

SONY Sony Mobile Communications (China) Co., Ltd. Test Laboratory	Report No.: TARC-PY7- PM0817-SAR-FCC-04
PY7-PM0817 SAR FCC Test Report	Edition 4 Revision 0

APPENDIX C: SAR DISTRIBUTION PLOTS

SONY Sony Mobile Communications (China) Co., Ltd. Test Laboratory	Report No.: TARC-PY7- PM0817-SAR-FCC-04	
	PY7-PM0817 SAR FCC Test Report	Edition 4 Revision 0

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: 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 MHz; $\sigma = 0.997$ S/m; $\epsilon_r = 53.83$; $\rho = 1000$ 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: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 mm, dy=1.000 mm

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

Configuration/GSM850_body_Mid CH_Back_15mm_DTM/Zoom Scan

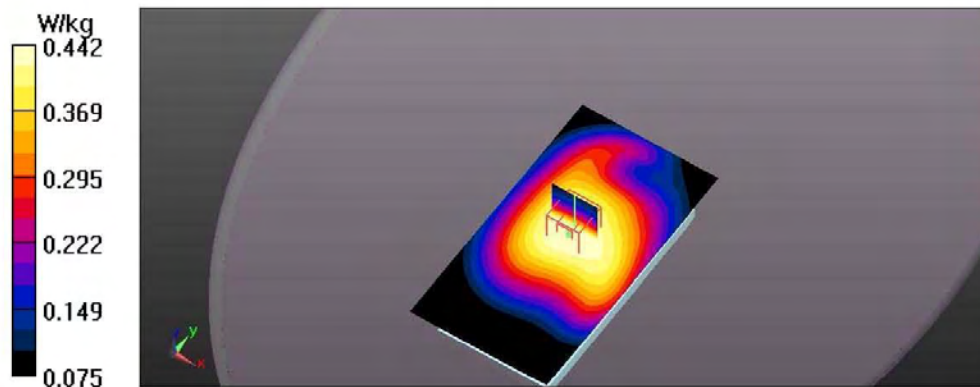
(7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

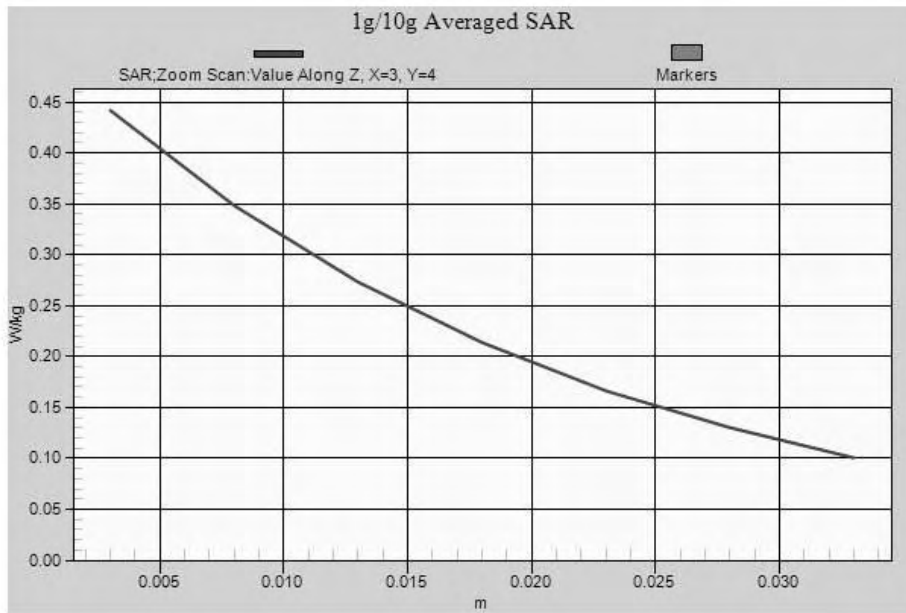
Reference Value = 14.78 V/m; Power Drift = 0.01 dB

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_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
- 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

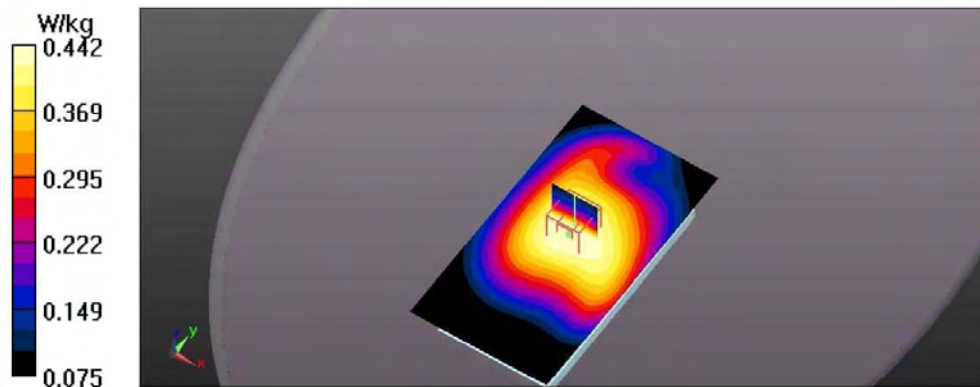
(7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

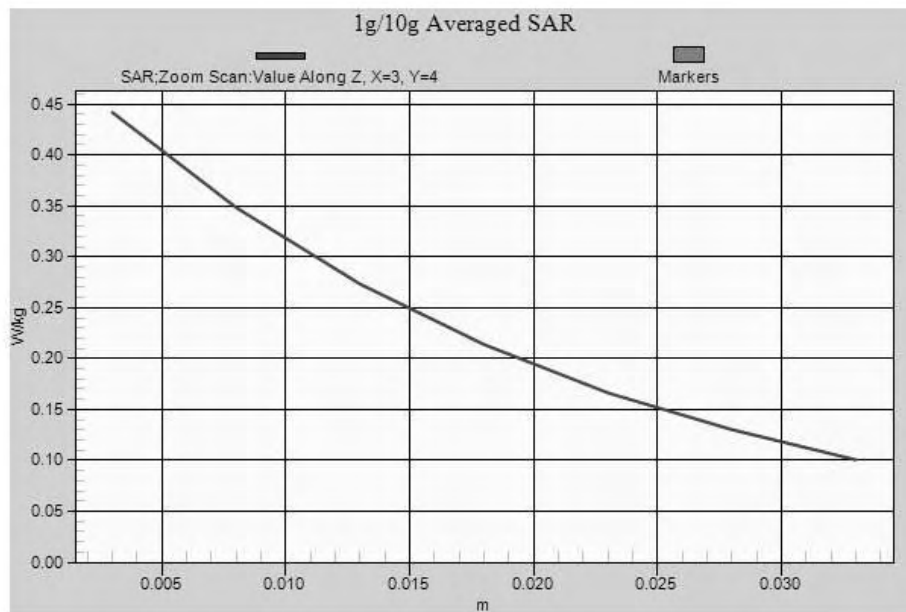
Reference Value = 14.78 V/m; Power Drift = 0.01 dB

