

SONY	Sony Mobile Communications (China) Co., Ltd. Test Laboratory	Report No.: TARC-PY7PM-0808- SAR-FCC-01	
	PY7PM-0808 SAR FCC Test Report	Edition 2	Revision 0

Date/Time: 7/28/2014 5:01:31 PM

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/m³

Phantom section: Flat Section

Measurement Standard: DASYS (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
- DASYS2 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

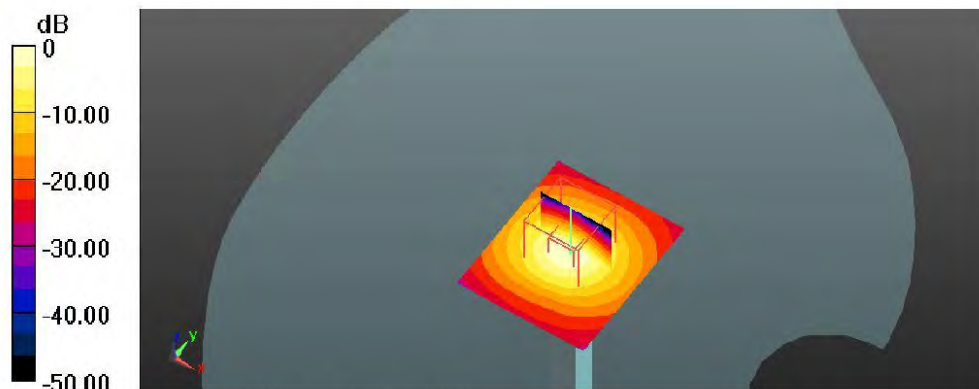
(7x7x7) (8x8x12)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

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



0 dB = 46.1 W/kg = 16.64 dBW/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: $f = 5800 \text{ MHz}$; $\sigma = 6.226 \text{ S/m}$; $\epsilon_r = 48.607$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASYS (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
- DASYS2 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: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$

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

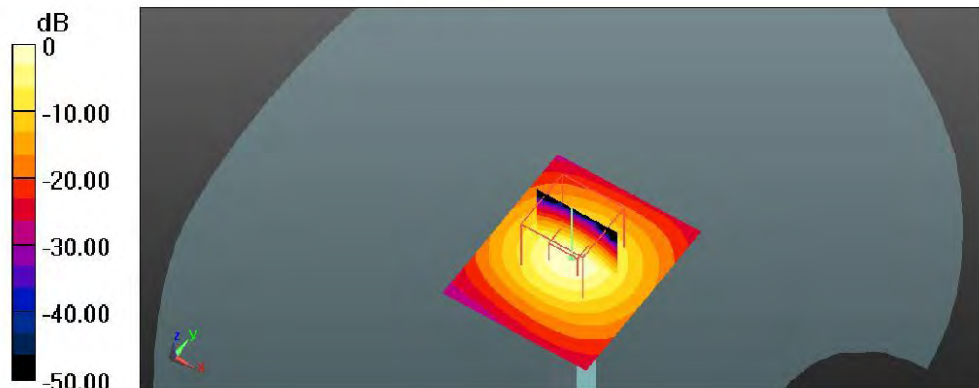
(7x7x7) (8x8x12)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

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/m³
 Phantom section: Right Section
 Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

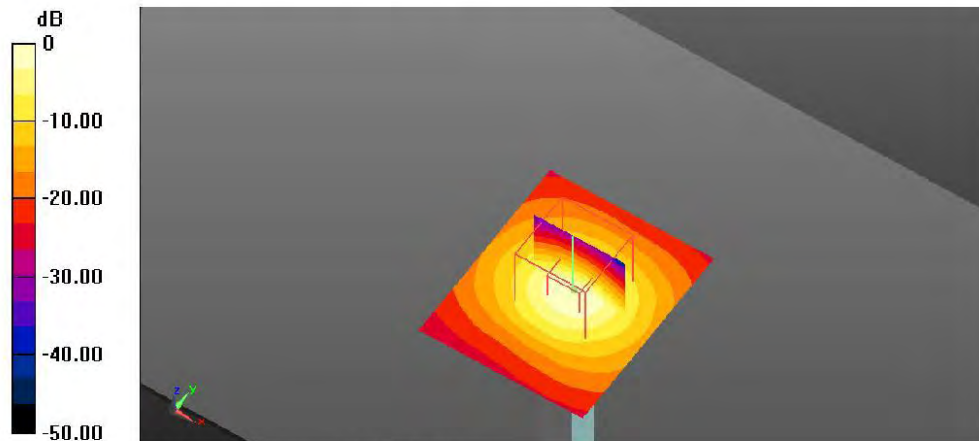
- Probe: EX3DV4 - SN3642; ConvF(4.1, 4.1, 4.1); Calibrated: 12/20/2013;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1326; Calibrated: 2/14/2014
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: xxxx
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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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Date/Time: 7/24/2014 10:02:35 AM

Test Laboratory: GTA-Beijing

GSM850_Body_15mm&10mm_20140723

DUT: PY7PM-0808 ; Serial: CB5A1ZTFMM

Communication System: ULD 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
- DASYS2 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

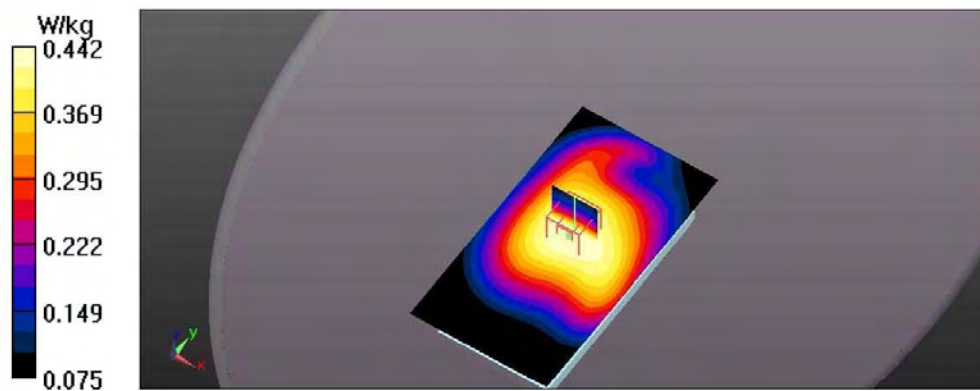
(7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

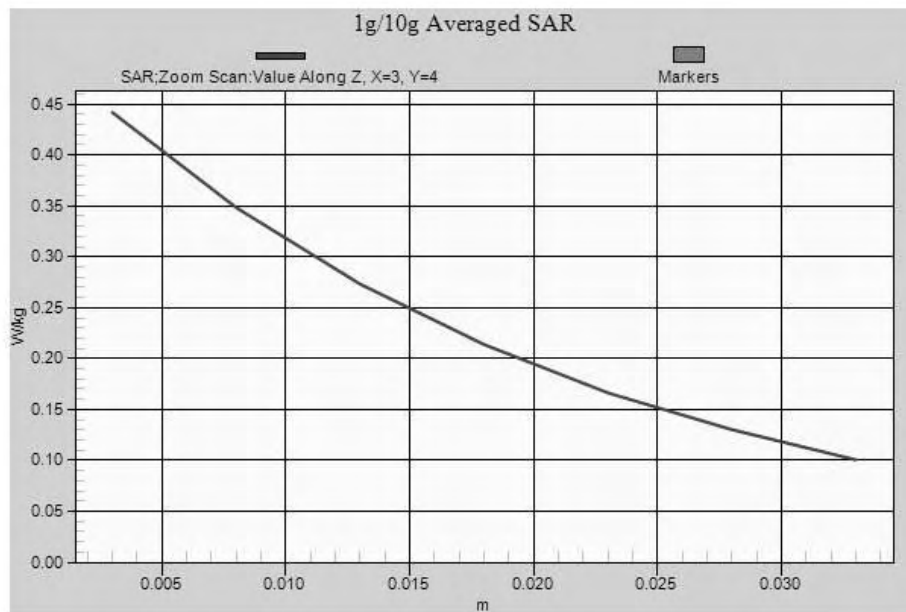
Reference Value = 14.78 V/m; Power Drift = 0.01 dB

