

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: 2/10/2015 1:24:22 PM

Test Laboratory: GTA-Beijing

MSL1900

DUT: PY7PM-0817-BV; Type: PY7PM-0817-BV; Serial: CB5A21CLJ0

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; $\sigma = 1.536$ S/m; $\epsilon_r = 51.687$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: ES3DV3 - SN3295; ConvF(4.65, 4.65, 4.65); Calibrated: 3/14/2014;
- Sensor-Surface: 3mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1437; Calibrated: 7/8/2014
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:xxxx
- DASYS2 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration FCC/Body GSM1900_4TS_Mid_CH_Front_Hotspot ON 2/Area Scan

(51x71x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.560 W/kg

Configuration FCC/Body GSM1900_4TS_Mid_CH_Front_Hotspot ON 2/Zoom Scan

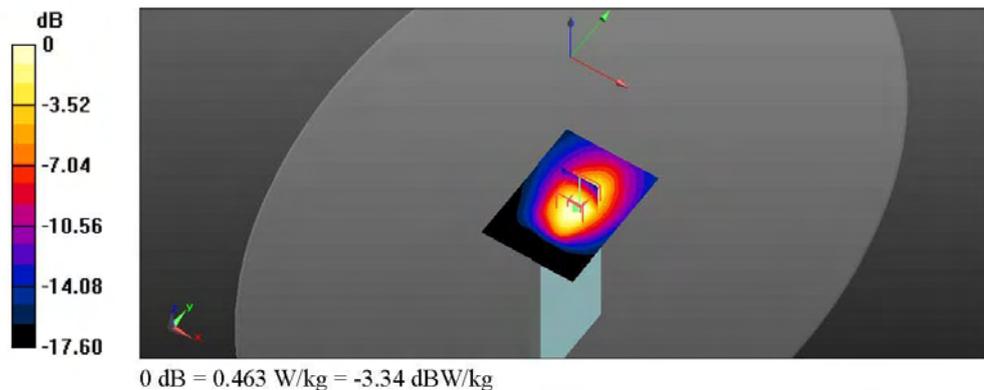
(7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 18.45 V/m; Power Drift = -0.09 dB

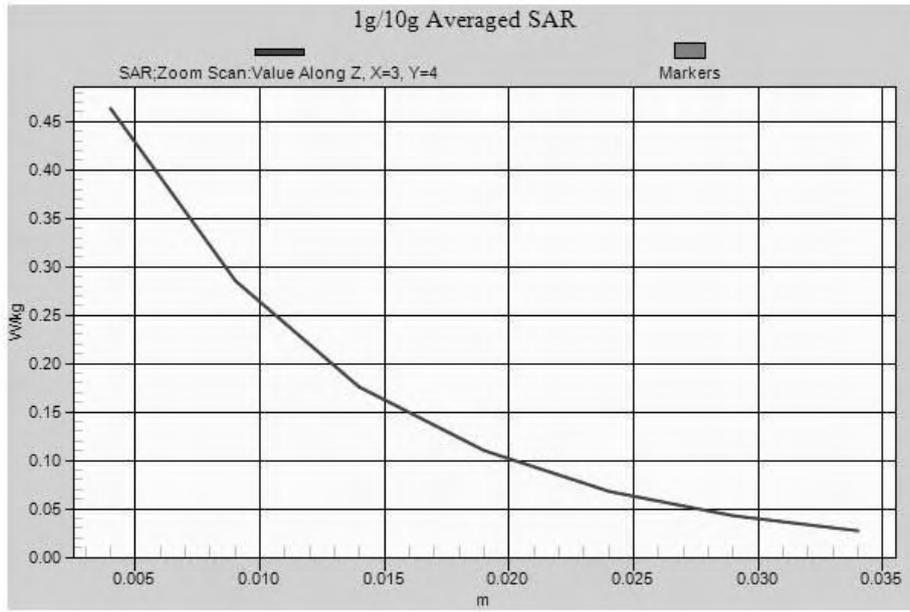
Peak SAR (extrapolated) = 0.701 W/kg

SAR(1 g) = 0.413 W/kg; SAR(10 g) = 0.224 W/kg

Maximum value of SAR (measured) = 0.463 W/kg



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Test Laboratory: GTA-Beijing

HSL1900

DUT: PM-0817-BV; Type:PM-0817-BV; Serial:CB5A21CLJ0

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: $f = 1880 \text{ MHz}$; $\sigma = 1.389 \text{ S/m}$; $\epsilon_r = 38.275$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: ES3DV3 - SN3295; ConvF(5.11, 5.11, 5.11); Calibrated: 3/14/2014;
- Sensor-Surface: 3mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1437; Calibrated: 7/8/2014
- Phantom: SAM with CRP v5.0 #1697; Type: QD000P40CD; Serial: TP1697
- DASYS2 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head_GSM1900 DTM_1CS+2PS/Area Scan (71x101x1): Interpolated

grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.317 W/kg

Configuration/Head_GSM1900 DTM_1CS+2PS/Zoom Scan (7x7x7)/Cube 0:

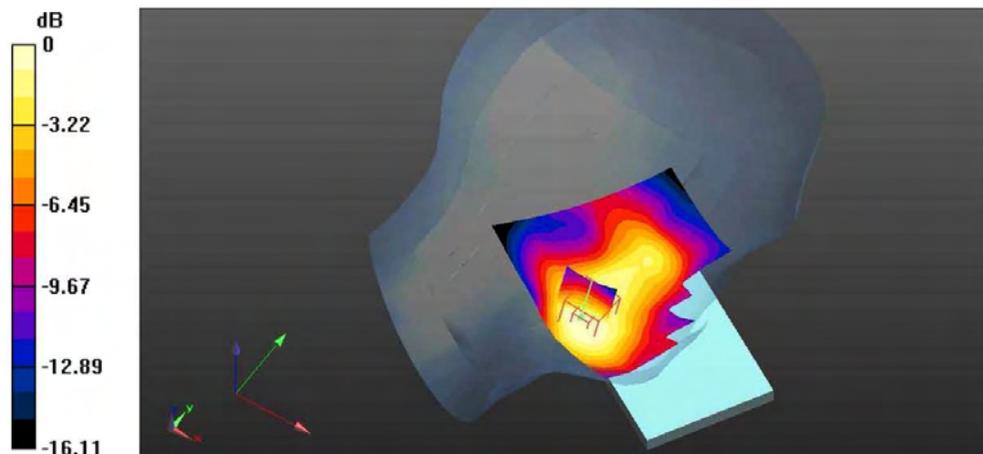
Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 4.997 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.392 W/kg

