mm with Battery3-Second Antenna

DUT: POT-LX3; Type: Smart Phone; Serial: SAR2

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 = 0.989 S/m; ε_r = 52.775; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

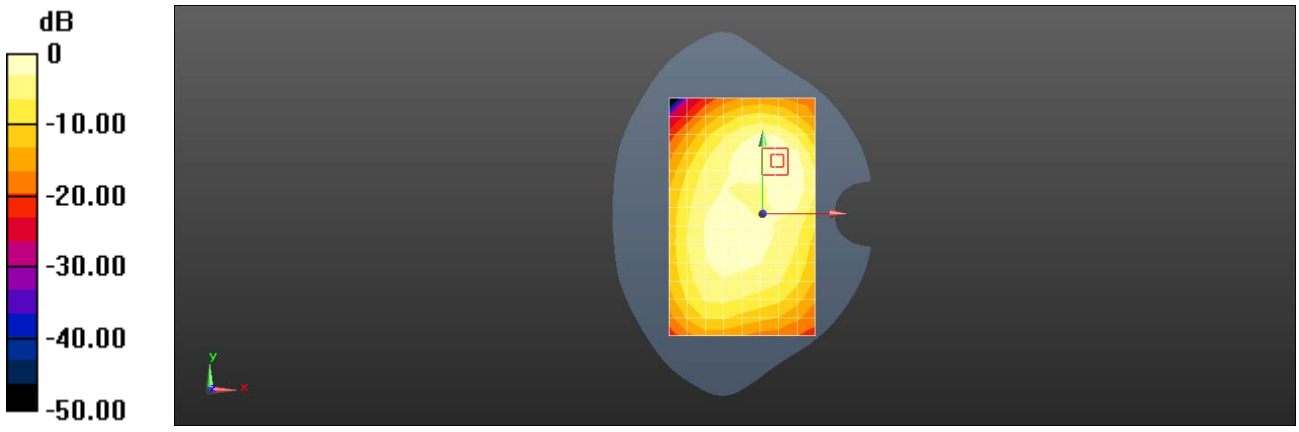
- Probe: ES3DV3 - SN3168; ConvF(6.15, 6.15, 6.15) @ 836.4 MHz; Calibrated: 2018-9-27
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1492; Calibrated: 2018-5-29
- Phantom: SAM4; Type: SAM; Serial: 1620
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Configuration/Body/Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.393 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.13 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.563 W/kg
SAR(1 g) = 0.369 W/kg; SAR(10 g) = 0.239 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.433 W/kg



0 dB = 0.393 W/kg = -4.06 dBW/kg

Date: 2018-10-27

Test Laboratory: HUAWEI SAR/HAC Lab

POT-LX3 UMTS Band V 4182CH Back Side 15mm-Main Antenna

DUT: POT-LX3; Type: Smart Phone; Serial: SAR2

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 = 0.989 S/m; ε_r = 52.775; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

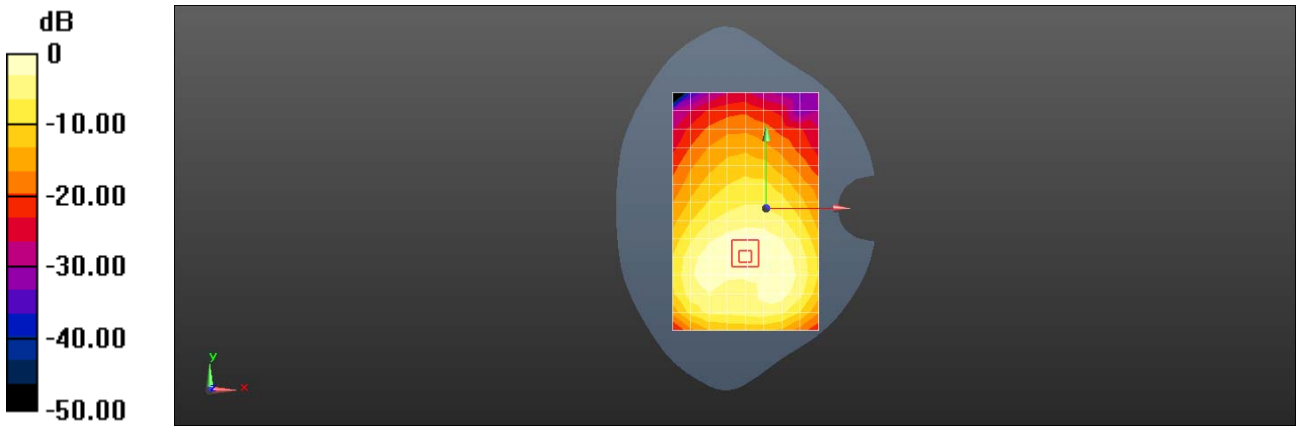
- Probe: ES3DV3 - SN3168; ConvF(6.15, 6.15, 6.15) @ 836.4 MHz; Calibrated: 2018-9-27
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1492; Calibrated: 2018-5-29
- Phantom: SAM4; Type: SAM; Serial: 1620
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Configuration/Body/Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.268 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.329 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.328 W/kg
SAR(1 g) = 0.235 W/kg; SAR(10 g) = 0.160 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.267 W/kg



0 dB = 0.268 W/kg = -5.72 dBW/kg

Date: 2018-10-28

Test Laboratory: HUAWEI SAR/HAC Lab

POT-LX3 UMTS Band V 4182CH Left Side 10mm with Battery4-Second Antenna

DUT: POT-LX3; Type: Smart Phone; Serial: SAR2

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 = 0.989 S/m; ε_r = 52.775; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

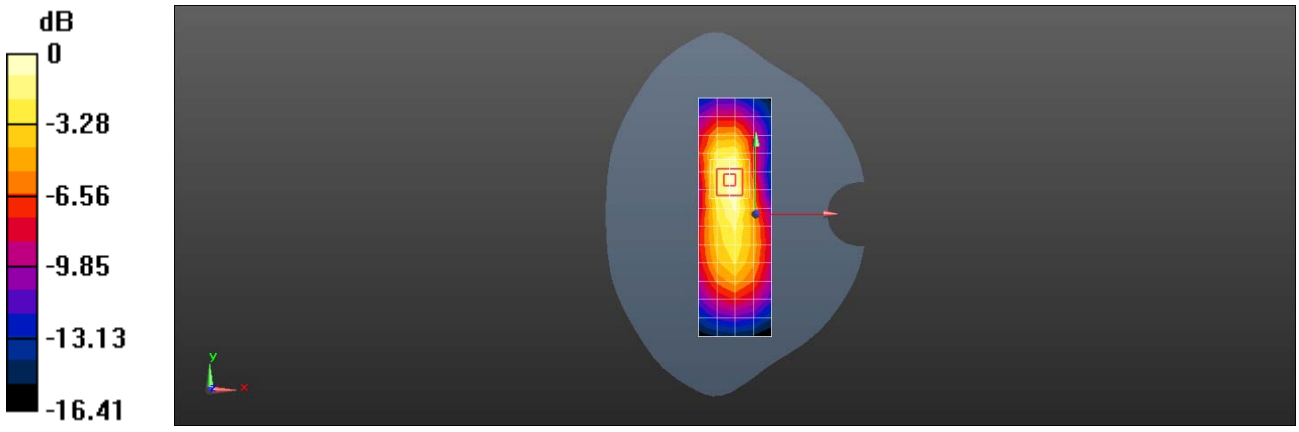
- Probe: ES3DV3 - SN3168; ConvF(6.15, 6.15, 6.15) @ 836.4 MHz; Calibrated: 2018-9-27
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1492; Calibrated: 2018-5-29
- Phantom: SAM4; Type: SAM; Serial: 1620
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Configuration/Body/Area Scan (5x14x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.327 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.20 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.501 W/kg
SAR(1 g) = 0.306 W/kg; SAR(10 g) = 0.181 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.376 W/kg



0 dB = 0.327 W/kg = -4.85 dBW/kg

Date: 2018-10-27

Test Laboratory: HUAWEI SAR/HAC Lab

POT-LX3 UMTS Band V 4182CH Back Side 10mm with Battery2-Main Antenna

DUT: POT-LX3; Type: Smart Phone; Serial: SAR2

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 = 0.989 S/m; ε_r = 52.775; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

