

Test Laboratory: HUAWEI SAR/HAC Lab

**Y530-U051 UMTS Band V 4233CH Back side 10mm****DUT: HUAWEI Y530-U051; Type: HSPA+/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;HUAWEI Ascend Y530; Serial: SAR2**

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

Medium parameters used:  $f = 847$  MHz;  $\sigma = 0.975$  S/m;  $\epsilon_r = 53.276$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(9.07, 9.07, 9.07); Calibrated: 2013-7-26;
- Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn851; Calibrated: 2013-7-31
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Configuration/Body/Area Scan (9x13x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

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

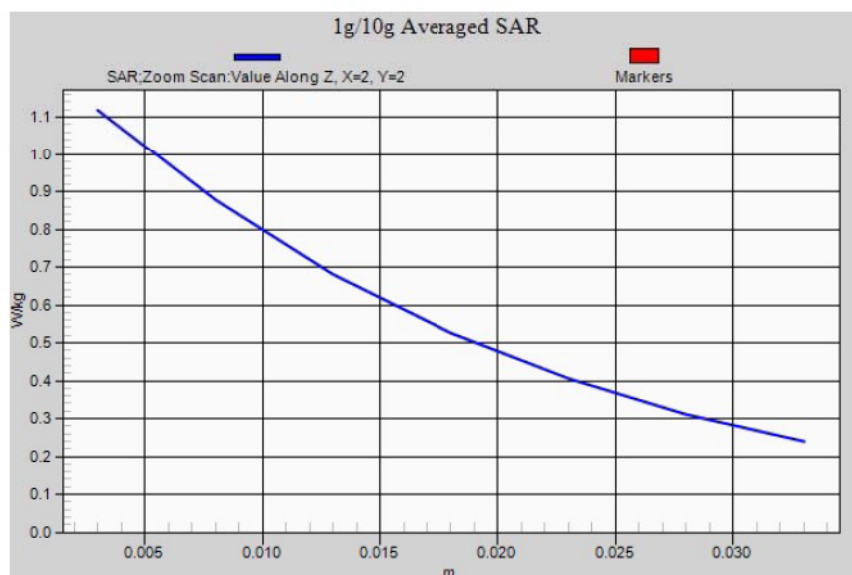
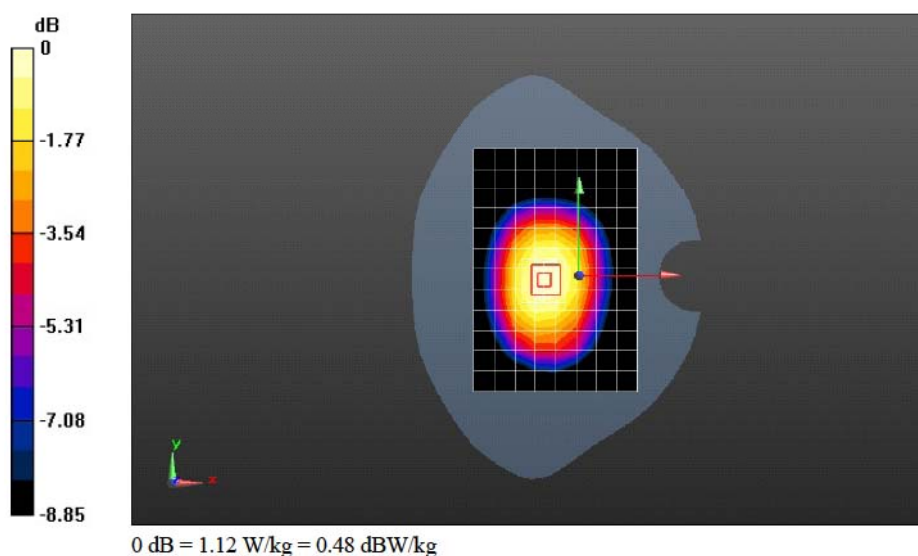
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 32.352 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.28 W/kg

**SAR(1 g) = 1.02 W/kg; SAR(10 g) = 0.765 W/kg**

Maximum value of SAR (measured) = 1.12 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

# Y530-U051 UMTS Band V 4233CH Back side 10mm-repeated

**DUT: HUAWEI Y530-U051; Type: HSPA+/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;HUAWEI Ascend Y530; Serial: SAR2**

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

Medium parameters used:  $f = 847$  MHz;  $\sigma = 0.975$  S/m;  $\epsilon_r = 53.276$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(9.07, 9.07, 9.07); Calibrated: 2013-7-26;
- Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn851; Calibrated: 2013-7-31
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Configuration/Body/Area Scan (9x13x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

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

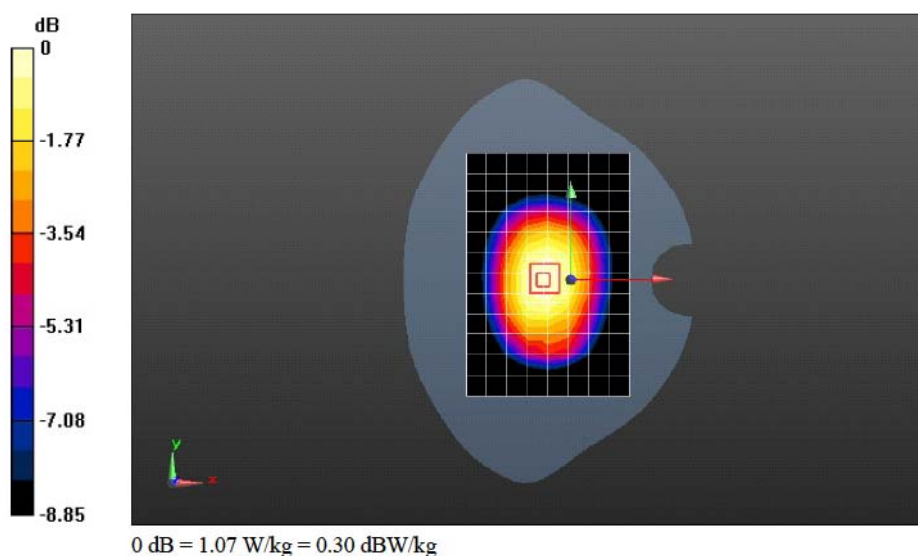
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 32.847 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 1.23 W/kg

**SAR(1 g) = 0.973 W/kg; SAR(10 g) = 0.733 W/kg**

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



Test Laboratory: HUAWEI SAR/HAC Lab

### Y530-U051 UMTS Band V 4182CH Back side 10mm

**DUT: HUAWEI Y530-U051; Type: HSPA+/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;HUAWEI Ascend Y530; 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;  $\sigma = 0.96$  S/m;  $\epsilon_r = 53.428$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(9.07, 9.07, 9.07); Calibrated: 2013-7-26;
- Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn851; Calibrated: 2013-7-31
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Configuration/Body/Area Scan (9x13x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

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

Maximum value of SAR (measured) = 0.961 W/kg

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

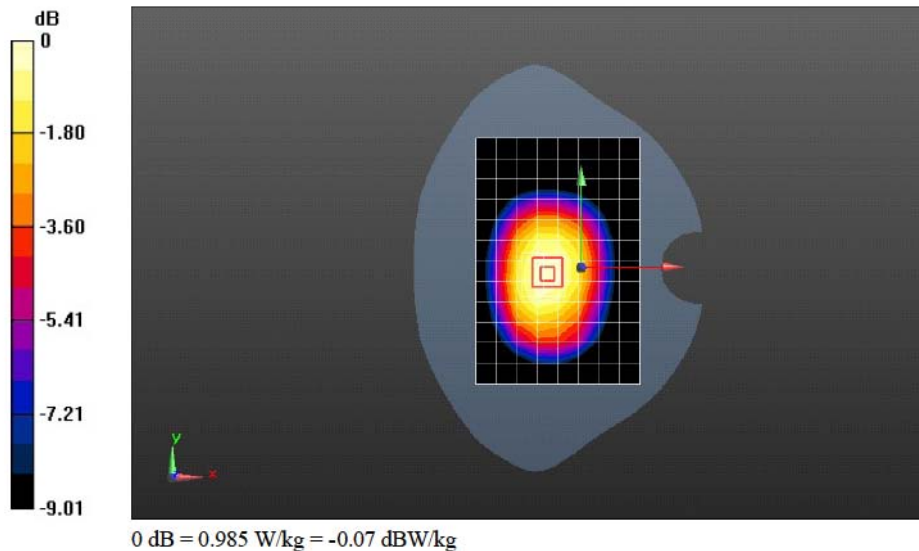
Reference Value = 30.742 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.13 W/kg

**SAR(1 g) = 0.897 W/kg; SAR(10 g) = 0.676 W/kg**

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

Maximum value of SAR (measured) = 0.985 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

### Y530-U051 UMTS Band V 4132CH Back side 10mm

**DUT: HUAWEI Y530-U051; Type: HSPA+/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;HUAWEI Ascend Y530; Serial: SAR2**

Communication System: UID 0, HW-UMTS-FDD(WCDMA) (0); Frequency: 826.4 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 826.4$  MHz;  $\sigma = 0.952$  S/m;  $\epsilon_r = 53.483$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(9.07, 9.07, 9.07); Calibrated: 2013-7-26;
- Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn851; Calibrated: 2013-7-31
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Configuration/Body/Area Scan (9x13x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

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

Maximum value of SAR (measured) = 0.932 W/kg

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

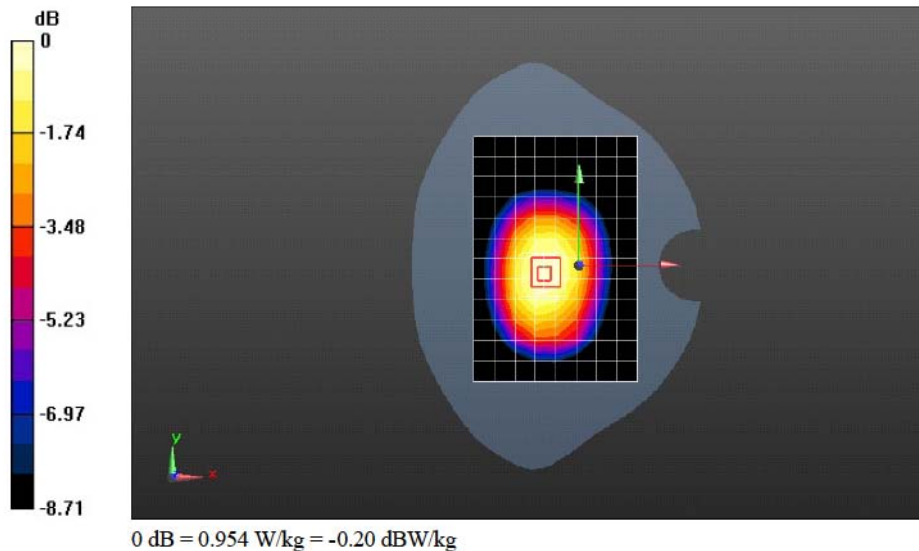
Reference Value = 30.215 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.09 W/kg

**SAR(1 g) = 0.870 W/kg; SAR(10 g) = 0.658 W/kg**

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

Maximum value of SAR (measured) = 0.954 W/kg



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### Y530-U051 UMTS Band V 4182CH Left side 10mm

**DUT: HUAWEI Y530-U051; Type: HSPA+/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;HUAWEI Ascend Y530; 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;  $\sigma = 0.96$  S/m;  $\epsilon_r = 53.428$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(9.07, 9.07, 9.07); Calibrated: 2013-7-26;
- Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn851; Calibrated: 2013-7-31
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Configuration/Body/Area Scan (7x13x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

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

Maximum value of SAR (measured) = 0.789 W/kg

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

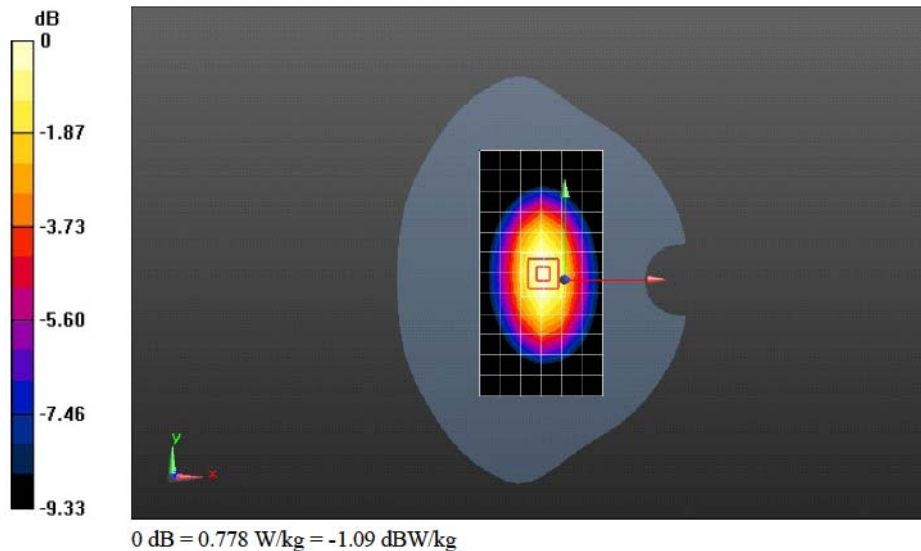
Reference Value = 27.644 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.951 W/kg

