

**Appendix A. System Check Plots**

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Test Laboratory: HUAWEI SAR/HAC Lab

## System Performance Check-D750-ES-Head

**DUT: Dipole 750 MHz D750V3; Type: D750V3; Serial: D750V3 - SN:1044**

Communication System: UID 0, CW (0); Frequency: 750 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 750$  MHz;  $\sigma = 0.893$  S/m;  $\epsilon_r = 42.313$ ;  $\rho = 1000$  kg/m<sup>3</sup>

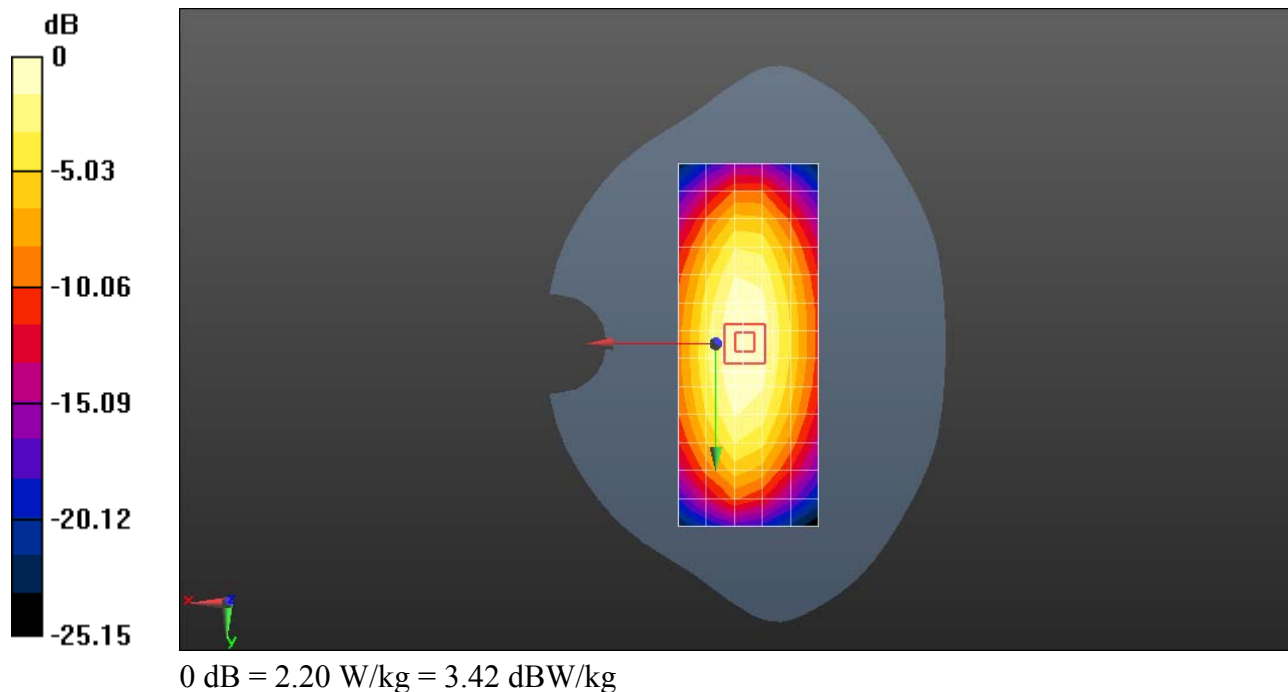
Phantom section: Flat Section

DASY Configuration:

- ζ Probe: ES3DV3 - SN3168; ConvF(6.52, 6.52, 6.52); Calibrated: 2015-9-28;
- ζ Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 2.0, 32.0$
- ζ Electronics: DAE4 Sn851; Calibrated: 2015-7-20
- ζ Phantom: SAM2; Type: SAM; Serial: TP:1474
- ζ DASY52 52.8.8(1222);

**Configuration/d=15mm, Pin=250mW/Area Scan (6x14x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm  
Maximum value of SAR (measured) = 2.20 W/kg

**Configuration/d=15mm, Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm  
Reference Value = 50.46 V/m; Power Drift = -0.04 dB  
Peak SAR (extrapolated) = 3.09 W/kg  
**SAR(1 g) = 2.07 W/kg; SAR(10 g) = 1.35 W/kg**  
Maximum value of SAR (measured) = 2.44 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

## SystemPerformanceCheck-D750-ES-Body

**DUT: Dipole 750 MHz D750V3; Type: D750V3; Serial: D750V3 - SN:1044**

Communication System: UID 0, CW (0); Frequency: 750 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 750$  MHz;  $\sigma = 0.961$  S/m;  $\epsilon_r = 53.862$ ;  $\rho = 1000$  kg/m<sup>3</sup>

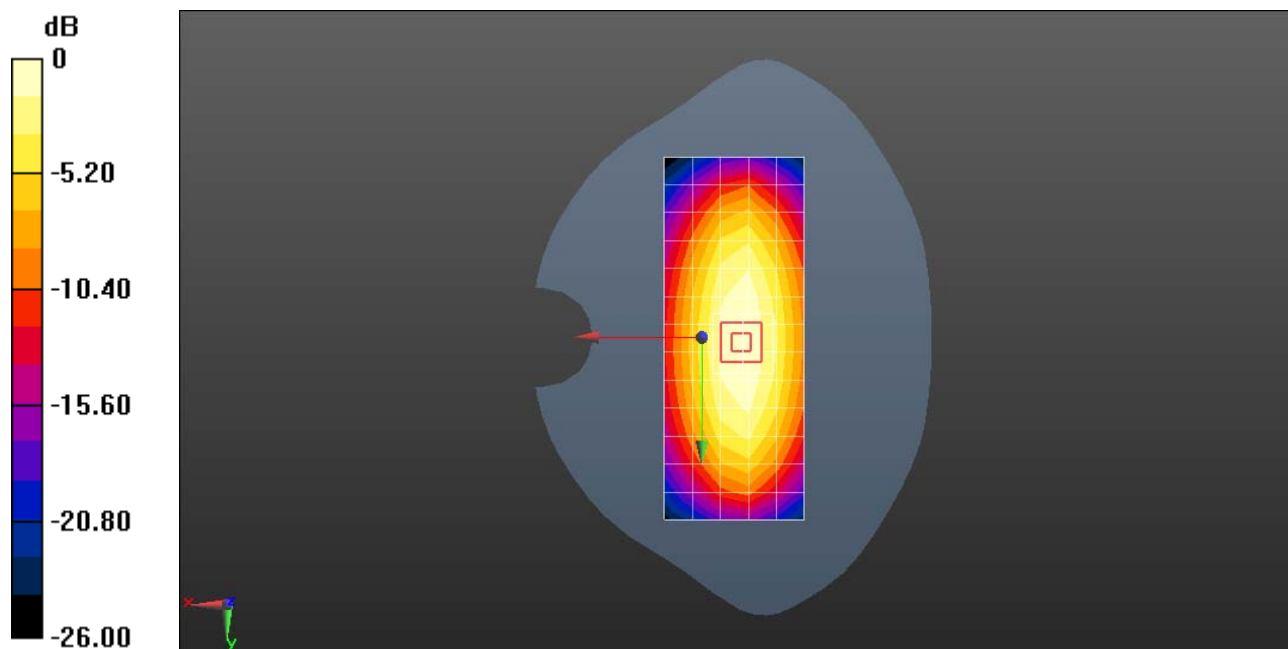
Phantom section: Flat Section

DASY Configuration:

- ζ Probe: ES3DV3 - SN3168; ConvF(6.39, 6.39, 6.39); Calibrated: 2015-9-28;
- ζ Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 2.0, 32.0$
- ζ Electronics: DAE4 Sn851; Calibrated: 2015-7-20
- ζ Phantom: SAM1; Type: SAM; Serial: TP-1475
- ζ DASY52 52.8.8(1222);

**Configuration/d=15mm, Pin=250mW/Area Scan (6x14x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm  
Maximum value of SAR (measured) = 2.38 W/kg

**Configuration/d=15mm, Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm  
Reference Value = 48.62 V/m; Power Drift = 0.08 dB  
Peak SAR (extrapolated) = 3.14 W/kg  
**SAR(1 g) = 2.16 W/kg; SAR(10 g) = 1.43 W/kg**  
Maximum value of SAR (measured) = 2.52 W/kg



0 dB = 2.38 W/kg = 3.77 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

## SystemPerformanceCheck-D835-ES-Head -20160202

**DUT: Dipole 835 MHz D835V2; Type: D835V2; Serial: D835V2 - SN:4d059**

Communication System: UID 0, CW; Frequency: 835 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 835$  MHz;  $\sigma = 0.898$  S/m;  $\epsilon_r = 41.777$ ;  $\rho = 1000$  kg/m<sup>3</sup>

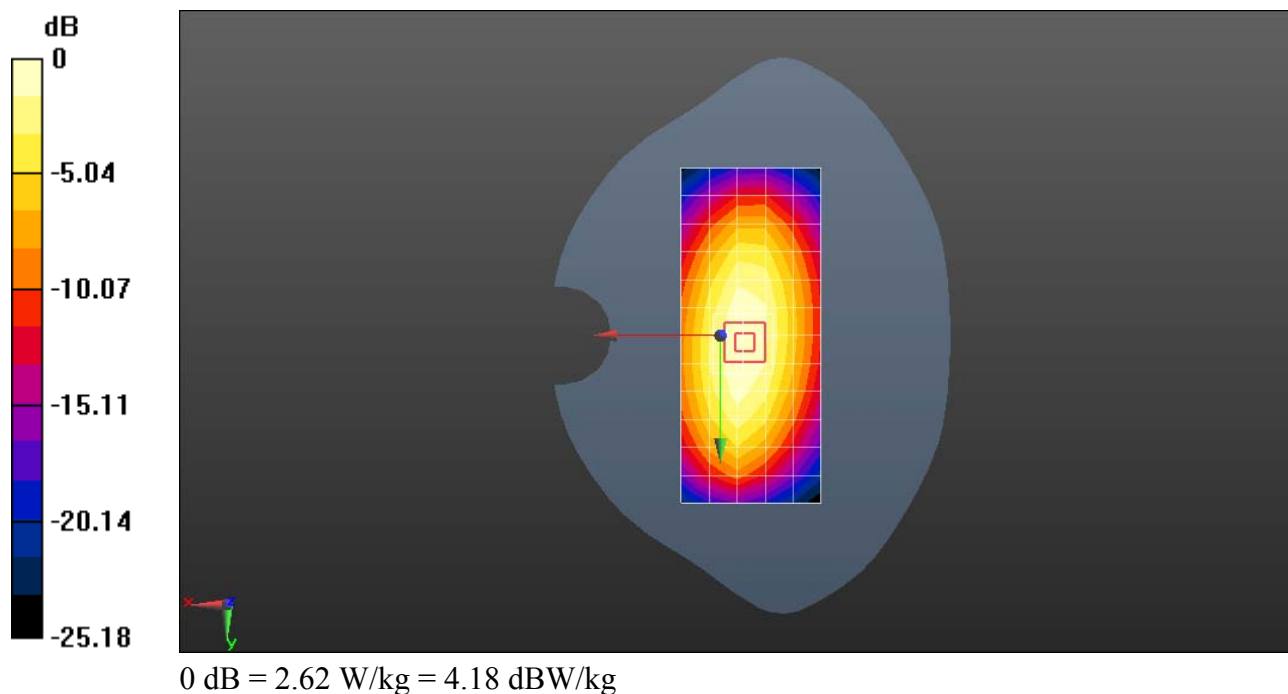
Phantom section: Flat Section

DASY Configuration:

- ζ Probe: ES3DV3 - SN3168; ConvF(6.32, 6.32, 6.32); Calibrated: 2015-9-28;
- ζ Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 2.0, 32.0$
- ζ Electronics: DAE4 Sn851; Calibrated: 2015-7-20
- ζ Phantom: SAM1; Type: SAM; Serial: TP-1475
- ζ DASY52 52.8.8(1222);

**Configuration/d=15mm, Pin=250mW/Area Scan (6x13x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm  
Maximum value of SAR (measured) = 2.62 W/kg

**Configuration/d=15mm, Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm  
Reference Value = 52.43 V/m; Power Drift = -0.09 dB  
Peak SAR (extrapolated) = 3.50 W/kg  
**SAR(1 g) = 2.35 W/kg; SAR(10 g) = 1.52 W/kg**  
Maximum value of SAR (measured) = 2.75 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

## SystemPerformanceCheck-D835-ES-Head -20160211

**DUT: Dipole 835 MHz D835V2; Type: D835V2; Serial: D835V2 - SN:4d059**

Communication System: UID 0, CW; Frequency: 835 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 835$  MHz;  $\sigma = 0.907$  S/m;  $\epsilon_r = 40.817$ ;  $\rho = 1000$  kg/m<sup>3</sup>

