Appendix B. SAR Measurement Plots

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Test Laboratory: HUAWEI SAR/HAC Lab

Y550-L02 GSM850 251CH Left hand touch cheek with battery 3#

DUT: HUAWEI Y550-L02; 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 = 0.948 S/m; ε_r = 39.765; ρ = 1000 kg/m^3

Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.08, 9.08, 9.08); Calibrated: 2014-4-24;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1236; Calibrated: 2013-11-25
- Phantom: SAM2; Type: SAM; Serial: TP:1474
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
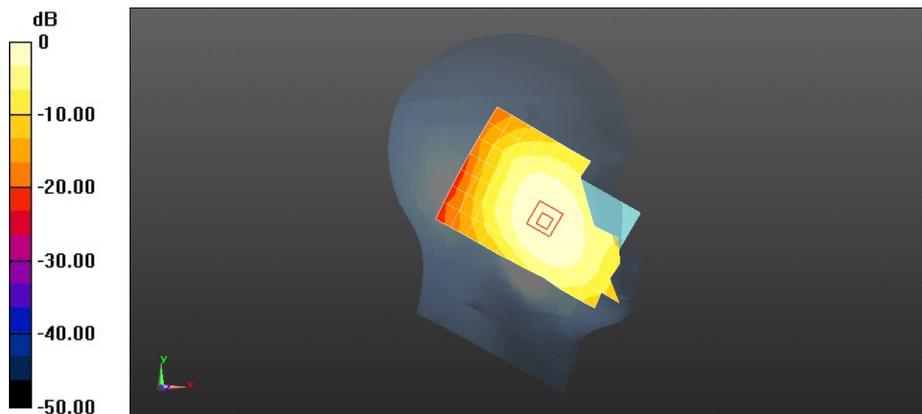
Maximum value of SAR (measured) = 0.365 W/kg

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

Reference Value = 4.740 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.435 W/kg

SAR(1 g) = 0.344 W/kg; SAR(10 g) = 0.259 W/kg

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

0 dB = 0.365 W/kg = -4.38 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

Y550-L02 GSM850 190CH Back side 15mm

DUT: HUAWEI Y550-L02; 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 = 0.958 S/m; $ε_r$ = 53.371; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.08, 9.08, 9.08); Calibrated: 2014-4-24;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1236; Calibrated: 2013-11-25
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
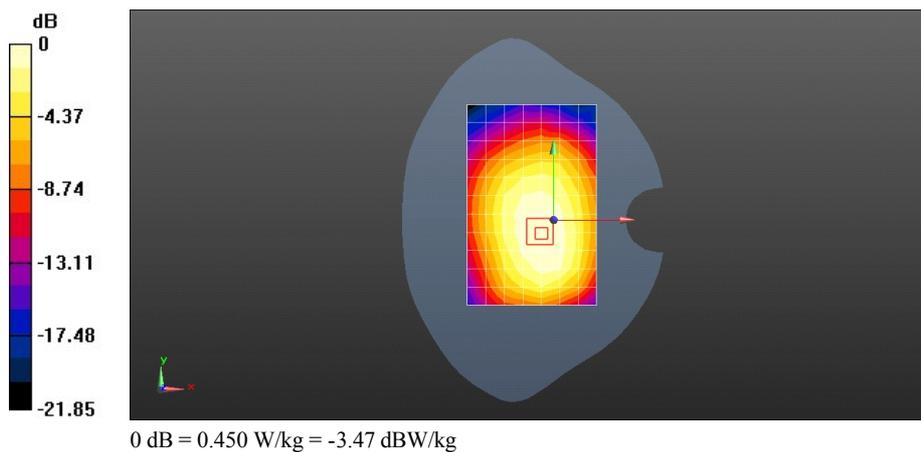Maximum value of SAR (measured) = 0.450 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.86 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 0.511 W/kg
SAR(1 g) = 0.404 W/kg; SAR(10 g) = 0.306 W/kg
Maximum value of SAR (measured) = 0.445 W/kg