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





 Sony Mobile Communications (China) Co., Ltd. Test Laboratory	Report No.: TARC-PY7-PM0817-SAR-FCC-04	
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Date/Time: 7/21/2014 3:12:26 PM

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
- DASYS2 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:

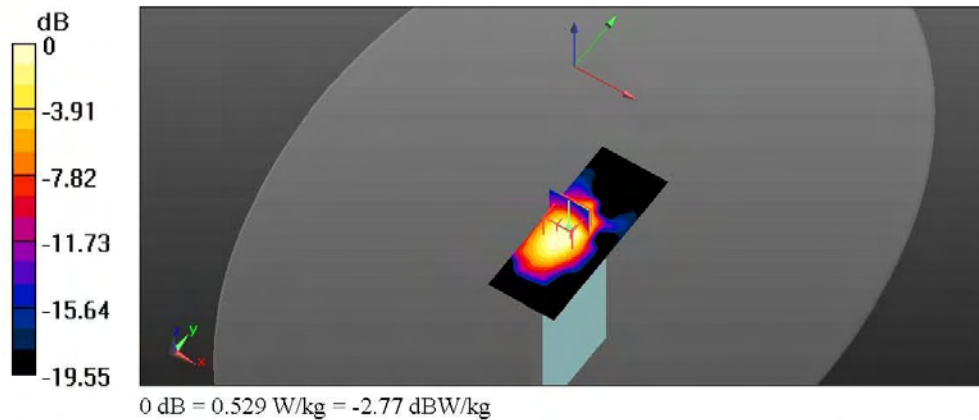
Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

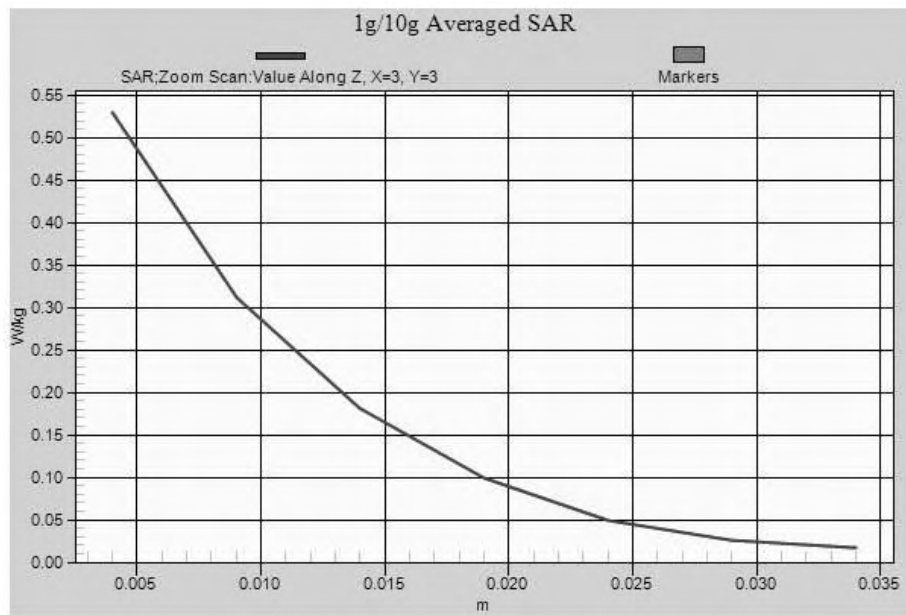
Reference Value = 18.52 V/m; Power Drift = 0.13 dB

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





Date/Time: 7/16/2014 9:46:36 AM

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: $f = 1880$ MHz, $\sigma = 1.395$ S/m; $\epsilon_r = 38.912$; $\rho = 1000$ 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/GSM1900_Mid CH_Left Cheek_DTM_1CS+2PS_Add zoom

scan/Area Scan (101x171x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

Configuration/GSM1900_Mid CH_Left Cheek_DTM_1CS+2PS_Add zoom

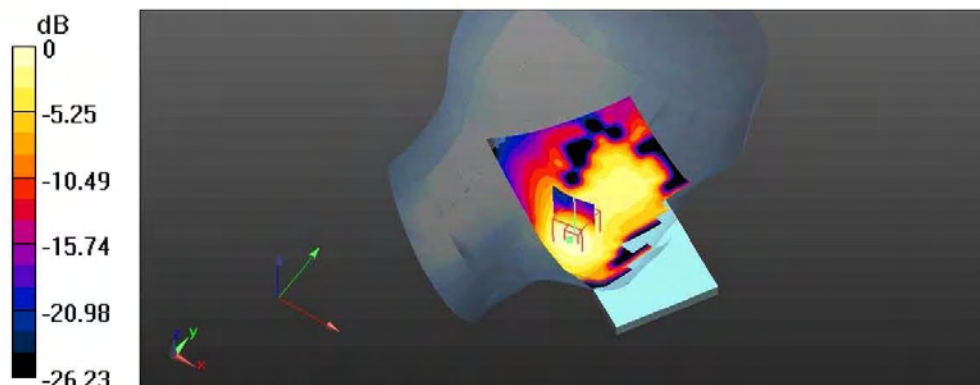
scan/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

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

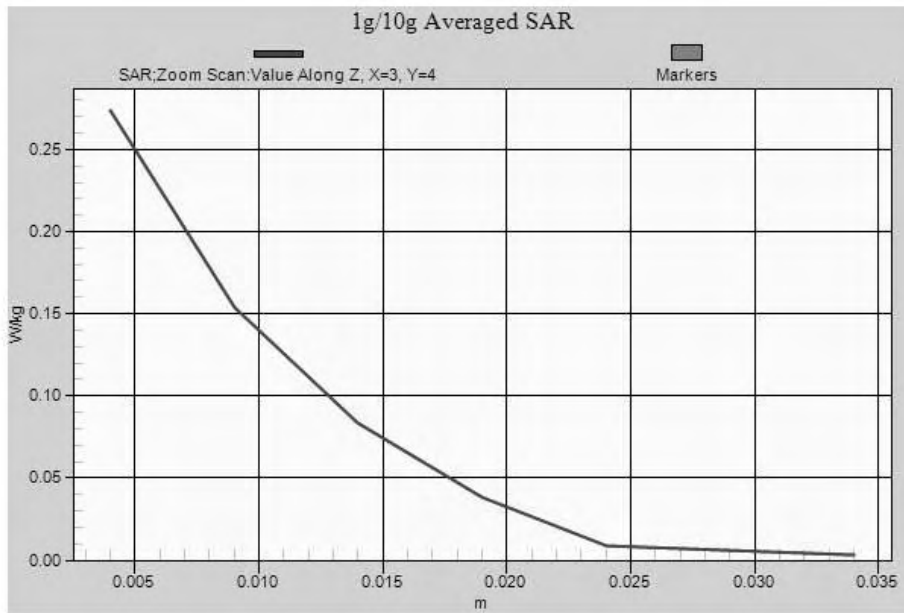
Peak SAR (extrapolated) = 0.415 W/kg

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: $f = 1880 \text{ MHz}$, $\sigma = 1.501 \text{ S/m}$; $\epsilon_T = 51.002$; $\rho = 1000 \text{ kg/m}^3$