**SAR(1 g) = 0.680 W/kg; SAR(10 g) = 0.472 W/kg**

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

Maximum value of SAR (measured) = 0.778 W/kg



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### Y530-U051 UMTS Band V 4182CH Right side 10mm

**DUT: HUAWEI Y530-U051; Type: HSPA+/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;HUAWEI Ascend Y530; 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;  $\sigma = 0.96$  S/m;  $\epsilon_r = 53.428$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(9.07, 9.07, 9.07); Calibrated: 2013-7-26;
- Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn851; Calibrated: 2013-7-31
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Configuration/Body/Area Scan (7x13x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

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

Maximum value of SAR (measured) = 0.793 W/kg

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

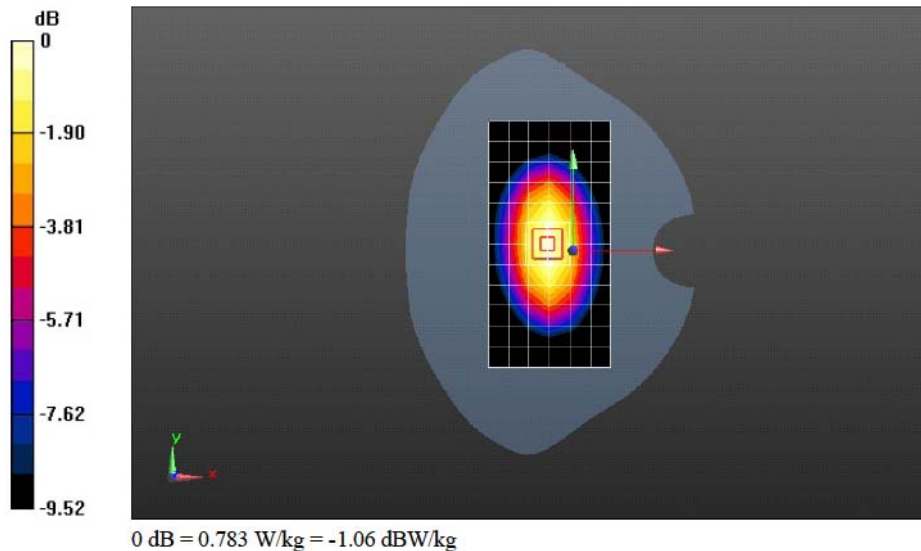
Reference Value = 27.713 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.957 W/kg

**SAR(1 g) = 0.685 W/kg; SAR(10 g) = 0.475 W/kg**

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

Maximum value of SAR (measured) = 0.783 W/kg



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### Y530-U051 UMTS Band V 4182CH Bottom side 10mm

**DUT: HUAWEI Y530-U051; Type: HSPA+/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;HUAWEI Ascend Y530; 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;  $\sigma = 0.96$  S/m;  $\epsilon_r = 53.428$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(9.07, 9.07, 9.07); Calibrated: 2013-7-26;
- Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn851; Calibrated: 2013-7-31
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Configuration/Body/Area Scan (7x13x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

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

Maximum value of SAR (measured) = 0.0540 W/kg

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

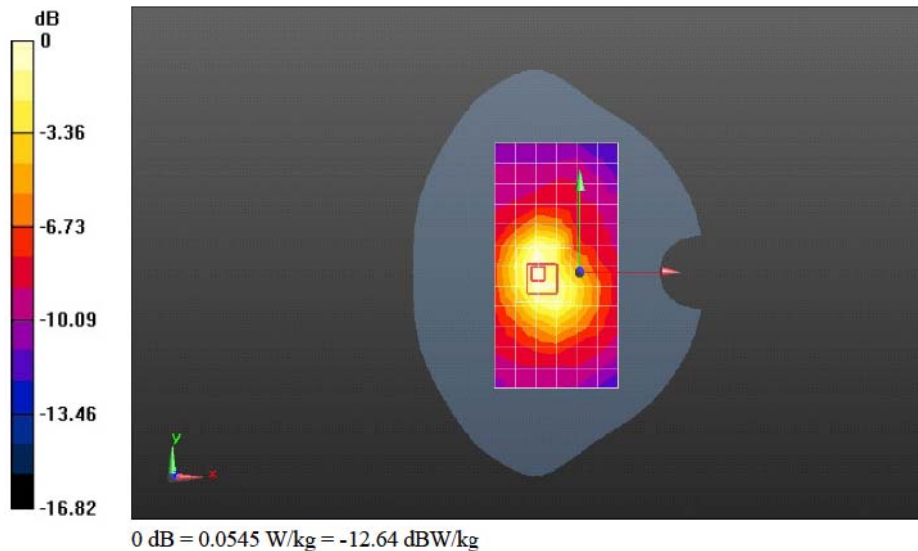
Reference Value = 5.836 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.0740 W/kg

**SAR(1 g) = 0.045 W/kg; SAR(10 g) = 0.028 W/kg**

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

Maximum value of SAR (measured) = 0.0545 W/kg



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# **Y530-U051 UMTS Band V 4233CH Back side 10mm with battery 2#**

**DUT: HUAWEI Y530-U051; Type: HSPA+/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;HUAWEI Ascend Y530; Serial: SAR2**

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

Medium parameters used:  $f = 847 \text{ MHz}$ ;  $\sigma = 0.975 \text{ S/m}$ ;  $\epsilon_r = 53.276$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(9.07, 9.07, 9.07); Calibrated: 2013-7-26;
- Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn851; Calibrated: 2013-7-31
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Configuration/Body/Area Scan (9x13x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (measured) =  $1.09 \text{ W/kg}$

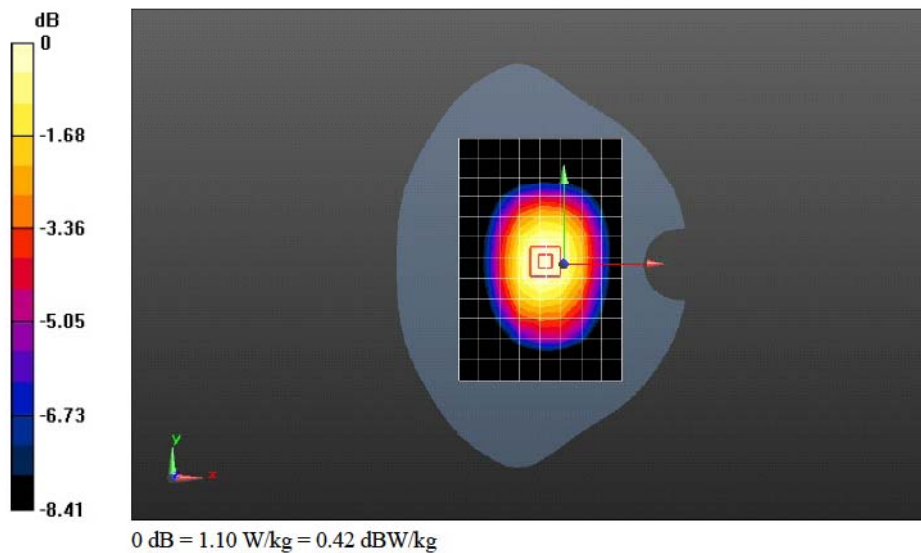
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $32.929 \text{ V/m}$ ; Power Drift =  $-0.09 \text{ dB}$

Peak SAR (extrapolated) =  $1.26 \text{ W/kg}$

**SAR(1 g) =  $1 \text{ W/kg}$ ; SAR(10 g) =  $0.755 \text{ W/kg}$**

Maximum value of SAR (measured) =  $1.10 \text{ W/kg}$



Test Laboratory: HUAWEI SAR/HAC Lab

### Y530-U051 UMTS Band V 4233CH Back side 10mm with battery 3#

**DUT: HUAWEI Y530-U051; Type: HSPA+/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; HUAWEI Ascend Y530; Serial: SAR2**

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

Medium parameters used:  $f = 847 \text{ MHz}$ ;  $\sigma = 0.975 \text{ S/m}$ ;  $\epsilon_r = 53.276$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(9.07, 9.07, 9.07); Calibrated: 2013-7-26;
- Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn851; Calibrated: 2013-7-31
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Configuration/Body/Area Scan (9x13x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (measured) =  $1.08 \text{ W/kg}$

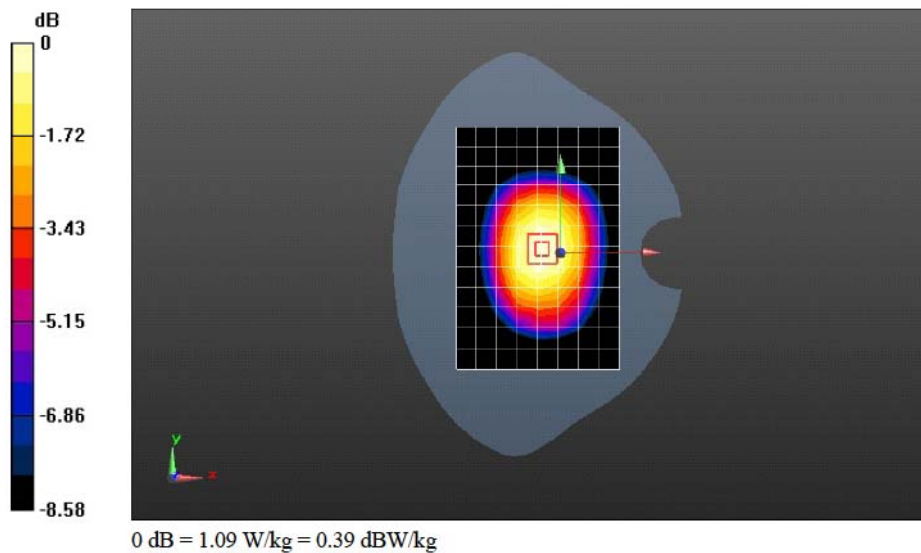
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $32.750 \text{ V/m}$ ; Power Drift =  $0.01 \text{ dB}$

Peak SAR (extrapolated) =  $1.25 \text{ W/kg}$

**SAR(1 g) =  $0.997 \text{ W/kg}$ ; SAR(10 g) =  $0.753 \text{ W/kg}$**

Maximum value of SAR (measured) =  $1.09 \text{ W/kg}$



Test Laboratory: HUAWEI SAR/HAC Lab

# **Y530-U051 UMTS Band V 4233CH Back side 10mm with battery 4#**

**DUT: HUAWEI Y530-U051; Type: HSPA+/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;HUAWEI Ascend Y530; Serial: SAR2**

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

Medium parameters used:  $f = 847 \text{ MHz}$ ;  $\sigma = 0.975 \text{ S/m}$ ;  $\epsilon_r = 53.276$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(9.07, 9.07, 9.07); Calibrated: 2013-7-26;
- Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn851; Calibrated: 2013-7-31
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Configuration/Body/Area Scan (9x13x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (measured) =  $1.05 \text{ W/kg}$

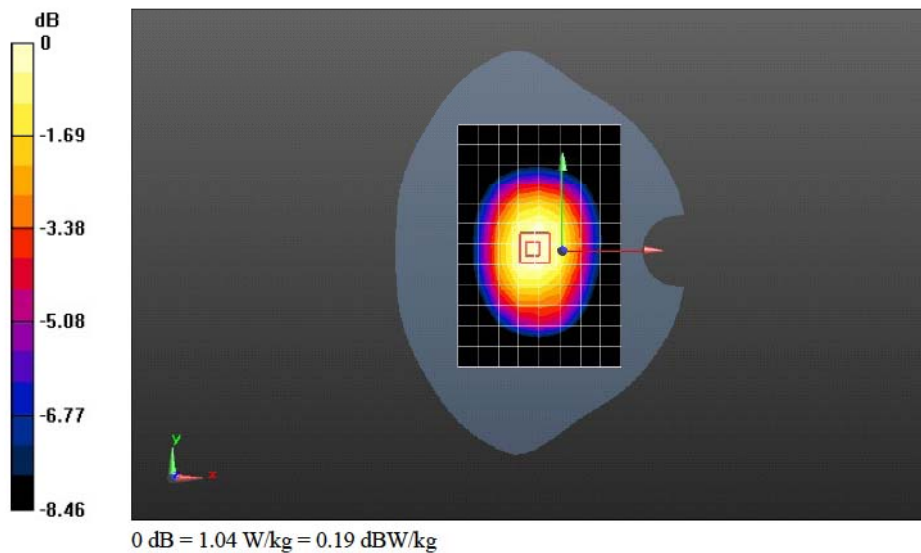
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $32.280 \text{ V/m}$ ; Power Drift =  $-0.08 \text{ dB}$