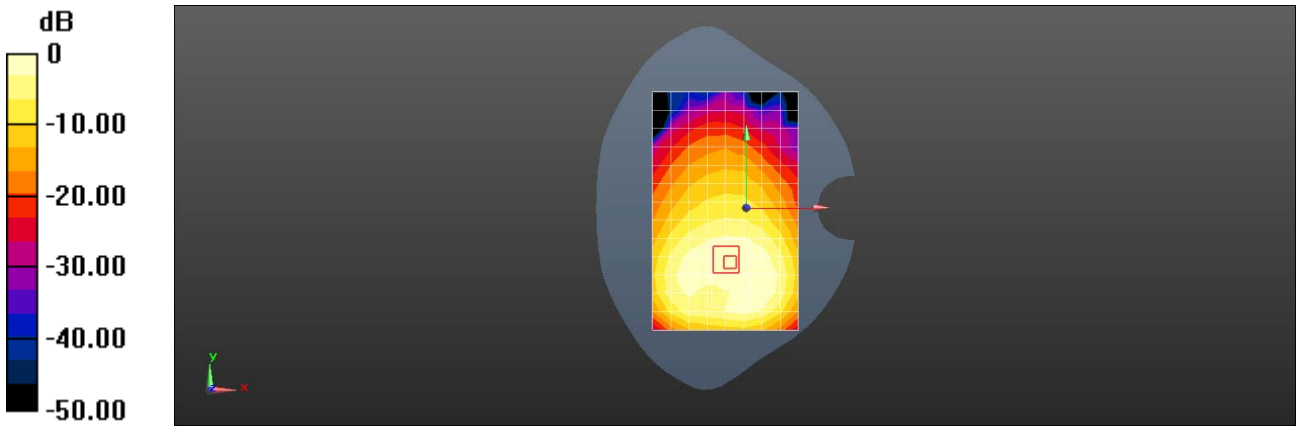
- Probe: ES3DV3 - SN3168; ConvF(6.15, 6.15, 6.15) @ 836.4 MHz; Calibrated: 2018-9-27
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1492; Calibrated: 2018-5-29
- Phantom: SAM4; Type: SAM; Serial: 1620
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Configuration/Body/Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.419 W/kg

Configuration/Body/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.311 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.603 W/kg
SAR(1 g) = 0.380 W/kg; SAR(10 g) = 0.250 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.434 W/kg



0 dB = 0.419 W/kg = -3.78 dBW/kg

Date: 2018-10-26

Test Laboratory: HUAWEI SAR/HAC Lab

POT-LX3 LTE Band 2 20M QPSK 1RB 99 Offset 18700CH Left Cheek with Battery4-Main Antenna

DUT: POT-LX3; Type: Smart Phone; Serial: SAR6

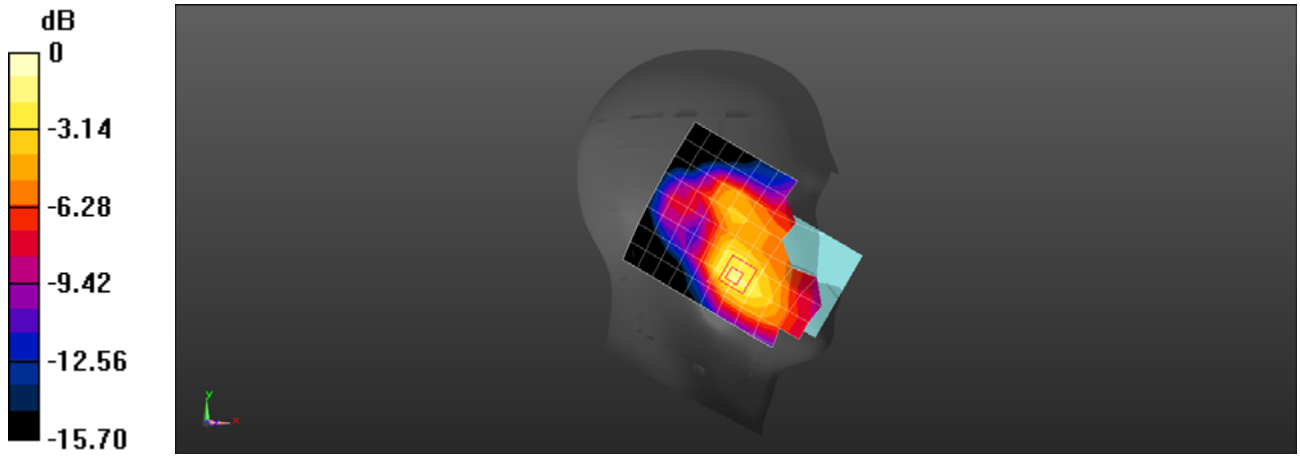
Communication System: UID 0, LTE-FDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 1860 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1860 MHz; σ = 1.438 S/m; ε_r = 38.964; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN7381; ConvF(8.32, 8.32, 8.32) @ 1860 MHz; Calibrated: 2018-9-28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1554; Calibrated: 2018-6-5
- Phantom: SAM9; Type: SAM; Serial: 1958
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Configuration/Head/Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.160 W/kg

Configuration/Head/Zoom Scan (5x5x5)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.861 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.255 W/kg
SAR(1 g) = 0.169 W/kg; SAR(10 g) = 0.108 W/kg
Maximum value of SAR (measured) = 0.218 W/kg



0 dB = 0.218 W/kg = -6.62 dBW/kg

Date: 2018-10-25

Test Laboratory: HUAWEI SAR/HAC Lab

POT-LX3 LTE Band 2 20M QPSK 50%RB 0 Offset 18700CH Back Side 15mm with Battery2-Main Antenna

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

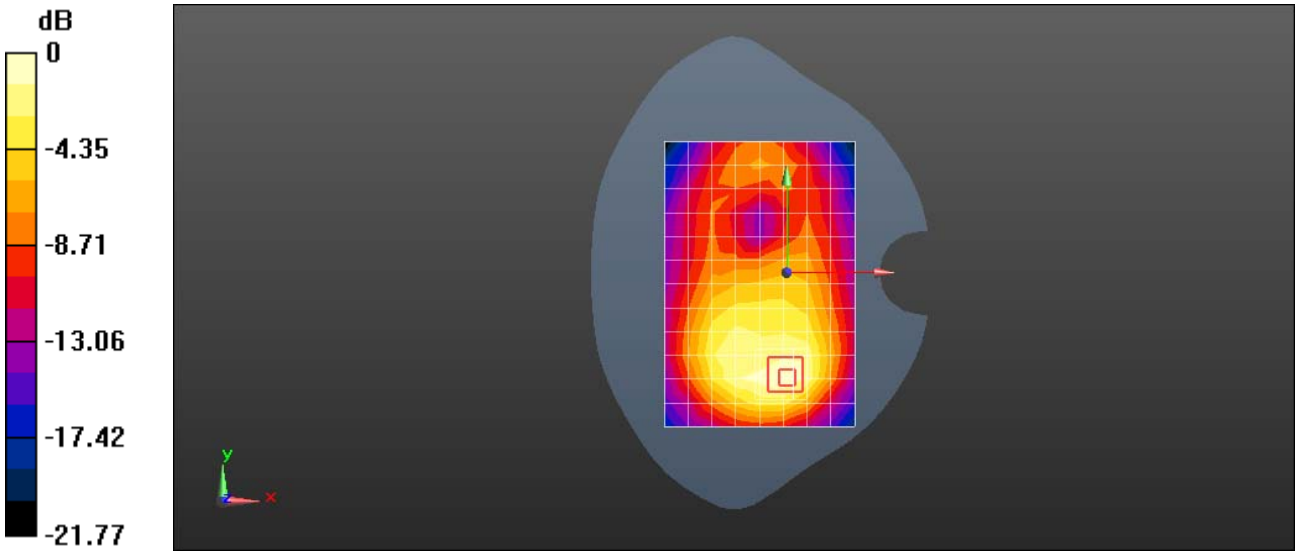
Communication System: UID 0, LTE-FDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 1860 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1860 MHz; σ = 1.535 S/m; ε_r = 53.383; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.52, 7.52, 7.52) @ 1860 MHz; Calibrated: 2018-4-27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn851; Calibrated: 2018-7-18
- Phantom: SAM2; Type: SAM; Serial: 1474
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Configuration/Body/Area Scan (9x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.366 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.798 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.424 W/kg
SAR(1 g) = 0.256 W/kg; SAR(10 g) = 0.149 W/kg
Maximum value of SAR (measured) = 0.357 W/kg