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

Test Laboratory: HUAWEI SAR/HAC Lab

Y550-L02 GSM850 GPRS 2TS 190CH Back side 10mm

DUT: HUAWEI Y550-L02; Type: Smart Phone; Serial: SAR1

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 = 0.958 S/m; ε_r = 53.371; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.08, 9.08, 9.08); Calibrated: 2014-4-24;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1236; Calibrated: 2013-11-25
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
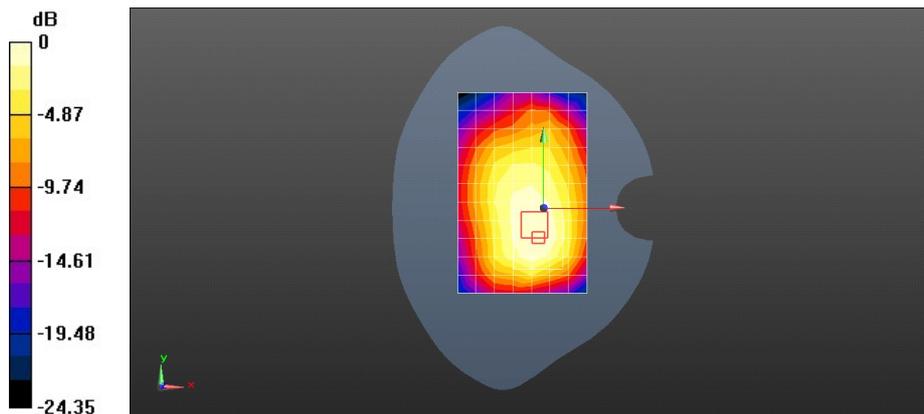Maximum value of SAR (measured) = 0.613 W/kg

Configuration/Body/Zoom Scan (6x7x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.73 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.850 W/kg
SAR(1 g) = 0.551 W/kg; SAR(10 g) = 0.390 W/kg
Maximum value of SAR (measured) = 0.625 W/kg

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

Test Laboratory: HUAWEI SAR/HAC Lab

Y550-L02 GSM1900 810CH Right hand touch cheek

DUT: HUAWEI Y550-L02; Type: Smart Phone; Serial: SAR1

Communication System: UID 0, HW-GSM\GPRS\EGPRS-1TS (0); Frequency: 1909.8 MHz;Duty Cycle: 1:8.30042
Medium parameters used: f = 1910 MHz; σ = 1.424 S/m; ε_r = 39.45; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.15, 5.15, 5.15); Calibrated: 2013-9-30;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1236; Calibrated: 2013-11-25
- Phantom: SAM2; Type: SAM; Serial: TP:1474
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
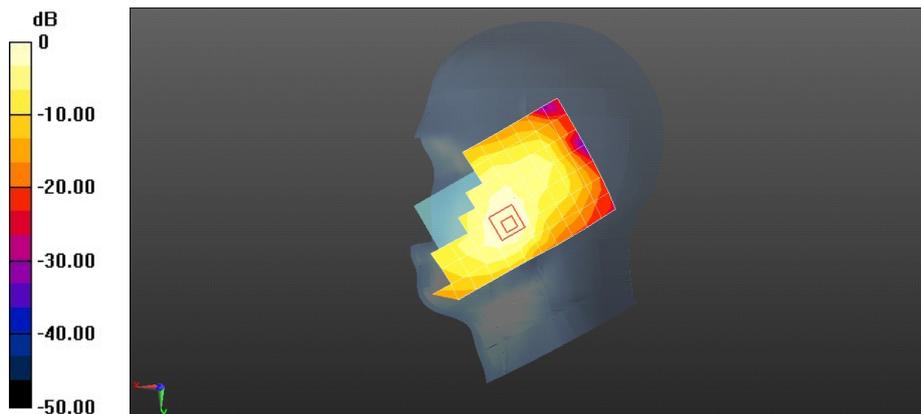Maximum value of SAR (measured) = 0.209 W/kg

Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.508 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.278 W/kg
SAR(1 g) = 0.187 W/kg; SAR(10 g) = 0.116 W/kg
Maximum value of SAR (measured) = 0.220 W/kg

