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Test Laboratory: GTA-Beijing

## 5GHZ\_ Body Validation\_20140728\_1

**DUT: Dipole D5GHzV2; Type: D5GHzV2; Serial: D5GHzV2 - SN:1061**

Communication System: UID 0, CW (0); Communication System Band: D5GHz (5000.0 - 6000.0 MHz); Frequency: 5500 MHz; Communication System PAR: 0 dB; PMF: 1

Medium parameters used:  $f = 5500$  MHz;  $\sigma = 5.816$  S/m;  $\epsilon_r = 49.382$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3642; ConvF(3.68, 3.68, 3.68); Calibrated: 12/20/2013;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1326; Calibrated: 2/14/2014
- Phantom: SAM with CRP v5.0#1696; Type: QD000P40CD; Serial: TP:1696
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

### Configuration/d=10mm, Pin=250 mW, dist=2.0mm (EX-Probe)\_5.5G /Area Scan

**(51x61x1):** Interpolated grid:  $dx=1.000$  mm,  $dy=1.000$  mm

Maximum value of SAR (interpolated) = 46.6 W/kg

### Configuration/d=10mm, Pin=250 mW, dist=2.0mm (EX-Probe)\_5.5G /Zoom Scan

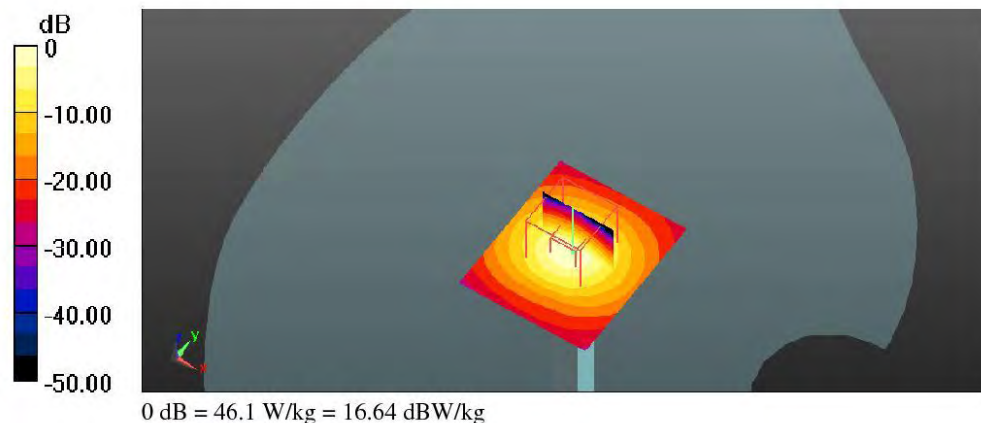
**(7x7x7) (8x8x12)/Cube 0:** Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=2$ mm

Reference Value = 97.16 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 77.2 W/kg

**SAR(1 g) = 18.4 W/kg; SAR(10 g) = 5.09 W/kg**

Maximum value of SAR (measured) = 46.1 W/kg



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Test Laboratory: GTA-Beijing

## 5GHZ\_ Body Validation\_20140728\_1

**DUT: Dipole D5GHzV2; Type: D5GHzV2; Serial: D5GHzV2 - SN:1061**

Communication System: UID 0, CW (0); Communication System Band: D5GHz (5000.0 - 6000.0 MHz); Frequency: 5800 MHz; Communication System PAR: 0 dB; PMF: 1

Medium parameters used:  $f = 5800$  MHz;  $\sigma = 6.226$  S/m;  $\epsilon_r = 48.607$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3642; ConvF(3.82, 3.82, 3.82); Calibrated: 12/20/2013;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1326; Calibrated: 2/14/2014
- Phantom: SAM with CRP v5.0#1696; Type: QD000P40CD; Serial: TP:1696
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

### Configuration/d=10mm, Pin=250 mW, dist=2.0mm (EX-Probe)\_5.8G 2/Area Scan

**(51x61x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 44.2 W/kg

### Configuration/d=10mm, Pin=250 mW, dist=2.0mm (EX-Probe)\_5.8G 2/Zoom Scan

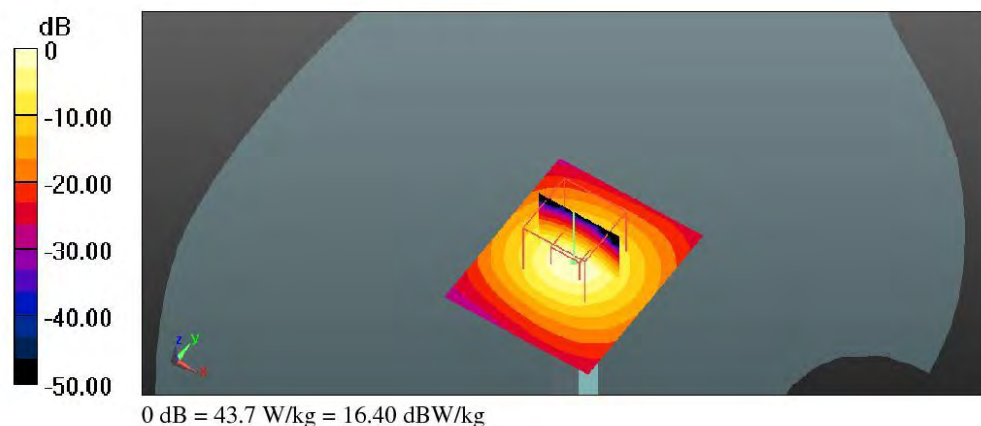
**(7x7x7) (8x8x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 94.80 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 78.2 W/kg

**SAR(1 g) = 17 W/kg; SAR(10 g) = 4.74 W/kg**

Maximum value of SAR (measured) = 43.7 W/kg



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Test Laboratory: GTA Beijing

## 5GHZ\_ Body Validation\_20140819

**DUT: Dipole D5GHzV2; Type: D5GHzV2; Serial: D5GHzV2 - SN:1061**

Communication System: UID 0, CW (0); Communication System Band: D5GHz (5000.0 - 6000.0 MHz); Frequency: 5200 MHz; Communication System PAR: 0 dB; PMF: 1

Medium parameters used:  $f = 5200$  MHz;  $\sigma = 5.369$  S/m;  $\epsilon_r = 50.106$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3642; ConvF(4.1, 4.1, 4.1); Calibrated: 12/20/2013;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1326; Calibrated: 2/14/2014
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: xxxx
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

### Configuration/d=10mm, Pin=250 mW, dist=2.0mm (EX-Probe)\_5.2G/Area Scan

**(51x61x1):** Interpolated grid:  $dx=1.000$  mm,  $dy=1.000$  mm

Maximum value of SAR (interpolated) = 45.1 W/kg

### Configuration/d=10mm, Pin=250 mW, dist=2.0mm (EX-Probe)\_5.2G/Zoom Scan

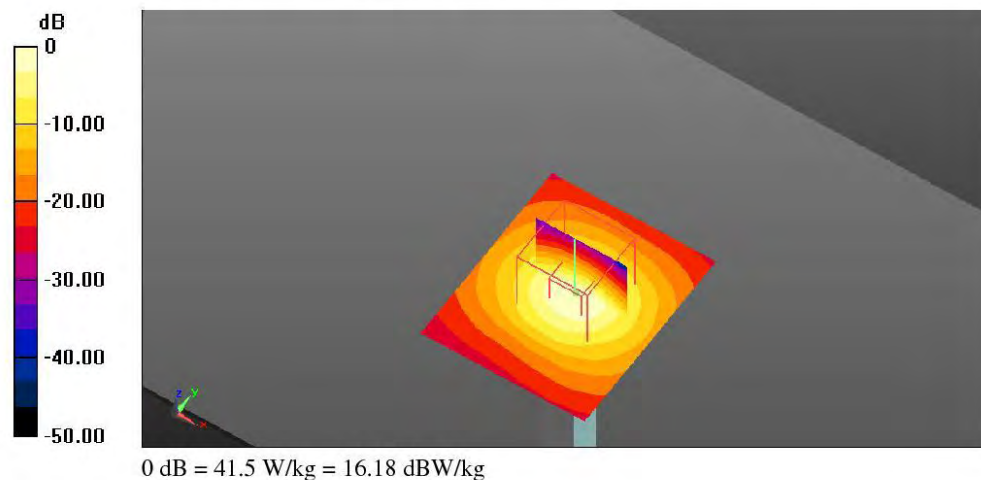
**(7x7x7) (8x8x12)/Cube 0:** Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=2$ mm

Reference Value = 98.72 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 71.3 W/kg

**SAR(1 g) = 17.4 W/kg; SAR(10 g) = 4.92 W/kg** (SAR corrected for target medium)

Maximum value of SAR (measured) = 41.5 W/kg



0 dB = 41.5 W/kg = 16.18 dBW/kg

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## APPENDIX C: SAR DISTRIBUTION PLOTS

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Test Laboratory: GTA-Beijing

### **GSM850\_Body\_15mm&10mm\_20140723**

**DUT:** PY7PM-0808 ; **Serial:** CB5A1ZTFMM

Communication System: UID 0, GSM850 GPRS3TX; Communication System Band: Exported from older format (data unavailable - please correct); Frequency: 836.6 MHz; Communication System PAR: 4.425 dB; PMF: 1.66437

Medium parameters used:  $f = 837 \text{ MHz}$ ;  $\sigma = 0.997 \text{ S/m}$ ;  $\epsilon_r = 53.83$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ES3DV3 - SN3170; ConvF(6.08, 6.08, 6.08); Calibrated: 12/19/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 2.0, 32.0$
- Electronics: DAE4 Sn853; Calibrated: 12/16/2013
- Phantom: ELI v4.0 1041; Type: QDOVA001BB; Serial: TP:xxxx
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

### **Configuration/GSM850\_body\_Mid CH\_Back\_15mm\_DTM/Area Scan (91x171x1):**

Interpolated grid:  $dx=1.000 \text{ mm}$ ,  $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) = 0.443 W/kg

### **Configuration/GSM850\_body\_Mid CH\_Back\_15mm\_DTM/Zoom Scan**

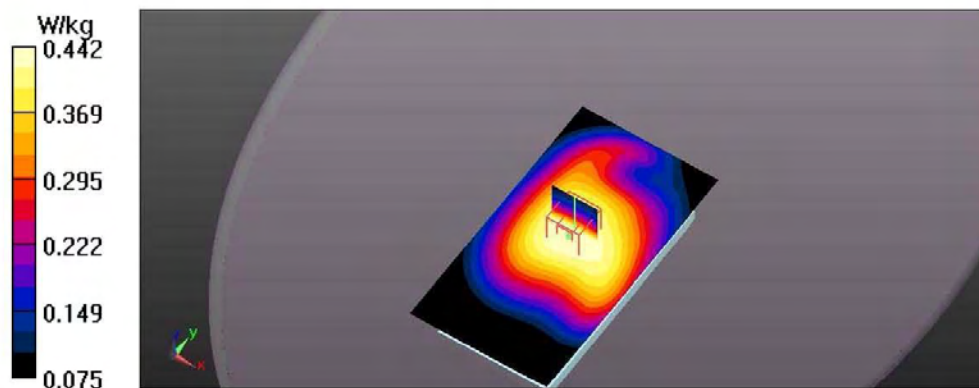
**(7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 14.78 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.509 W/kg