0 dB = 0.366 W/kg = -4.37 dBW/kg

Date: 2018-10-26

Test Laboratory: HUAWEI SAR/HAC Lab

POT-LX3 LTE Band 2 20M QPSK 1RB 50 Offset 18700CH Bottom Side 10mm with Battery4-Main Antenna

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

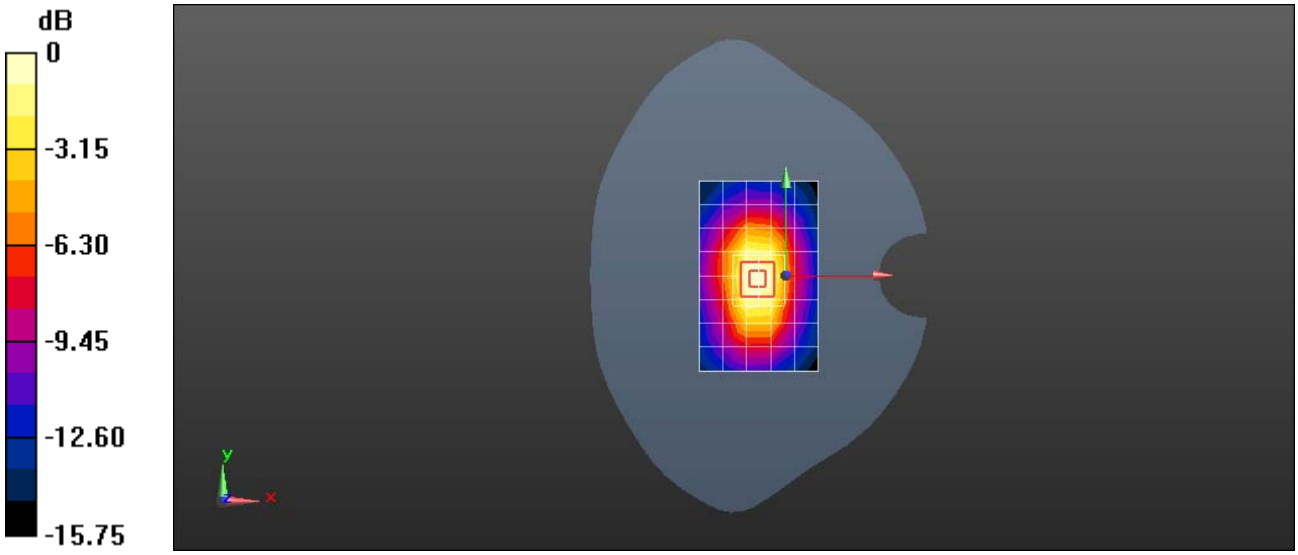
Communication System: UID 0, LTE-FDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 1860 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1860 MHz; σ = 1.535 S/m; ε_r = 53.383; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.52, 7.52, 7.52) @ 1860 MHz; Calibrated: 2018-4-27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn851; Calibrated: 2018-7-18
- Phantom: SAM2; Type: SAM; Serial: 1474
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Configuration/Body/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.318 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.18 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.493 W/kg
SAR(1 g) = 0.285 W/kg; SAR(10 g) = 0.156 W/kg
Maximum value of SAR (measured) = 0.422 W/kg



0 dB = 0.318 W/kg = -4.98 dBW/kg

Date: 2018-10-24

Test Laboratory: HUAWEI SAR/HAC Lab

POT-LX3 LTE Band 4 20M QPSK 1RB 0 Offset 20175CH Left Cheek-Main Antenna

DUT: POT-LX3; Type: Smart Phone; Serial: SAR2

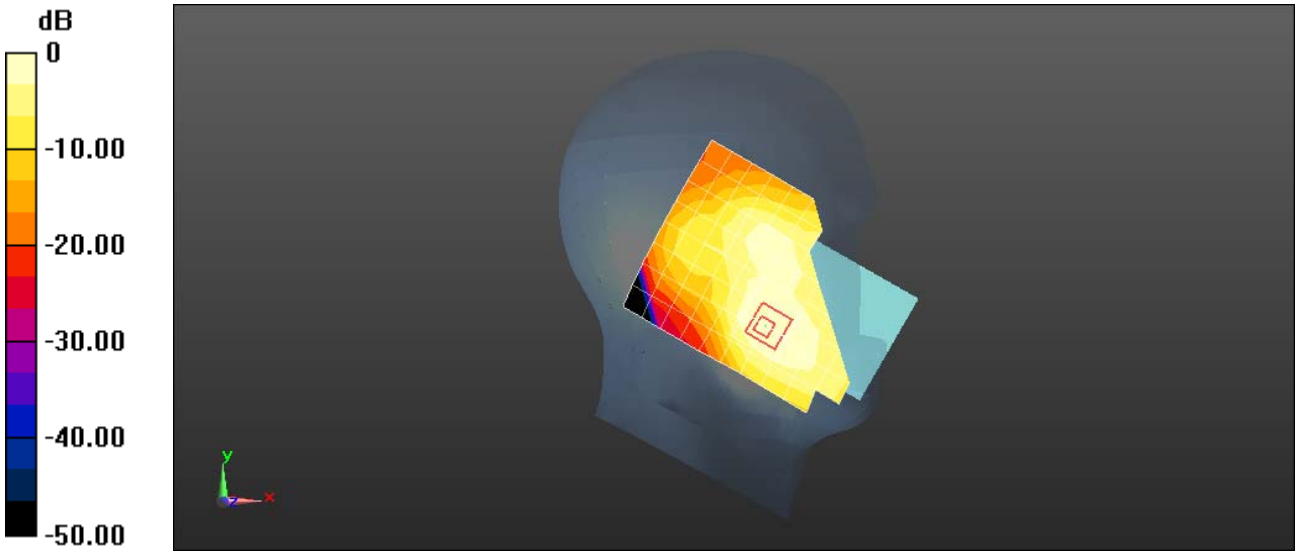
Communication System: UID 0, LTE-FDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1733 MHz; σ = 1.298 S/m; ε_r = 41.504; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.43, 5.43, 5.43) @ 1732.5 MHz; Calibrated: 2018-9-27
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1492; Calibrated: 2018-5-29
- Phantom: SAM3; Type: SAM; Serial: 1597
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Configuration/Head/Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.188 W/kg

Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.66 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.237 W/kg
SAR(1 g) = 0.163 W/kg; SAR(10 g) = 0.109 W/kg
Maximum value of SAR (measured) = 0.186 W/kg



0 dB = 0.188 W/kg = -7.26 dBW/kg

Date: 2018-10-26

Test Laboratory: HUAWEI SAR/HAC Lab

POT-LX3 LTE Band 4 20M QPSK 50%RB 0 Offset 20175CH Back Side 15mm with Battery2-Main Antenna

