Test Laboratory: HUAWEI SAR Lab

U8185-7 WCDMA850 4233CH Towards Phantom 10mm

DUT: U8185-7; Type: HUAWEI Ascend Y 100;HSDPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;; Serial: SAR1

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 846.6 MHz

Medium parameters used: f = 847 MHz; σ = 1.002 mho/m; ε_r = 53.561; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.11, 9.11, 9.11); Calibrated: 11/23/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm
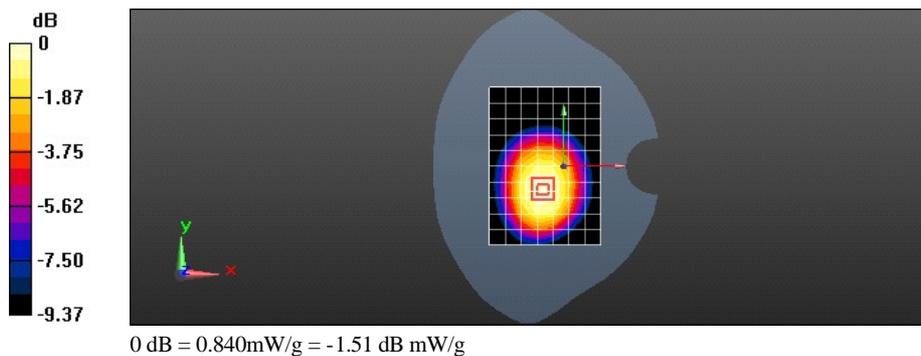
Maximum value of SAR (measured) = 0.812 mW/g

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

Reference Value = 25.920 V/m; Power Drift = -0.0055 dB

Peak SAR (extrapolated) = 1.0210

SAR(1 g) = 0.798 mW/g; SAR(10 g) = 0.591 mW/g

Maximum value of SAR (measured) = 0.840 mW/g

0 dB = 0.840mW/g = -1.51 dB mW/g

Test Laboratory: HUAWEI SAR Lab

U8185-7 WCDMA850 4182CH Towards Phantom 10mm

DUT: U8185-7; Type: HUAWEI Ascend Y 100;HSDPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;; Serial: SAR1

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 836.4 MHz

Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.989 mho/m; $ε_r$ = 53.754; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.11, 9.11, 9.11); Calibrated: 11/23/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.840 mW/g

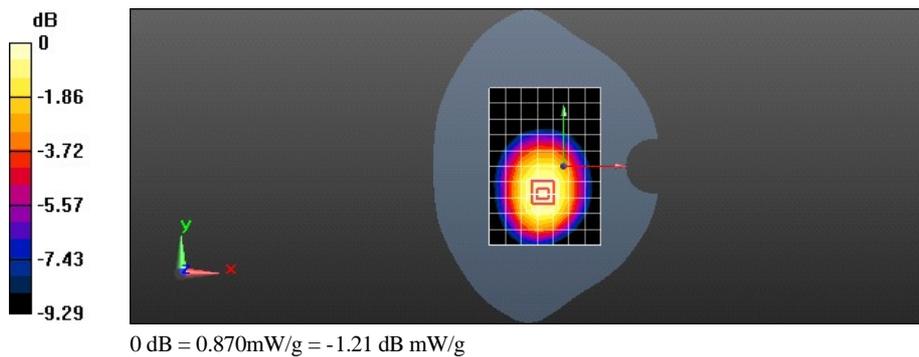**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 25.546 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 1.0600
SAR(1 g) = 0.826 mW/g; SAR(10 g) = 0.612 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.866 mW/g

0 dB = 0.870mW/g = -1.21 dB mW/g

Test Laboratory: HUAWEI SAR Lab

U8185-7 WCDMA850 4132CH Towards Phantom 10mm

DUT: U8185-7; Type: HUAWEI Ascend Y 100;HSDPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;; Serial: SAR1

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 826.4 MHz

Medium parameters used (interpolated): f = 826.4 MHz; σ = 0.98 mho/m; ε_r = 53.894; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.11, 9.11, 9.11); Calibrated: 11/23/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.684 mW/g

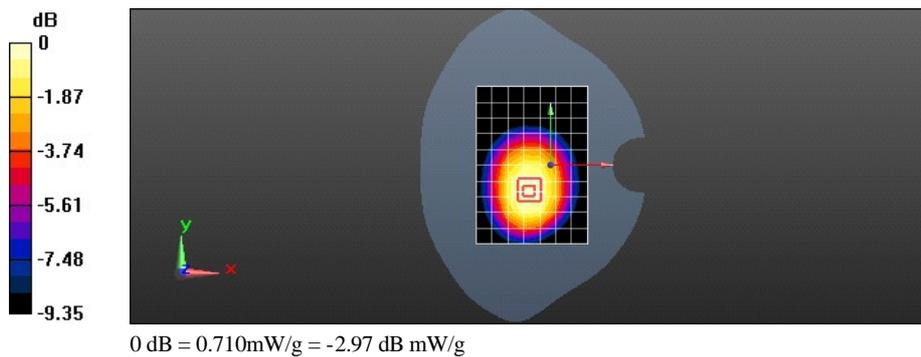**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 23.643 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.8600
SAR(1 g) = 0.673 mW/g; SAR(10 g) = 0.500 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.708 mW/g

