

APPENDIX A. SAR System Verification Data

The plots for system verification with largest deviation for each SAR system combination are shown as follows.

Date/Time: 01/07/2017

Test Laboratory: CERPASS TECH

Dipole Calibration for Body Tissue Pin=250mW, dist=10mm, f=850 MHz

DUT: Dipole 850 MHz D850V2; Type: D850V2; Serial: D850V2

Communication System: CW; Frequency: 850 MHz

Medium parameters used: f = 850 MHz; $\sigma = 0.98$ S/m; $\epsilon_r = 55.14$; $\rho = 1000$ kg/m³

Phantom section: Flat Section;

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

DASY Configuration:

- Probe: EX3DV4 - SN3927; ConvF(10.44, 10.44, 10.44); Calibrated: 2017/5/25;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1379; Calibrated: 2018/5/23
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASYS5 52.8.8(1222); SEMCAD X 14.6.10(7331)

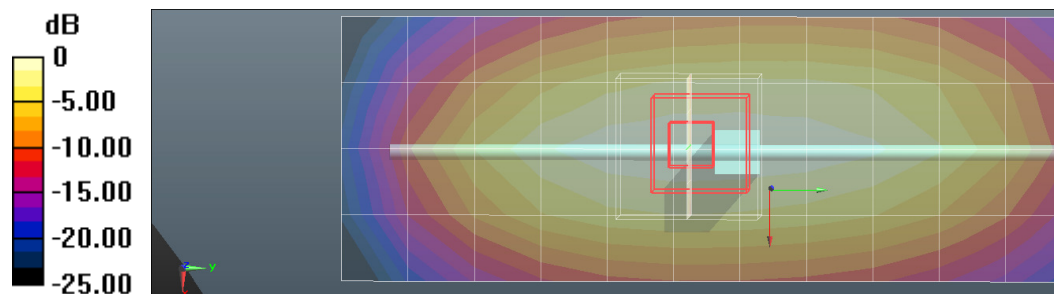
Configuration/SystemPerformanceCheck-D850 Body/Area Scan (5x13x1):

Measurement grid: dx=15mm, dy=15mm, Maximum value of SAR (measured) = 3.16 W/kg

Configuration/SystemPerformanceCheck-D850 Body/Zoom Scan (5x5x5)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm, Reference Value = 40.83 V/m; Power Drift = 0.06 dB, Peak SAR (extrapolated) = 3.72 W/kg

SAR(1 g) = 2.48 W/kg; SAR(10 g) = 1.59 W/kg Maximum value of SAR (measured) = 3.17 W/kg



0 dB = 3.17 W/kg = 5.01 dBW/kg

Date/Time: 03/07/2017

Test Laboratory: CERPASS TECH

Dipole Calibration for Body Tissue Pin=250mW, dist=10mm, f=1900 MHz

DUT: Dipole 1900 MHz D1900V2; Type: D1900V2; Serial: D1900V2

Communication System: CW; Frequency: 1900 MHz

Medium parameters used: f = 1900 MHz; $\sigma = 1.51$ S/m; $\epsilon_r = 53.26$; $\rho = 1000$ kg/m³

Phantom section: Flat Section;

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

DASY Configuration:

- Probe: EX3DV4 - SN3927; ConvF(8.46, 8.46, 8.46); Calibrated: 2017/5/25;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1379; Calibrated: 2018/5/23
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASYS5 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/SystemPerformanceCheck-D1900 Body/Area Scan (5x7x1):

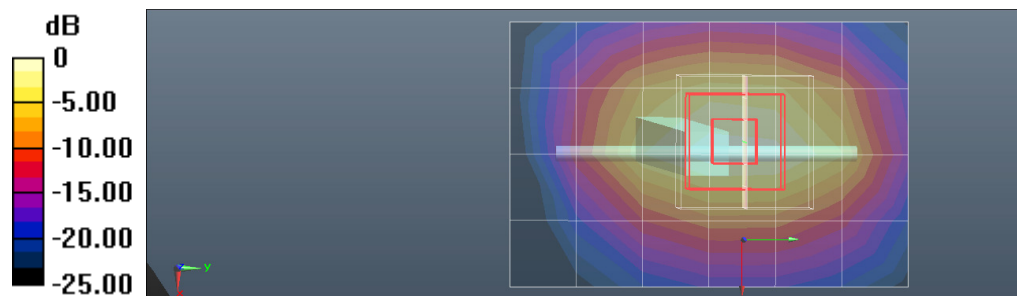
Measurement grid: dx=15mm, dy=15mm, Maximum value of SAR (measured) = 10.2 W/kg