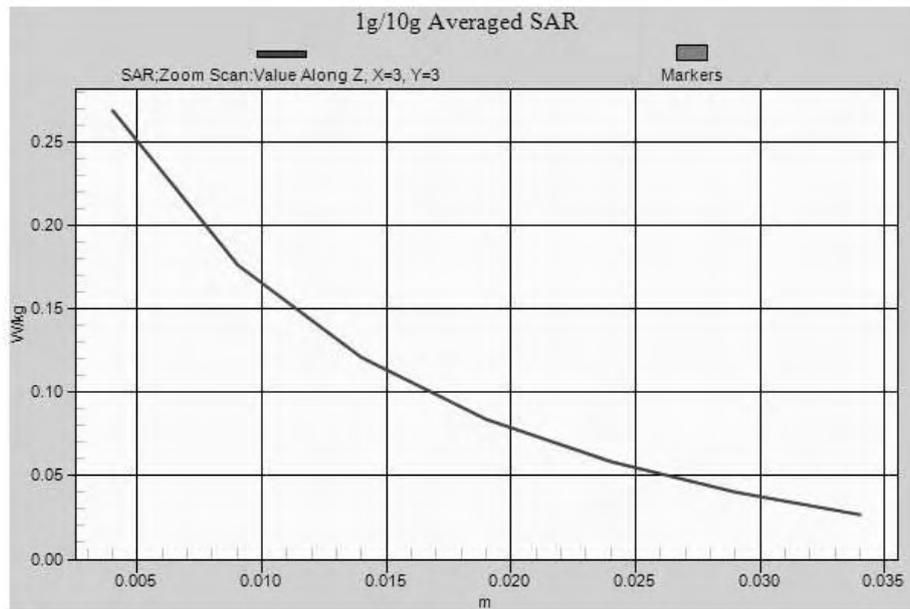
SAR(1 g) = 0.244 W/kg; SAR(10 g) = 0.154 W/kg

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



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$$0 \text{ dB} = 0.269 \text{ W/kg} = -5.70 \text{ dBW/kg}$$



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Test Laboratory: GTA-Beijing

MSL1900

DUT: PY7PM-0817-BV; Type: PY7PM-0817-BV; Serial: CB5A21CLJ0

Communication System: UID 0, UMTS_band2 (0); Communication System Band: Exported from older format (data unavailable - please correct).; Frequency: 1880 MHz; Communication System PAR: 0 dB; PMF: 1

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.536 \text{ S/m}$; $\epsilon_r = 51.687$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: ES3DV3 - SN3295; ConvF(4.65, 4.65, 4.65); Calibrated: 3/14/2014;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1437; Calibrated: 7/8/2014
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:xxxx
- DASYS2 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration FCC/Body UMTS Band II_Front_Mid/Area Scan (61x131x1):

Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.624 W/kg

Configuration FCC/Body UMTS Band II_Front_Mid/Zoom Scan (7x7x7)/Cube 0:

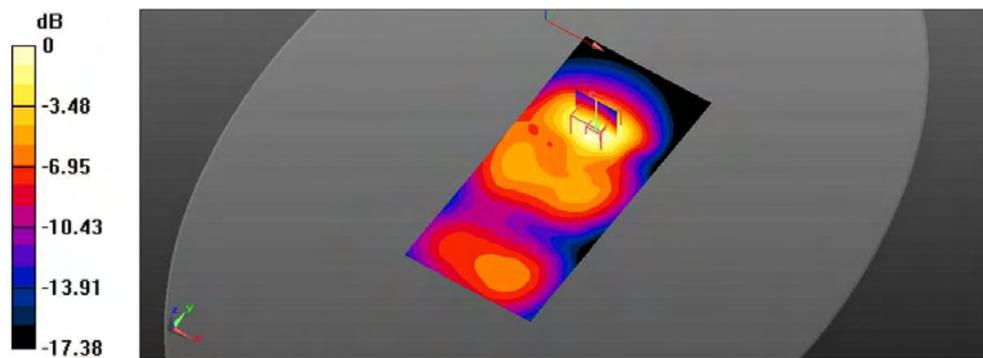
Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 10.47 V/m ; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.852 W/kg

SAR(1 g) = 0.523 W/kg ; SAR(10 g) = 0.295 W/kg

Maximum value of SAR (measured) = 0.632 W/kg



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Test Laboratory: GTA-Beijing

HSL1900

DUT: PM-0817-BV; Type: PM-0817-BV; Serial:CB5A21CLJ0

Communication System: UID 0, UMTS_band2 (0); Communication System Band: Exported from older format (data unavailable - please correct).; Frequency: 1852.4 MHz; Communication System PAR: 0 dB; PMF: 1

Medium parameters used (interpolated): $f = 1852.4 \text{ MHz}$; $\sigma = 1.359 \text{ S/m}$; $\epsilon_r = 38.384$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: ES3DV3 - SN3295; ConvF(5.11, 5.11, 5.11); Calibrated: 3/14/2014;
 - Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1437; Calibrated: 7/8/2014
- Phantom: SAM with CRP v5.0 #1697; Type: QD000P40CD; Serial: TP1697
- DASYS2 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head_UMTS Band II/Area Scan (61x101x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

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

Configuration/Head_UMTS Band II/Zoom Scan (7x7x7)/Cube 0: Measurement grid:

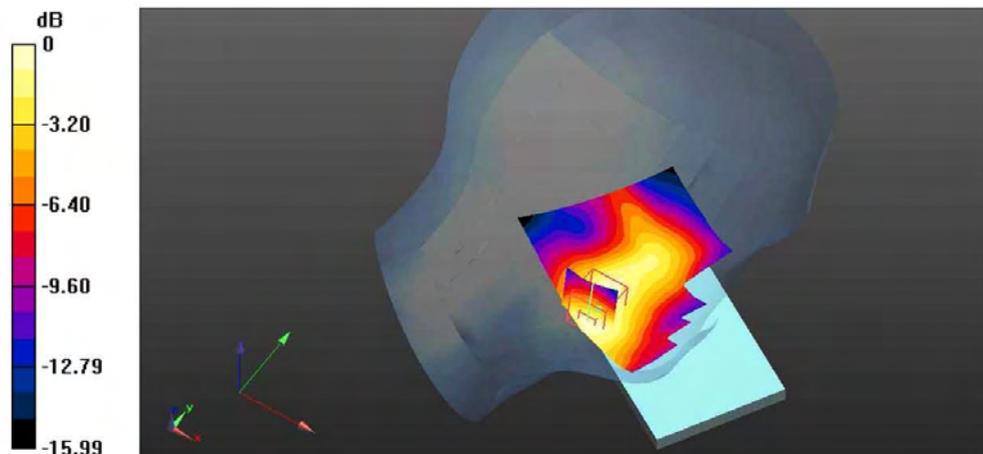
$dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 6.277 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.570 W/kg