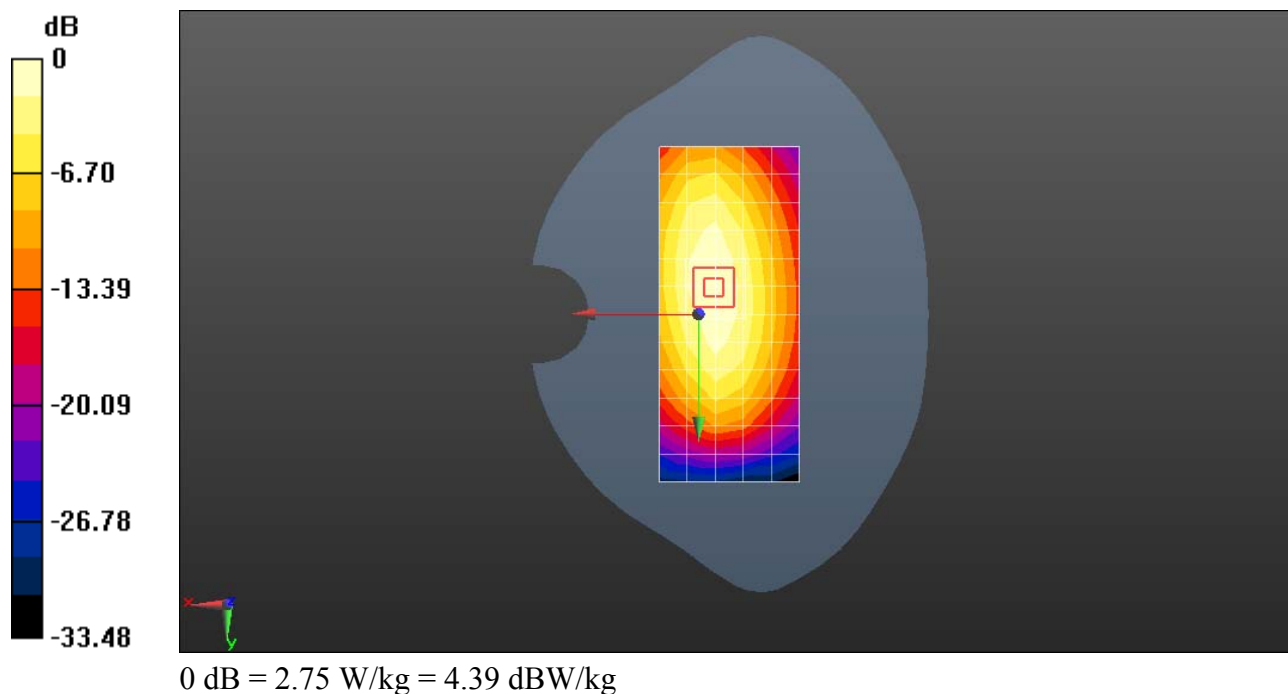
Phantom section: Flat Section

DASY Configuration:

- ζ Probe: ES3DV3 - SN3168; ConvF(6.32, 6.32, 6.32); Calibrated: 2015-9-28;
- ζ Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 2.0, 32.0$
- ζ Electronics: DAE4 Sn851; Calibrated: 2015-7-20
- ζ Phantom: SAM1; Type: SAM; Serial: TP-1475
- ζ DASY52 52.8.8(1222);

**Configuration/d=15mm, Pin=250mW/Area Scan (6x13x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm  
Maximum value of SAR (measured) = 2.75 W/kg

**Configuration/d=15mm, Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm  
Reference Value = 47.72 V/m; Power Drift = -0.13 dB  
Peak SAR (extrapolated) = 3.52 W/kg  
**SAR(1 g) = 2.34 W/kg; SAR(10 g) = 1.52 W/kg**  
Maximum value of SAR (measured) = 2.76 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

## SystemPerformanceCheck-D835-ES-Head -20160214

**DUT: Dipole 835 MHz D835V2; Type: D835V2; Serial: D835V2 - SN:4d059**

Communication System: UID 0, CW; Frequency: 835 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 835$  MHz;  $\sigma = 0.915$  S/m;  $\epsilon_r = 42.719$ ;  $\rho = 1000$  kg/m<sup>3</sup>

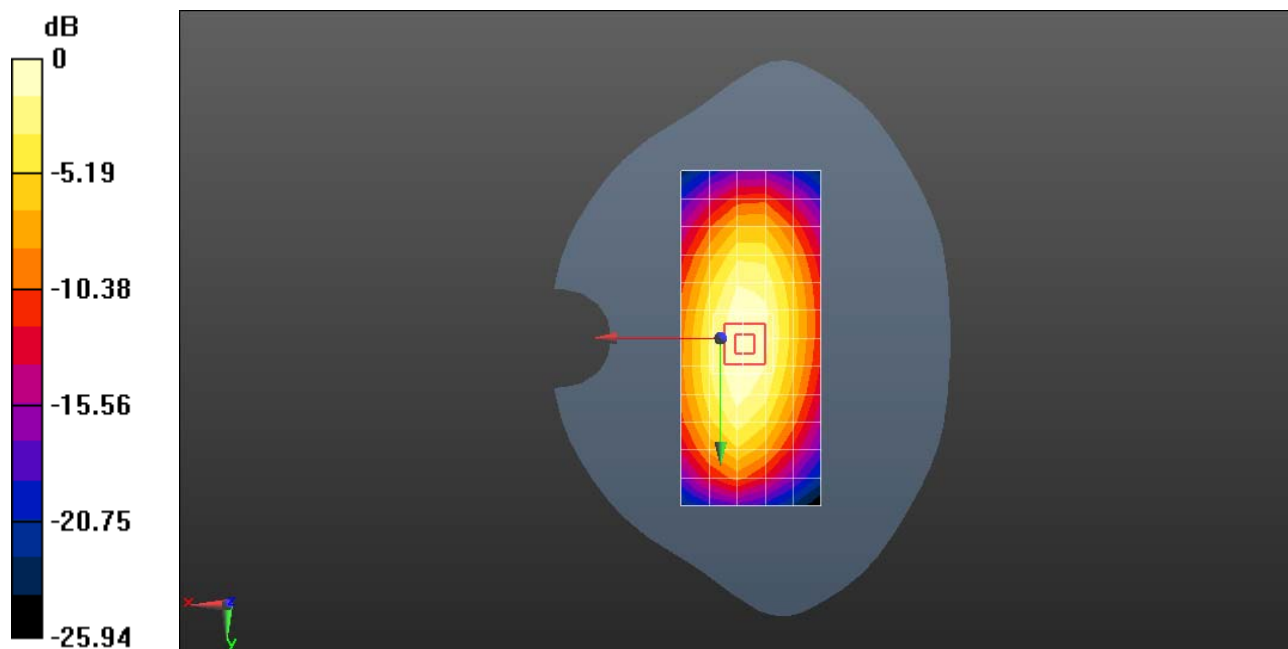
Phantom section: Flat Section

DASY Configuration:

- ζ Probe: ES3DV3 - SN3168; ConvF(6.32, 6.32, 6.32); Calibrated: 2015-9-28;
- ζ Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 2.0, 32.0$
- ζ Electronics: DAE4 Sn851; Calibrated: 2015-7-20
- ζ Phantom: SAM1; Type: SAM; Serial: TP-1475
- ζ DASY52 52.8.8(1222);

**Configuration/d=15mm, Pin=250mW/Area Scan (6x13x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm  
Maximum value of SAR (measured) = 2.63 W/kg

**Configuration/d=15mm, Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm  
Reference Value = 52.42 V/m; Power Drift = -0.07 dB  
Peak SAR (extrapolated) = 3.57 W/kg  
**SAR(1 g) = 2.37 W/kg; SAR(10 g) = 1.53 W/kg**  
Maximum value of SAR (measured) = 2.79 W/kg



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

Test Laboratory: HUAWEI SAR/HAC Lab

## SystemPerformanceCheck-D835-ES-Body

**DUT: Dipole 835 MHz D835V2; Type: D835V2; Serial: D835V2 - SN:4d059**

Communication System: UID 0, CW; Frequency: 835 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 835$  MHz;  $\sigma = 0.998$  S/m;  $\epsilon_r = 53.992$ ;  $\rho = 1000$  kg/m<sup>3</sup>