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/m³

Phantom section: Left Section

Measurement Standard: DASYS (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
- DASYS2 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

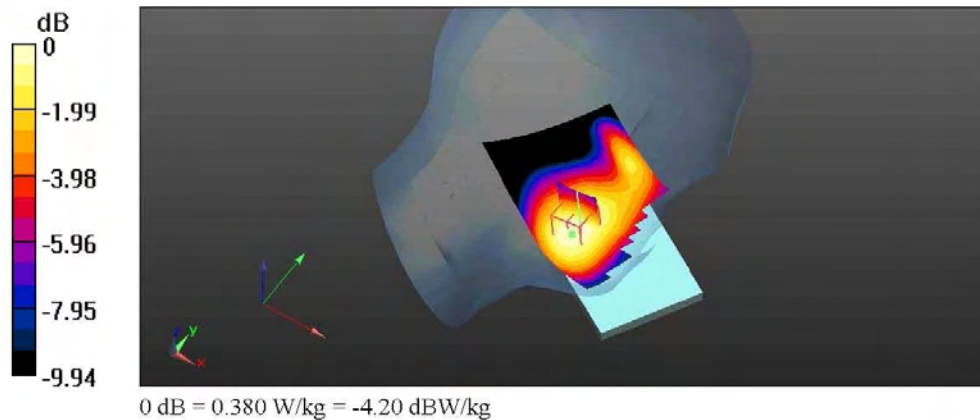
(7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

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 MHz, $\sigma = 1.466$ S/m; $\epsilon_r = 51.31$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

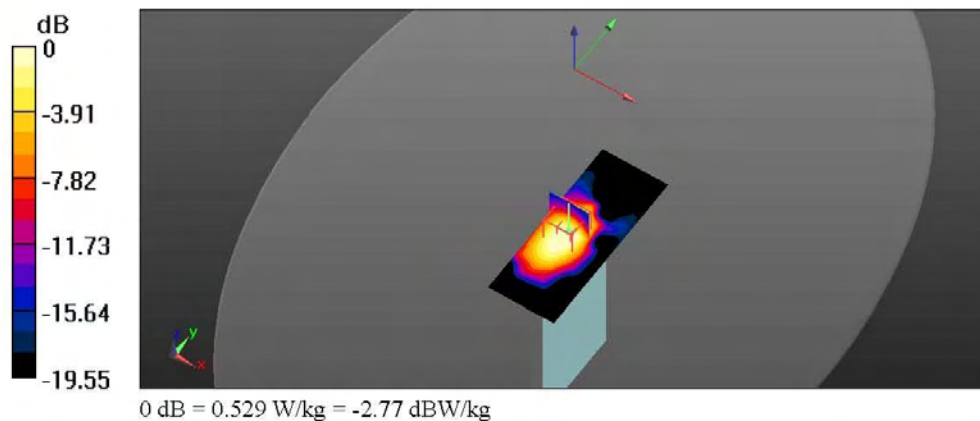
DASY Configuration:

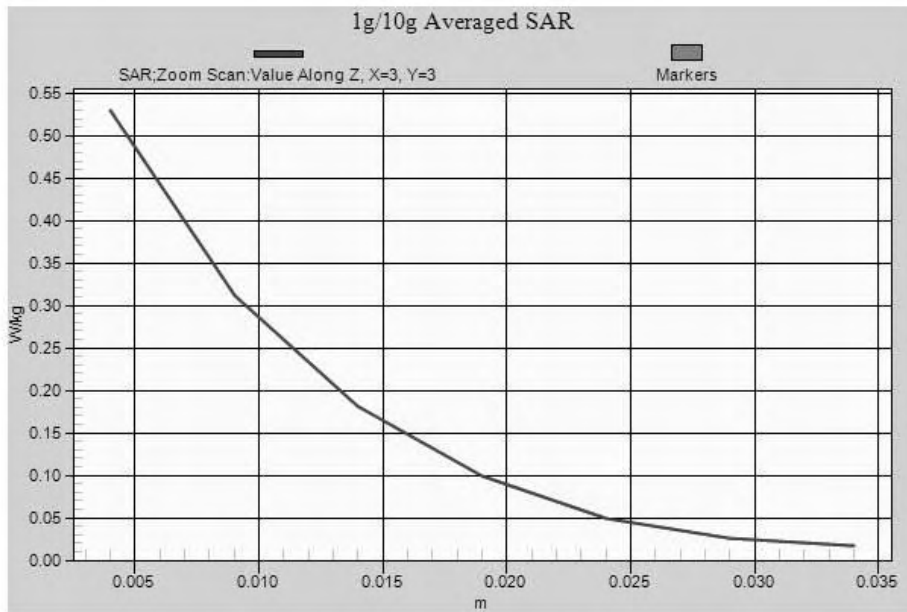
- Probe: ES3DV3 - SN3169; ConvF(4.77, 4.77, 4.77); Calibrated: 12/19/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn854; Calibrated: 12/16/2013
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:xxxx
- DASYS52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/GSM1900_4TS_Mid CH_Bottom/Area Scan (51x131x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.626 W/kg

Configuration/GSM1900_4TS_Mid CH_Bottom/Zoom Scan (7x7x7)/Cube 0:

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

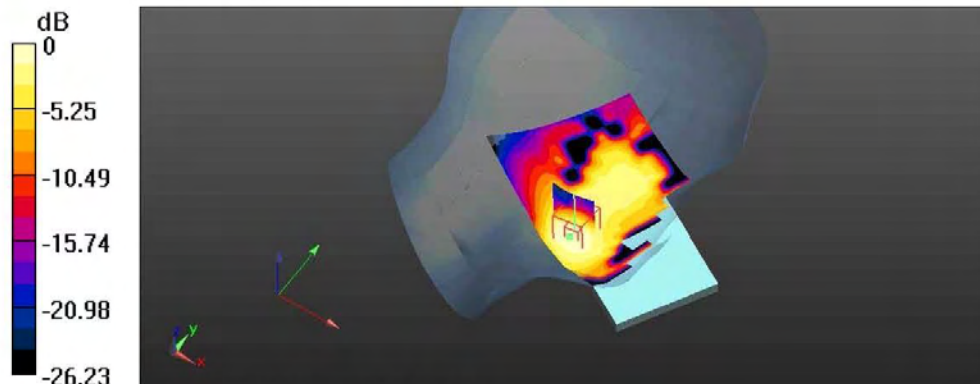
Configuration/GSM1900_Mid CH_Left Cheek_DTM_1CS+2PS_Add zoom scan/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