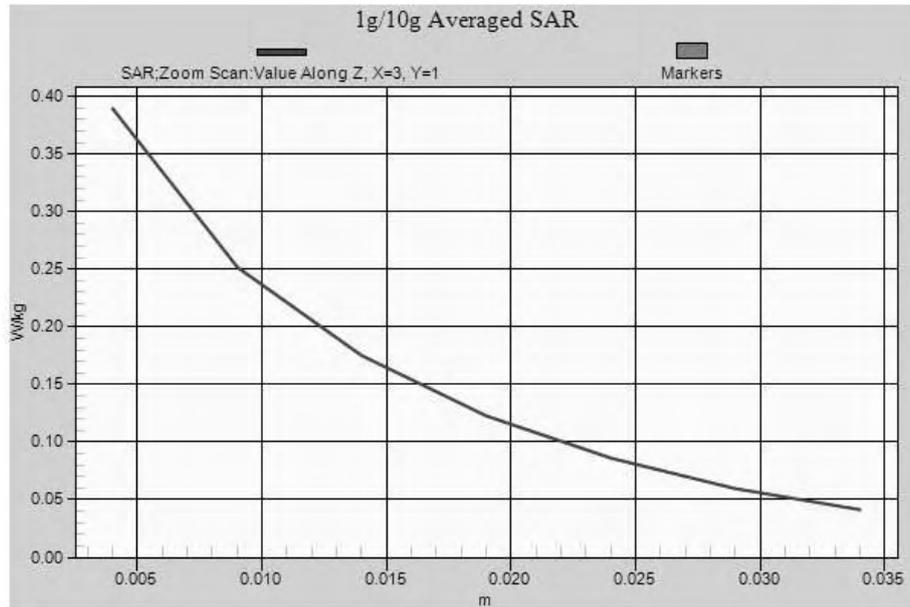
SAR(1 g) = 0.352 W/kg; SAR(10 g) = 0.224 W/kg

Maximum value of SAR (measured) = 0.389 W/kg



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$$0 \text{ dB} = 0.389 \text{ W/kg} = -4.10 \text{ dBW/kg}$$



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Test Laboratory: GTA-Beijing

UMTS B5_Body_20150210

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

Communication System: UID 0, UMTS_band5 (0); Communication System Band: Exported from older format (data unavailable - please correct).; Frequency: 836.6 MHz; Communication System PAR: 0 dB; PMF: 1

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;
 - Modulation Compensation:
- 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/UMTS B5_Right edge_Mid CH Hotspot on Rre-test 2/Area Scan

(41x121x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.291 W/kg

Configuration/UMTS B5_Right edge_Mid CH Hotspot on Rre-test 2/Zoom Scan

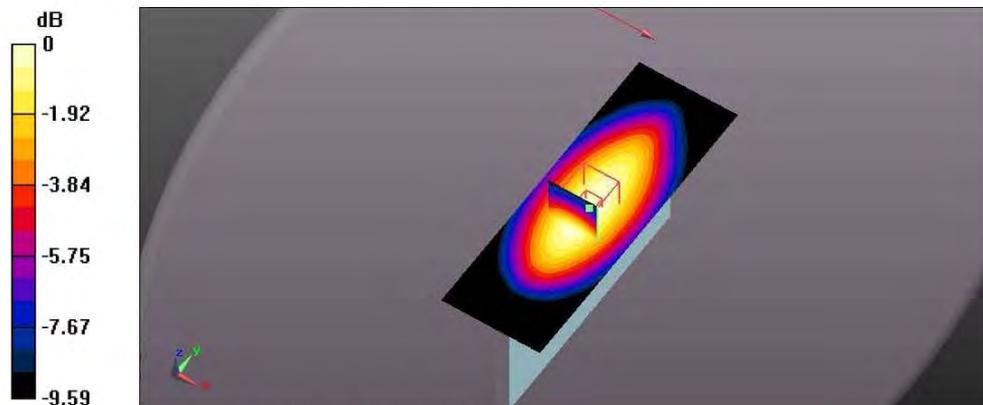
(7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 17.26 V/m; Power Drift = -0.04 dB

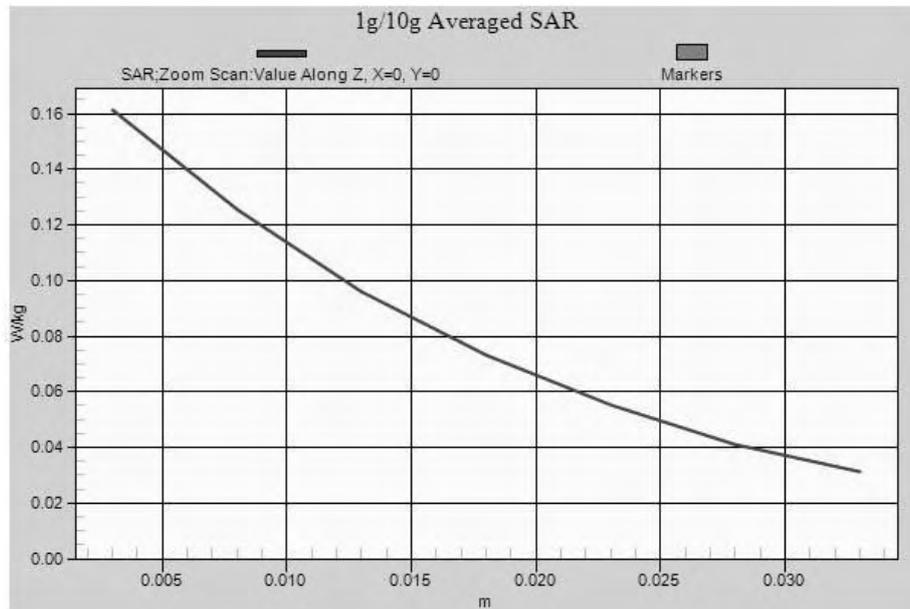
Peak SAR (extrapolated) = 0.360 W/kg

SAR(1 g) = 0.249 W/kg; SAR(10 g) = 0.169 W/kg

Maximum value of SAR (measured) = 0.287 W/kg



0 dB = 0.287 W/kg = -5.42 dBW/kg



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Test Laboratory: GTA-Beijing

UMTS B5_Left head

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

Communication System: UID 0, UMTS_band5 (0); Communication System Band: Exported from older format (data unavailable - please correct).; Frequency: 836.6 MHz; Communication System PAR: 0 dB; PMF: 1

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;
 - Modulation Compensation:
- 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/UMTS B5_Left Cheek_Mid CH/Area Scan (101x161x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.200 W/kg

Configuration/UMTS B5_Left Cheek_Mid CH/Zoom Scan (7x8x7)/Cube 0:

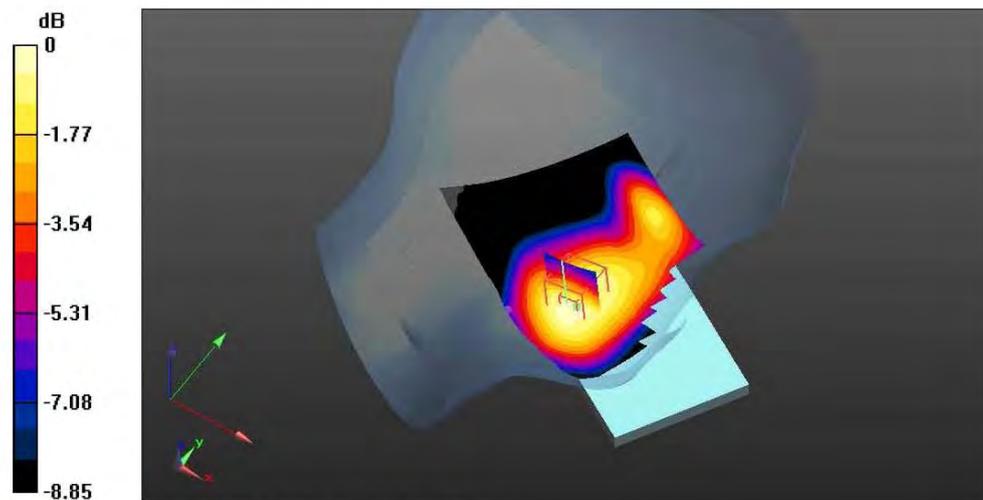
Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 2.880 V/m; Power Drift = 0.42 dB