Peak SAR (extrapolated) =  $1.20 \text{ W/kg}$

**SAR(1 g) =  $0.951 \text{ W/kg}$ ; SAR(10 g) =  $0.717 \text{ W/kg}$**

Maximum value of SAR (measured) =  $1.04 \text{ W/kg}$



Test Laboratory: HUAWEI SAR/HAC Lab

# **Y530-U051 UMTS Band V 4233CH Back side 10mm with battery 5#**

**DUT: HUAWEI Y530-U051; Type: HSPA+/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;HUAWEI Ascend Y530; Serial: SAR2**

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

Medium parameters used:  $f = 847 \text{ MHz}$ ;  $\sigma = 0.975 \text{ S/m}$ ;  $\epsilon_r = 53.276$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(9.07, 9.07, 9.07); Calibrated: 2013-7-26;
- Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn851; Calibrated: 2013-7-31
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Configuration/Body/Area Scan (9x13x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

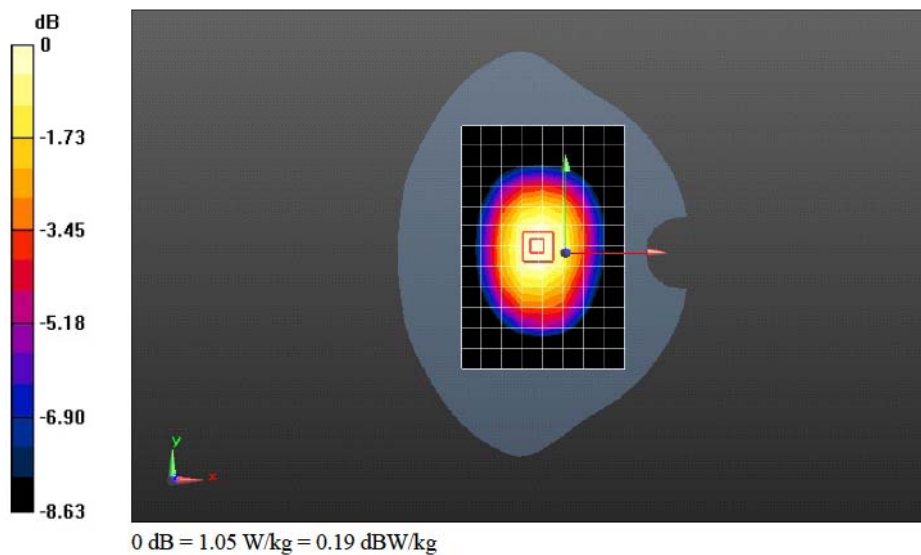
Maximum value of SAR (measured) =  $1.05 \text{ W/kg}$

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

Reference Value =  $31.988 \text{ V/m}$ ; Power Drift =  $-0.00 \text{ dB}$

Peak SAR (extrapolated) =  $1.21 \text{ W/kg}$

**SAR(1 g) =  $0.957 \text{ W/kg}$ ; SAR(10 g) =  $0.724 \text{ W/kg}$**



Test Laboratory: HUAWEI SAR/HAC Lab

### Y530-U051 UMTS Band II 9400CH Left hand touch cheek

**DUT: HUAWEI Y530-U051; Type: HSPA+/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; HUAWEI Ascend Y530; Serial: SAR2**

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

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.341$  S/m;  $\epsilon_r = 40.235$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(7.57, 7.57, 7.57); Calibrated: 2013-7-26;
- Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn851; Calibrated: 2013-7-31
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Configuration/Head/Area Scan (9x13x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

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

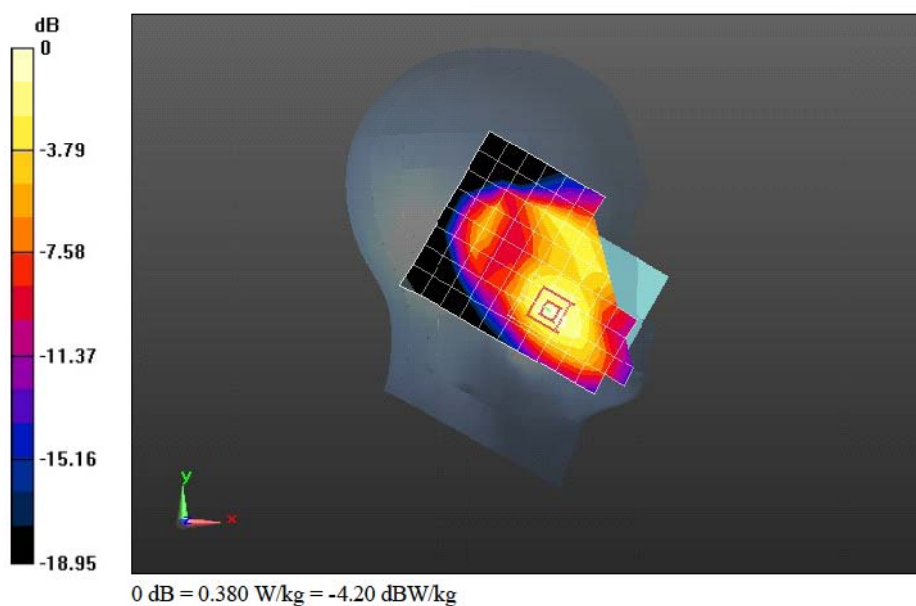
**Configuration/Head/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 9.114 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.483 W/kg

**SAR(1 g) = 0.318 W/kg; SAR(10 g) = 0.199 W/kg**

Maximum value of SAR (measured) = 0.380 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

# **Y530-U051 UMTS Band II 9400CH Left hand tilt 15 degree**

**DUT: HUAWEI Y530-U051; Type: HSPA+/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;HUAWEI Ascend Y530; Serial: SAR2**

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

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.341$  S/m;  $\epsilon_r = 40.235$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(7.57, 7.57, 7.57); Calibrated: 2013-7-26;
- Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn851; Calibrated: 2013-7-31
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Configuration/Head/Area Scan (9x13x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 0.243 W/kg

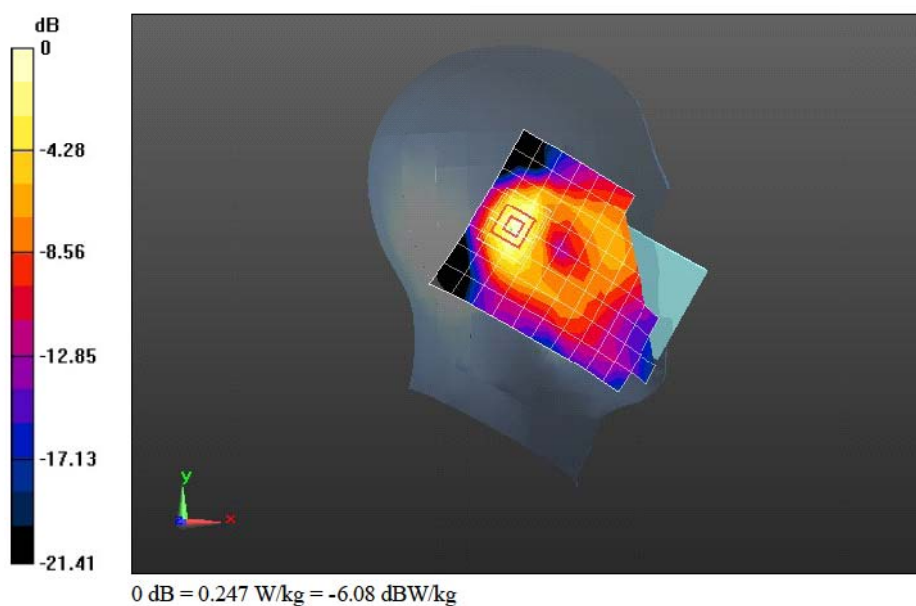
**Configuration/Head/Zoom Scan (6x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 12.979 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.332 W/kg

**SAR(1 g) = 0.204 W/kg; SAR(10 g) = 0.116 W/kg**

Maximum value of SAR (measured) = 0.247 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

### Y530-U051 UMTS Band II 9538CH Right hand touch cheek

**DUT: HUAWEI Y530-U051; Type: HSPA+/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; HUAWEI Ascend Y530; Serial: SAR2**

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

Medium parameters used:  $f = 1908 \text{ MHz}$ ;  $\sigma = 1.364 \text{ S/m}$ ;  $\epsilon_r = 40.112$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(7.57, 7.57, 7.57); Calibrated: 2013-7-26;
- Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn851; Calibrated: 2013-7-31
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Configuration/Head/Area Scan (9x13x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (measured) =  $0.474 \text{ W/kg}$

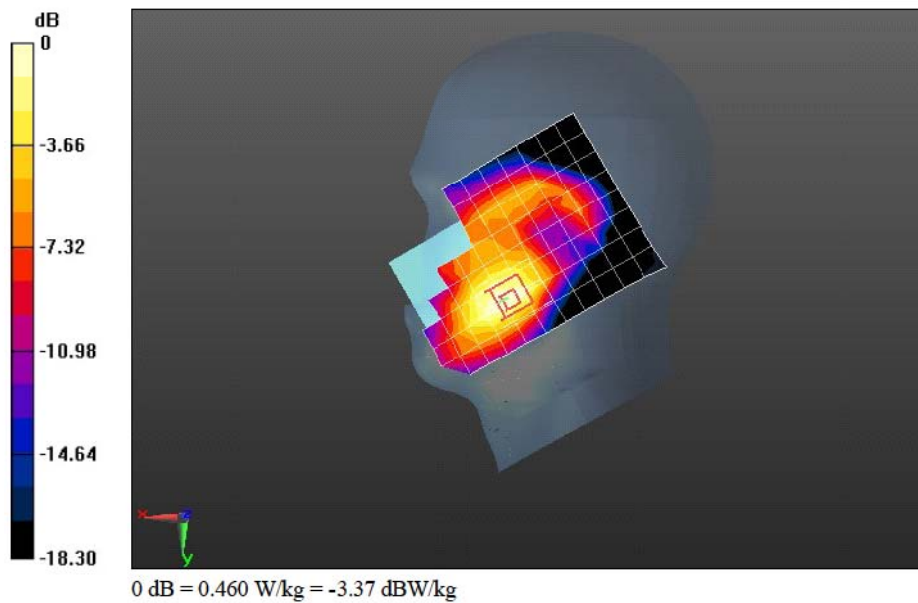
**Configuration/Head/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $8.610 \text{ V/m}$ ; Power Drift =  $0.12 \text{ dB}$

Peak SAR (extrapolated) =  $0.625 \text{ W/kg}$

**SAR(1 g) =  $0.399 \text{ W/kg}$ ; SAR(10 g) =  $0.245 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.460 \text{ W/kg}$



Test Laboratory: HUAWEI SAR/HAC Lab

### Y530-U051 UMTS Band II 9400CH Right hand touch cheek

**DUT: HUAWEI Y530-U051; Type: HSPA+/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; HUAWEI Ascend Y530; Serial: SAR2**

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

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.341$  S/m;  $\epsilon_r = 40.235$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(7.57, 7.57, 7.57); Calibrated: 2013-7-26;
- Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn851; Calibrated: 2013-7-31
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Configuration/Head/Area Scan (9x13x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 0.555 W/kg

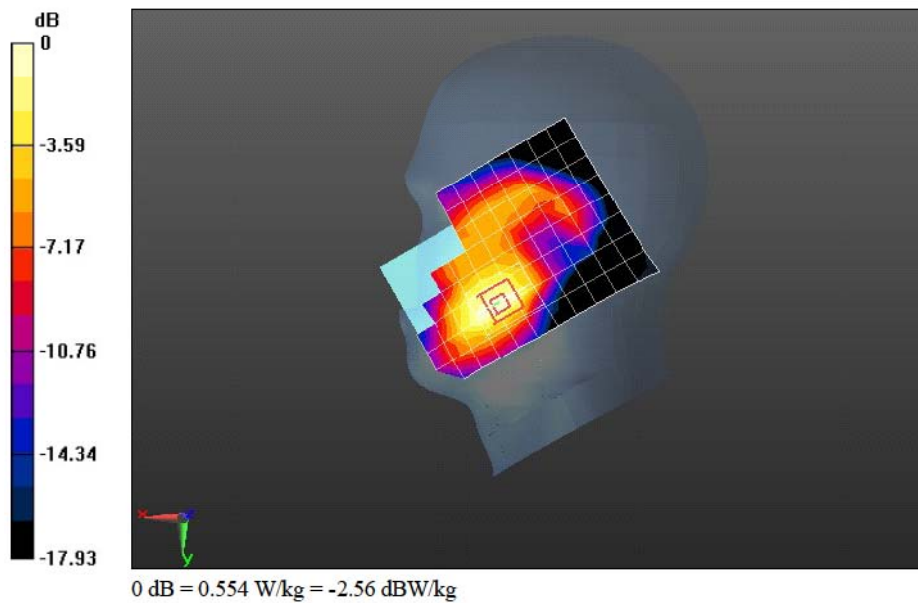
**Configuration/Head/Zoom Scan (5x6x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 9.156 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.753 W/kg

**SAR(1 g) = 0.479 W/kg; SAR(10 g) = 0.295 W/kg**

Maximum value of SAR (measured) = 0.554 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