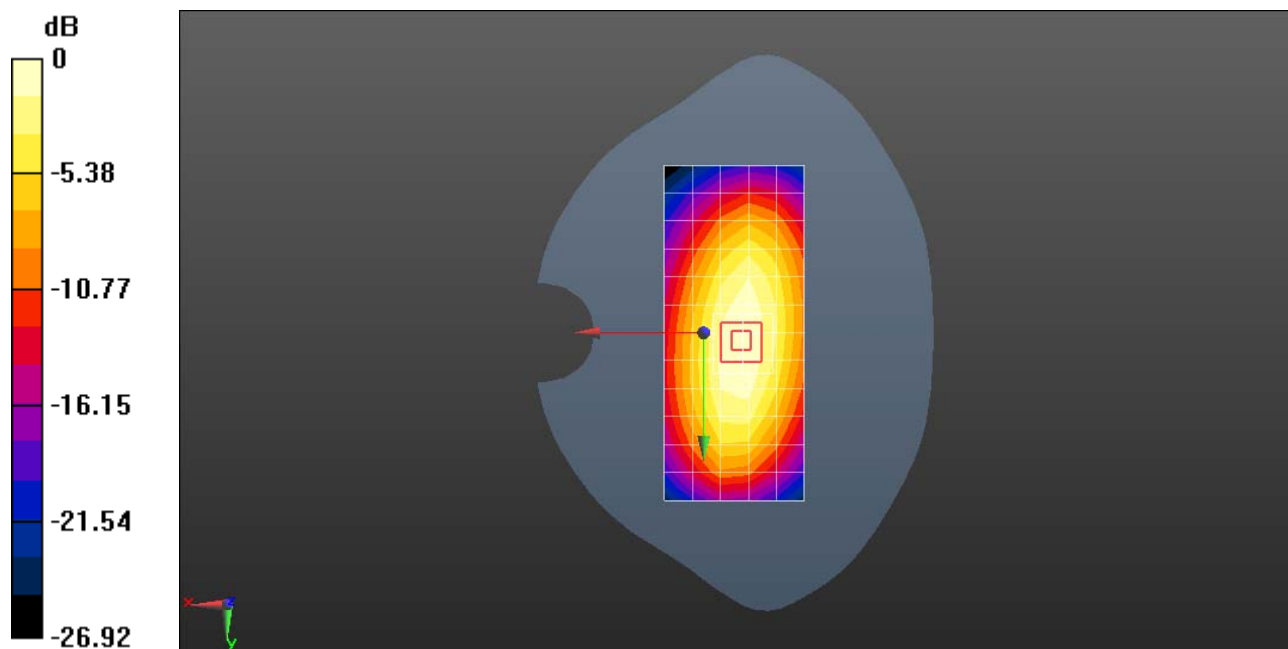
Phantom section: Flat Section

DASY Configuration:

- ζ Probe: ES3DV3 - SN3168; ConvF(6.24, 6.24, 6.24); Calibrated: 2015-9-28;
- ζ Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 2.0, 32.0$
- ζ Electronics: DAE4 Sn851; Calibrated: 2015-7-20
- ζ Phantom: SAM2; Type: SAM; Serial: TP:1474
- ζ DASY52 52.8.8(1222);

**Configuration/d=15mm, Pin=250mW/Area Scan (6x13x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm  
Maximum value of SAR (measured) = 2.77 W/kg

**Configuration/d=15mm, Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm  
Reference Value = 51.10 V/m; Power Drift = -0.05 dB  
Peak SAR (extrapolated) = 3.73 W/kg  
**SAR(1 g) = 2.54 W/kg; SAR(10 g) = 1.64 W/kg**  
Maximum value of SAR (measured) = 2.97 W/kg



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

Test Laboratory: HUAWEI SAR/HAC Lab

## SystemPerformanceCheck-D1750-EX-Head 20160213

**DUT: Dipole 1750 MHz D1750V2; Type: D1750V2; Serial: D1750V2 - SN:1123**

Communication System: UID 0, CW (0); Frequency: 1750 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1750$  MHz;  $\sigma = 1.409$  S/m;  $\epsilon_r = 40.997$ ;  $\rho = 1000$  kg/m<sup>3</sup>

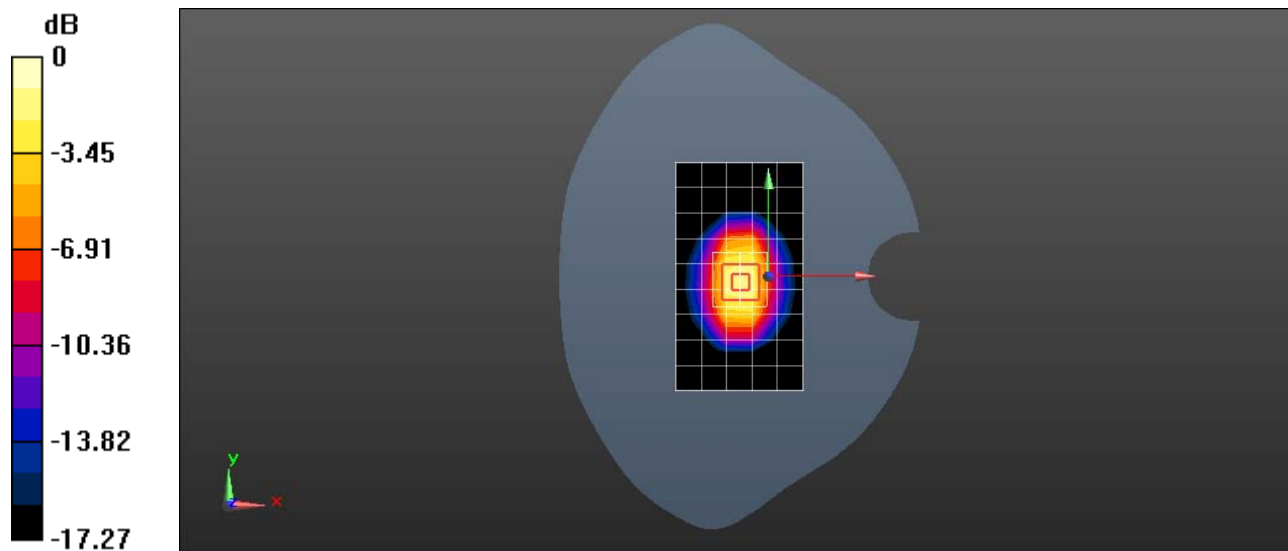
Phantom section: Flat Section

DASY Configuration:

- ⌄ Probe: EX3DV4 - SN3744; ConvF(7.84, 7.84, 7.84); Calibrated: 2015-7-24;
- ⌄ Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ⌄ Electronics: DAE4 Sn852; Calibrated: 2015-4-27
- ⌄ Phantom: SAM3; Type: SAM; Serial: TP-1597
- ⌄ DASY52 52.8.8(1222);

**Configuration/d=10mm pin=250mW/Area Scan (6x10x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm  
Maximum value of SAR (measured) = 8.19 W/kg

