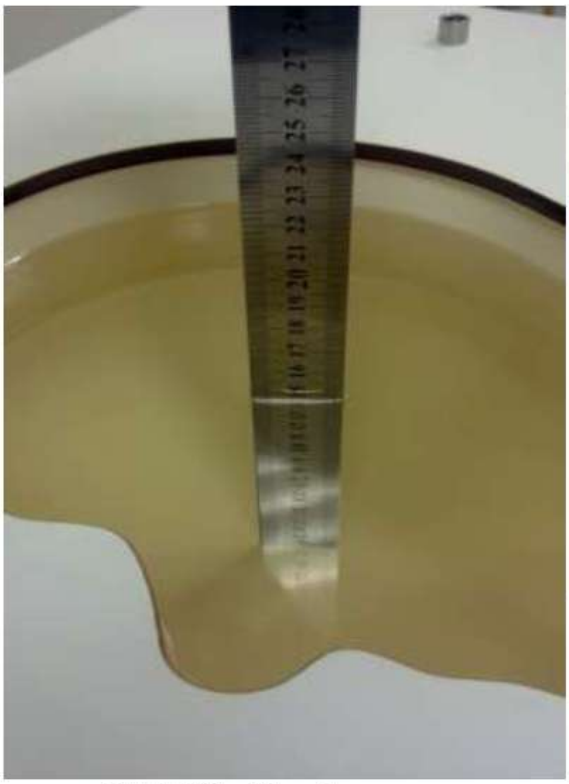
APPENDIX A: LIQUID DEPTH

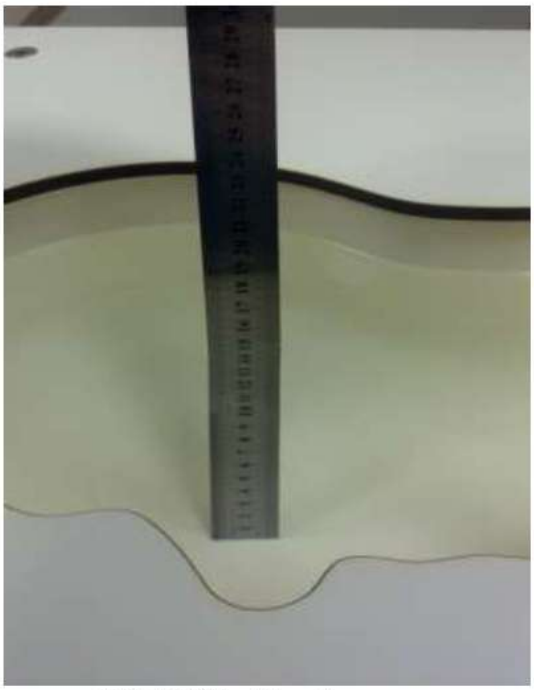


850MHz Head

850MHz Body

1800MHz Head

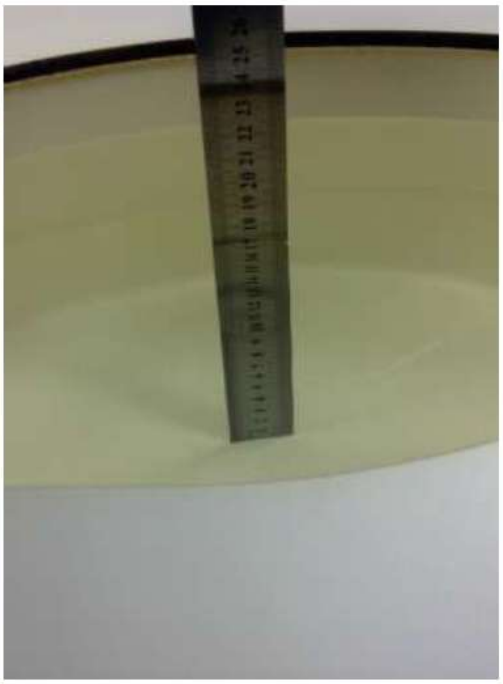
1800MHz Body



1900MHz Head

1900MHz Body

2450MHz Head



2450MHz Body

APPENDIX B: SYSTEM VALIDATION RESULTS

Date/Time: 7/26/2014 10:55:48 AM

Test Laboratory: GTA-Beijing

HSL750_System validation_20140726

DUT: Dipole 750 MHz D750V3; Type: D750V3; Serial: D750V3 - SN:1055

Communication System: UID 0, CW; Communication System Band: D750 (750.0 MHz); Frequency: 750 MHz;Communication System PAR: 0 dB; PMF: 1

Medium parameters used: f = 750 MHz; σ = 0.894 S/m; ε_r = 42.508; ρ = 1000 kg/m^3

Phantom section: Flat Section

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

DASY Configuration:

- Probe: ES3DV3 - SN3169; ConvF(6.56, 6.56, 6.56); Calibrated: 12/19/2013;
  - Modulation Compensation:
- 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/Validation/Area Scan (61x201x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Reference Value = 52.63 V/m; Power Drift = -0.07 dB

Fast SAR: SAR(1 g) = 2.06 W/kg; SAR(10 g) = 1.37 W/kg

Maximum value of SAR (interpolated) = 2.37 W/kg

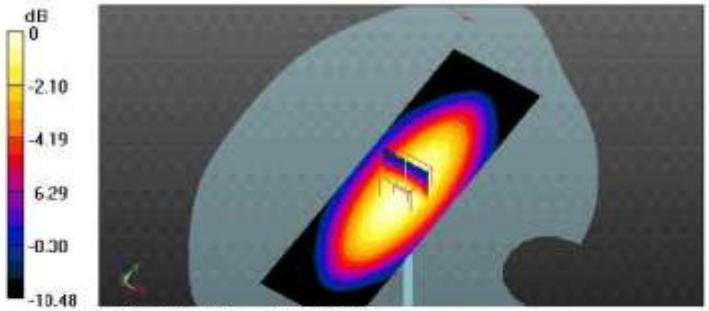
Configuration/Validation/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 52.63 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 3.06 W/kg

SAR(1 g) = 2.02 W/kg; SAR(10 g) = 1.32 W/kg

Maximum value of SAR (measured) = 2.37 W/kg



0 dB = 2.37 W/kg = 3.75 dBW/kg

Date/Time: 7/10/2014 10:51:25 AM

Test Laboratory: GTA-Beijing

GSM835 Head Validation_20140710

DUT: Dipole 835 MHz; Type: D835V2; Serial: D835V2 - SN:4d061

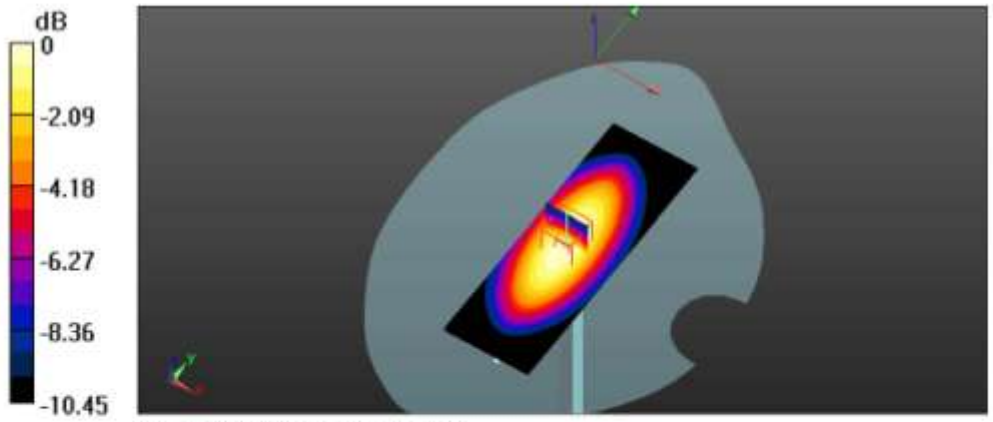
Communication System: UID 0, CW; Frequency: 835 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used: f = 835 MHz; σ = 0.883 S/m; ε_r = 41.411; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ES3DV3 - SN3170; ConvF(6.39, 6.39, 6.39); Calibrated: 12/19/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), Sensor-Surface: 0mm (Fix Surface), z = 2.0, 107.0, 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/835MHz Head_Validation/Area Scan (61x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 2.63 W/kg

Configuration/835MHz Head_Validation/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 55.03 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 3.36 W/kg
SAR(1 g) = 2.26 W/kg; SAR(10 g) = 1.48 W/kg
Maximum value of SAR (measured) = 2.65 W/kg



0 dB = 2.65 W/kg = 4.23 dBW/kg

Date/Time: 7/22/2014 11:34:47 AM

Test Laboratory: GTA-Beijing

GSM835 Head Validation_20140722

DUT: Dipole 835 MHz; Type: D835V2; Serial: D835V2 - SN:4d061

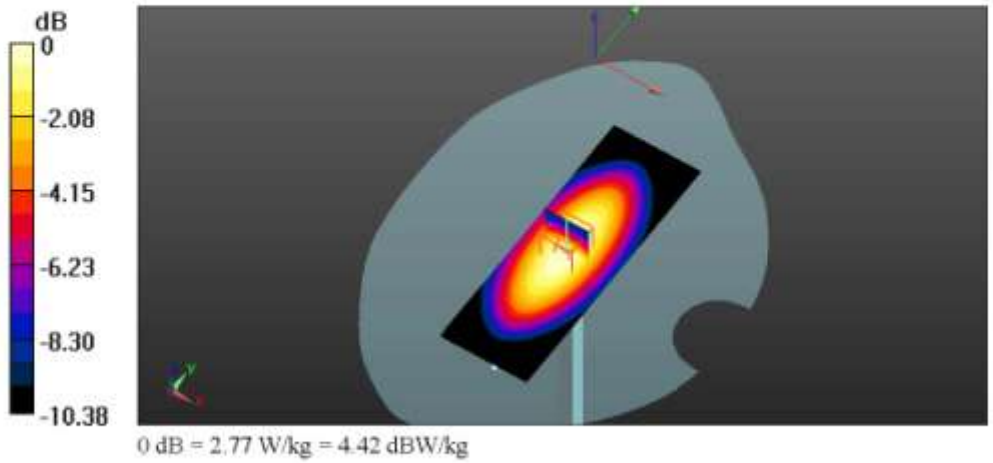
Communication System: UID 0, CW; Frequency: 835 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used: f = 835 MHz; σ = 0.923 S/m; ε_r = 42.614; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

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/835MHz Head_Validation/Area Scan (61x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Reference Value = 55.46 V/m; Power Drift = 0.00 dB
Fast SAR: SAR(1 g) = 2.38 W/kg; SAR(10 g) = 1.57 W/kg
Maximum value of SAR (interpolated) = 2.75 W/kg

Configuration/835MHz Head_Validation/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 55.46 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 3.53 W/kg
SAR(1 g) = 2.37 W/kg; SAR(10 g) = 1.55 W/kg
Maximum value of SAR (measured) = 2.77 W/kg



0 dB = 2.77 W/kg = 4.42 dBW/kg

Date/Time: 7/30/2014 12:53:36 PM

Test Laboratory: GTA-Beijing

GSM835 Head Validation_20140730

DUT: Dipole 835 MHz; Type: D835V2; Serial: D835V2 - SN:4d061

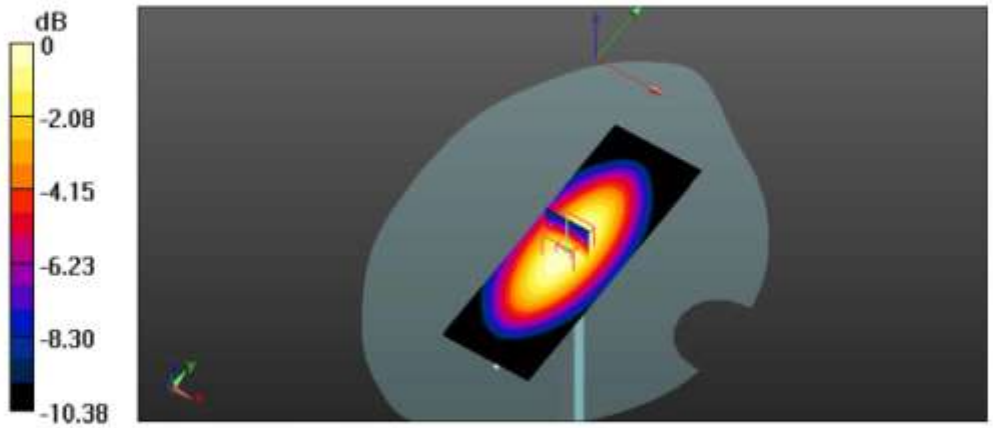
Communication System: UID 0, CW; Frequency: 835 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used: f = 835 MHz; σ = 0.904 S/m; ε_r = 43.123; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ES3DV3 - SN3169; ConvF(6.33, 6.33, 6.33); 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/835MHz Head_Validation/Area Scan (61x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 2.63 W/kg

Configuration/835MHz Head_Validation/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 54.62 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 3.35 W/kg
SAR(1 g) = 2.24 W/kg; SAR(10 g) = 1.47 W/kg
Maximum value of SAR (measured) = 2.63 W/kg



0 dB = 2.63 W/kg = 4.20 dBW/kg

Date/Time: 7/17/2014 12:39:31 PM

Test Laboratory: GTA-Beijing

GSM1800 Head_Validation_20140717

DUT: Dipole 1800 MHz D1800V2; Type: D1800V2; Serial: SN:2d158

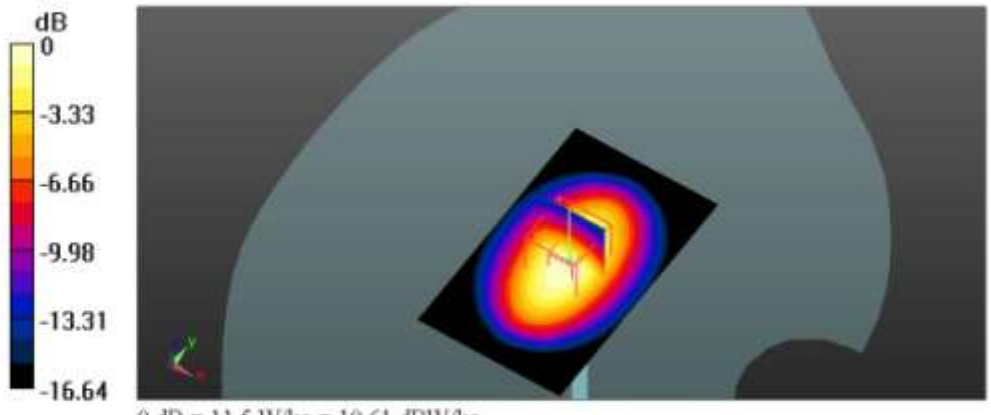
Communication System: UID 10000, CW; Communication System Band: D1800 (1800.0 MHz);
Frequency: 1800 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used: f = 1800 MHz; σ = 1.408 S/m; ε_r = 40.056; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

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

Configuration/Validation/Area Scan (61x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 11.4 W/kg

Configuration/Validation/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 94.29 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 15.9 W/kg
SAR(1 g) = 9.08 W/kg; SAR(10 g) = 4.83 W/kg
Maximum value of SAR (measured) = 11.5 W/kg



0 dB = 11.5 W/kg = 10.61 dBW/kg

Date/Time: 7/18/2014 2:02:21 PM

Test Laboratory: GTA-Beijing

GSM1800 Head_Validation_20140718

DUT: Dipole 1800 MHz D1800V2; Type: D1800V2; Serial: SN:2d158

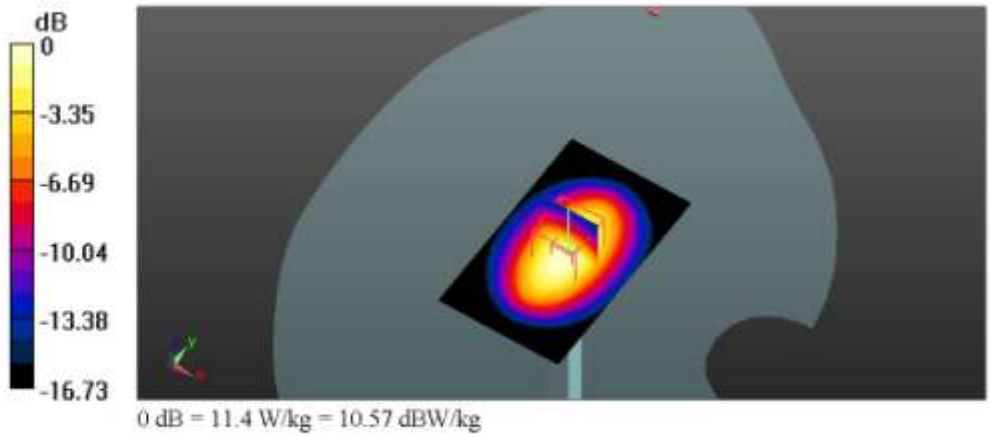
Communication System: UID 10000, CW; Communication System Band: D1800 (1800.0 MHz); Frequency: 1800 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used: f = 1800 MHz; σ = 1.417 S/m; ε_r = 39.691; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

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

Configuration/Validation/Area Scan (61x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 11.4 W/kg

Configuration/Validation/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 93.42 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 15.8 W/kg
SAR(1 g) = 9 W/kg; SAR(10 g) = 4.76 W/kg
Maximum value of SAR (measured) = 11.4 W/kg



0 dB = 11.4 W/kg = 10.57 dBW/kg

Date/Time: 7/20/2014 9:58:58 AM

Test Laboratory: GTA-Beijing

GSM1800 Head_Validation_20140720

DUT: Dipole 1800 MHz D1800V2; Type: D1800V2; Serial: SN:2d158

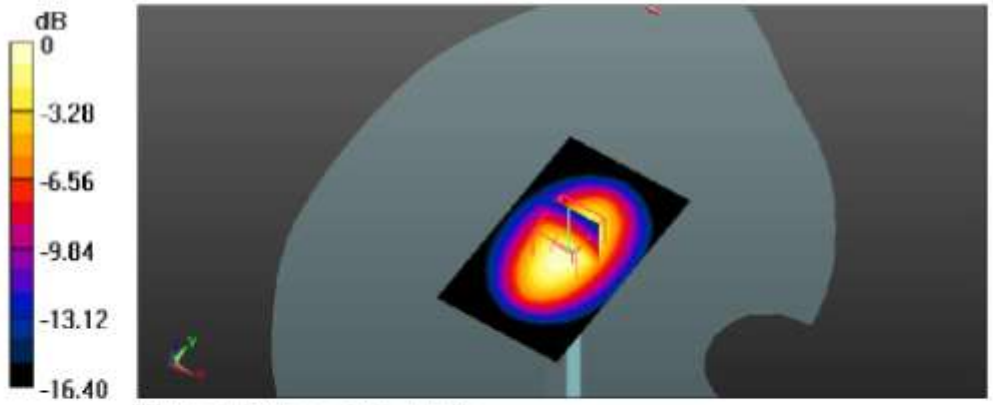
Communication System: UID 10000, CW; Communication System Band: D1800 (1800.0 MHz); Frequency: 1800 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used: f = 1800 MHz; σ = 1.433 S/m; ε_r = 39.966; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

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

Configuration/Validation/Area Scan (61x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 11.5 W/kg

Configuration/Validation/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 92.91 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 15.9 W/kg
SAR(1 g) = 9.09 W/kg; SAR(10 g) = 4.84 W/kg
Maximum value of SAR (measured) = 11.5 W/kg



0 dB = 11.5 W/kg = 10.61 dBW/kg

Date/Time: 7/10/2014 12:52:30 PM

Test Laboratory: GTA-Beijing

HSL1900_System check_20140710

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: D1900V2 - SN:5d093

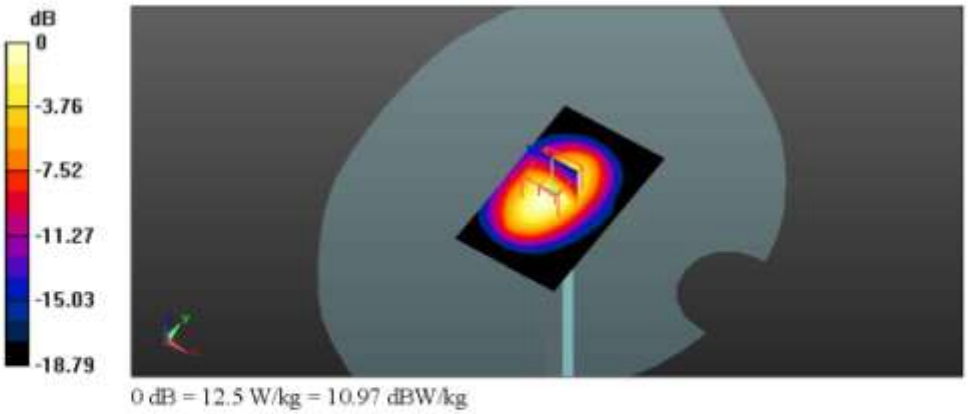
Communication System: UID 0, CW; Communication System Band: D1900 (1900.0 MHz);
Frequency: 1900 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used: f = 1900 MHz; σ = 1.445 S/m; ε_r = 38.95; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3843; ConvF(7.33, 7.33, 7.33); Calibrated: 2/21/2014;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn854; Calibrated: 12/16/2013
- Phantom: SAM with CRP v5.0 #1697; Type: QD000P40CD; Serial: TP1697
- DASY52 52.8.8(1222), SEMCAD X 14.6.10(7331)

System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=250 mW, dist=3.0mm (ES-Probe)/Area Scan (61x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 12.5 W/kg

System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=250 mW, dist=3.0mm (ES-Probe)/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 84.34 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 18.4 W/kg
SAR(1 g) = 9.76 W/kg; SAR(10 g) = 5.02 W/kg
Maximum value of SAR (measured) = 12.5 W/kg



0 dB = 12.5 W/kg = 10.97 dBW/kg

Date/Time: 7/15/2014 3:46:01 PM

Test Laboratory: GTA-Beijing

HSL1900_System check_20140715

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: D1900V2 - SN:5d093

Communication System: UID 0, CW; Communication System Band: D1900 (1900.0 MHz);
Frequency: 1900 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used: f = 1900 MHz; σ = 1.417 S/m; ε_r = 38.816; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

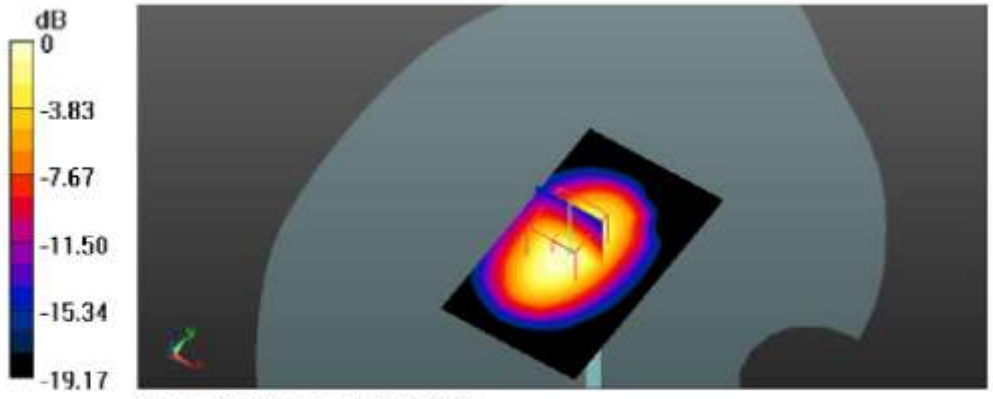
DASY Configuration:

- Probe: EX3DV4 - SN3843; ConvF(7.33, 7.33, 7.33); Calibrated: 2/21/2014;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn854; Calibrated: 12/16/2013
- Phantom: SAM with CRP v5.0 #1697; Type: QD000P40CD; Serial: TP1697
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=250 mW, dist=3.0mm (ES-Probe)/Area Scan (61x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 12.2 W/kg

System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=250 mW, dist=3.0mm (ES-Probe)/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 83.37 V/m; Power Drift = 0.21 dB
Peak SAR (extrapolated) = 18.0 W/kg
SAR(1 g) = 9.6 W/kg; SAR(10 g) = 4.94 W/kg
Maximum value of SAR (measured) = 12.3 W/kg



0 dB = 12.3 W/kg = 10.90 dBW/kg

Date/Time: 7/17/2014 9:51:47 AM

Test Laboratory: GTA-Beijing

HSL1900_System check_20140717

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: D1900V2 - SN:5d093

Communication System: UID 0, CW; Communication System Band: D1900 (1900.0 MHz);
Frequency: 1900 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used: f = 1900 MHz; σ = 1.423 S/m; ε_r = 38.92; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

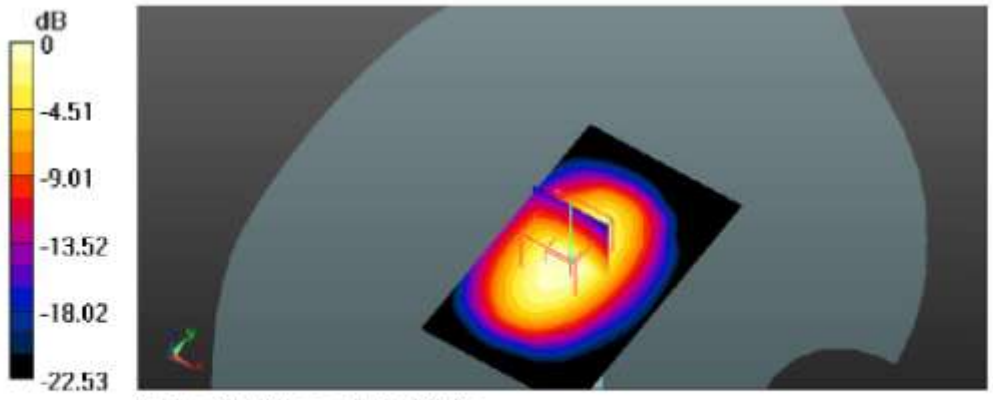
DASY Configuration:

- Probe: EX3DV4 - SN3843; ConvF(7.33, 7.33, 7.33); Calibrated: 2/21/2014;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn854; Calibrated: 12/16/2013
- Phantom: SAM with CRP v5.0 #1697; Type: QD000P40CD; Serial: TP1697
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=250 mW, dist=3.0mm (ES-Probe)/Area Scan (61x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 12.3 W/kg

System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=250 mW, dist=3.0mm (ES-Probe)/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 84.42 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 18.2 W/kg
SAR(1 g) = 9.63 W/kg; SAR(10 g) = 4.9 W/kg
Maximum value of SAR (measured) = 12.4 W/kg



0 dB = 12.4 W/kg = 10.93 dBW/kg

Date/Time: 7/22/2014 10:21:56 AM

Test Laboratory: GTA-Beijing

HSL1900_System check_20140722

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: D1900V2 - SN:5d093

Communication System: UID 0, CW; Communication System Band: D1900 (1900.0 MHz);
Frequency: 1900 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used: f = 1900 MHz; σ = 1.388 S/m; ε_r = 39.268; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

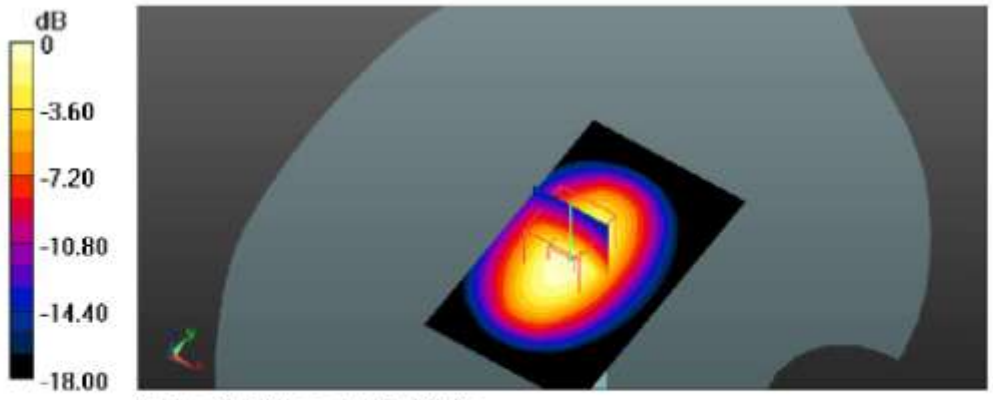
DASY Configuration:

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

System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=250 mW, dist=3.0mm (ES-Probe)/Area Scan (61x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 12.8 W/kg

System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=250 mW, dist=3.0mm (ES-Probe)/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 88.68 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 18.5 W/kg
SAR(1 g) = 10 W/kg; SAR(10 g) = 5.2 W/kg
Maximum value of SAR (measured) = 12.8 W/kg



0 dB = 12.8 W/kg = 11.07 dBW/kg

Date/Time: 7/31/2014 10:21:42 AM

Test Laboratory: GTA-Beijing

HSL1900_System check_20140731

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: D1900V2 - SN:5d093

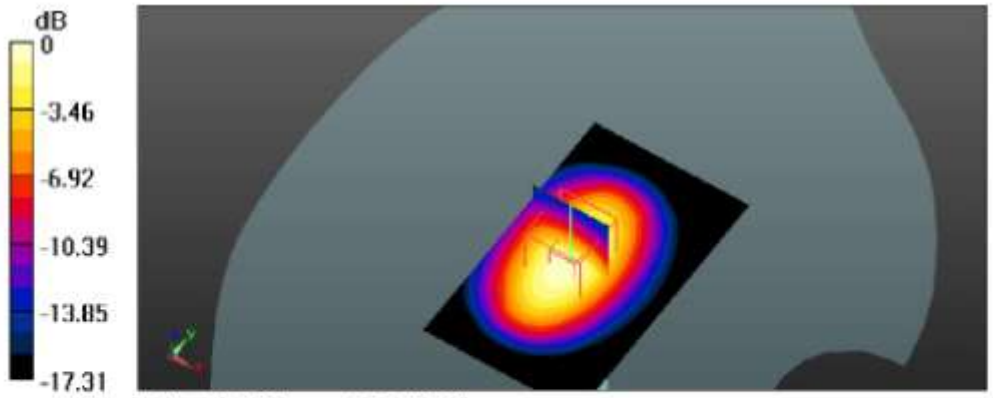
Communication System: UID 0, CW; Communication System Band: D1900 (1900.0 MHz);
Frequency: 1900 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used: f = 1900 MHz; σ = 1.341 S/m; ε_r = 38.775; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ES3DV3 - SN3170; ConvF(5.15, 5.15, 5.15); Calibrated: 12/19/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1326; Calibrated: 2/14/2014
- Phantom: SAM with CRP v5.0 #1697; Type: QD000P40CD; Serial: TP1697
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=250 mW, dist=3.0mm (ES-Probe)/Area Scan (61x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 11.7 W/kg

System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=250 mW, dist=3.0mm (ES-Probe)/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 85.52 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 16.7 W/kg
SAR(1 g) = 9.24 W/kg; SAR(10 g) = 4.82 W/kg
Maximum value of SAR (measured) = 11.8 W/kg



0 dB = 11.8 W/kg = 10.72 dBW/kg

Date/Time: 7/28/2014 1:41:12 PM

Test Laboratory: GTA-Beijing

HSL2450_System Validation_20140728

DUT: Dipole 2450 MHz D2450V2; Type: D2450V2; Serial: D2450V2 - SN:806

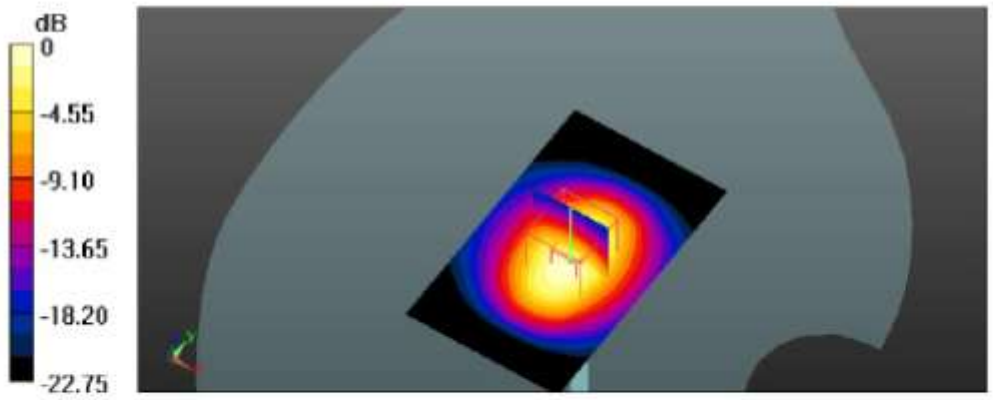
Communication System: UID 0, CW (0); Communication System Band: D2450 (2450.0 MHz); Frequency: 2450 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used: f = 2450 MHz; σ = 1.89 S/m; ε_r = 39.559; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

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/Validation/Area Scan (61x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 17.3 W/kg

Configuration/Validation/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 95.96 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 27.0 W/kg
SAR(1 g) = 13 W/kg; SAR(10 g) = 5.99 W/kg
Maximum value of SAR (measured) = 17.2 W/kg



0 dB = 17.2 W/kg = 12.36 dBW/kg

Date/Time: 7/26/2014 4:53:52 PM

Test Laboratory: GTA-Beijing

HSL 2600_System Validation_20140726

DUT: Dipole 2600 MHz D2600V2; Type: D2600V2; Serial: D2600V2 - SN:1025

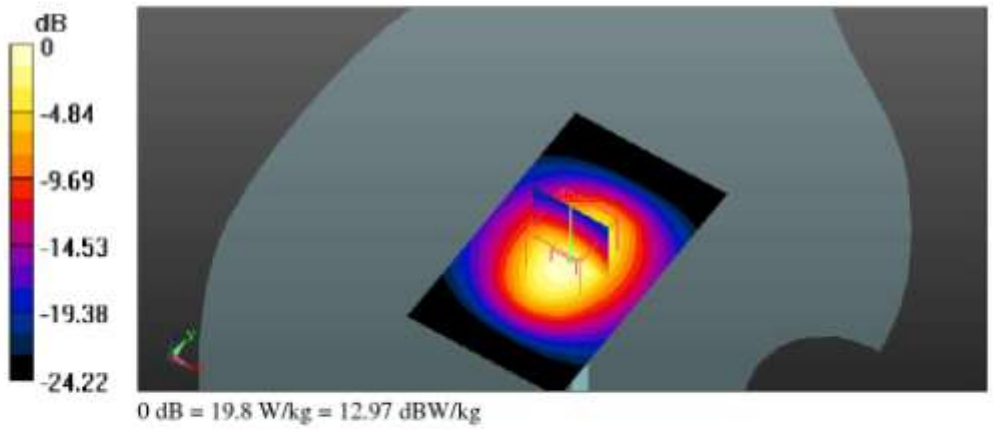
Communication System: UID 0, CW (0); Communication System Band: D2600 (2600.0 MHz); Frequency: 2600 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used: f = 2600 MHz; σ = 2.058 S/m; ε_r = 38.721; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

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
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Validation/Area Scan (61x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 20.1 W/kg

Configuration/Validation/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 101.2 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 32.2 W/kg
SAR(1 g) = 14.7 W/kg; SAR(10 g) = 6.51 W/kg
Maximum value of SAR (measured) = 19.8 W/kg



0 dB = 19.8 W/kg = 12.97 dBW/kg

Date/Time: 7/25/2014 4:20:05 PM

Test Laboratory: GTA-Beijing

5GHZ_ Head Validation_20140725

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

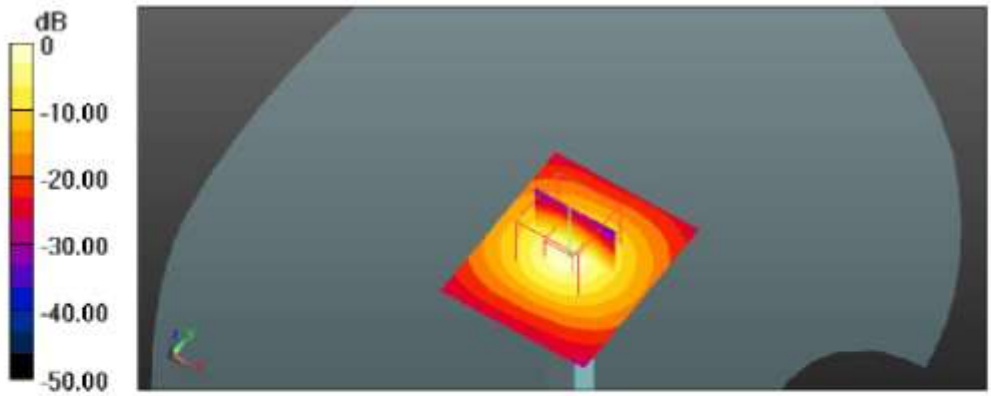
Communication System: UID 0, CW (0); Communication System Band: D5GHz (5000.0 - 6000.0 MHz); Frequency: 5200 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used: f = 5200 MHz; σ = 4.833 S/m; ε_r = 35.761; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI 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: 1.4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1326; Calibrated: 2/14/2014
- Phantom: SAM with CRP v5.0#1696; Type: QD000P40CD; Serial: TP:1696
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/d=10mm, Pin=250 mW, dist=2.0mm (EX-Probe)_5.2G/Area Scan (51x61x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 38.9 W/kg

Configuration/d=10mm, Pin=250 mW, dist=2.0mm (EX-Probe)_5.2G/Zoom Scan (7x7x7) (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 101.6 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 77.4 W/kg
SAR(1 g) = 18.7 W/kg; SAR(10 g) = 5.36 W/kg
Maximum value of SAR (measured) = 46.0 W/kg



0 dB = 46.0 W/kg = 16.63 dBW/kg

Date/Time: 7/25/2014 3:44:11 PM

Test Laboratory: GTA-Beijing

5GHZ_ Head Validation_20140725

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

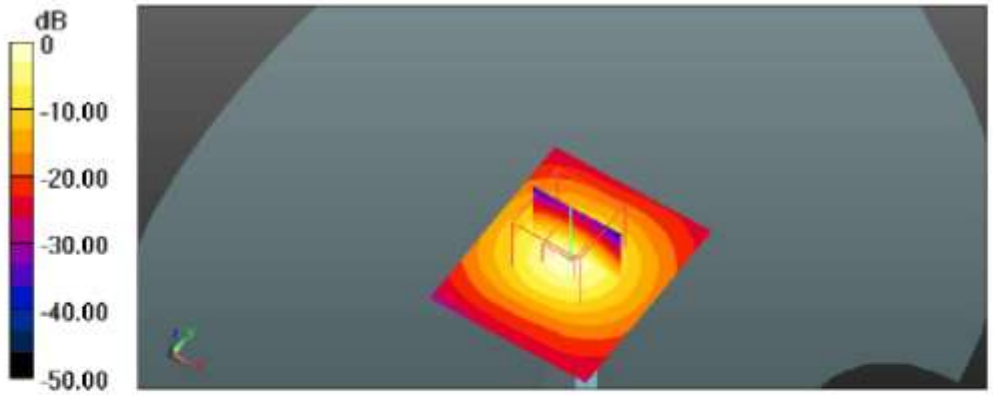
Communication System: UID 0, CW (0); Communication System Band: D5GHz (5000.0 - 6000.0 MHz); Frequency: 5500 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used: f = 5500 MHz; σ = 5.139 S/m; ε_r = 35.278; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3642; ConvF(4.69, 4.69, 4.69); Calibrated: 12/20/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection), Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1326; Calibrated: 2/14/2014
- Phantom: SAM with CRP v5.0#1696; Type: QD000P40CD; Serial: TP:1696
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/d=10mm, Pin=250 mW, dist=2.0mm (EX-Probe)_5.5G/Area Scan (51x61x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 40.1 W/kg

Configuration/d=10mm, Pin=250 mW, dist=2.0mm (EX-Probe)_5.5G/Zoom Scan (7x7x7) (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 99.23 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 84.3 W/kg
SAR(1 g) = 19.1 W/kg; SAR(10 g) = 5.38 W/kg
Maximum value of SAR (measured) = 48.4 W/kg



0 dB = 48.4 W/kg = 16.85 dBW/kg

Date/Time: 7/25/2014 3:07:11 PM

Test Laboratory: GTA-Beijing

5GHZ_ Head Validation_20140725

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

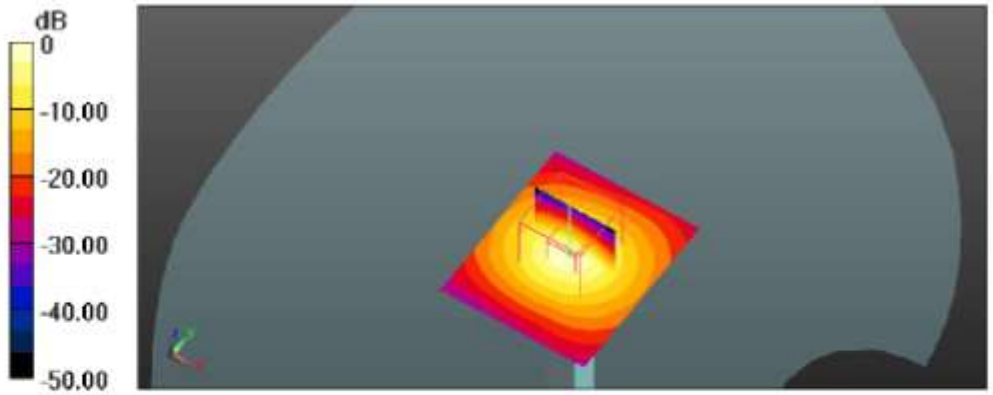
Communication System: UID 0, CW (0); Communication System Band: D5GHz (5000.0 - 6000.0 MHz); Frequency: 5800 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used: f = 5800 MHz; σ = 5.486 S/m; ε_r = 34.697; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3642; ConvF(4.41, 4.41, 4.41); Calibrated: 12/20/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1326; Calibrated: 2/14/2014
- Phantom: SAM with CRP v5.0#1696; Type: QD000P40CD; Serial: TP:1696
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/d=10mm, Pin=250 mW, dist=2.0mm (EX-Probe)_5.8G/Area Scan (51x61x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 39.6 W/kg

Configuration/d=10mm, Pin=250 mW, dist=2.0mm (EX-Probe)_5.8G/Zoom Scan (7x7x7) (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 97.88 V/m; Power Drift = 0.28 dB
Peak SAR (extrapolated) = 86.6 W/kg
SAR(1 g) = 18.8 W/kg; SAR(10 g) = 5.33 W/kg
Maximum value of SAR (measured) = 48.6 W/kg



0 dB = 48.6 W/kg = 16.87 dBW/kg

Date/Time: 7/25/2014 11:44:28 AM

Test Laboratory: GTA-Beijing

750M Body_System Validation_20140725

DUT: Dipole 750 MHz D750V3; Type: D750V3; Serial: D750V3 - SN:1055

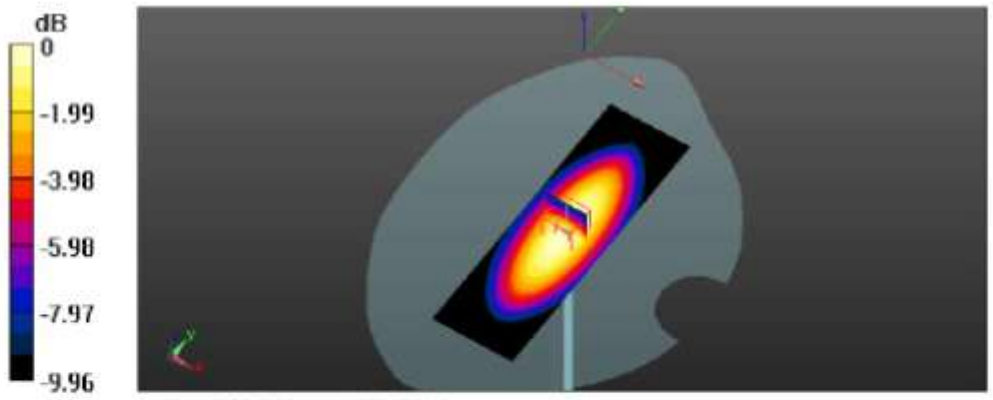
Communication System: UID 0, CW (0); Communication System Band: D750 (750.0 MHz); Frequency: 750 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used: f = 750 MHz; σ = 0.954 S/m; ε_r = 56.564; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ES3DV3 - SN3169; ConvF(6.07, 6.07, 6.07); Calibrated: 12/19/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = -8.0, 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/Validation/Area Scan (61x201x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 2.55 W/kg

Configuration/Validation/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 53.09 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 3.22 W/kg
SAR(1 g) = 2.19 W/kg; SAR(10 g) = 1.45 W/kg
Maximum value of SAR (measured) = 2.55 W/kg



0 dB = 2.55 W/kg = 4.07 dBW/kg

Date/Time: 7/20/2014 2:42:26 PM

Test Laboratory: GTA-Beijing

GSM835 Body Validation_20140720

DUT: Dipole 835 MHz; Type: D835V2; Serial: D835V2 - SN:4d061

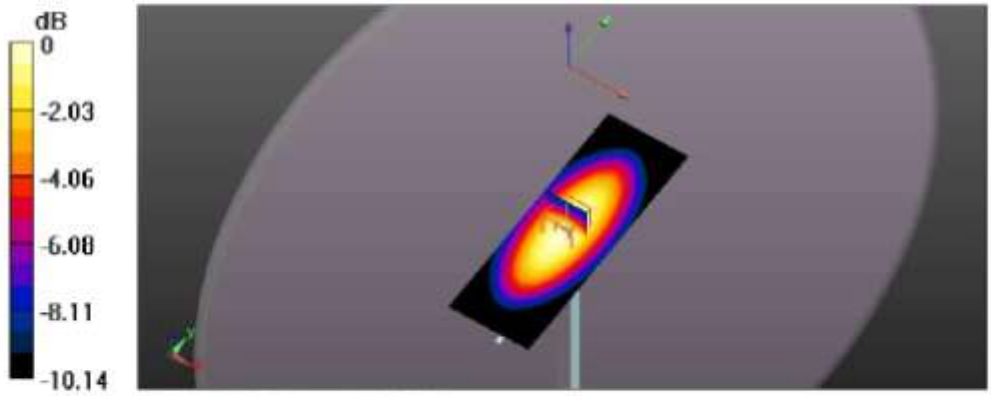
Communication System: UID 0, CW; Frequency: 835 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used: f = 835 MHz; σ = 0.984 S/m; ε_r = 53.545; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ES3DV3 - SN3170; ConvF(6.08, 6.08, 6.08); Calibrated: 12/19/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn853; Calibrated: 12/16/2013
- Phantom: ELI v4.0_1041; Type: QDOVA001BB; Serial: TP:1041
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/835MHz Body_Validation/Area Scan (61x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 2.90 W/kg

Configuration/835MHz Body_Validation/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 55.84 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 3.66 W/kg
SAR(1 g) = 2.48 W/kg; SAR(10 g) = 1.63 W/kg
Maximum value of SAR (measured) = 2.90 W/kg



0 dB = 2.90 W/kg = 4.62 dBW/kg

Date/Time: 7/23/2014 11:38:18 AM

Test Laboratory: GTA-Beijing

GSM835 Body Validation_20140723

DUT: Dipole 835 MHz; Type: D835V2; Serial: D835V2 - SN:4d061

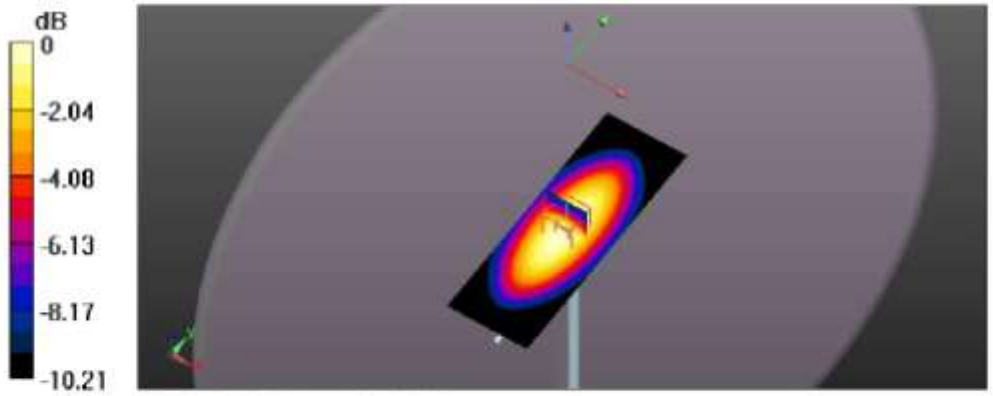
Communication System: UID 0, CW; Frequency: 835 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used: f = 835 MHz; σ = 0.995 S/m; ε_r = 53.85; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ES3DV3 - SN3170; ConvF(6.08, 6.08, 6.08); Calibrated: 12/19/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn853; Calibrated: 12/16/2013
- Phantom: ELI v4.0_1041; Type: QDOVA001BB; Serial: TP:1041
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/835MHz Head_Validation/Area Scan (61x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 2.88 W/kg

Configuration/835MHz Head_Validation/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 55.38 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 3.65 W/kg
SAR(1 g) = 2.47 W/kg; SAR(10 g) = 1.62 W/kg
Maximum value of SAR (measured) = 2.88 W/kg



0 dB = 2.88 W/kg = 4.59 dBW/kg

Date/Time: 7/21/2014 1:46:22 PM

Test Laboratory: GTA-Beijing

GSM1800 Body_Validation_20140721

DUT: Dipole 1800 MHz D1800V2; Type: D1800V2; Serial: SN:2d158

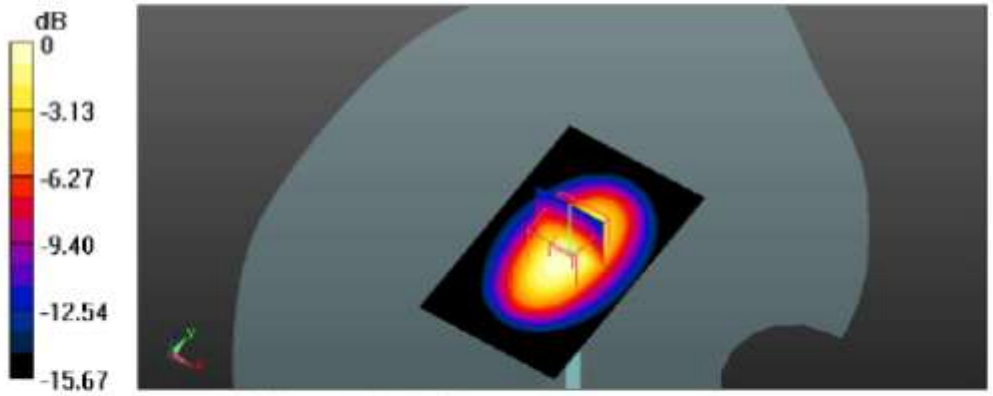
Communication System: UID 10000, CW; Communication System Band: D1800 (1800.0 MHz); Frequency: 1800 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used: f = 1800 MHz; σ = 1.497 S/m; ε_r = 54.578; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ES3DV3 - SN3170; ConvF(4.91, 4.91, 4.91); Calibrated: 12/19/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), 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/Validation/Area Scan (61x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 11.6 W/kg