### Y530-U051 UMTS Band II 9262CH Right hand touch cheek

**DUT: HUAWEI Y530-U051; Type: HSPA+/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;HUAWEI Ascend Y530; Serial: SAR2**

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

Medium parameters used (interpolated):  $f = 1852.4$  MHz;  $\sigma = 1.340$  S/m;  $\epsilon_r = 40.29$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(7.57, 7.57, 7.57); Calibrated: 2013-7-26;
- Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn851; Calibrated: 2013-7-31
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Configuration/Head/Area Scan (9x13x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

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

Maximum value of SAR (measured) = 0.623 W/kg

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

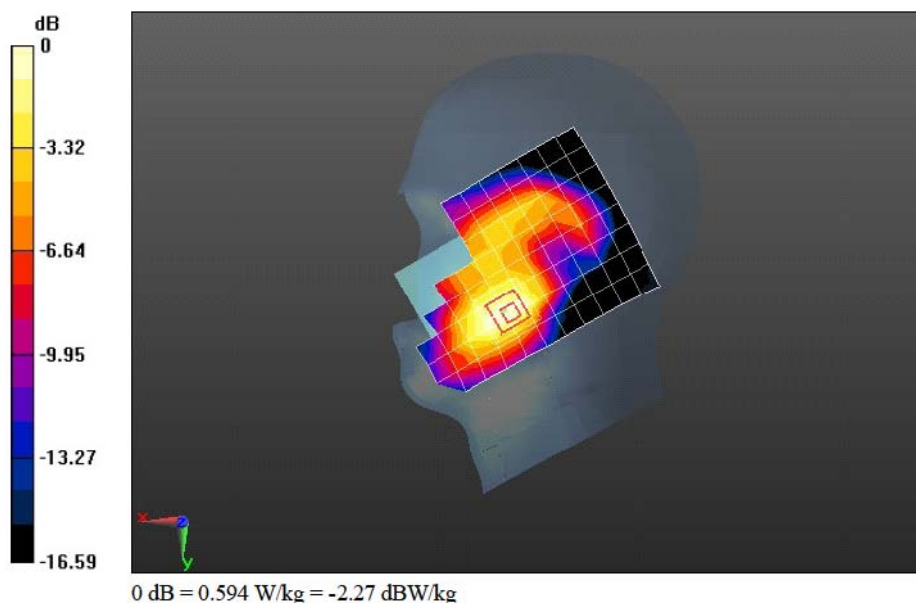
Reference Value = 10.485 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.838 W/kg

**SAR(1 g) = 0.533 W/kg; SAR(10 g) = 0.331 W/kg**

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

Maximum value of SAR (measured) = 0.594 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

### Y530-U051 UMTS Band II 9400CH Right hand tilt 15 degree

**DUT: HUAWEI Y530-U051; Type: HSPA+/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; HUAWEI Ascend Y530; Serial: SAR2**

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

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.341$  S/m;  $\epsilon_r = 40.235$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(7.57, 7.57, 7.57); Calibrated: 2013-7-26;
- Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn851; Calibrated: 2013-7-31
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Configuration/Head/Area Scan (9x13x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 0.242 W/kg

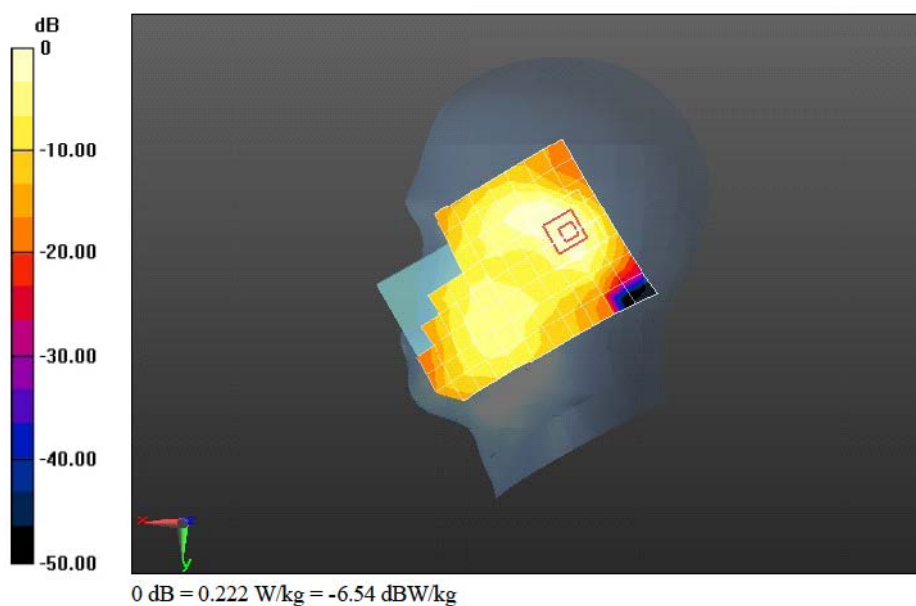
**Configuration/Head/Zoom Scan (6x6x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 13.280 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.321 W/kg

**SAR(1 g) = 0.198 W/kg; SAR(10 g) = 0.114 W/kg**

Maximum value of SAR (measured) = 0.222 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

# **Y530-U051 UMTS Band II 9262CH Right hand touch cheek with battery 2#**

**DUT: HUAWEI Y530-U051; Type: HSPA+/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;HUAWEI Ascend Y530; Serial: SAR2**

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

Medium parameters used (interpolated):  $f = 1852.4$  MHz;  $\sigma = 1.340$  S/m;  $\epsilon_r = 40.29$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(7.57, 7.57, 7.57); Calibrated: 2013-7-26;
- Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn851; Calibrated: 2013-7-31
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Configuration/Head/Area Scan (9x13x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

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

Maximum value of SAR (measured) = 0.550 W/kg

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

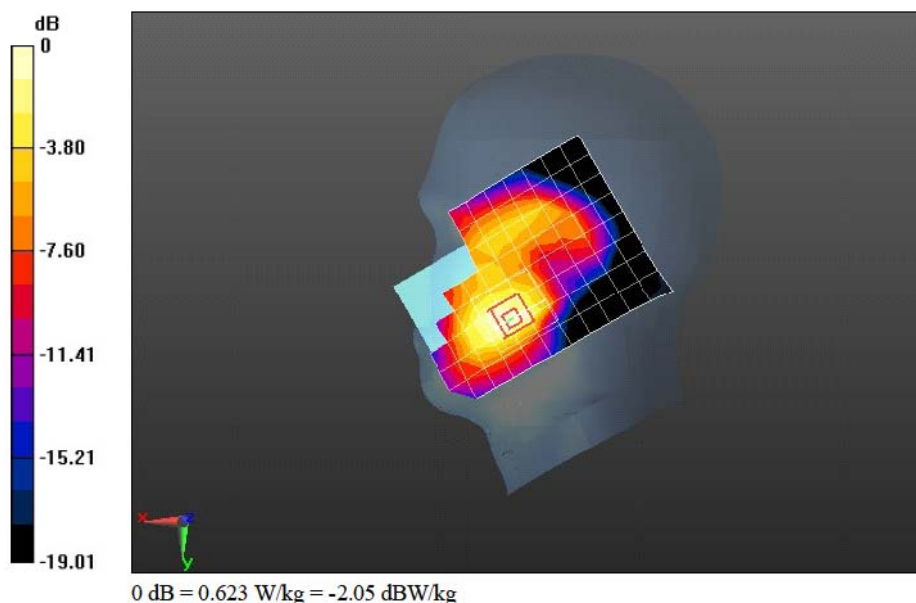
Reference Value = 9.589 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.819 W/kg

**SAR(1 g) = 0.521 W/kg; SAR(10 g) = 0.318 W/kg**

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

Maximum value of SAR (measured) = 0.623 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

### Y530-U051 UMTS Band II 9262CH Right hand touch cheek with battery 3#

**DUT: HUAWEI Y530-U051; Type: HSPA+/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;HUAWEI Ascend Y530; Serial: SAR2**

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

Medium parameters used (interpolated):  $f = 1852.4$  MHz;  $\sigma = 1.340$  S/m;  $\epsilon_r = 40.29$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(7.57, 7.57, 7.57); Calibrated: 2013-7-26;
- Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn851; Calibrated: 2013-7-31
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Configuration/Head/Area Scan (9x13x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

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

Maximum value of SAR (measured) = 0.578 W/kg

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

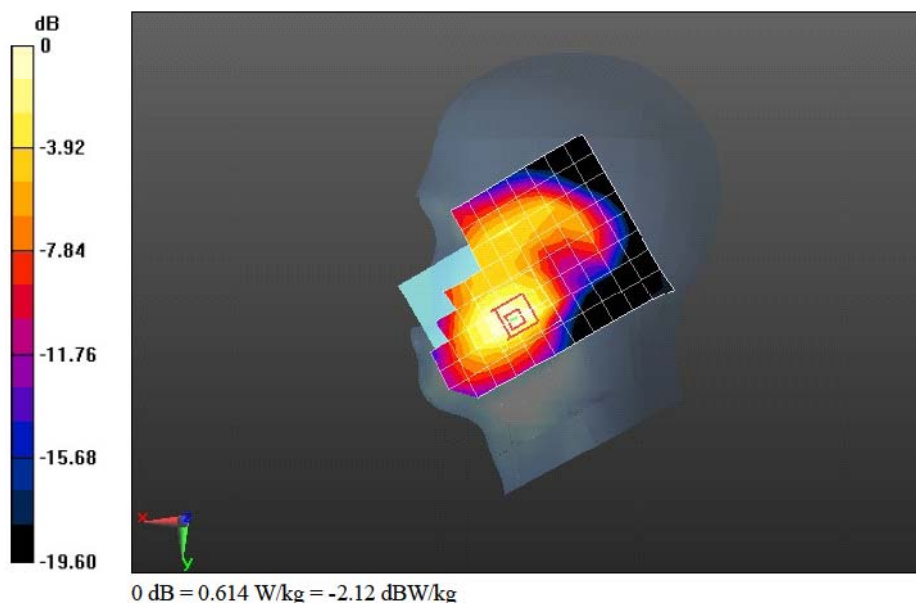
Reference Value = 10.190 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.812 W/kg

**SAR(1 g) = 0.521 W/kg; SAR(10 g) = 0.323 W/kg**

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

Maximum value of SAR (measured) = 0.614 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

# **Y530-U051 UMTS Band II 9262CH Right hand touch cheek with battery 4#**

**DUT: HUAWEI Y530-U051; Type: HSPA+/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;HUAWEI Ascend Y530; Serial: SAR2**

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

Medium parameters used (interpolated):  $f = 1852.4$  MHz;  $\sigma = 1.340$  S/m;  $\epsilon_r = 40.29$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(7.57, 7.57, 7.57); Calibrated: 2013-7-26;
- Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn851; Calibrated: 2013-7-31
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Configuration/Head/Area Scan (9x13x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

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

Maximum value of SAR (measured) = 0.586 W/kg

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

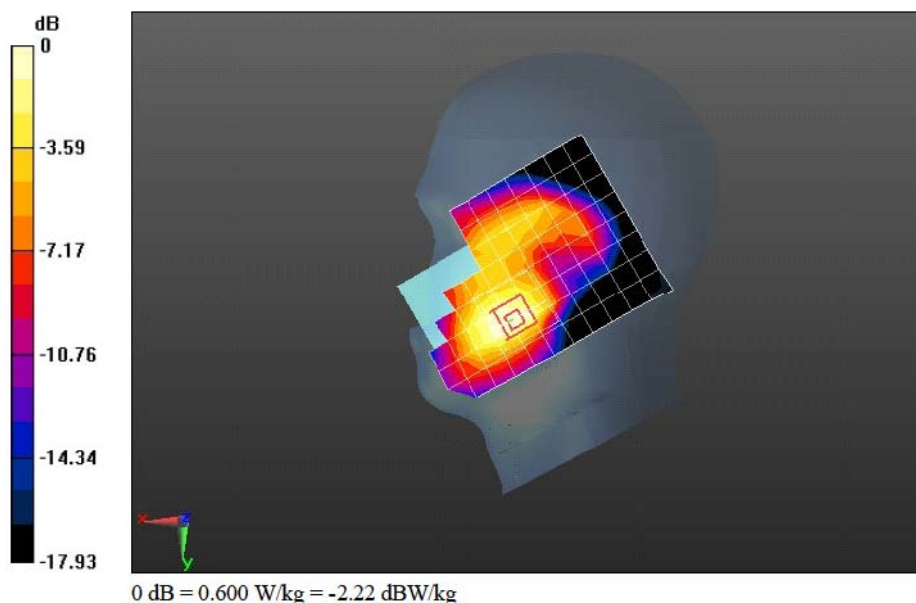
Reference Value = 9.674 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.808 W/kg

**SAR(1 g) = 0.512 W/kg; SAR(10 g) = 0.318 W/kg**

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

Maximum value of SAR (measured) = 0.600 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

# Y530-U051 UMTS Band II 9262CH Right hand touch cheek with battery 5#

**DUT: HUAWEI Y530-U051; Type: HSPA+/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;HUAWEI Ascend Y530; Serial: SAR2**