DUT: POT-LX3; Type: Smart Phone; Serial: SAR2

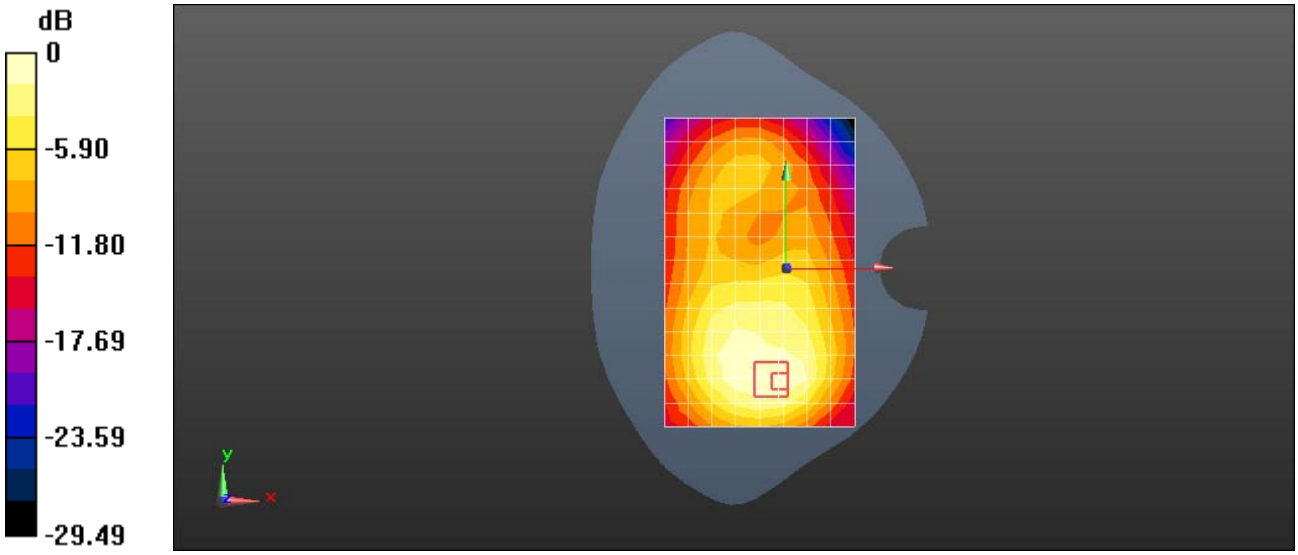
Communication System: UID 0, LTE-FDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1733 MHz; σ = 1.505 S/m; ε_r = 51.097; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.02, 5.02, 5.02) @ 1732.5 MHz; Calibrated: 2018-9-27
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1492; Calibrated: 2018-5-29
- Phantom: SAM4; Type: SAM; Serial: 1620
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Configuration/Body/Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.307 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.489 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.382 W/kg
SAR(1 g) = 0.258 W/kg; SAR(10 g) = 0.162 W/kg
Maximum value of SAR (measured) = 0.296 W/kg



0 dB = 0.307 W/kg = -5.13 dBW/kg

Date: 2018-10-26

Test Laboratory: HUAWEI SAR/HAC Lab

POT-LX3 LTE Band 4 20M QPSK 50%RB 0 Offset 20175CH Bottom Side 10mm-Main Antenna

DUT: POT-LX3; Type: Smart Phone; Serial: SAR2

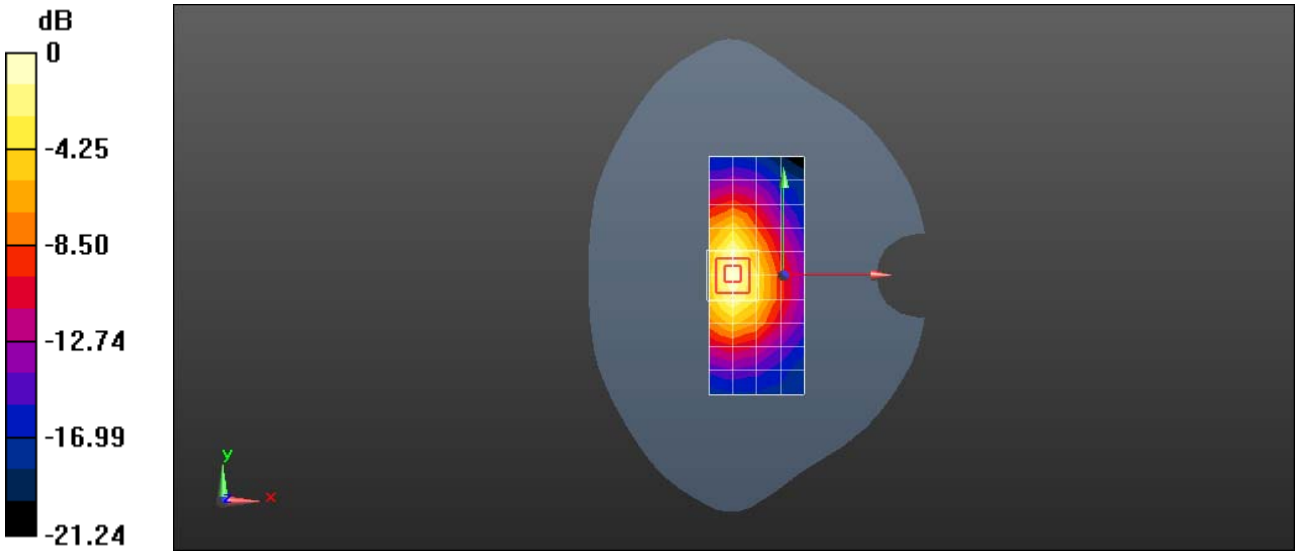
Communication System: UID 0, LTE-FDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1733 MHz; σ = 1.505 S/m; ε_r = 51.097; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.02, 5.02, 5.02) @ 1732.5 MHz; Calibrated: 2018-9-27
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1492; Calibrated: 2018-5-29
- Phantom: SAM4; Type: SAM; Serial: 1620
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Configuration/Body/Area Scan (5x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.359 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.32 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.456 W/kg
SAR(1 g) = 0.292 W/kg; SAR(10 g) = 0.168 W/kg
Maximum value of SAR (measured) = 0.357 W/kg



0 dB = 0.359 W/kg = -4.45 dBW/kg

Date: 2018-10-28

Test Laboratory: HUAWEI SAR/HAC Lab

POT-LX3 LTE Band 5 10M QPSK 50%RB 13 Offset 20600CH Right Tilt with Battery2-Second Antenna

DUT: POT-LX3; Type: Smart Phone; Serial: SAR2

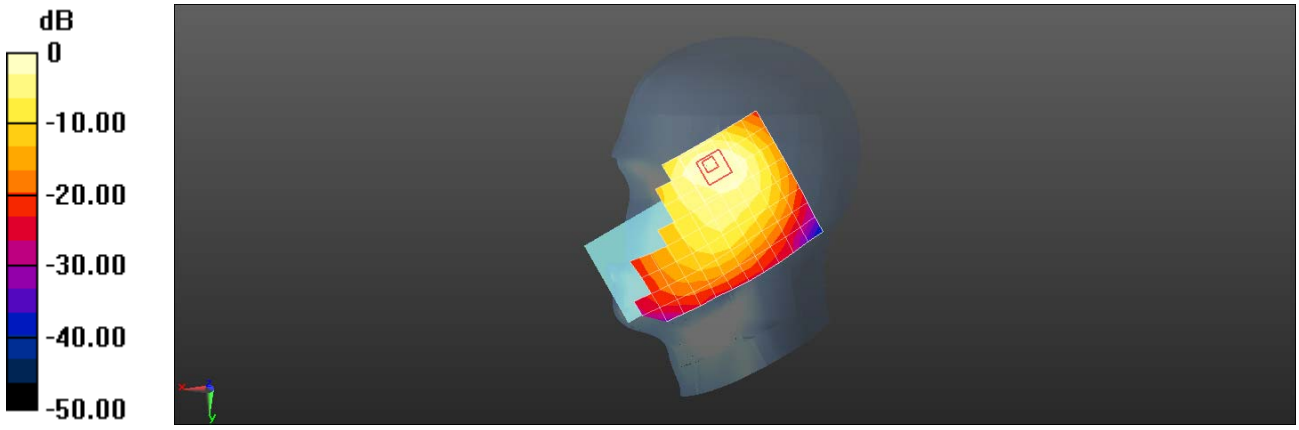
Communication System: UID 0, LTE-FDD (SC-FDMA, 10MHz, QPSK/16-QAM) (0); Frequency: 844 MHz;Duty Cycle: 1:1
Medium parameters used: f = 844 MHz; σ = 0.884 S/m; ε_r = 41.29; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(6.35, 6.35, 6.35) @ 844 MHz; Calibrated: 2018-9-27
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1492; Calibrated: 2018-5-29
- Phantom: SAM3; Type: SAM; Serial: 1597
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Configuration/Head/Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.568 W/kg

Configuration/Head/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.84 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.870 W/kg
SAR(1 g) = 0.483 W/kg; SAR(10 g) = 0.287 W/kg
Maximum value of SAR (measured) = 0.613 W/kg



0 dB = 0.568 W/kg = -2.46 dBW/kg

Date: 2018-10-28

Test Laboratory: HUAWEI SAR/HAC Lab

POT-LX3 LTE Band 5 10M QPSK 1RB 25 Offset 20525CH Left Cheek with Battery2-Main Antenna