0 dB = 0.710mW/g = -2.97 dB mW/g

Test Laboratory: HUAWEI SAR Lab

U8185-7 WCDMA850 4233CH Towards Ground 10mm

DUT: U8185-7; Type: HUAWEI Ascend Y 100;HSDPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;; Serial: SAR1

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 846.6 MHz

Medium parameters used: f = 847 MHz; σ = 1.002 mho/m; ε_r = 53.561; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.11, 9.11, 9.11); Calibrated: 11/23/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

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

Maximum value of SAR (measured) = 1.096 mW/g

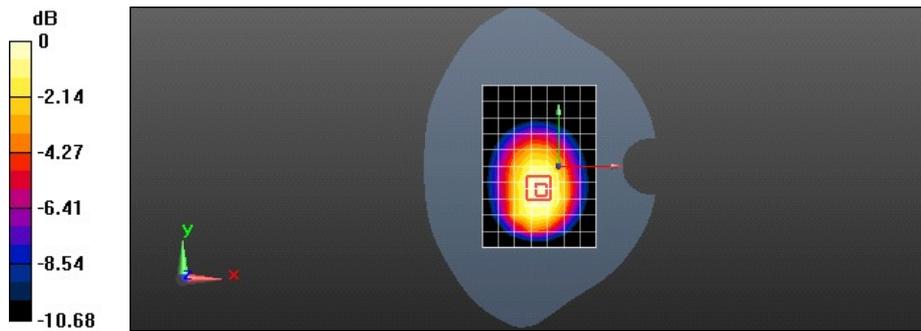**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 30.029 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.5250

SAR(1 g) = 1.1 mW/g; SAR(10 g) = 0.781 mW/g

Maximum value of SAR (measured) = 1.175 mW/g

0 dB = 1.170mW/g = 1.36 dB mW/g

Test Laboratory: HUAWEI SAR Lab

U8185-7 WCDMA850 4182CH Towards Ground 10mm

DUT: U8185-7; Type: HUAWEI Ascend Y 100;HSDPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;; Serial: SAR1

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 836.4 MHz

Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.989 mho/m; ε_r = 53.754; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.11, 9.11, 9.11); Calibrated: 11/23/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.236 mW/g

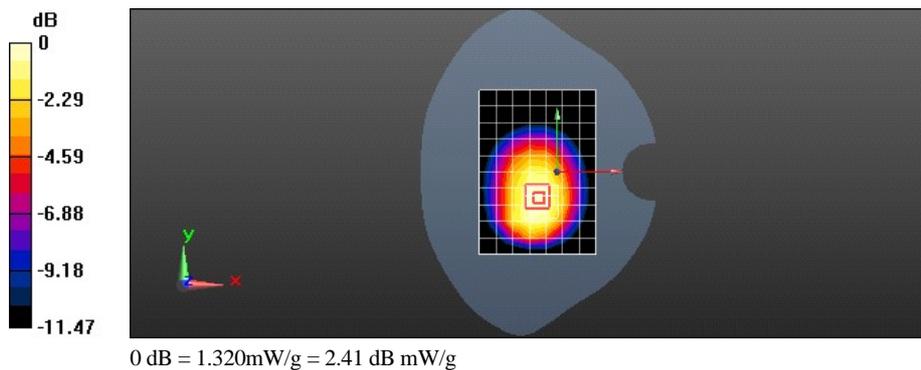**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 31.217 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.7290
SAR(1 g) = 1.24 mW/g; SAR(10 g) = 0.878 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.316 mW/g

0 dB = 1.320mW/g = 2.41 dB mW/g

Test Laboratory: HUAWEI SAR Lab

U8185-7 WCDMA850 4132CH Towards Ground 10mm

DUT: U8185-7; Type: HUAWEI Ascend Y 100;HSDPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;; Serial: SAR1

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 826.4 MHz

Medium parameters used (interpolated): f = 826.4 MHz; σ = 0.98 mho/m; ε_r = 53.894; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.11, 9.11, 9.11); Calibrated: 11/23/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.025 mW/g

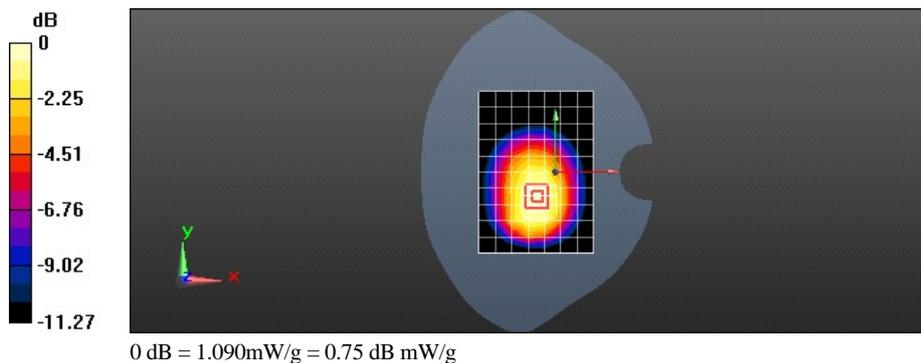**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 28.942 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.4350
SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.732 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.091 mW/g

0 dB = 1.090mW/g = 0.75 dB mW/g

Test Laboratory: HUAWEI SAR Lab

U8185-7 WCDMA850 4182CH Left edge 10mm

DUT: U8185-7; Type: HUAWEI Ascend Y 100;HSDPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;; Serial: SAR1