0 dB = 0.209 W/kg = -6.79 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

Y550-L02 GSM1900 661CH Back side 15mm

DUT: HUAWEI Y550-L02; 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 = 1.518 S/m; $ε_r$ = 51.46; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.72, 4.72, 4.72); Calibrated: 2013-9-30;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1236; Calibrated: 2013-11-25
- Phantom: SAM2; Type: SAM; Serial: TP:1474
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
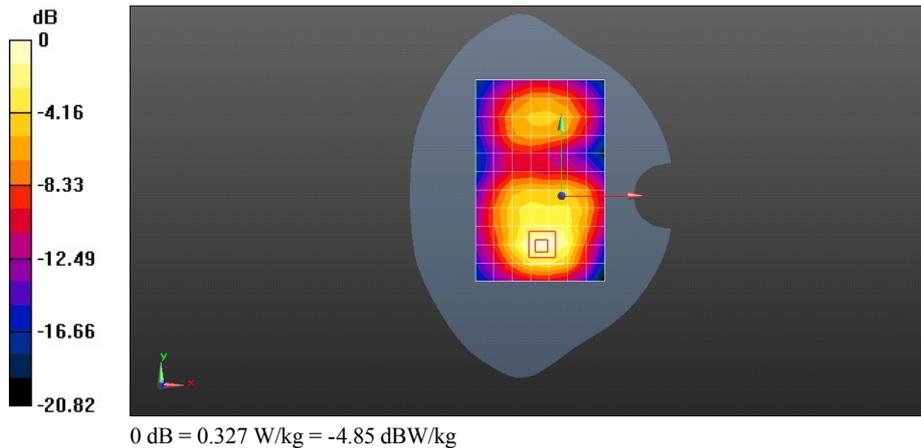
Maximum value of SAR (measured) = 0.327 W/kg

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

Reference Value = 8.514 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.457 W/kg

SAR(1 g) = 0.281 W/kg; SAR(10 g) = 0.161 W/kg

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

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

Test Laboratory: HUAWEI SAR/HAC Lab

Y550-L02 GSM1900 GPRS 2TS 810CH Back side 10mm with battery 3#

DUT: HUAWEI Y550-L02; 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 = 1.544 S/m; $ε_r$ = 51.382; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.72, 4.72, 4.72); Calibrated: 2013-9-30;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1236; Calibrated: 2013-11-25
- Phantom: SAM2; Type: SAM; Serial: TP:1474
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm
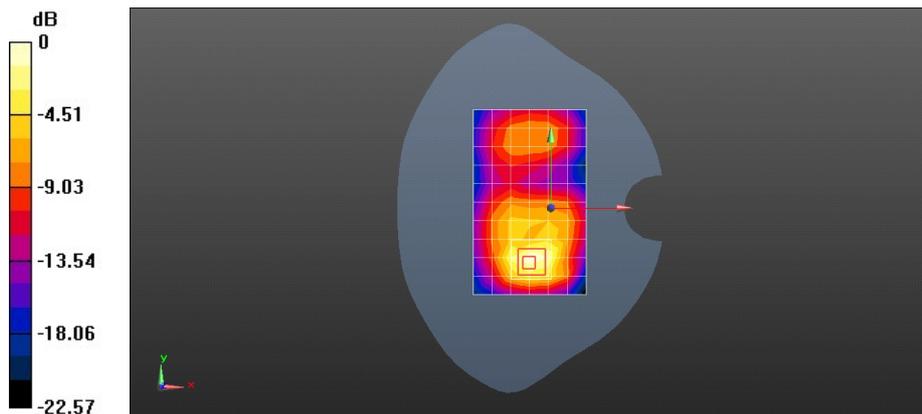Maximum value of SAR (measured) = 0.885 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.35 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.34 W/kg
SAR(1 g) = 0.754 W/kg; SAR(10 g) = 0.388 W/kg
Maximum value of SAR (measured) = 0.942 W/kg

0 dB = 0.885 W/kg = -0.53 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

Y550-L02 UMTS Band V 4182CH Right hand touch cheek

DUT: HUAWEI Y550-L02; 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 = 0.937 S/m; $ε_r$ = 39.906; ρ = 1000 kg/m³
Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.08, 9.08, 9.08); Calibrated: 2014-4-24;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1236; Calibrated: 2013-11-25
- Phantom: SAM2; Type: SAM; Serial: TP:1474
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.378 W/kg