Configuration/Validation/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 89.84 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 15.6 W/kg
SAR(1 g) = 9.14 W/kg; SAR(10 g) = 4.94 W/kg
Maximum value of SAR (measured) = 11.5 W/kg



0 dB = 11.5 W/kg = 10.61 dBW/kg

Date/Time: 7/24/2014 10:50:25 AM

Test Laboratory: GTA-Beijing

GSM1800 Body_Validation_20140724

DUT: Dipole 1800 MHz D1800V2; Type: D1800V2; Serial: SN:2d158

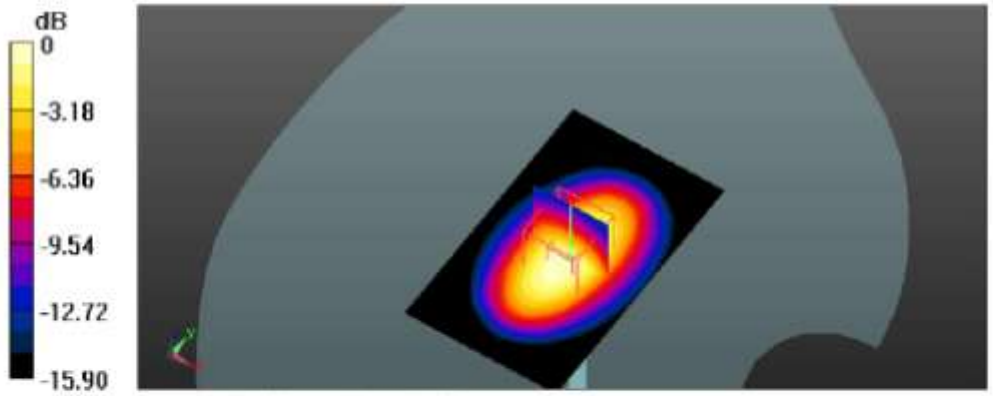
Communication System: UID 10000, CW; Communication System Band: D1800 (1800.0 MHz); Frequency: 1800 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used: f = 1800 MHz; σ = 1.494 S/m; ε_r = 54.513; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ES3DV3 - SN3170; ConvF(4.91, 4.91, 4.91); Calibrated: 12/19/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), 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/Validation/Area Scan (61x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 11.8 W/kg

Configuration/Validation/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 89.86 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 15.8 W/kg
SAR(1 g) = 9.21 W/kg; SAR(10 g) = 4.96 W/kg
Maximum value of SAR (measured) = 11.6 W/kg



0 dB = 11.6 W/kg = 10.64 dBW/kg

Date/Time: 7/11/2014 1:19:32 PM

Test Laboratory: GTA-Beijing

MSL1900_System check_20140711

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: D1900V2 - SN:5d093

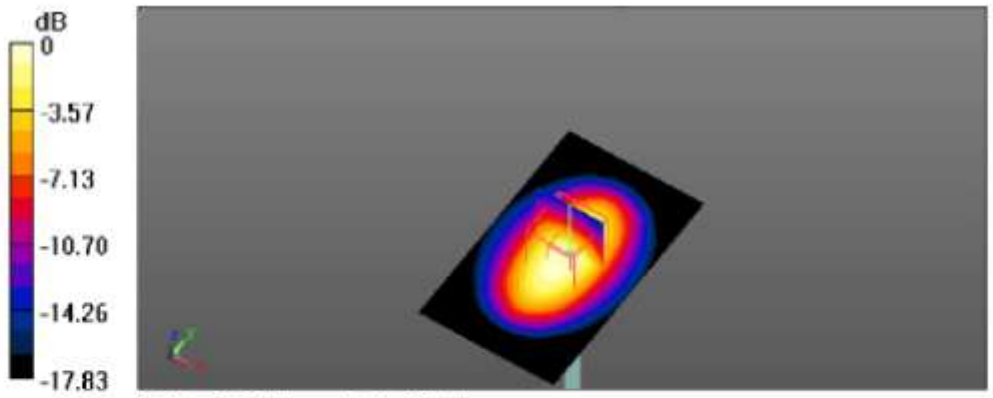
Communication System: UID 0, CW; Communication System Band: D1900 (1900.0 MHz);
Frequency: 1900 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used: f = 1900 MHz; σ = 1.493 S/m; ε_r = 51.078; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3843; ConvF(7.31, 7.31, 7.31); Calibrated: 2/21/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection), 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)

System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=250 mW, dist=3.0mm (ES-Probe)/Area Scan (61x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 13.4 W/kg

System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=250 mW, dist=3.0mm (ES-Probe)/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 89.48 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 16.7 W/kg
SAR(1 g) = 9.32 W/kg; SAR(10 g) = 4.87 W/kg
Maximum value of SAR (measured) = 13.2 W/kg



0 dB = 13.2 W/kg = 11.21 dBW/kg

Date/Time: 7/18/2014 2:55:54 PM

Test Laboratory: GTA-Beijing

MSL1900_System check_20140718

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: D1900V2 - SN:5d093

Communication System: UID 0, CW; Communication System Band: D1900 (1900.0 MHz);
Frequency: 1900 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used: f = 1900 MHz; σ = 1.525 S/m; ε_r = 50.933; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

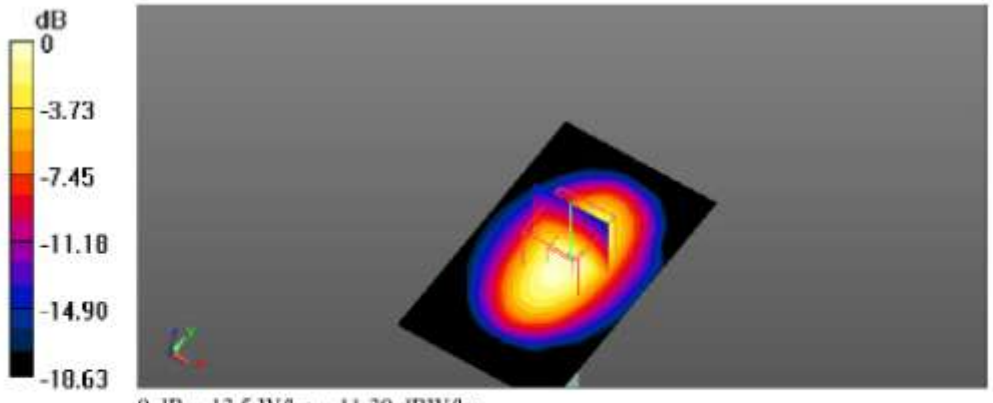
DASY Configuration:

- Probe: EX3DV4 - SN3843; ConvF(7.31, 7.31, 7.31); Calibrated: 2/21/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection), 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)

System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=250 mW, dist=3.0mm (ES-Probe)/Area Scan (61x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 13.6 W/kg

System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=250 mW, dist=3.0mm (ES-Probe)/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 87.83 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 16.9 W/kg
SAR(1 g) = 9.46 W/kg; SAR(10 g) = 4.93 W/kg
Maximum value of SAR (measured) = 13.5 W/kg



0 dB = 13.5 W/kg = 11.30 dBW/kg

file://C:\Users\28851853\MSL1900_System check_20140718-1.htm 8/2/2014

Date/Time: 7/21/2014 9:50:35 AM

Test Laboratory: GTA-Beijing

MSL1900_System check_20140721

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: D1900V2 - SN:5d093

Communication System: UID 0, CW; Communication System Band: D1900 (1900.0 MHz); Frequency: 1900 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used: f = 1900 MHz; σ = 1.491 S/m; ε_r = 51.249; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

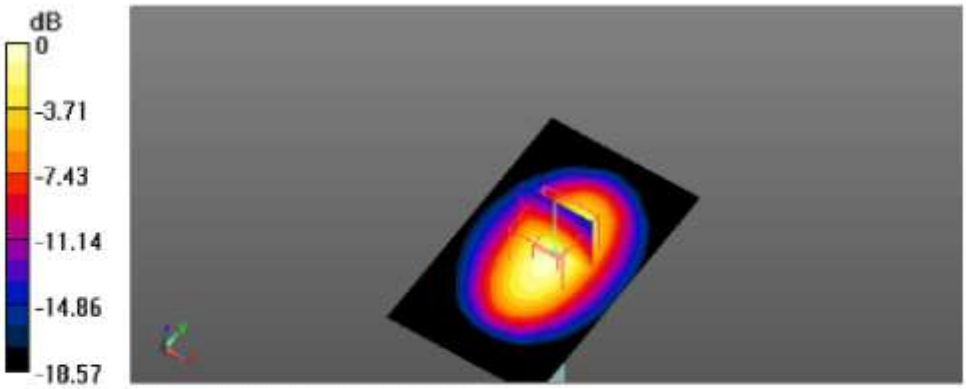
DASY Configuration:

- Probe: ES3DV3 - SN3169; ConvF(4.77, 4.77, 4.77); Calibrated: 12/19/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn854; Calibrated: 12/16/2013
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:xxxx
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=250 mW, dist=3.0mm (ES-Probe)/Area Scan (61x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 12.3 W/kg

System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=250 mW, dist=3.0mm (ES-Probe)/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 91.80 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 17.8 W/kg
SAR(1 g) = 9.72 W/kg; SAR(10 g) = 5.05 W/kg
Maximum value of SAR (measured) = 13.9 W/kg



0 dB = 13.9 W/kg = 11.43 dBW/kg

Date/Time: 7/23/2014 10:36:03 AM

Test Laboratory: GTA-Beijing

MSL1900_System check_20140723

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: D1900V2 - SN:5d093

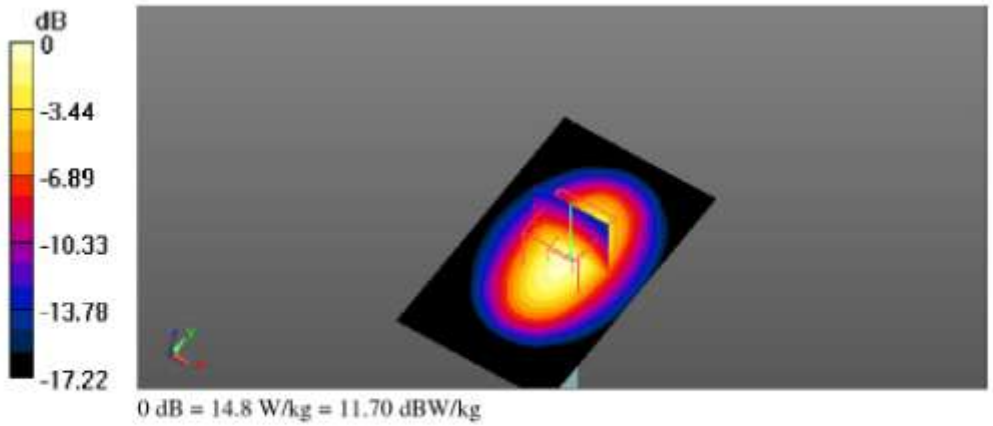
Communication System: UID 0, CW; Communication System Band: D1900 (1900.0 MHz);
Frequency: 1900 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used: f = 1900 MHz; σ = 1.549 S/m; ε_r = 51.51; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ES3DV3 - SN3169; ConvF(4.77, 4.77, 4.77); Calibrated: 12/19/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn854; Calibrated: 12/16/2013
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:xxxx
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=250 mW, dist=3.0mm (ES-Probe)/Area Scan (61x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 13.0 W/kg

System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=250 mW, dist=3.0mm (ES-Probe)/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 91.51 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 18.9 W/kg
SAR(1 g) = 10.4 W/kg; SAR(10 g) = 5.44 W/kg
Maximum value of SAR (measured) = 14.8 W/kg



0 dB = 14.8 W/kg = 11.70 dBW/kg

Date/Time: 7/29/2014 3:41:26 PM

Test Laboratory: GTA-Beijing

MSL2600_System check_20140729

DUT: Dipole D2600V2; Type: D2600V2; Serial: D2600V2 - SN:1012

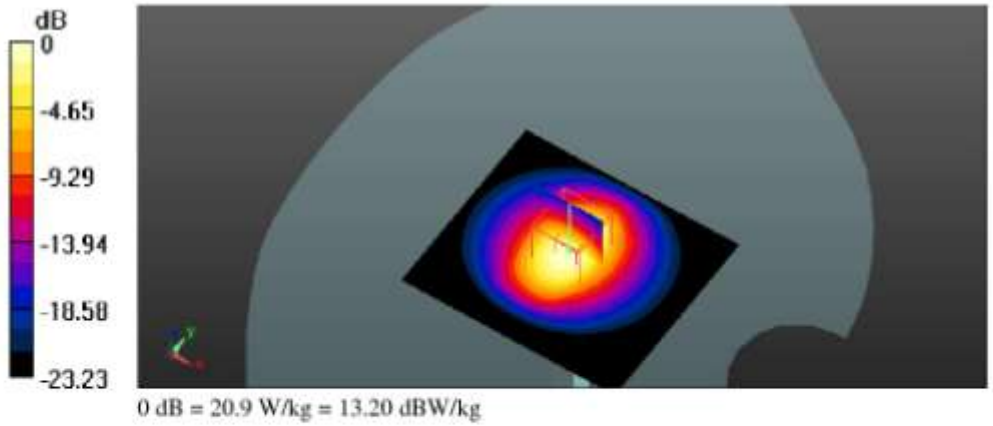
Communication System: UID 0, CW (0); Communication System Band: D2600 (2600.0 MHz); Frequency: 2600 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used: f = 2600 MHz; σ = 2.177 S/m; ε_r = 50.376; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

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

Configuration/d=10mm, Pin=250 mW, dist=2.0mm (EX-Probe)/Area Scan (81x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 21.4 W/kg

Configuration/d=10mm, Pin=250 mW, dist=2.0mm (EX-Probe)/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 89.95 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 29.0 W/kg
SAR(1 g) = 13.4 W/kg; SAR(10 g) = 6 W/kg
Maximum value of SAR (measured) = 20.9 W/kg



0 dB = 20.9 W/kg = 13.20 dBW/kg

Date/Time: 7/28/2014 10:16:43 AM

Test Laboratory: GTA-Beijing

5GHZ_ Body Validation_20140728_1

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

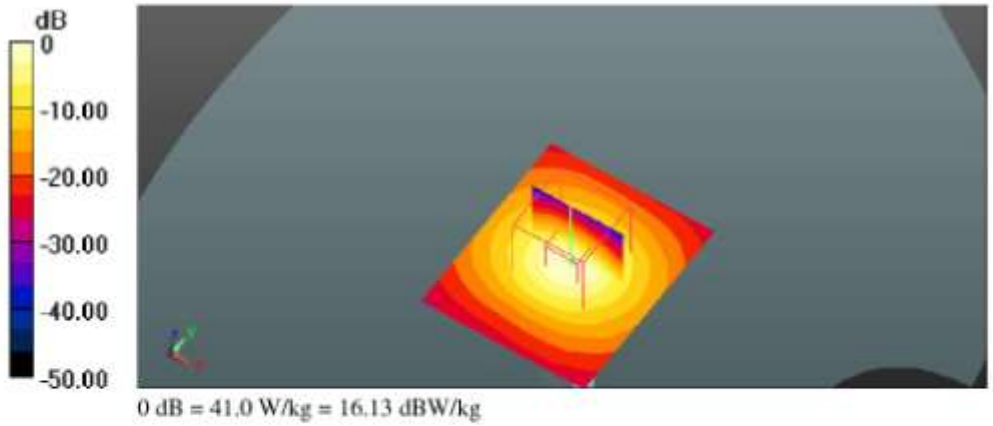
Communication System: UID 0, CW (0); Communication System Band: D5GHz (5000.0 - 6000.0 MHz); Frequency: 5200 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used: f = 5200 MHz; σ = 5.369 S/m; ε_r = 50.106; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI 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: SAM with CRP v5.0#1696; Type: QD000P40CD; Serial: TP:1696
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/d=10mm, Pin=250 mW, dist=2.0mm (EX-Probe)_5.2G/Area Scan (51x61x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 42.9 W/kg

Configuration/d=10mm, Pin=250 mW, dist=2.0mm (EX-Probe)_5.2G/Zoom Scan (7x7x7) (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 96.97 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 68.1 W/kg
SAR(1 g) = 16.7 W/kg; SAR(10 g) = 4.7 W/kg
Maximum value of SAR (measured) = 41.0 W/kg



0 dB = 41.0 W/kg = 16.13 dBW/kg

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

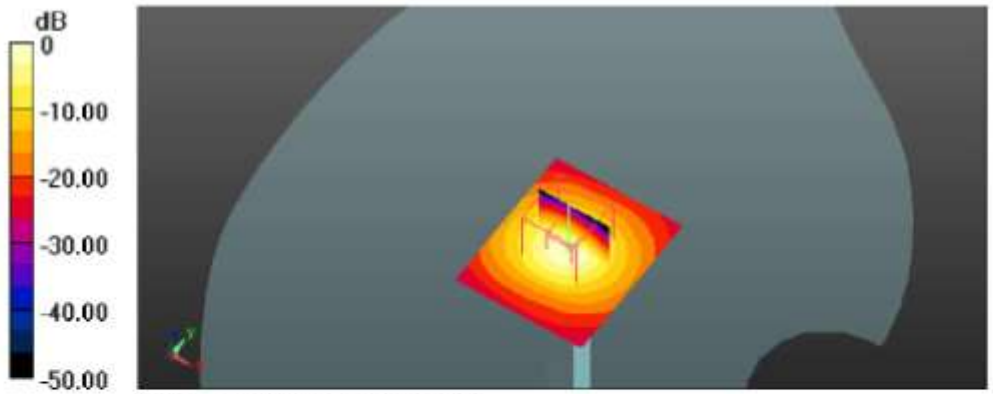
Communication System: UID 0, CW (0); Communication System Band: D5GHz (5000.0 - 6000.0 MHz); Frequency: 5500 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used: f = 5500 MHz; σ = 5.816 S/m; ε_r = 49.382; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

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

Configuration/d=10mm, Pin=250 mW, dist=2.0mm (EX-Probe)_5.5G /Area Scan (51x61x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 46.6 W/kg

Configuration/d=10mm, Pin=250 mW, dist=2.0mm (EX-Probe)_5.5G /Zoom Scan (7x7x7) (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
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

Date/Time: 7/28/2014 6:41:27 PM

Test Laboratory: GTA-Beijing

5GHZ_ Body Validation_20140728_1

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

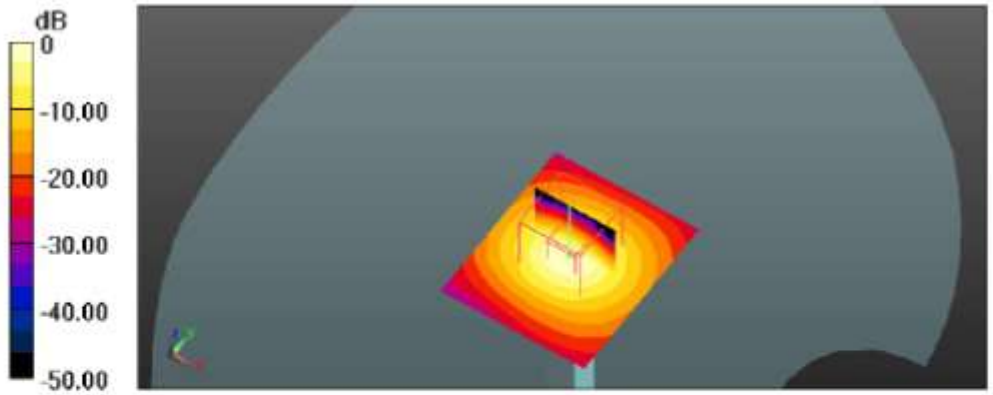
Communication System: UID 0, CW (0); Communication System Band: D5GHz (5000.0 - 6000.0 MHz); Frequency: 5800 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used: f = 5800 MHz; σ = 6.226 S/m; ε_r = 48.607; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

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

Configuration/d=10mm, Pin=250 mW, dist=2.0mm (EX-Probe)_5.8G 2/Area Scan (51x61x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 44.2 W/kg

Configuration/d=10mm, Pin=250 mW, dist=2.0mm (EX-Probe)_5.8G 2/Zoom Scan (7x7x7) (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 94.80 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 78.2 W/kg
SAR(1 g) = 17 W/kg; SAR(10 g) = 4.74 W/kg
Maximum value of SAR (measured) = 43.7 W/kg



0 dB = 43.7 W/kg = 16.40 dBW/kg

Date/Time: 2/10/2015 1:20:10 PM

Test Laboratory: GTA-Beijing

MSL835 Validation

DUT: Dipole 835 MHz; Type: D835V2; Serial: D835V2 - SN:4d061

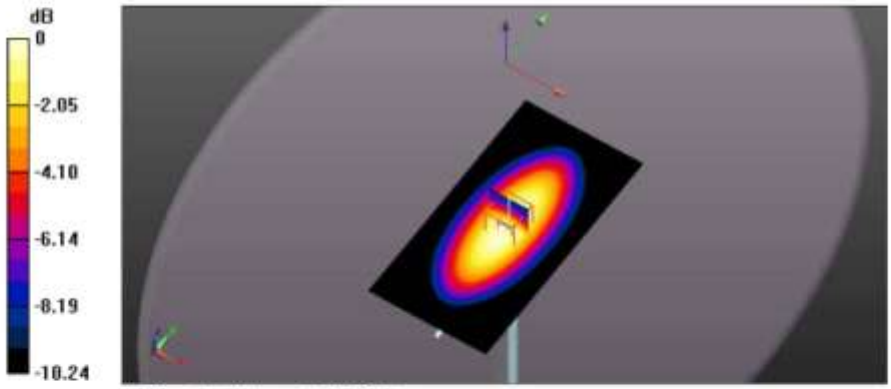
Communication System: UID 0, CW; Communication System Band:D835(835MHz); Frequency: 835 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used: f = 835 MHz; σ = 0.98 S/m; ε_r = 52.923; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

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:1041
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/835MHz Body_Validation/Area Scan (91x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 2.79 W/kg

Configuration/835MHz Body_Validation/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 53.15 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 3.56 W/kg
SAR(1 g) = 2.37 W/kg; SAR(10 g) = 1.56 W/kg
Maximum value of SAR (measured) = 2.77 W/kg



0 dB = 2.77 W/kg = 4.42 dBW/kg

Date/Time: 2/10/2015 9:48:45 AM

Test Laboratory: GTA-Beijing

HSL835 Head Validation

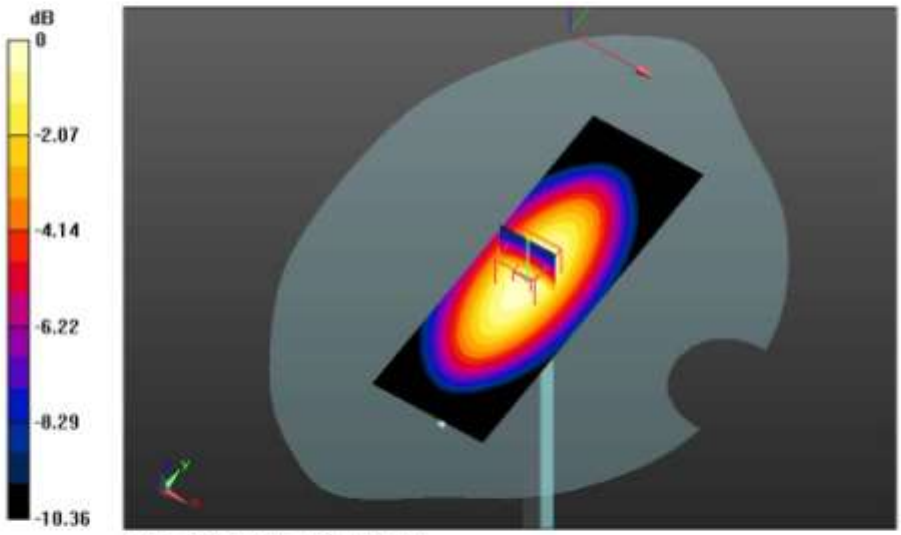
DUT: Dipole 835 MHz; Type: D835V2; Serial: D835V2 - SN:4d061

Communication System: UID 0, CW; Communication System Band:D835(835MHz); Frequency: 835 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used: f = 835 MHz; σ = 0.864 S/m; ε_r = 41.239; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (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), z = 1.0, 31.0
- Electronics: DAE4 Sn853; Calibrated: 12/12/2014
- Phantom: SAM with CRP v4.0_1488; Type: QD000P40CC; Serial: TP:1488
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/835MHz Head_Validation/Area Scan (61x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 2.65 W/kg
Configuration/835MHz Head_Validation/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 55.05 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 3.42 W/kg
SAR(1 g) = 2.28 W/kg; SAR(10 g) = 1.49 W/kg
Maximum value of SAR (measured) = 2.67 W/kg



0 dB = 2.67 W/kg = 4.27 dBW/kg

file://C:\Documents and Settings\XP009940\Desktop\Backup\Report\HSL835 Head Vali... 3/2/2015