**SAR(1 g) = 0.403 W/kg; SAR(10 g) = 0.308 W/kg**

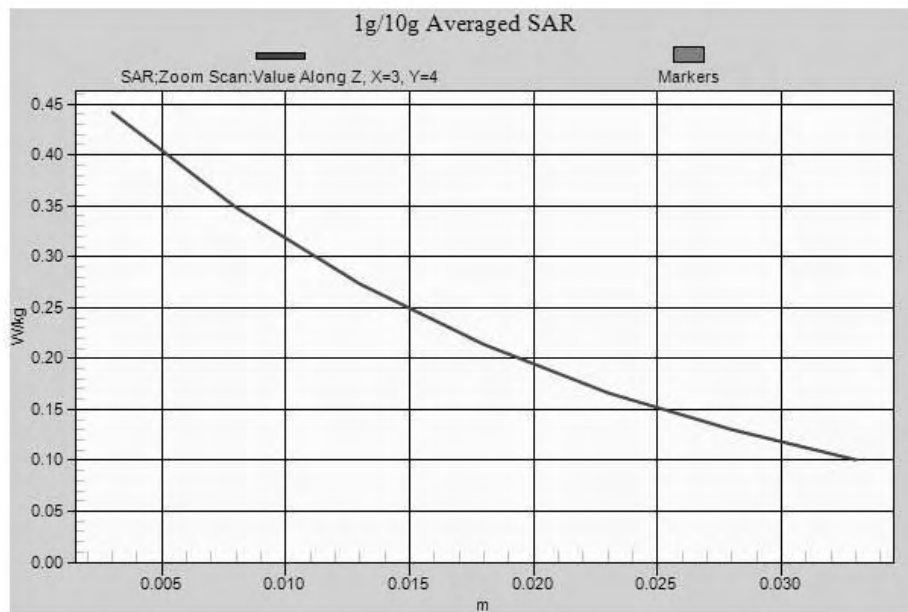
Maximum value of SAR (measured) = 0.442 W/kg



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Test Laboratory: GTA-Beijing

### GSM850\_Left head cheek\_20140716\_DTM

DUT: PY7PM-0808 ; Serial: CB5A1ZTFMM

Communication System: UID 0, GSM850 GPRS3TX (0); Communication System Band: Exported from older format (data unavailable - please correct); Frequency: 836.6 MHz; Communication System PAR: 4.425 dB; PMF: 1.66437

Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.874$  S/m;  $\epsilon_r = 42.102$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ES3DV3 - SN3170; ConvF(6.39, 6.39, 6.39); Calibrated: 12/19/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 2.0, 32.0$
- Electronics: DAE4 Sn853; Calibrated: 12/16/2013
- Phantom: SAM with CRP v4.0\_1488; Type: QD000P40CC; Serial: TP:1488
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

### Configuration/GSM850\_Left Cheek\_Mid Ch\_DTM\_1CS+2PS/Area Scan

(91x161x1): Interpolated grid:  $dx=1.000$  mm,  $dy=1.000$  mm

Maximum value of SAR (interpolated) = 0.370 W/kg

### Configuration/GSM850\_Left Cheek\_Mid Ch\_DTM\_1CS+2PS/Zoom Scan

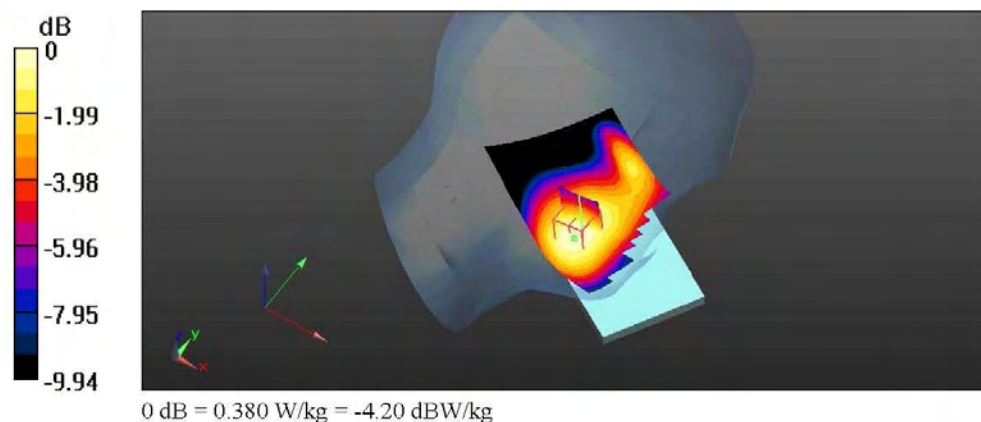
(7x7x7)/Cube 0: Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 4.126 V/m; Power Drift = 0.21 dB

Peak SAR (extrapolated) = 0.432 W/kg

**SAR(1 g) = 0.343 W/kg; SAR(10 g) = 0.256 W/kg**

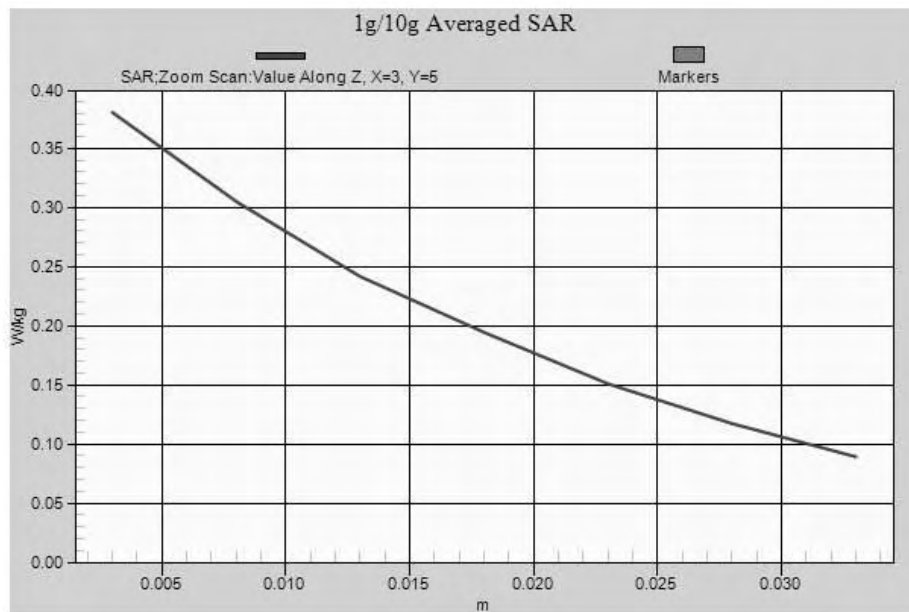
Maximum value of SAR (measured) = 0.380 W/kg



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Test Laboratory: GTA-Beijing

# **GSM1900\_Body\_10mm\_\_20140721**

DUT: PY7PM-0808

; Serial: CB5A1ZTFNY

Communication System: UID 0, GSM 1900 GPRS4TS (0); Communication System Band: Exported from older format (data unavailable - please correct).; Frequency: 1880 MHz; Communication System PAR: 3.17 dB; PMF: 1.44046

Medium parameters used:  $f = 1880 \text{ MHz}$ ,  $\sigma = 1.466 \text{ S/m}$ ;  $\epsilon_r = 51.31$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ES3DV3 - SN3169; ConvF(4.77, 4.77, 4.77); Calibrated: 12/19/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 2.0, 32.0$
- Electronics: DAE4 Sn854; Calibrated: 12/16/2013
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:xxxx
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/GSM1900\_4TS\_Mid CH\_Bottom/Area Scan (51x131x1):** Interpolated grid:  $dx=1.000 \text{ mm}$ ,  $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) = 0.626 W/kg

**Configuration/GSM1900\_4TS\_Mid CH\_Bottom/Zoom Scan (7x7x7)/Cube 0:**

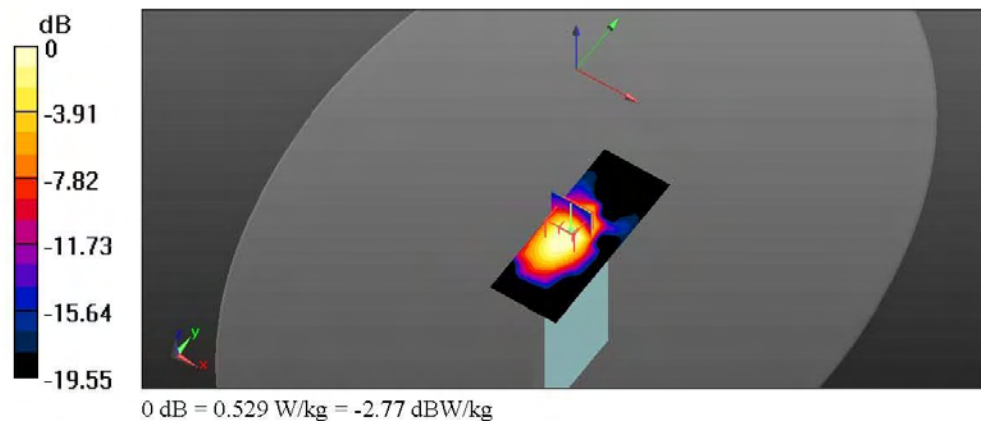
Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 18.52 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.809 W/kg

**SAR(1 g) = 0.465 W/kg; SAR(10 g) = 0.234 W/kg**

Maximum value of SAR (measured) = 0.529 W/kg

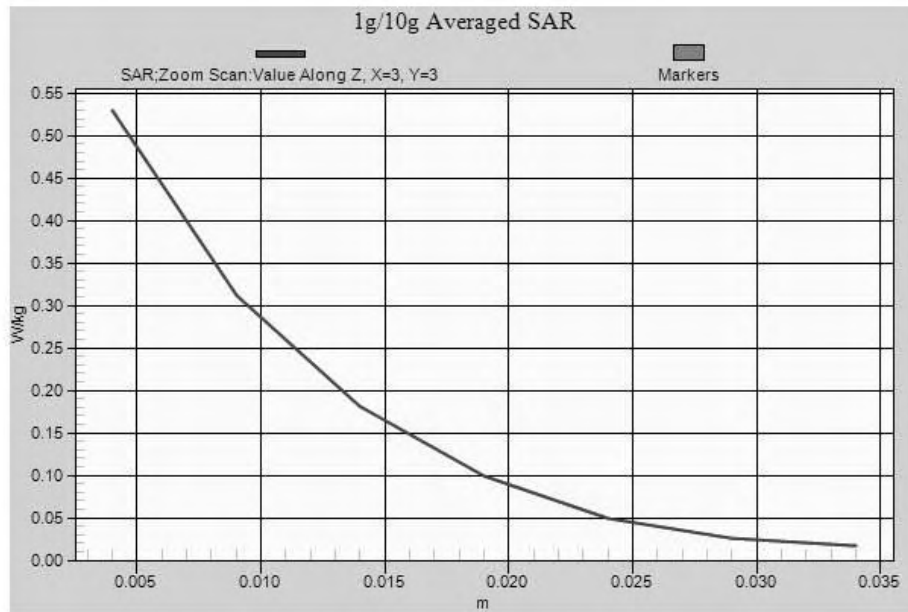


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Test Laboratory: GTA-Beijing

# **GSM1900\_Left head cheek\_DTM\_20140715**

**DUT:** PY7PM-0808

**; Serial:** CB5A1ZTFNY

Communication System: UID 0, GSM1900 GPRS3TX (0); Communication System Band: Exported from older format (data unavailable - please correct).; Frequency: 1880 MHz; Communication System PAR: 4.425 dB; PMF: 1.66437

Medium parameters used:  $f = 1880 \text{ MHz}$ ,  $\sigma = 1.395 \text{ S/m}$ ,  $\epsilon_r = 38.912$ ,  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3843; ConvF(7.33, 7.33, 7.33); Calibrated: 2/21/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn854; Calibrated: 12/16/2013
- Phantom: SAM with CRP v5.0 #1697; Type: QD000P40CD; Serial: TP1697
- DASYS2 52.8.8(1222); SEMCAD X 14.6.10(7331)