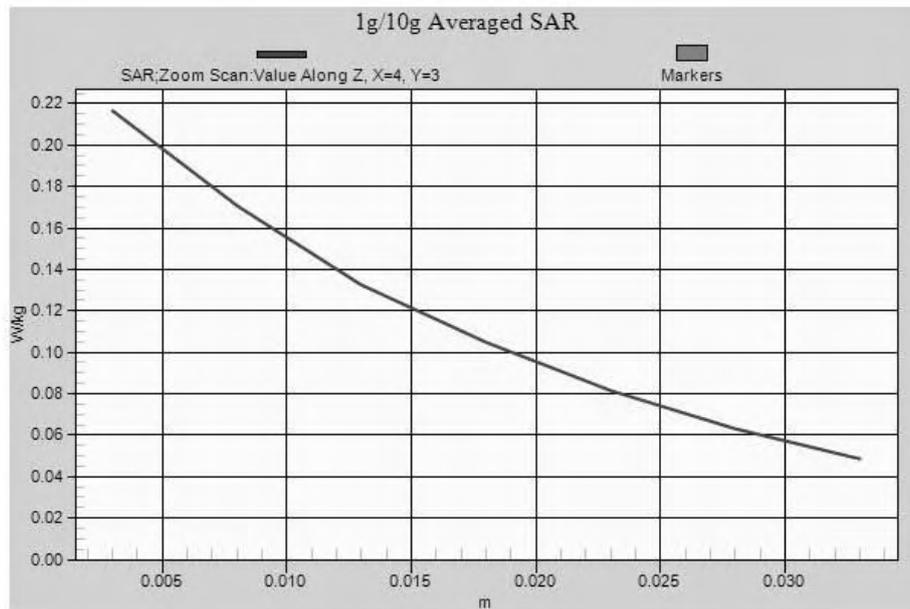
Peak SAR (extrapolated) = 0.251 W/kg

SAR(1 g) = 0.197 W/kg; SAR(10 g) = 0.148 W/kg

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



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Date/Time: 2/15/2015 4:33:00 PM

Test Laboratory: GTA-Beijing

LTE Band7_Body_10mm_20150215

DUT: PM-0817-BV; Type: PM-0817-BV; Serial: CB5A21CLQU

Communication System: UID 0, LTE-FDD(SC-FDMA,1RB,20MHz,QPSK) (0); Communication System Band: Band7; Frequency: 2510 MHz; Communication System PAR: 0 dB; PMF: 1

Medium parameters used: $f = 2510 \text{ MHz}$; $\sigma = 1.962 \text{ S/m}$; $\epsilon_r = 50.534$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Center Section

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

DASY Configuration:

- Probe: ES3DV3 - SN3169; ConvF(3.92, 3.92, 3.92); Calibrated: 12/16/2014;
- 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: 12/15/2014
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: xxxx
- DASYS2 52.8.8(1222); SEMCAD X 14.6.10(7331)

LTE Band7_Body_20MHz/LTE Band7_Back_Low channel_1RB offset

0_10mm_Add zoom scan/Area Scan (171x91x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) = 0.873 W/kg

LTE Band7_Body_20MHz/LTE Band7_Back_Low channel_1RB offset

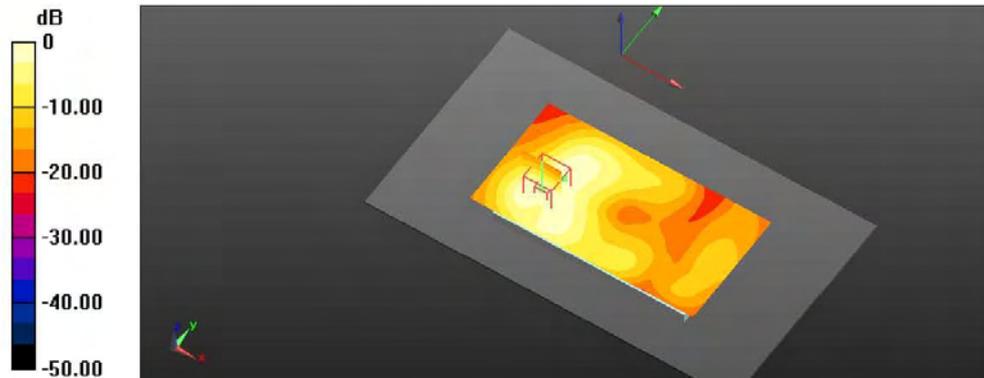
0_10mm_Add zoom scan/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 2.184 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.36 W/kg

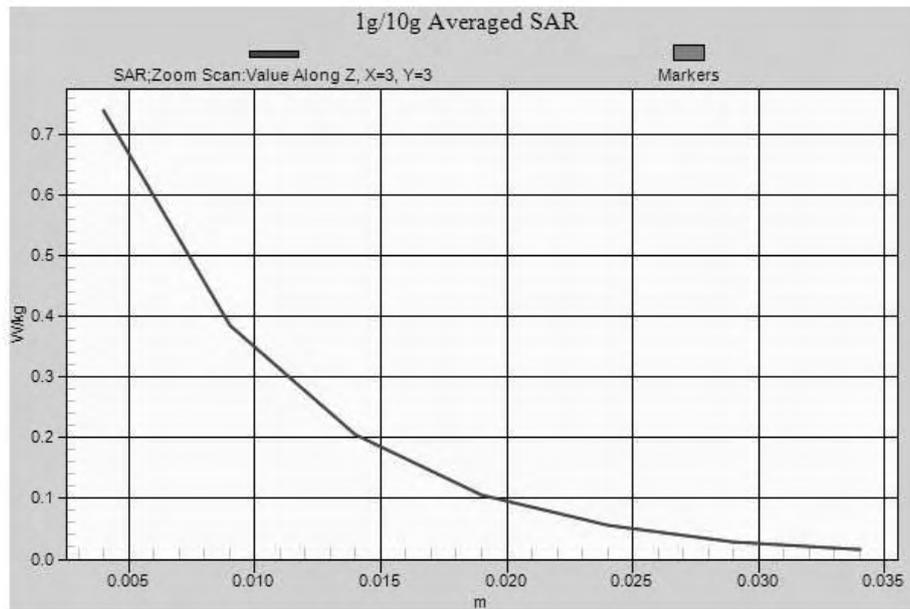
SAR(1 g) = 0.667 W/kg; SAR(10 g) = 0.351 W/kg

Maximum value of SAR (measured) = 0.739 W/kg



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$$0 \text{ dB} = 0.739 \text{ W/kg} = -1.31 \text{ dBW/kg}$$



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Test Laboratory: GTA-Beijing

LTE Band 7_Left_head

DUT: PM-0817-BV; Type: PM-0817-BV; Serial: CB5A21CLJ0

Communication System: UID 0, LTE-FDD(SC-FDMA,1RB,20MHz,QPSK) (0); Communication System Band: Band7,E-UTRA/FDD(2500-2570MHz); Frequency: 2560 MHz; Communication System PAR: 0 dB; PMF: 1