DUT: POT-LX3; Type: Smart Phone; Serial: SAR2

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 = 0.881 S/m; ε_r = 41.308; ρ = 1000 kg/m^3
Phantom section: Left Section

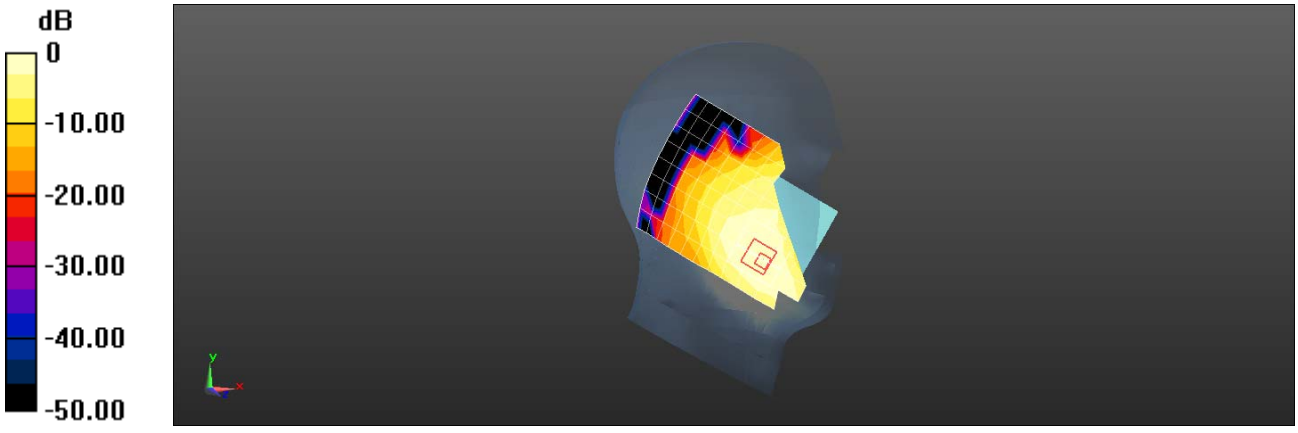
DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(6.35, 6.35, 6.35) @ 836.5 MHz; Calibrated: 2018-9-27
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1492; Calibrated: 2018-5-29
- Phantom: SAM3; Type: SAM; Serial: 1597
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Configuration/Head/Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.0373 W/kg

Configuration/Head/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.154 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.0440 W/kg
SAR(1 g) = 0.034 W/kg; SAR(10 g) = 0.026 W/kg
Maximum value of SAR (measured) = 0.0378 W/kg



0 dB = 0.0373 W/kg = -14.28 dBW/kg

Date: 2018-10-27

Test Laboratory: HUAWEI SAR/HAC Lab

POT-LX3 LTE Band 5 10M QPSK 1RB 0 Offset 20600CH Back Side 15mm with Battery3-Second Antenna

DUT: POT-LX3; Type: Smart Phone; Serial: SAR2

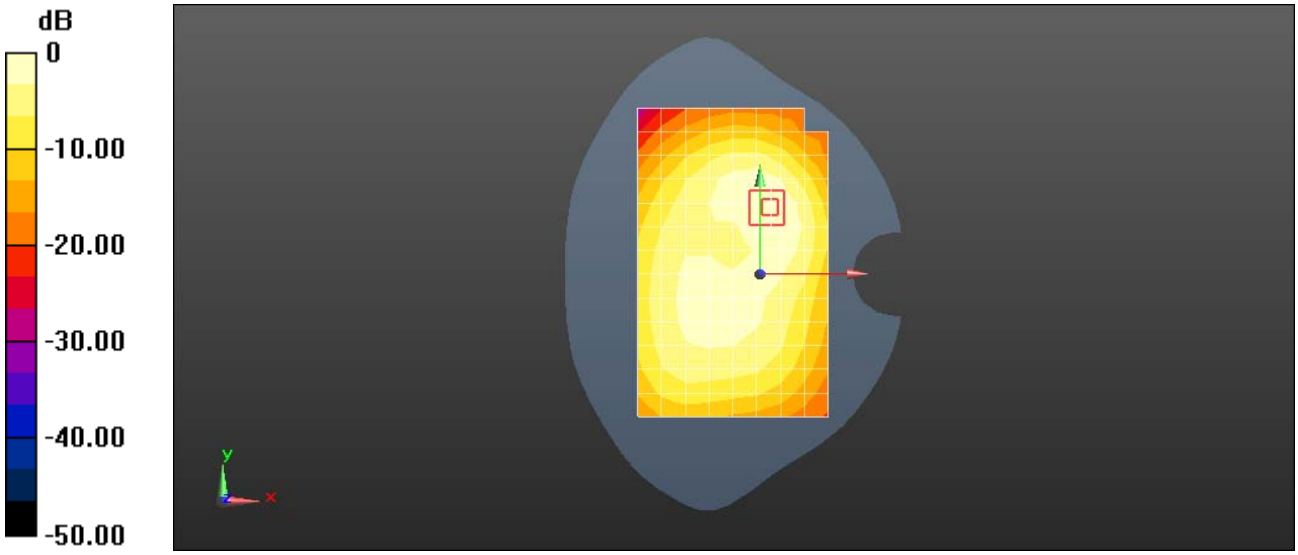
Communication System: UID 0, LTE-FDD (SC-FDMA, 10MHz, QPSK/16-QAM) (0); Frequency: 844 MHz;Duty Cycle: 1:1
Medium parameters used: f = 844 MHz; σ = 0.992 S/m; ε_r = 52.748; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(6.15, 6.15, 6.15) @ 844 MHz; Calibrated: 2018-9-27
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1492; Calibrated: 2018-5-29
- Phantom: SAM4; Type: SAM; Serial: 1620
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Configuration/Body/Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.400 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.51 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.545 W/kg
SAR(1 g) = 0.362 W/kg; SAR(10 g) = 0.236 W/kg
Maximum value of SAR (measured) = 0.426 W/kg



0 dB = 0.400 W/kg = -3.98 dBW/kg

Date: 2018-10-27

Test Laboratory: HUAWEI SAR/HAC Lab

POT-LX3 LTE Band 5 10M QPSK 1RB 25 Offset 20525CH Back Side 15mm with Battery3-Main Antenna

DUT: POT-LX3; Type: Smart Phone; Serial: SAR2

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 = 0.989 S/m; ε_r = 52.774; ρ = 1000 kg/m^3
Phantom section: Flat Section

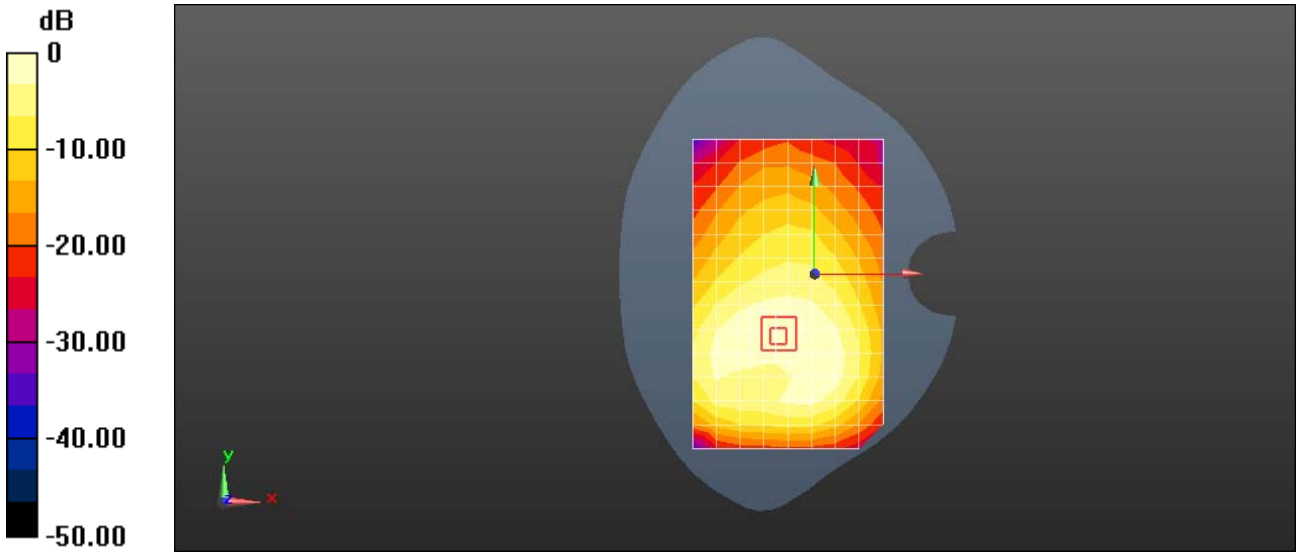
DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(6.15, 6.15, 6.15) @ 836.5 MHz; Calibrated: 2018-9-27
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1492; Calibrated: 2018-5-29
- Phantom: SAM4; Type: SAM; Serial: 1620
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Configuration/Body/Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm

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

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.297 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.304 W/kg
SAR(1 g) = 0.217 W/kg; SAR(10 g) = 0.148 W/kg
Maximum value of SAR (measured) = 0.247 W/kg



0 dB = 0.234 W/kg = -6.31 dBW/kg

Date: 2018-10-27

Test Laboratory: HUAWEI SAR/HAC Lab

POT-LX3 LTE Band 5 10M QPSK 1RB 0 Offset 20600CH Back Side 10mm with Battery4-Second Antenna

DUT: POT-LX3; Type: Smart Phone; Serial: SAR2

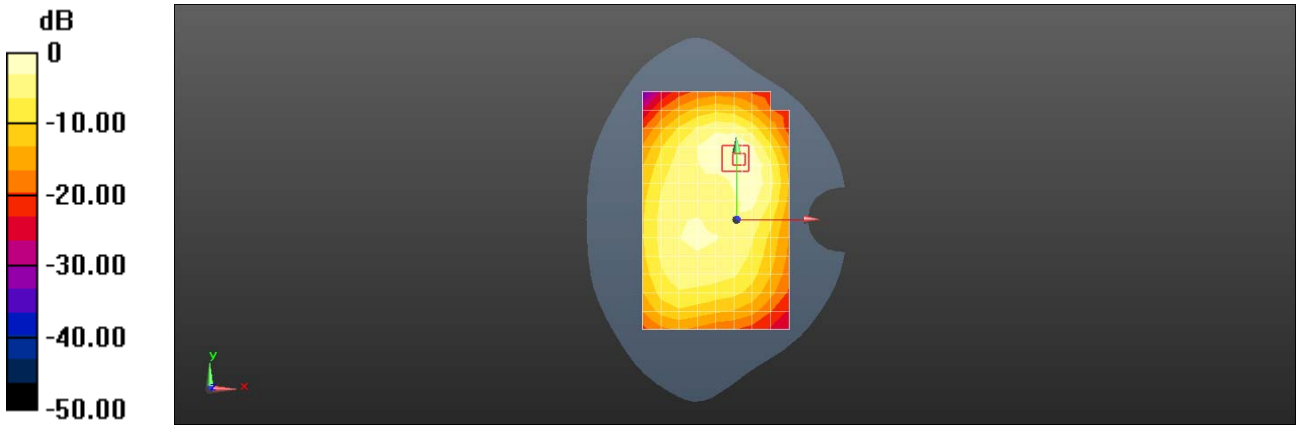
Communication System: UID 0, LTE-FDD (SC-FDMA, 10MHz, QPSK/16-QAM) (0); Frequency: 844 MHz;Duty Cycle: 1:1
Medium parameters used: f = 844 MHz; σ = 0.992 S/m; ε_r = 52.748; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(6.15, 6.15, 6.15) @ 844 MHz; Calibrated: 2018-9-27
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1492; Calibrated: 2018-5-29
- Phantom: SAM4; Type: SAM; Serial: 1620
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Configuration/Body/Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.581 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.11 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.921 W/kg
SAR(1 g) = 0.566 W/kg; SAR(10 g) = 0.350 W/kg
Maximum value of SAR (measured) = 0.682 W/kg



0 dB = 0.581 W/kg = -2.36 dBW/kg

Date: 2018-10-26

Test Laboratory: HUAWEI SAR/HAC Lab

POT-LX3 LTE Band 5 10M QPSK 1RB 25 Offset 20525CH Back Side 10mm with Battery2-Main Antenna

DUT: POT-LX3; Type: Smart Phone; Serial: SAR2

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 = 0.989 S/m; ε_r = 52.774; ρ = 1000 kg/m^3
Phantom section: Flat Section

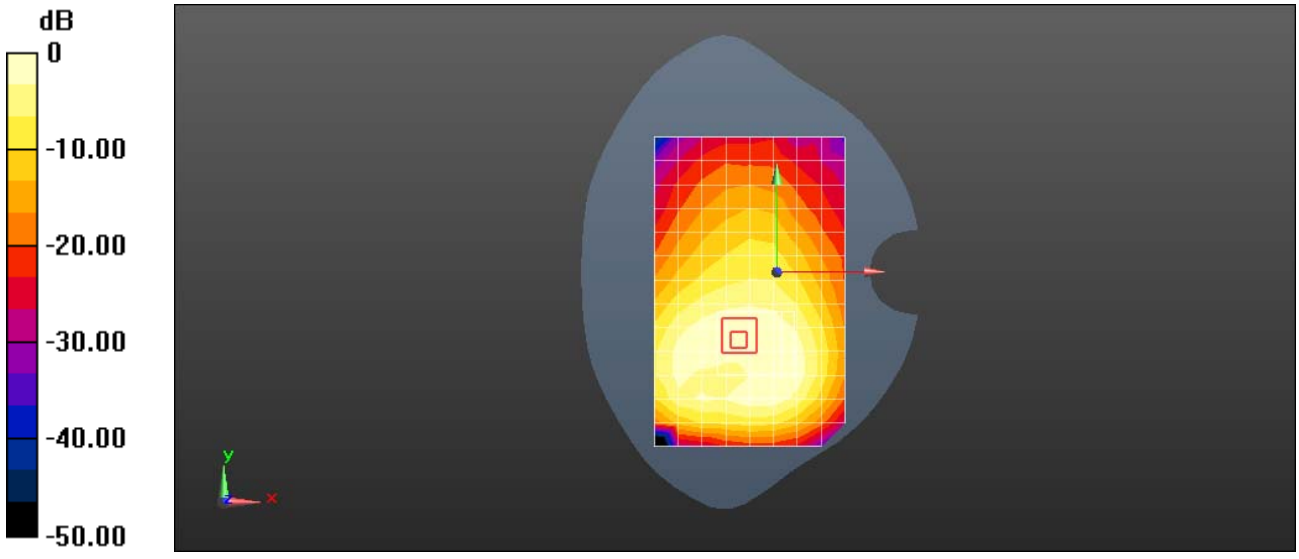
DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(6.15, 6.15, 6.15) @ 836.5 MHz; Calibrated: 2018-9-27
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1492; Calibrated: 2018-5-29
- Phantom: SAM4; Type: SAM; Serial: 1620
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Configuration/Body/Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.388 W/kg

Configuration/Body/Zoom Scan (7x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.922 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.550 W/kg
SAR(1 g) = 0.336 W/kg; SAR(10 g) = 0.225 W/kg
Maximum value of SAR (measured) = 0.390 W/kg



0 dB = 0.388 W/kg = -4.11 dBW/kg

Date: 2018-10-28

Test Laboratory: HUAWEI SAR/HAC Lab

POT-LX3 LTE Band 7 20M QPSK 1RB 0 Offset 21350CH Left Cheek with SIM2-Main Antenna