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

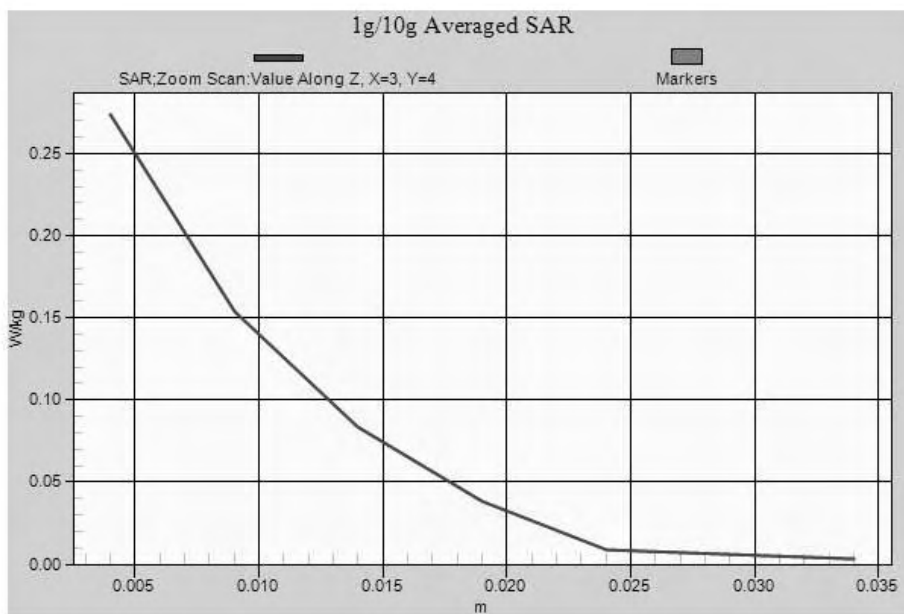
Peak SAR (extrapolated) = 0.415 W/kg

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

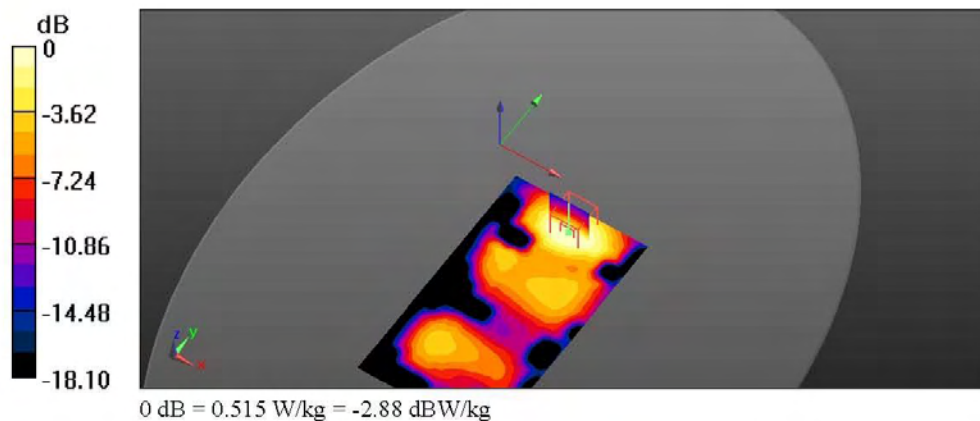
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

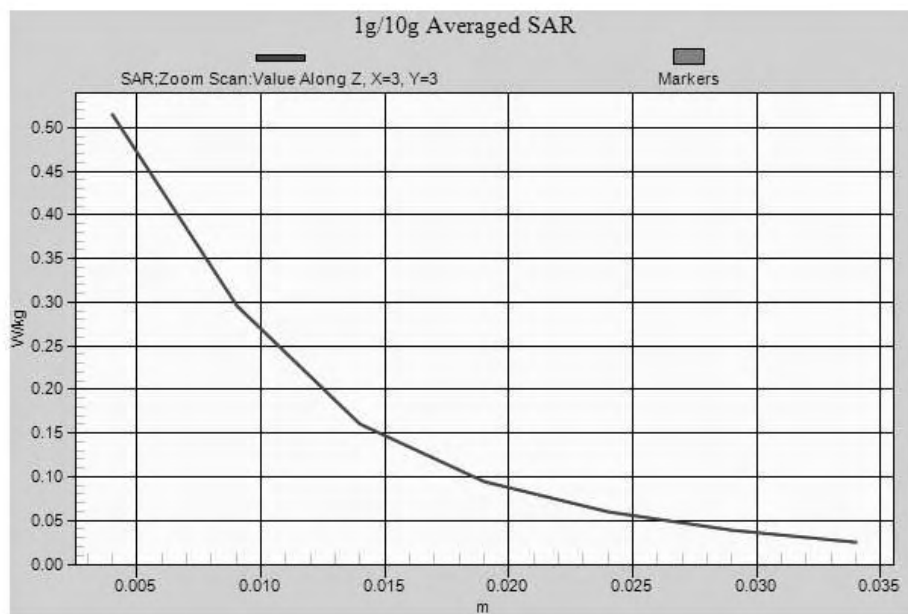
DASY Configuration:

- 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/m³

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/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:

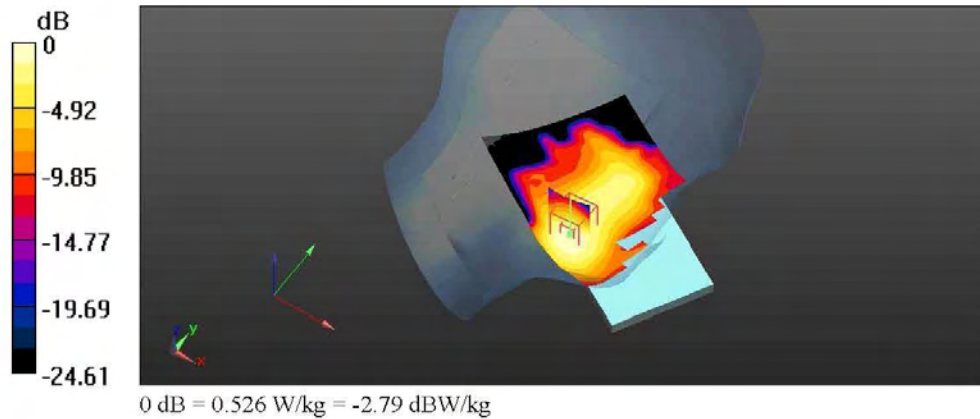
Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

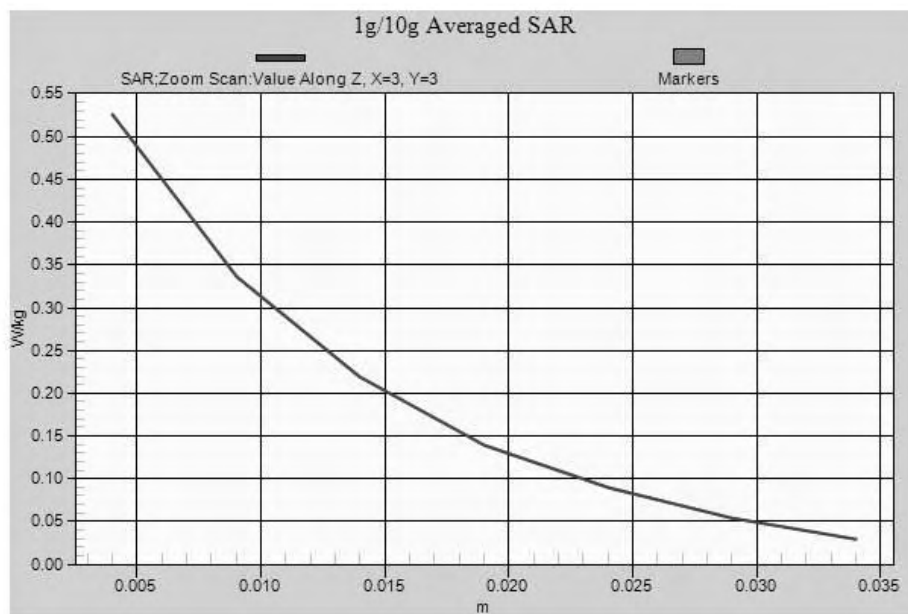
Reference Value = 2.512 V/m; Power Drift = 0.05 dB

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: UID 0, UMTS_band4 (0); Frequency: 1732.6 MHz; Communication System
PAR: 0 dB; PMF: 1

Medium parameters used: $f = 1733 \text{ MHz}$; $\sigma = 1.425 \text{ S/m}$; $\epsilon_r = 54.829$; $\rho = 1000 \text{ kg/m}^3$

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 (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
- DASYS2 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: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$

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

Configuration/UMTS B4_body_Mid CH_Front_10mm_Hotspot On/Zoom Scan

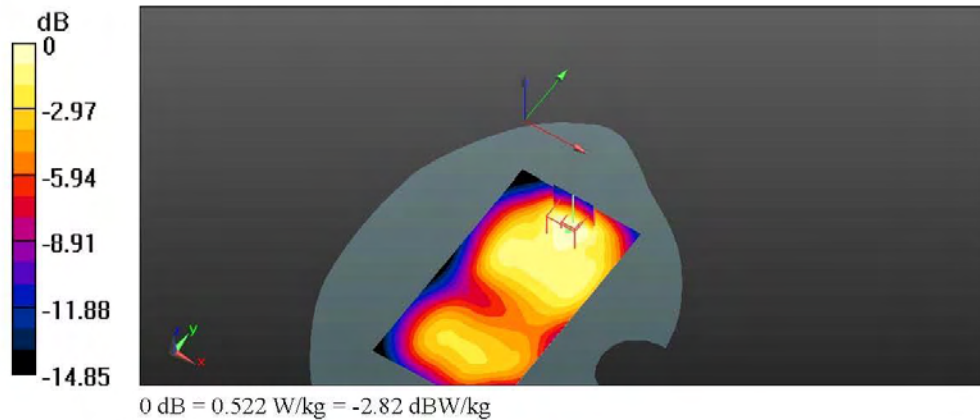
(7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

