



Appendix A. System Check Plots

Table of contents
SystemPerformanceCheck-D900-ES-Head
SystemPerformanceCheck-D900-ES-Body
SystemPerformanceCheck-D1800-ES-Head
SystemPerformanceCheck-D1800-ES-Body
SystemPerformanceCheck-D1900-ES-Head
SystemPerformanceCheck-D1900-ES-Body

Test Laboratory: The name of your organization

SystemPerformanceCheck-D900-ES-Head

DUT: Dipole 900 MHz D900V2; Type: D900V2; Serial: D900V2 - SN:1d112

Communication System: CW; Frequency: 900 MHz

Medium parameters used: $f = 900$ MHz; $\sigma = 0.927$ mho/m; $\epsilon_r = 40$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3254; ConvF(6.01, 6.01, 6.01); Calibrated: 2011-3-11
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1235; Calibrated: 2010-10-22
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/d=15mm, Pin=250mW/Area Scan (6x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 2.61 mW/g

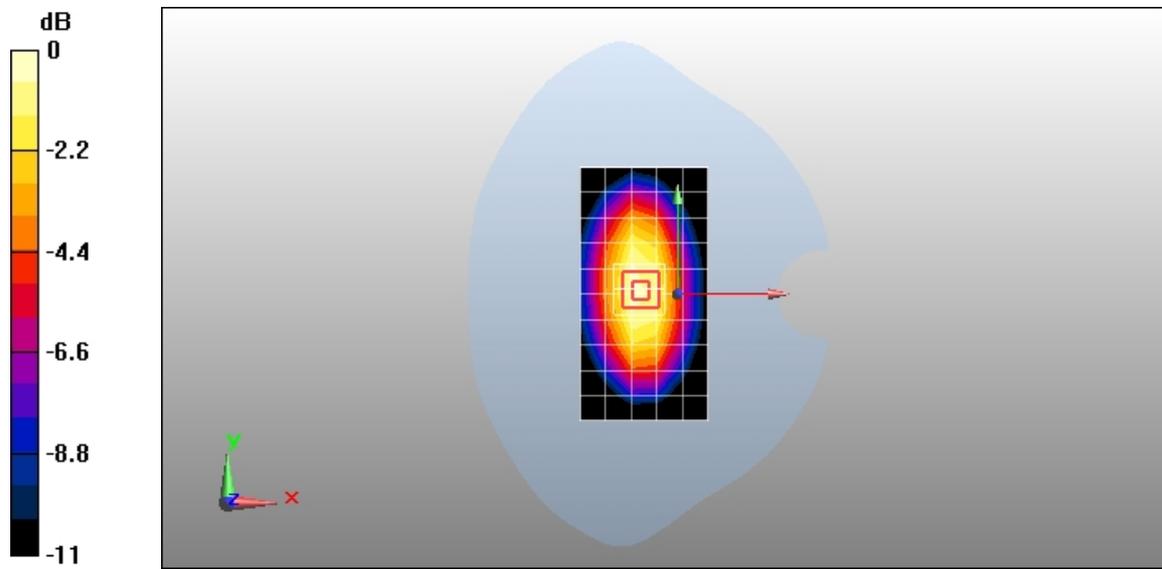
Configuration/d=15mm, Pin=250mW/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 54.3 V/m; Power Drift = 0.00892 dB

Peak SAR (extrapolated) = 3.92 W/kg

SAR(1 g) = 2.6 mW/g; SAR(10 g) = 1.67 mW/g

Maximum value of SAR (measured) = 2.81 mW/g



0 dB = 2.81mW/g

Test Laboratory: HUAWEI SAR Lab

SystemPerformanceCheck-D900-ES-Body

DUT: Dipole 900 MHz D900V2; Type: D900V2; Serial: D900V2 - SN:1d112

Communication System: CW; Frequency: 900 MHz

Medium parameters used: $f = 900$ MHz; $\sigma = 1.04$ mho/m; $\epsilon_r = 52.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3254; ConvF(6.03, 6.03, 6.03); Calibrated: 2011-3-11
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1235; Calibrated: 2010-10-22
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/d=15mm, Pin=250mW/Area Scan (6x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 2.75 mW/g