DUT: POT-LX3; Type: Smart Phone; Serial: SAR4

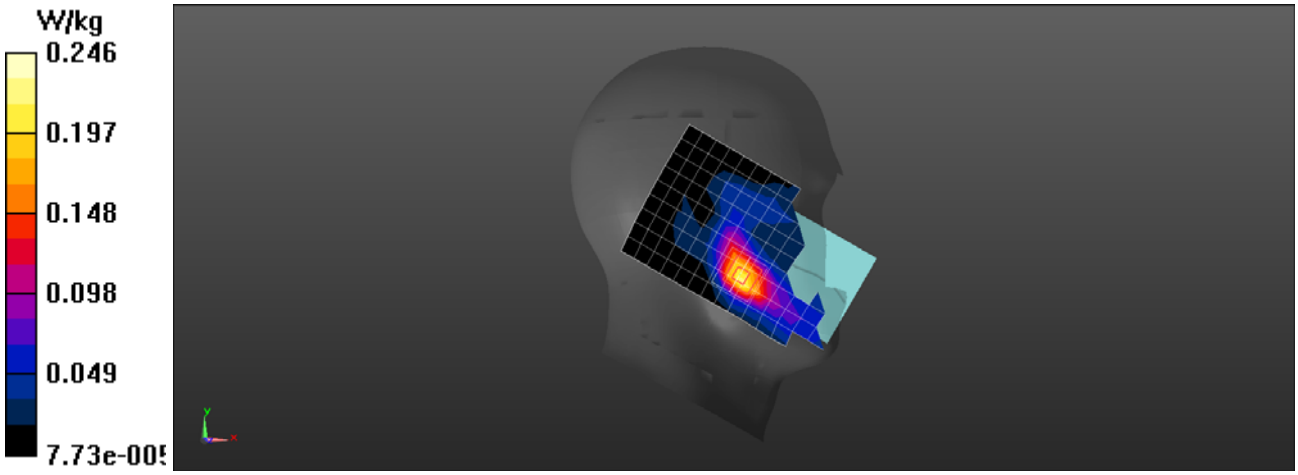
Communication System: UID 0, LTE-FDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 2560 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2560 MHz; σ = 1.935 S/m; ε_r = 38.321; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY Configuration:

- Probe: ES3DV3 - SN3071; ConvF(4.2, 4.2, 4.2) @ 2560 MHz; Calibrated: 2017-12-18
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1235; Calibrated: 2017-11-16
- Phantom: SAM6; Type: SAM; Serial: 1892
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Configuration/Head/Area Scan (10x16x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.228 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.305 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.350 W/kg
SAR(1 g) = 0.196 W/kg; SAR(10 g) = 0.103 W/kg
Maximum value of SAR (measured) = 0.246 W/kg



Date: 2018-10-26

Test Laboratory: HUAWEI SAR/HAC Lab

POT-LX3 LTE Band 7 20M QPSK 1RB 99 Offset 21350CH Back Side 15mm-Main Antenna

DUT: POT-LX3; Type: Smart Phone; Serial: SAR4

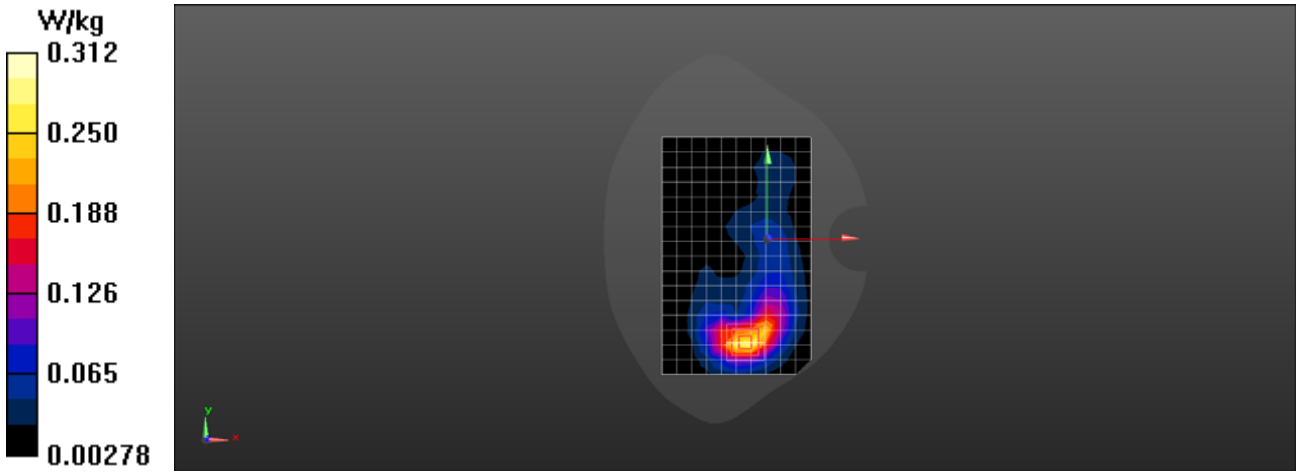
Communication System: UID 0, LTE-FDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 2560 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2560 MHz; σ = 2.132 S/m; ε_r = 52.127; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3071; ConvF(4, 4, 4) @ 2560 MHz; Calibrated: 2017-12-18
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1235; Calibrated: 2017-11-16
- Phantom: SAM7; Type: SAM; Serial: 1894
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Configuration/Body/Area Scan (11x17x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.276 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.667 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.458 W/kg
SAR(1 g) = 0.246 W/kg; SAR(10 g) = 0.128 W/kg
Maximum value of SAR (measured) = 0.312 W/kg



Date: 2018-10-27

Test Laboratory: HUAWEI SAR/HAC Lab

POT-LX3 LTE Band 7 20M QPSK 50%RB 0 Offset 21100CH Bottom Side 10mm with Battery2-Main Antenna

DUT: POT-LX3; Type: Smart Phone; Serial: SAR4

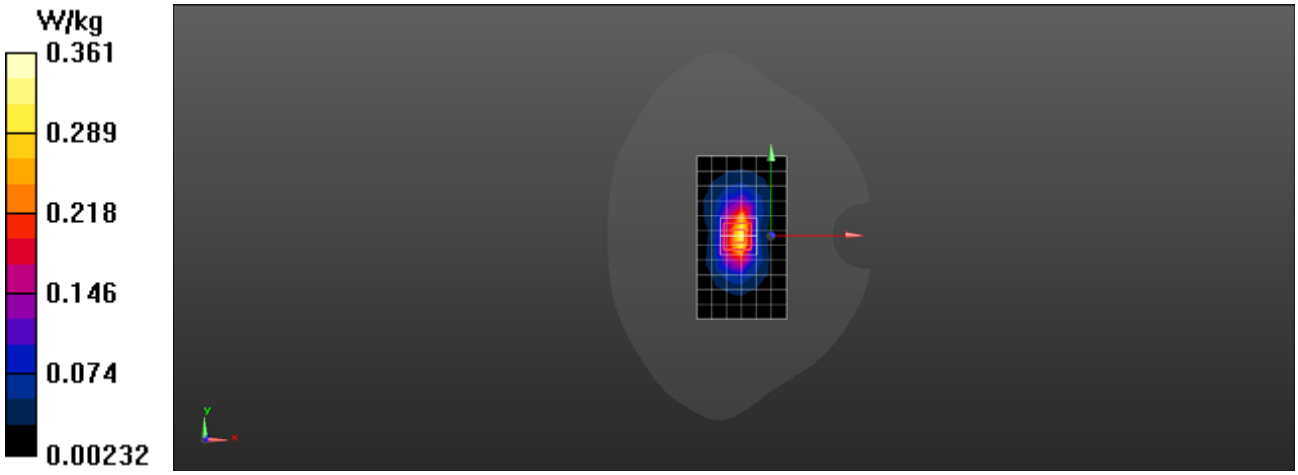
Communication System: UID 0, LTE-FDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 2535 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2535 MHz; σ = 2.107 S/m; ε_r = 52.154; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3071; ConvF(4, 4, 4) @ 2535 MHz; Calibrated: 2017-12-18
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1235; Calibrated: 2017-11-16
- Phantom: SAM7; Type: SAM; Serial: 1894
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Configuration/Body/Area Scan (7x12x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.324 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 13.40 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.553 W/kg
SAR(1 g) = 0.274 W/kg; SAR(10 g) = 0.130 W/kg
Maximum value of SAR (measured) = 0.361 W/kg