## **Configuration/GSM1900\_Mid CH\_Left Cheek\_DTM\_1CS+2PS\_Add zoom**

**scan/Area Scan (101x171x1):** Interpolated grid:  $dx=1.000 \text{ mm}$ ,  $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) = 0.274 W/kg

## **Configuration/GSM1900\_Mid CH\_Left Cheek\_DTM\_1CS+2PS\_Add zoom**

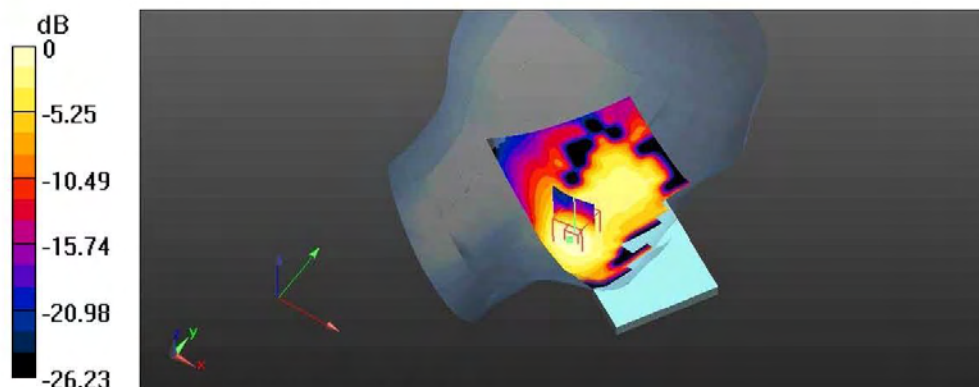
**scan/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 1.261 V/m; Power Drift = 1.43 dB

Peak SAR (extrapolated) = 0.415 W/kg

**SAR(1 g) = 0.245 W/kg; SAR(10 g) = 0.120 W/kg**

Maximum value of SAR (measured) = 0.274 W/kg

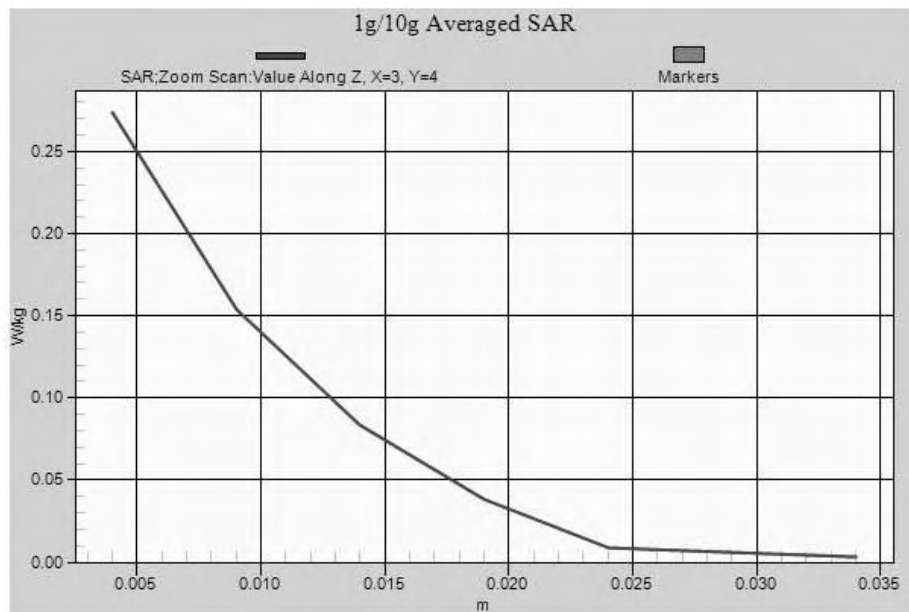


0 dB = 0.274 W/kg = -5.62 dBW/kg

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Test Laboratory: GTA-Beijing

# **UMTS B2\_Body\_15mm\_\_20140718**

**DUT:** PY7PM-0808 ; **Serial:** CB5A1ZTFNY

Communication System: UID 0, UMTS\_band2 (0);

Frequency: 1880 MHz; Communication System

PAR: 0 dB; PMF: 1

Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.501 \text{ S/m}$ ;  $\epsilon_r = 51.002$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3843; ConvF(7.31, 7.31, 7.31); Calibrated: 2/21/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn854; Calibrated: 12/16/2013
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:xxxx
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/UMTS B2\_Mid CH\_Front/Area Scan (101x181x1):** Interpolated grid:

$dx=1.000 \text{ mm}$ ,  $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) = 0.660 W/kg

**Configuration/UMTS B2\_Mid CH\_Front/Zoom Scan (7x7x7)/Cube 0:** Measurement

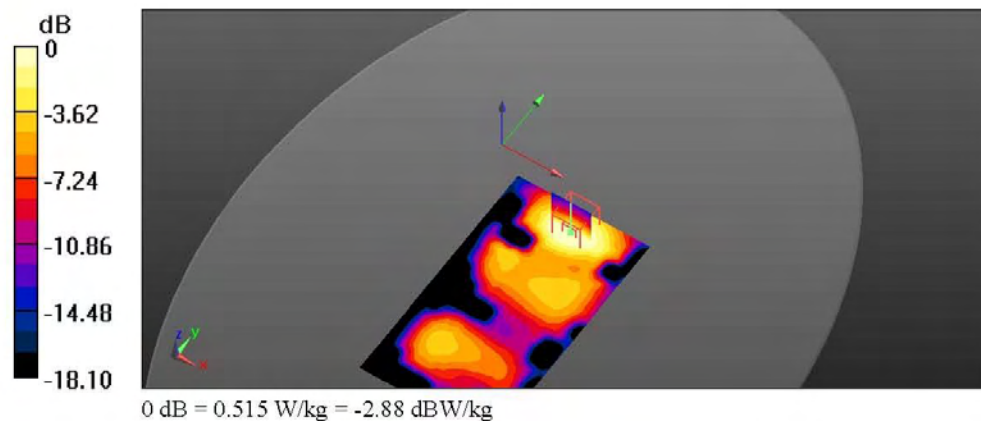
grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 6.025 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.796 W/kg

**SAR(1 g) = 0.468 W/kg; SAR(10 g) = 0.249 W/kg**

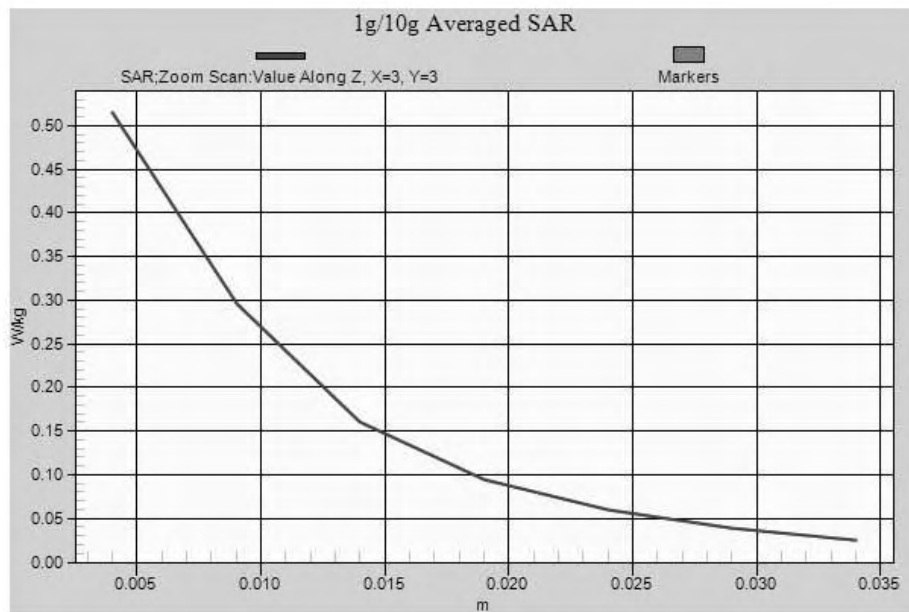
Maximum value of SAR (measured) = 0.515 W/kg



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Test Laboratory: GTA-Beijing

### UMTS B2\_Left head cheek\_20140710

DUT: PY7PM-0808 ; Serial: CB5A1ZTFNY

Communication System: UID 0, UMTS\_band2 (0); Frequency: 1852.4 MHz; Communication System  
PAR: 0 dB; PMF: 1

Medium parameters used (interpolated):  $f = 1852.4$  MHz;  $\sigma = 1.399$  S/m;  $\epsilon_r = 39.21$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3843; ConvF(7.33, 7.33, 7.33); Calibrated: 2/21/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)),  
Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn854; Calibrated: 12/16/2013
- Phantom: SAM with CRP v5.0 #1697; Type: QD000P40CD; Serial: TP1697
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/UMTS B2\_Low CH\_Left Cheek/Area Scan (101x171x1):** Interpolated  
grid:  $dx=1.000$  mm,  $dy=1.000$  mm

Maximum value of SAR (interpolated) = 0.497 W/kg

### Configuration/UMTS B2\_Low CH\_Left Cheek/Zoom Scan (7x7x7)/Cube 0:

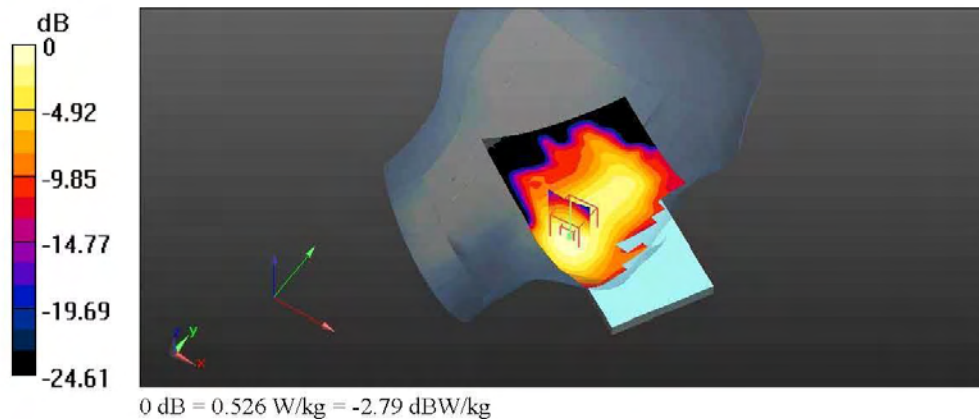
Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 2.512 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.761 W/kg