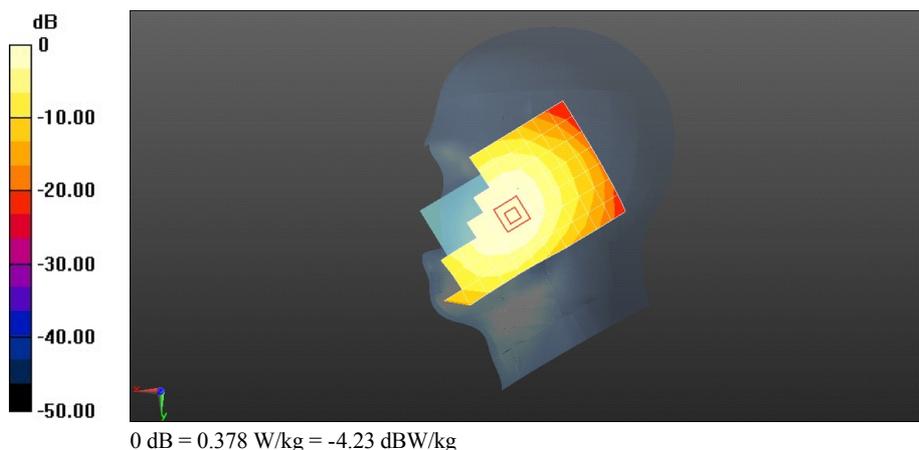**Configuration/Head/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.838 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.433 W/kg
SAR(1 g) = 0.346 W/kg; SAR(10 g) = 0.263 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.379 W/kg

0 dB = 0.378 W/kg = -4.23 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

Y550-L02 UMTS Band V 4182CH Back side 15mm with battery 2#

DUT: HUAWEI Y550-L02; 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 = 0.957 S/m; ε_r = 53.378; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.08, 9.08, 9.08); Calibrated: 2014-4-24;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1236; Calibrated: 2013-11-25
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.443 W/kg

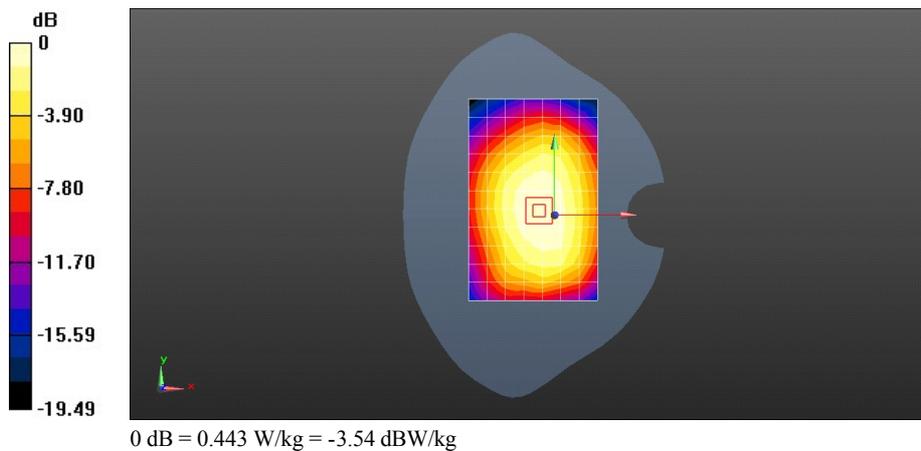**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.96 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.504 W/kg
SAR(1 g) = 0.401 W/kg; SAR(10 g) = 0.307 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.440 W/kg

0 dB = 0.443 W/kg = -3.54 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

Y550-L02 UMTS Band V 4182CH Back side 10mm with battery 3#

DUT: HUAWEI Y550-L02; 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 = 0.957 S/m; ε_r = 53.378; ρ = 1000 kg/m³
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.08, 9.08, 9.08); Calibrated: 2014-4-24;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1236; Calibrated: 2013-11-25
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.337 W/kg

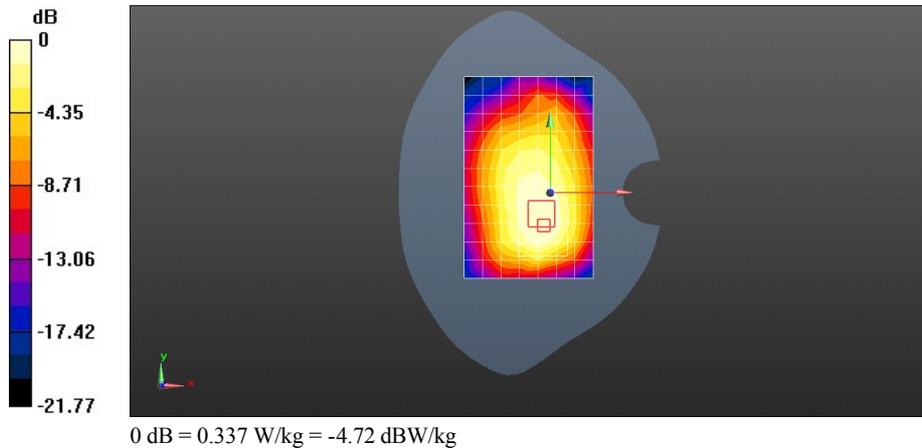**Configuration/Body/Zoom Scan (6x7x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.97 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 0.477 W/kg
SAR(1 g) = 0.304 W/kg; SAR(10 g) = 0.211 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.347 W/kg