**Configuration/d=10mm pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm  
Reference Value = 84.61 V/m; Power Drift = -0.06 dB  
Peak SAR (extrapolated) = 16.3 W/kg  
**SAR(1 g) = 9.06 W/kg; SAR(10 g) = 4.8 W/kg**  
Maximum value of SAR (measured) = 11.4 W/kg



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



Test Laboratory: HUAWEI SAR/HAC Lab

## SystemPerformanceCheck-D1750-EX-Head-20160229

**DUT: Dipole 1750 MHz D1750V2; Type: D1750V2; Serial: D1750V2 - SN:1123**

Communication System: UID 0, CW (0); Frequency: 1750 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1750$  MHz;  $\sigma = 1.383$  S/m;  $\epsilon_r = 38.568$ ;  $\rho = 1000$  kg/m<sup>3</sup>

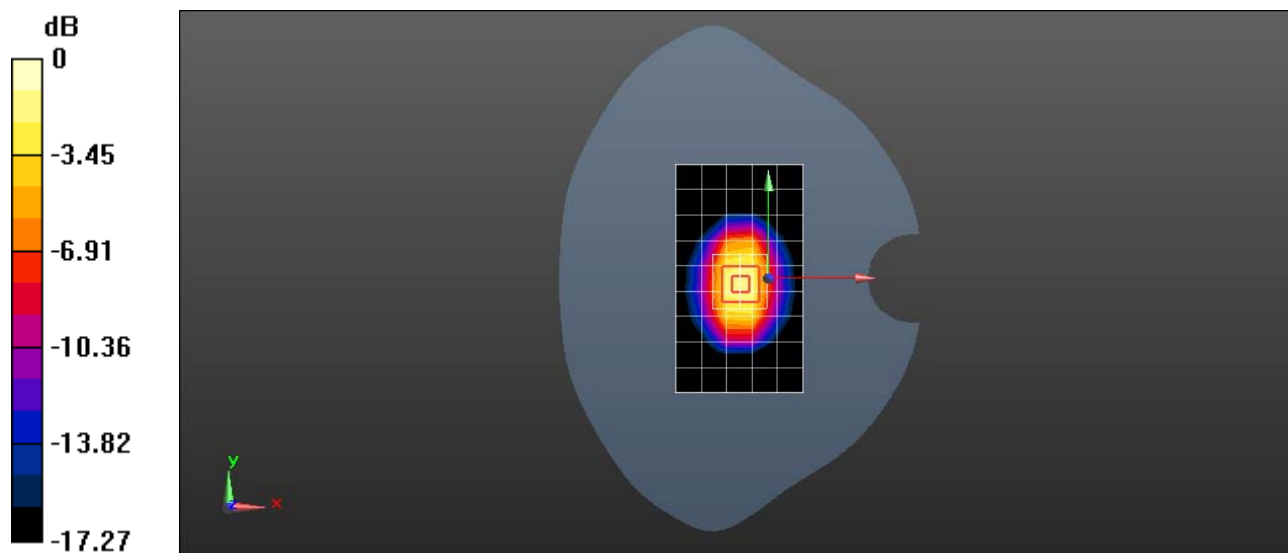
Phantom section: Flat Section

DASY Configuration:

- ζ Probe: EX3DV4 - SN3744; ConvF(7.84, 7.84, 7.84); Calibrated: 2015-7-24;
- ζ Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ζ Electronics: DAE4 Sn852; Calibrated: 2015-4-27
- ζ Phantom: SAM3; Type: SAM; Serial: TP-1597
- ζ DASY52 52.8.8(1222);

**Configuration/d=10mm pin=250mW/Area Scan (6x10x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm  
Maximum value of SAR (measured) = 8.04 W/kg

**Configuration/d=10mm pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm  
Reference Value = 84.61 V/m; Power Drift = -0.06 dB  
Peak SAR (extrapolated) = 16.0 W/kg  
**SAR(1 g) = 8.89 W/kg; SAR(10 g) = 4.71 W/kg**  
Maximum value of SAR (measured) = 11.2 W/kg



0 dB = 11.2 W/kg = 10.49 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

## SystemPerformanceCheck-D1750-EX-Body-20160219

**DUT: Dipole 1750 MHz D1750V2; Type: D1750V2; Serial: D1750V2 - SN:1123**

Communication System: UID 0, CW (0); Frequency: 1750 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1750$  MHz;  $\sigma = 1.462$  S/m;  $\epsilon_r = 51.805$ ;  $\rho = 1000$  kg/m<sup>3</sup>

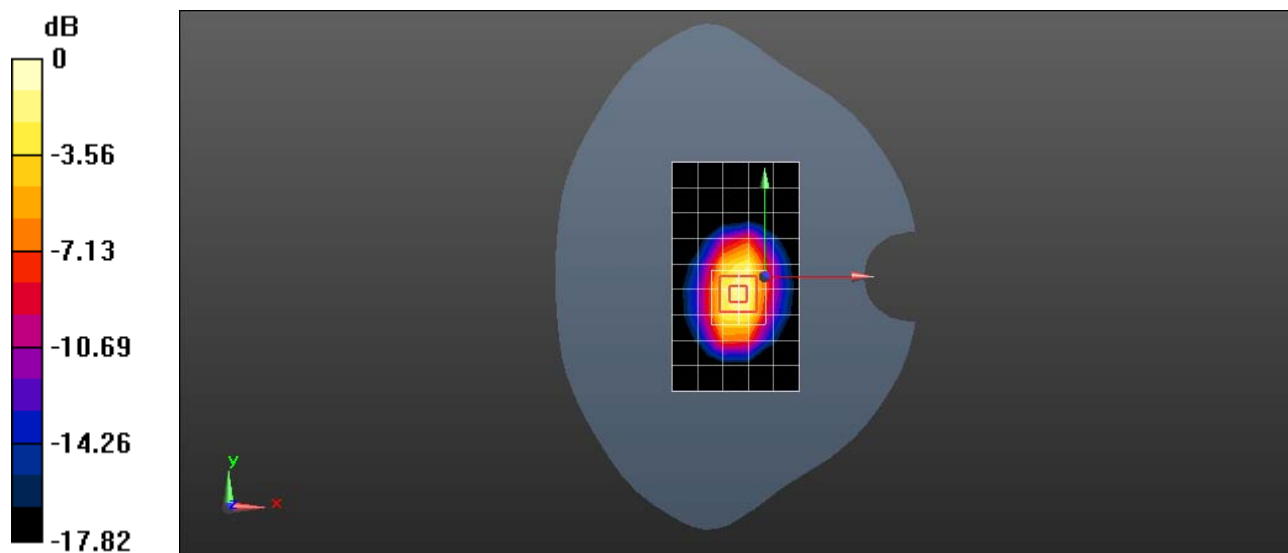
Phantom section: Flat Section

DASY Configuration:

- ⌄ Probe: EX3DV4 - SN3744; ConvF(7.45, 7.45, 7.45); Calibrated: 2015-7-24;
- ⌄ Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ⌄ Electronics: DAE4 Sn852; Calibrated: 2015-4-27
- ⌄ Phantom: SAM3; Type: SAM; Serial: TP-1597
- ⌄ DASY52 52.8.8(1222);

**Configuration/d=10mm pin=250mW/Area Scan (6x10x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm  
Maximum value of SAR (measured) = 9.40 W/kg

**Configuration/d=10mm pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm  
Reference Value = 78.48 V/m; Power Drift = -0.12 dB  
Peak SAR (extrapolated) = 17.2 W/kg  
**SAR(1 g) = 9.42 W/kg; SAR(10 g) = 4.93 W/kg**  
Maximum value of SAR (measured) = 11.9 W/kg



0 dB = 11.9 W/kg = 10.76 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

## SystemPerformanceCheck-D1750-ES-Body-20160303

**DUT: Dipole 1750 MHz D1750V2; Type: D1750V2; Serial: D1750V2 - SN:1123**

Communication System: UID 0, CW (0); Frequency: 1750 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1750$  MHz;  $\sigma = 1.445$  S/m;  $\epsilon_r = 52.478$ ;  $\rho = 1000$  kg/m<sup>3</sup>

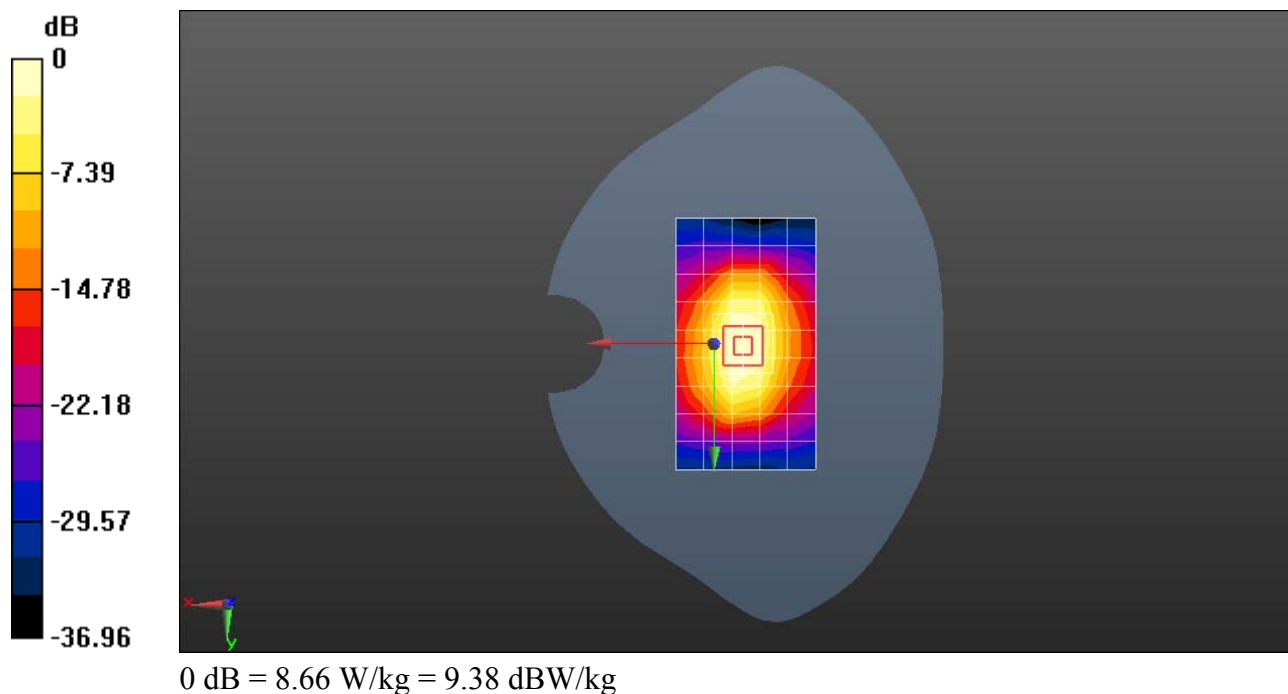
Phantom section: Flat Section

DASY Configuration:

- ζ Probe: ES3DV3 - SN3168; ConvF(4.95, 4.95, 4.95); Calibrated: 2015-9-28;
- ζ Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 2.0, 32.0$
- ζ Electronics: DAE4 Sn851; Calibrated: 2015-7-20
- ζ Phantom: SAM1; Type: SAM; Serial: TP-1475
- ζ DASY52 52.8.8(1222);

**Configuration/d=10mm pin=250mW/Area Scan (6x10x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm  
Maximum value of SAR (measured) = 8.66 W/kg

**Configuration/d=10mm pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm  
Reference Value = 86.19 V/m; Power Drift = -0.07 dB  
Peak SAR (extrapolated) = 15.8 W/kg  
**SAR(1 g) = 9.33 W/kg; SAR(10 g) = 5.08 W/kg**  
Maximum value of SAR (measured) = 11.7 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

## SystemPerformanceCheck-1900-EX-Head-20160128

**DUT: Dipole 1900 MHz D1900V2; Type: D1900V2; Serial: D1900V2 - SN:5d142**

Communication System: UID 0, CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.462$  S/m;  $\epsilon_r = 40.298$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- ⌘ Probe: EX3DV4 - SN3744; ConvF(7.54, 7.54, 7.54); Calibrated: 2015-7-24;
- ⌘ Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ⌘ Electronics: DAE4 Sn852; Calibrated: 2015-4-27
- ⌘ Phantom: SAM3; Type: SAM; Serial: TP-1597
- ⌘ DASY52 52.8.8(1222);

**Configuration/d=10mm, Pin=250mW/Area Scan (6x9x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 8.71 W/kg

**Configuration/d=10mm, Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,

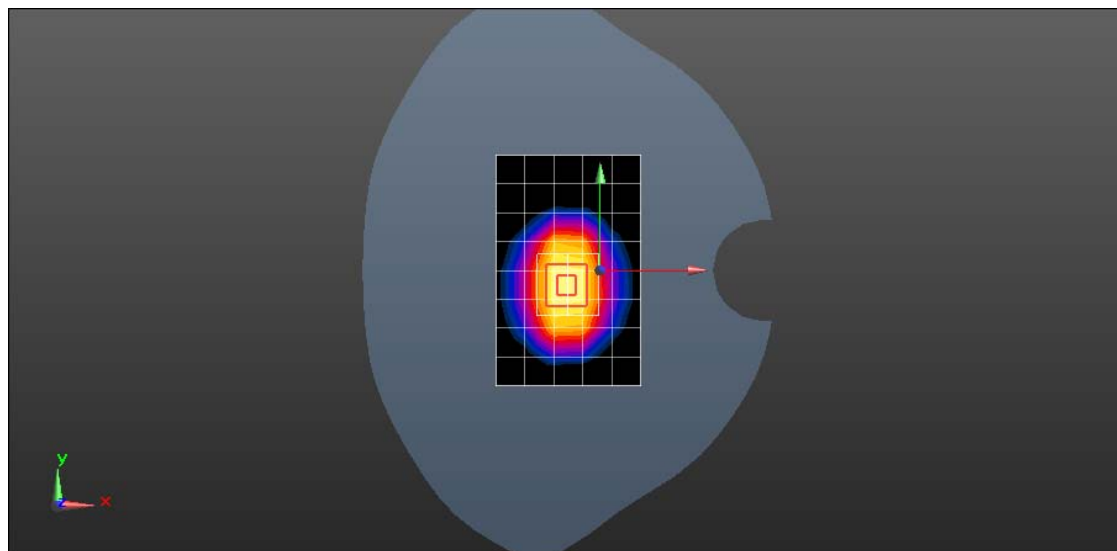
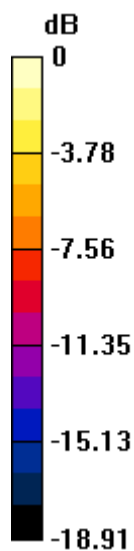
$dy=8$ mm,  $dz=5$ mm