**SAR(1 g) = 0.482 W/kg; SAR(10 g) = 0.294 W/kg**

Maximum value of SAR (measured) = 0.526 W/kg

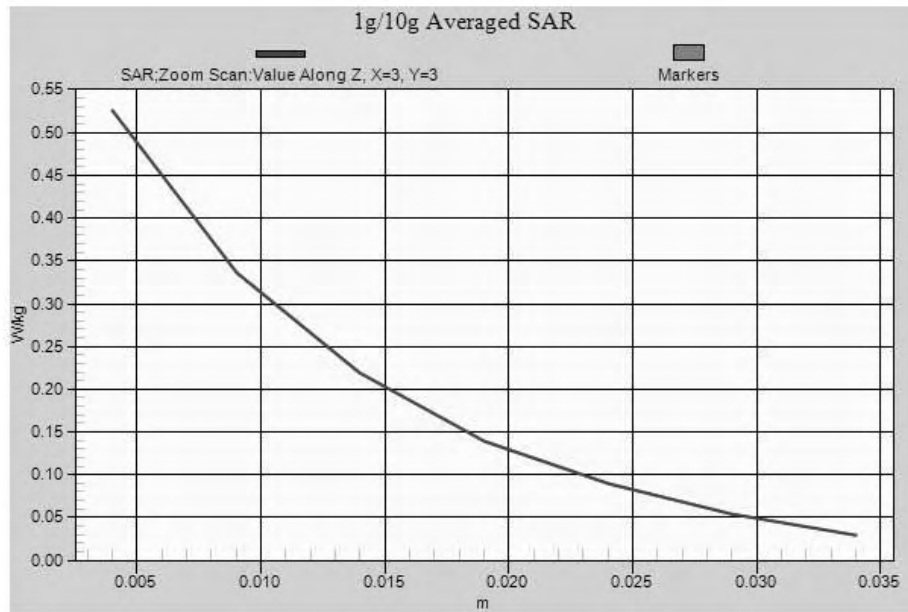


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Test Laboratory: GTA-Beijing

#### UMTS B4\_Body\_10mm\_20140721

DUT: PY7PM-0808 ; Serial: CB5A1ZTFMM

Communication System: UTD 0, UMTS\_band4 (0); Frequency: 1732.6 MHz; Communication System  
PAR: 0 dB; PMF: 1

Medium parameters used:  $f = 1733$  MHz;  $\sigma = 1.425$  S/m;  $\epsilon_r = 54.829$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ES3DV3 - SN3170; ConvF(4.91, 4.91, 4.91); Calibrated: 12/19/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used)),
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 2.0, 32.0$
- Electronics: DAE4 Sn853; Calibrated: 12/16/2013
- Phantom: SAM with CRP v4.0\_1489; Type: QD000P40CC; Serial: TP:1489
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

#### Configuration/UMTS B4\_body\_Mid CH\_Front\_10mm\_Hotspot On/Area Scan

(91x171x1): Interpolated grid:  $dx=1.000$  mm,  $dy=1.000$  mm

Maximum value of SAR (interpolated) = 0.548 W/kg

#### Configuration/UMTS B4\_body\_Mid CH\_Front\_10mm\_Hotspot On/Zoom Scan

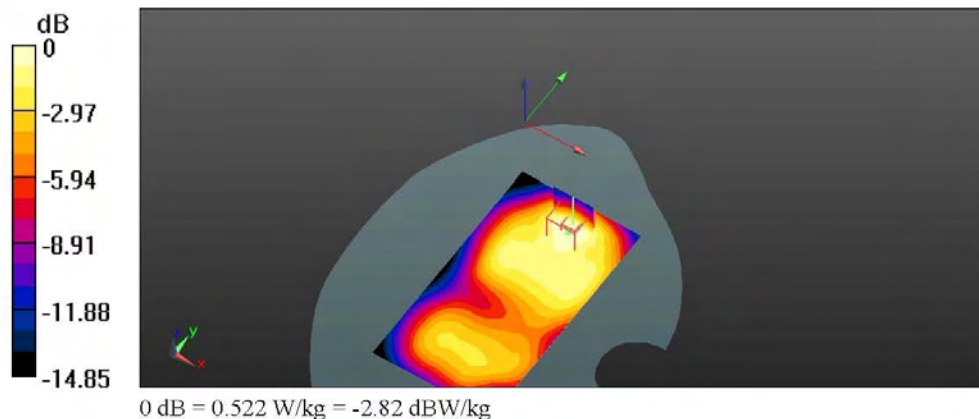
(7x7x7)/Cube 0: Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 9.976 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.730 W/kg

**SAR(1 g) = 0.477 W/kg; SAR(10 g) = 0.288 W/kg**

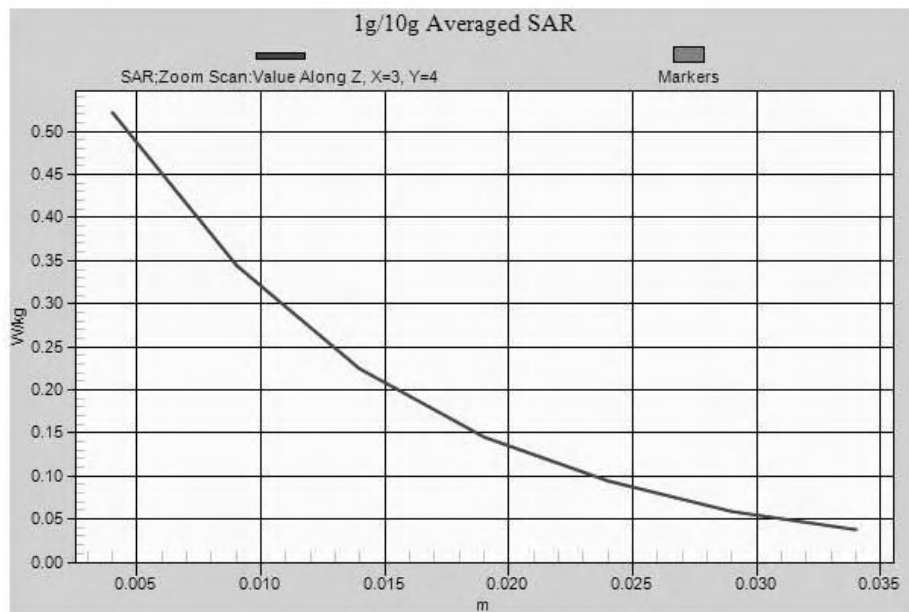
Maximum value of SAR (measured) = 0.522 W/kg



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Test Laboratory: GTA-Beijing

#### UMTS B4\_Left head cheek\_20140718

DUT: PY7PM-0808

; Serial: CB5A1ZTFMM

Communication System: UID 0, UMTS\_band4; Frequency: 1732.6 MHz; Communication System  
PAR: 0 dB; PMF: 1

Medium parameters used:  $f = 1733$  MHz;  $\sigma = 1.34$  S/m;  $\epsilon_r = 40.398$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ES3DV3 - SN3170; ConvF(5.4, 5.4, 5.4); Calibrated: 12/19/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 2.0, 32.0$
- Electronics: DAE4 Sn853; Calibrated: 12/16/2013
- Phantom: SAM with CRP v4.0\_1489; Type: QD000P40CC; Serial: TP:1489
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/UMTS B4\_Left Cheek\_Mid Ch/Area Scan (91x161x1):** Interpolated grid:

$dx=1.000$  mm,  $dy=1.000$  mm

Maximum value of SAR (interpolated) = 0.741 W/kg

**Configuration/UMTS B4\_Left Cheek\_Mid Ch/Zoom Scan (7x7x7)/Cube 0:**

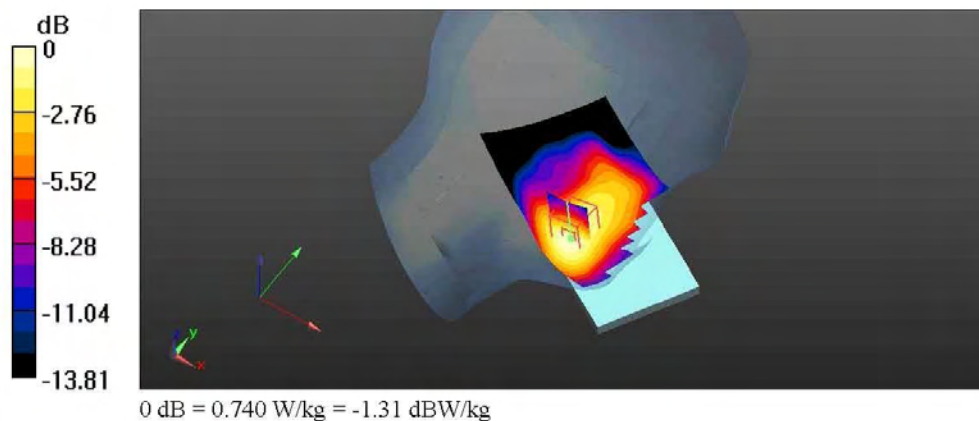
Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 4.617 V/m; Power Drift = 0.23 dB

Peak SAR (extrapolated) = 0.930 W/kg

**SAR(1 g) = 0.647 W/kg; SAR(10 g) = 0.426 W/kg**

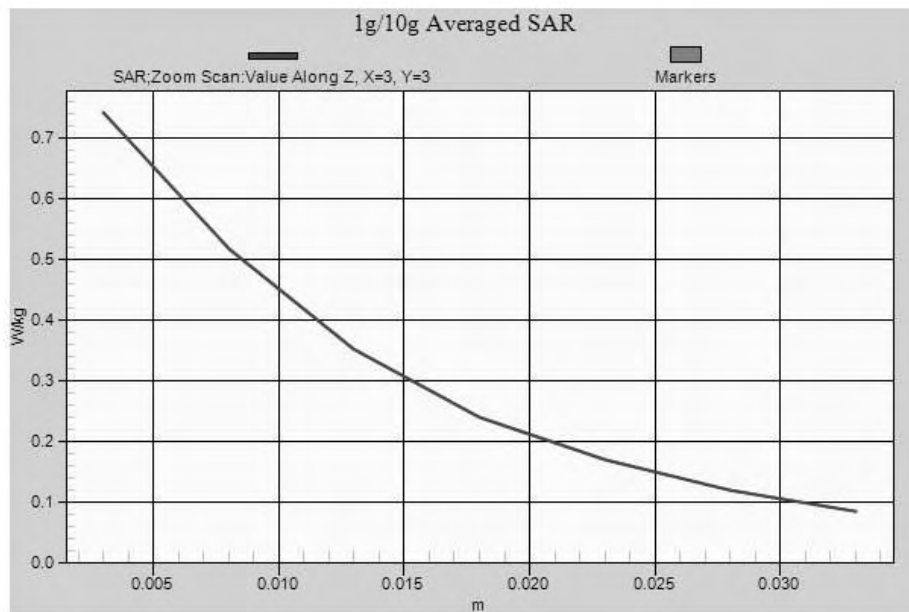
Maximum value of SAR (measured) = 0.740 W/kg



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Test Laboratory: GTA-Beijing

# **UMTS B5\_Body\_10mm\_20140721**

**DUT:** PY7PM-0808 ; **Serial:** CB5A1ZTFMM

Communication System: UTD 0, UMTS\_band5; Frequency: 836.6 MHz; Communication System  
PAR: 0 dB; PMF: 1

Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.986$  S/m;  $\epsilon_r = 53.529$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ES3DV3 - SN3170; ConvF(6.08, 6.08, 6.08); Calibrated: 12/19/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used)),
- Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 2.0, 32.0$
- Electronics: DAE4 Sn853; Calibrated: 12/16/2013
- Phantom: ELI v4.0\_1041; Type: QDOVA001BB; Serial: TP:xxxx
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