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: EL1 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

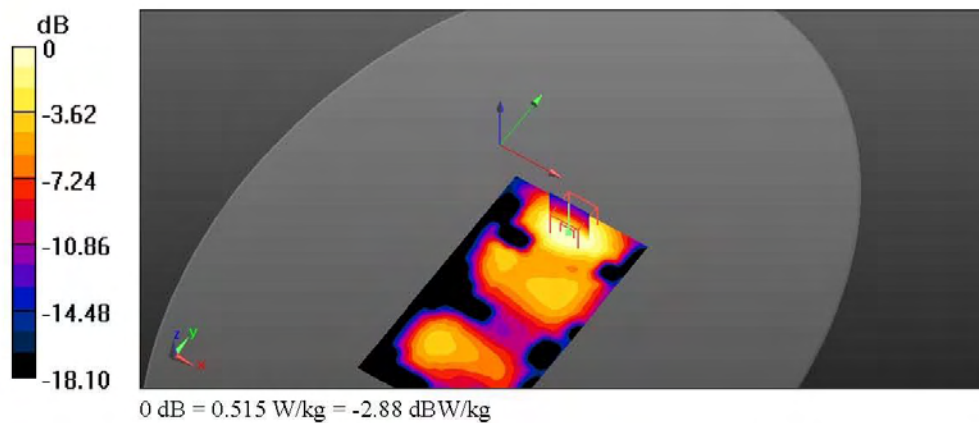
grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

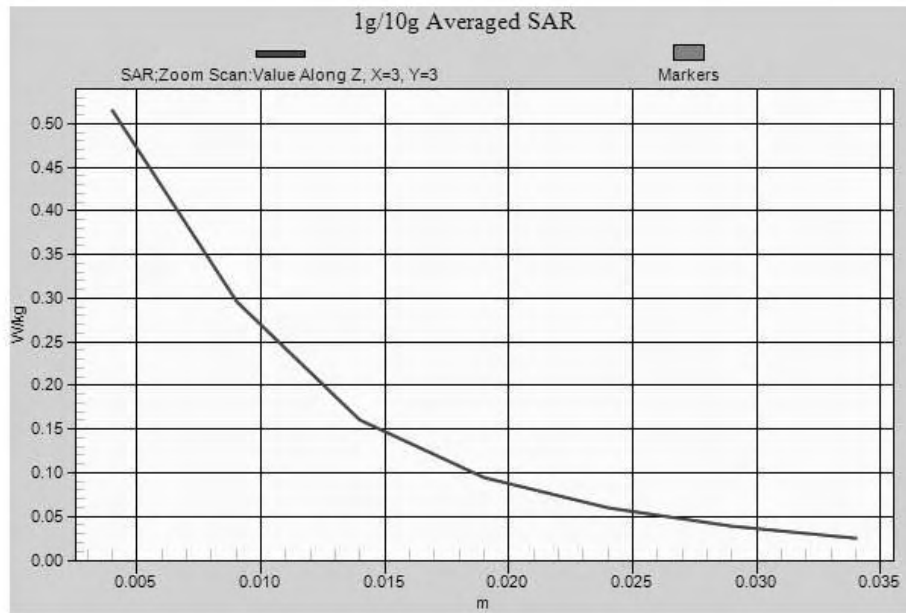
Reference Value = 6.025 V/m; Power Drift = -0.03 dB

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

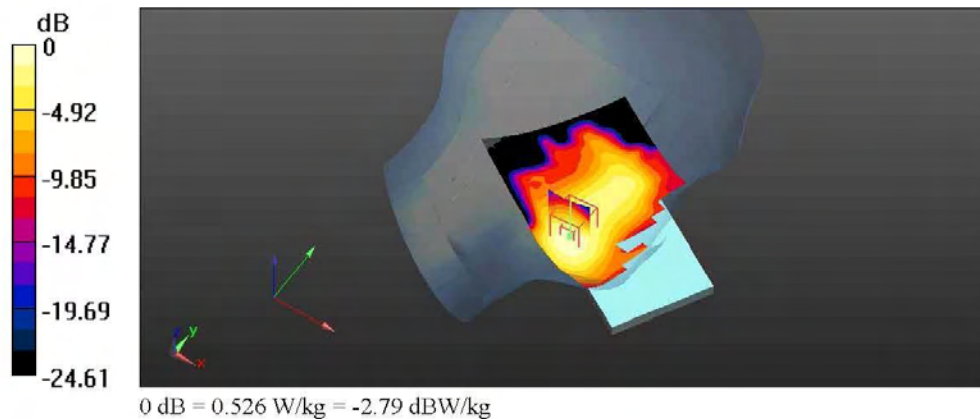
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

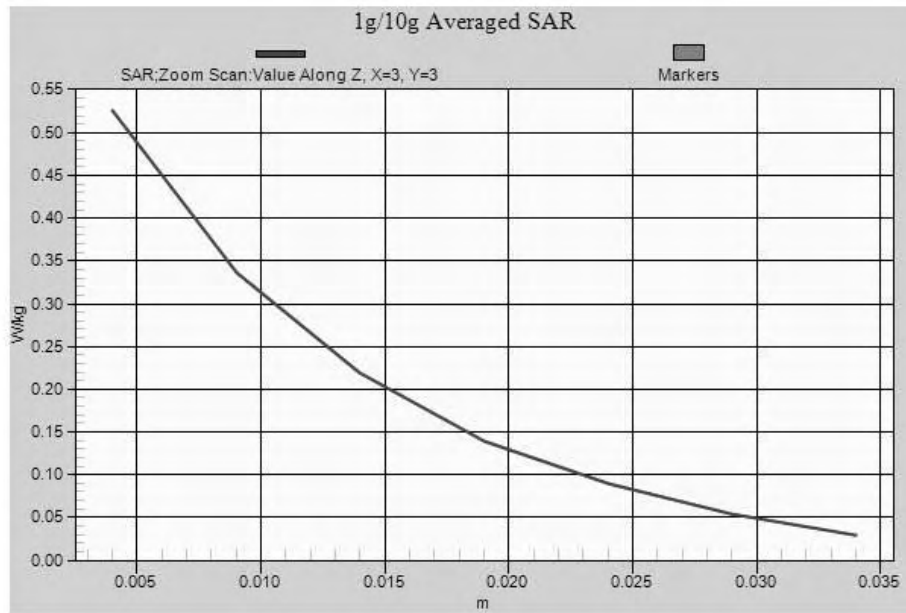
DASY Configuration:

- 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 B5_Body_10mm_20140721

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

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

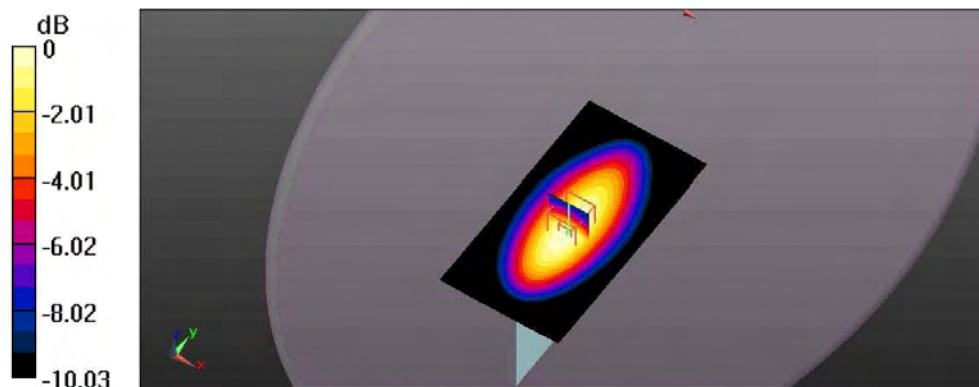
(7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

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

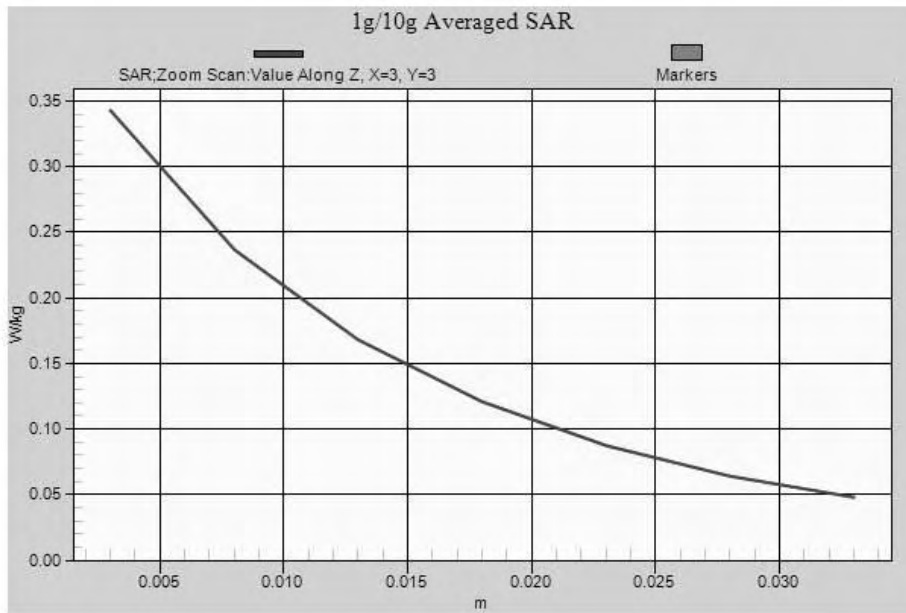
Peak SAR (extrapolated) = 0.431 W/kg

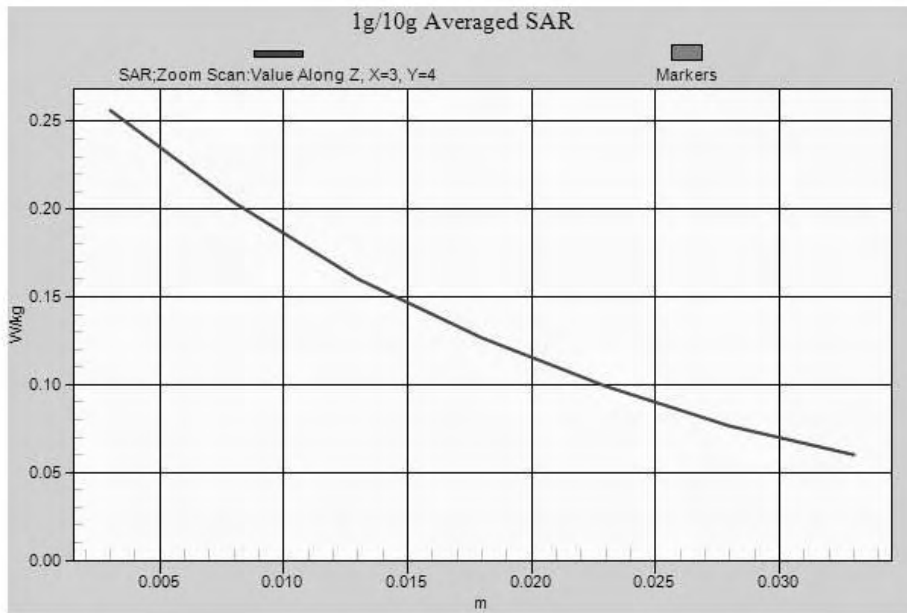
SAR(1 g) = 0.296 W/kg; SAR(10 g) = 0.198 W/kg

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



0 dB = 0.343 W/kg = -4.65 dBW/kg





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Test Laboratory: GTA-Beijing

Wlan2.4G_Body_10mm_20140714

DUT: PY7PM-0808 ; Serial: CB5A1ZTFXM

Communication System: UID 0, WLAN (0); Frequency: 2462 MHz; Communication System PAR: 0 dB; PMF: 1

Medium parameters used (interpolated): $f = 2462$ MHz; $\sigma = 2.062$ S/m; $\epsilon_r = 50.027$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3843; ConvF(6.6, 6.6, 6.6); 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#1696; Type: QD000P40CD; Serial: TP:1696
- DASYS2 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Wlan2.4G_CH11_Back/Area Scan (101x181x1): Interpolated grid:

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

Maximum value of SAR (interpolated) = 0.517 W/kg

Configuration/Wlan2.4G_CH11_Back/Zoom Scan (7x7x7)/Cube 0: Measurement grid:

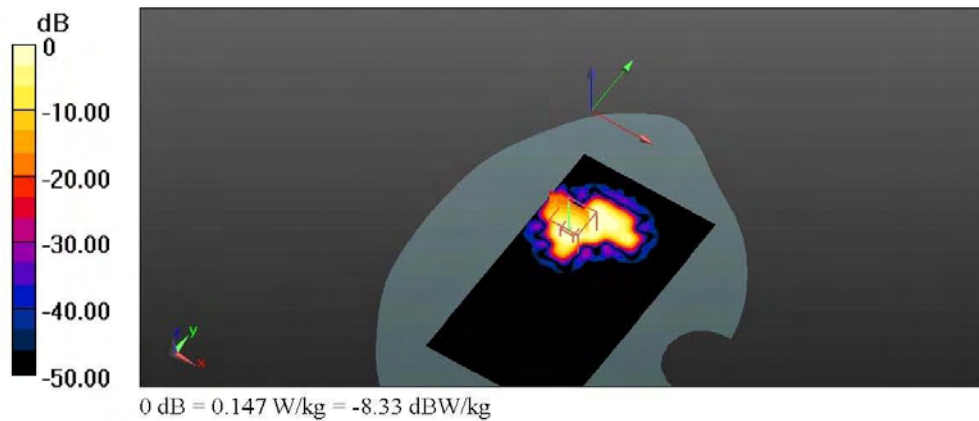
$dx=5$ mm, $dy=5$ mm, $dz=5$ mm

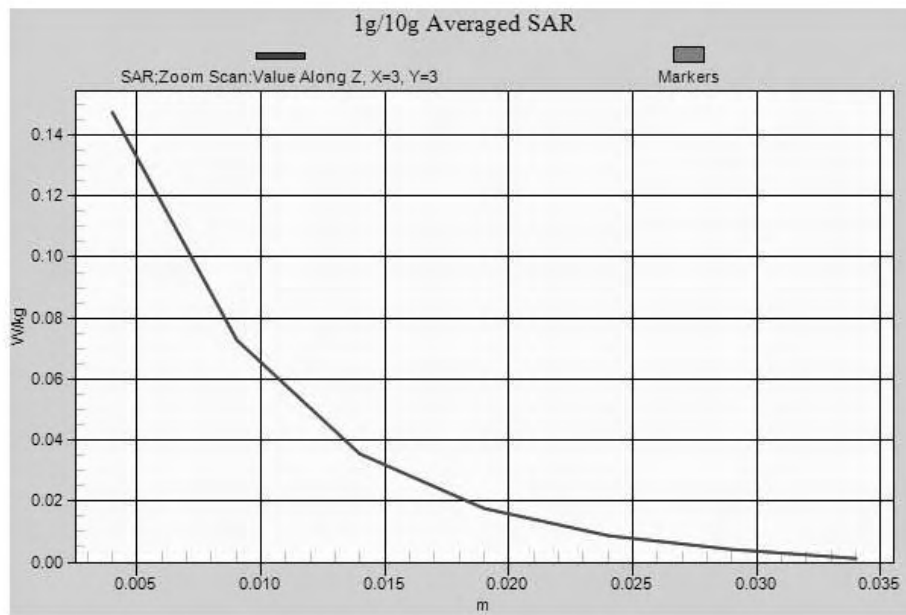
Reference Value = 2.264 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.842 W/kg

SAR(1 g) = 0.167 W/kg; SAR(10 g) = 0.050 W/kg

Maximum value of SAR (measured) = 0.147 W/kg





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Test Laboratory: GTA-Beijing

WLAN2.4G_Left head cheek_20140728

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

Communication System: UID 0, WLAN 802.11 b 1M (0); Frequency: 2437 MHz; Communication System PAR: 0 dB; PMF: 1

Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.875$ S/m; $\epsilon_r = 39.607$; $\rho = 1000$ kg/m³

Phantom section: Left Section

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

DASY Configuration:

- Probe: ES3DV3 - SN3169; ConvF(4.42, 4.42, 4.42); 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/WLAN2.4G_802.11b_Left Cheek_1M bits_Ch6/Area Scan

(101x161x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.412 W/kg

Configuration/WLAN2.4G_802.11b_Left Cheek_1M bits_Ch6/Zoom Scan

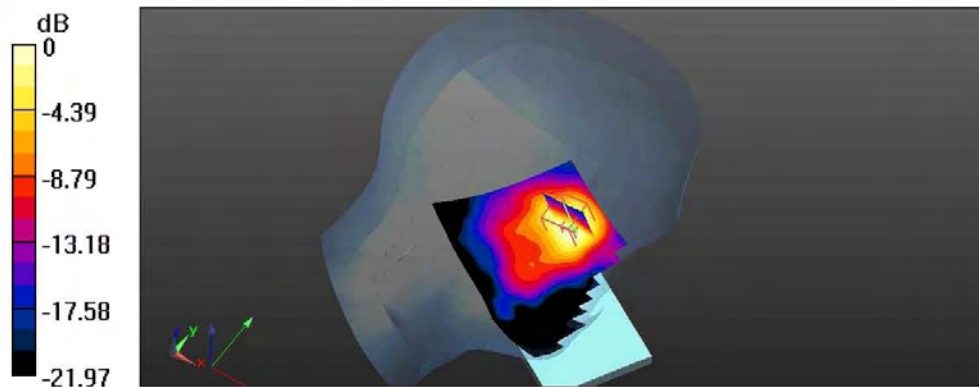
(7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.260 V/m; Power Drift = 0.18 dB

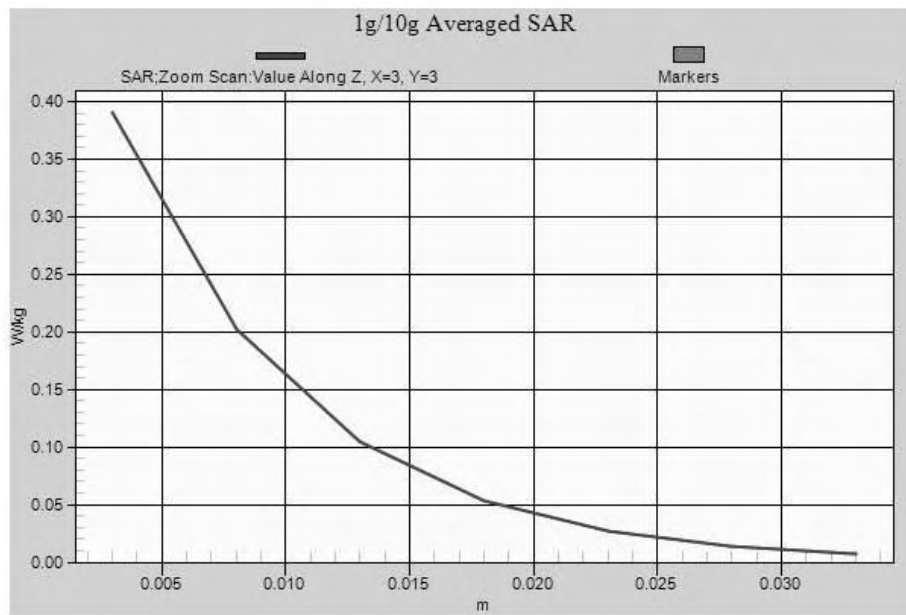
Peak SAR (extrapolated) = 0.599 W/kg

SAR(1 g) = 0.303 W/kg; SAR(10 g) = 0.148 W/kg

Maximum value of SAR (measured) = 0.390 W/kg



0 dB = 0.390 W/kg = -4.09 dBW/kg



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Date/Time: 8/19/2014 2:26:06 PM