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

Medium parameters used (interpolated):  $f = 1852.4$  MHz;  $\sigma = 1.311$  S/m;  $\epsilon_r = 40.29$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(7.57, 7.57, 7.57); Calibrated: 2013-7-26;
- Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn851; Calibrated: 2013-7-31
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Configuration/Head/Area Scan (9x13x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

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

Maximum value of SAR (measured) = 0.648 W/kg

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

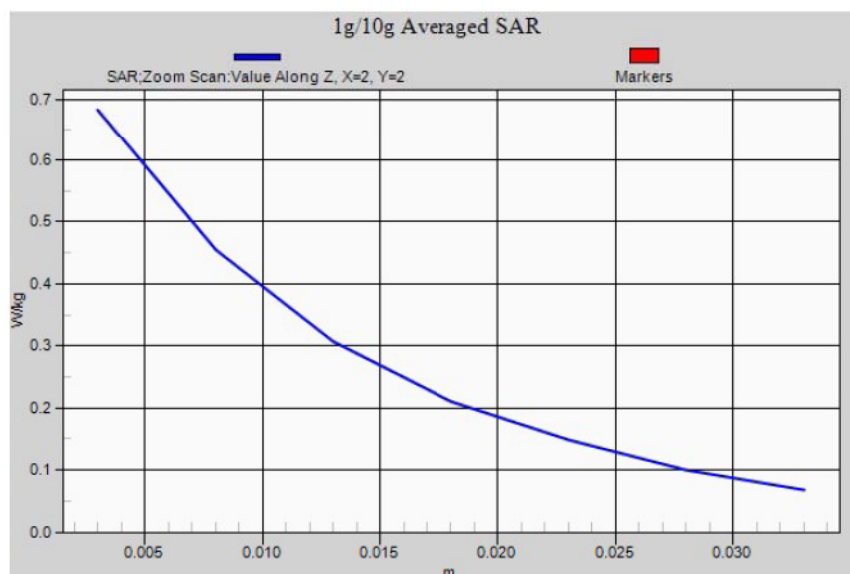
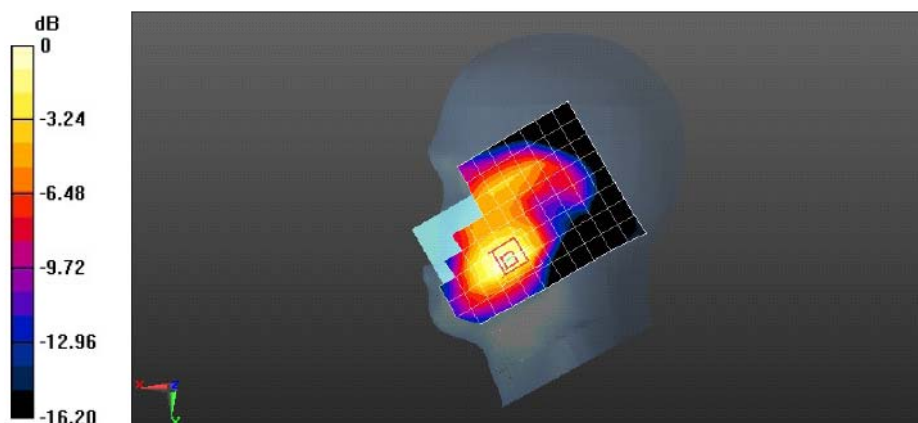
Reference Value = 9.165 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.895 W/kg

**SAR(1 g) = 0.576 W/kg; SAR(10 g) = 0.357 W/kg**

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

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



Test Laboratory: HUAWEI SAR/HAC Lab

### Y530-U051 UMTS Band II 9400CH Front side 15mm

**DUT: HUAWEI Y530-U051; Type: HSPA+/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; HUAWEI Ascend Y530; Serial: SAR2**

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

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.56$  S/m;  $\epsilon_r = 51.08$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(7.27, 7.27, 7.27); Calibrated: 2013-7-26;
- Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn851; Calibrated: 2013-7-31
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Configuration/Body/Area Scan (9x13x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 0.430 W/kg

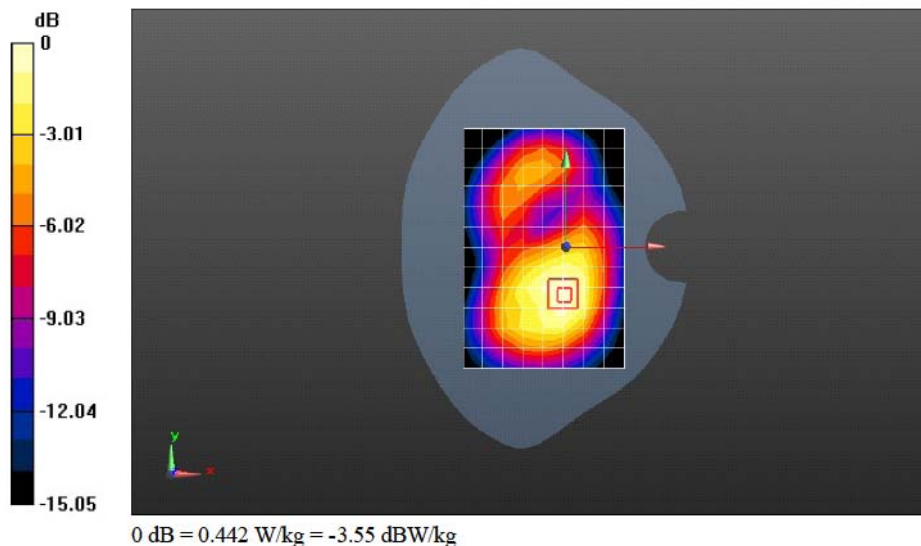
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 8.474 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.581 W/kg

**SAR(1 g) = 0.374 W/kg; SAR(10 g) = 0.234 W/kg**

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



Test Laboratory: HUAWEI SAR/HAC Lab

### Y530-U051 UMTS Band II 9400CH Back side 15mm

**DUT: HUAWEI Y530-U051; Type: HSPA+/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;HUAWEI Ascend Y530; Serial: SAR2**

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

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.56$  S/m;  $\epsilon_r = 51.08$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(7.27, 7.27, 7.27); Calibrated: 2013-7-26;
- Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn851; Calibrated: 2013-7-31
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Configuration/Body/Area Scan (9x13x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 0.485 W/kg

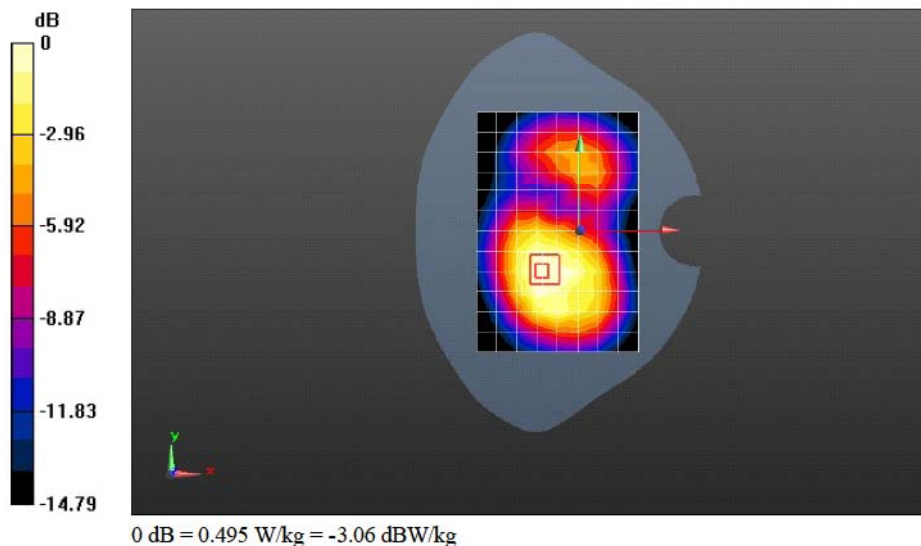
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 10.435 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.659 W/kg

**SAR(1 g) = 0.420 W/kg; SAR(10 g) = 0.266 W/kg**

Maximum value of SAR (measured) = 0.495 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

### Y530-U051 UMTS Band II 9400CH Back side 15mm with battery 2#

**DUT: HUAWEI Y530-U051; Type: HSPA+/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; HUAWEI Ascend Y530; Serial: SAR2**

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

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.56$  S/m;  $\epsilon_r = 51.08$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(7.27, 7.27, 7.27); Calibrated: 2013-7-26;
- Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn851; Calibrated: 2013-7-31
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Configuration/Body/Area Scan (9x13x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 0.481 W/kg

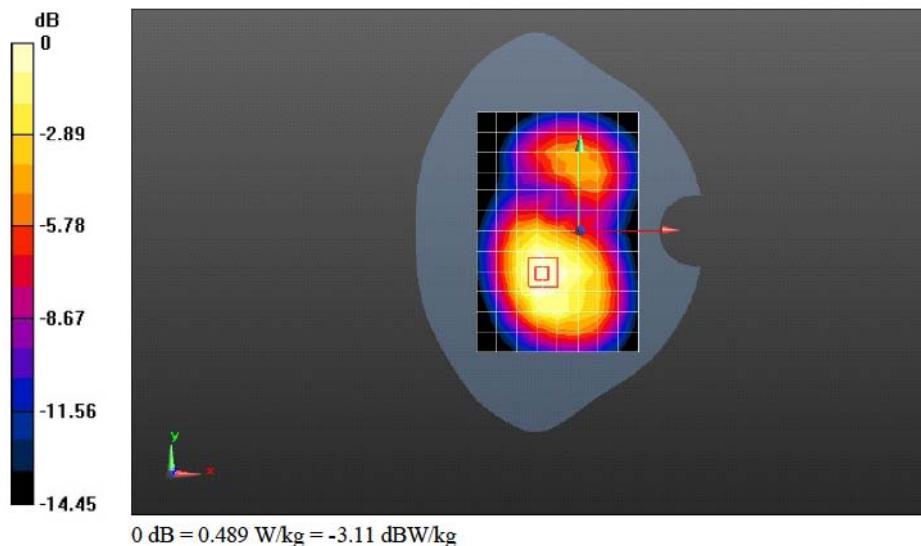
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 10.029 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.648 W/kg

**SAR(1 g) = 0.415 W/kg; SAR(10 g) = 0.263 W/kg**

Maximum value of SAR (measured) = 0.489 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

### Y530-U051 UMTS Band II 9400CH Back side 15mm with battery 3#

**DUT: HUAWEI Y530-U051; Type: HSPA+/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; HUAWEI Ascend Y530; Serial: SAR2**

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

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.56$  S/m;  $\epsilon_r = 51.08$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(7.27, 7.27, 7.27); Calibrated: 2013-7-26;
- Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn851; Calibrated: 2013-7-31
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Configuration/Body/Area Scan (9x13x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

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

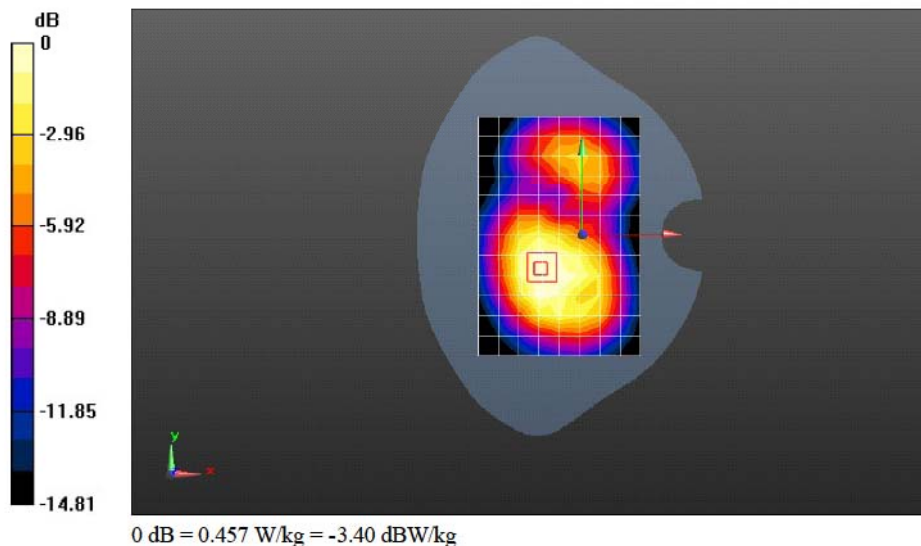
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 11.194 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.611 W/kg

**SAR(1 g) = 0.392 W/kg; SAR(10 g) = 0.249 W/kg**

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



Test Laboratory: HUAWEI SAR/HAC Lab

# Y530-U051 UMTS Band II 9400CH Back side 15mm with battery 4#

**DUT: HUAWEI Y530-U051; Type: HSPA+/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;HUAWEI Ascend Y530; Serial: SAR2**

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

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.56$  S/m;  $\epsilon_r = 51.08$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(7.27, 7.27, 7.27); Calibrated: 2013-7-26;
- Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn851; Calibrated: 2013-7-31
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Configuration/Body/Area Scan (9x13x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 0.498 W/kg