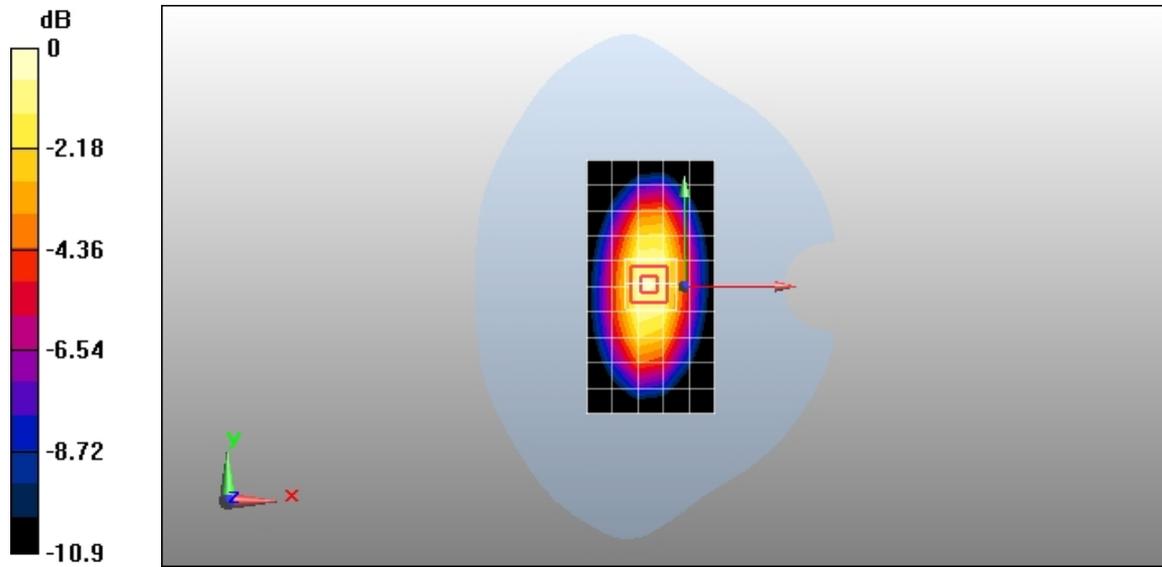
Configuration/d=15mm, Pin=250mW/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 54.8 V/m; Power Drift = -0.021 dB

Peak SAR (extrapolated) = 4.43 W/kg

SAR(1 g) = 2.9 mW/g; SAR(10 g) = 1.87 mW/g

Maximum value of SAR (measured) = 3.13 mW/g



0 dB = 3.14mW/g

Test Laboratory: Huawei SAR Lab

SystemPerformanceCheck-D1800-ES-Head

DUT: Dipole 1800 MHz D1800V2; Type: D1800V2; Serial: D1800V2 - SN:2d184

Communication System: CW; Frequency: 1800 MHz

Medium parameters used: $f = 1800$ MHz; $\sigma = 1.44$ mho/m; $\epsilon_r = 39.2$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3254; ConvF(5.1, 5.1, 5.1); Calibrated: 2011-3-11
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1235; Calibrated: 2010-10-22
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/d=10mm, Pin=250mW/Area Scan (5x8x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 9.77 mW/g