Medium parameters used: f = 2560 MHz; $\sigma = 1.998$ S/m; $\epsilon_r = 39.568$; $\rho = 1000$ kg/m³

Phantom section: Left Section

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

DASY Configuration:

- Probe: ES3DV3 - SN3295; ConvF(4.34, 4.34, 4.34); Calibrated: 3/14/2014;
- Sensor-Surface: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1437; Calibrated: 7/8/2014
- Phantom: SAM with CRP v5.0#1696; Type: QD000P40CD; Serial: TP:1696
- DASYS2 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/LTE B7_Left Cheek_High CH_1RB offset 99/Area Scan (101x161x1):

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

Maximum value of SAR (interpolated) = 0.707 W/kg

Configuration/LTE B7_Left Cheek_High CH_1RB offset 99/Zoom Scan

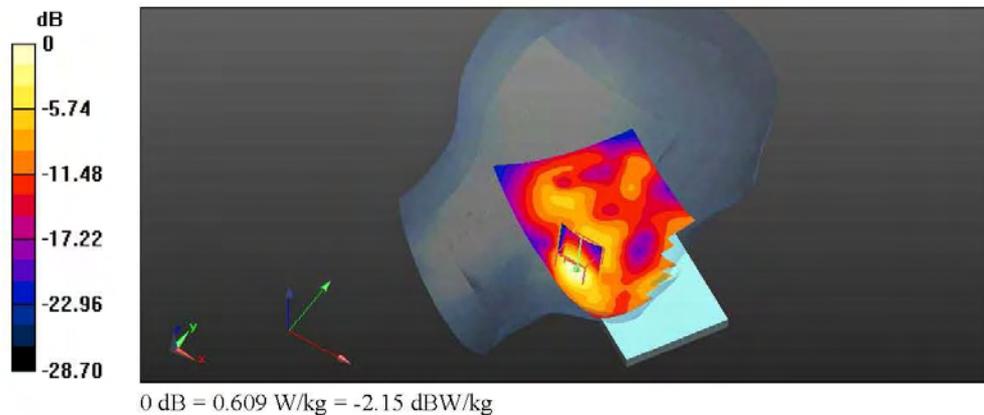
(7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.094 V/m; Power Drift = 0.20 dB

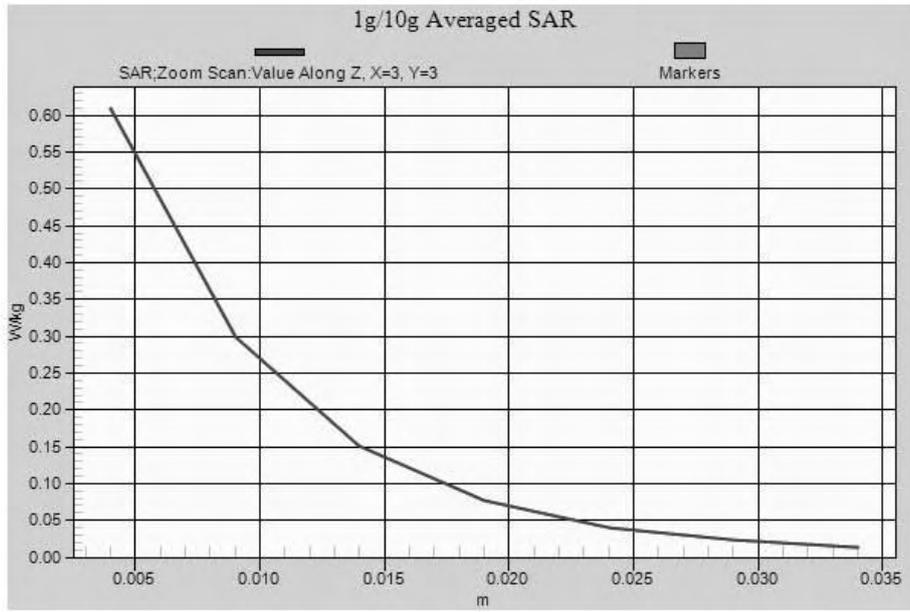
Peak SAR (extrapolated) = 1.29 W/kg

SAR(1 g) = 0.518 W/kg; SAR(10 g) = 0.208 W/kg

Maximum value of SAR (measured) = 0.609 W/kg



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Date/Time: 12/31/2015 12:38:38 PM

Test Laboratory: Product Compliance_Beijing

LTE Band 41_Head_Left Cheek

DUT: PM-0817-BV

Communication System: UID 0, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK) (0); Communication System Band: Band41;
 Frequency: 2506 MHz; Communication System PAR: 1.98 dB; PMF: 1
 Medium parameters used (interpolated): $f = 2506$ MHz; $\sigma = 1.924$ S/m; $\epsilon_r = 37.719$; $\rho = 1000$ kg/m³
 Phantom section: Left Section

DASY Configuration:

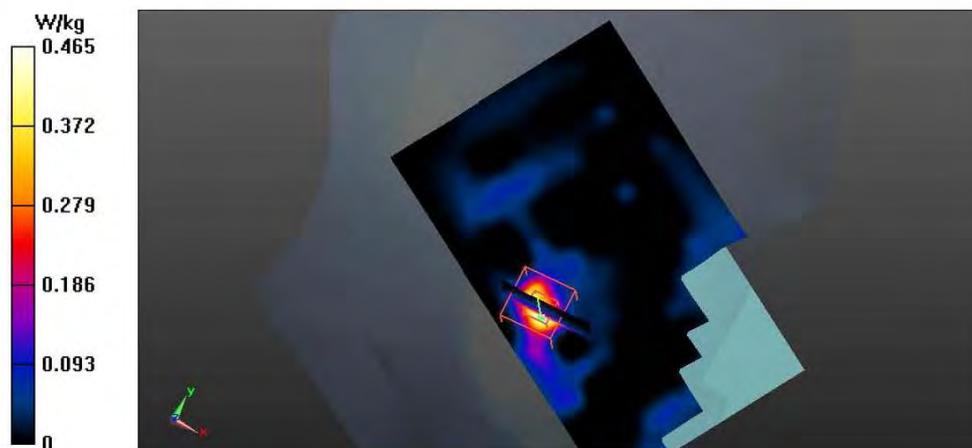
- Probe: EX3DV4 - SN3843; ConvF(6.53, 6.53, 6.53); Calibrated: 3/13/2015;
- Sensor-Surface: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1437; Calibrated: 7/23/2015
- Phantom: SAM Right ; Type: QD000P40CD; Serial: TP:xxxx
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