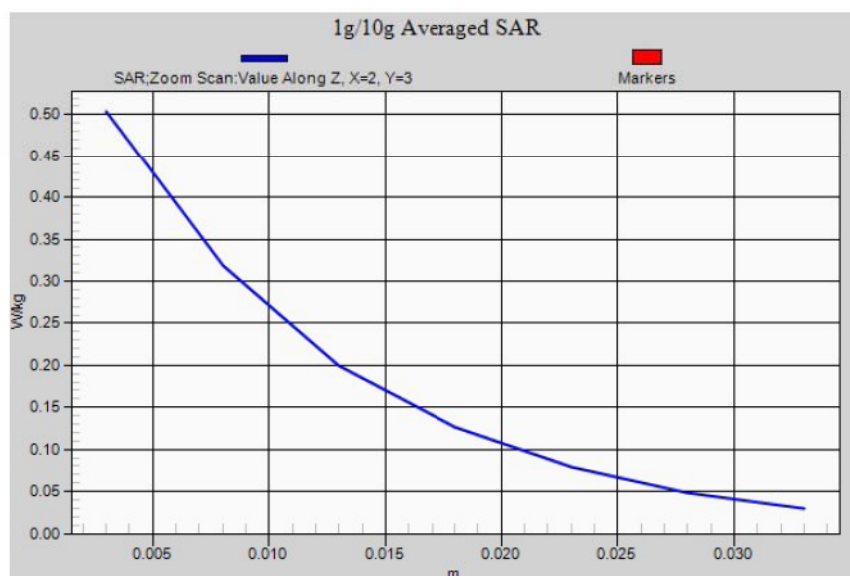
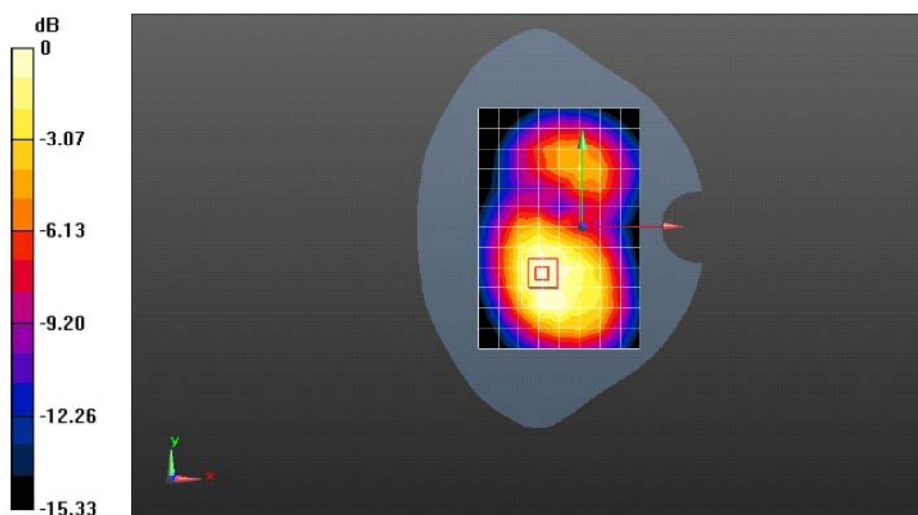
**Configuration/Body/Zoom Scan (5x6x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 8.892 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.671 W/kg

**SAR(1 g) = 0.428 W/kg; SAR(10 g) = 0.271 W/kg**

Maximum value of SAR (measured) = 0.503 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

# **Y530-U051 UMTS Band II 9400CH Back side 15mm with battery 5#**

**DUT: HUAWEI Y530-U051; Type: HSPA+/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;HUAWEI Ascend Y530; Serial: SAR2**

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

Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.56 \text{ S/m}$ ;  $\epsilon_r = 51.08$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(7.27, 7.27, 7.27); Calibrated: 2013-7-26;
- Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn851; Calibrated: 2013-7-31
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Configuration/Body/Area Scan (9x13x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (measured) =  $0.487 \text{ W/kg}$

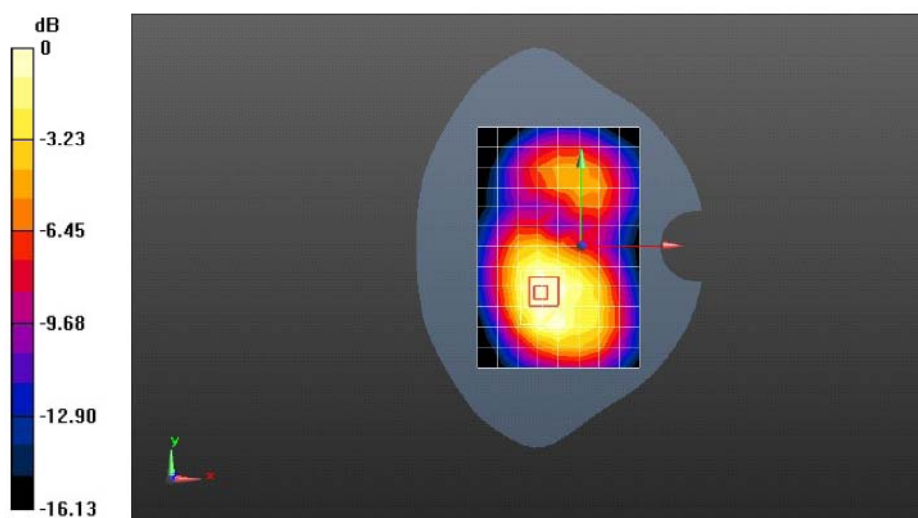
**Configuration/Body/Zoom Scan (5x6x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $9.223 \text{ V/m}$ ; Power Drift =  $0.10 \text{ dB}$

Peak SAR (extrapolated) =  $0.672 \text{ W/kg}$

**SAR(1 g) =  $0.427 \text{ W/kg}$ ; SAR(10 g) =  $0.270 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.505 \text{ W/kg}$



0 dB =  $0.505 \text{ W/kg}$  =  $-2.97 \text{ dBW/kg}$

Test Laboratory: HUAWEI SAR/HAC Lab

### Y530-U051 UMTS Band II 9400CH Front side 10mm

**DUT: HUAWEI Y530-U051; Type: HSPA+/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; HUAWEI Ascend Y530; Serial: SAR2**

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

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.56$  S/m;  $\epsilon_r = 51.08$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(7.27, 7.27, 7.27); Calibrated: 2013-7-26;
- Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn851; Calibrated: 2013-7-31
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Configuration/Body/Area Scan (9x13x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 0.750 W/kg

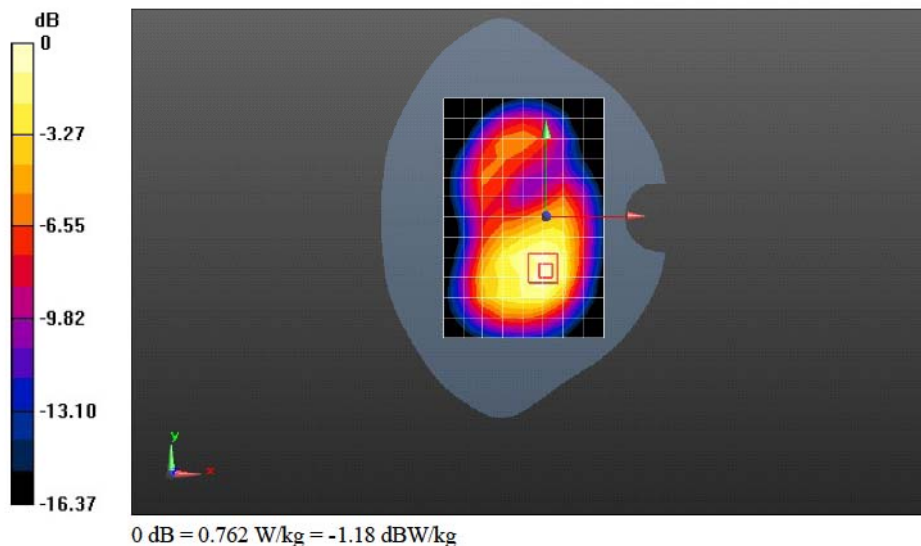
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 9.963 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.03 W/kg

**SAR(1 g) = 0.642 W/kg; SAR(10 g) = 0.389 W/kg**

Maximum value of SAR (measured) = 0.762 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

### Y530-U051 UMTS Band II 9538CH Back side 10mm

**DUT: HUAWEI Y530-U051; Type: HSPA+/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; HUAWEI Ascend Y530; Serial: SAR2**

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

Medium parameters used:  $f = 1908$  MHz;  $\sigma = 1.583$  S/m;  $\epsilon_r = 50.968$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(7.27, 7.27, 7.27); Calibrated: 2013-7-26;
- Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn851; Calibrated: 2013-7-31
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Configuration/Body/Area Scan (9x13x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 0.959 W/kg

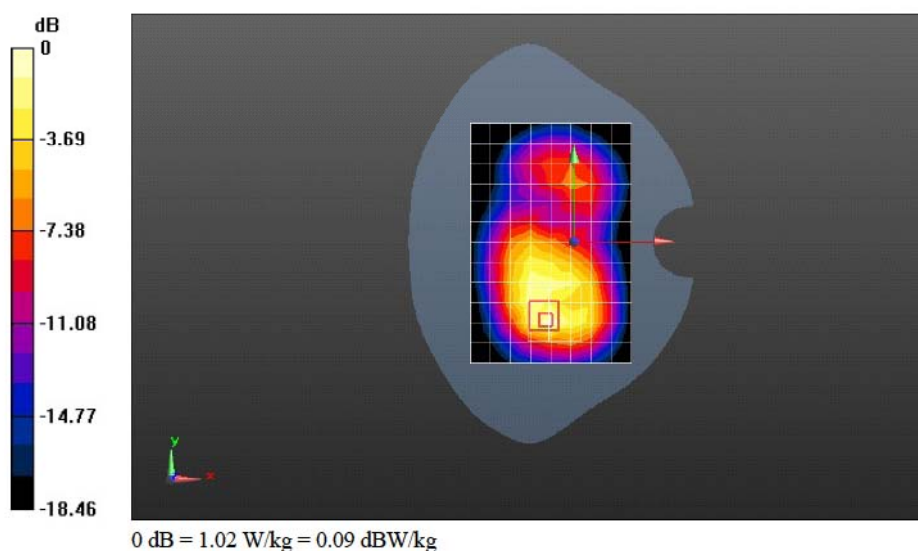
**Configuration/Body/Zoom Scan (6x6x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 11.610 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 1.39 W/kg

**SAR(1 g) = 0.807 W/kg; SAR(10 g) = 0.436 W/kg**

Maximum value of SAR (measured) = 1.02 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

### Y530-U051 UMTS Band II 9400CH Back side 10mm

**DUT: HUAWEI Y530-U051; Type: HSPA+/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; HUAWEI Ascend Y530; Serial: SAR2**

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

Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.56 \text{ S/m}$ ;  $\epsilon_r = 51.08$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(7.27, 7.27, 7.27); Calibrated: 2013-7-26;
- Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn851; Calibrated: 2013-7-31
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Configuration/Body/Area Scan (9x13x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (measured) =  $0.879 \text{ W/kg}$

**Configuration/Body/Zoom Scan (6x6x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $12.436 \text{ V/m}$ ; Power Drift =  $0.07 \text{ dB}$

Peak SAR (extrapolated) =  $1.27 \text{ W/kg}$

**SAR(1 g) =  $0.748 \text{ W/kg}$ ; SAR(10 g) =  $0.462 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.894 \text{ W/kg}$

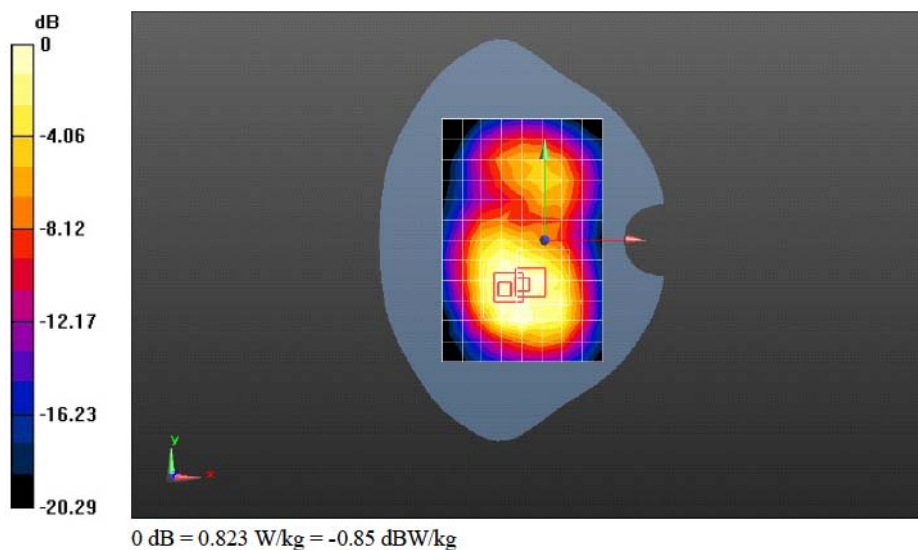
**Configuration/Body/Zoom Scan (6x6x7)/Cube 1:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $12.436 \text{ V/m}$ ; Power Drift =  $0.07 \text{ dB}$