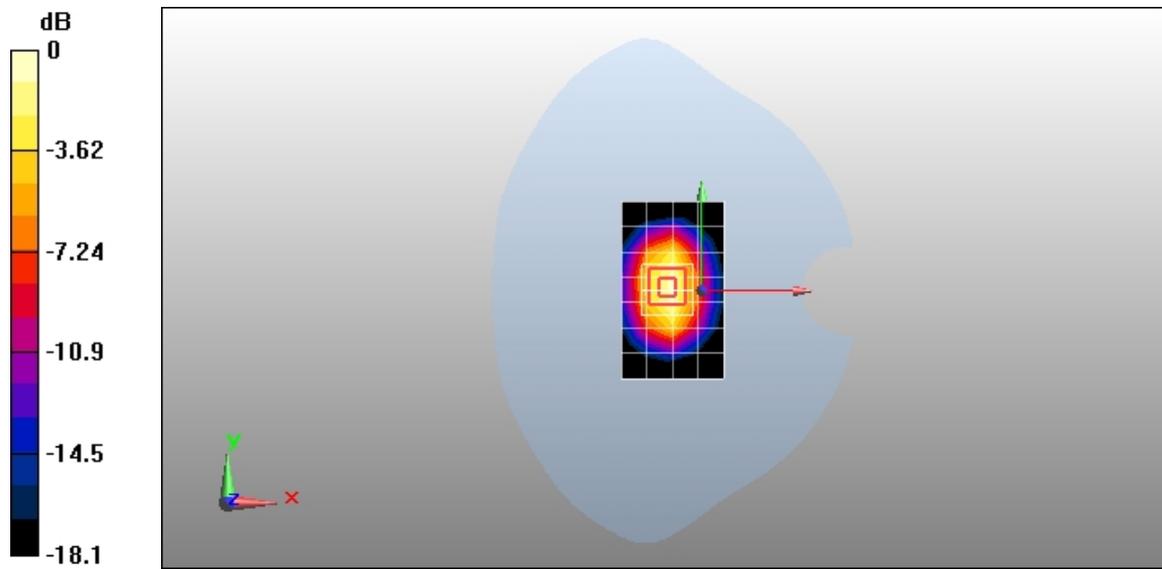
Configuration/d=10mm, Pin=250mW/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 86 V/m; Power Drift = -0.031 dB

Peak SAR (extrapolated) = 18.7 W/kg

SAR(1 g) = 9.73 mW/g; SAR(10 g) = 4.97 mW/g

Maximum value of SAR (measured) = 10.9 mW/g



0 dB = 10.9mW/g

Test Laboratory: Huawei SAR Lab

SystemPerformanceCheck-D1800-ES-Body

DUT: Dipole 1800 MHz D1800V2; Type: D1800V2; Serial: D1800V2 - SN:2d184

Communication System: CW; Frequency: 1800 MHz

Medium parameters used: $f = 1800$ MHz; $\sigma = 1.57$ mho/m; $\epsilon_r = 52.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3254; ConvF(4.91, 4.91, 4.91); Calibrated: 2011-3-11
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1235; Calibrated: 2010-10-22
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/d=10mm, Pin=250mW/Area Scan (5x8x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 9.89 mW/g