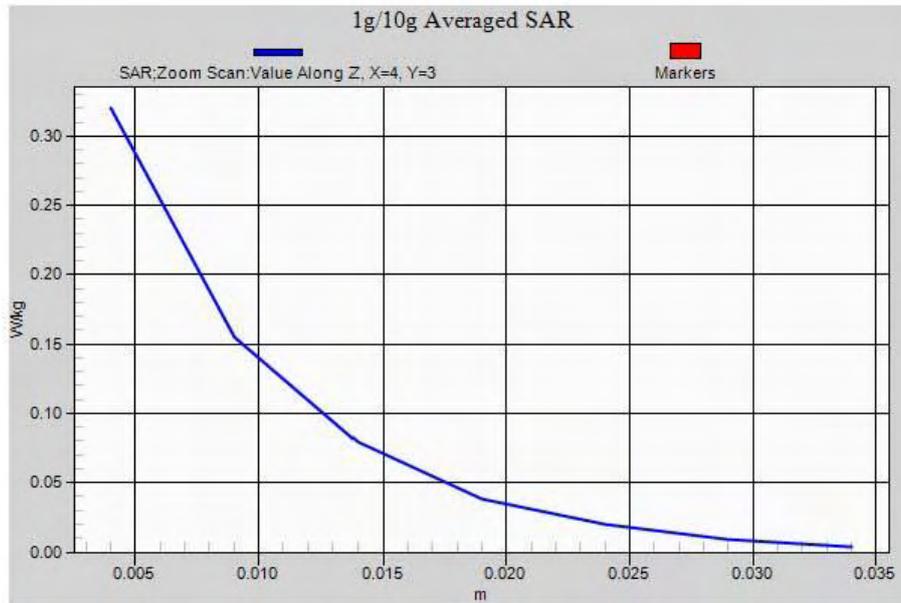
Configuration/LTE B41_Left Cheek_Low CH_1RB offset Low/Area Scan

(101x161x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm
 Maximum value of SAR (interpolated) = 0.465 W/kg

Configuration/LTE B41_Left Cheek_Low CH_1RB offset Low/Zoom Scan (8x8x7)/Cube 0:

Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
 Reference Value = 1.765 V/m; Power Drift = -0.13 dB
 Peak SAR (extrapolated) = 0.701 W/kg
SAR(1 g) = 0.287 W/kg; SAR(10 g) = 0.114 W/kg
 Maximum value of SAR (measured) = 0.320 W/kg





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Test Laboratory: Product Compliance_Beijing

LTE Band41_Body_10mm

DUT: PM-0817-BV

Communication System: UID 0, LTE-TDD(SC-FDMA,1RB,20MHz,QPSK) (0); Communication System Band: Band41;
 Frequency: 2593 MHz;Communication System PAR: 1.98 dB; PMF: 1
 Medium parameters used (interpolated): $f = 2593$ MHz; $\sigma = 2.227$ S/m; $\epsilon_r = 50.444$; $\rho = 1000$ kg/m³
 Phantom section: Center Section

DASY Configuration:

- Probe: EX3DV4 - SN3843; ConvF(6.23, 6.23, 6.23); Calibrated: 3/13/2015;
- Sensor-Surface: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1437; Calibrated: 7/23/2015
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: xxxx
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

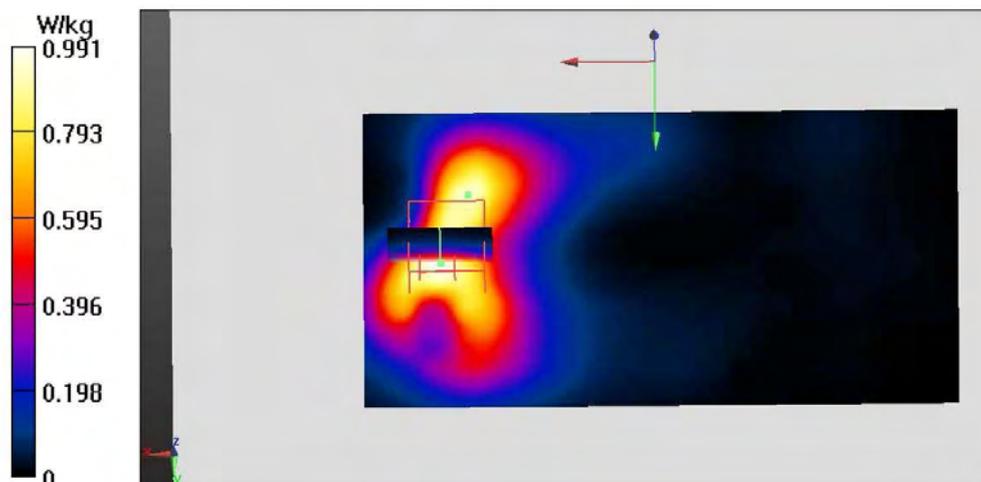
Configuration/LTE Band41_Back_Mid channel_1RB offset49_10mm/Area Scan

(171x91x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm
 Maximum value of SAR (interpolated) = 0.991 W/kg

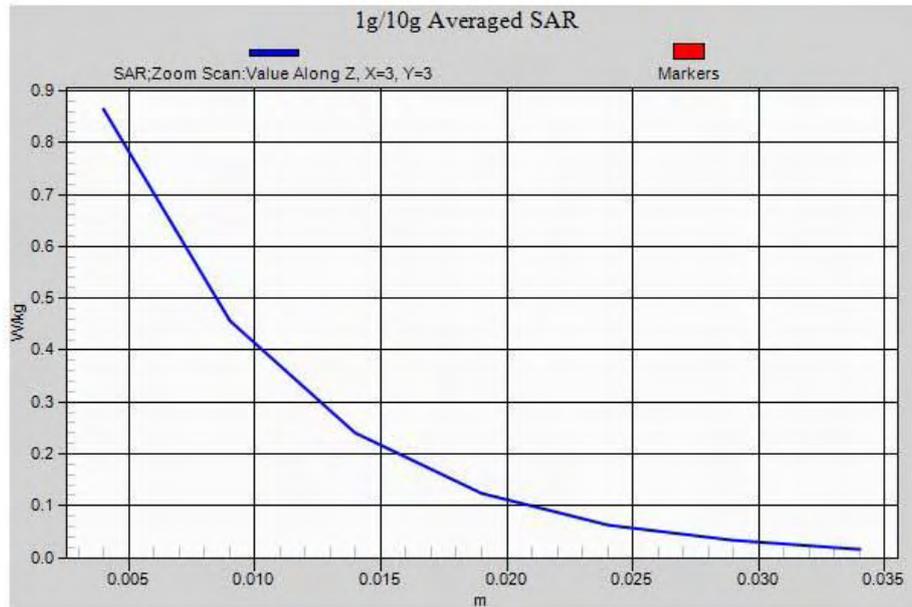
Configuration/LTE Band41_Back_Mid channel_1RB offset49_10mm/Zoom Scan

(7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
 Reference Value = 1.460 V/m; Power Drift = 0.04 dB
 Peak SAR (extrapolated) = 1.51 W/kg
SAR(1 g) = 0.774 W/kg; SAR(10 g) = 0.401 W/kg

Maximum value of SAR (measured) = 0.864 W/kg



file:///C:/Users/28851853/LTE%20Band41_Body_10mm_20151230_FCC-1/LTE%20... 1/28/2016



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Test Laboratory: The name of your organization