## **Configuration/UMTS850\_body\_Mid CH\_Right\_10mm\_Hotspot On/Area Scan**

**(91x171x1):** Interpolated grid:  $dx=1.000$  mm,  $dy=1.000$  mm

Maximum value of SAR (interpolated) = 0.341 W/kg

## **Configuration/UMTS850\_body\_Mid CH\_Right\_10mm\_Hotspot On/Zoom Scan**

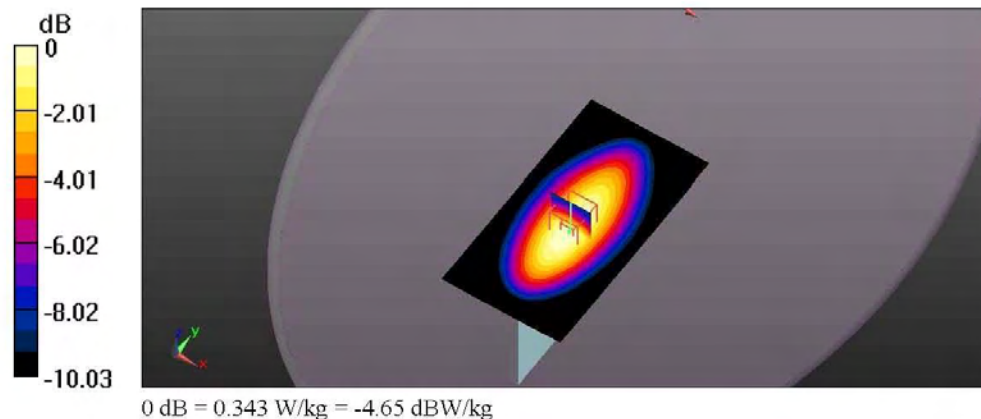
**(7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 8.230 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.431 W/kg

**SAR(1 g) = 0.296 W/kg; SAR(10 g) = 0.198 W/kg**

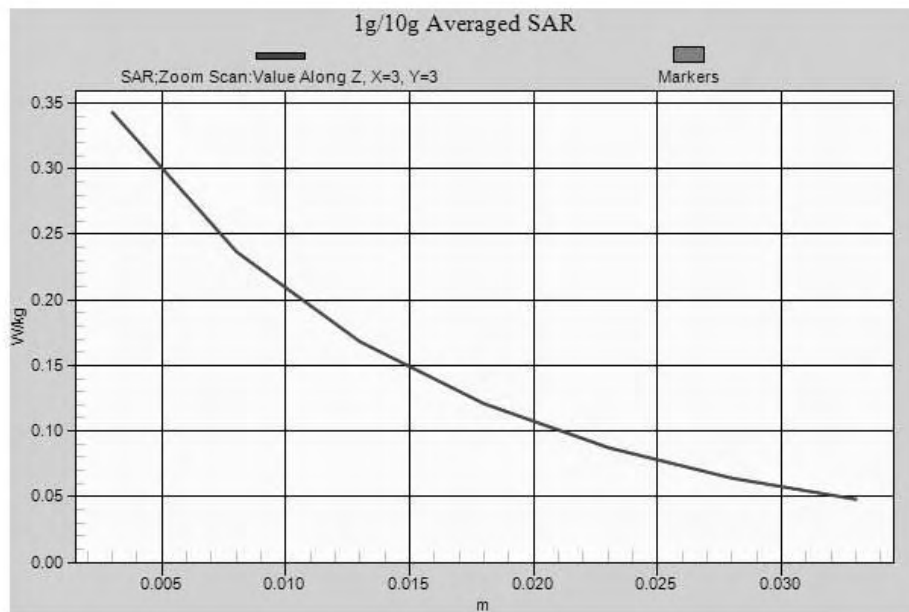
Maximum value of SAR (measured) = 0.343 W/kg



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Test Laboratory: GTA-Beijing

#### UMTS B5\_Left head cheek\_20140710

DUT: PY7PM-0808 ; Serial: CB5A1ZTFMM

Communication System: UID 0, UMTS\_band5; Frequency: 836.6 MHz; Communication System  
PAR: 0 dB; PMF: 1

Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.885$  S/m;  $\epsilon_r = 41.396$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ES3DV3 - SN3170; ConvF(6.39, 6.39, 6.39); Calibrated: 12/19/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 2.0, 32.0$
- Electronics: DAE4 Sn853; Calibrated: 12/16/2013
- Phantom: SAM with CRP v4.0\_1488; Type: QD000P40CC; Serial: TP:1488
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

#### UMTS B5\_Left Head\_Cheek/UMTS B5\_Left Cheek\_Mid Ch/Area Scan (91x161x1):

Interpolated grid:  $dx=1.000$  mm,  $dy=1.000$  mm

Maximum value of SAR (interpolated) = 0.253 W/kg

#### UMTS B5\_Left Head\_Cheek/UMTS B5\_Left Cheek\_Mid Ch/Zoom Scan

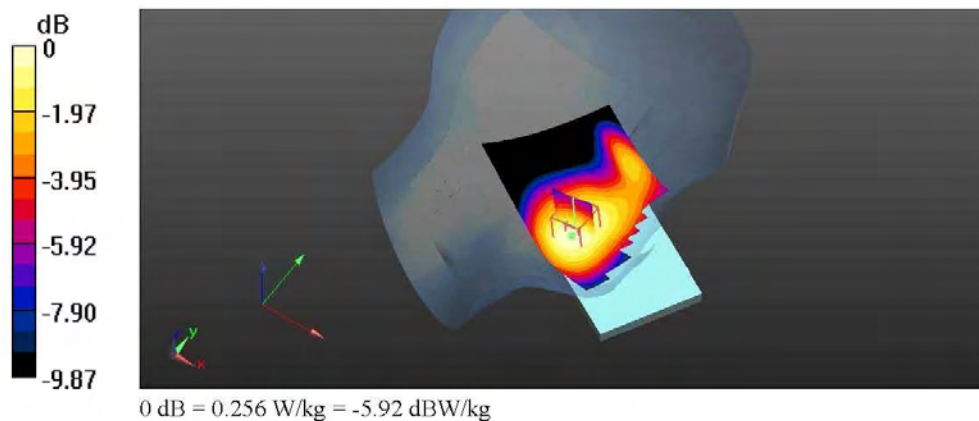
(7x7x7)/Cube 0: Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 2.674 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.300 W/kg

**SAR(1 g) = 0.234 W/kg; SAR(10 g) = 0.174 W/kg**

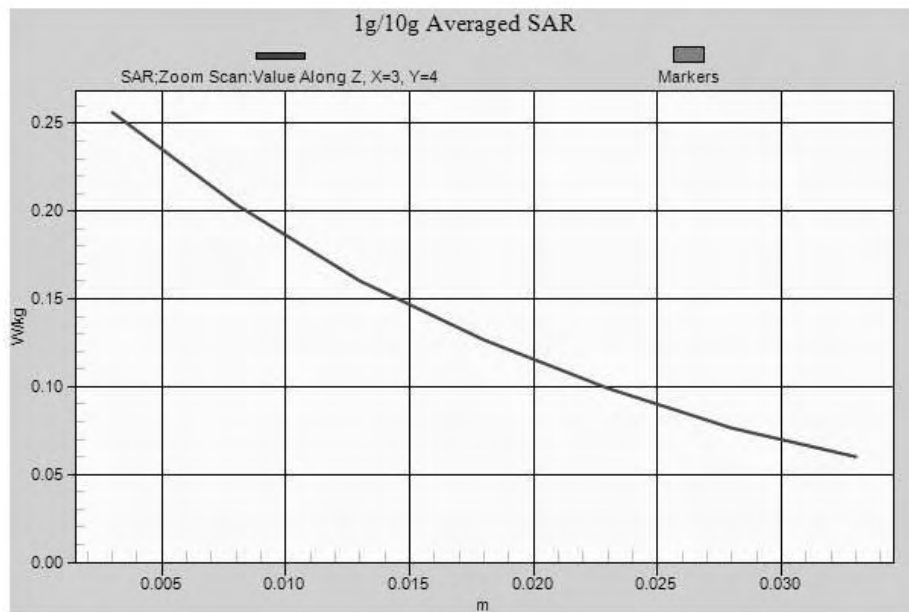
Maximum value of SAR (measured) = 0.256 W/kg



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Test Laboratory: GTA-Beijing

### **LTE B2\_Body\_10mm\_\_20140723**

**DUT:** PY7PM-0808 ; **Serial:** CB5A1ZTFUG

Communication System: UID 0, LTE-FDD(SC-FDMA,1RB,20MHz,QPSK) (0); Communication System Band: Band2,E-UTRA/FDD(1860-1900); Frequency: 1900 MHz;Communication System PAR: 0 dB; PMF: 1

Medium parameters used:  $f = 1900 \text{ MHz}$ ;  $\sigma = 1.549 \text{ S/m}$ ;  $\epsilon_r = 51.51$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ES3DV3 - SN3169; ConvF(4.77, 4.77, 4.77); Calibrated: 12/19/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 2.0, 32.0$
- Electronics: DAE4 Sn854; Calibrated: 12/16/2013
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:xxxx
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

### **Configuration/LTE B2\_High CH\_20M 1RB Low\_Bottom\_Add zoom scan 2/Area**

**Scan (51x131x1):** Interpolated grid:  $dx=1.000 \text{ mm}$ ,  $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) = 0.851 W/kg

### **Configuration/LTE B2\_High CH\_20M 1RB Low\_Bottom\_Add zoom scan 2/Zoom**

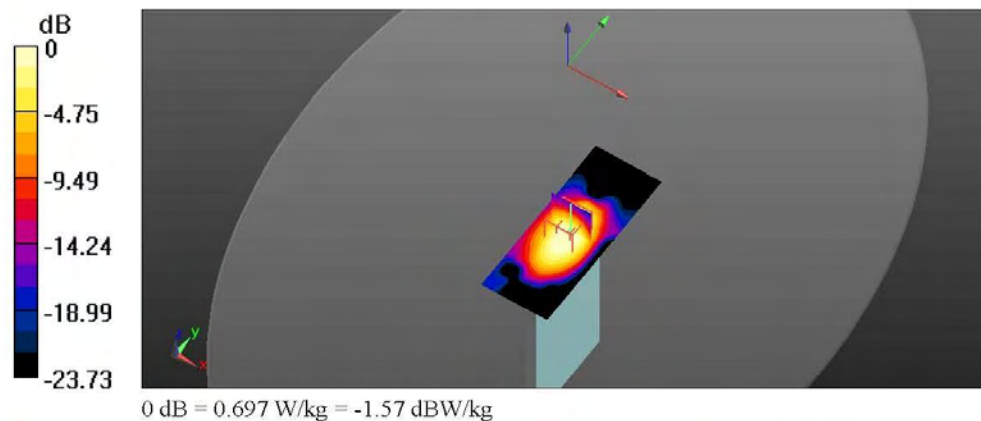
**Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 21.77 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.09 W/kg

**SAR(1 g) = 0.622 W/kg; SAR(10 g) = 0.313 W/kg**

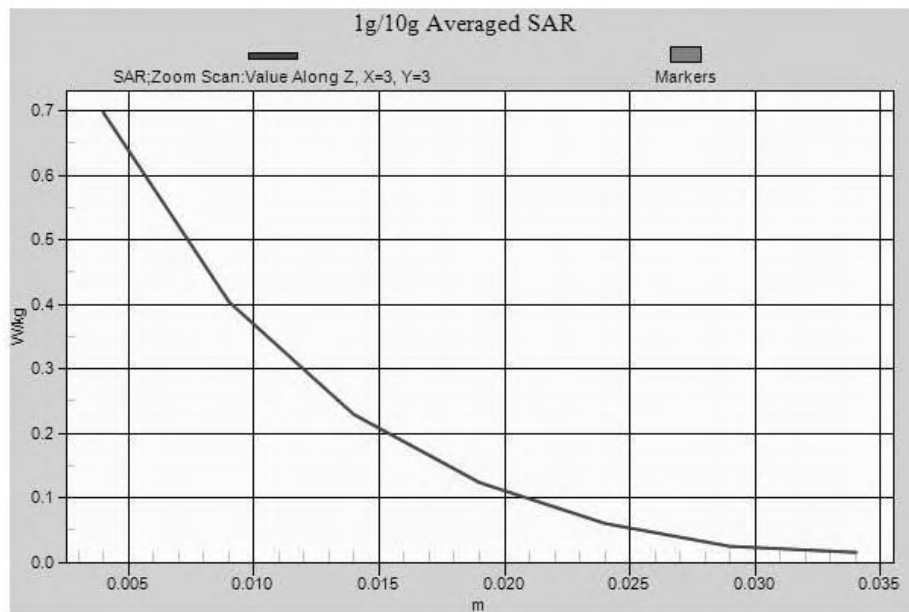
Maximum value of SAR (measured) = 0.697 W/kg