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 836.4 MHz

Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.989 mho/m; ε_r = 53.754; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.11, 9.11, 9.11); Calibrated: 11/23/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.493 mW/g

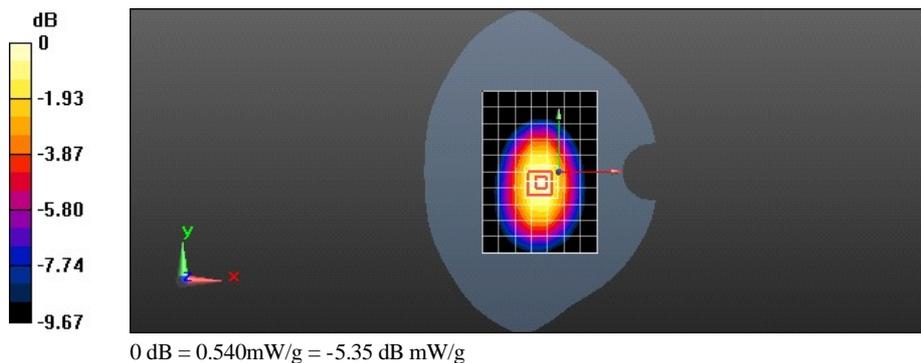**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 22.617 V/m; Power Drift = -0.0039 dB
Peak SAR (extrapolated) = 0.7160
SAR(1 g) = 0.501 mW/g; SAR(10 g) = 0.343 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.536 mW/g

0 dB = 0.540mW/g = -5.35 dB mW/g

Test Laboratory: HUAWEI SAR Lab

U8185-7 WCDMA850 4182CH Right edge 10mm

DUT: U8185-7; Type: HUAWEI Ascend Y 100;HSDPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;; Serial: SAR1

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 836.4 MHz
Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.989 mho/m; ε_r = 53.754; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.11, 9.11, 9.11); Calibrated: 11/23/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.698 mW/g

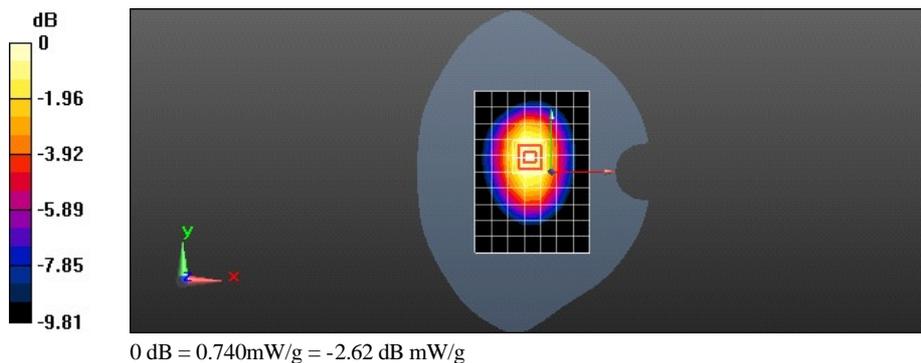**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 25.652 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 0.9740
SAR(1 g) = 0.695 mW/g; SAR(10 g) = 0.479 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.740 mW/g

0 dB = 0.740mW/g = -2.62 dB mW/g

Test Laboratory: HUAWEI SAR Lab

U8185-7 WCDMA850 4182CH Bottom edge 10mm

DUT: U8185-7; Type: HUAWEI Ascend Y 100;HSDPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;; Serial: SAR1

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 836.4 MHz

Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.989 mho/m; ε_r = 53.754; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.11, 9.11, 9.11); Calibrated: 11/23/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.113 mW/g

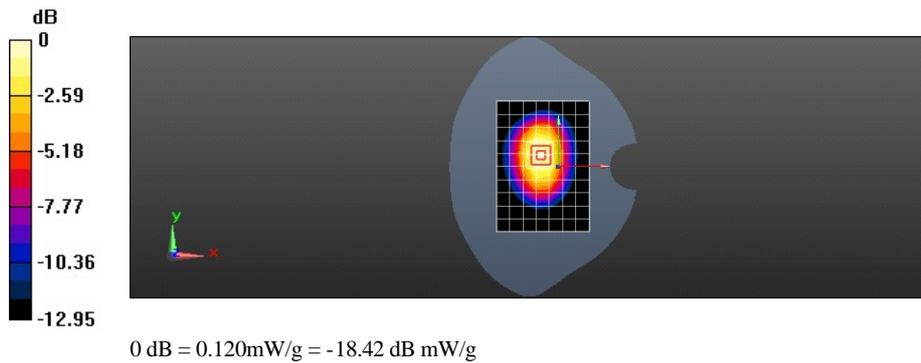**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.399 V/m; Power Drift = 0.0091 dB
Peak SAR (extrapolated) = 0.1920
SAR(1 g) = 0.110 mW/g; SAR(10 g) = 0.067 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.120 mW/g

0 dB = 0.120mW/g = -18.42 dB mW/g

Test Laboratory: HUAWEI SAR Lab

U8185-7 WCDMA850 4182CH Towards Ground 10mm with HSDPA

DUT: U8185-7; Type: HUAWEI Ascend Y 100;HSDPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;; Serial: SAR1

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 836.4 MHz
Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.989 mho/m; ε_r = 53.754; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.11, 9.11, 9.11); Calibrated: 11/23/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.187 mW/g