Test Laboratory: GTA Beijing

Wlan5G_Body_15mm_20140819

DUT: PY7PM-0808; Serial: CB5A1ZTFXM

Communication System: UID 0, IEEE 802.11a/h WiFi5GHz(OFDM,6Mbps) (0); Communication System Band: Band 5GHz (5030 - 5825MHz); Frequency: 5240 MHz; Communication System PAR: 9 dB; PMF: 1.12202

Medium parameters used: $f = 5240 \text{ MHz}$; $\sigma = 5.441 \text{ S/m}$; $\epsilon_r = 49.95$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3642; ConvF(4.1, 4.1, 4.1); Calibrated: 12/20/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (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: xxxxx
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Wlan5G_CH48_Back 2/Area Scan (101x181x1): Interpolated grid:

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

Maximum value of SAR (interpolated) = 0.0631 W/kg

Configuration/Wlan5G_CH48_Back 2/Zoom Scan (7x7x12)/Cube 0: Measurement grid:

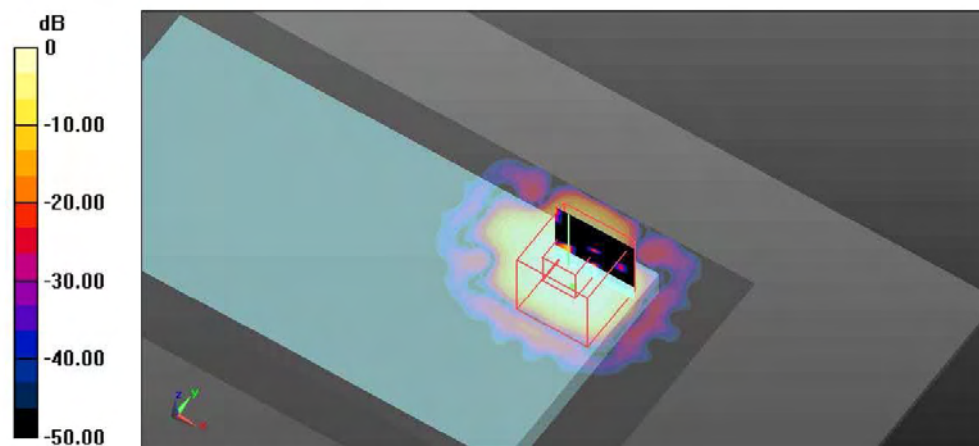
$dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 0 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.490 W/kg

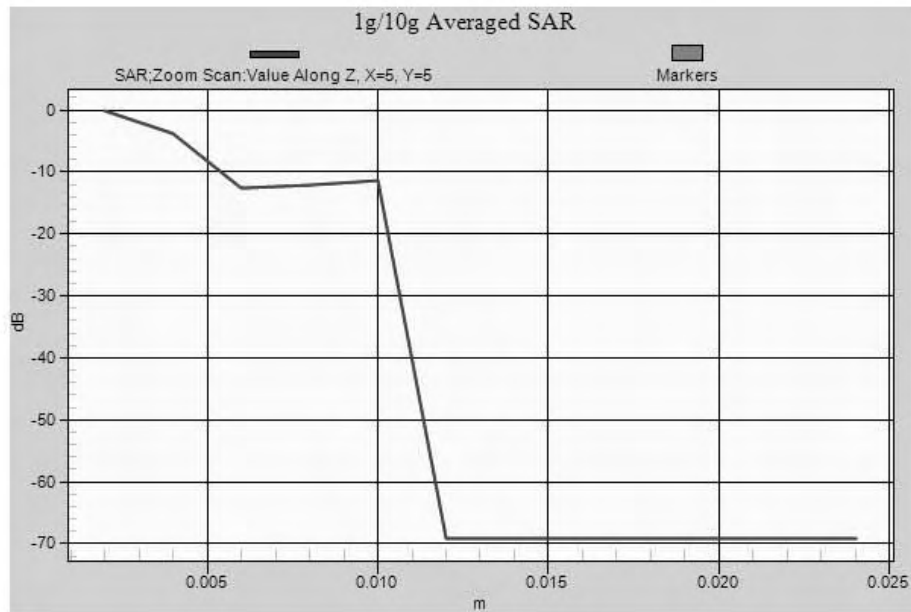
SAR(1 g) = 0.030 W/kg; SAR(10 g) = 0.00364 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.0662 W/kg



0 dB = 0.0662 W/kg = -11.79 dBW/kg

file://C:\Users\gtatester.CORPUSERS\Desktop\SEMCAD report\Wlan5G_Body_15m... 8/20/2014



 Sony Mobile Communications (China) Co., Ltd. Test Laboratory	Report No.: TARC-PY7-PM0817-SAR-FCC-04	
	PY7-PM0817 SAR FCC Test Report	Edition 4 Revision 0

Date/Time: 7/26/2014 4:57:44 PM

Test Laboratory: GTA-Beijing

Wlan5G_Left head cheek_20140726

DUT: PY7PM-0808 ; **Serial:** CB5A1ZTFXM

Communication System: UID 0, IEEE 802.11a/h WiFi5GHz(OFDM,6Mbps) (0); Communication System Band: Band 5GHz (5030 - 5825MHz); Frequency: 5280 MHz; Communication System PAR: 9 dB; PMF: 1.12202

Medium parameters used: $f = 5280 \text{ MHz}$, $\sigma = 4.893 \text{ S/m}$; $\epsilon_r = 35.649$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3642; ConvF(4.97, 4.97, 4.97); Calibrated: 12/20/2013;
- 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/Wlan5G_CH56_Left Cheek_Add zoom scan 2/Area Scan

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

Maximum value of SAR (interpolated) = 1.28 W/kg

Configuration/Wlan5G_CH56_Left Cheek_Add zoom scan 2/Zoom Scan

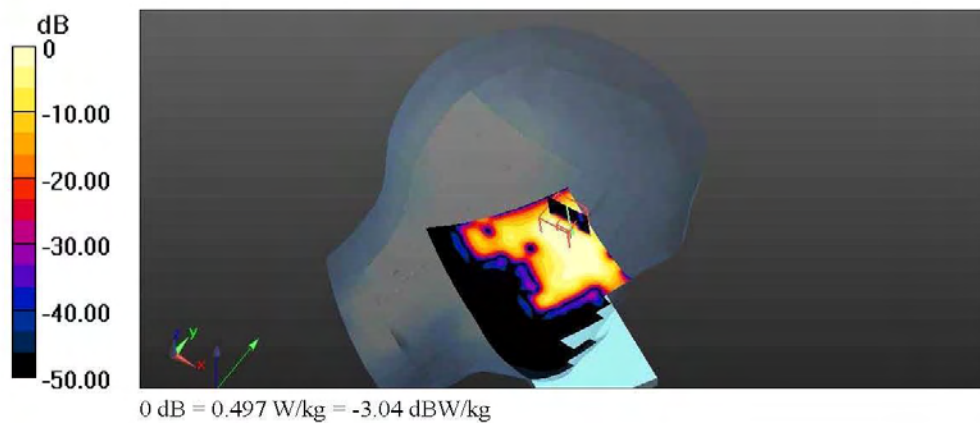
(7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