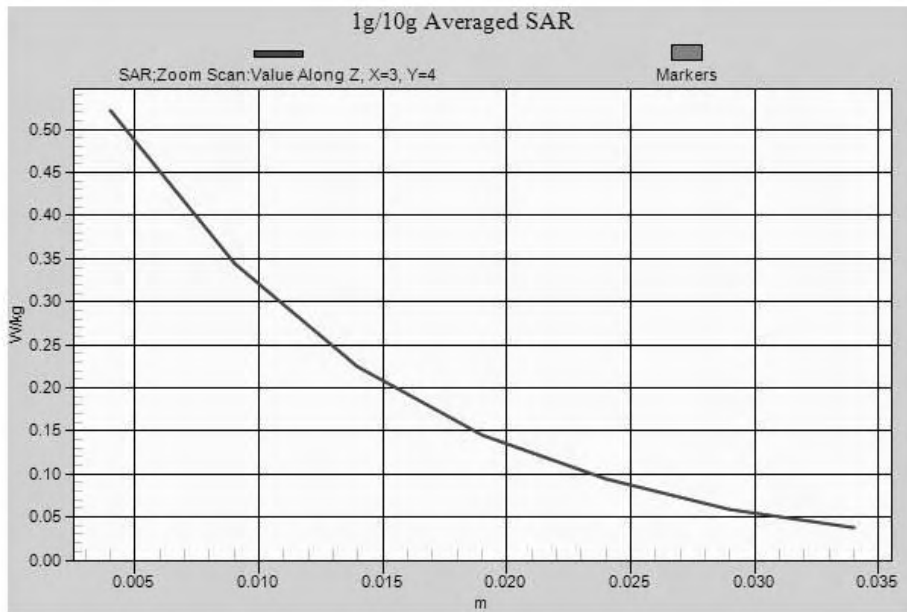
Reference Value = 9.976 V/m; Power Drift = -0.18 dB

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/m³

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/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:

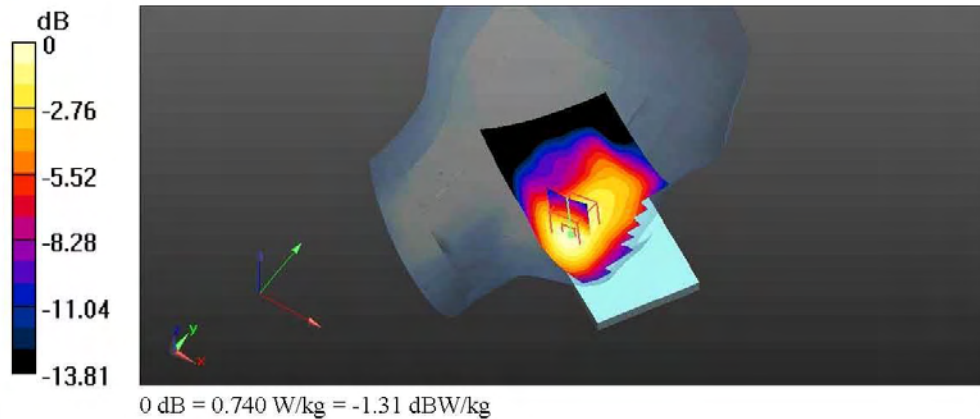
Measurement grid: dx=5mm, dy=5mm, dz=5mm

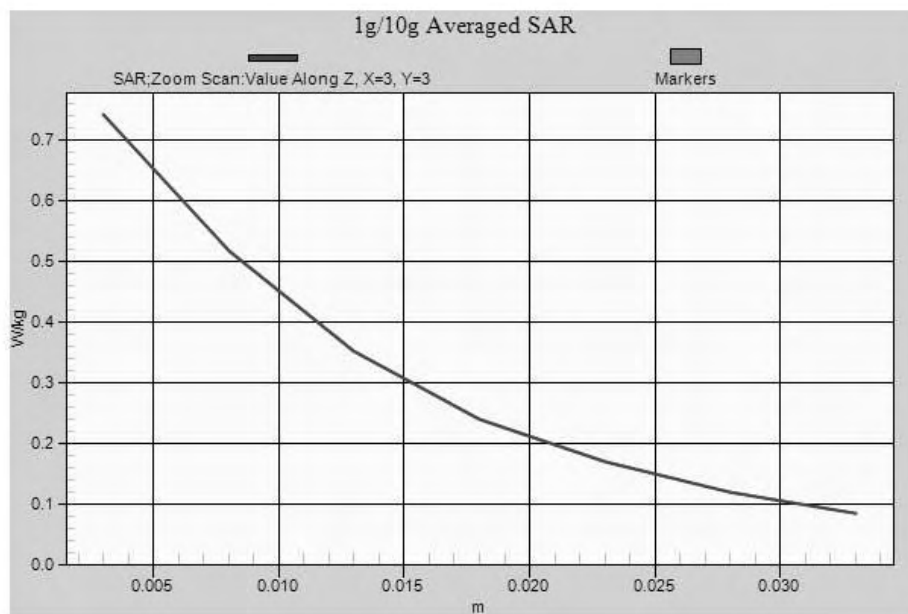
Reference Value = 4.617 V/m; Power Drift = 0.23 dB

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: $f = 837 \text{ MHz}$; $\sigma = 0.986 \text{ S/m}$; $\epsilon_r = 53.529$; $\rho = 1000 \text{ kg/m}^3$

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
- DASYS2 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/UMTS850_body_Mid CH_Right_10mm_Hotspot On/Area Scan

(91x171x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$

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

Configuration/UMTS850_body_Mid CH_Right_10mm_Hotspot On/Zoom Scan

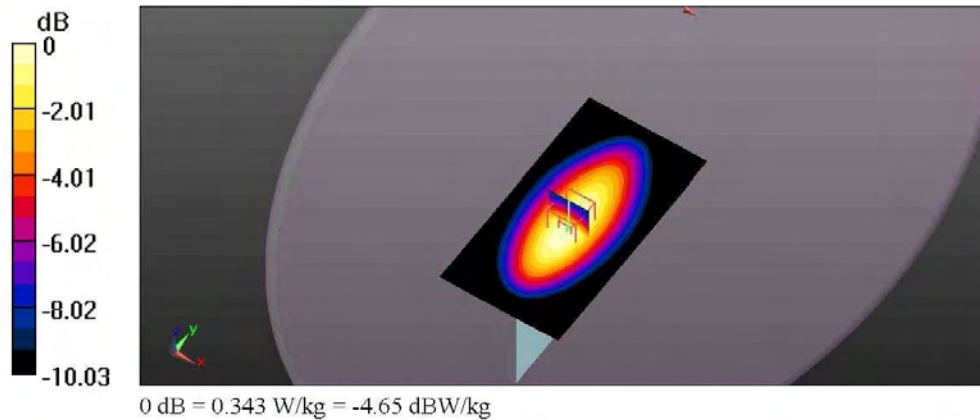
(7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