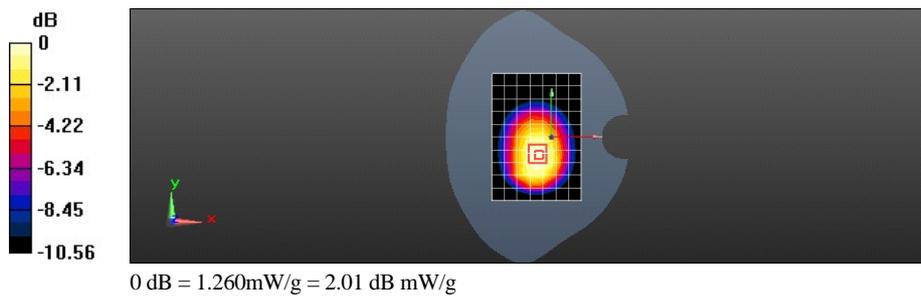**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 31.323 V/m; Power Drift = -0.0057 dB
Peak SAR (extrapolated) = 1.6550
SAR(1 g) = 1.19 mW/g; SAR(10 g) = 0.838 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.257 mW/g

0 dB = 1.260mW/g = 2.01 dB mW/g

Test Laboratory: HUAWEI SAR Lab

U8185-7 WCDMA850 4182CH Towards Ground 10mm with Headset

DUT: U8185-7; Type: HUAWEI Ascend Y 100;HSDPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;; Serial: SAR1

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 836.4 MHz

Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.989 mho/m; ε_r = 53.754; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.11, 9.11, 9.11); Calibrated: 11/23/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.702 mW/g

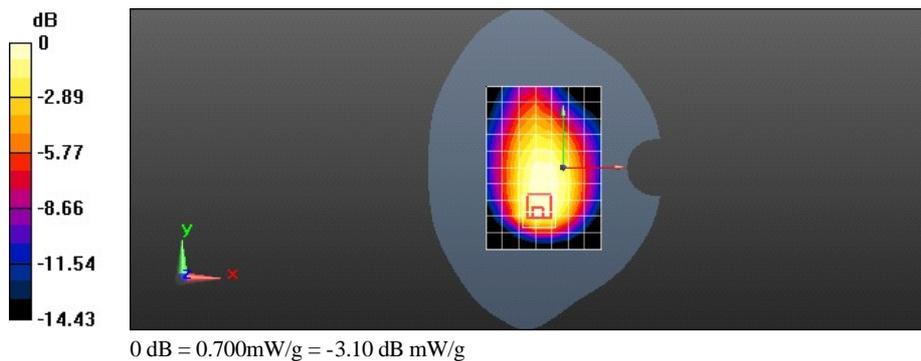**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 25.594 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.0540
SAR(1 g) = 0.653 mW/g; SAR(10 g) = 0.442 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.700 mW/g

0 dB = 0.700mW/g = -3.10 dB mW/g

Test Laboratory: HUAWEI SAR Lab

U8185-7 WCDMA850 4182CH Towards Ground 10mm with GAGBA11XC4059938

DUT: U8185-7; Type: HUAWEI Ascend Y 100;HSDPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;; Serial: SAR1

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 836.4 MHz

Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.989 mho/m; ε_r = 53.754; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.11, 9.11, 9.11); Calibrated: 11/23/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.247 mW/g

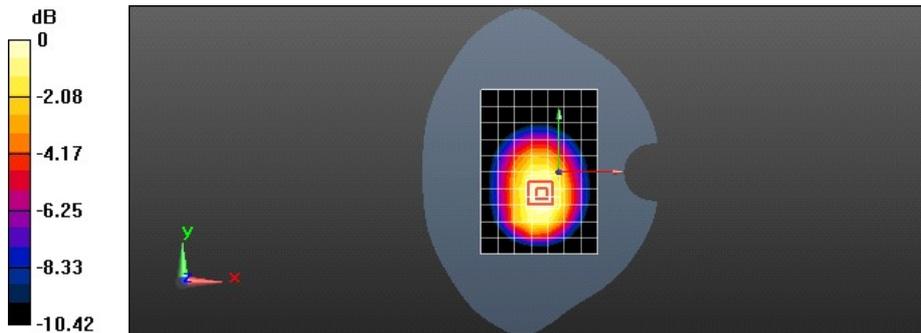**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
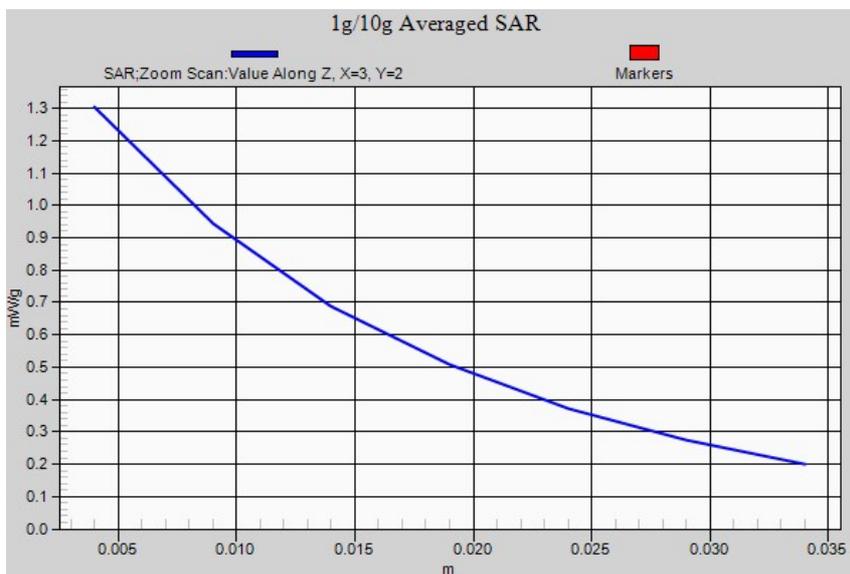Reference Value = 32.452 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.6910
SAR(1 g) = 1.24 mW/g; SAR(10 g) = 0.880 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.304 mW/g