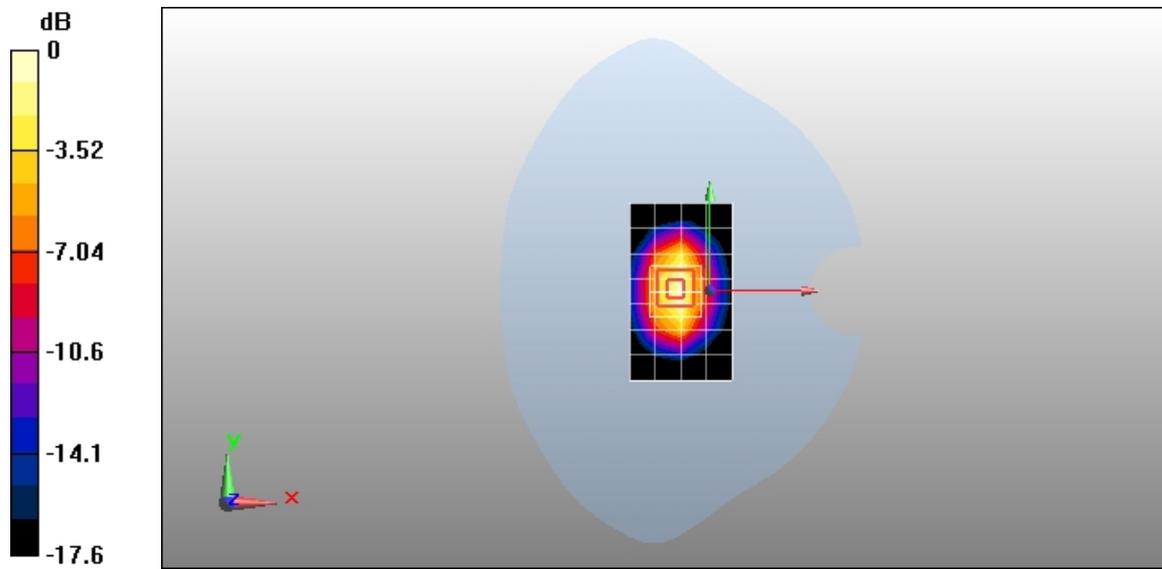
Configuration/d=10mm, Pin=250mW/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 83 V/m; Power Drift = -0.021 dB

Peak SAR (extrapolated) = 18.1 W/kg

SAR(1 g) = 9.69 mW/g; SAR(10 g) = 4.98 mW/g

Maximum value of SAR (measured) = 10.9 mW/g



0 dB = 10.9mW/g

Test Laboratory: Huawei SAR Lab

SystemPerformanceCheck-D1900-ES-Head

DUT: Dipole 1900 MHz D1900V2; Type: D1900V2; Serial: D1900V2 - SN:5d018

Communication System: CW; Frequency: 1900 MHz

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.43$ mho/m; $\epsilon_r = 40.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3254; ConvF(4.96, 4.96, 4.96); Calibrated: 2011-3-11
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1235; Calibrated: 2010-10-22
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/d=10mm, Pin=250mW/Area Scan (5x8x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 10.8 mW/g

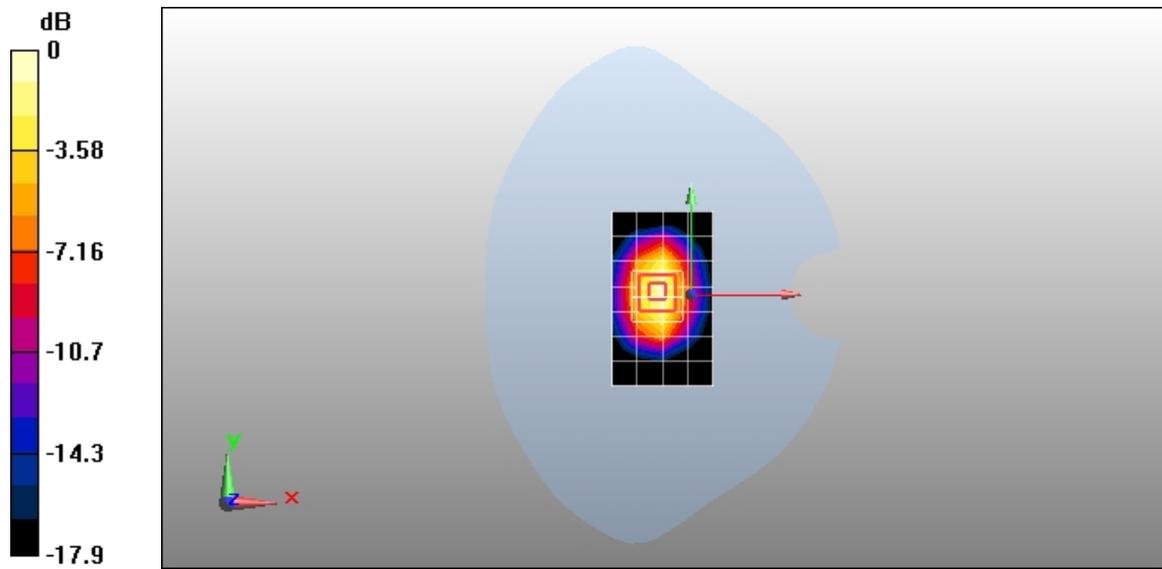
Configuration/d=10mm, Pin=250mW/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 88.6 V/m; Power Drift = 0.00357 dB