Date/Time: 2/10/2015 10:47:44 AM

Test Laboratory: GTA-Beijing

1900MHz body Validation

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: D1900V2 - SN:5d093

Communication System: UID 0, CW; Communication System Band: D1900 (1900.0 MHz); Frequency: 1900 MHz;Communication System PAR: 0 dB; PMF: 1

Medium parameters used: f = 1900 MHz; σ = 1.559 S/m; ε_r = 51.606; ρ = 1000 kg/m^3

Phantom section: Flat Section

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

DASY Configuration:

- Probe: ES3DV3 - SN3295; ConvF(4.65, 4.65, 4.65); Calibrated: 3/14/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1437; Calibrated: 7/8/2014
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:xxxx
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=250 mW, dist=3.0mm (ES-Probe)/Area Scan (61x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 15.7 W/kg

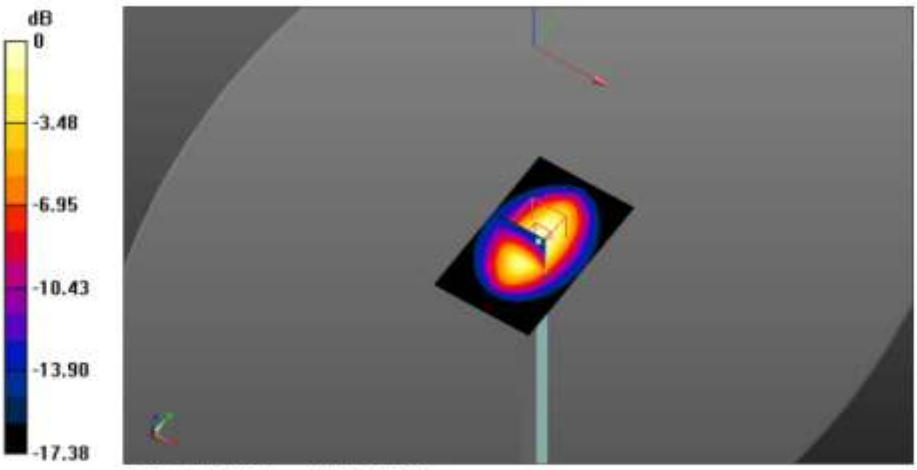
System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=250 mW, dist=3.0mm (ES-Probe)/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 95.53 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 19.8 W/kg

SAR(1 g) = 10.8 W/kg; SAR(10 g) = 5.59 W/kg

Maximum value of SAR (measured) = 15.5 W/kg



0 dB = 15.5 W/kg = 11.90 dBW/kg

Date/Time: 2/10/2015 10:15:10 AM

Test Laboratory: GTA-Beijing

1900MHz head validation

DUT: Dipole 1900 MHz D1900V2; Type: D1900V2; Serial: D1900V2 - SN:5d093

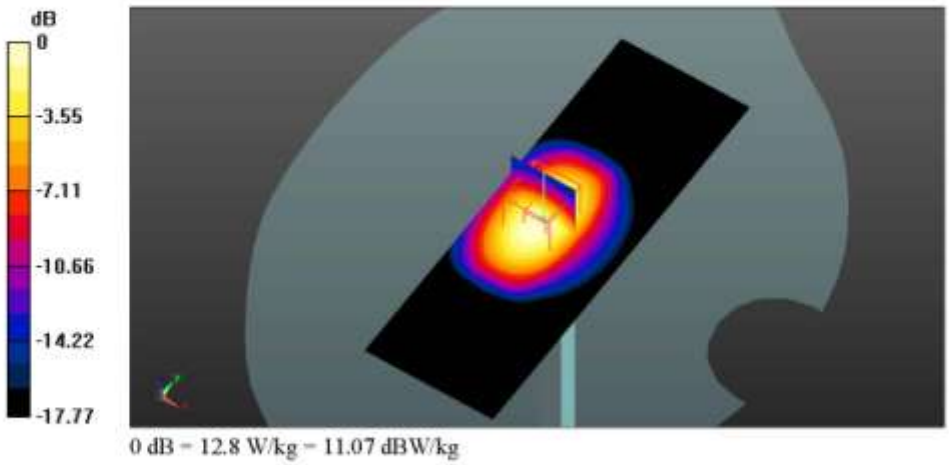
Communication System: UID 0, CW; Communication System Band: D1900 (1900.0 MHz); Frequency: 1900 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used: f = 1900 MHz; σ = 1.412 S/m; ε_r = 38.192; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ES3DV3 - SN3295; ConvF(5.11, 5.11, 5.11); Calibrated: 3/14/2014;
  - Modulation Compensation:
- Sensor-Surface: 3mm (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
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

GSM1900_Head_System validation/Validation/Area Scan (41x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 13.0 W/kg

GSM1900_Head_System validation/Validation/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 76.97 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 18.3 W/kg
SAR(1 g) = 10 W/kg; SAR(10 g) = 5.2 W/kg
Maximum value of SAR (measured) = 12.8 W/kg



0 dB = 12.8 W/kg = 11.07 dBW/kg

Date/Time: 3/12/2015 4:35:14 PM

Test Laboratory: The name of your organization

MSL2450_System check_20150312

DUT: Dipole 2450 MHz D2450V2; Type: D2450V2; Serial: D2450V2 - SN:806

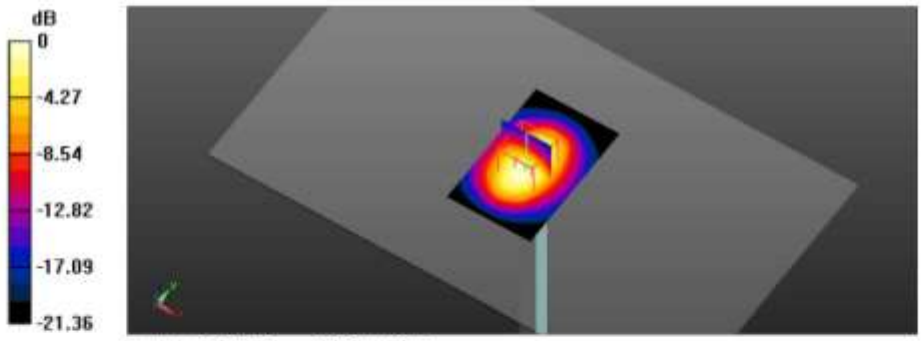
Communication System: UID 0, CW (0); Communication System Band: D2450 (2450.0 MHz); Frequency: 2450 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used: f = 2450 MHz; σ = 1.879 S/m; ε_r = 50.722; ρ = 1000 kg/m^3
Phantom section: Center Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ES3DV3 - SN3295; ConvF(4.23, 4.23, 4.23); Calibrated: 3/14/2014;
- Sensor-Surface: 3mm (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
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/d=10mm, Pin=250 mW, dist=3.0mm (ES-Probe)/Area Scan (51x81x1):
Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 17.9 W/kg

Configuration/d=10mm, Pin=250 mW, dist=3.0mm (ES-Probe)/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 96.58 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 27.3 W/kg
SAR(1 g) = 13.2 W/kg; SAR(10 g) = 6.16 W/kg
Maximum value of SAR (measured) = 17.3 W/kg



0 dB = 17.3 W/kg = 12.38 dBW/kg

Date/Time: 3/12/2015 9:34:16 AM

Test Laboratory: GTA-Beijing

HSL2450_System Validation_20150312

DUT: Dipole 2450 MHz D2450V2; Type: D2450V2; Serial: D2450V2 - SN:806

Communication System: UID 0, CW (0); Communication System Band: D2450 (2450.0 MHz);
Frequency: 2450 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used: f = 2450 MHz; σ = 1.759 S/m; ε_r = 40.054; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

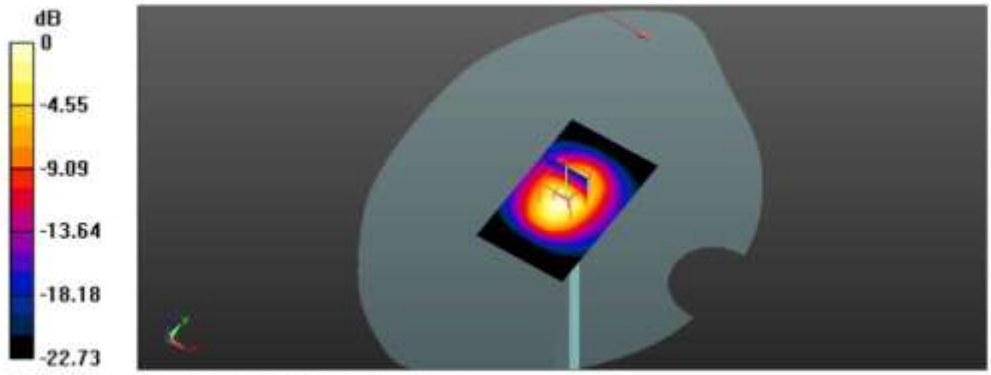
- Probe: ES3DV3 - SN3295; ConvF(4.53, 4.53, 4.53); Calibrated: 3/14/2014;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1437; Calibrated: 7/8/2014
- Phantom: SAM with CRP v5.0#1696; Type: QD000P40CD; Serial: TP:1696
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Validation/Area Scan (61x101x1):

Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 16.2 W/kg

Configuration/Validation/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 96.52 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 25.3 W/kg
SAR(1 g) = 12.1 W/kg; SAR(10 g) = 5.5 W/kg
Maximum value of SAR (measured) = 16.2 W/kg



0 dB = 16.2 W/kg = 12.1dBW/kg

Date/Time: 2/15/2015 10:44:16 AM

Test Laboratory: The name of your organization

MSL2600_System check_20150215

DUT: Dipole 2600 MHz D2600V2; Type: D2600V2; Serial: D2600V2 - SN1088

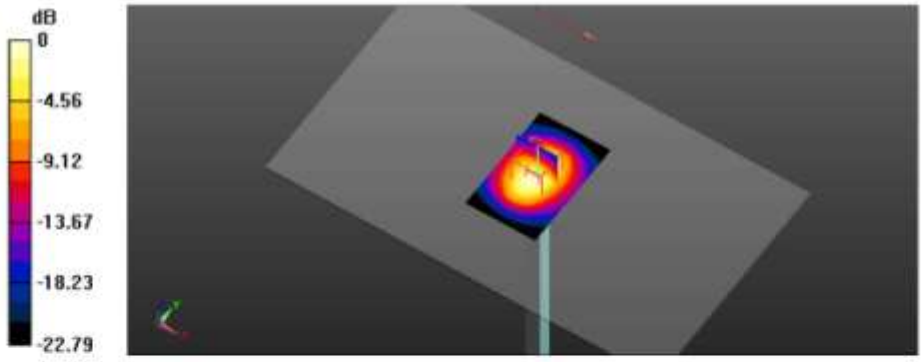
Communication System: UID 0, CW (0); Communication System Band: D2600 (2600.0 MHz); Frequency: 2600 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used: f = 2600 MHz; σ = 2.08 S/m; ε_r = 50.214; ρ = 1000 kg/m^3
Phantom section: Center Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ES3DV3 - SN3169; ConvF(3.92, 3.92, 3.92); Calibrated: 12/16/2014;
- Sensor-Surface: 3mm (Mechanical Surface Detection), 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
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/d=10mm, Pin=250 mW, dist=3.0mm (ES-Probe)/Area Scan (51x81x1):
Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 19.4 W/kg

Configuration/d=10mm, Pin=250 mW, dist=3.0mm (ES-Probe)/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 97.38 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 29.5 W/kg
SAR(1 g) = 13.9 W/kg; SAR(10 g) = 6.24 W/kg
Maximum value of SAR (measured) = 18.6 W/kg



0 dB = 18.6 W/kg = 12.70 dBW/kg

Date/Time: 2/15/2015 9:55:38 AM

Test Laboratory: GTA-Beijing

HSL2600_System Check_20150215

DUT: Dipole 2600 MHz D2600V2; Type: D2600V2; Serial: D2600V2 - SN:1088

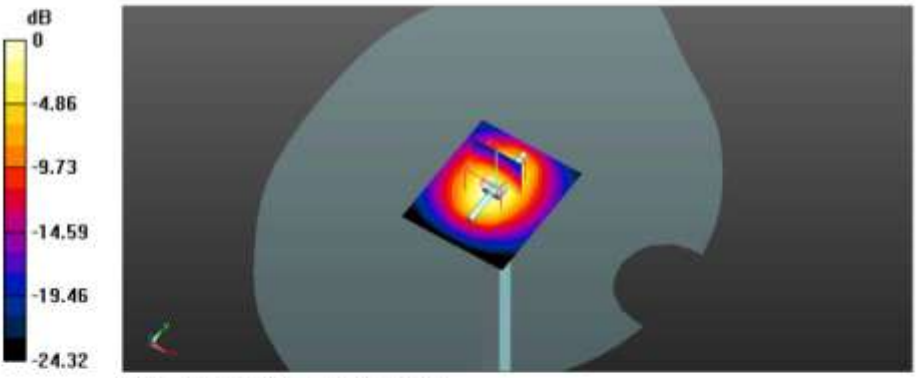
Communication System: UID 0, CW (0); Communication System Band: D2600 (2600.0 MHz); Frequency: 2600 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used: f = 2600 MHz; σ = 2.045 S/m; ε_r = 39.415; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ES3DV3 - SN3295; ConvF(4.34, 4.34, 4.34); Calibrated: 3/14/2014;
- 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/Validation/Area Scan (51x61x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 19.1 W/kg

Configuration/Validation/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 91.69 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 34.3 W/kg
SAR(1 g) = 15.2 W/kg; SAR(10 g) = 6.65 W/kg
Maximum value of SAR (measured) = 17.3 W/kg



0 dB = 17.3 W/kg = 12.38 dBW/kg

Date/Time: 2/25/2015 2:51:02 PM

Test Laboratory: GTA-Beijing

5GHz Body validation

DUT: Dipole D5GHzV2; Type: D5GHzV2; Serial: D5GHzV2 - SN:1176

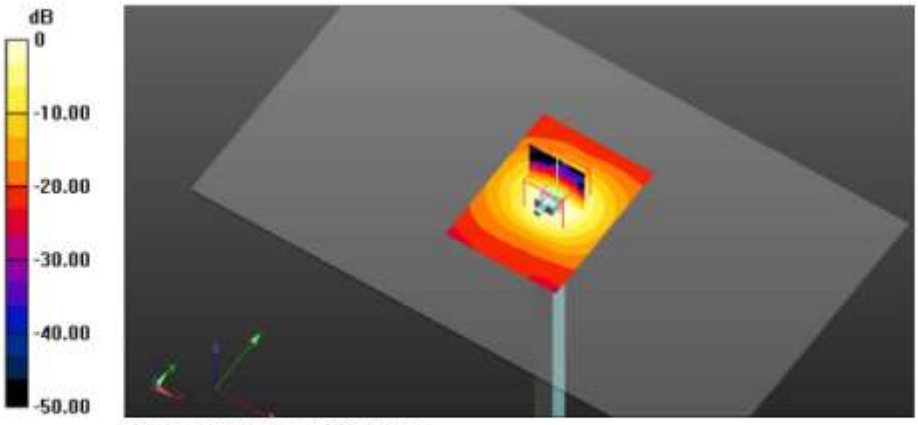
Communication System: UID 0, CW (0); Communication System Band: D5GHz (5000.0 - 6000.0 MHz); Frequency: 5300 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used: f = 5300 MHz; σ = 5.52 S/m; ε_r = 49.943; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN7306; ConvF(4.48, 4.48, 4.48); Calibrated: 7/16/2014;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), Sensor-Surface: 4mm (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/Validation/Area Scan (61x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 19.4 W/kg

Configuration/Validation/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 37.72 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 45.7 W/kg
SAR(1 g) = 8.44 W/kg; SAR(10 g) = 2.32 W/kg
Maximum value of SAR (measured) = 8.38 W/kg



0 dB = 8.38 W/kg = 9.23 dBW/kg

Date/Time: 3/5/2015 10:16:47 AM

Test Laboratory: GTA-Beijing

5GHz Head validation

DUT: Dipole D5GHzV2; Type: D5GHzV2; Serial: D5GHzV2 - SN:1176

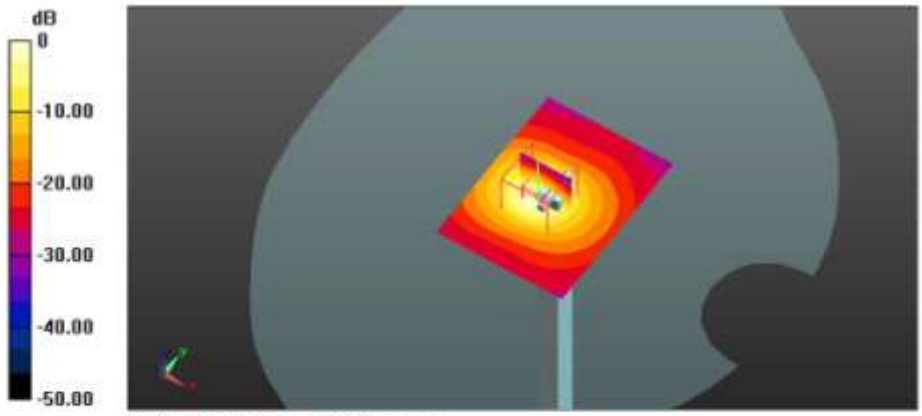
Communication System: UID 0, CW (0); Communication System Band: D5GHz (5000.0 - 6000.0 MHz); Frequency: 5300 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used: f = 5300 MHz; σ = 4.815 S/m; ε_r = 34.36; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

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
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Validation/Area Scan (61x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 18.1 W/kg

Configuration/Validation/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 35.63 V/m; Power Drift = 0.26 dB
Peak SAR (extrapolated) = 36.3 W/kg
SAR(1 g) = 8.86 W/kg; SAR(10 g) = 2.4 W/kg
Maximum value of SAR (measured) = 18.1 W/kg



0 dB = 18.1 W/kg = 12.58 dBW/kg

APPENDIX C: SAR DISTRIBUTION PLOTS

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; σ = 0.997 S/m; ε_r = 53.83; ρ = 1000 kg/m^3

Phantom section: Flat Section

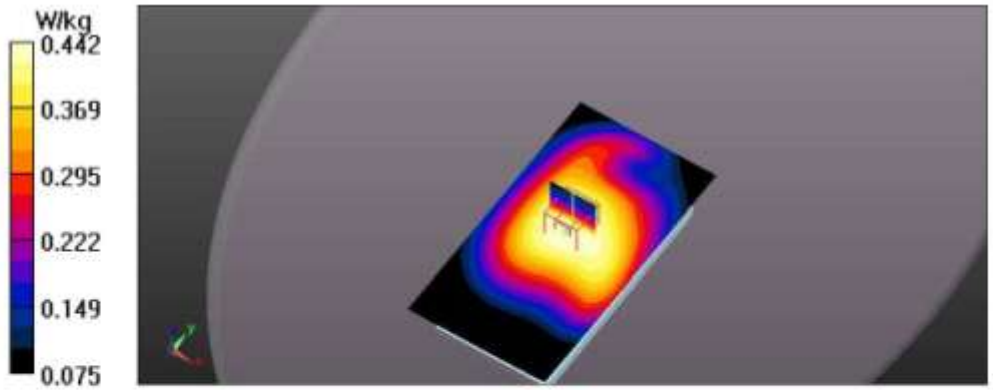
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

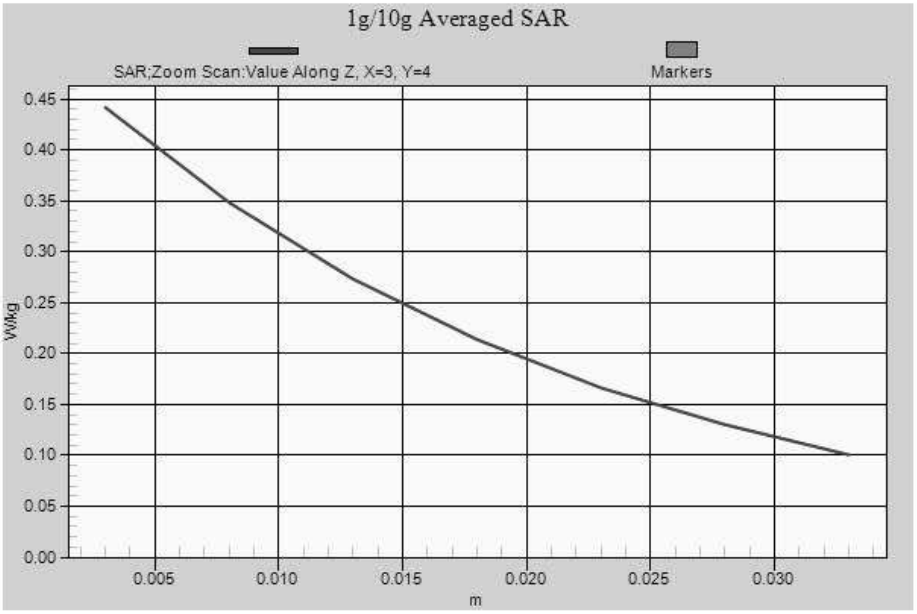
DASY Configuration:

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

Configuration/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




1g/10g Averaged SAR
SAR;Zoom Scan:Value Along Z, X=3, Y=4
Markers
0.45
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
W/kg
0.005
0.010
0.015
0.020
0.025
0.030
m

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; σ = 0.997 S/m; ε_r = 53.83; ρ = 1000 kg/m^3

Phantom section: Flat Section

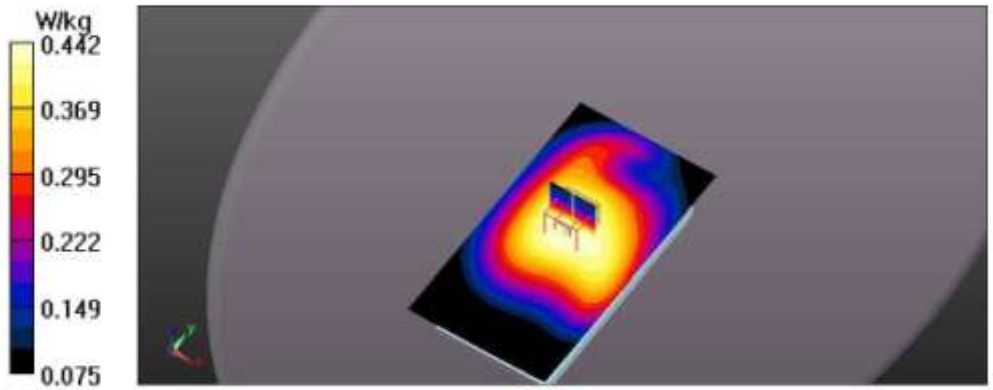
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

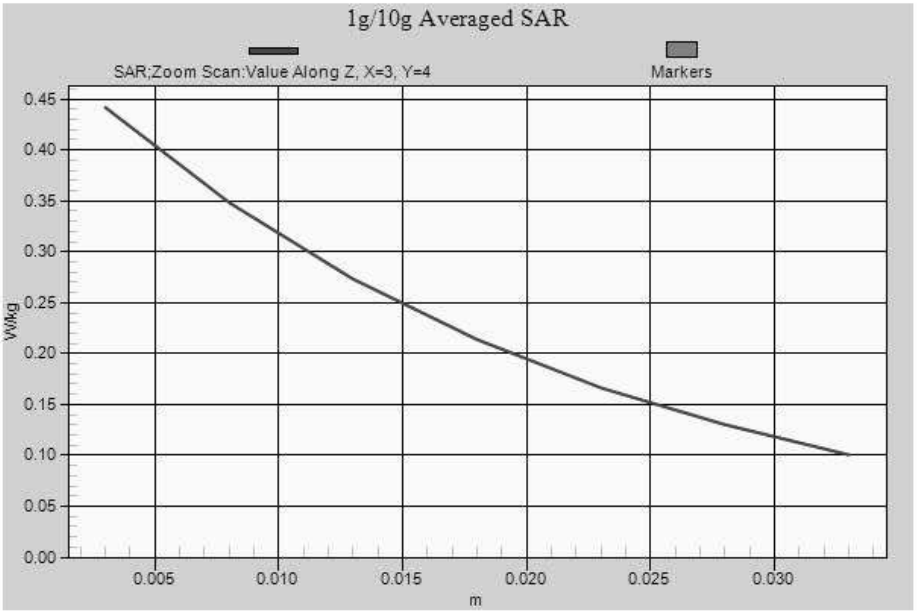
DASY Configuration:

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

Configuration/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




1g/10g Averaged SAR
SAR;Zoom Scan:Value Along Z, X=3, Y=4
Markers
0.45
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
W/kg
0.005
0.010
0.015
0.020
0.025
0.030
m

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; σ = 1.466 S/m; ε_r = 51.31; ρ = 1000 kg/m^3

Phantom section: Flat Section

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

DASY Configuration:

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

Configuration/GSM1900_4TS_Mid CH_Bottom/Area Scan (51x131x1): Interpolated grid: dx=1.000 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:

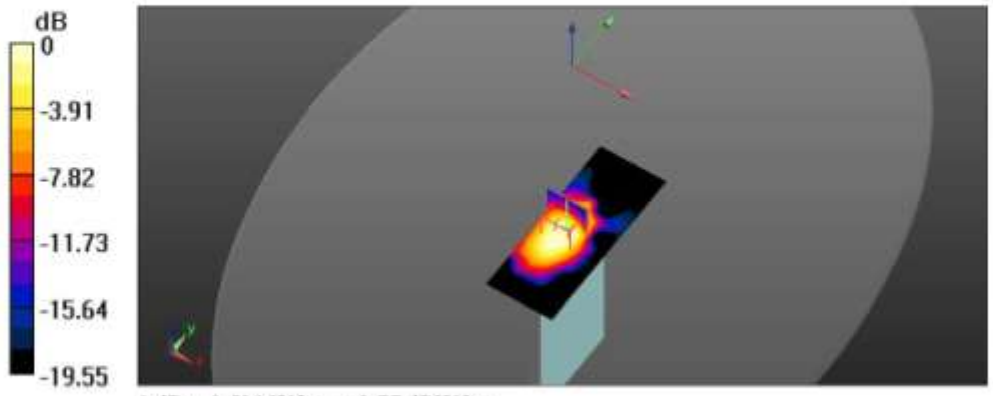
Measurement grid: dx=5mm, dy=5mm, dz=5mm

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

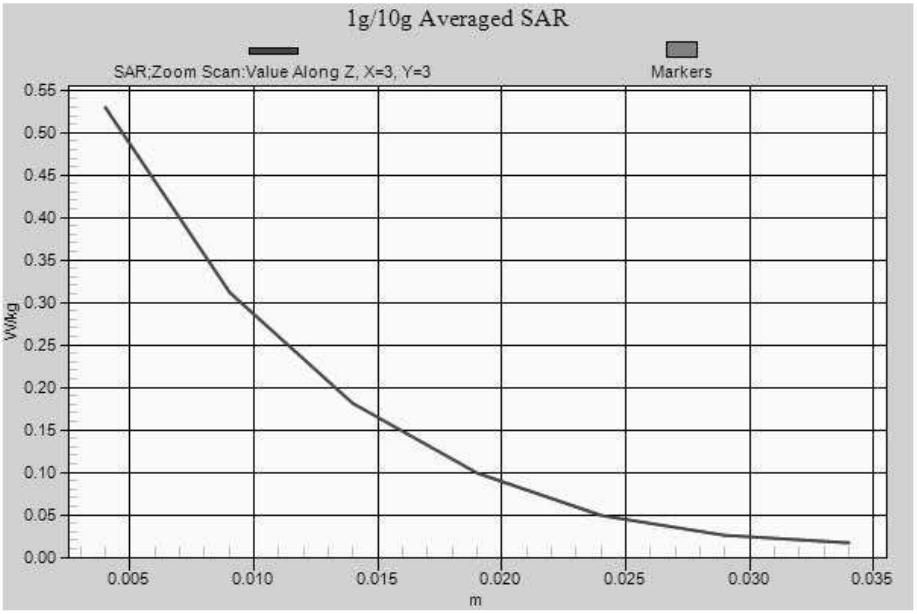
Peak SAR (extrapolated) = 0.809 W/kg

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

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



0 dB = 0.529 W/kg = -2.77 dBW/kg


1g/10g Averaged SAR
SAR;Zoom Scan:Value Along Z, X=3, Y=3
Markers
0.55
0.50
0.45
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
W/kg
0.005
0.010
0.015
0.020
0.025
0.030
0.035
m

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; σ = 1.395 S/m; ε_r = 38.912; ρ = 1000 kg/m^3

Phantom section: Left Section

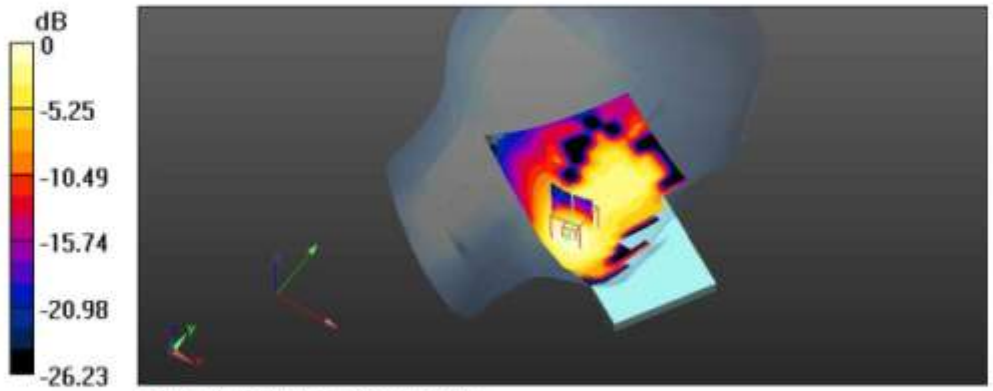
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

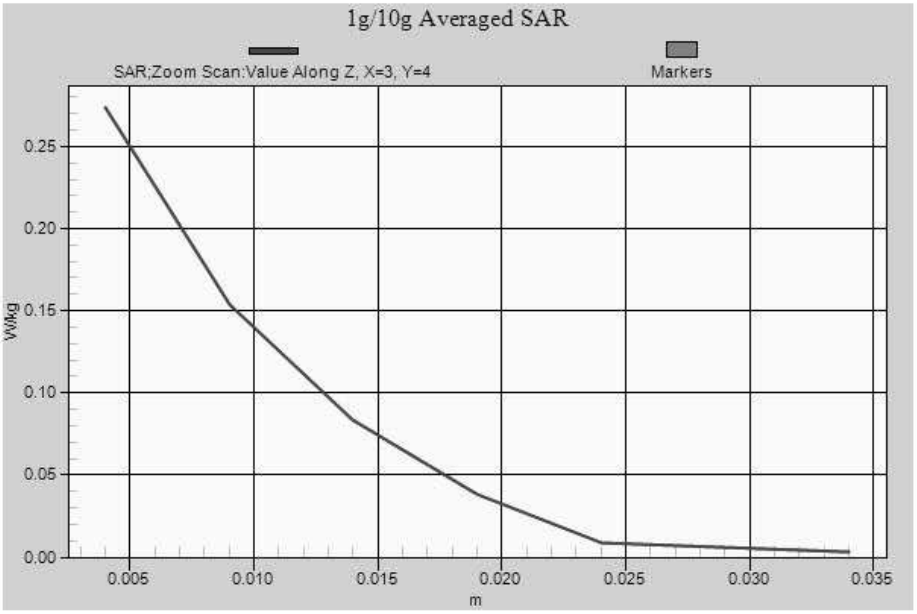
- Probe: EX3DV4 - SN3843; ConvF(7.33, 7.33, 7.33); Calibrated: 2/21/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn854; Calibrated: 12/16/2013
- Phantom: SAM with CRP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

Configuration/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


1g/10g Averaged SAR
SAR;Zoom Scan:Value Along Z, X=3, Y=4
Markers
0.25
0.20
0.15
0.10
0.05
0.00
W/kg
0.005
0.010
0.015
0.020
0.025
0.030
0.035
m

Date/Time: 7/18/2014 3:43:24 PM

Test Laboratory: GTA-Beijing

UMTS B2_Body_15mm__20140718

DUT: PY7PM-0808 ; Serial: CB5A1ZTFNY

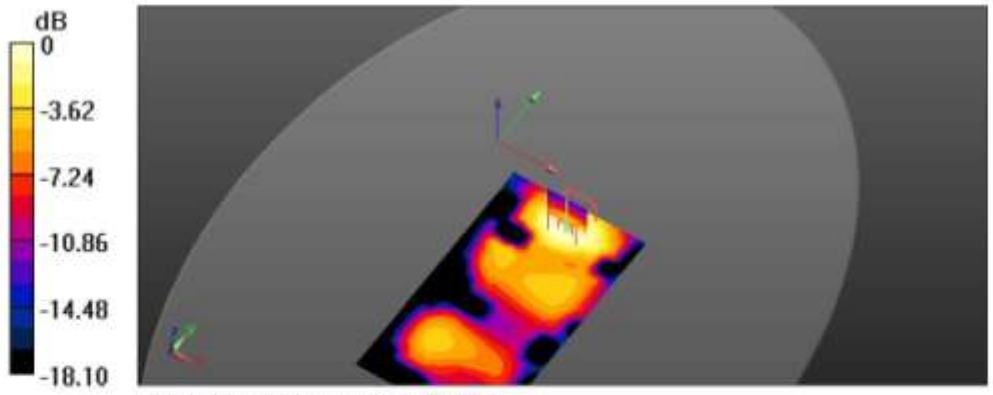
Communication System: UID 0, UMTS_band2 (0);
Frequency: 1880 MHz;Communication System
PAR: 0 dB; PMF: 1
Medium parameters used: f = 1880 MHz; σ = 1.501 S/m; ε_r = 51.002; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

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 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.660 W/kg

Configuration/UMTS B2_Mid CH_Front/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
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



0 dB = 0.515 W/kg = -2.88 dBW/kg


1g/10g Averaged SAR
SAR;Zoom Scan:Value Along Z, X=3, Y=3
Markers
W/kg
0.50
0.45
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
0.005
0.010
0.015
0.020
0.025
0.030
0.035
m

Date/Time: 7/10/2014 4:33:53 PM

Test Laboratory: GTA-Beijing

UMTS B2_Left head cheek_20140710

DUT: PY7PM-0808 ; Serial: CB5A1ZTFNY

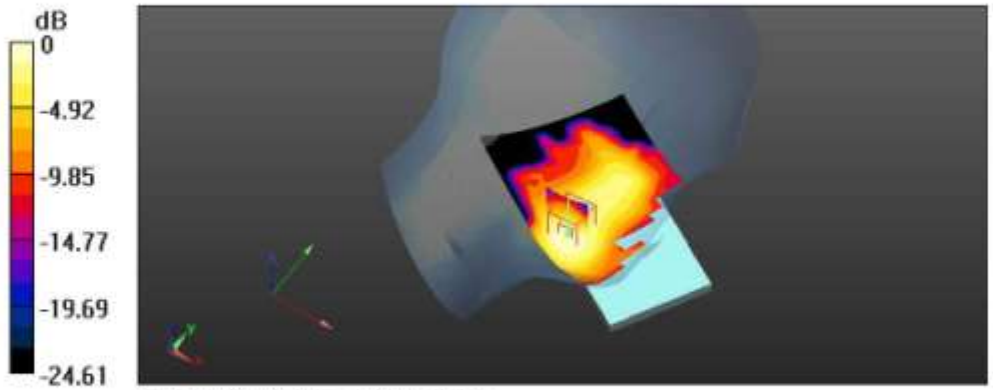
Communication System: UID 0, UMTS_band2 (0); Frequency: 1852.4 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.399 S/m; ε_r = 39.21; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

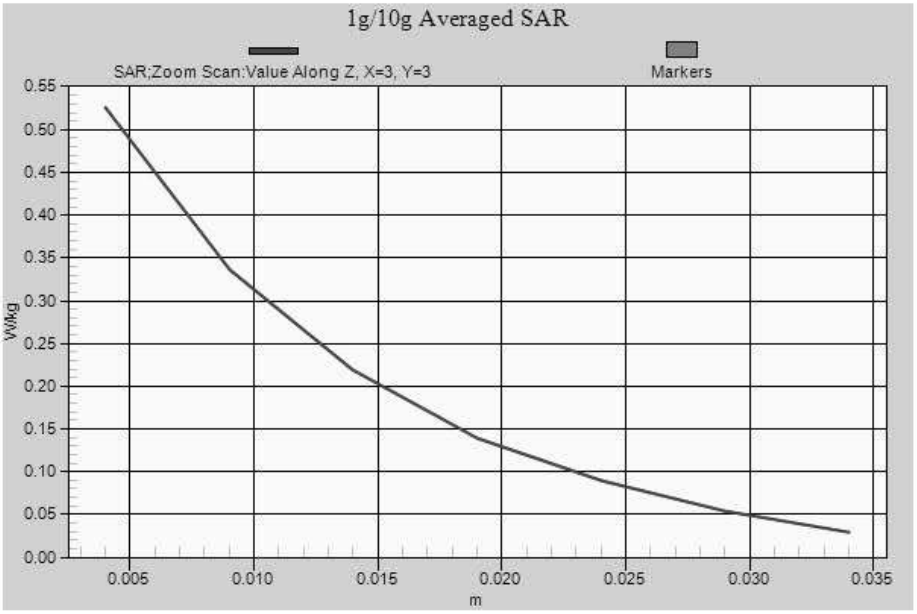
- Probe: EX3DV4 - SN3843; ConvF(7.33, 7.33, 7.33); Calibrated: 2/21/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn854; Calibrated: 12/16/2013
- Phantom: SAM with CRP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

Configuration/UMTS B2_Low CH_Left Cheek/Area Scan (101x171x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.497 W/kg

Configuration/UMTS B2_Low CH_Left Cheek/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
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



0 dB = 0.526 W/kg = -2.79 dBW/kg


1g/10g Averaged SAR
SAR;Zoom Scan:Value Along Z, X=3, Y=3
Markers
0.55
0.50
0.45
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
W/kg
0.005
0.010
0.015
0.020
0.025
0.030
0.035
m

Date/Time: 7/21/2014 11:20:58 AM

Test Laboratory: GTA-Beijing

UMTS B5_Body_10mm_20140721

DUT: PY7PM-0808 ; Serial: CB5A1ZTFMM

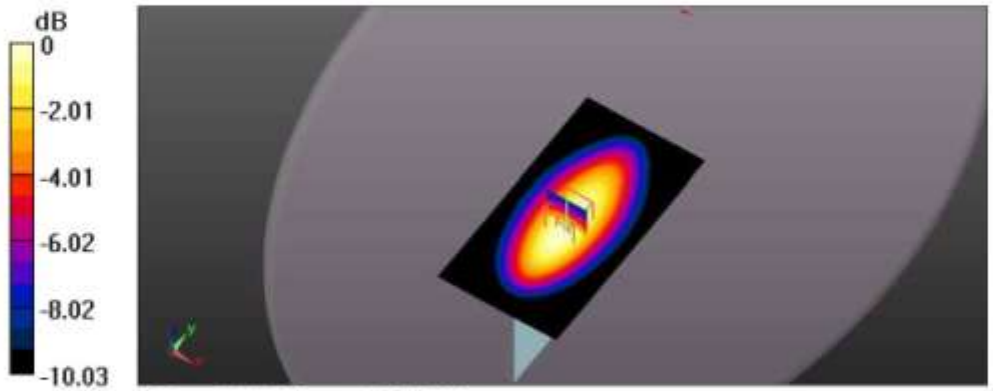
Communication System: UID 0, UMTS_band5; Frequency: 836.6 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used: f = 837 MHz; σ = 0.986 S/m; ε_r = 53.529; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

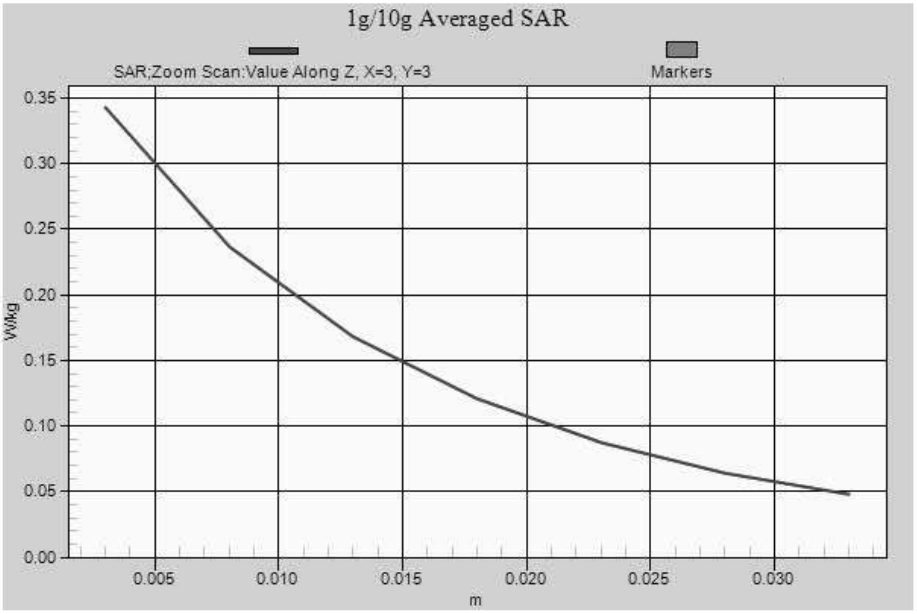
- Probe: ES3DV3 - SN3170; ConvF(6.08, 6.08, 6.08); Calibrated: 12/19/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn853; Calibrated: 12/16/2013
- Phantom: ELI v4.0_1041;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

Configuration/UMTS850_body_Mid CH_Right_10mm_Hotspot On/Area Scan (91x171x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.341 W/kg

Configuration/UMTS850_body_Mid CH_Right_10mm_Hotspot On/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
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


1g/10g Averaged SAR
SAR;Zoom Scan:Value Along Z, X=3, Y=3
Markers
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
W/kg
0.005
0.010
0.015
0.020
0.025
0.030
m

Date/Time: 7/10/2014 12:42:28 PM

Test Laboratory: GTA-Beijing

UMTS B5_Left head cheek_20140710

DUT: PY7PM-0808 ; Serial: CB5A1ZTFMM

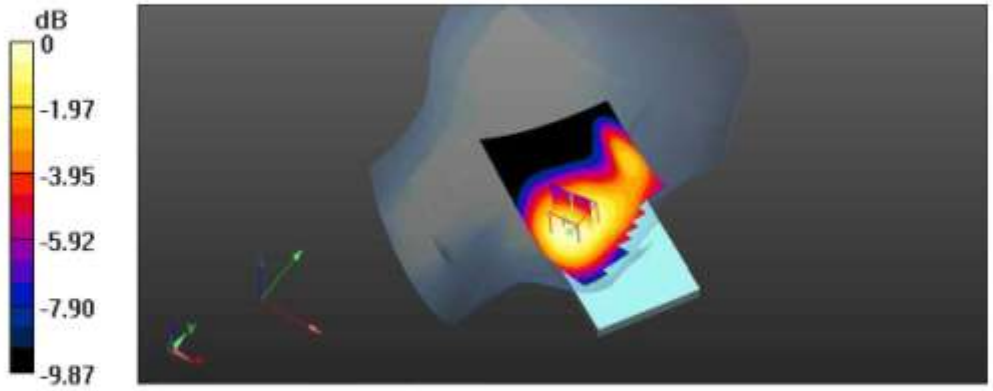
Communication System: UID 0, UMTS_band5; Frequency: 836.6 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used: f = 837 MHz; σ = 0.885 S/m; ε_r = 41.396; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

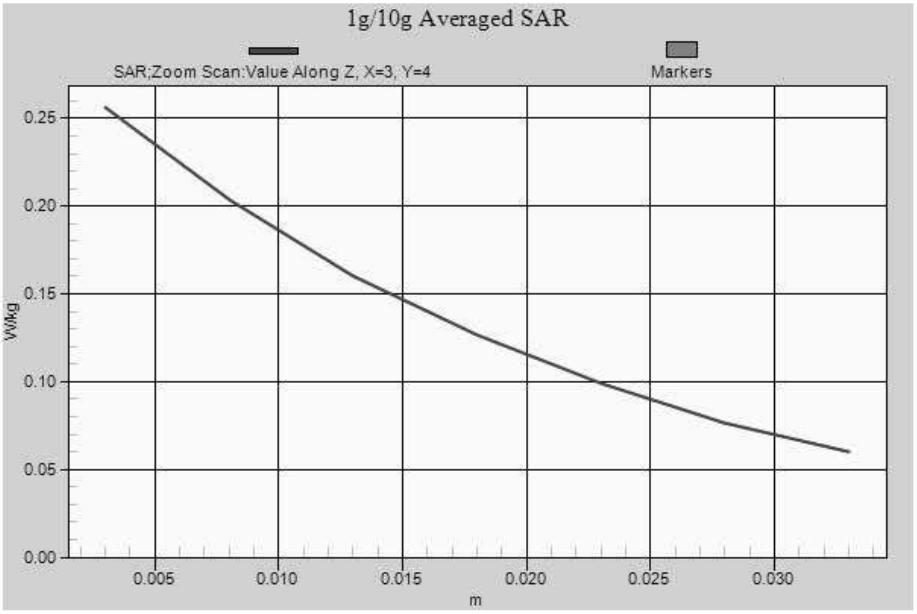
- Probe: ES3DV3 - SN3170; ConvF(6.39, 6.39, 6.39); Calibrated: 12/19/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn853; Calibrated: 12/16/2013
- Phantom: SAM with CRP v4.0_1488; Type: QD000P40CC; Serial: TP:1488
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

UMTS B5_Left Head_Cheek/UMTS B5_Left Cheek_Mid Ch/Area Scan (91x161x1):
Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.253 W/kg

UMTS B5_Left Head_Cheek/UMTS B5_Left Cheek_Mid Ch/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
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



0 dB = 0.256 W/kg = -5.92 dBW/kg


1g/10g Averaged SAR
SAR;Zoom Scan:Value Along Z, X=3, Y=4
Markers
0.25
0.20
0.15
0.10
0.05
0.00
W/kg
0.005
0.010
0.015
0.020
0.025
0.030
m

Date/Time: 7/15/2014 9:55:16 AM

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, σ = 2.062 S/m; ε_r = 50.027; ρ = 1000 kg/m^3

Phantom section: Flat Section

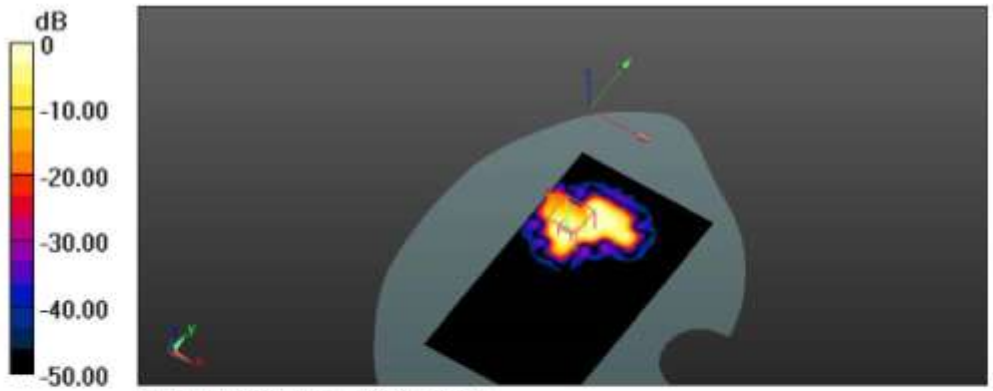
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

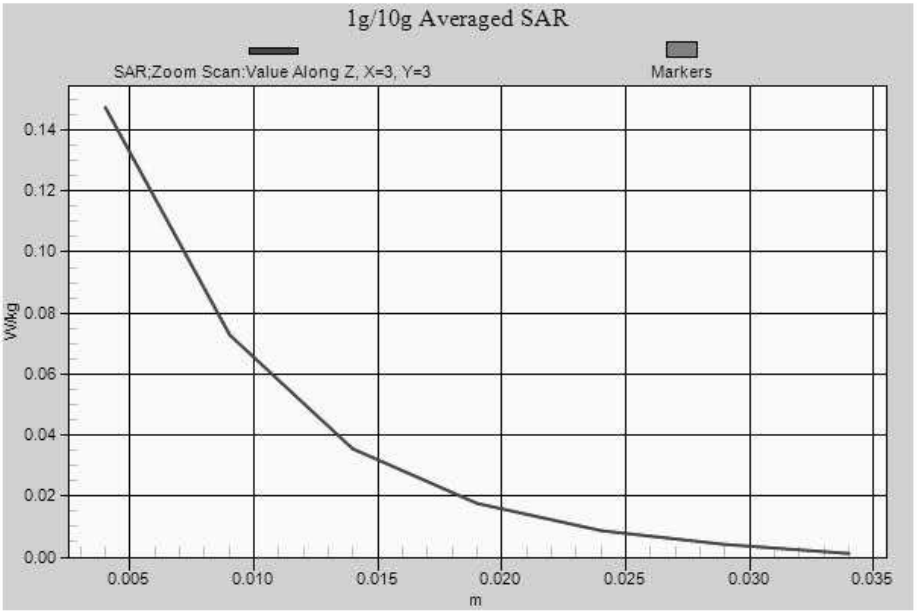
- Probe: EX3DV4 - SN3843; ConvF(6.6, 6.6, 6.6); Calibrated: 2/21/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn854; Calibrated: 12/16/2013
- Phantom: SAM with CRP v5.0#1696; Type: QD000P40CD; Serial: TP:1696
- DASY52 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=5mm, dy=5mm, dz=5mm
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



0 dB = 0.147 W/kg = -8.33 dBW/kg


1g/10g Averaged SAR
SAR;Zoom Scan:Value Along Z, X=3, Y=3
Markers
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
W/kg
0.005
0.010
0.015
0.020
0.025
0.030
0.035
m

Date/Time: 7/28/2014 4:13:24 PM

Test Laboratory: GTA-Beijing

WLAN2.4G_Left head cheek_20140728

DUT: PY7PM-0808 '; Serial: CB5A1ZTFMM

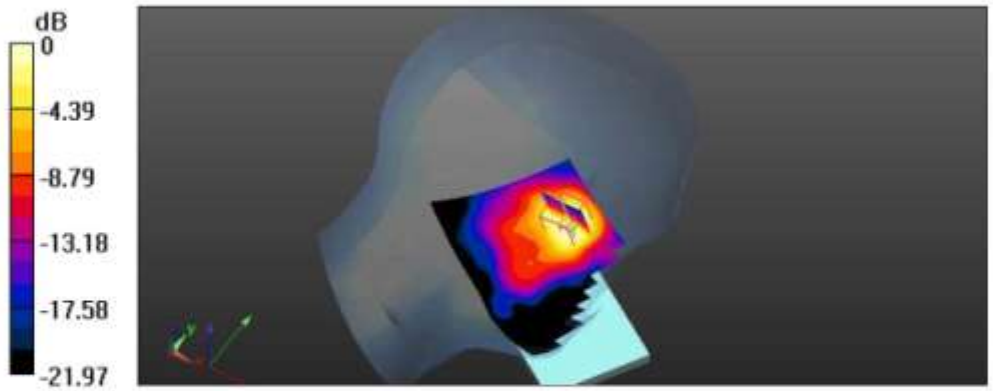
Communication System: UID 0, WLAN 802.11 b 1M (0); Frequency: 2437 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.875 S/m; ε_r = 39.607; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