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Test Laboratory: GTA-Beijing

### **LTE B2\_Left head cheek\_20140722**

**DUT:** PY7PM-0808

**; Serial:** CB5A1ZTFUG

Communication System: UID 0, LTE-FDD(SC-FDMA,1RB,20MHz,QPSK) (0); Communication System Band: Band2,E-UTRA/FDD(1860-1900); Frequency: 1900 MHz; Communication System PAR: 0 dB; PMF: 1

Medium parameters used:  $f = 1900 \text{ MHz}$ ,  $\sigma = 1.388 \text{ S/m}$ ;  $\epsilon_r = 39.268$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ES3DV3 - SN3169; ConvF(4.96, 4.96, 4.96); Calibrated: 12/19/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 2.0, 32.0$
- Electronics: DAE4 Sn854; Calibrated: 12/16/2013
- Phantom: SAM with CRP v5.0 #1697; Type: QD000P40CD; Serial: TP1697
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

### **Configuration/LTE2\_High CH\_20M 1RB Low\_Left Cheek\_Add zoom scan/Area**

**Scan (101x171x1):** Interpolated grid:  $dx=1.000 \text{ mm}$ ,  $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) = 0.420 W/kg

### **Configuration/LTE2\_High CH\_20M 1RB Low\_Left Cheek\_Add zoom scan/Zoom**

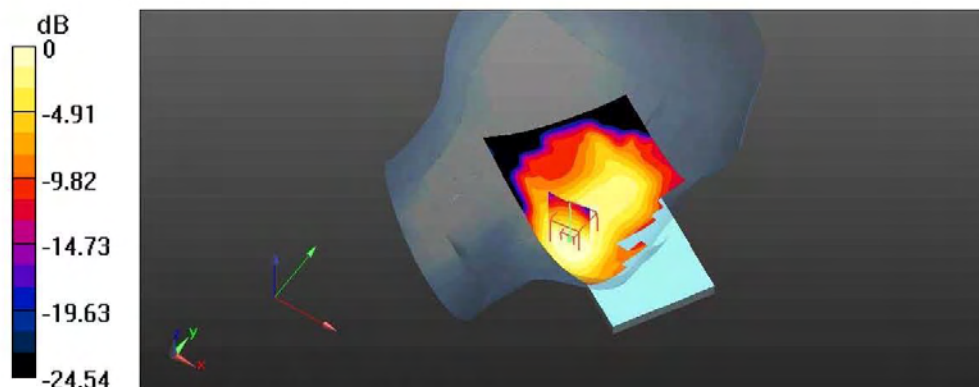
**Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 2.753 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.591 W/kg

**SAR(1 g) = 0.361 W/kg; SAR(10 g) = 0.220 W/kg**

Maximum value of SAR (measured) = 0.394 W/kg



0 dB = 0.394 W/kg = -4.05 dBW/kg

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Test Laboratory: GTA-Beijing

#### LTE B4\_Body\_10mm\_20140724

DUT: PY7PM-0808 ; Serial: CB5A1ZTFMM

Communication System: UID 0, LTE-FDD-HL (SC-FDMA, 1 RB, 20 MHz, QPSK) (0);  
Communication System Band: Band4,FDD 1720-1745MHz; Frequency: 1720 MHz;Communication  
System PAR: 0 dB; PMF: 1

Medium parameters used:  $f = 1720 \text{ MHz}$ ,  $\sigma = 1.405 \text{ S/m}$ ;  $\epsilon_r = 54.751$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ES3DV3 - SN3170; ConvF(4.91, 4.91, 4.91); Calibrated: 12/19/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = -8.0, 32.0$
- Electronics: DAE4 Sn853; Calibrated: 12/16/2013
- Phantom: SAM with CRP v4.0\_1489; Type: QD000P40CC; Serial: TP:1489
- DASYS2 52.8.8(1222); SEMCAD X 14.6.10(7331)

#### Configuration/LTE B4\_body\_1RB\_Low CH\_High offset\_Bottom\_10mm\_Hotspot

On/Area Scan (51x101x1): Interpolated grid:  $dx=1.000 \text{ mm}$ ,  $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) = 0.610 W/kg

#### Configuration/LTE B4\_body\_1RB\_Low CH\_High offset\_Bottom\_10mm\_Hotspot

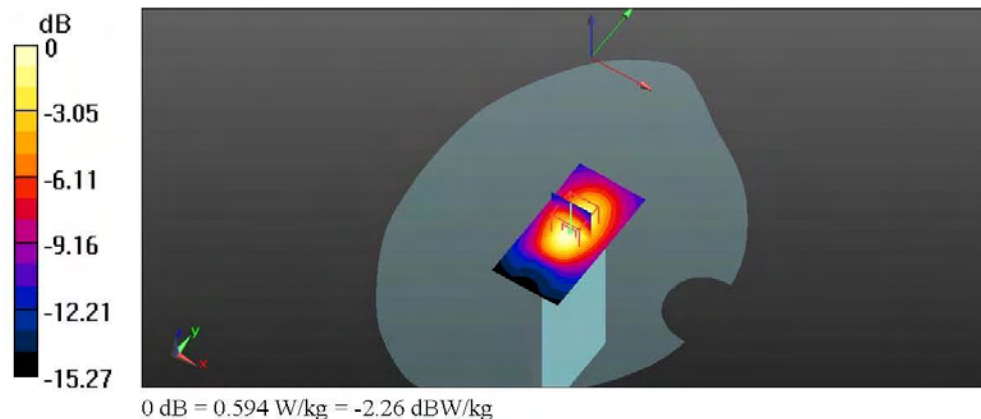
On/Zoom Scan (7x7x7)/Cube 0: Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 21.18 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.786 W/kg

SAR(1 g) = 0.484 W/kg; SAR(10 g) = 0.274 W/kg

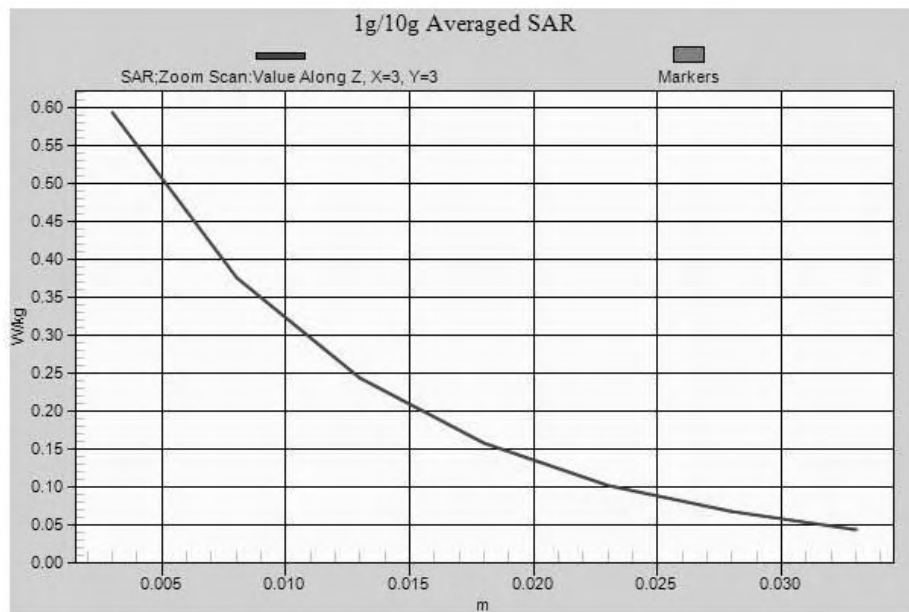
Maximum value of SAR (measured) = 0.594 W/kg



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Date/Time: 7/19/2014 3:21:37 PM

Test Laboratory: GTA-Beijing

#### LTE Band4\_Left\_head\_cheek\_20140719

DUT: PY7PM-0808 ; Serial: CB5A1ZTFMM

Communication System: UID 0, LTE-FDD-HL (SC-FDMA, 1 RB, 20 MHz, QPSK) (0);  
Communication System Band: Band4,FDD 1720-1745MHz; Frequency: 1720 MHz;Communication  
System PAR: 0 dB; PMF: 1  
Medium parameters used:  $f = 1720 \text{ MHz}$ ,  $\sigma = 1.334 \text{ S/m}$ ;  $\epsilon_r = 40.05$ ;  $\rho = 1000 \text{ kg/m}^3$   
Phantom section: Left Section  
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

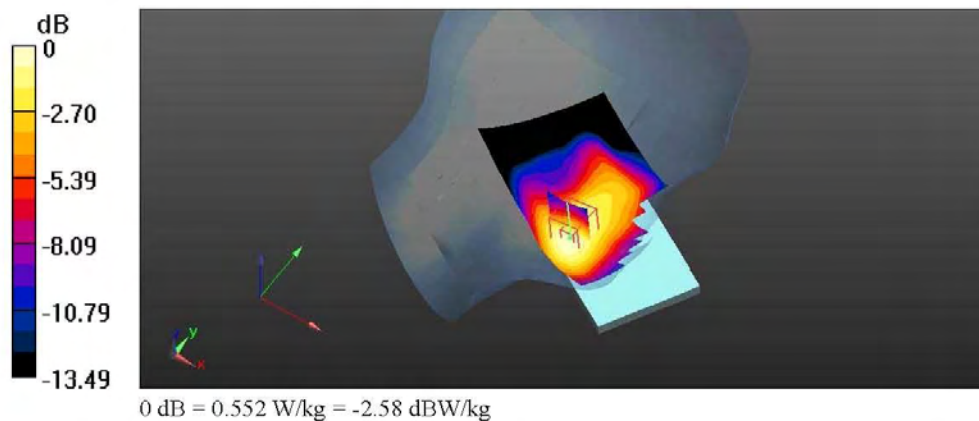
- Probe: ES3DV3 - SN3170; ConvF(5.4, 5.4, 5.4); Calibrated: 12/19/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 2.0, 32.0$
- Electronics: DAE4 Sn853; Calibrated: 12/16/2013
- Phantom: SAM with CRP v4.0\_1489; Type: QD000P40CC; Serial: TP:1489
- DASYS2 52.8.8(1222); SEMCAD X 14.6.10(7331)

#### Configuration/LTE B4\_Left Cheek\_Low CH\_1RB offset Low/Area Scan (91x171x1):

Interpolated grid:  $dx=1.000 \text{ mm}$ ,  $dy=1.000 \text{ mm}$   
Maximum value of SAR (interpolated) =  $0.546 \text{ W/kg}$