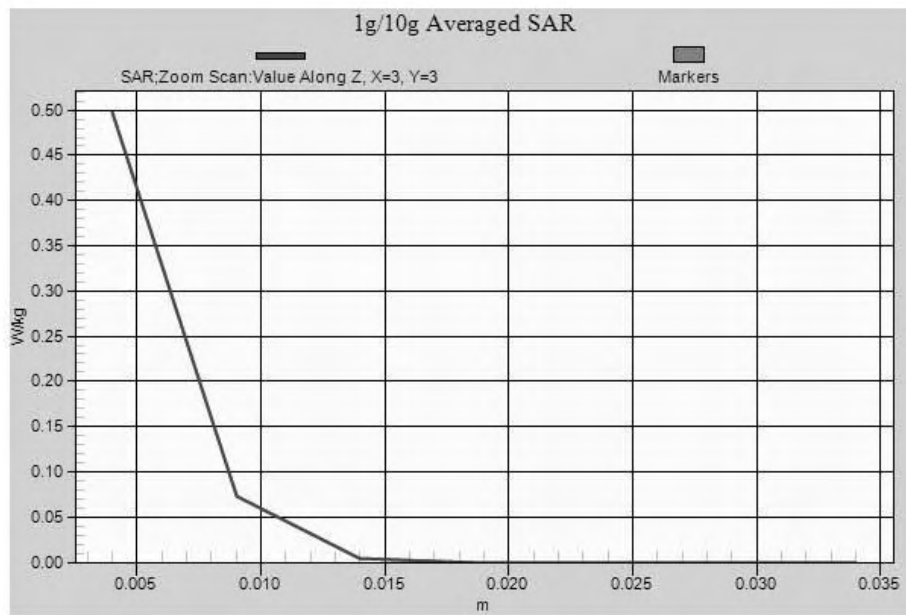
Reference Value = 3.338 V/m; Power Drift = 0.52 dB

Peak SAR (extrapolated) = 1.37 W/kg

SAR(1 g) = 0.421 W/kg; SAR(10 g) = 0.141 W/kg

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





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	PY7-PM0817 SAR FCC Test Report	Revision 0

Date/Time: 7/31/2014 4:21:17 PM

Test Laboratory: GTA-Beijing

Bluetooth_Left head_20140731

DUT: PY7PM-0808 ; **Serial:** CB5A1ZTFXM

Communication System: UID 0, Bluetooth (0); Communication System Band: Bluetooth; Frequency: 2441 MHz; Communication System PAR: 1.16 dB; PMF: 1.14288

Medium parameters used (interpolated): $f = 2441$ MHz; $\sigma = 1.873$ S/m; $\epsilon_r = 39.569$; $\rho = 1000$ kg/m³

Phantom section: Left Section

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

DASY Configuration:

- Probe: ES3DV3 - SN3169; ConvF(4.42, 4.42, 4.42); 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/Bluetooth_Right Check_Ch39 2/Area Scan (101x171x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.119 W/kg

Configuration/Bluetooth_Right Check_Ch39 2/Zoom Scan (7x7x7)/Cube 0:

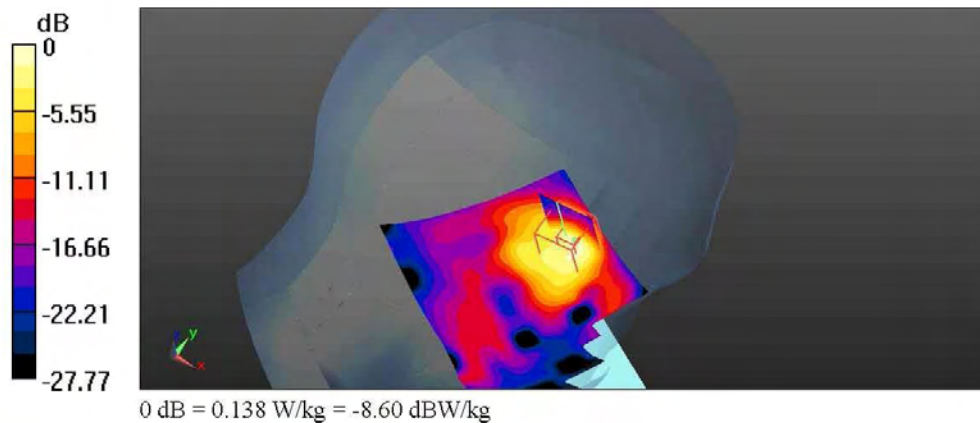
Measurement grid: dx=5mm, dy=5mm, dz=5mm

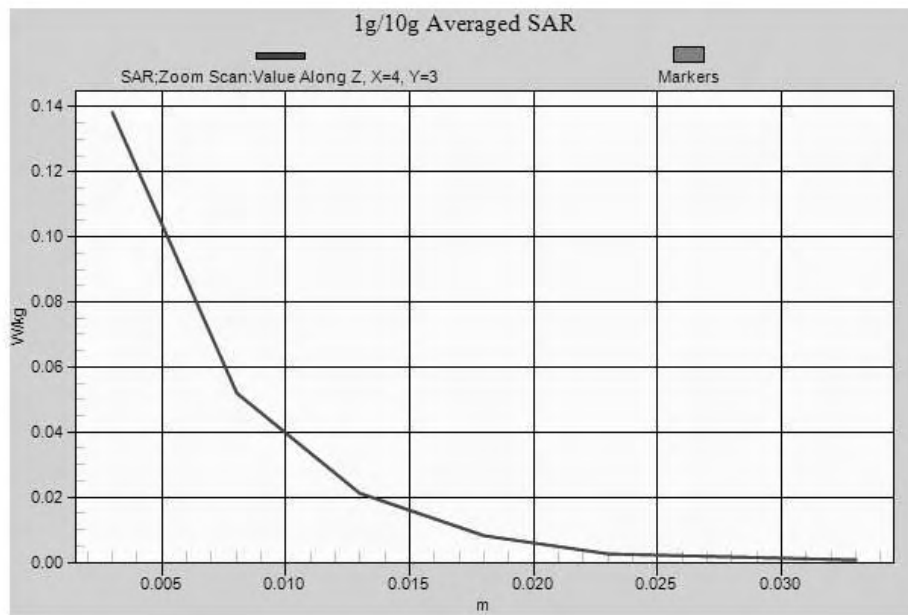
Reference Value = 1.424 V/m; Power Drift = 0.25 dB