0 dB = 1.300mW/g = 2.28 dB mW/g

Test Laboratory: HUAWEI SAR Lab

U8185-7 WiFi 11b 1CH Left hand touch cheek

DUT: U8185-7; Type: HUAWEI Ascend Y 100;HSDPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;; Serial: SAR1

Communication System: WiFi(802.11b/g/n); Frequency: 2412 MHz
Medium parameters used: f = 2412 MHz; σ = 1.814 mho/m; ε_r = 40.089; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(6.86, 6.86, 6.86); Calibrated: 11/23/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Head/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm
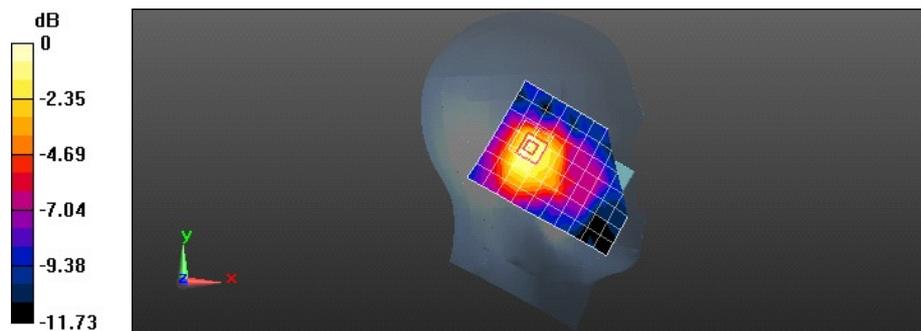Maximum value of SAR (measured) = 0.035 mW/g

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.530 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.0650
SAR(1 g) = 0.039 mW/g; SAR(10 g) = 0.023 mW/g
Maximum value of SAR (measured) = 0.042 mW/g

0 dB = 0.040mW/g = -27.96 dB mW/g

Test Laboratory: HUAWEI SAR Lab

U8185-7 WiFi 11b 1CH Left hand tilt 15 degree

DUT: U8185-7; Type: HUAWEI Ascend Y 100;HSDPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;; Serial: SAR1

Communication System: WiFi(802.11b/g/n); Frequency: 2412 MHz
Medium parameters used: f = 2412 MHz; σ = 1.814 mho/m; ε_r = 40.089; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(6.86, 6.86, 6.86); Calibrated: 11/23/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Head/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm
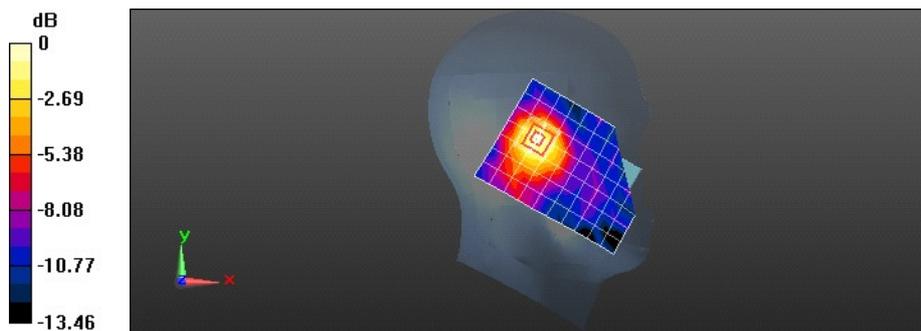Maximum value of SAR (measured) = 0.046 mW/g

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.882 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.0780
SAR(1 g) = 0.042 mW/g; SAR(10 g) = 0.023 mW/g
Maximum value of SAR (measured) = 0.045 mW/g

0 dB = 0.040mW/g = -27.96 dB mW/g

Test Laboratory: HUAWEI SAR Lab

U8185-7 WiFi 11b 1CH Right hand touch cheek

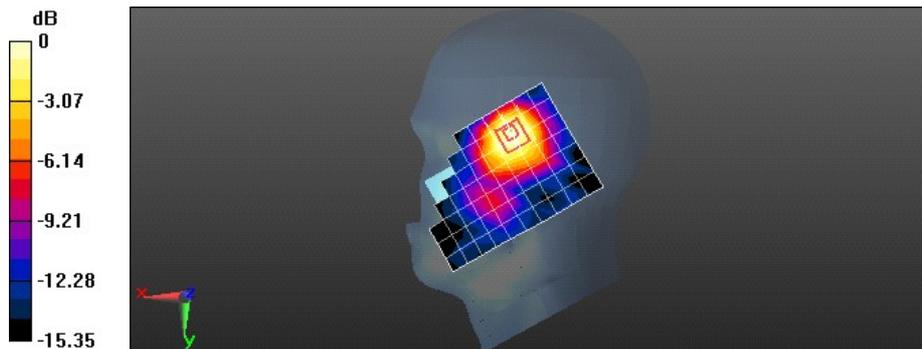**DUT: U8185-7; Type: HUAWEI Ascend Y 100;HSDPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;; Serial: SAR1**