Reference Value = 84.19 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 19.0 W/kg

**SAR(1 g) = 10.1 W/kg; SAR(10 g) = 5.1 W/kg**

Maximum value of SAR (measured) = 12.9 W/kg



0 dB = 12.9 W/kg = 11.10 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

## SystemPerformanceCheck-1900-EX-Body-20160206

**DUT: Dipole 1900 MHz D1900V2; Type: D1900V2; Serial: D1900V2 - SN:5d091**

Communication System: UID 0, CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.532$  S/m;  $\epsilon_r = 51.968$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- ζ Probe: EX3DV4 - SN3744; ConvF(7.24, 7.24, 7.24); Calibrated: 2015-7-24;
- ζ Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ζ Electronics: DAE4 Sn852; Calibrated: 2015-4-27
- ζ Phantom: SAM4; Type: SAM; Serial: TP-1620
- ζ DASY52 52.8.8(1222);

**Configuration/d=10mm, Pin=250mW/Area Scan (6x9x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 12.5 W/kg

**Configuration/d=10mm, Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm,

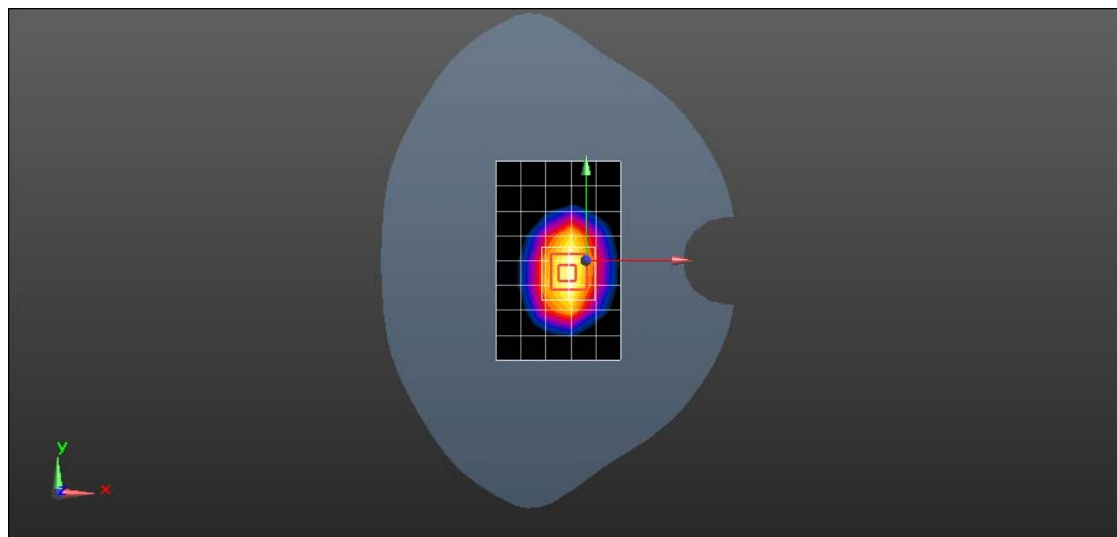
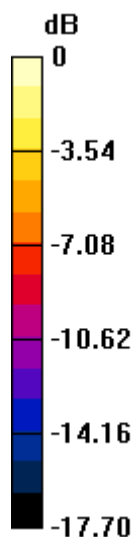
dy=8mm, dz=5mm

Reference Value = 75.24 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 19.5 W/kg

**SAR(1 g) = 10.8 W/kg; SAR(10 g) = 5.61 W/kg**

Maximum value of SAR (measured) = 13.7 W/kg



0 dB = 13.7 W/kg = 11.37 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

## SystemPerformanceCheck-1900-EX-Body-20160210

**DUT: Dipole 1900 MHz D1900V2; Type: D1900V2; Serial: D1900V2 - SN:5d091**

Communication System: UID 0, CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.529$  S/m;  $\epsilon_r = 52.861$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- ζ Probe: EX3DV4 - SN3744; ConvF(7.24, 7.24, 7.24); Calibrated: 2015-7-24;
- ζ Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ζ Electronics: DAE4 Sn852; Calibrated: 2015-4-27
- ζ Phantom: SAM4; Type: SAM; Serial: TP-1620
- ζ DASY52 52.8.8(1222);

**Configuration/d=10mm, Pin=250mW/Area Scan (6x9x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 13.0 W/kg

**Configuration/d=10mm, Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,

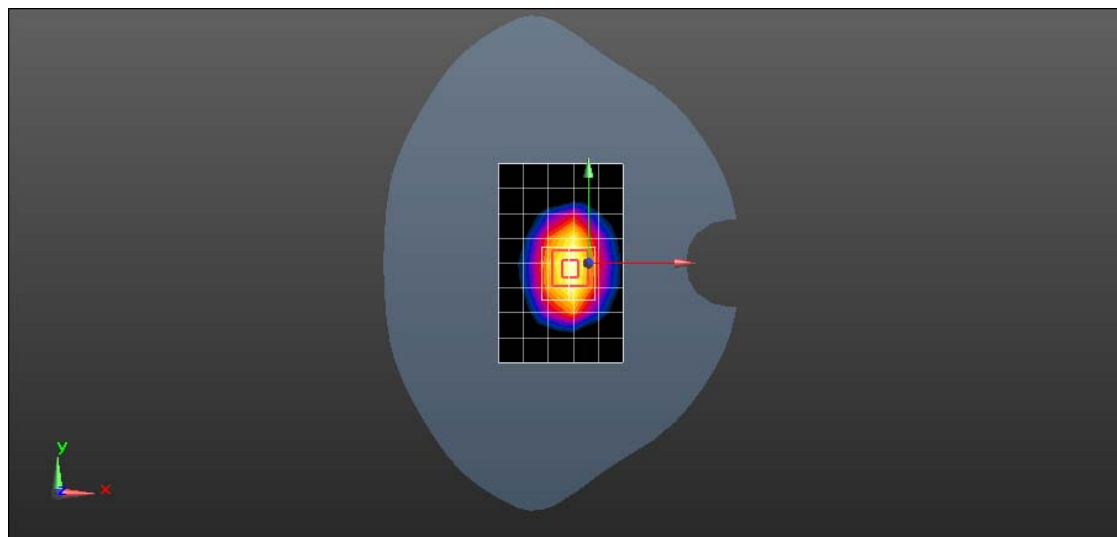
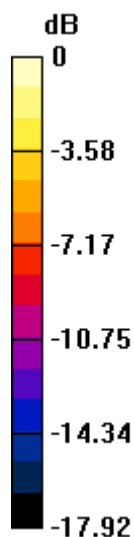
$dy=8$ mm,  $dz=5$ mm