Peak SAR (extrapolated) = 19.6 W/kg

SAR(1 g) = 10.3 mW/g; SAR(10 g) = 5.32 mW/g

Maximum value of SAR (measured) = 11.5 mW/g



0 dB = 11.5mW/g

Test Laboratory: The name of your organization

SystemPerformanceCheck-D1900-ES-Body

DUT: Dipole 1900 MHz D1900V2; Type: D1900V2; Serial: D1900V2 - SN:5d018

Communication System: CW; Frequency: 1900 MHz

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.59$ mho/m; $\epsilon_r = 51$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3254; ConvF(4.73, 4.73, 4.73); Calibrated: 2011-3-11
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1235; Calibrated: 2010-10-22
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/d=10mm, Pin=250mW/Area Scan (5x8x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 9.46 mW/g

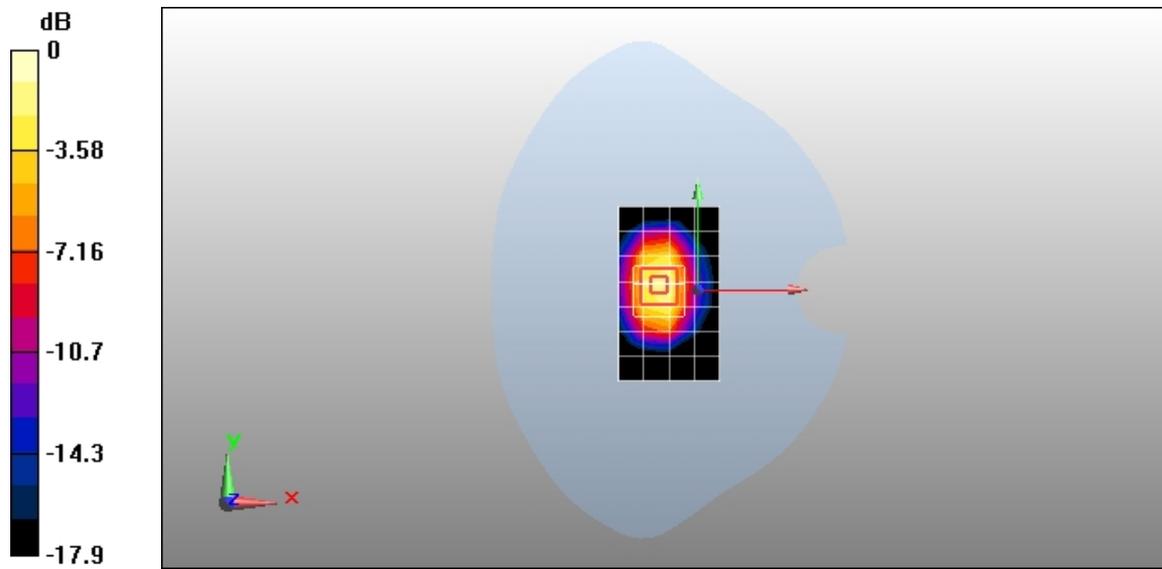
Configuration/d=10mm, Pin=250mW/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 78.9 V/m; Power Drift = 0.052 dB

Peak SAR (extrapolated) = 19.5 W/kg

SAR(1 g) = 10.7 mW/g; SAR(10 g) = 5.53 mW/g

Maximum value of SAR (measured) = 12.1 mW/g



0 dB = 12.1mW/g