Peak SAR (extrapolated) =  $1.10 \text{ W/kg}$

**SAR(1 g) =  $0.672 \text{ W/kg}$ ; SAR(10 g) =  $0.409 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.823 \text{ W/kg}$



Test Laboratory: HUAWEI SAR/HAC Lab

### Y530-U051 UMTS Band II 9262CH Back side 10mm

**DUT: HUAWEI Y530-U051; Type: HSPA+/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;HUAWEI Ascend Y530; Serial: SAR2**

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

Medium parameters used (interpolated):  $f = 1852.4$  MHz;  $\sigma = 1.532$  S/m;  $\epsilon_r = 51.157$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(7.27, 7.27, 7.27); Calibrated: 2013-7-26;
- Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn851; Calibrated: 2013-7-31
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Configuration/Body/Area Scan (9x13x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

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

Maximum value of SAR (measured) = 1.09 W/kg

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

Reference Value = 13.230 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 1.58 W/kg

**SAR(1 g) = 0.960 W/kg; SAR(10 g) = 0.598 W/kg**

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

Maximum value of SAR (measured) = 1.14 W/kg

**Configuration/Body/Zoom Scan (6x6x7)/Cube 1:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

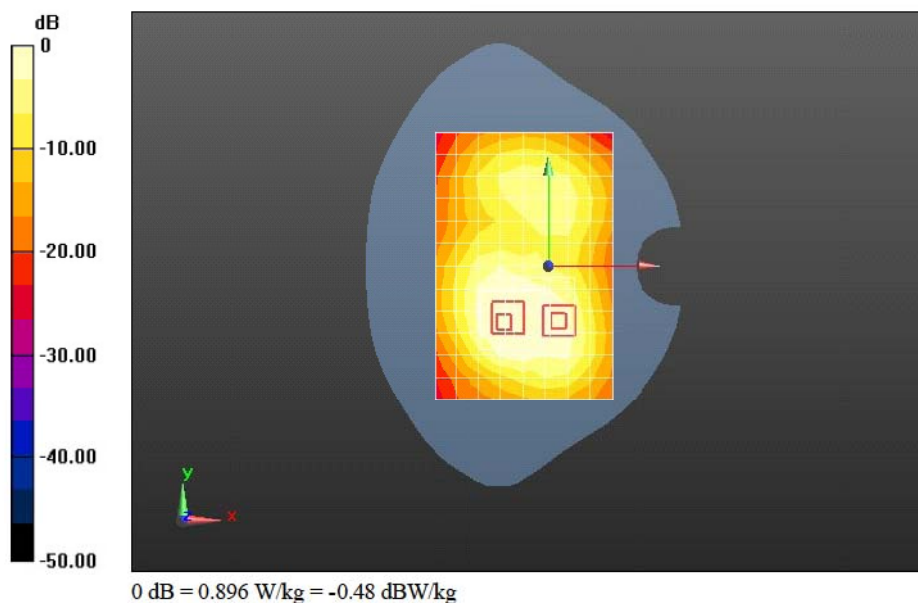
Reference Value = 13.230 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 2.26 W/kg

**SAR(1 g) = 0.948 W/kg; SAR(10 g) = 0.337 W/kg**

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

Maximum value of SAR (measured) = 0.896 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

**Y530-U051 UMTS Band II 9262CH Back side 10mm-repeated****DUT: HUAWEI Y530-U051; Type: HSPA+/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;HUAWEI Ascend Y530; Serial: SAR2**

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

Medium parameters used (interpolated):  $f = 1852.4$  MHz;  $\sigma = 1.532$  S/m;  $\epsilon_r = 51.157$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(7.27, 7.27, 7.27); Calibrated: 2013-7-26;
- Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn851; Calibrated: 2013-7-31
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Configuration/Body/Area Scan (9x13x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm[Info: Interpolated medium parameters used for SAR evaluation.](#)

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

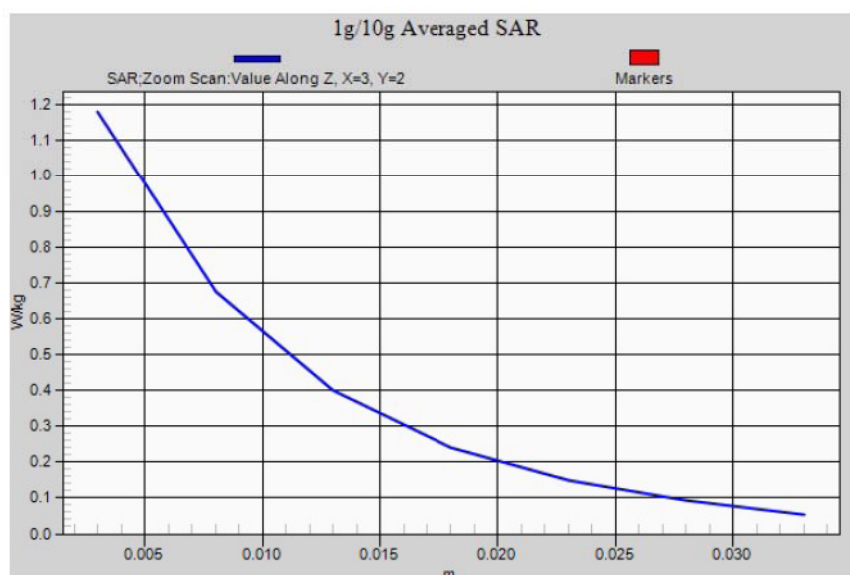
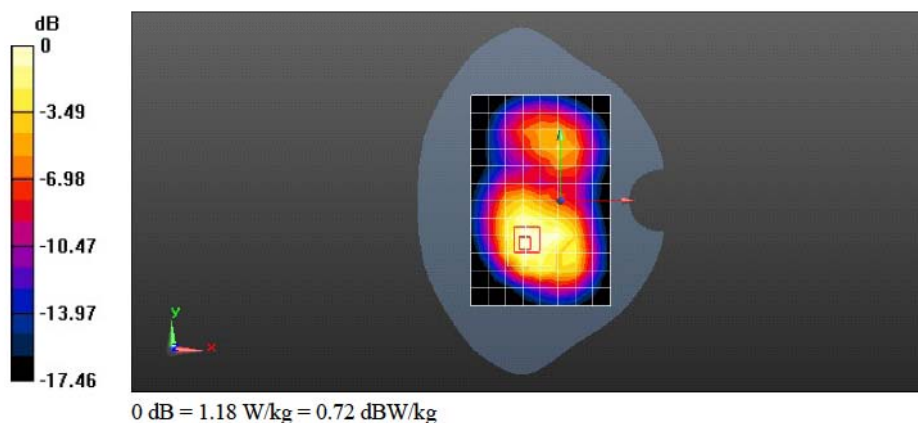
**Configuration/Body/Zoom Scan (6x6x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 14.107 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.68 W/kg

**SAR(1 g) = 0.984 W/kg; SAR(10 g) = 0.603 W/kg**[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.18 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

### Y530-U051 UMTS Band II 9400CH Left side 10mm

**DUT: HUAWEI Y530-U051; Type: HSPA+/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; HUAWEI Ascend Y530; Serial: SAR2**

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

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.56$  S/m;  $\epsilon_r = 51.08$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(7.27, 7.27, 7.27); Calibrated: 2013-7-26;
- Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn851; Calibrated: 2013-7-31
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Configuration/Body/Area Scan (7x13x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 0.284 W/kg

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

Reference Value = 7.260 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.378 W/kg

**SAR(1 g) = 0.237 W/kg; SAR(10 g) = 0.138 W/kg**

Maximum value of SAR (measured) = 0.286 W/kg

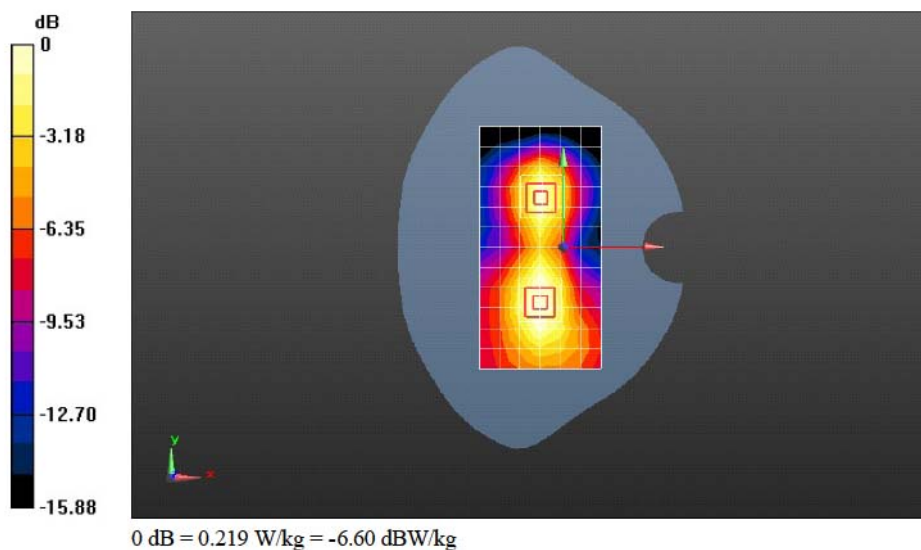
**Configuration/Body/Zoom Scan (5x5x7)/Cube 1:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 7.260 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.292 W/kg

**SAR(1 g) = 0.179 W/kg; SAR(10 g) = 0.104 W/kg**

Maximum value of SAR (measured) = 0.219 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

### Y530-U051 UMTS Band II 9400CH Right side 10mm

**DUT: HUAWEI Y530-U051; Type: HSPA+/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; HUAWEI Ascend Y530; Serial: SAR2**

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

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.56$  S/m;  $\epsilon_r = 51.08$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(7.27, 7.27, 7.27); Calibrated: 2013-7-26;
- Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn851; Calibrated: 2013-7-31
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Configuration/Body/Area Scan (7x13x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 0.267 W/kg

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

Reference Value = 10.419 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.358 W/kg

**SAR(1 g) = 0.223 W/kg; SAR(10 g) = 0.131 W/kg**

Maximum value of SAR (measured) = 0.269 W/kg

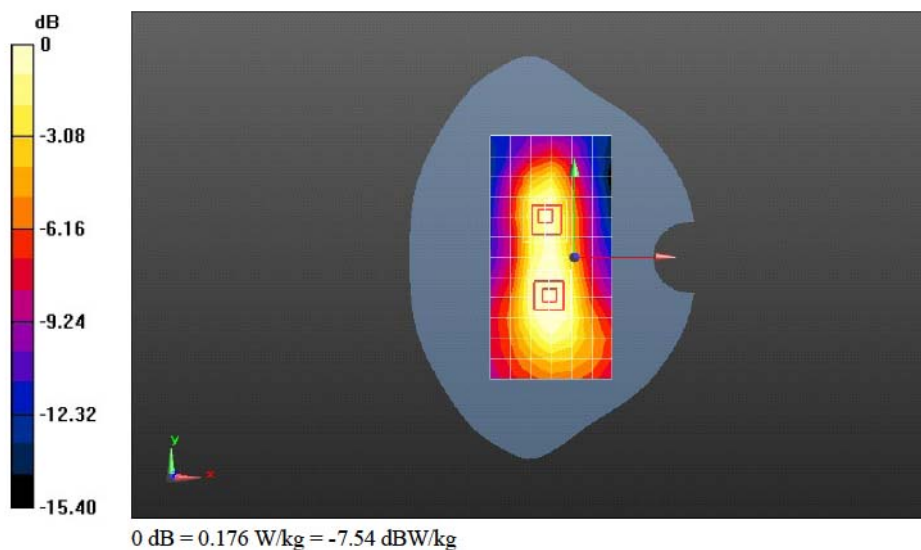
**Configuration/Body/Zoom Scan (5x5x7)/Cube 1:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 10.419 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.234 W/kg

**SAR(1 g) = 0.147 W/kg; SAR(10 g) = 0.088 W/kg**

Maximum value of SAR (measured) = 0.176 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

### Y530-U051 UMTS Band II 9400CH bottom side 10mm

**DUT: HUAWEI Y530-U051; Type: HSPA+/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;HUAWEI Ascend Y530; Serial: SAR2**

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

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.56$  S/m;  $\epsilon_r = 51.08$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(7.27, 7.27, 7.27); Calibrated: 2013-7-26;
- Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn851; Calibrated: 2013-7-31
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Configuration/Body/Area Scan (7x13x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 0.614 W/kg