Communication System: WiFi(802.11b/g/n); Frequency: 2412 MHz

Medium parameters used: f = 2412 MHz; σ = 1.814 mho/m; ε_r = 40.089; ρ = 1000 kg/m^3
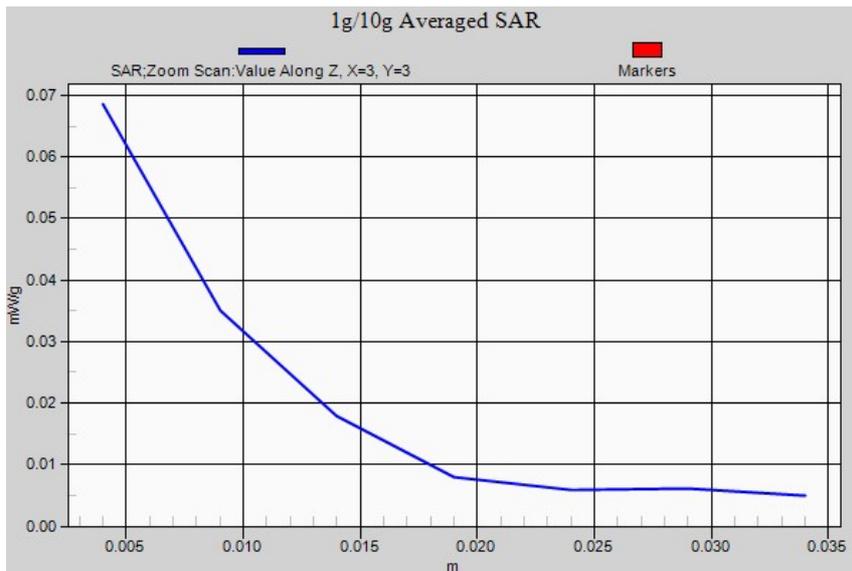
Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(6.86, 6.86, 6.86); Calibrated: 11/23/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Head/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.071 mW/g

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.633 V/m; Power Drift = 0.19 dB
Peak SAR (extrapolated) = 0.1440
SAR(1 g) = 0.064 mW/g; SAR(10 g) = 0.034 mW/g
Maximum value of SAR (measured) = 0.069 mW/g

0 dB = 0.070mW/g = -23.10 dB mW/g

Test Laboratory: HUAWEI SAR Lab

U8185-7 WiFi 11b 1CH Right hand tilt 15 degree

DUT: U8185-7; Type: HUAWEI Ascend Y 100;HSDPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;; Serial: SAR1

Communication System: WiFi(802.11b/g/n); Frequency: 2412 MHz
Medium parameters used: f = 2412 MHz; σ = 1.814 mho/m; ε_r = 40.089; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(6.86, 6.86, 6.86); Calibrated: 11/23/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Head/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm
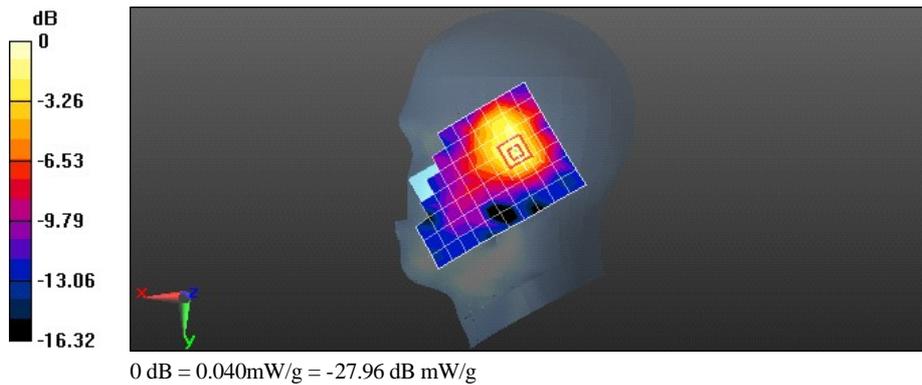Maximum value of SAR (measured) = 0.029 mW/g

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.083 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.0620
SAR(1 g) = 0.035 mW/g; SAR(10 g) = 0.020 mW/g
Maximum value of SAR (measured) = 0.040 mW/g

0 dB = 0.040mW/g = -27.96 dB mW/g

Test Laboratory: HUAWEI SAR Lab

U8185-7 WiFi 11b 1CH Right hand touch cheek with GAGBA11XC4059938

DUT: U8185-7; Type: HUAWEI Ascend Y 100;HSDPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;; Serial: SAR1