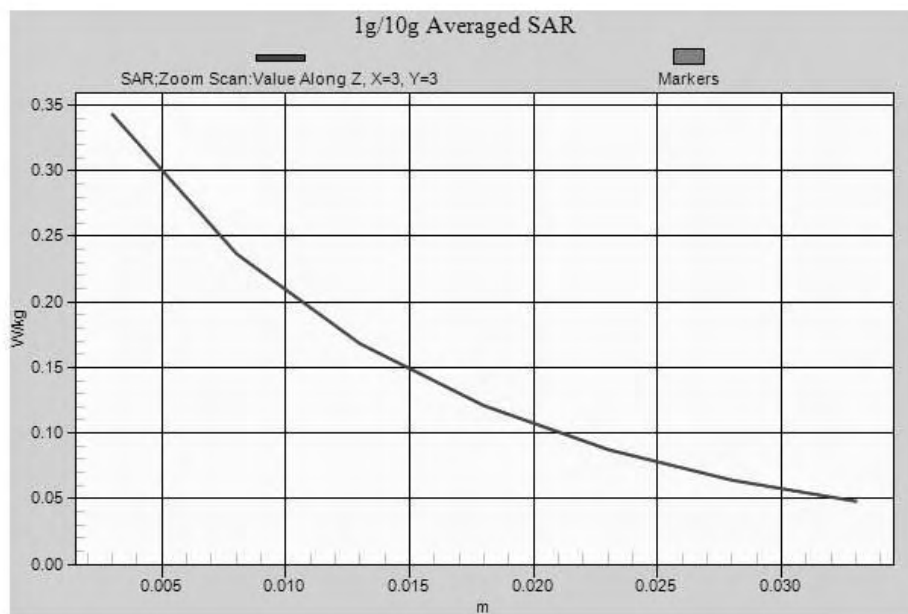
Reference Value = 8.230 V/m; Power Drift = 0.11 dB

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: $f = 837 \text{ MHz}$; $\sigma = 0.885 \text{ S/m}$; $\epsilon_r = 41.396$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

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

DASY Configuration:

- Probe: ES3DV3 - SN3170; ConvF(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
- DASYS2 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: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$
Maximum value of SAR (interpolated) = 0.253 W/kg

UMTS B5_Left Head_Cheek/UMTS B5_Left Cheek_Mid Ch/Zoom Scan

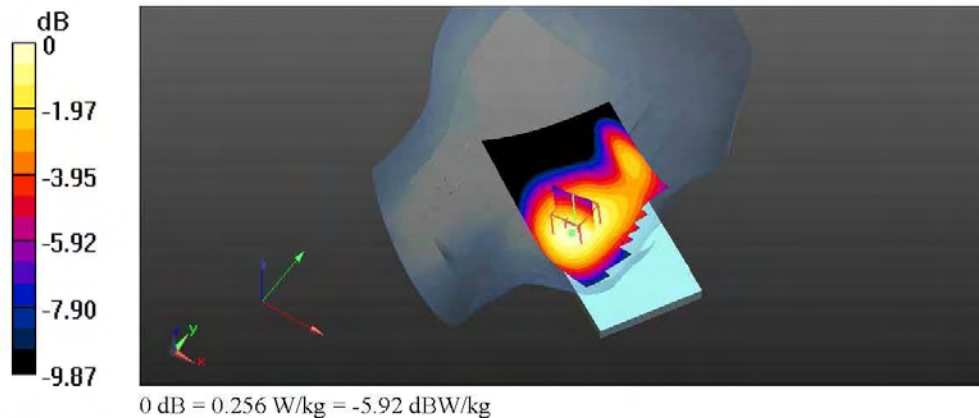
(7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

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 MHz; $\sigma = 1.549$ S/m; $\epsilon_r = 51.51$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

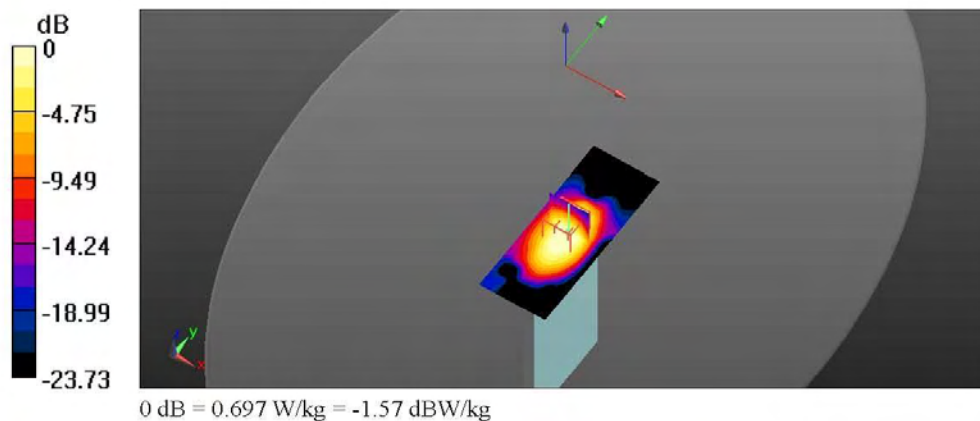
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

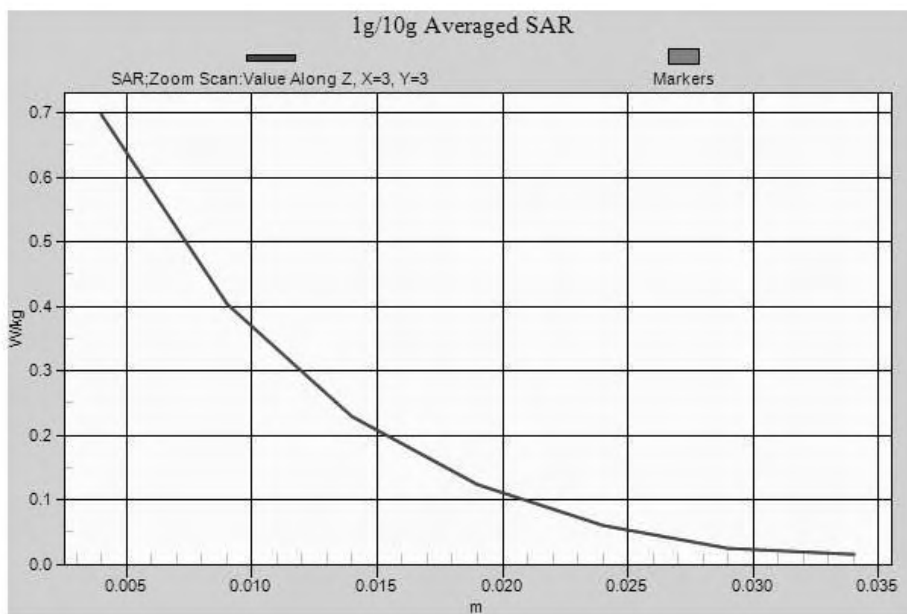
DASY Configuration:

- 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
- DASYS2 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 mm, dy=1.000 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=5mm, dy=5mm, dz=5mm
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
- DASYS2 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

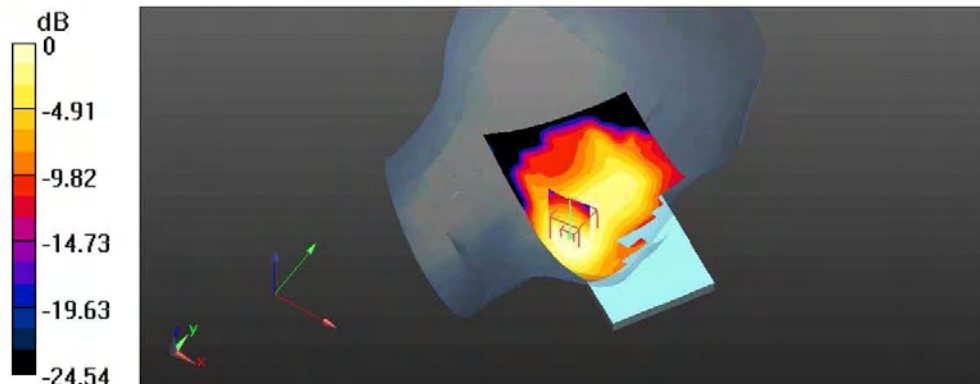
Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