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

Test Laboratory: HUAWEI SAR/HAC Lab

Y550-L02 LTE Band V 10M QPSK 1RB#0 20600CH Right hand touch cheek

DUT: HUAWEI Y550-L02; 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 = 0.944 S/m; $ε_r$ = 39.824; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.08, 9.08, 9.08); Calibrated: 2014-4-24;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1236; Calibrated: 2013-11-25
- Phantom: SAM2; Type: SAM; Serial: TP:1474
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
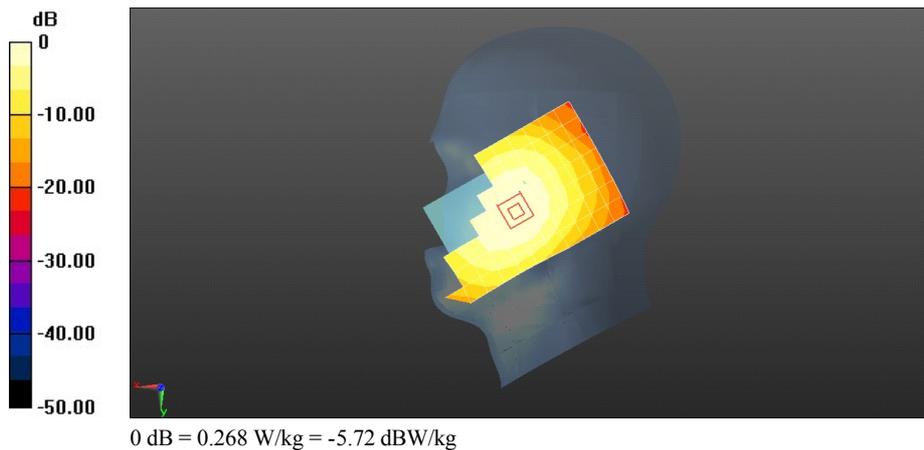Maximum value of SAR (measured) = 0.268 W/kg

Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.684 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.326 W/kg
SAR(1 g) = 0.253 W/kg; SAR(10 g) = 0.191 W/kg
Maximum value of SAR (measured) = 0.277 W/kg

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

Test Laboratory: HUAWEI SAR/HAC Lab

Y550-L02 LTE Band V 10M QPSK 1RB#25 20525CH Back side 15mm

DUT: HUAWEI Y550-L02; 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 = 0.957 S/m; ε_r = 53.377; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.08, 9.08, 9.08); Calibrated: 2014-4-24;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1236; Calibrated: 2013-11-25
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.357 W/kg

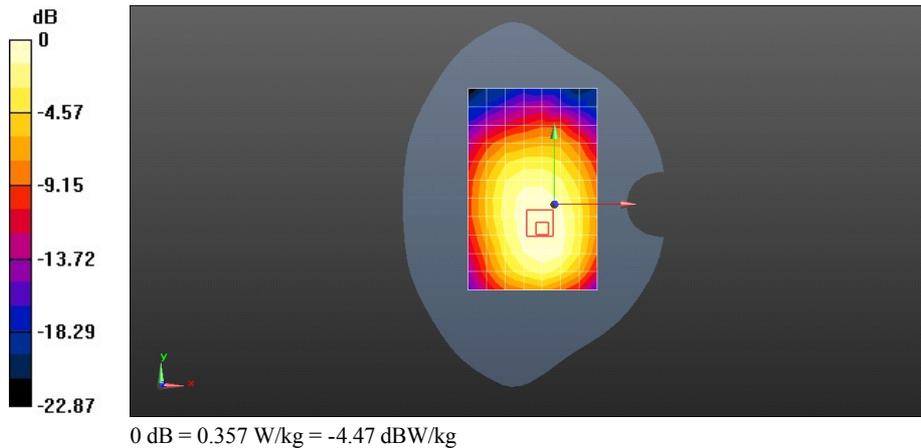**Configuration/Body/Zoom Scan (5x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.98 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.420 W/kg
SAR(1 g) = 0.321 W/kg; SAR(10 g) = 0.241 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.358 W/kg