#### Configuration/LTE B4\_Left Cheek\_Low CH\_1RB offset Low/Zoom Scan

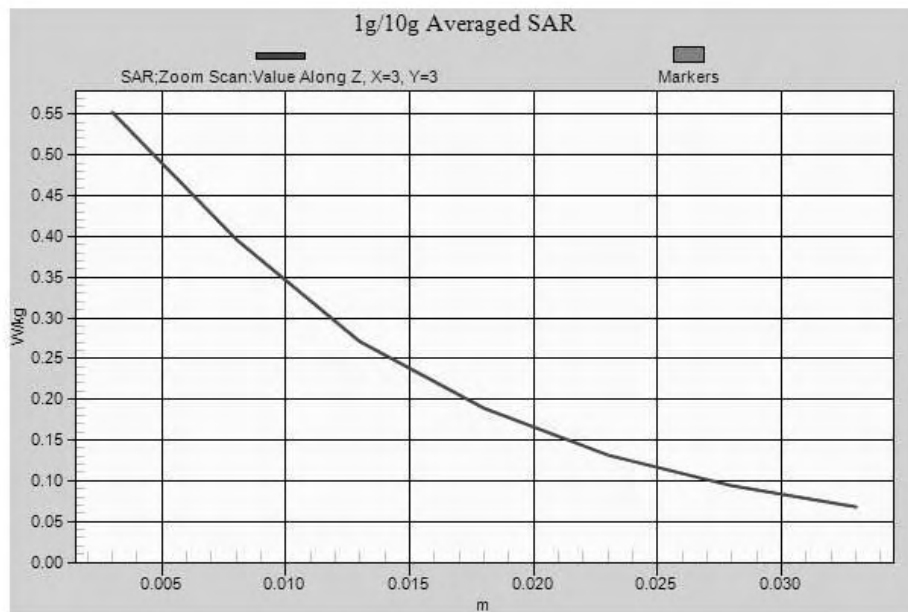
(7x7x7)/Cube 0: Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$   
Reference Value =  $2.789 \text{ V/m}$ ; Power Drift =  $0.56 \text{ dB}$   
Peak SAR (extrapolated) =  $0.681 \text{ W/kg}$   
**SAR(1 g) =  $0.477 \text{ W/kg}$ ; SAR(10 g) =  $0.316 \text{ W/kg}$**   
Maximum value of SAR (measured) =  $0.552 \text{ W/kg}$



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Test Laboratory: GTA-Beijing

### LTE B5\_Body\_10mm\_20140723

DUT: PY7PM-0808 ; Serial: CB5A1ZTFUG

Communication System: UID 0, LTE-FDD(SC-FDMA,1RB,10MHz,QPSK) (0); Communication System Band: Band5:E-UTRA/FDD(824.0-849.0); Frequency: 836.5 MHz; Communication System PAR: 0 dB; PMF: 1

Medium parameters used (interpolated):  $f = 836.5$  MHz;  $\sigma = 0.996$  S/m;  $\epsilon_r = 53.835$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ES3DV3 - SN3170; ConvF(6.08, 6.08, 6.08); Calibrated: 12/19/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 2.0, 32.0$
- Electronics: DAE4 Sn853; Calibrated: 12/16/2013
- Phantom: ELI v4.0 1041; Type: QDOVA001BB; Serial: TP:1041
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

### Configuration/LTE B5\_body\_1RB\_Mid CH\_Right\_Mid offset\_10mm\_Hotspot off/Area Scan (91x171x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.415 W/kg

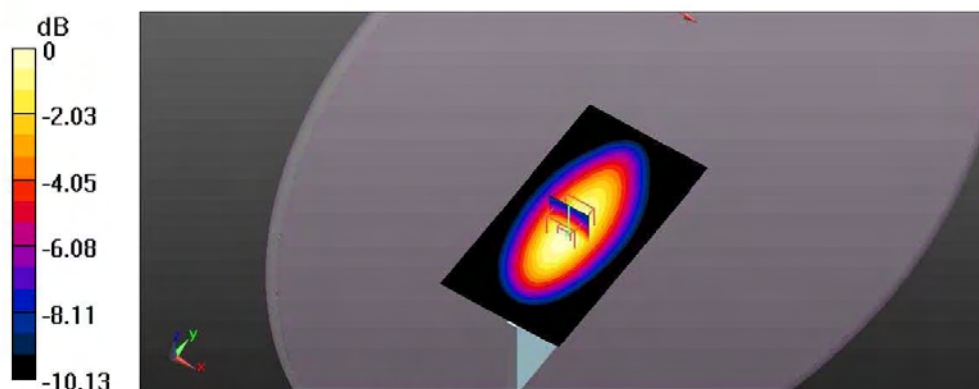
### Configuration/LTE B5\_body\_1RB\_Mid CH\_Right\_Mid offset\_10mm\_Hotspot off/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.200 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.535 W/kg

**SAR(1 g) = 0.366 W/kg; SAR(10 g) = 0.244 W/kg**

Maximum value of SAR (measured) = 0.425 W/kg

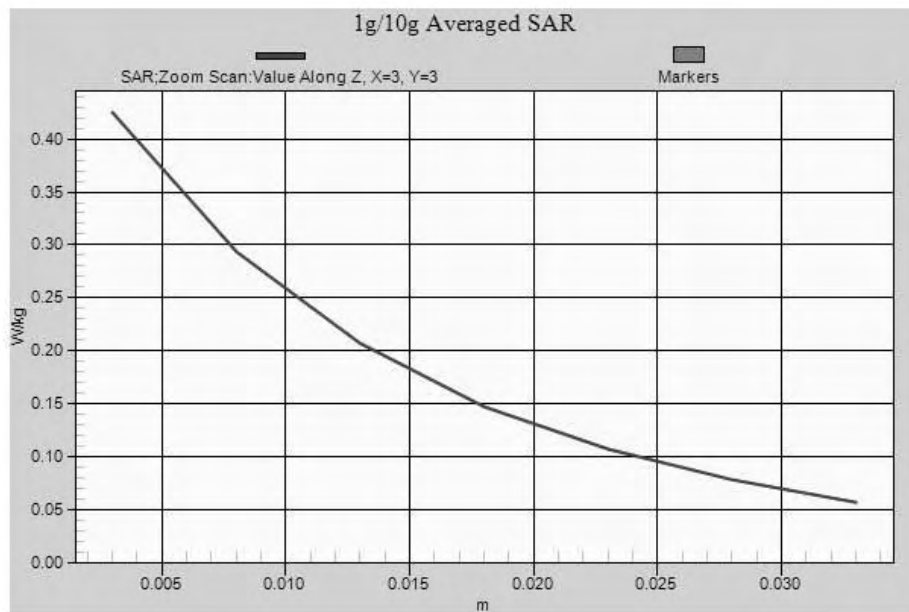


0 dB = 0.425 W/kg = -3.72 dBW/kg

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Test Laboratory: The name of your organization

## **LTE Band5\_Right\_head\_20140722**

**DUT: PM7PM-0808; Serial: CB5A1ZTFMM**

Communication System: UID 0, LTE-FDD(SC-FDMA,50%RB,10MHz,QPSK (0); Communication System Band: Band5:E-UTRA/FDD(824.0-849.0MHz); Frequency: 836.5 MHz;Communication System PAR: 0 dB; PMF: 1

Medium parameters used (interpolated):  $f = 836.5$  MHz;  $\sigma = 0.924$  S/m;  $\epsilon_r = 42.595$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ES3DV3 - SN3170; ConvF(6.39, 6.39, 6.39); Calibrated: 12/19/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 2.0, 32.0$
- Electronics: DAE4 Sn853; Calibrated: 12/16/2013
- Phantom: SAM with CRP v4.0\_1488; Type: QD000P40CC; Serial: TP:1488
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

### **Configuration/LTE B5\_Right Cheek\_Mid CH\_1RB offset Mid/Area Scan**

**(91x171x1):** Interpolated grid:  $dx=1.000$  mm,  $dy=1.000$  mm

Maximum value of SAR (interpolated) = 0.218 W/kg

### **Configuration/LTE B5\_Right Cheek\_Mid CH\_1RB offset Mid/Zoom Scan**

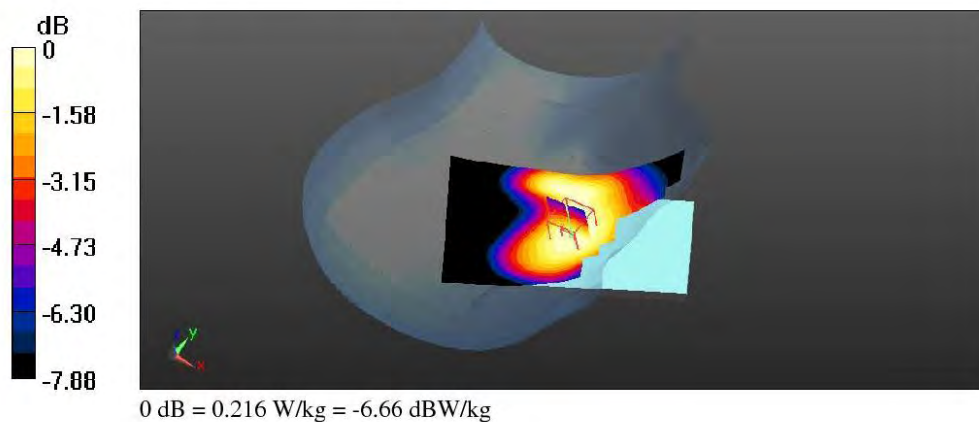
**(7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 3.677 V/m; Power Drift = 0.33 dB

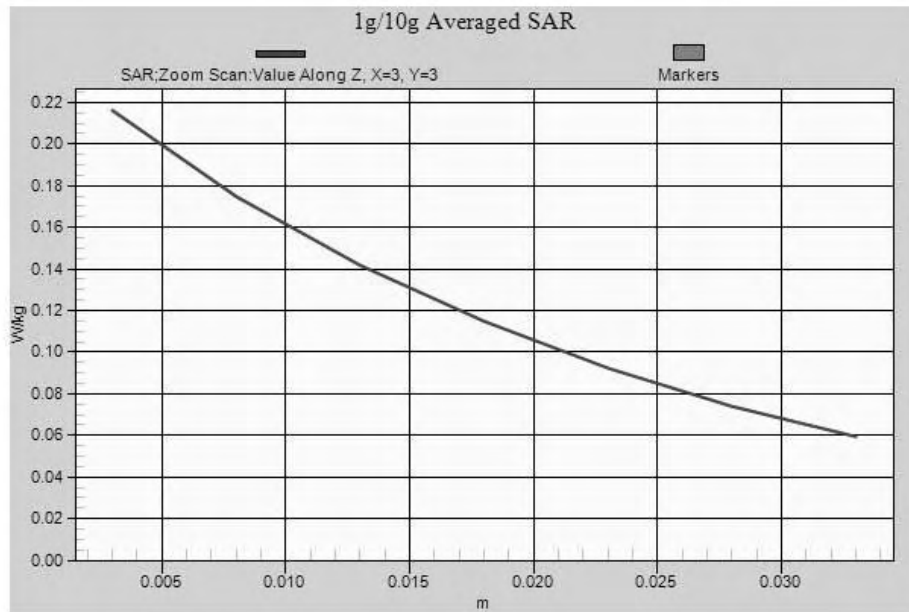
Peak SAR (extrapolated) = 0.249 W/kg

**SAR(1 g) = 0.198 W/kg; SAR(10 g) = 0.153 W/kg**

Maximum value of SAR (measured) = 0.216 W/kg



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Test Laboratory: GTA-Beijing

# **LTE B7\_Body\_10mm\_\_20140729**

**DUT:** PY7PM-0808 ; **Serial:** CB5A1ZTFNY

Communication System: UID 0, LTE-FDD (SC-FDMA,50%RB,20MHz,QPSK) (0); Communication System Band: Band7, E-UTRA/FDD(2500-2570MHz); Frequency: 2510 MHz;Communication System PAR: 0 dB; PMF: 1