Communication System: WiFi(802.11b/g/n); Frequency: 2412 MHz
Medium parameters used: f = 2412 MHz; σ = 1.814 mho/m; ε_r = 40.089; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(6.86, 6.86, 6.86); Calibrated: 11/23/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Head/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm
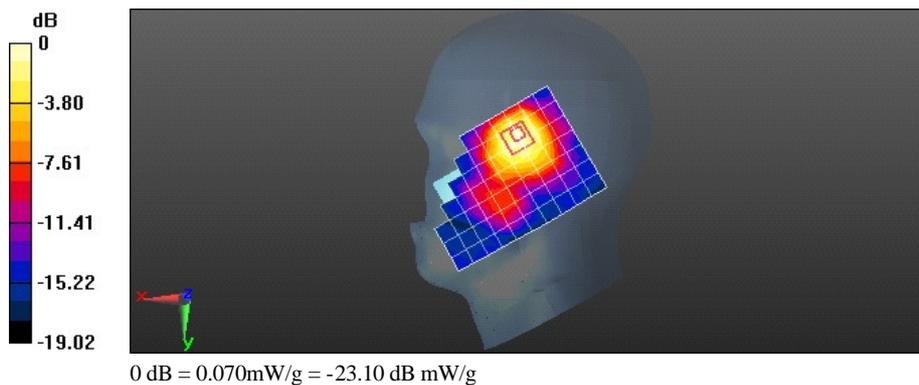Maximum value of SAR (measured) = 0.063 mW/g

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.533 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.1520
SAR(1 g) = 0.063 mW/g; SAR(10 g) = 0.034 mW/g
Maximum value of SAR (measured) = 0.070 mW/g

0 dB = 0.070mW/g = -23.10 dB mW/g

Test Laboratory: HUAWEI SAR Lab

U8185-7 WiFi 11b 1CH Towards Phantom 10mm

DUT: U8185-7; Type: HUAWEI Ascend Y 100;HSDPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;; Serial: SAR1

Communication System: WiFi(802.11b/g/n); Frequency: 2412 MHz
Medium parameters used: f = 2412 MHz; σ = 1.958 mho/m; ε_r = 51.328; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(6.98, 6.98, 6.98); Calibrated: 11/23/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm
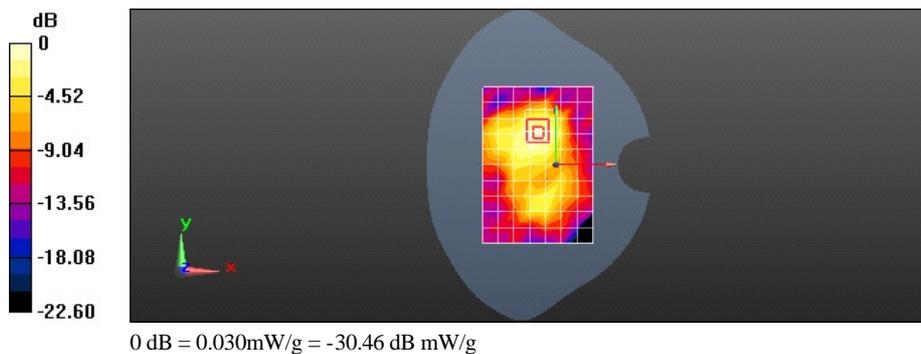Maximum value of SAR (measured) = 0.026 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.076 V/m; Power Drift = 0.0017 dB
Peak SAR (extrapolated) = 0.0430
SAR(1 g) = 0.025 mW/g; SAR(10 g) = 0.014 mW/g
Maximum value of SAR (measured) = 0.028 mW/g

0 dB = 0.030mW/g = -30.46 dB mW/g

Test Laboratory: HUAWEI SAR Lab

U8185-7 WiFi 11b 1CH Towards Ground 10mm

DUT: U8185-7; Type: HUAWEI Ascend Y 100;HSDPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;; Serial: SAR1

Communication System: WiFi(802.11b/g/n); Frequency: 2412 MHz

Medium parameters used: f = 2412 MHz; σ = 1.958 mho/m; ε_r = 51.328; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(6.98, 6.98, 6.98); Calibrated: 11/23/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm
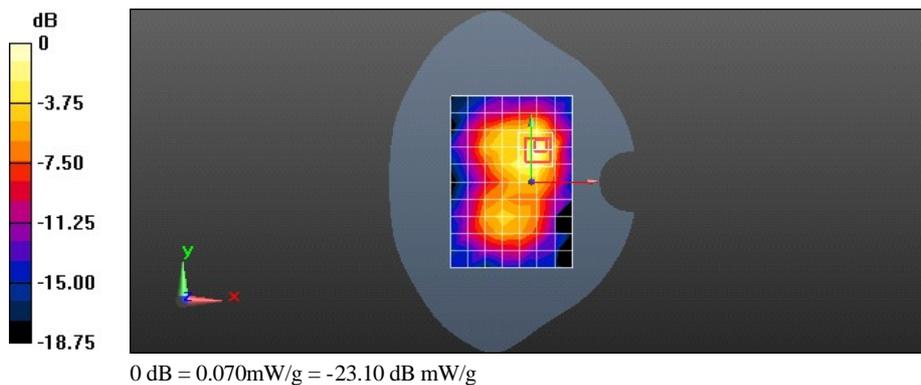
Maximum value of SAR (measured) = 0.064 mW/g

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

Reference Value = 2.909 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.1330

SAR(1 g) = 0.052 mW/g; SAR(10 g) = 0.025 mW/g

Maximum value of SAR (measured) = 0.066 mW/g

0 dB = 0.070mW/g = -23.10 dB mW/g

Test Laboratory: HUAWEI SAR Lab

U8185-7 WiFi 11b 1CH Left edge 10mm

DUT: U8185-7; Type: HUAWEI Ascend Y 100;HSDPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;; Serial: SAR1