0 dB = 0.357 W/kg = -4.47 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

Y550-L02 LTE Band V 10M QPSK 1RB#25 20525CH Back side 10mm

DUT: HUAWEI Y550-L02; 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 = 0.957 S/m; $ε_r$ = 53.377; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.08, 9.08, 9.08); Calibrated: 2014-4-24;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1236; Calibrated: 2013-11-25
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.317 W/kg

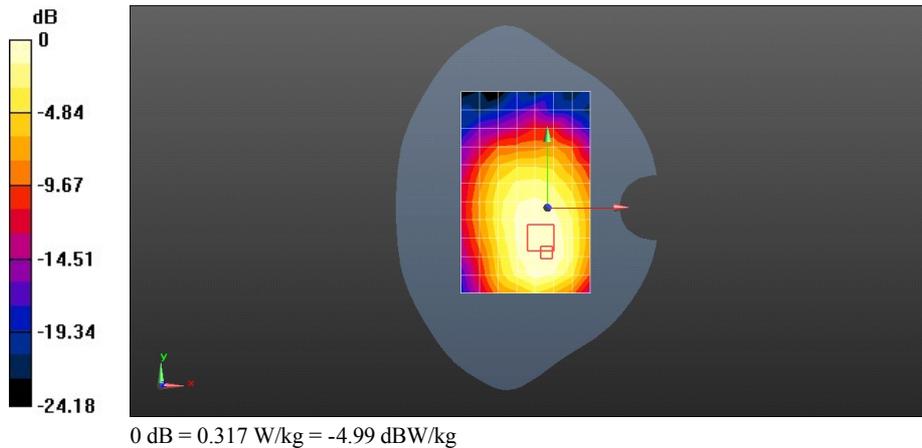**Configuration/Body/Zoom Scan (6x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.97 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 0.428 W/kg
SAR(1 g) = 0.292 W/kg; SAR(10 g) = 0.214 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.332 W/kg

0 dB = 0.317 W/kg = -4.99 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

Y550-L02 LTE Band VII 20M QPSK 1RB#50 21350CH Right hand touch cheek with battery 2#

DUT: HUAWEI Y550-L02; Type: Smart Phone; Serial: SAR1

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 = 1.947 S/m; ε_r = 39.557; ρ = 1000 kg/m^3

Phantom section: Right Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.39, 4.39, 4.39); Calibrated: 2013-9-30;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1236; Calibrated: 2013-11-25
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (9x14x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.935 W/kg

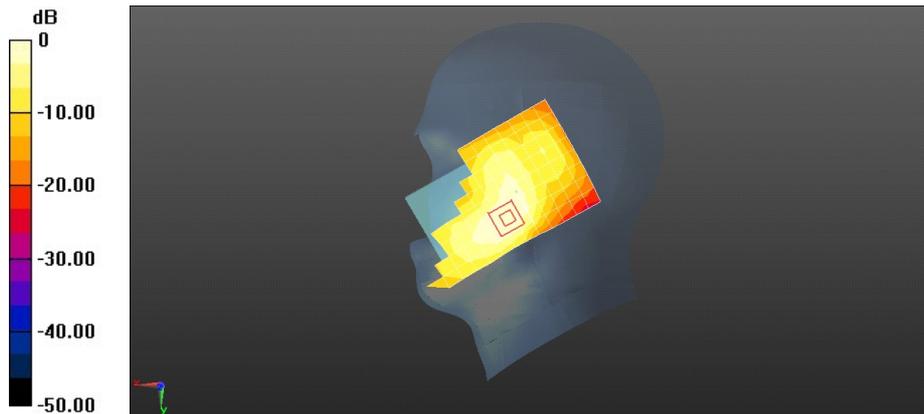**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.796 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 1.38 W/kg