Peak SAR (extrapolated) = 0.260 W/kg

SAR(1 g) = 0.097 W/kg; SAR(10 g) = 0.038 W/kg

Maximum value of SAR (measured) = 0.138 W/kg





 Sony Mobile Communications (China) Co., Ltd. Test Laboratory	Report No.: TARC-PY7-PM0817-SAR-FCC-04	
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Date/Time: 2/10/2015 2:15:36 PM

Test Laboratory: GTA-Beijing

UMTS B5_Body_20150210

DUT: PM-0817-BV; Type: PM-0817-BV; Serial: CB5A5KSJ

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; $\sigma = 0.982$ S/m; $\epsilon_r = 52.903$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3642; ConvF(8.97, 8.97, 8.97); Calibrated: 12/12/2014;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn853; Calibrated: 12/12/2014
- Phantom: ELI v4.0_1041; Type: QDOVA001BB; Serial: TP:xxxx
- DASYS2 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/GSM850_Back_Mid CH_15mm_1CS+2PS/Area Scan (71x121x1):

Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.406 W/kg

Configuration/GSM850_Back_Mid CH_15mm_1CS+2PS/Zoom Scan (7x7x7)/Cube

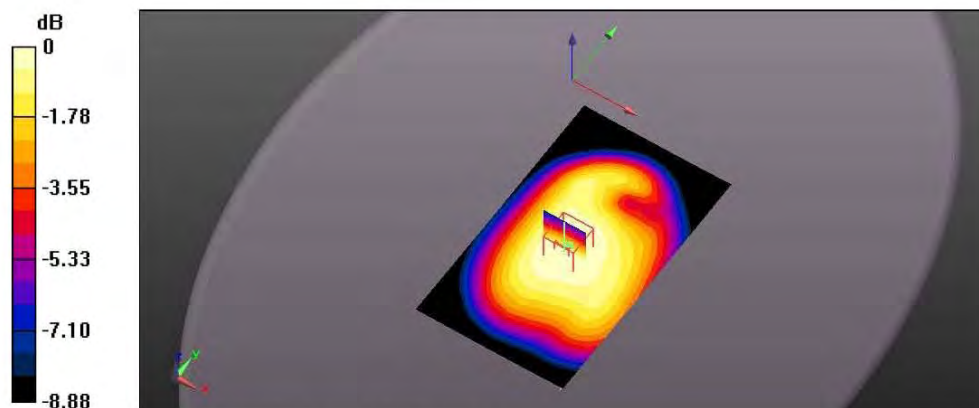
0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

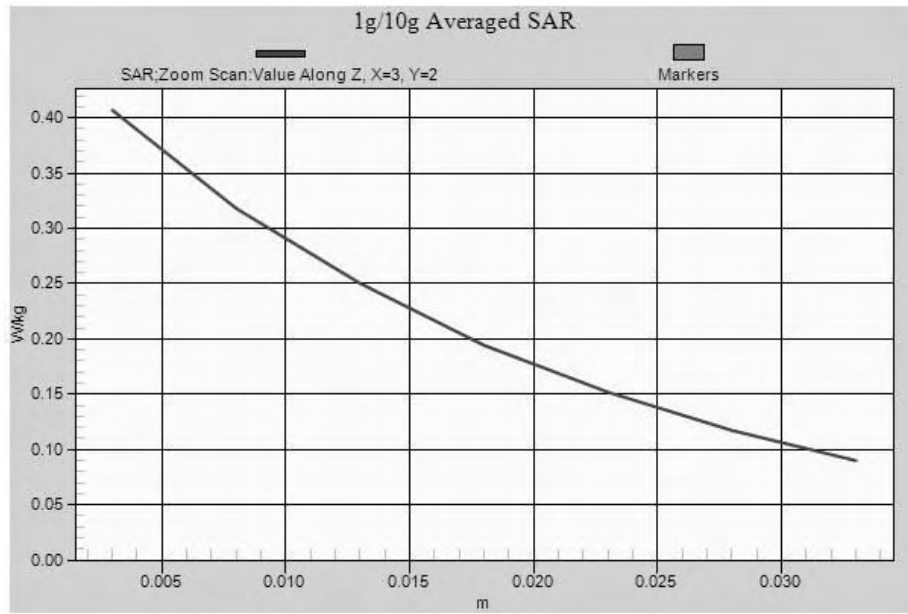
Reference Value = 20.43 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.470 W/kg

SAR(1 g) = 0.370 W/kg; SAR(10 g) = 0.283 W/kg

Maximum value of SAR (measured) = 0.407 W/kg





SONY Sony Mobile Communications (China) Co., Ltd. Test Laboratory	Report No.: TARC-PY7- PM0817-SAR-FCC-04	
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Date/Time: 2/10/2015 11:28:20 AM

Test Laboratory: GTA-Beijing

UMTS B5_Left head

DUT: PY7PM-0817-BV; Type: PY7PM-0817-BV; Serial: CB5A215KSJ

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; $\sigma = 0.865$ S/m; $\epsilon_r = 41.219$; $\rho = 1000$ kg/m³

Phantom section: Left Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3642; ConvF(9.29, 9.29, 9.29); Calibrated: 12/12/2014;
- Sensor-Surface: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn853; Calibrated: 12/12/2014
- 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_1CS+2PS/Area Scan (101x161x1):

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

Maximum value of SAR (interpolated) = 0.335 W/kg

Configuration/GSM850_Left Cheek_Mid CH_1CS+2PS/Zoom Scan (8x10x7)/Cube

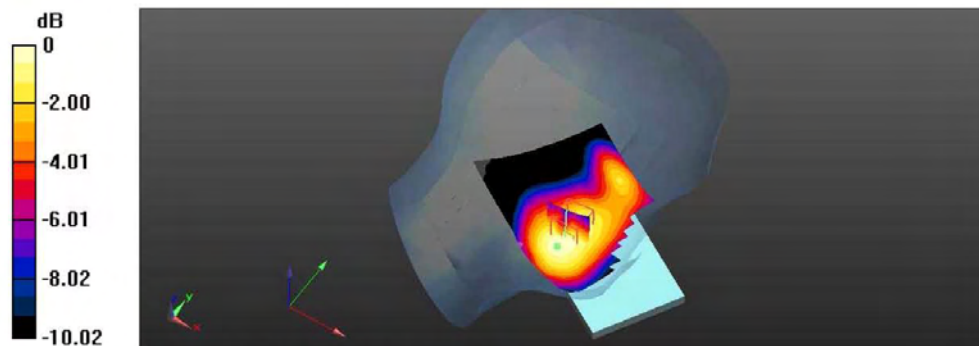
0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 3.996 V/m; Power Drift = -0.93 dB

Peak SAR (extrapolated) = 0.414 W/kg

SAR(1 g) = 0.310 W/kg; SAR(10 g) = 0.224 W/kg

Maximum value of SAR (measured) = 0.356 W/kg



0 dB = 0.356 W/kg = -4.49 dBW/kg

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