Configuration/SystemPerformanceCheck-D1900 Body/Zoom Scan (7x7x7)/Cube

0: Measurement grid: dx=5mm, dy=5mm, dz=5mm, Reference Value = 83.83 V/m;

Power Drift = 0.05 dB, Peak SAR (extrapolated) = 18.0W/kg

SAR(1 g) = 10.2 W/kg; SAR(10 g) = 5.38 W/kg Maximum value of SAR (measured) = 11.5 W/kg



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

Date/Time: 04/05/2017

Test Laboratory: CERPASS TECH

Dipole Calibration for Body Tissue Pin=250mW, dist=10mm, f=2450 MHz

DUT: Dipole 2450 MHz D2450V2; Type: D2450V2; Serial: D2450V2

Communication System: CW; Frequency: 2450 MHz

Medium parameters used: $f = 2450$ MHz; $\sigma = 1.94$ S/m; $\epsilon_r = 52.46$; $\rho = 1000$ kg/m³

Phantom section: Flat Section;

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

DASY Configuration:

- Probe: EX3DV4 - SN3927; ConvF(8.09, 8.09, 8.09); Calibrated: 2016/5/25;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1379; Calibrated: 2016/5/23
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

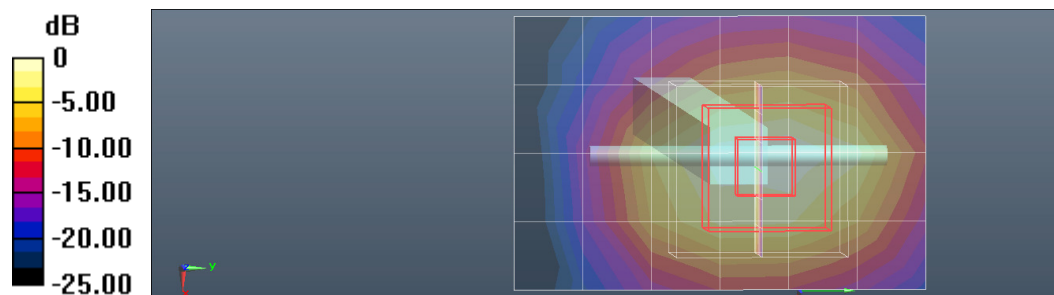
Configuration/SystemPerformanceCheck-D2450 Body/Area Scan (5x7x1):

Measurement grid: $dx=12$ mm, $dy=12$ mm, Maximum value of SAR (measured) = 14.8 W/kg

Configuration/SystemPerformanceCheck-D2450 Body/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm, Reference Value = 79.46 V/m; Power Drift = 0.01 dB, Peak SAR (extrapolated) = 24.7 W/kg

SAR(1 g) = 12.4 W/kg; SAR(10 g) = 5.75 W/kg Maximum value of SAR (measured) = 14.2 W/kg



0 dB = 14.2 W/kg = 11.52 dBW/kg

APPENDIX B. SAR measurement Data

The SAR plots for highest measured SAR in each exposure configuration, wireless mode and frequency band combination, and measured SAR > 1.5 W/kg are shown as follows.

Plot1

Date/Time: 01/07/2017

Test Laboratory: CERPASS TECH

WCDMA Band V 826.4MHz Front

DUT: iflytek translating machine; Type: Easy trans600

Communication System: WCDMA; Frequency: 826.4 MHz

Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.96$ S/m; $\epsilon_r = 55.22$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