SAR(1 g) = 0.757 W/kg; SAR(10 g) = 0.412 W/kg

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

0 dB = 0.935 W/kg = -0.29 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

Y550-L02 LTE Band VII 20M QPSK 1RB#0 20850CH Back Side 15mm with battery 2#

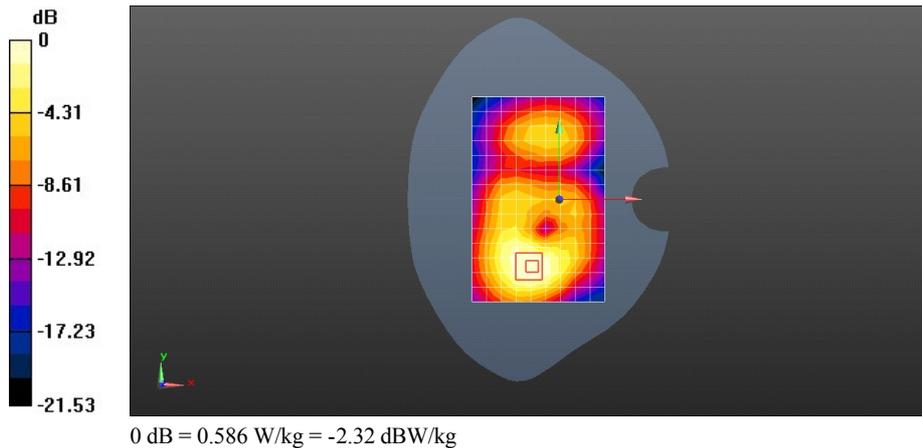**DUT: HUAWEI Y550-L02; Type: Smart Phone; Serial: SAR1**

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 = 2.098 S/m; ε_r = 50.174; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.1, 4.1, 4.1); Calibrated: 2013-9-30;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1236; Calibrated: 2013-11-25
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (10x15x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.586 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.275 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.01 W/kg
SAR(1 g) = 0.514 W/kg; SAR(10 g) = 0.283 W/kg
Maximum value of SAR (measured) = 0.637 W/kg

0 dB = 0.586 W/kg = -2.32 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

Y550-L02 LTE Band VII 20M QPSK 50%RB#25 21350CH Back Side 10mm
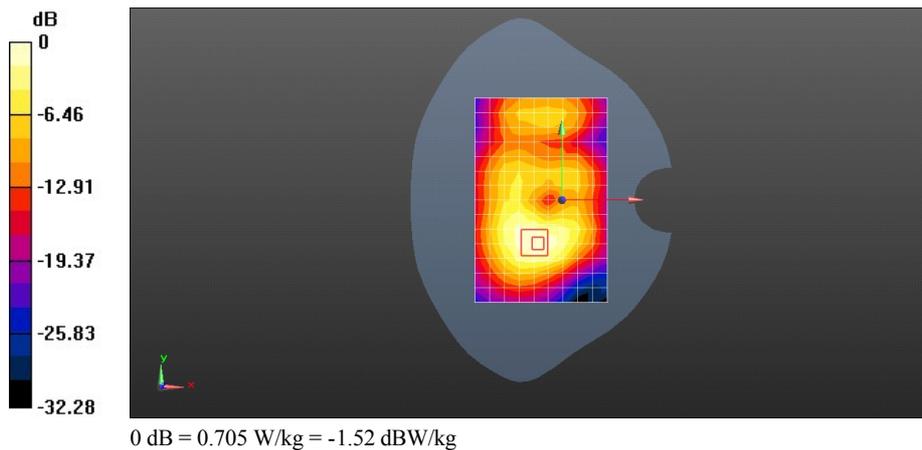
DUT: HUAWEI Y550-L02; Type: Smart Phone; Serial: SAR1

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 = 2.154 S/m; ε_r = 50.089; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.1, 4.1, 4.1); Calibrated: 2013-9-30;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1236; Calibrated: 2013-11-25
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (10x15x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.705 W/kg

Configuration/Body/Zoom Scan (8x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.543 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 1.29 W/kg
SAR(1 g) = 0.586 W/kg; SAR(10 g) = 0.301 W/kg
Maximum value of SAR (measured) = 0.752 W/kg