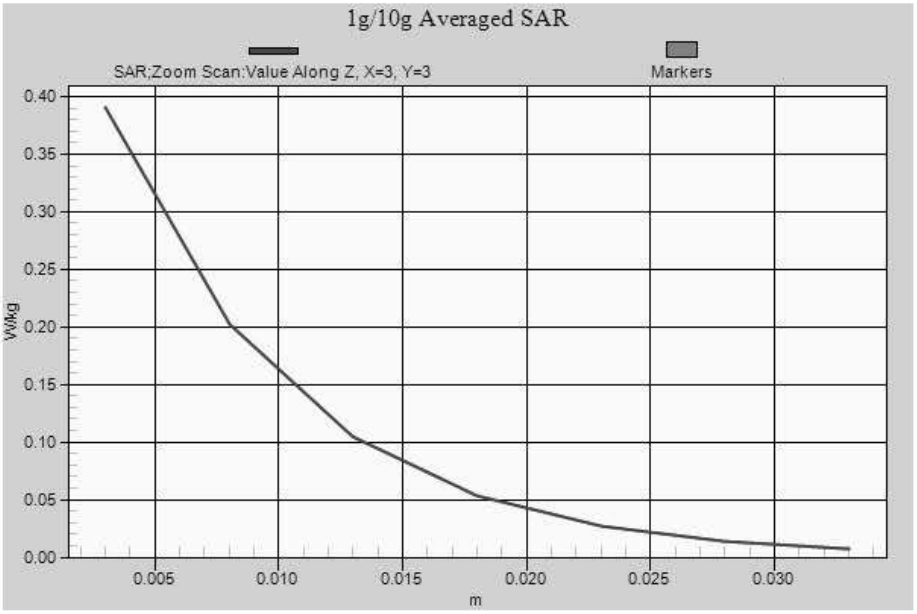
- Probe: ES3DV3 - SN3169; ConvF(4.42, 4.42, 4.42); Calibrated: 12/19/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn853; Calibrated: 12/16/2013
- Phantom: SAM with CRP v4.0_1489; Type: QD000P40CC; Serial: TP:1489
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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


1g/10g Averaged SAR
SAR;Zoom Scan:Value Along Z, X=3, Y=3
Markers
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
W/kg
0.005
0.010
0.015
0.020
0.025
0.030
m

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 MHz; σ = 5.441 S/m; ε_r = 49.95; ρ = 1000 kg/m^3

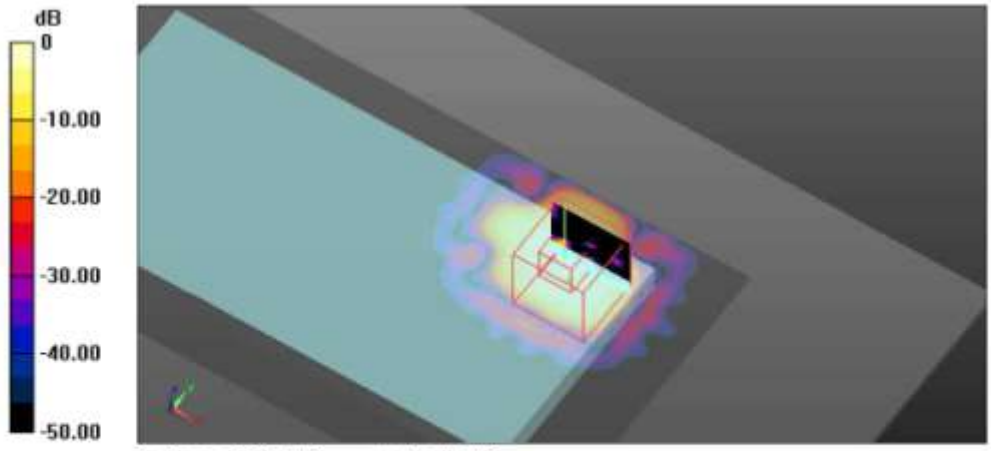
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

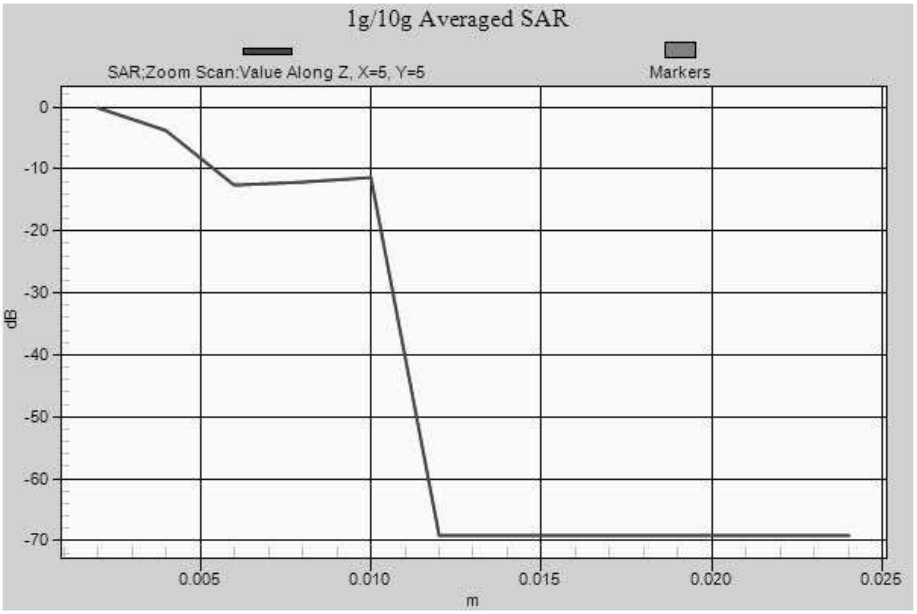
- Probe: EX3DV4 - SN3642; ConvF(4.1, 4.1, 4.1); Calibrated: 12/20/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1326; Calibrated: 2/14/2014
- Phantom: Triple Flat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

Configuration/Wlan5G_CH48_Back 2/Area Scan (101x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.0631 W/kg

Configuration/Wlan5G_CH48_Back 2/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
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


1g/10g Averaged SAR
SAR;Zoom Scan:Value Along Z, X=5, Y=5
Markers
0
-10
-20
-30
-40
-50
-60
-70
dB
0.005
0.010
0.015
0.020
0.025
m

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 MHz; σ = 4.893 S/m; ε_r = 35.649; ρ = 1000 kg/m^3

Phantom section: Left Section

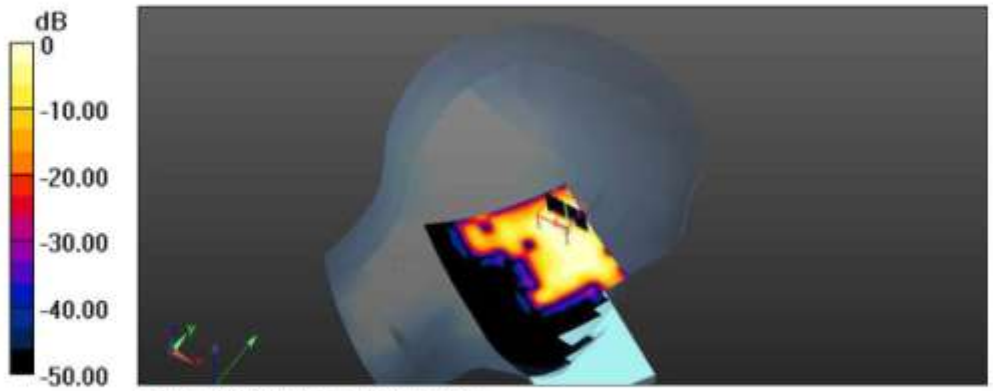
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

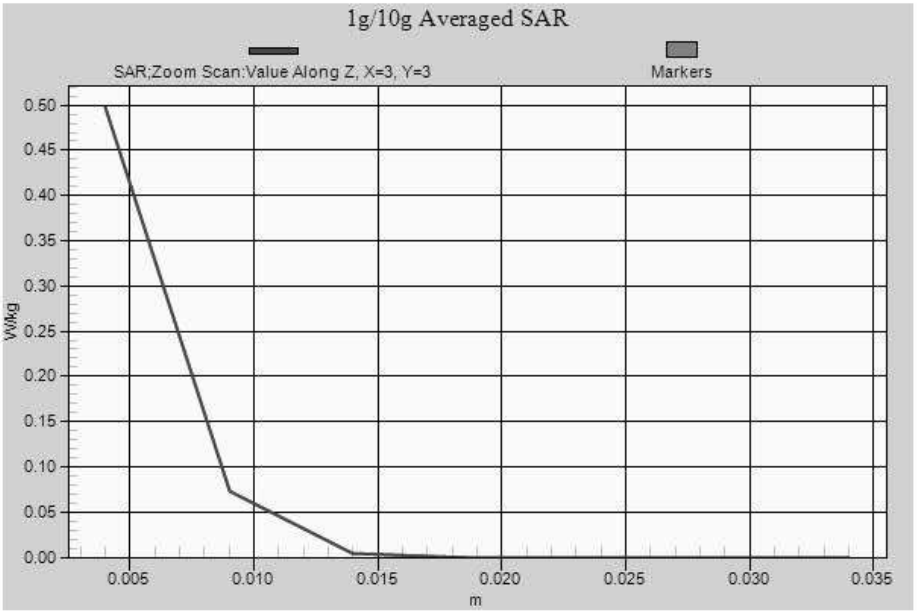
- Probe: EX3DV4 - SN3642; ConvF(4.97, 4.97, 4.97); Calibrated: 12/20/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1326; Calibrated: 2/14/2014
- Phantom: SAM with 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 mm, dy=1.000 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=5mm, dy=5mm, dz=5mm
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



0 dB = 0.497 W/kg = -3.04 dBW/kg


1g/10g Averaged SAR
SAR;Zoom Scan:Value Along Z, X=3, Y=3
Markers
0.50
0.45
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
W/kg
0.005
0.010
0.015
0.020
0.025
0.030
0.035
m

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

Test Laboratory: GTA-Beijing

Bluetooth_Left head_20140731

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

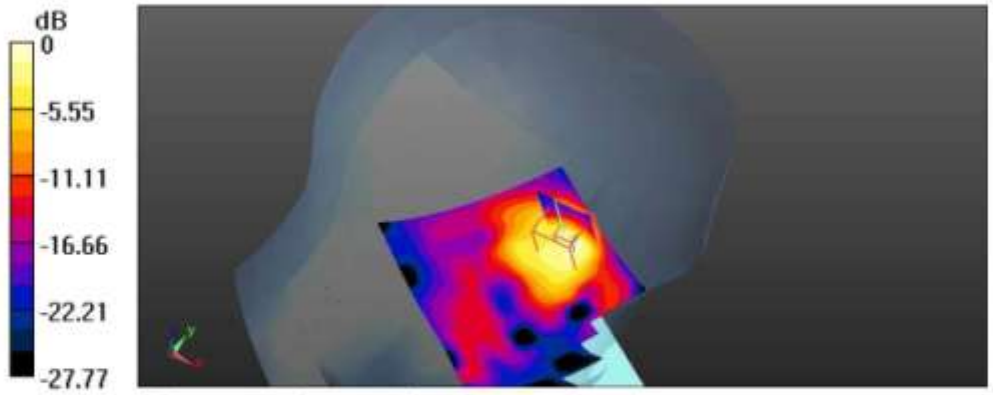
Communication System: UID 0, Bluetooth (0); Communication System Band: Bluetooth; Frequency: 2441 MHz;Communication System PAR: 1.16 dB; PMF: 1.14288
Medium parameters used (interpolated): f = 2441 MHz; σ = 1.873 S/m; ε_r = 39.569; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

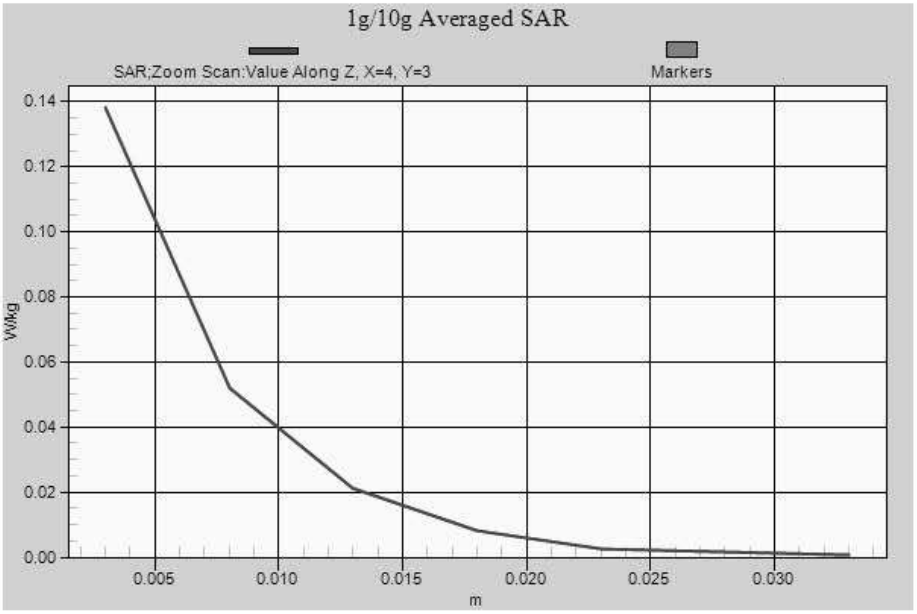
- Probe: ES3DV3 - SN3169; ConvF(4.42, 4.42, 4.42); Calibrated: 12/19/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn853; Calibrated: 12/16/2013
- Phantom: SAM with CRP v4.0_1489; Type: QD000P40CC; Serial: TP:1489
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Bletooth_Right Cheek_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/Bletooth_Right Cheek_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



0 dB = 0.138 W/kg = -8.60 dBW/kg


1g/10g Averaged SAR
SAR;Zoom Scan:Value Along Z, X=4, Y=3
Markers
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
W/kg
0.005
0.010
0.015
0.020
0.025
0.030
m

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; σ = 0.982 S/m; ε_r = 52.903; ρ = 1000 kg/m^3

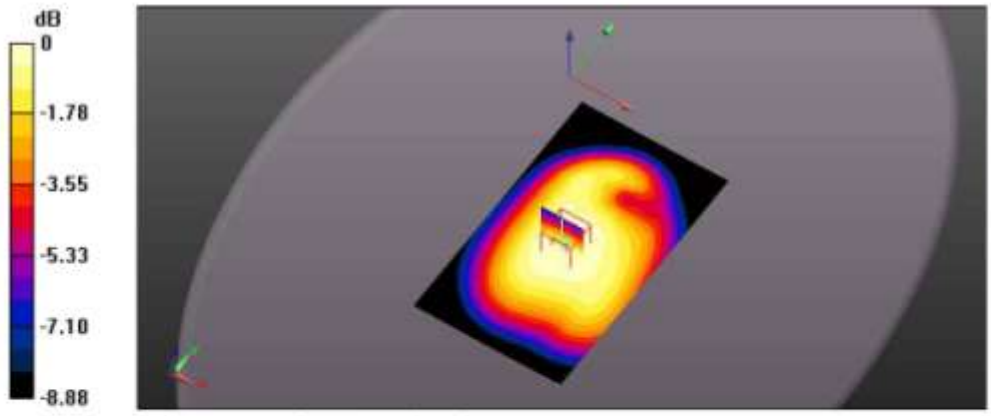
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

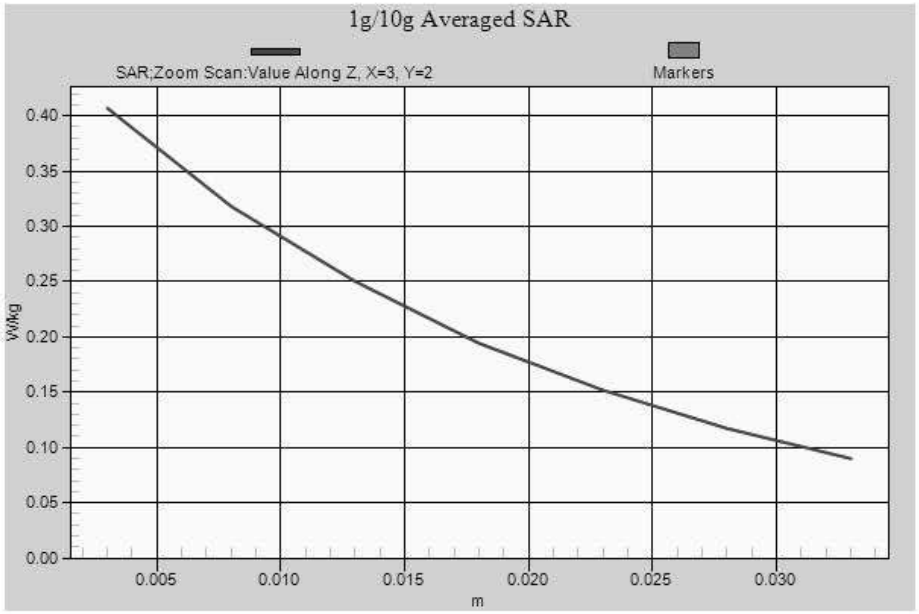
- Probe: EX3DV4 - SN3642; ConvF(8.97, 8.97, 8.97); Calibrated: 12/12/2014;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn853; Calibrated: 12/12/2014
- Phantom: ELI v4.0_1041; Type: QDOVA001BB; Serial: TP:xxxx
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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



0 dB = 0.407 W/kg = -3.90 dBW/kg


1g/10g Averaged SAR
SAR;Zoom Scan:Value Along Z, X=3, Y=2
Markers
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
W/kg
0.005
0.010
0.015
0.020
0.025
0.030
m

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; σ = 0.865 S/m; ε_r = 41.219; ρ = 1000 kg/m^3

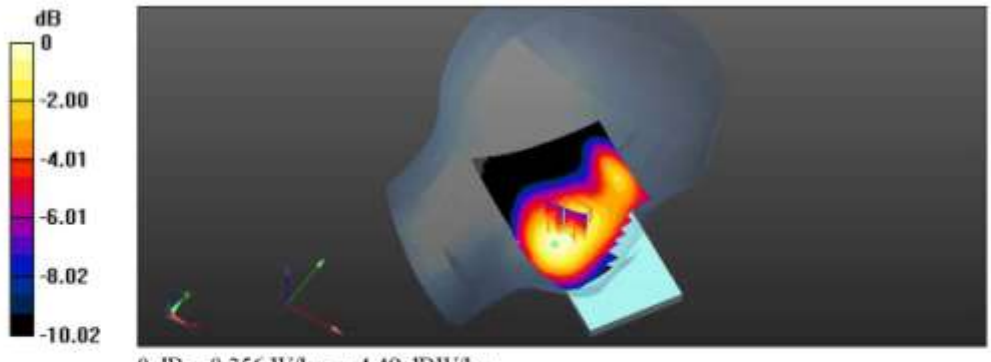
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

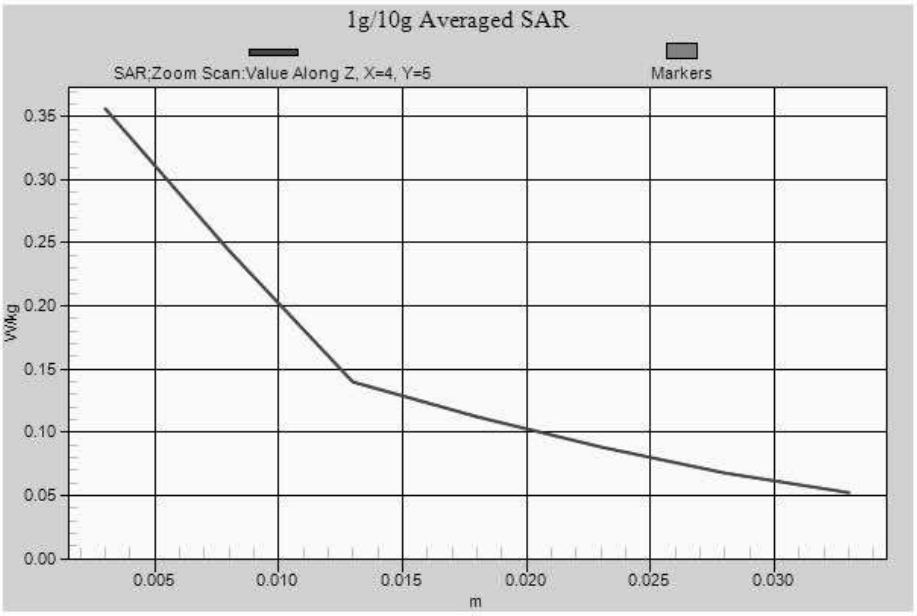
- Probe: EX3DV4 - SN3642; ConvF(9.29, 9.29, 9.29); Calibrated: 12/12/2014;
- Sensor-Surface: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn853; Calibrated: 12/12/2014
- Phantom: SAM with CRP v4.0_1488; Type: QD000P40CC; Serial: TP:1488
- DASY52 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=5mm, dy=5mm, dz=5mm
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


1g/10g Averaged SAR
SAR;Zoom Scan:Value Along Z, X=4, Y=5
Markers
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
W/kg
0.005
0.010
0.015
0.020
0.025
0.030
m

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; σ = 1.536 S/m; ε_r = 51.687; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (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
- DASY52 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

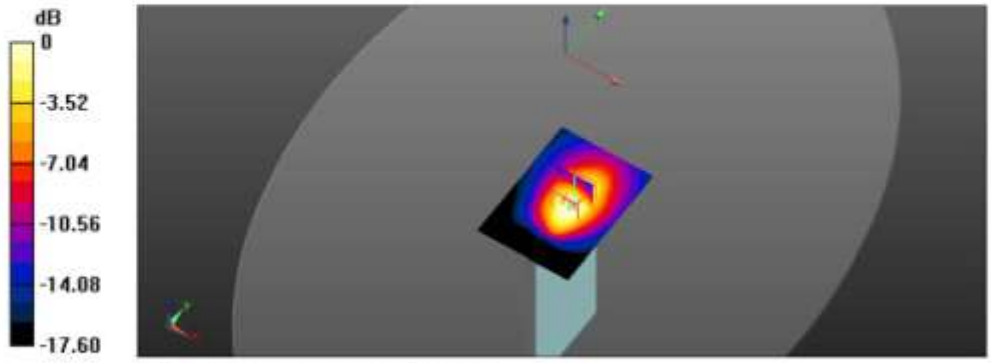
Configuration FCC/Body GSM1900_4TS_Mid CH_Front_Hotspot ON 2/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

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

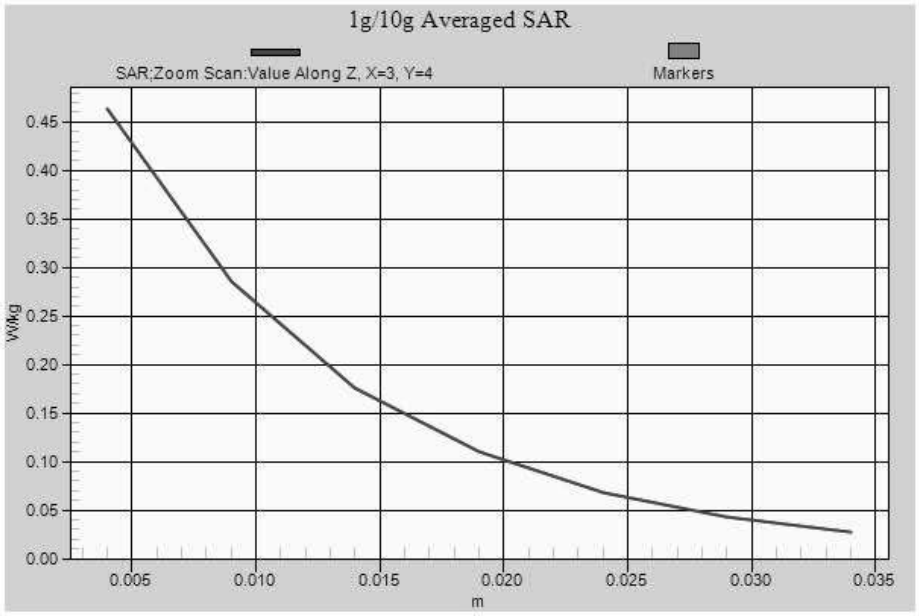
Peak SAR (extrapolated) = 0.701 W/kg

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

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



0 dB = 0.463 W/kg = -3.34 dBW/kg


1g/10g Averaged SAR
SAR;Zoom Scan:Value Along Z, X=3, Y=4
Markers
W/kg
0.45
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
0.005
0.010
0.015
0.020
0.025
0.030
0.035
m

Date/Time: 2/10/2015 2:01:39 PM

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 MHz; σ = 1.389 S/m; ε_r = 38.275; ρ = 1000 kg/m^3