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

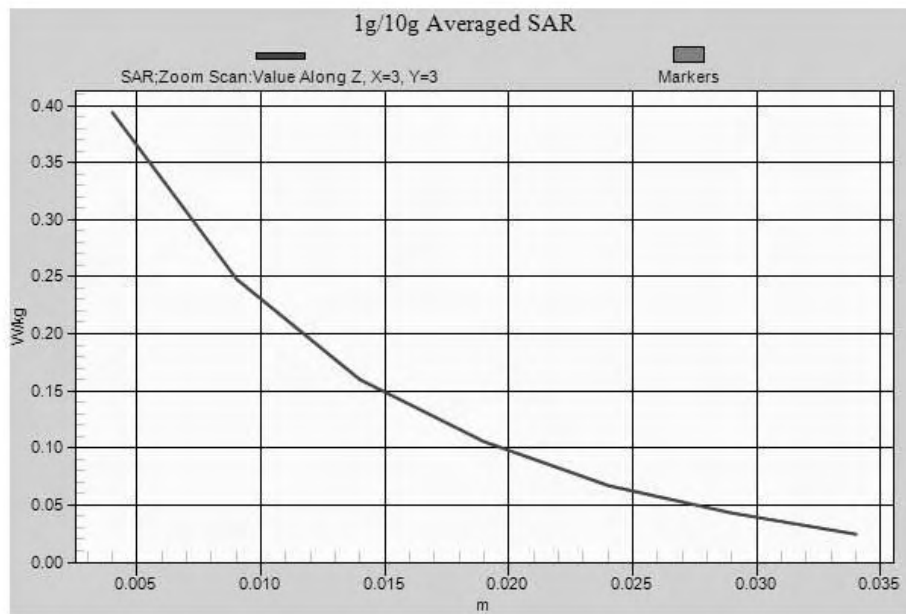
Peak SAR (extrapolated) = 0.591 W/kg

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:

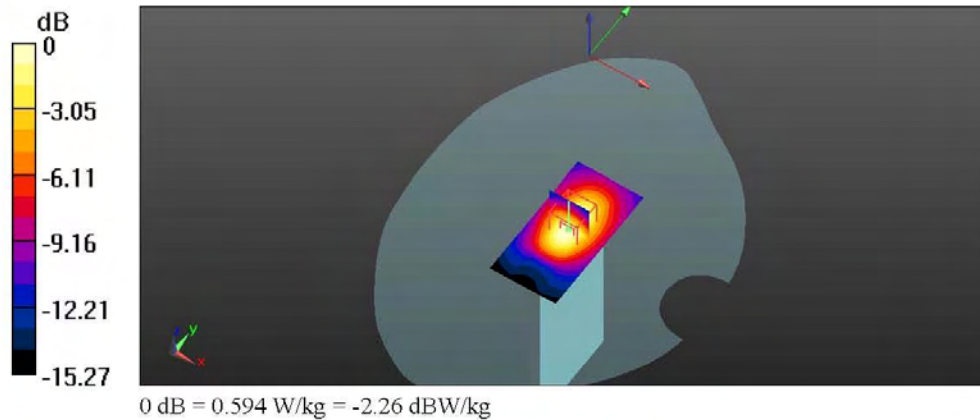
- Probe: ES3DV3 - SN3170; ConvF(4.91, 4.91, 4.91); Calibrated: 12/19/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = -8.0, 32.0$
- Electronics: DAE4 Sn853; Calibrated: 12/16/2013
- Phantom: SAM with CRP v4.0_1489; Type: QD000P40CC; Serial: TP:1489
- DASYS2 52.8.8(1222); SEMCAD X 14.6.10(7331)

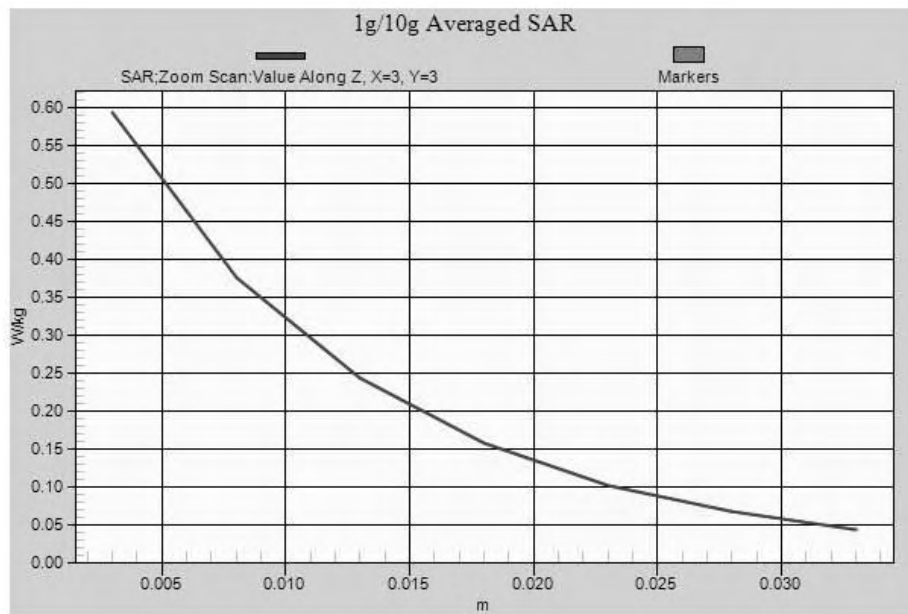
Configuration/LTE B4_body_1RB_Low CH_High offset_Bottom_10mm_Hotspot

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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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:

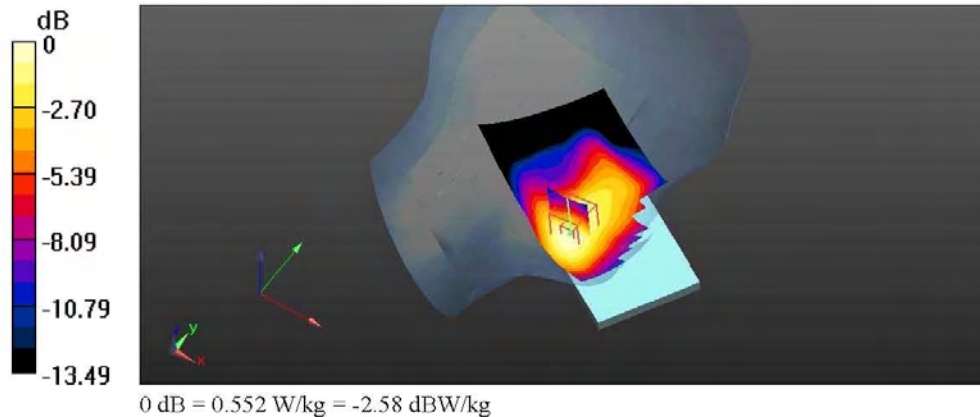
- Probe: ES3DV3 - SN3170; ConvF(5.4, 5.4, 5.4); Calibrated: 12/19/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn853; Calibrated: 12/16/2013
- Phantom: SAM with CRP v4.0_1489; Type: QD000P40CC; Serial: TP:1489
- DASYS2 52.8.8(1222); SEMCAD X 14.6.10(7331)

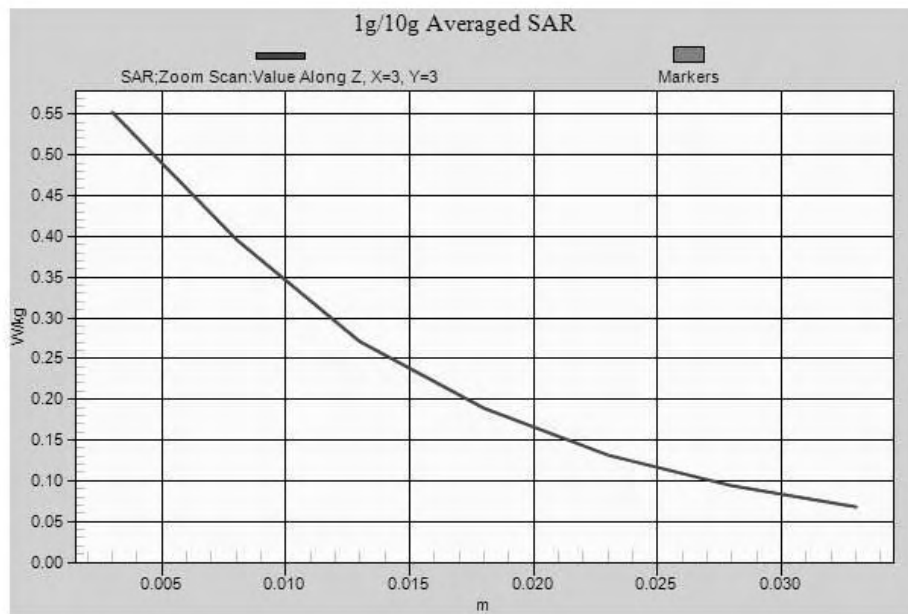
Configuration/LTE B4_Left Cheek_Low CH_1RB offset Low/Area Scan (91x171x1):

Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$
 Maximum value of SAR (interpolated) = 0.546 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 V/m; Power Drift = 0.56 dB
 Peak SAR (extrapolated) = 0.681 W/kg
SAR(1 g) = 0.477 W/kg; SAR(10 g) = 0.316 W/kg
 Maximum value of SAR (measured) = 0.552 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/m³

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:1041
- DASYS2 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

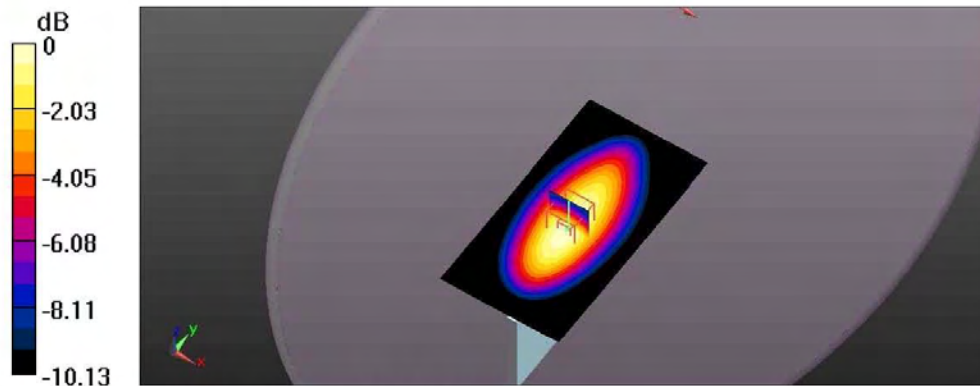
Configuration/LTE B5_body_1RB_Mid CH_Right_Mid offset_10mm_Hotspot off/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

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

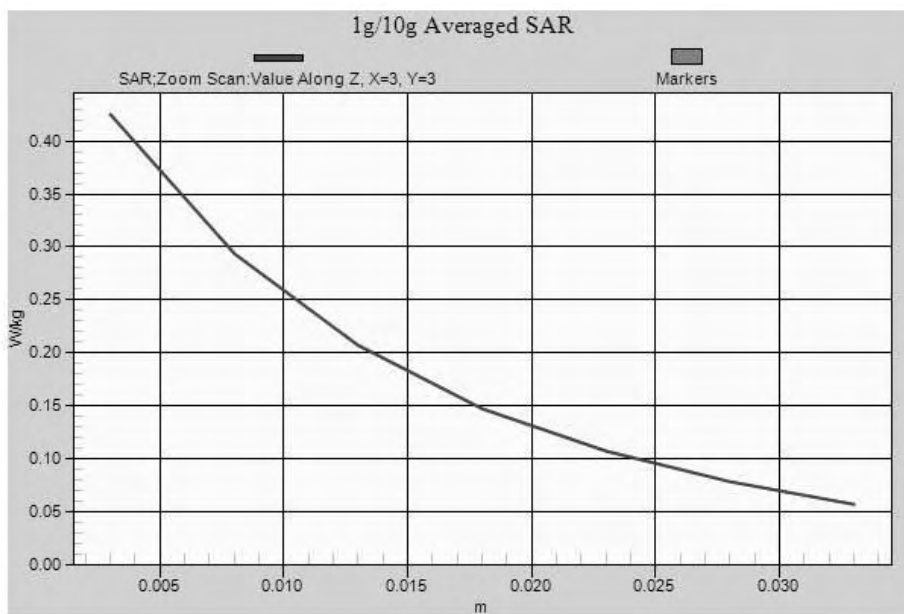
Peak SAR (extrapolated) = 0.535 W/kg

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/m³

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

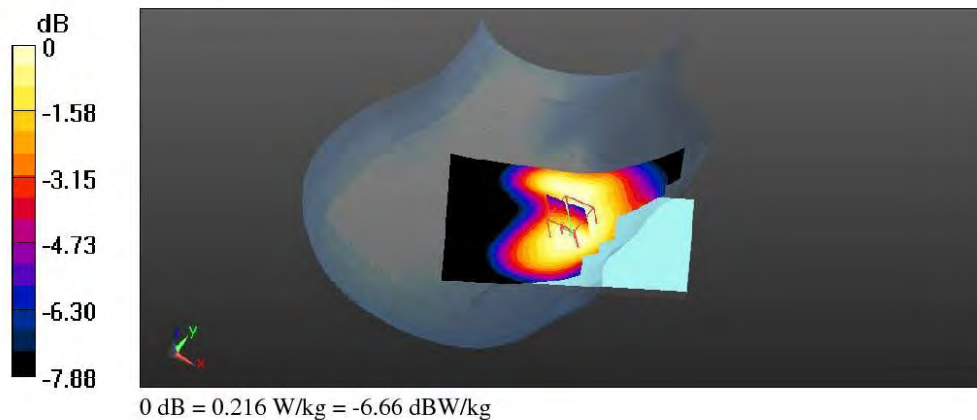
(7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

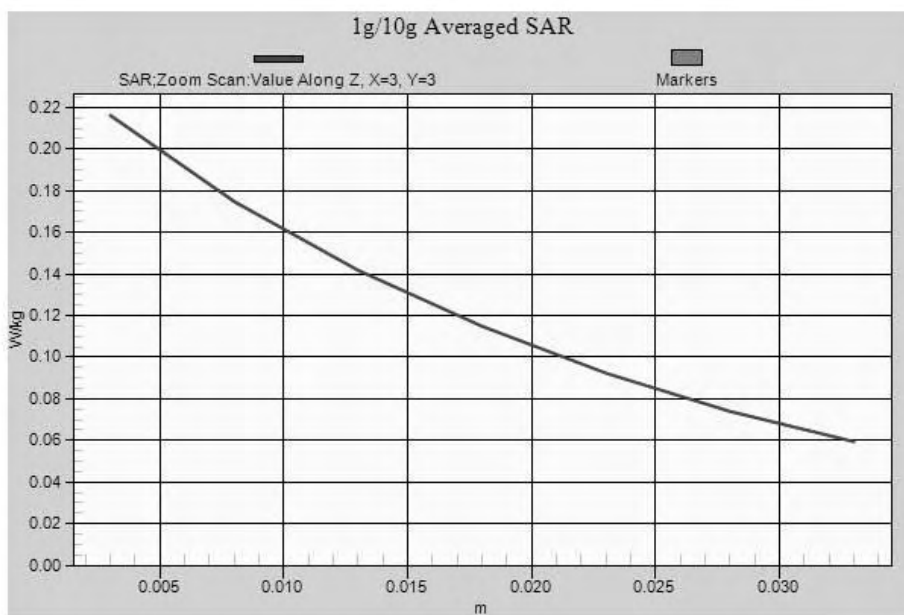
Reference Value = 3.677 V/m; Power Drift = 0.33 dB

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: DASYS (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
- DASYS2 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