Date: 2018-10-30

Test Laboratory: HUAWEI SAR/HAC Lab

POT-LX3 WIFI 2.4G 1M 11CH Left Cheek with Battery3

DUT: POT-LX3; Type: Smart Phone; Serial: SAR2

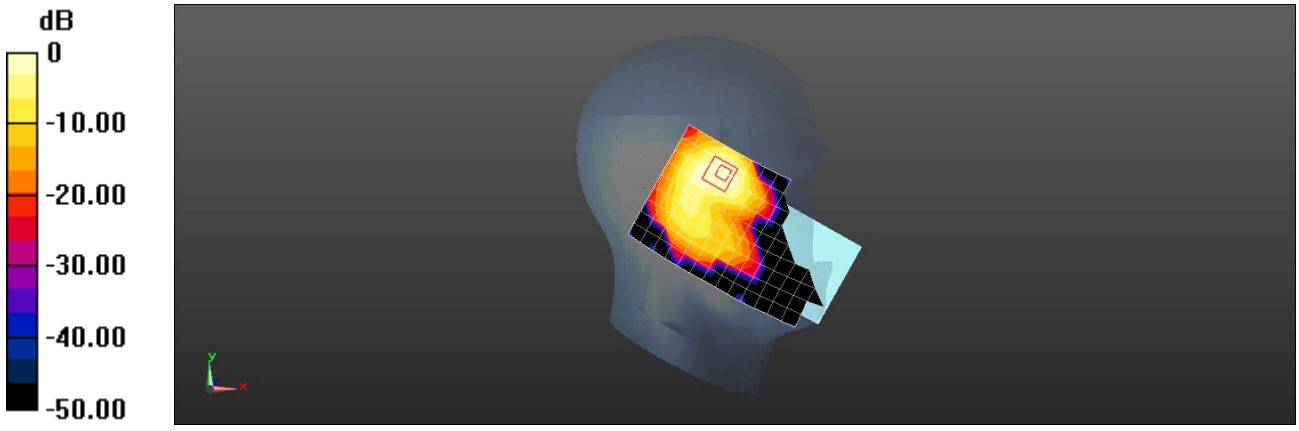
Communication System: UID 0, WiFi(802.11a/b/g/n/ac) (0); Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 1.775 S/m; ε_r = 40.428; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.7, 4.7, 4.7) @ 2462 MHz; Calibrated: 2018-9-27
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1492; Calibrated: 2018-5-29
- Phantom: SAM3; Type: SAM; Serial: 1597
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Configuration/Head/Area Scan (10x16x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.124 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.969 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.251 W/kg
SAR(1 g) = 0.113 W/kg; SAR(10 g) = 0.053 W/kg
Maximum value of SAR (measured) = 0.151 W/kg



0 dB = 0.124 W/kg = -9.07 dBW/kg

Date: 2018-10-30

Test Laboratory: HUAWEI SAR/HAC Lab

POT-LX3 WIFI 2.4G 1M 6CH Back Side 15mm

DUT: POT-LX3; Type: Smart Phone; Serial: SAR2

Communication System: UID 0, WiFi(802.11a/b/g/n/ac) (0); Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 2.005 S/m; ε_r = 52.502; ρ = 1000 kg/m^3
Phantom section: Flat Section

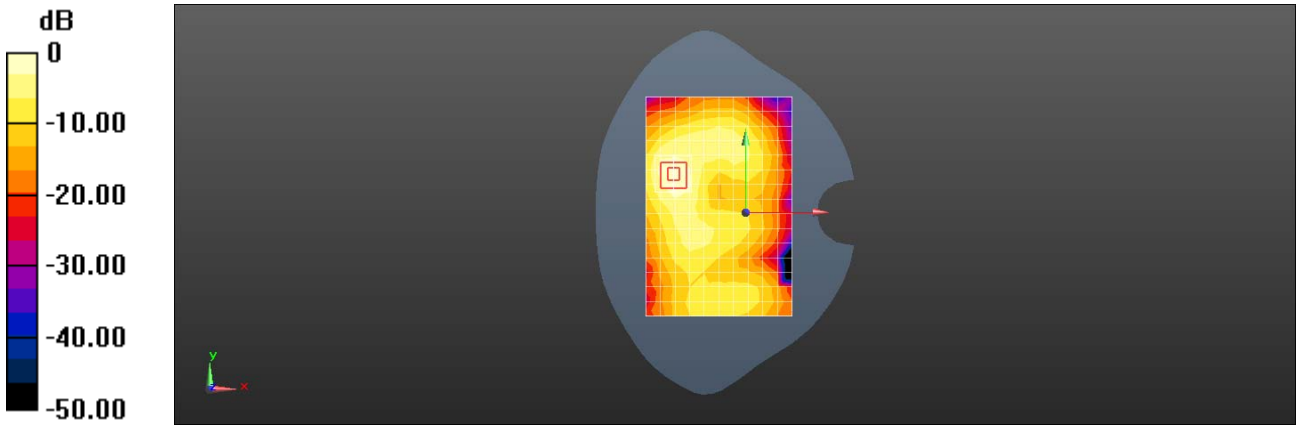
DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.52, 4.52, 4.52) @ 2437 MHz; Calibrated: 2018-9-27
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = -3.0, 32.0
- Electronics: DAE4 Sn1492; Calibrated: 2018-5-29
- Phantom: SAM4; Type: SAM; Serial: 1620
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Configuration/Body/Area Scan (11x16x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.220 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.609 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 0.365 W/kg
SAR(1 g) = 0.185 W/kg; SAR(10 g) = 0.091 W/kg
Maximum value of SAR (measured) = 0.238 W/kg



0 dB = 0.220 W/kg = -6.58 dBW/kg

Date: 2018-10-31

Test Laboratory: HUAWEI SAR/HAC Lab

POT-LX3 WIFI 2.4G 1M 6CH Back Side 10mm with Battery2

DUT: POT-LX3; Type: Smart Phone; Serial: SAR2

Communication System: UID 0, WiFi(802.11a/b/g/n/ac) (0); Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 2.005 S/m; ε_r = 52.502; ρ = 1000 kg/m^3
Phantom section: Flat Section

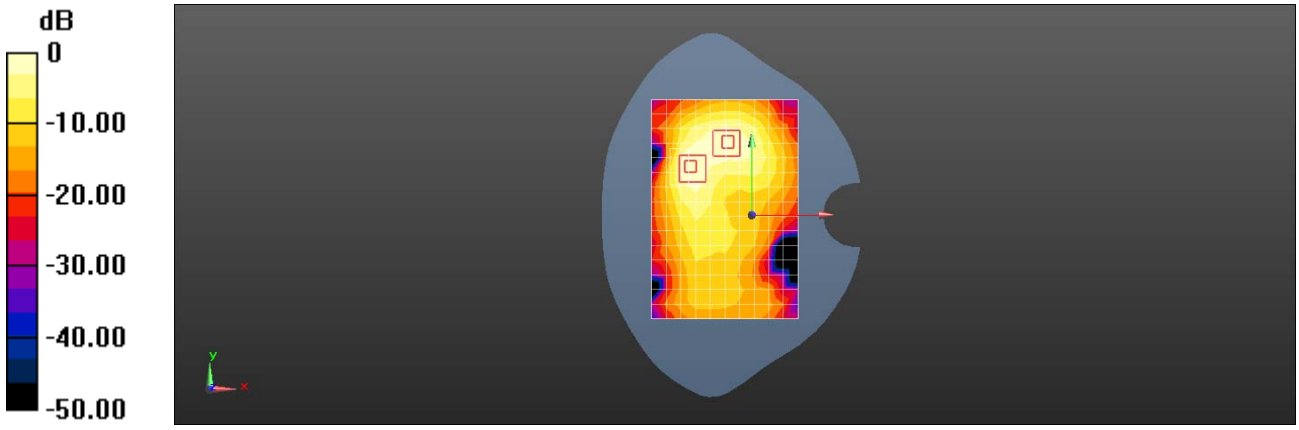
DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.52, 4.52, 4.52) @ 2437 MHz; Calibrated: 2018-9-27
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = -3.0, 32.0
- Electronics: DAE4 Sn1492; Calibrated: 2018-5-29
- Phantom: SAM4; Type: SAM; Serial: 1620
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Configuration/Body/Area Scan (11x16x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.259 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.629 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.505 W/kg
SAR(1 g) = 0.234 W/kg; SAR(10 g) = 0.106 W/kg
Maximum value of SAR (measured) = 0.307 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.629 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.317 W/kg
SAR(1 g) = 0.175 W/kg; SAR(10 g) = 0.099 W/kg
Maximum value of SAR (measured) = 0.215 W/kg



0 dB = 0.259 W/kg = -5.87 dBW/kg