Medium parameters used:  $f = 2510 \text{ MHz}$ ,  $\sigma = 2.037 \text{ S/m}$ ;  $\epsilon_r = 50.625$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3843; ConvF(6.27, 6.27, 6.27); Calibrated: 2/21/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1326; Calibrated: 2/14/2014
- Phantom: SAM with CRP v5.0#1696; Type: QD000P40CD; Serial: TP:1696
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

## **Configuration/LTE7\_Low CH\_20M 50%RB High\_Back\_10mm 2/Area Scan**

**(101x181x1):** Interpolated grid:  $dx=1.000 \text{ mm}$ ,  $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) = 0.826 W/kg

## **Configuration/LTE7\_Low CH\_20M 50%RB High\_Back\_10mm 2/Zoom Scan**

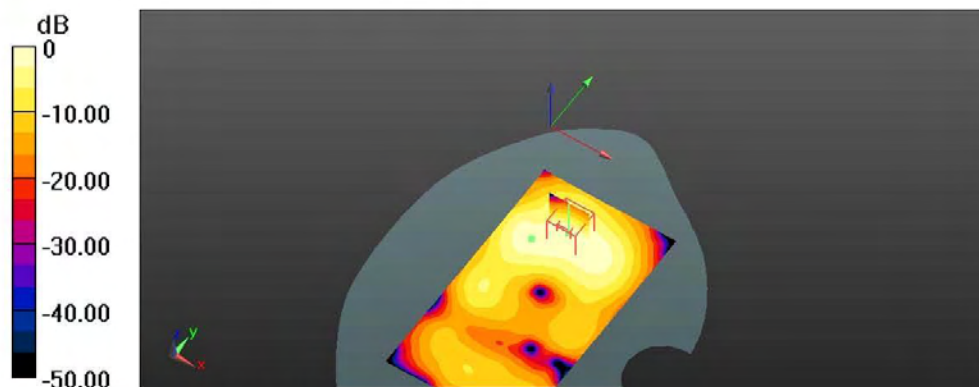
**(7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 2.326 V/m; Power Drift = -0.20 dB

Peak SAR (extrapolated) = 1.17 W/kg

**SAR(1 g) = 0.572 W/kg; SAR(10 g) = 0.284 W/kg**

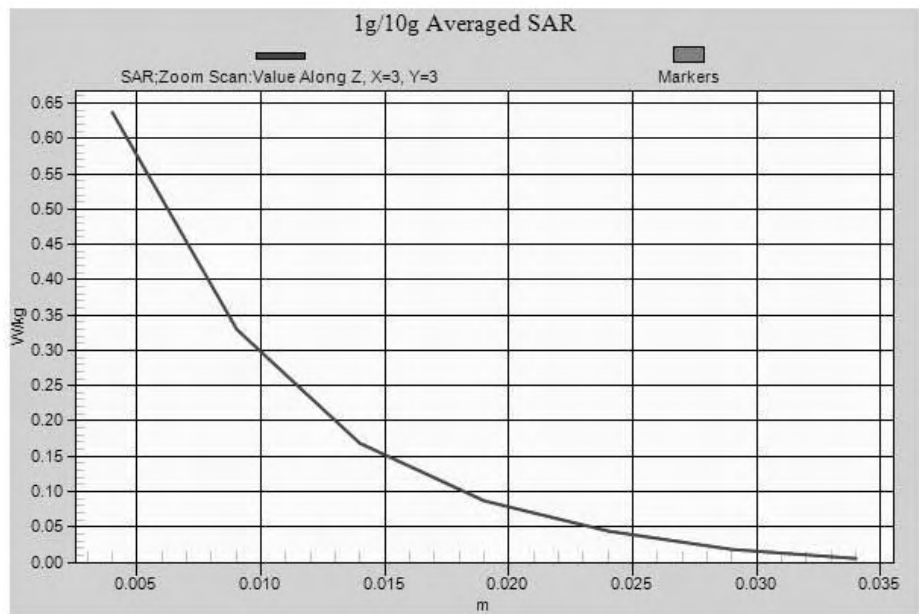
Maximum value of SAR (measured) = 0.637 W/kg



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Date/Time: 7/26/2014 6:16:23 PM

Test Laboratory: GTA-Beijing

### **LTE Band7\_Left\_head cheek\_20140726**

**DUT:** PY7PM-0808 ; **Serial:** CB5A1ZTFMM

Communication System: UID 0, LTE-FDD-HL (SC-FDMA, 1 RB, 20 MHz, QPSK) (0);  
Communication System Band: Band 7,FDD 2502.5-2567.5MHz; Frequency: 2560  
MHz;Communication System PAR: 0 dB; PMF: 1  
Medium parameters used:  $f = 2560$  MHz;  $\sigma = 2.01$  S/m;  $\epsilon_r = 38.86$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Left Section  
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ES3DV3 - SN3169; ConvF(4.26, 4.26, 4.26); Calibrated: 12/19/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 2.0, 32.0$
- Electronics: DAE4 Sn853; Calibrated: 12/16/2013
- Phantom: SAM with CRP v4.0\_1489; Type: QD000P40CC; Serial: TP:1489
- DASYS2 52.8.8(1222); SEMCAD X 14.6.10(7331)

### **Configuration/LTE B7\_Left Cheek\_High CH\_1RB offset High/Area Scan**

**(91x171x1):** Interpolated grid:  $dx=1.000$  mm,  $dy=1.000$  mm  
Maximum value of SAR (interpolated) = 0.498 W/kg

### **Configuration/LTE B7\_Left Cheek\_High CH\_1RB offset High/Zoom Scan**

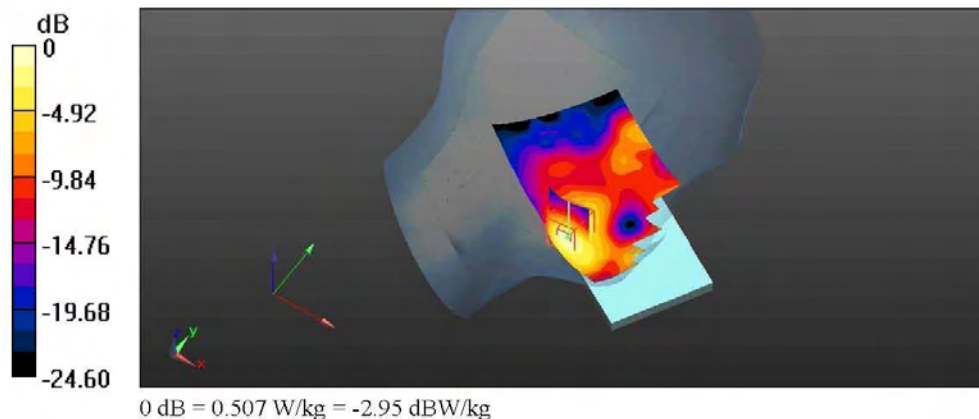
**(7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 2.098 V/m; Power Drift = 0.48 dB

Peak SAR (extrapolated) = 0.857 W/kg

**SAR(1 g) = 0.372 W/kg; SAR(10 g) = 0.165 W/kg**

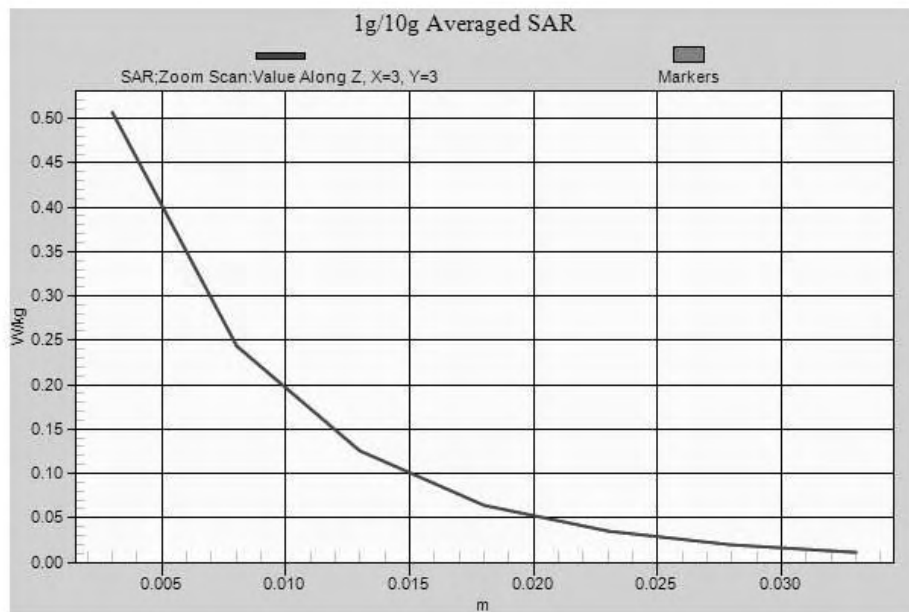
Maximum value of SAR (measured) = 0.507 W/kg



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Test Laboratory: GTA-Beijing

# **LTE B17\_Body\_10mm\_20140725**

**DUT:** PY7PM-0808

**; Serial:** CB5A1ZTFMM

Communication System: UID 0, LTE-FDD(SC-FDMA,1RB,10MHz,QPSK) (0); Communication System Band: Band17→ 706.0-715.0 ; Frequency: 710 MHz;Communication System PAR: 0 dB; PMF: 1

Medium parameters used:  $f = 710 \text{ MHz}$ ;  $\sigma = 0.922 \text{ S/m}$ ;  $\epsilon_r = 57$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ES3DV3 - SN3169; ConvF(6.07, 6.07, 6.07); Calibrated: 12/19/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 2.0, 32.0$
- Electronics: DAE4 Sn853; Calibrated: 12/16/2013
- Phantom: SAM with CRP v4.0\_1489; Type: QD000P40CC; Serial: TP:1489
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

## **Configuration/LTE B17\_body\_1RB\_Mid CH\_Low offset\_Back\_10mm\_Hotspot**

**Off/Area Scan (91x171x1):** Interpolated grid:  $dx=1.000 \text{ mm}$ ,  $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) = 0.370 W/kg

## **Configuration/LTE B17\_body\_1RB\_Mid CH\_Low offset\_Back\_10mm\_Hotspot**

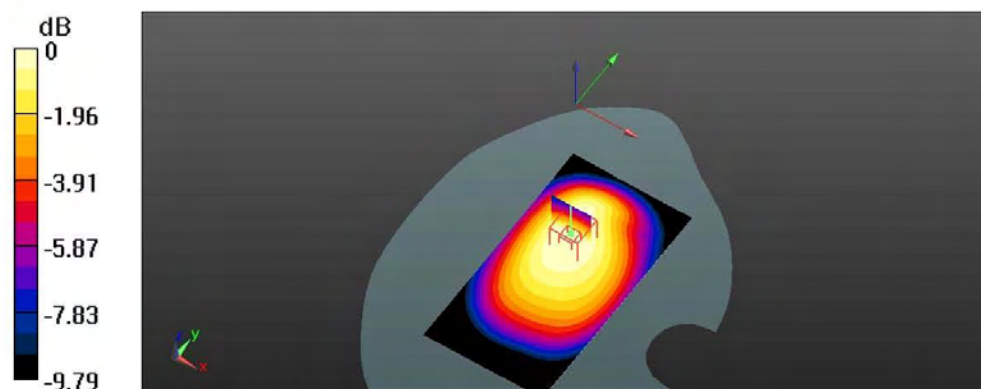
**Off/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 18.13 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.444 W/kg

**SAR(1 g) = 0.331 W/kg; SAR(10 g) = 0.250 W/kg**

Maximum value of SAR (measured) = 0.367 W/kg



0 dB = 0.367 W/kg = -4.35 dBW/kg

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