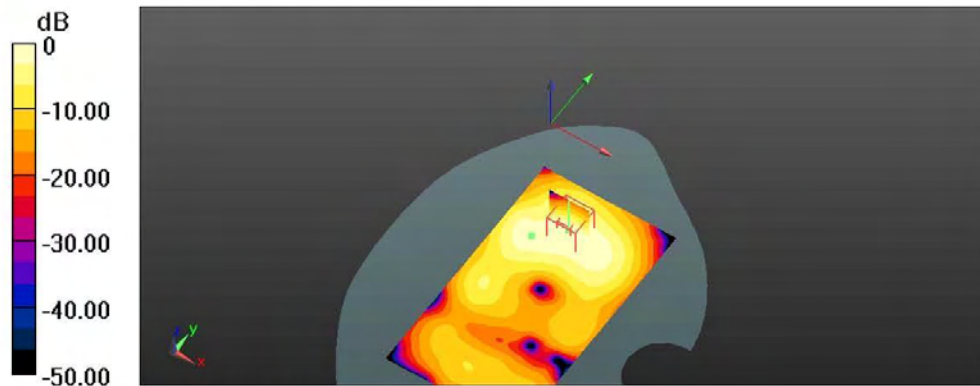
(7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

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

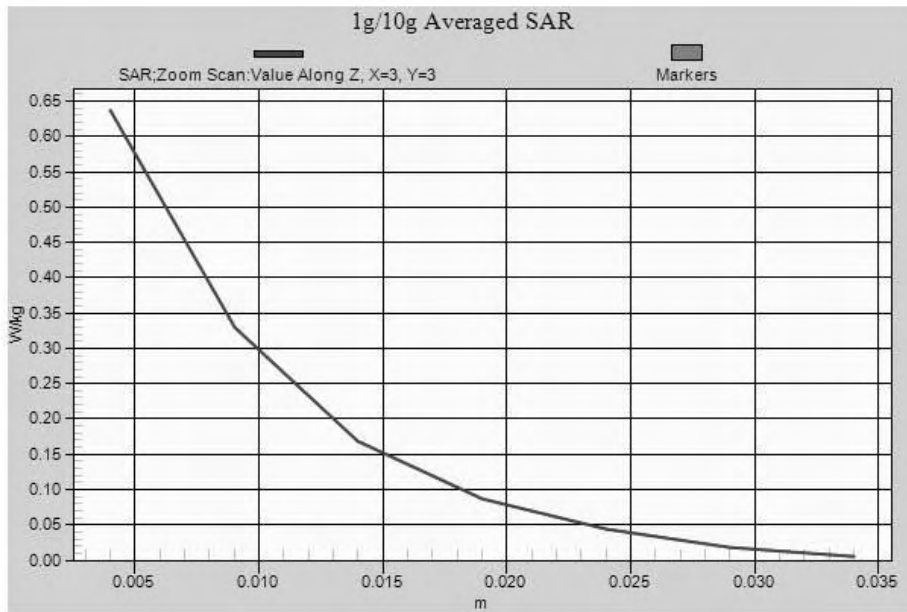
Peak SAR (extrapolated) = 1.17 W/kg

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

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



0 dB = 0.637 W/kg = -1.96 dBW/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/m³
 Phantom section: Left Section
 Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

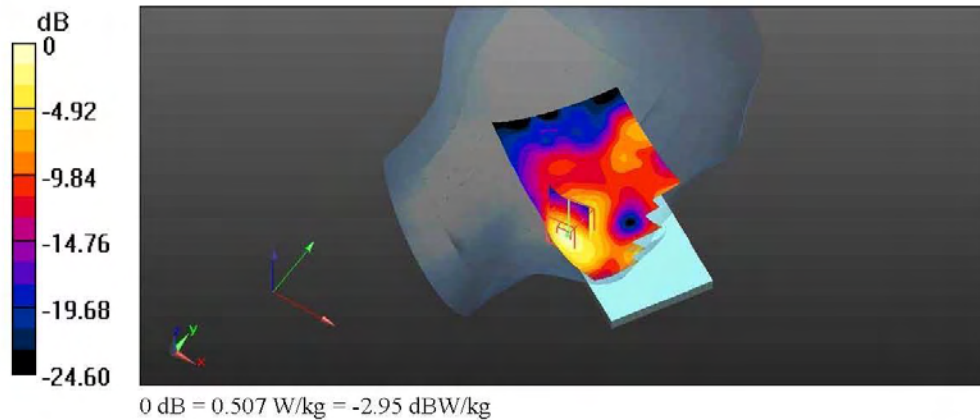
- Probe: ES3DV3 - SN3169; ConvF(4.26, 4.26, 4.26); Calibrated: 12/19/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn853; Calibrated: 12/16/2013
- Phantom: SAM with CRP v4.0_1489; Type: QD000P40CC; Serial: TP:1489
- DASYS2 52.8.8(1222); SEMCAD X 14.6.10(7331)

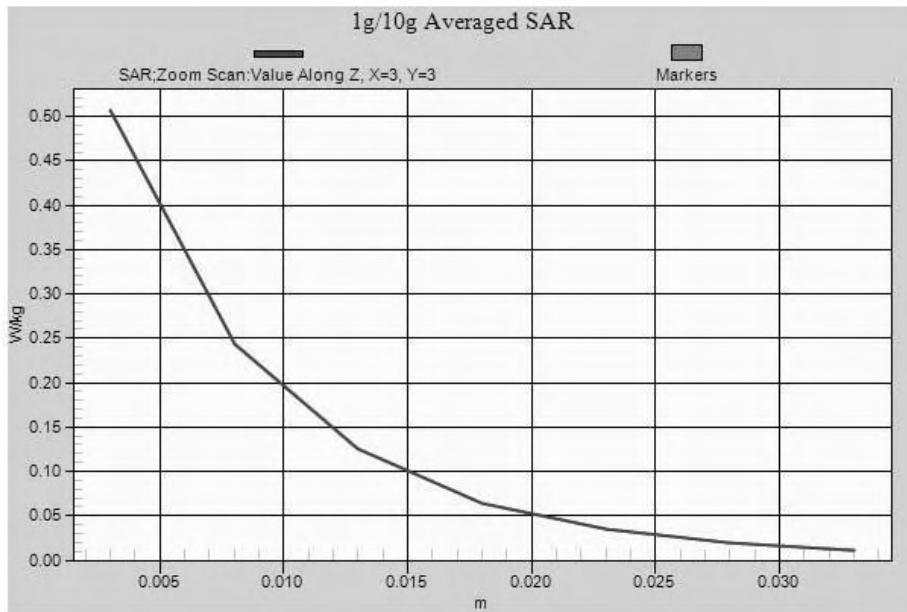
Configuration/LTE B7_Left Cheek_High CH_1RB offset High/Area Scan

(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=5mm, dy=5mm, dz=5mm
 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





SONY	Sony Mobile Communications (China) Co., Ltd. Test Laboratory	Report No.: TARC-PY7PM-0808- SAR-FCC-01	
	PY7PM-0808 SAR FCC Test Report	Edition 2	Revision 0

Date/Time: 7/25/2014 4:02:45 PM

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: DASYS (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
- DASYS2 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

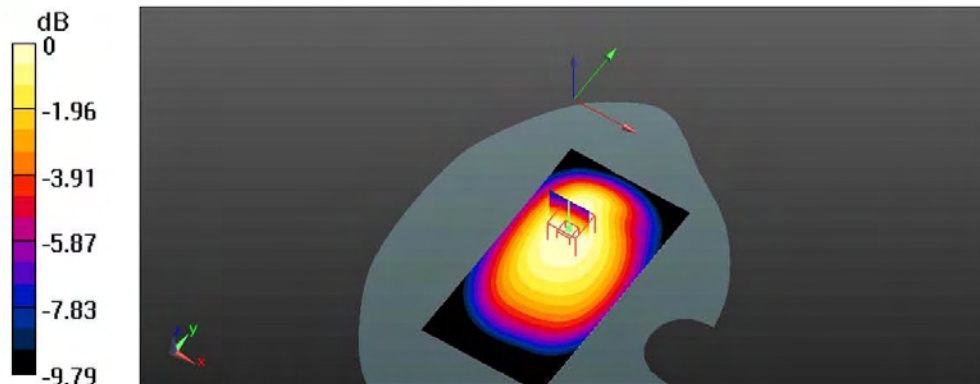
Configuration/LTE B17_body_1RB_Mid CH_Low offset_Back_10mm_Hotspot Off/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

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