2.4G Wifi Body_20150313

DUT: PM-0817-BV; Type: PM-0817-BV; Serial: CB5A215BL3

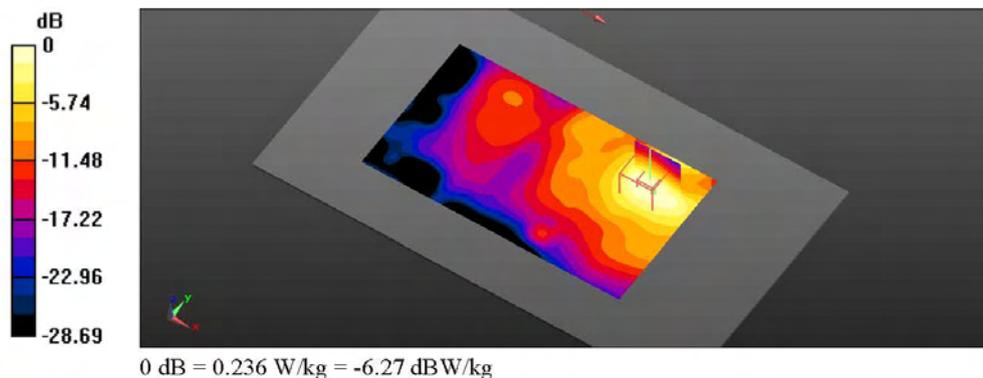
Communication System: UID 0, WLAN (0); Communication System Band: Wlan 2.45GHz;
Frequency: 2437 MHz; Communication System PAR: 0 dB; PMF: 1
Medium parameters used (interpolated): $f = 2437 \text{ MHz}$; $\sigma = 1.862 \text{ S/m}$; $\epsilon_r = 50.771$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Center Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

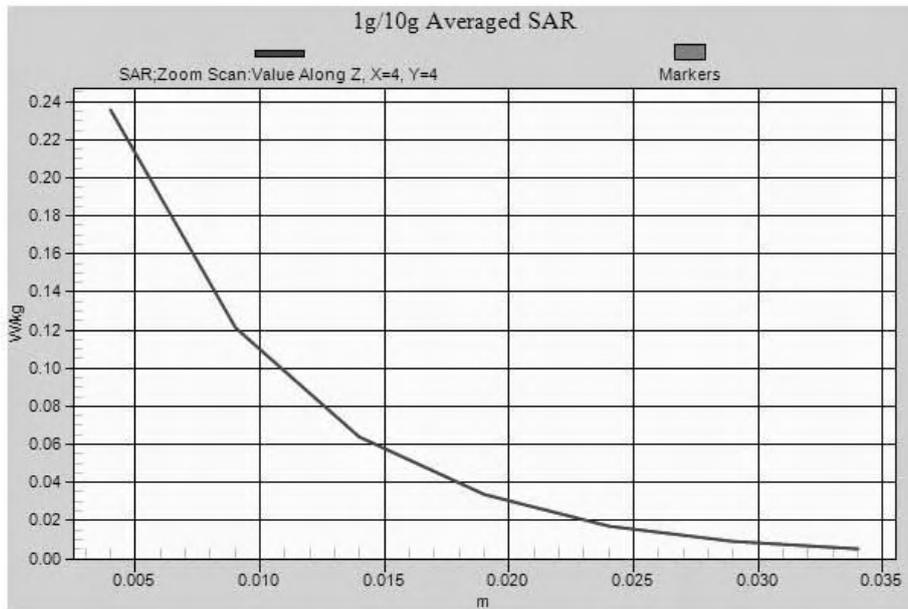
DASY Configuration:

- Probe: ES3DV3 - SN3295; ConvF(4.23, 4.23, 4.23); Calibrated: 3/14/2014;
 - Modulation Compensation:
- 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: 12/15/2014
- 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/Body Wlan 2.45G Back_CH6 2/Area Scan (141x81x1): Interpolated grid:
 $dx=1.200 \text{ mm}$, $dy=1.200 \text{ mm}$
Maximum value of SAR (interpolated) = 0.276 W/kg

Configuration/Body Wlan 2.45G Back_CH6 2/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$
Reference Value = 2.932 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.441 W/kg
SAR(1 g) = 0.213 W/kg; SAR(10 g) = 0.100 W/kg
Maximum value of SAR (measured) = 0.236 W/kg





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Date/Time: 3/12/2015 10:44:10 AM

Test Laboratory: GTA-Beijing

2.4G Wifi Left head_20150312

DUT: PM-0817-BV; Type: PM-0817-BV; Serial: CB5A215BL3

Communication System: UID 0, WLAN (0); Communication System Band: 802.11b; Frequency: 2462 MHz; Communication System PAR: 0 dB; PMF: 1
Medium parameters used (interpolated): $f = 2462$ MHz; $\sigma = 1.773$ S/m; $\epsilon_r = 40.011$; $\rho = 1000$ kg/m³
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

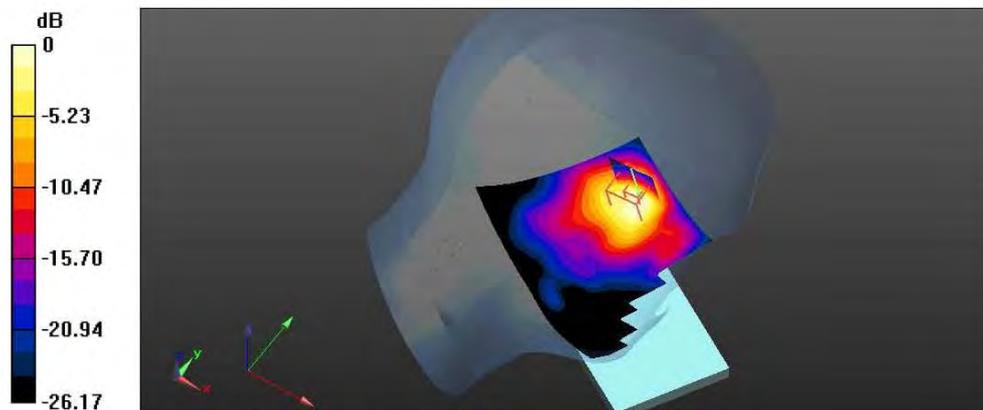
- Probe: ES3DV3 - SN3295; ConvF(4.53, 4.53, 4.53); Calibrated: 3/14/2014;
 - Modulation Compensation:
- Sensor-Surface: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used)),
Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1437; Calibrated: 7/8/2014
- Phantom: SAM with CRP v5.0#1696; Type: QD000P40CD; Serial: TP:1696
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head_Left cheek_CH11/Area Scan (91x151x1): Interpolated grid:

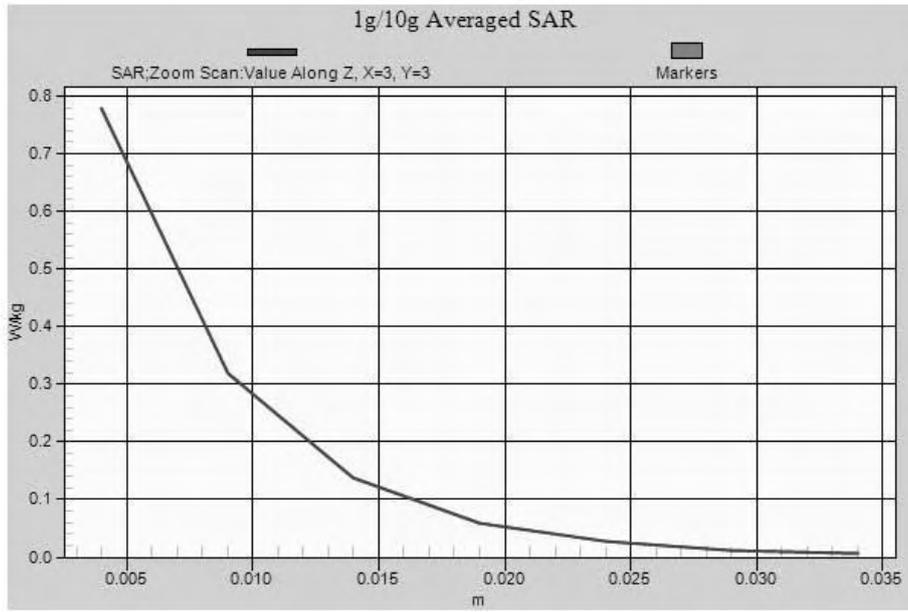
$dx=1.200$ mm, $dy=1.200$ mm
Maximum value of SAR (interpolated) = 0.753 W/kg

Configuration/Head_Left cheek_CH11/Zoom Scan (7x7x7)/Cube 0: Measurement grid:

$dx=5$ mm, $dy=5$ mm, $dz=5$ mm
Reference Value = 2.695 V/m; Power Drift = 0.54 dB
Peak SAR (extrapolated) = 2.06 W/kg
SAR(1 g) = 0.658 W/kg; SAR(10 g) = 0.255 W/kg
Maximum value of SAR (measured) = 0.778 W/kg



0 dB = 0.778 W/kg = -1.09 dBW/kg



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Test Laboratory: GTA-Beijing

MSL5G

DUT: PM-0817-BV; Type: PM-0817-BV; Serial: CB5A215BL3

Communication System: UID 0, WLAN (0); Communication System Band: Wlan 5GHz; Frequency: 5240 MHz; Communication System PAR: 0 dB; PMF: 1

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: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: EX3DV4 - SN7306; ConvF(4.68, 4.68, 4.68); Calibrated: 7/16/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn854; Calibrated: 12/15/2014
- 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/Body Wlan 5G Back_CH48/Area Scan (161x101x1): Interpolated grid:

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

Maximum value of SAR (interpolated) = 0.220 W/kg

Configuration/Body Wlan 5G Back_CH48/Zoom Scan (7x7x12)/Cube 0: Measurement

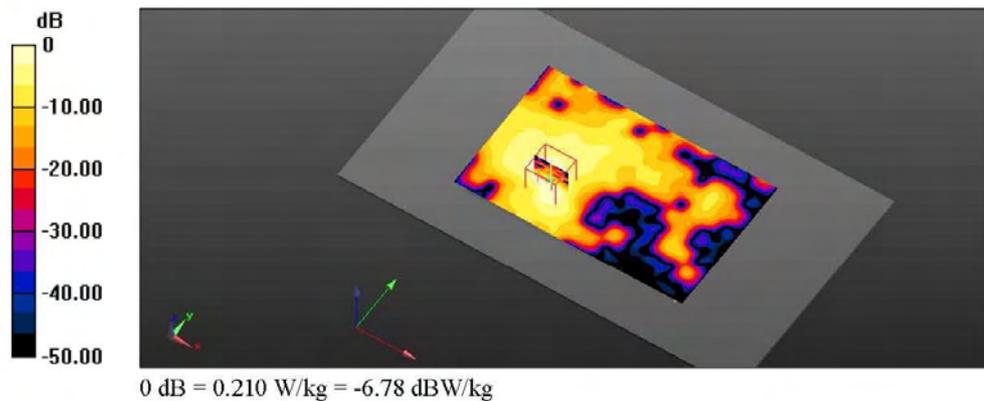
grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

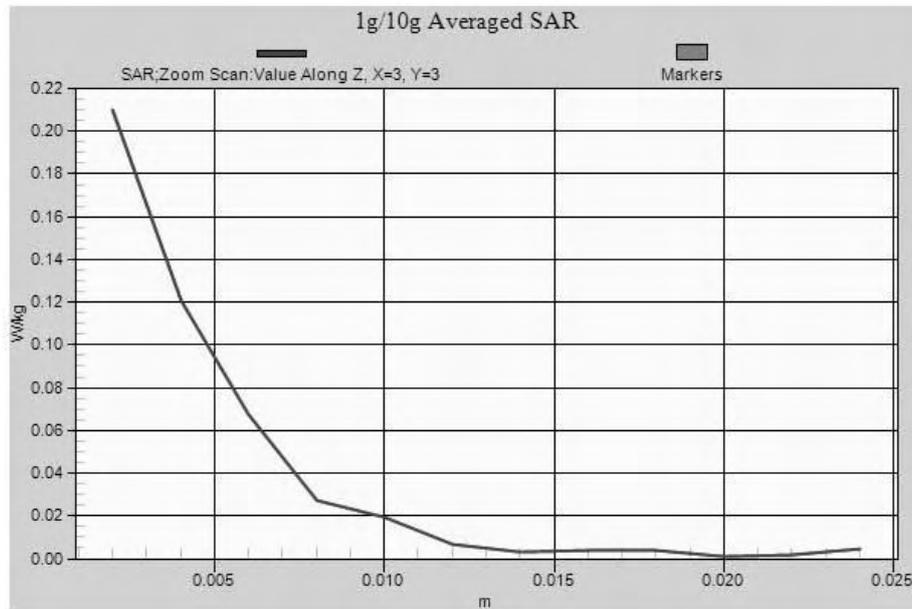
Reference Value = 1.349 V/m; Power Drift = -0.79 dB

Peak SAR (extrapolated) = 0.366 W/kg

SAR(1 g) = 0.107 W/kg; SAR(10 g) = 0.037 W/kg

Maximum value of SAR (measured) = 0.210 W/kg





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Test Laboratory: GTA-Beijing

5G Wifi head_20150305

DUT: PM-0817-BV; Type: PM-0817-BV; Serial: CB5A215BL3

Communication System: UID 0, WLAN (0); Communication System Band: Wlan 5GHz; Frequency: 5280 MHz; Communication System PAR: 0 dB; PMF: 1

Medium parameters used: $f = 5280 \text{ MHz}$; $\sigma = 4.783 \text{ S/m}$; $\epsilon_r = 34.33$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: EX3DV4 - SN7306; ConvF(4.85, 4.85, 4.85); Calibrated: 7/16/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn854; Calibrated: 12/15/2014
- Phantom: SAM near door; Type: QD000P40CD; Serial: TP:xxxx
- DASYS2 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/802.11a_Left head cheek_CH56/Area Scan (101x161x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) = 1.16 W/kg

Configuration/802.11a_Left head cheek_CH56/Zoom Scan (7x7x12)/Cube 0:

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

Reference Value = 7.342 V/m; Power Drift = -0.71 dB

Peak SAR (extrapolated) = 2.40 W/kg

SAR(1 g) = 0.518 W/kg; SAR(10 g) = 0.137 W/kg

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