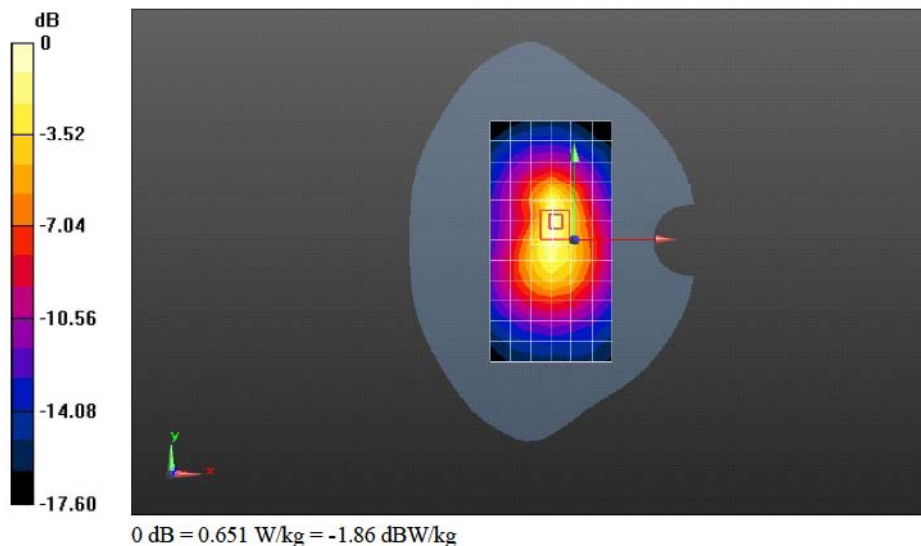
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 18.316 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.882 W/kg

**SAR(1 g) = 0.523 W/kg; SAR(10 g) = 0.287 W/kg**

Maximum value of SAR (measured) = 0.651 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

### Y530-U051 UMTS Band II 9262CH Back side 10mm with battery 2#

**DUT: HUAWEI Y530-U051; Type: HSPA+/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;HUAWEI Ascend Y530; Serial: SAR2**

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

Medium parameters used (interpolated):  $f = 1852.4$  MHz;  $\sigma = 1.532$  S/m;  $\epsilon_r = 51.157$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(7.27, 7.27, 7.27); Calibrated: 2013-7-26;
- Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn851; Calibrated: 2013-7-31
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Configuration/Body/Area Scan (9x13x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

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

Maximum value of SAR (measured) = 1.10 W/kg

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

Reference Value = 13.772 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.55 W/kg

**SAR(1 g) = 0.940 W/kg; SAR(10 g) = 0.583 W/kg**

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

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

**Configuration/Body/Zoom Scan (5x6x7)/Cube 1:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

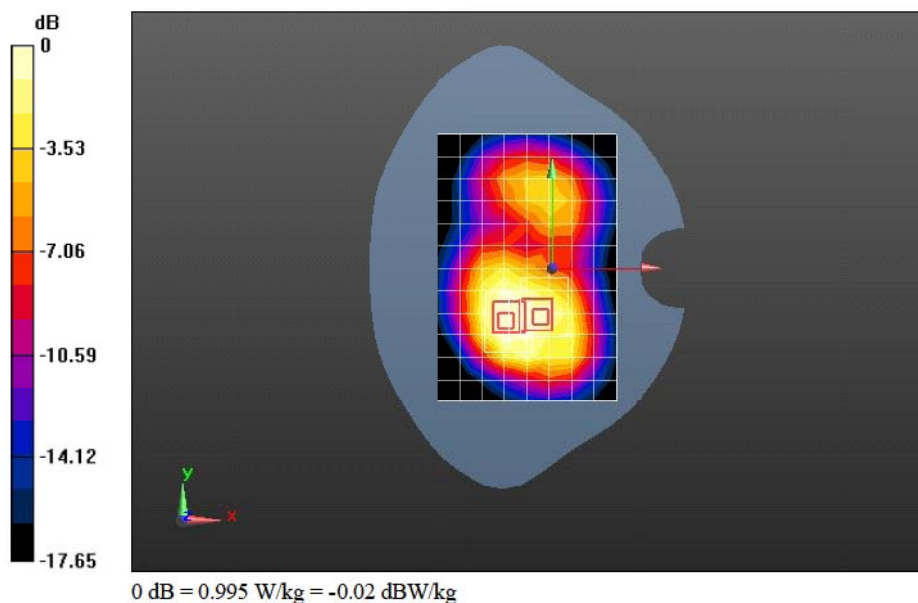
Reference Value = 13.772 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.37 W/kg

**SAR(1 g) = 0.835 W/kg; SAR(10 g) = 0.513 W/kg**

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

Maximum value of SAR (measured) = 0.995 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

### Y530-U051 UMTS Band II 9262CH Back side 10mm with battery 3#

**DUT: HUAWEI Y530-U051; Type: HSPA+/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;HUAWEI Ascend Y530; Serial: SAR2**

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

Medium parameters used (interpolated):  $f = 1852.4$  MHz;  $\sigma = 1.532$  S/m;  $\epsilon_r = 51.157$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(7.27, 7.27, 7.27); Calibrated: 2013-7-26;
- Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn851; Calibrated: 2013-7-31
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Configuration/Body/Area Scan (9x13x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

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

Maximum value of SAR (measured) = 1.05 W/kg

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

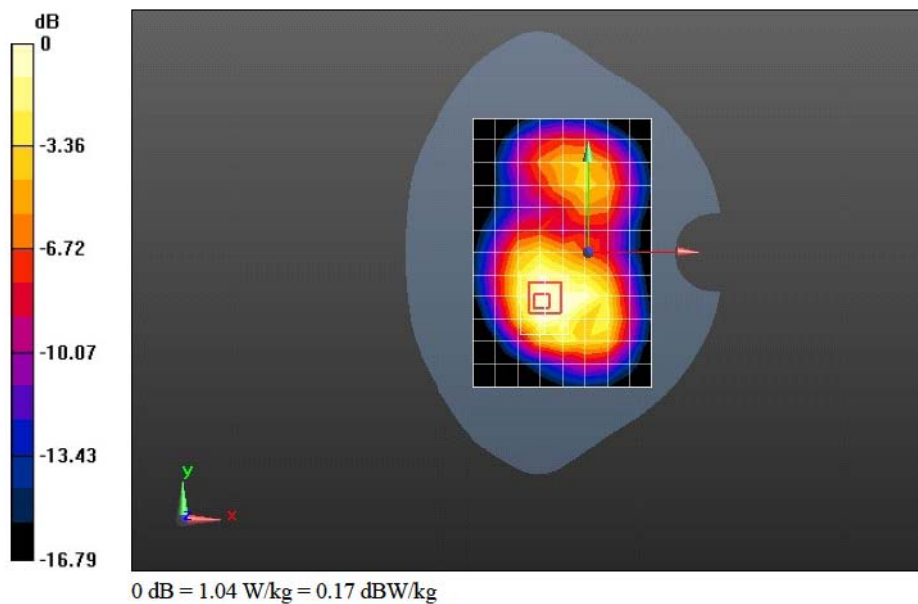
Reference Value = 14.205 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.46 W/kg

**SAR(1 g) = 0.881 W/kg; SAR(10 g) = 0.544 W/kg**

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

Maximum value of SAR (measured) = 1.04 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

### Y530-U051 UMTS Band II 9262CH Back side 10mm with battery 4#

**DUT: HUAWEI Y530-U051; Type: HSPA+/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; HUAWEI Ascend Y530; Serial: SAR2**

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

Medium parameters used (interpolated):  $f = 1852.4$  MHz;  $\sigma = 1.532$  S/m;  $\epsilon_r = 51.157$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(7.27, 7.27, 7.27); Calibrated: 2013-7-26;
- Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn851; Calibrated: 2013-7-31
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Configuration/Body/Area Scan (9x13x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

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

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

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

Reference Value = 17.846 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 1.50 W/kg

**SAR(1 g) = 0.917 W/kg; SAR(10 g) = 0.570 W/kg**

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

Maximum value of SAR (measured) = 1.09 W/kg

**Configuration/Body/Zoom Scan (5x5x7)/Cube 1:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

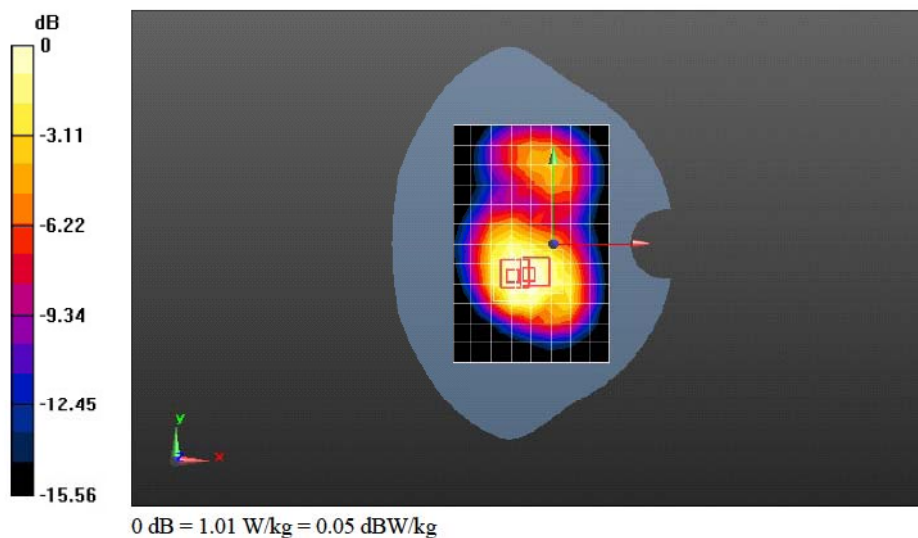
Reference Value = 17.846 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 1.37 W/kg

**SAR(1 g) = 0.817 W/kg; SAR(10 g) = 0.507 W/kg**

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

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



Test Laboratory: HUAWEI SAR/HAC Lab

### Y530-U051 UMTS Band II 9262CH Back side 10mm with battery 5#

**DUT: HUAWEI Y530-U051; Type: HSPA+/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;HUAWEI Ascend Y530; Serial: SAR2**

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

Medium parameters used (interpolated):  $f = 1852.4$  MHz;  $\sigma = 1.532$  S/m;  $\epsilon_r = 51.157$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(7.27, 7.27, 7.27); Calibrated: 2013-7-26;
- Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn851; Calibrated: 2013-7-31
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Configuration/Body/Area Scan (9x13x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

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

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

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

Reference Value = 14.671 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.52 W/kg

**SAR(1 g) = 0.928 W/kg; SAR(10 g) = 0.577 W/kg**

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

Maximum value of SAR (measured) = 1.10 W/kg

**Configuration/Body/Zoom Scan (6x6x7)/Cube 1:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

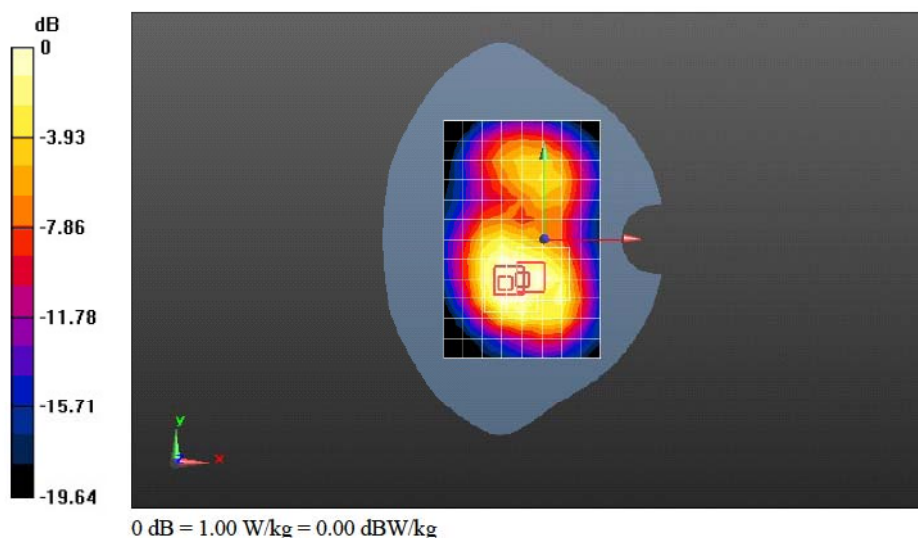
Reference Value = 14.671 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.35 W/kg

**SAR(1 g) = 0.839 W/kg; SAR(10 g) = 0.515 W/kg**

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

Maximum value of SAR (measured) = 1.00 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

### Y530-U051 WiFi 11b 11CH Left hand touch cheek

**DUT: HUAWEI Y530-U051; Type: HSPA+/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;HUAWEI Ascend Y530; Serial: SAR2**

Communication System: UID 0, WiFi(802.11a/b/g/n) (0); Frequency: 2462 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.818$  S/m;  $\epsilon_r = 40.861$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(6.96, 6.96, 6.96); Calibrated: 2013-7-26;
- Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn851; Calibrated: 2013-7-31
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Configuration/Head/Area Scan (10x15x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm

Maximum value of SAR (measured) = 0.0795 W/kg

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

Reference Value = 3.300 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.146 W/kg

**SAR(1 g) = 0.062 W/kg; SAR(10 g) = 0.028 W/kg**

Maximum value of SAR (measured) = 0.0849 W/kg