Phantom section: Left Section

Measurement Standard: DASY5 (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
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head_GSM 1900 DTM_1CS+2PS/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

Configuration/Head_GSM 1900 DTM_1CS+2PS/Zoom Scan (7x7x7)/Cube 0:

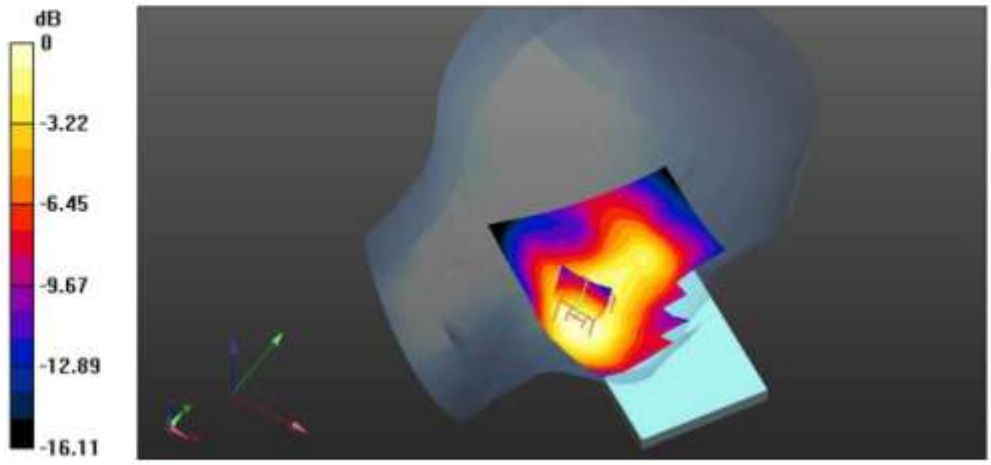
Measurement grid: dx=5mm, dy=5mm, dz=5mm

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

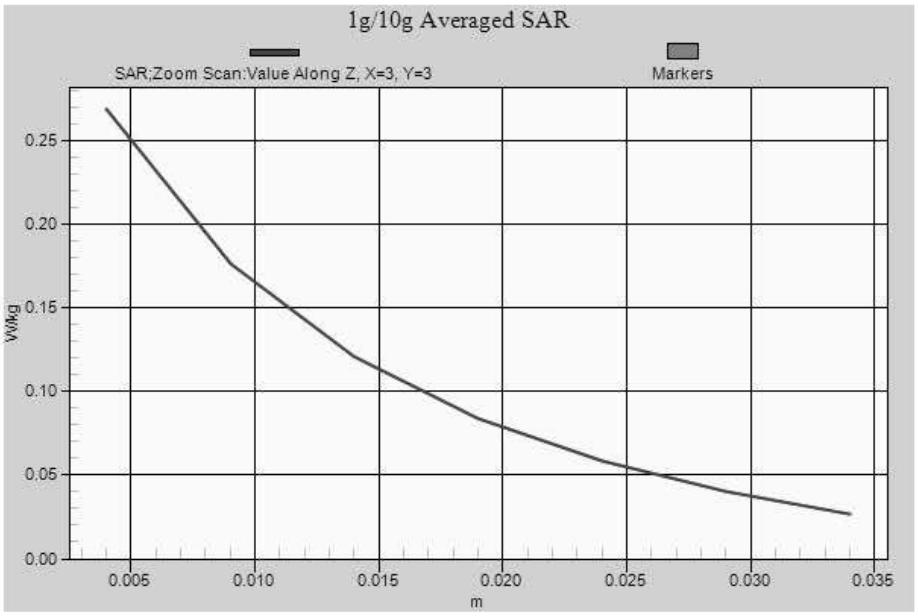
Peak SAR (extrapolated) = 0.392 W/kg

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

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



0 dB = 0.269 W/kg = -5.70 dBW/kg



Date/Time: 2/10/2015 4:08:43 PM

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 MHz; σ = 1.536 S/m; ε_r = 51.687; ρ = 1000 kg/m^3

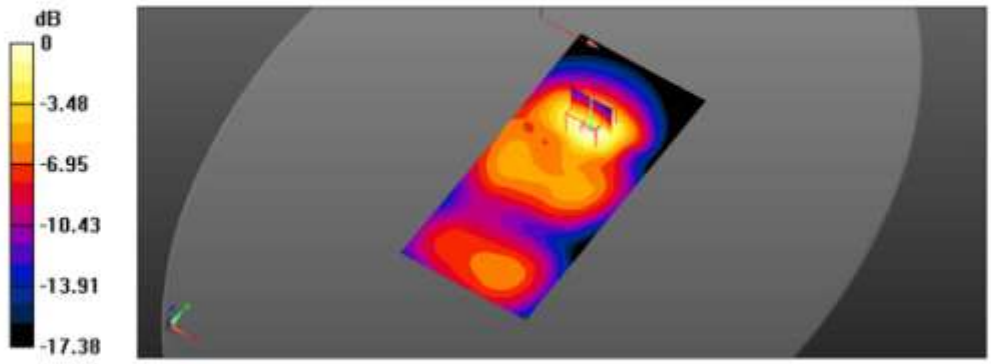
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

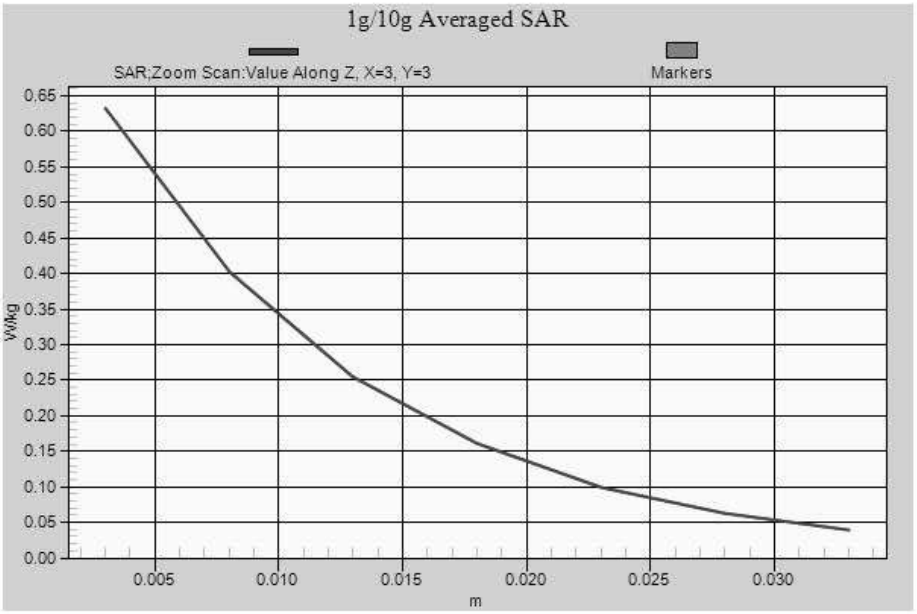
- Probe: ES3DV3 - SN3295; ConvF(4.65, 4.65, 4.65); Calibrated: 3/14/2014;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1437; Calibrated: 7/8/2014
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:xxxx
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration FCC/Body UMTS Band II_Front_Mid/Area Scan (61x131x1):
Interpolated grid: dx=1.500 mm, dy=1.500 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=5mm, dy=5mm, dz=5mm
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



0 dB = 0.632 W/kg = -1.99 dBW/kg


1g/10g Averaged SAR
SAR;Zoom Scan:Value Along Z, X=3, Y=3
Markers
W/kg
0.65
0.60
0.55
0.50
0.45
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
0.005
0.010
0.015
0.020
0.025
0.030
m

Date/Time: 2/10/2015 12:34:16 PM

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 MHz; σ = 1.359 S/m; ε_r = 38.384; ρ = 1000 kg/m^3

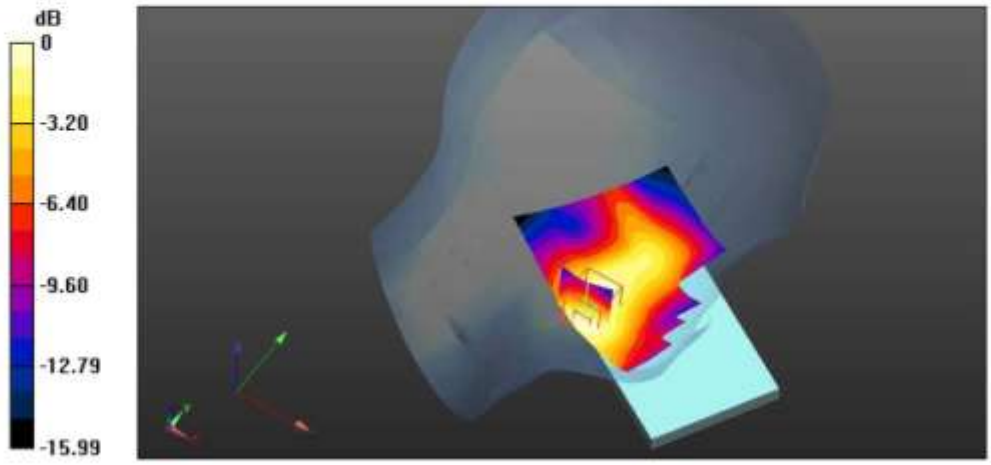
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

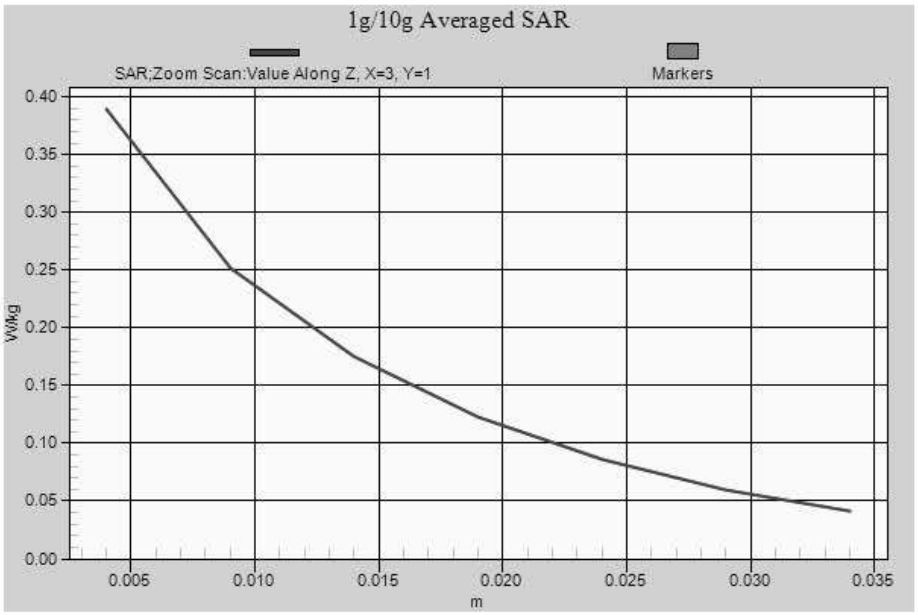
- Probe: ES3DV3 - SN3295; ConvF(5.11, 5.11, 5.11); Calibrated: 3/14/2014;
  - Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1437; Calibrated: 7/8/2014
- Phantom: SAM with CRP v5.0 #1697; Type: QD000P40CD; Serial: TP1697
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head_UMTS Band II/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.380 W/kg

Configuration/Head_UMTS Band II/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
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



0 dB = 0.389 W/kg = -4.10 dBW/kg



Date/Time: 2/10/2015 3:03:28 PM

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

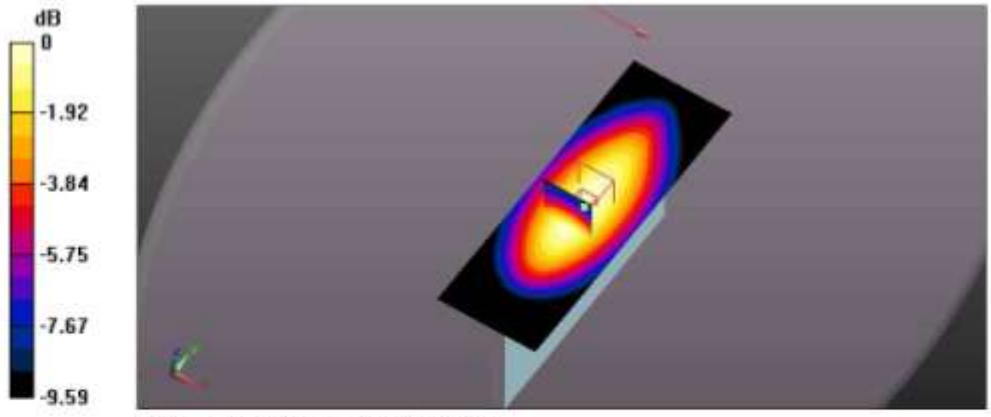
Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.982 S/m; ε_r = 52.903; ρ = 1000 kg/m^3

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

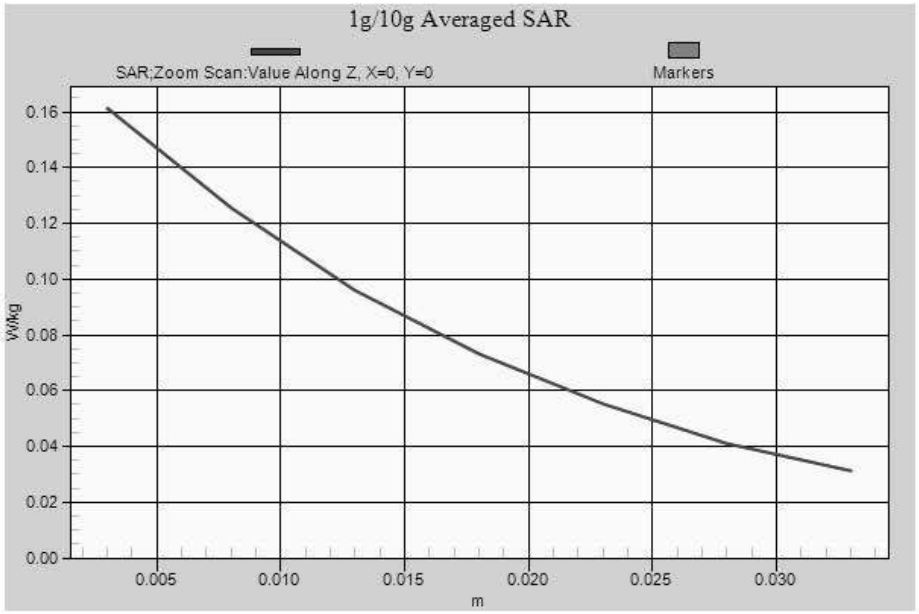
DASY Configuration:

- 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
- DASY52 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=5mm, dy=5mm, dz=5mm
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


1g/10g Averaged SAR
SAR;Zoom Scan:Value Along Z, X=0, Y=0
Markers
W/kg
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
0.005
0.010
0.015
0.020
0.025
0.030
m

Date/Time: 2/10/2015 12:44:49 PM

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

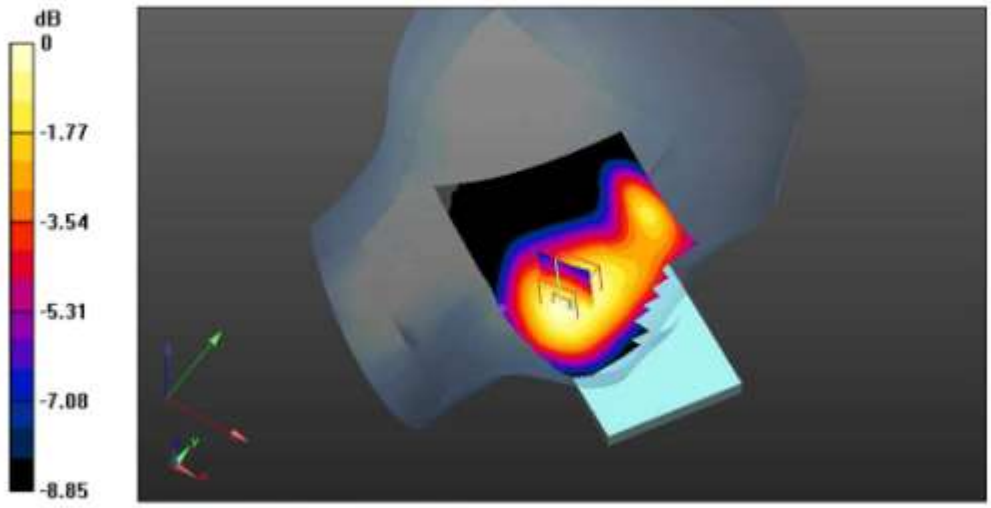
Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.865 S/m; ε_r = 41.219; ρ = 1000 kg/m^3

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

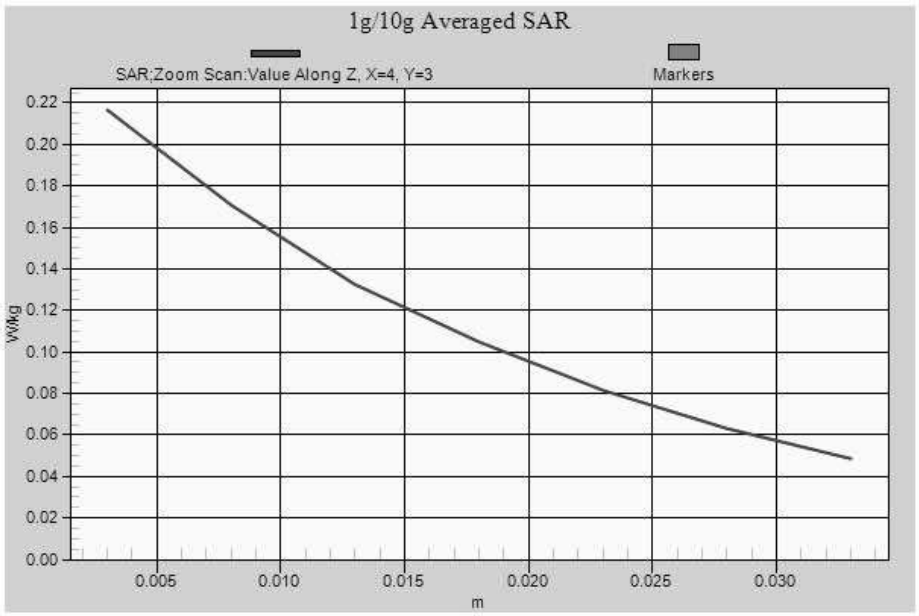
DASY Configuration:

- 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
- DASY52 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=5mm, dy=5mm, dz=5mm
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



0 dB = 0.216 W/kg = -6.66 dBW/kg


1g/10g Averaged SAR
SAR;Zoom Scan:Value Along Z, X=4, Y=3
Markers
W/kg
0.22
0.20
0.18
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
0.005
0.010
0.015
0.020
0.025
0.030
m

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

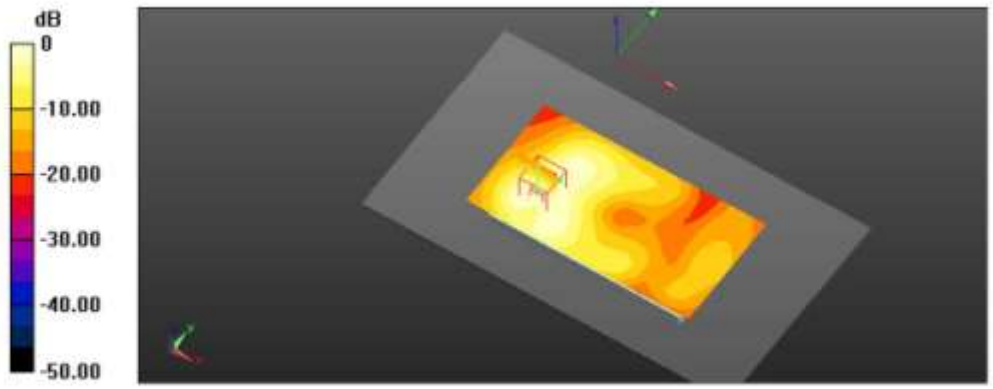
Communication System: UID 0, LTE-FDD(SC-FDMA,1RB,20MHz,QPSK) (0); Communication System Band: Band7; Frequency: 2510 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used: f = 2510 MHz; σ = 1.962 S/m; ε_r = 50.534; ρ = 1000 kg/m^3
Phantom section: Center Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

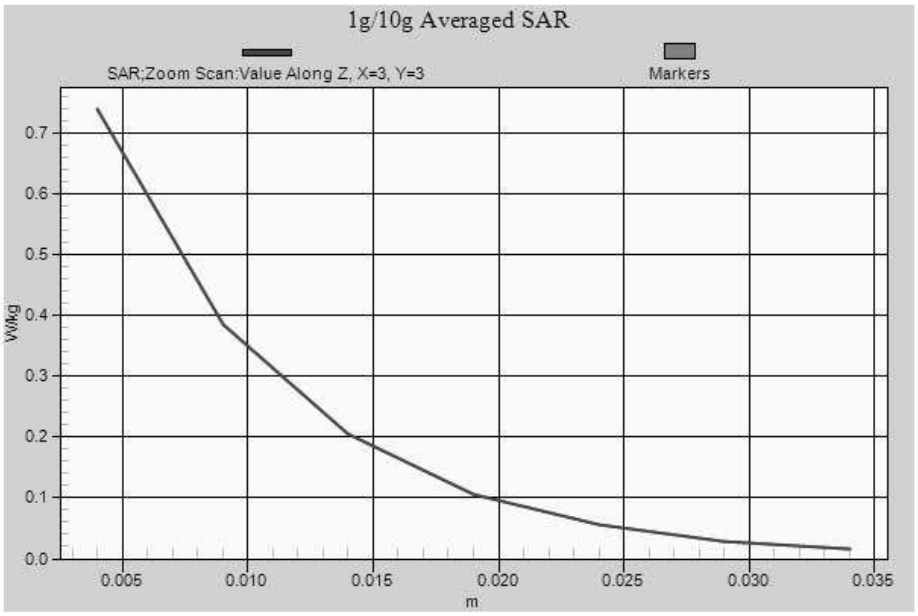
- Probe: ES3DV3 - SN3169; ConvF(3.92, 3.92, 3.92); Calibrated: 12/16/2014;
- Sensor-Surface: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn854; Calibrated: 12/15/2014
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: xxxx
- DASY52 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 mm, dy=1.000 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=5mm, dy=5mm, dz=5mm
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



0 dB = 0.739 W/kg = -1.31 dBW/kg



file://C:\Documents and Settings\XP009940\Desktop\Backup\Report\LTE Band7_Body... 3/3/2015

Date/Time: 2/15/2015 1:40:37 PM

Test Laboratory: GTA-Beijing

LTE Band 7_Left_head

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

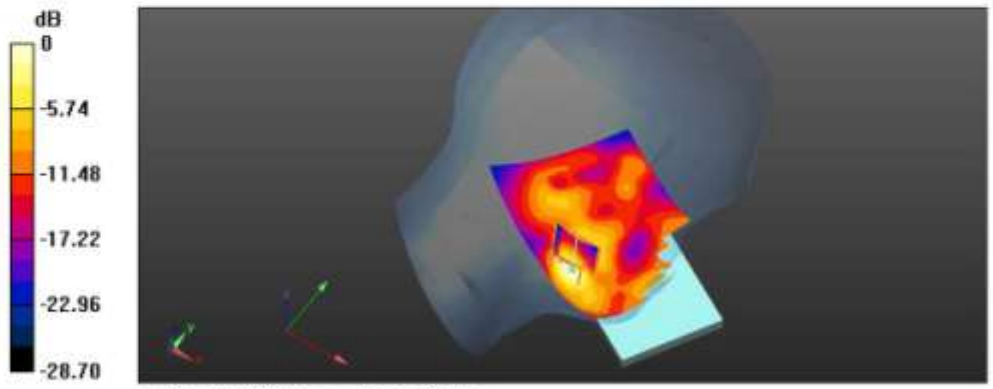
Communication System: UID 0, LTE-FDD(SC-FDMA,1RB,20MHz,QPSK) (0); Communication System Band: Band7,E-UTRA/FDD(2500-2570MHz); Frequency: 2560 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used: f = 2560 MHz; σ = 1.998 S/m; ε_r = 39.568; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

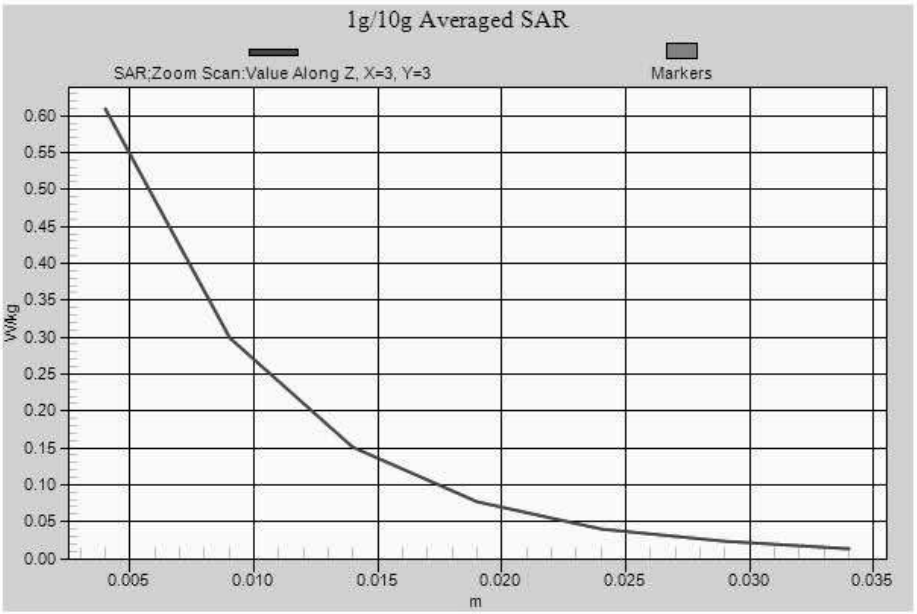
- Probe: ES3DV3 - SN3295; ConvF(4.34, 4.34, 4.34); Calibrated: 3/14/2014;
- Sensor-Surface: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1437; Calibrated: 7/8/2014
- Phantom: SAM with CRP v5.0#1696; Type: QD000P40CD; Serial: TP:1696
- DASY52 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