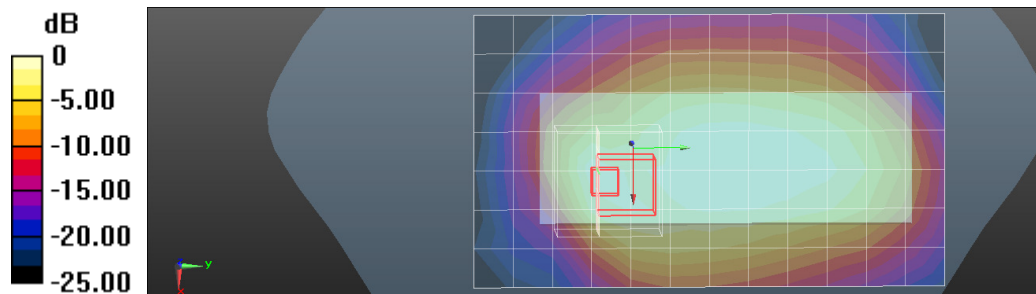
- Probe: EX3DV4 - SN3927; ConvF(10.44, 10.44, 10.44); Calibrated: 2017/5/25;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1379; Calibrated: 2018/5/23
- Phantom: ELI v5.0 (20deg probe tilt); Type: QDOVA002AA;
- DASYS 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/ WCDMA Band V 826.4MHz Front /Area Scan (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm, Maximum value of SAR (measured) = 0.727 W/kg

Configuration/ WCDMA Band V 826.4MHz Front /Zoom Scan (6x6x7)/Cube 0:

Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm, Reference Value = 21.12 V/m; Power Drift = 0.07 dB, Peak SAR (extrapolated) = 0.876 W/kg

SAR(1 g) = 0.561 W/kg; SAR(10 g) = 0.358 W/kg Maximum value of SAR (measured) = 0.723 W/kg



0 dB = 0.723 W/kg = -1.41 dBW/kg

Plot2

Date/Time: 02/07/2017

Test Laboratory: CERPASS TECH

CDMA2000 1x BC0 848.31MHz Front

DUT: iflytek translating machine; Type: Easy trans600

Communication System: CDMA2000; Frequency: 848.31 MHz

Medium parameters used: $f = 848.31$ MHz; $\sigma = 0.98$ S/m; $\epsilon_r = 55.18$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

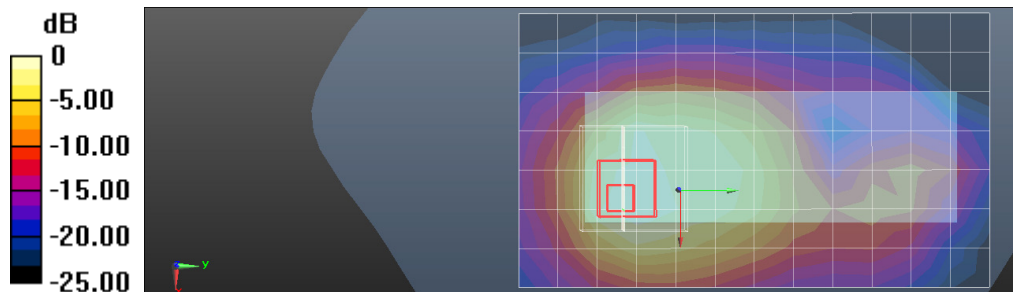
DASY Configuration:

- Probe: EX3DV4 - SN3927; ConvF(10.44, 10.44, 10.44); Calibrated: 2017/5/25;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1379; Calibrated: 2018/5/23
- Phantom: ELI v5.0 (20deg probe tilt); Type: QDOVA002AA;
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/ CDMA2000 BC0 848.31MHz Front/Area Scan (8x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm, Maximum value of SAR (measured) = 0.644 W/kg

Configuration/ CDMA2000 BC0 848.31MHz Front /Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm, Reference Value = 15.53 V/m; Power Drift = 0.03 dB, Peak SAR (extrapolated) = 0.857 W/kg

SAR(1 g) = 0.532 W/kg; SAR(10 g) = 0.320 W/kg Maximum value of SAR (measured) = 0.700 W/kg



0 dB = 0.700 W/kg = -1.55 dBW/kg

Test Laboratory: CERPASS TECH

WCDMA Band II 1907.6MHz Front-5mm

DUT: iflytek translating machine; Type: Easy trans600

Communication System: WCDMA; Frequency: 1907.6 MHz

Medium parameters used: $f = 1907.6$ MHz; $\sigma = 1.53$ S/m; $\epsilon_r = 53.21$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3927; ConvF(8.46, 8.46, 8.46); Calibrated: 2017/5/25;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1379; Calibrated: 2018/5/23
- Phantom: ELI v5.0 (20deg probe tilt); Type: QDOVA002AA;
- DASYS 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/ WCDMA Band II 1907.6MHz Front-5mm /Area Scan (7x11x1): Measurement grid:

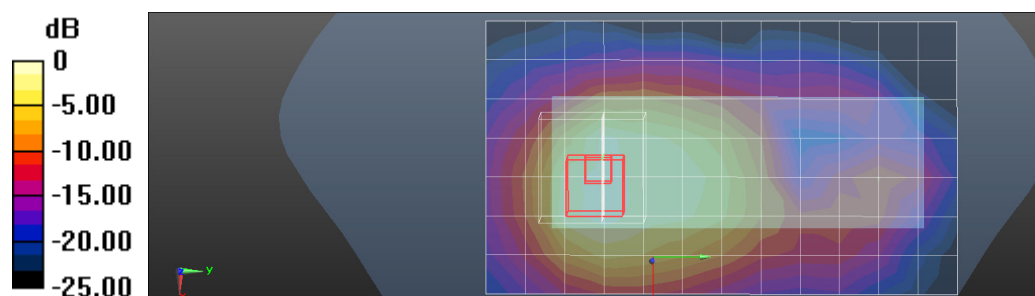
$dx=12$ mm, $dy=12$ mm, Maximum value of SAR (measured) = 0.748 W/kg

Configuration/ WCDMA Band II 1907.6MHz Front-5mm /Zoom Scan (6x6x7)/Cube 0:

Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=2$ mm, Reference Value = 16.69V/m; Power Drift = -0.05 dB,

Peak SAR (extrapolated) = 1.02 W/kg

SAR(1 g) = 0.619 W/kg; SAR(10 g) = 0.366 W/kg Maximum value of SAR (measured) = 0.830 W/kg



0 dB = 0.830 W/kg = -0.81 dBW/kg

Test Laboratory: CERPASS TECH

802.11b 2437MHz Front

DUT: iflytek translating machine; Type: Easy trans600

Communication System: 2.4GHz Wi-Fi; Frequency: 2437 MHz

Medium parameters used: $f = 2437$ MHz; $\sigma = 1.92$ S/m; $\epsilon_r = 52.51$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3927; ConvF(8.09, 8.09, 8.09); Calibrated: 2017/5/25;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1379; Calibrated: 2018/5/23
- Phantom: ELI v5.0 (20deg probe tilt); Type: QDOVA002AA;
- DASYS 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/802.11b 2437MHz Bottom of laptop-main/Area Scan (7x11x1):

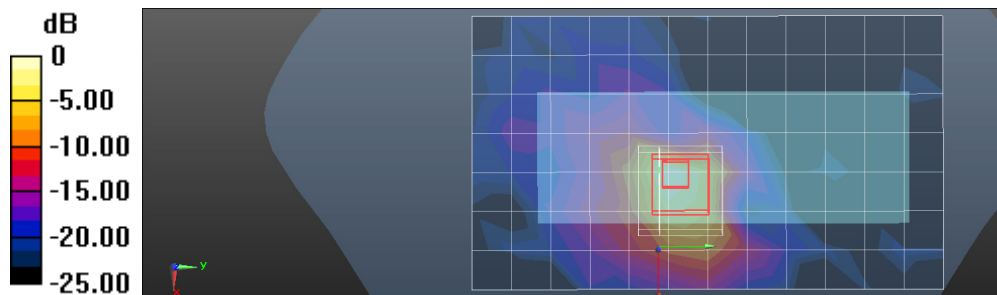
Measurement grid: $dx=12$ mm, $dy=12$ mm, Maximum value of SAR (measured) = 0.251W/kg

Configuration4/802.11b 2437MHz Bottom of laptop-main/Zoom Scan (8x8x6)/Cube

0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=2$ mm, Reference Value = 8.104 V/m;

Power Drift = 0.03 dB, Peak SAR (extrapolated) = 0.351 W/kg

SAR(1 g) = 0.159 W/kg; SAR(10 g) = 0.069 W/kg Maximum value of SAR (measured) = 0.228 W/kg



0 dB = 0.228 W/kg = -6.42 dBW/kg

APPENDIX C. Calibration Data for Probe, Dipole and DAE

Please refer to attached files.

APPENDIX D. Photographs of EUT and Setup

Please refer to attached files.