0 dB = 0.705 W/kg = -1.52 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

Y550-L02 Wifi 802.11b 6CH Left hand touch cheek with battery 2#

DUT: HUAWEI Y550-L02; Type: Smart Phone; Serial: SAR1

Communication System: UID 0, WiFi(802.11a/b/g/n/ac) (0); Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2437 MHz; σ = 1.775 S/m; $ε_r$ = 38.659; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.52, 4.52, 4.52); Calibrated: 2013-9-30;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1236; Calibrated: 2013-11-25
- Phantom: SAM2; Type: SAM; Serial: TP:1474
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (10x15x1): Measurement grid: dx=12mm, dy=12mm
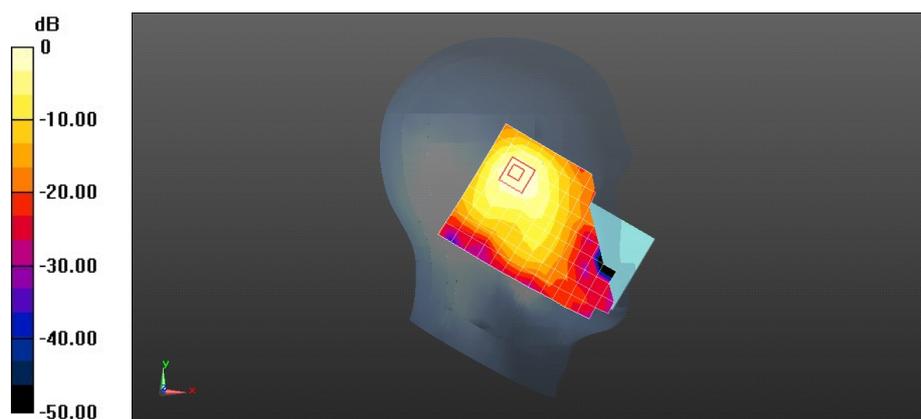Maximum value of SAR (measured) = 0.237 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.603 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 0.443 W/kg
SAR(1 g) = 0.221 W/kg; SAR(10 g) = 0.110 W/kg
Maximum value of SAR (measured) = 0.283 W/kg

0 dB = 0.237 W/kg = -6.25 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

Y550-L02 Wifi 802.11b 6CH Back Side 15mm with battery 2#

DUT: HUAWEI Y550-L02; Type: Smart Phone; Serial: SAR1

Communication System: UID 0, WiFi(802.11a/b/g/n/ac) (0); Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2437 MHz; σ = 2.024 S/m; $ε_r$ = 51.63; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.25, 4.25, 4.25); Calibrated: 2013-9-30;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1236; Calibrated: 2013-11-25
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (10x15x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.0969 W/kg

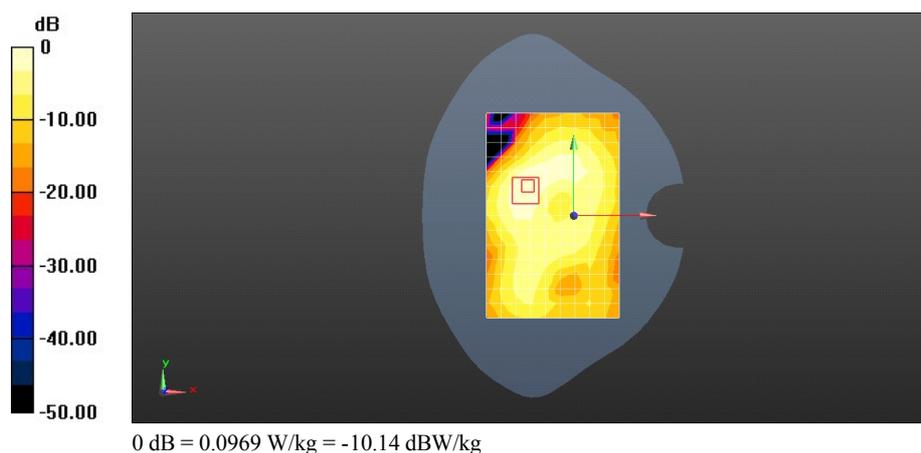**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.788 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 0.163 W/kg
SAR(1 g) = 0.077 W/kg; SAR(10 g) = 0.039 W/kg
Maximum value of SAR (measured) = 0.0984 W/kg

0 dB = 0.0969 W/kg = -10.14 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

Y550-L02 Wifi 802.11b 6CH Back Side 10mm with battery 2#

DUT: HUAWEI Y550-L02; Type: Smart Phone; Serial: SAR1

Communication System: UID 0, WiFi(802.11a/b/g/n/ac) (0); Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2437 MHz; σ = 2.024 S/m; $ε_r$ = 51.63; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.25, 4.25, 4.25); Calibrated: 2013-9-30;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1236; Calibrated: 2013-11-25
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (10x15x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.239 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.229 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.439 W/kg
SAR(1 g) = 0.188 W/kg; SAR(10 g) = 0.087 W/kg
Maximum value of SAR (measured) = 0.248 W/kg

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