Communication System: WiFi(802.11b/g/n); Frequency: 2412 MHz

Medium parameters used: f = 2412 MHz; σ = 1.958 mho/m; ε_r = 51.328; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(6.98, 6.98, 6.98); Calibrated: 11/23/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

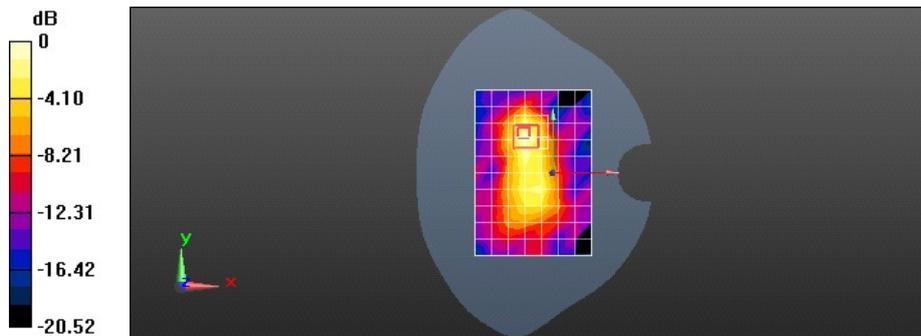**Configuration/Body/Area Scan (8x11x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.036 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.847 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.0620
SAR(1 g) = 0.028 mW/g; SAR(10 g) = 0.014 mW/g

0 dB = 0.040mW/g = -27.96 dB mW/g

Test Laboratory: HUAWEI SAR Lab

U8185-7 WiFi 11b 1CH Top edge 10mm

DUT: U8185-7; Type: HUAWEI Ascend Y 100;HSDPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;; Serial: SAR1

Communication System: WiFi(802.11b/g/n); Frequency: 2412 MHz

Medium parameters used: f = 2412 MHz; σ = 1.958 mho/m; ε_r = 51.328; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(6.98, 6.98, 6.98); Calibrated: 11/23/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm
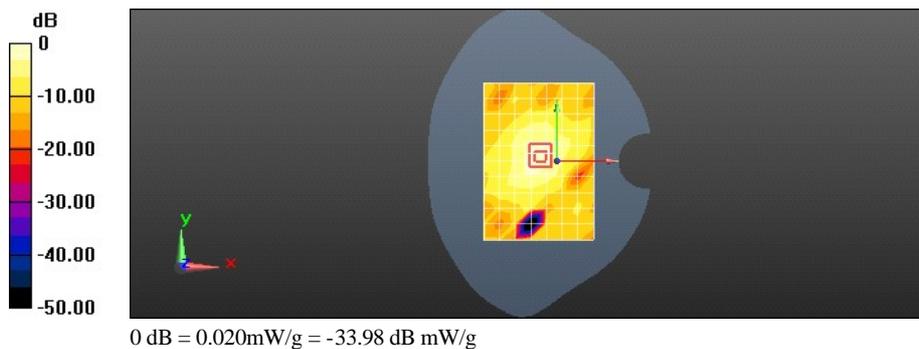Maximum value of SAR (measured) = 0.013 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.673 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.0300
SAR(1 g) = 0.015 mW/g; SAR(10 g) = 0.00821 mW/g
Maximum value of SAR (measured) = 0.017 mW/g

0 dB = 0.020mW/g = -33.98 dB mW/g

Test Laboratory: HUAWEI SAR Lab

U8185-7 WiFi 11b 1CH Towards Ground 10mm with GAGBA11XC4059938

DUT: U8185-7; Type: HUAWEI Ascend Y 100;HSDPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;; Serial: SAR1

Communication System: WiFi(802.11b/g/n); Frequency: 2412 MHz

Medium parameters used: f = 2412 MHz; σ = 1.958 mho/m; ε_r = 51.328; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(6.98, 6.98, 6.98); Calibrated: 11/23/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm
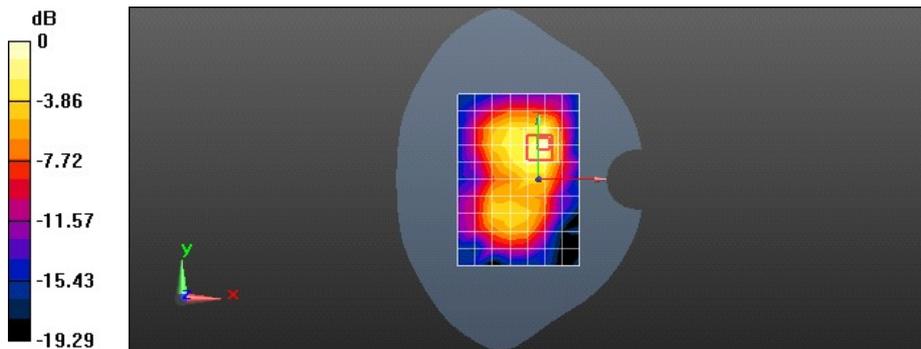Maximum value of SAR (measured) = 0.068 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.269 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.1190
SAR(1 g) = 0.059 mW/g; SAR(10 g) = 0.029 mW/g
Maximum value of SAR (measured) = 0.066 mW/g

0 dB = 0.070mW/g = -23.10 dB mW/g