0 dB = 0.609 W/kg = -2.15 dBW/kg



file://C:\Documents and Settings\XP009940\Desktop\Backup\Report\LTE Band 7_Left_... 3/3/2015

Date/Time: 2/16/2015 10:00:59 AM

Test Laboratory: GTA-Beijing

LTE Band41_Body_10mm_20150216

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

Communication System: UID 0, LTE-TDD(SC-FDMA,1RB,20MHz,QPSK) (0); Communication System Band: Band41; Frequency: 2636.5 MHz;Communication System PAR: 2.01 dB; PMF: 1
Medium parameters used (interpolated): f = 2636.5 MHz; σ = 2.133 S/m; ε_r = 50.109; ρ = 1000 kg/m^3

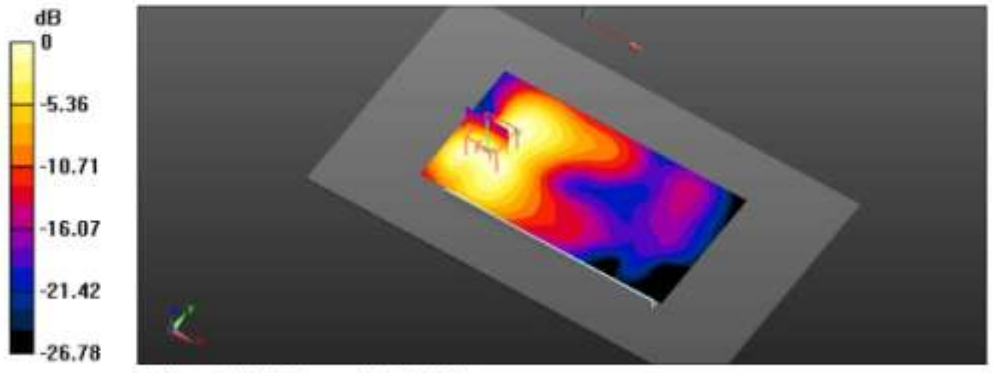
Phantom section: Center Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

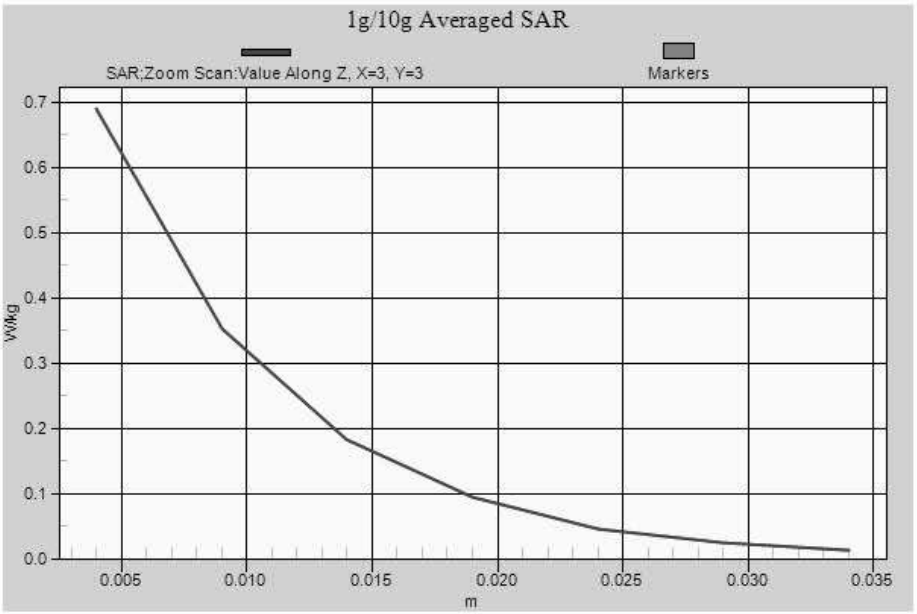
- Probe: ES3DV3 - SN3169; ConvF(3.92, 3.92, 3.92); Calibrated: 12/16/2014;
- Sensor-Surface: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn854; Calibrated: 12/15/2014
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: xxxx
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

LTE Band41_Body_20MHz/LTE Band41_Back_High2 channel_1RB offset0_10mm 2/Area Scan (171x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.796 W/kg

LTE Band41_Body_20MHz/LTE Band41_Back_High2 channel_1RB offset0_10mm 2/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.579 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.32 W/kg
SAR(1 g) = 0.621 W/kg; SAR(10 g) = 0.317 W/kg
Maximum value of SAR (measured) = 0.689 W/kg



0 dB = 0.689 W/kg = -1.62 dBW/kg



file://C:\Documents and Settings\XP009940\Desktop\Backup\Report\LTE Band41_Bo... 3/11/2015

Date/Time: 2/16/2015 9:33:22 AM

Test Laboratory: GTA-Beijing

LTE Band 41_Left_head_20150216

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

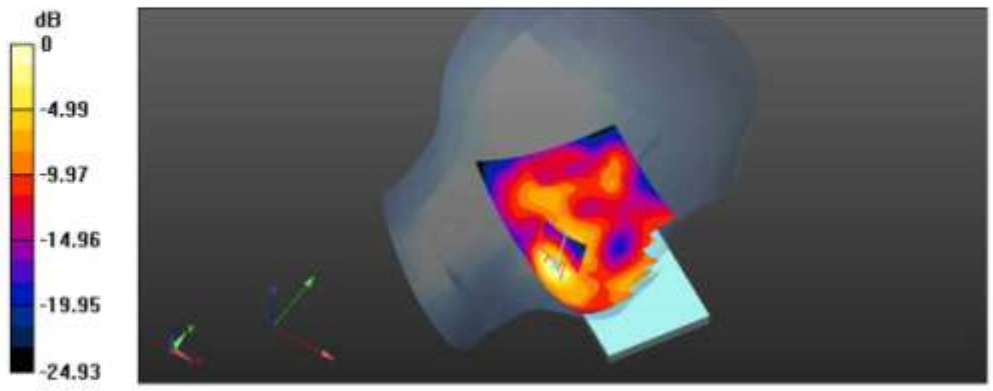
Communication System: UID 0, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK) (0); Communication System Band: Band41; Frequency: 2549.5 MHz;Communication System PAR:2.01dB; PMF: 1
Medium parameters used: f = 2550 MHz; σ = 1.986 S/m; ε_r = 39.607; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

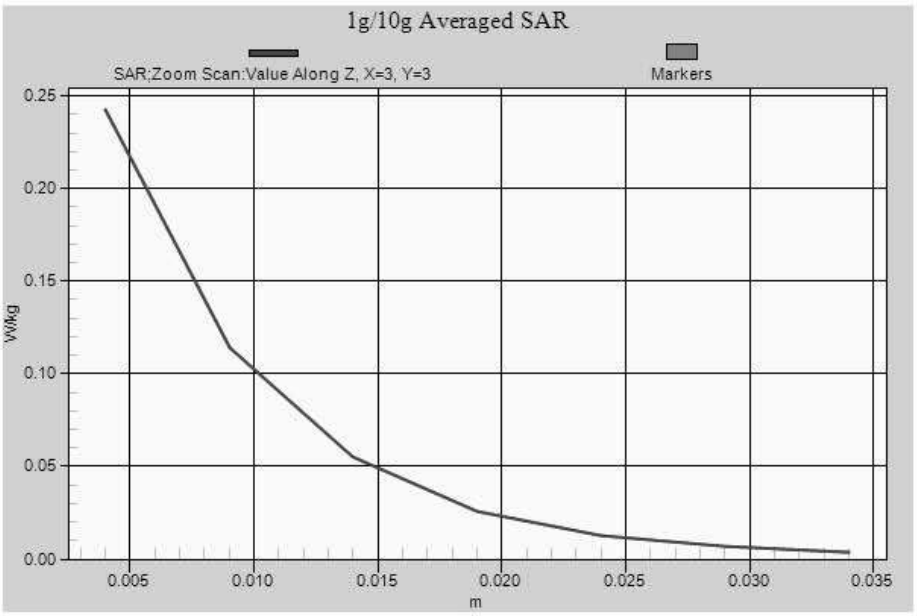
- Probe: ES3DV3 - SN3295; ConvF(4.34, 4.34, 4.34); Calibrated: 3/14/2014;
- Sensor-Surface: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1437; Calibrated: 7/8/2014
- Phantom: SAM with CRP v5.0#1696; Type: QD000P40CD; Serial: TP:1696
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/LTE B41_Left Cheek_Low-Mid CH_1RB offset Mid/Area Scan (101x161x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.277 W/kg

Configuration/LTE B41_Left Cheek_Low-Mid CH_1RB offset Mid/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.980 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 0.503 W/kg
SAR(1 g) = 0.203 W/kg; SAR(10 g) = 0.078 W/kg
Maximum value of SAR (measured) = 0.242 W/kg



0 dB = 0.242 W/kg = -6.16 dBW/kg


1g/10g Averaged SAR
SAR;Zoom Scan:Value Along Z, X=3, Y=3
Markers
0.25
0.20
0.15
0.10
0.05
0.00
W/kg
0.005
0.010
0.015
0.020
0.025
0.030
0.035
m

Date/Time: 3/13/2015 11:25:27 AM

Test Laboratory: The name of your organization

2.4G Wifi Body_20150313

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

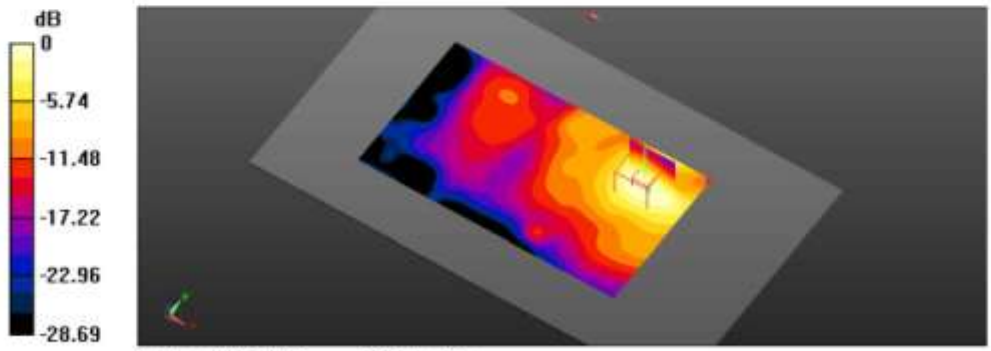
Communication System: UID 0, WLAN (0); Communication System Band: Wlan 2.45GHz; Frequency: 2437 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.862 S/m; ε_r = 50.771; ρ = 1000 kg/m^3
Phantom section: Center Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI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

DASY Configuration:

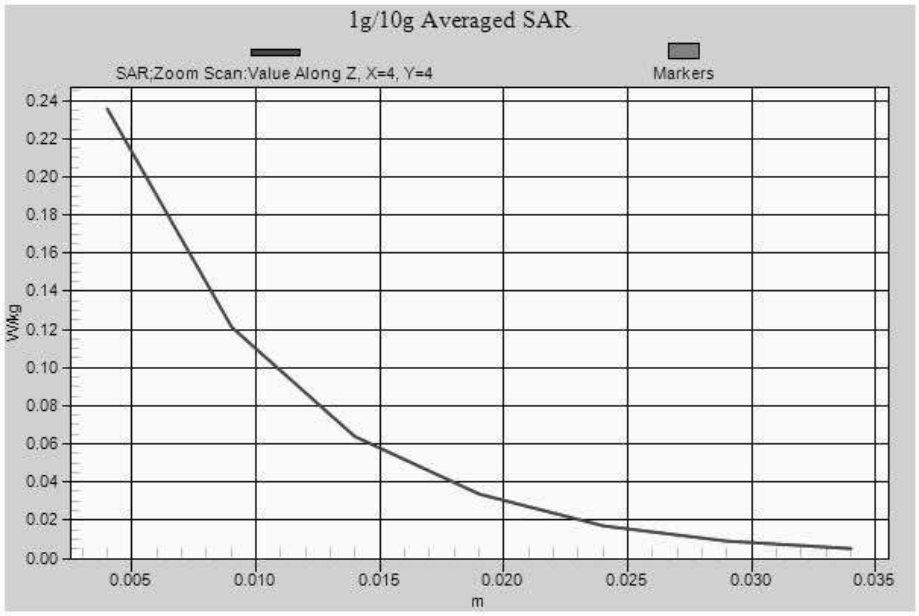
- Probe: ES3DV3 - SN3295; ConvF(4.23, 4.23, 4.23); Calibrated: 3/14/2014;
  - Modulation Compensation:
- Sensor-Surface: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn854; Calibrated: 12/15/2014
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: xxxx
- 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 mm, dy=1.200 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=5mm, dy=5mm, dz=5mm
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



0 dB = 0.236 W/kg = -6.27 dBW/kg


1g/10g Averaged SAR
SAR;Zoom Scan:Value Along Z, X=4, Y=4
Markers
W/kg
0.24
0.22
0.20
0.18
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
0.005
0.010
0.015
0.020
0.025
0.030
0.035
m

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

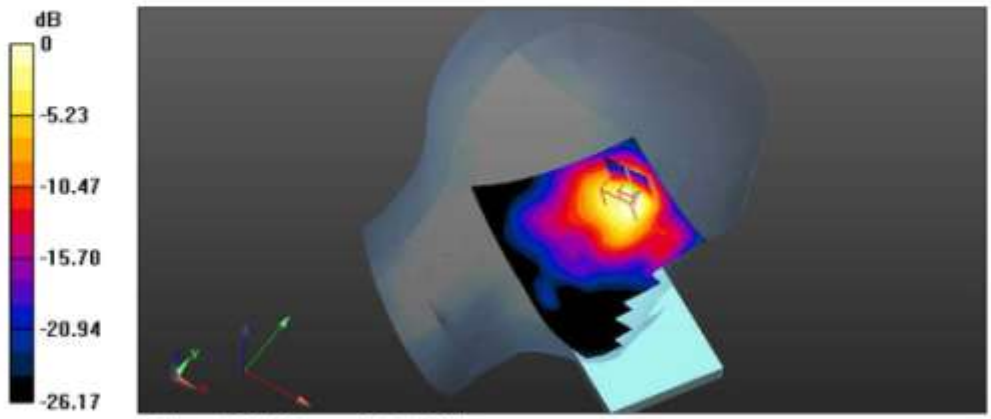
Communication System: UID 0, WLAN (0); Communication System Band: 802.11b; Frequency: 2462 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used (interpolated): f = 2462 MHz; σ = 1.773 S/m; ε_r = 40.011; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

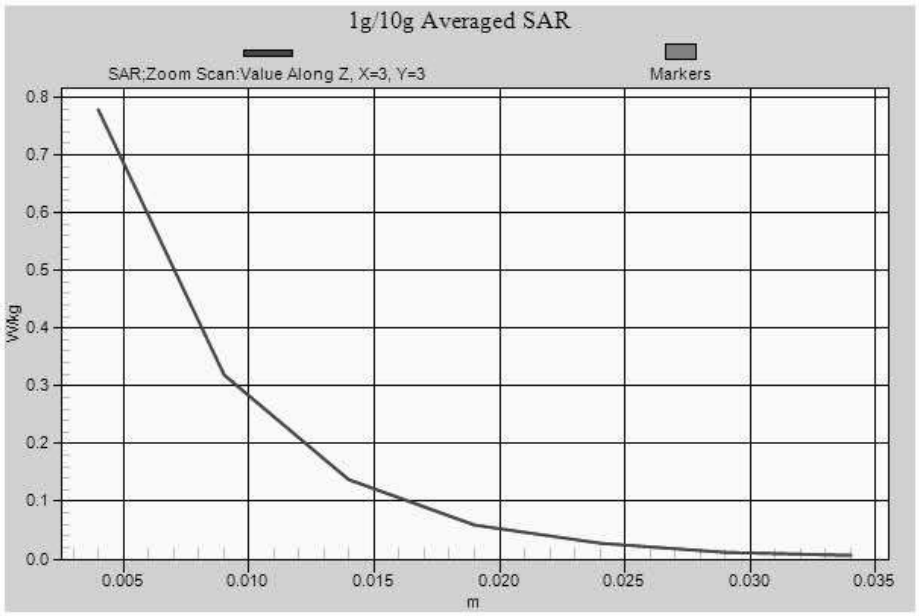
- Probe: ES3DV3 - SN3295; ConvF(4.53, 4.53, 4.53); Calibrated: 3/14/2014;
  - Modulation Compensation:
- Sensor-Surface: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1437; Calibrated: 7/8/2014
- 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=5mm, dy=5mm, dz=5mm
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


1g/10g Averaged SAR
SAR;Zoom Scan:Value Along Z, X=3, Y=3
Markers
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
W/kg
0.005
0.010
0.015
0.020
0.025
0.030
0.035
m

Date/Time: 2/25/2015 3:27:49 PM

Test Laboratory: GTA-Beijing

MSL5G

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

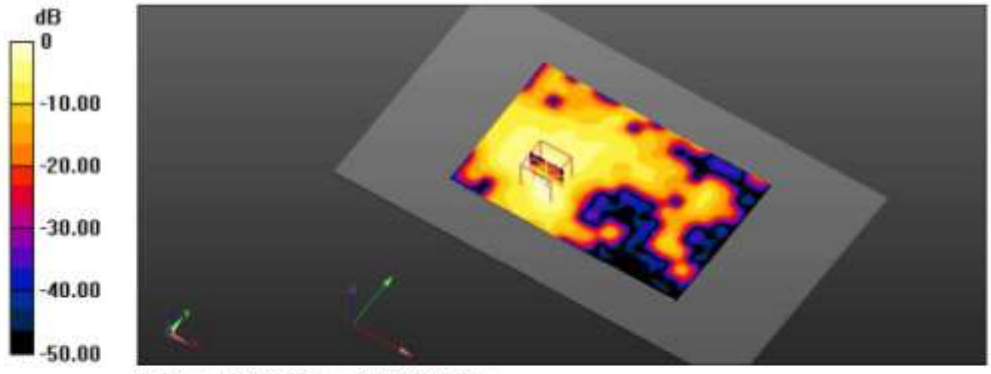
Communication System: UID 0, WLAN (0); Communication System Band: Wlan 5GHz; Frequency: 5240 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used: f = 5240 MHz; σ = 5.441 S/m; ε_r = 49.95; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

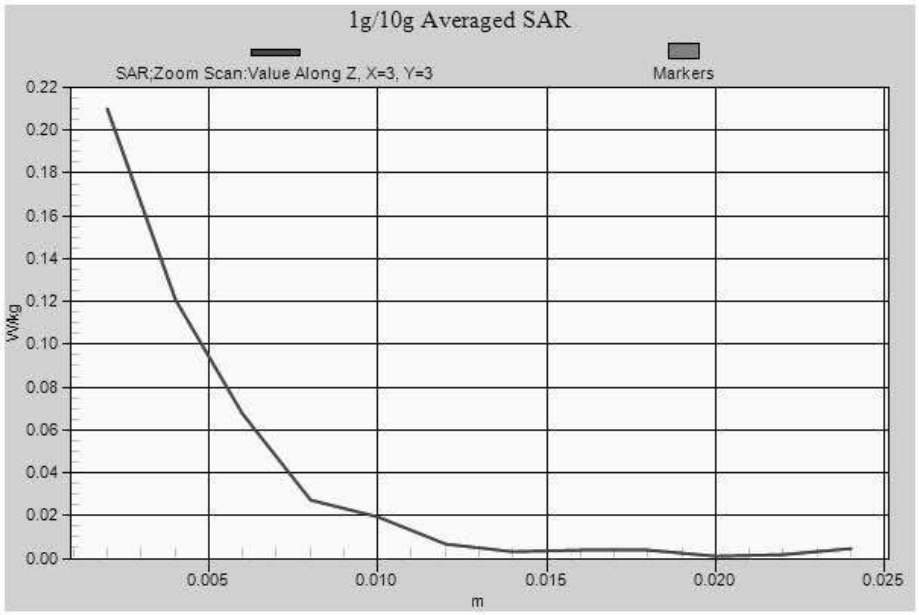
- Probe: EX3DV4 - SN7306; ConvF(4.68, 4.68, 4.68); Calibrated: 7/16/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn854; Calibrated: 12/15/2014
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: xxxx
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body Wlan 5G Back_CH48/Area Scan (161x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.220 W/kg

Configuration/Body Wlan 5G Back_CH48/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
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



0 dB = 0.210 W/kg = -6.78 dBW/kg


1g/10g Averaged SAR
SAR;Zoom Scan:Value Along Z, X=3, Y=3
Markers
W/kg
0.22
0.20
0.18
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
0.005
0.010
0.015
0.020
0.025
m

Date/Time: 3/5/2015 3:42:52 PM

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 MHz; σ = 4.783 S/m; ε_r = 34.33; ρ = 1000 kg/m^3

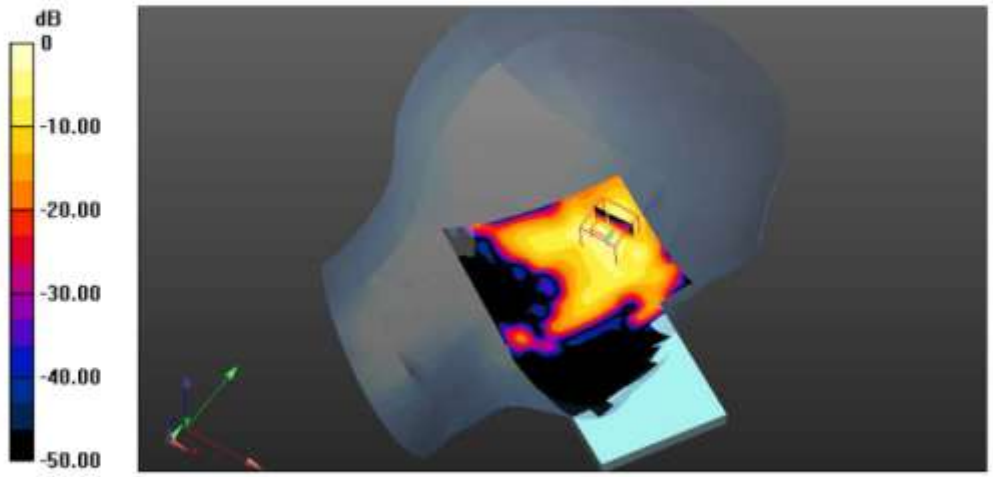
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

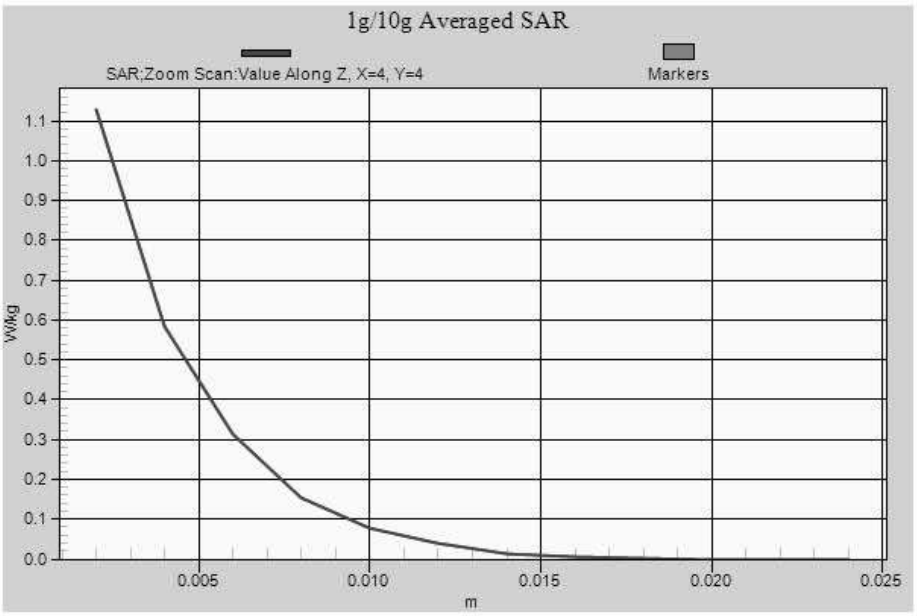
- Probe: EX3DV4 - SN7306; ConvF(4.85, 4.85, 4.85); Calibrated: 7/16/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn854; Calibrated: 12/15/2014
- Phantom: SAM near door; Type: QD000P40CD; Serial: TP:xxxx
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/802.11a_Left head cheek_CH56/Area Scan (101x161x1): Interpolated grid: dx=1.000 mm, dy=1.000 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=4mm, dy=4mm, dz=2mm
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



0 dB = 1.13 W/kg = 0.53 dBW/kg


1g/10g Averaged SAR
SAR;Zoom Scan:Value Along Z, X=4, Y=4
Markers
W/kg
1.1
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
0.005
0.010
0.015
0.020
0.025
m