Reference Value = 79.85 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 19.3 W/kg

**SAR(1 g) = 10.8 W/kg; SAR(10 g) = 5.66 W/kg**

Maximum value of SAR (measured) = 13.5 W/kg



0 dB = 13.5 W/kg = 11.29 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

## SystemPerformanceCheck-1900-EX-Body-20160219

**DUT: Dipole 1900 MHz D1900V2; Type: D1900V2; Serial: D1900V2 - SN:5d091**

Communication System: UID 0, CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.52$  S/m;  $\epsilon_r = 51.323$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- ζ Probe: EX3DV4 - SN3744; ConvF(7.24, 7.24, 7.24); Calibrated: 2015-7-24;
- ζ Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ζ Electronics: DAE4 Sn852; Calibrated: 2015-4-27
- ζ Phantom: SAM3; Type: SAM; Serial: TP-1597
- ζ DASY52 52.8.8(1222);

**Configuration/d=10mm, Pin=250mW/Area Scan (6x9x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 9.80 W/kg

**Configuration/d=10mm, Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,

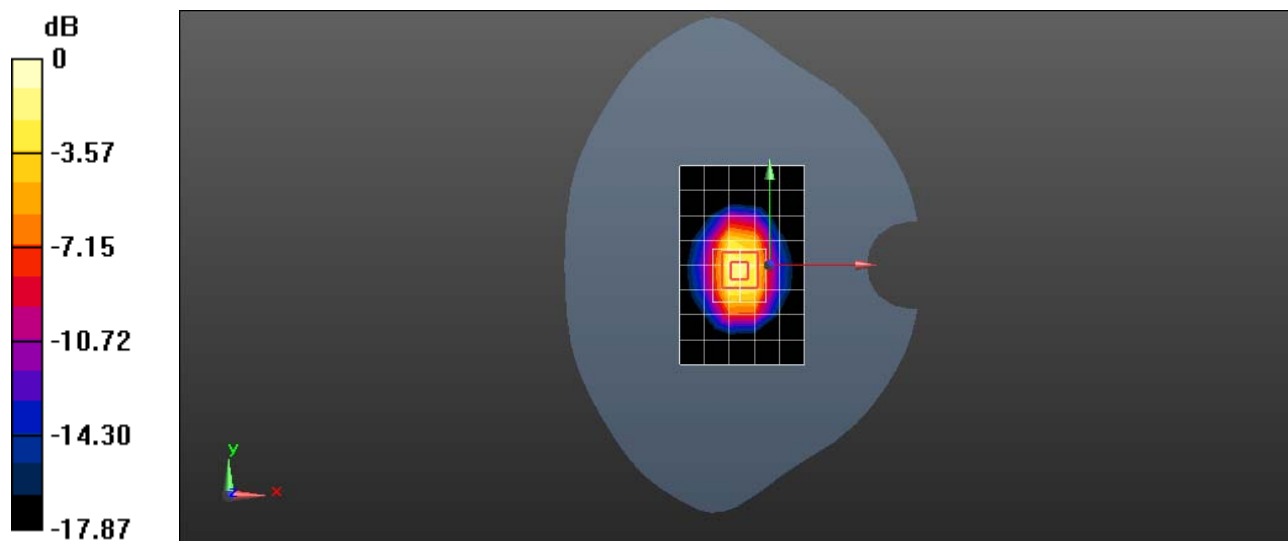
$dy=8$ mm,  $dz=5$ mm

Reference Value = 88.35 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 19.0 W/kg

**SAR(1 g) = 10.6 W/kg; SAR(10 g) = 5.55 W/kg**

Maximum value of SAR (measured) = 13.3 W/kg



0 dB = 13.3 W/kg = 11.23 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

## SystemPerformanceCheck-D2450-EX-Head-20160225

**DUT: Dipole 2450 MHz D2450V2; Type: D2450V2; Serial: D2450V2 - SN:860**

Communication System: UID 0, CW; Frequency: 2450 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2450$  MHz;  $\sigma = 1.858$  S/m;  $\epsilon_r = 38.861$ ;  $\rho = 1000$  kg/m<sup>3</sup>

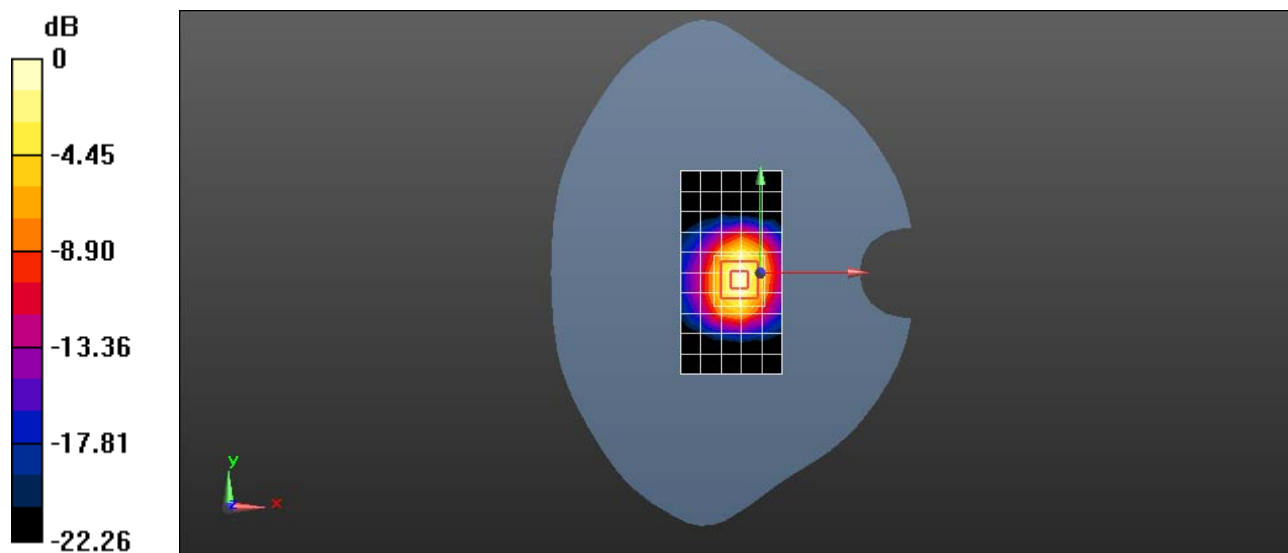
Phantom section: Flat Section

DASY Configuration:

- ζ Probe: EX3DV4 - SN3744; ConvF(6.84, 6.84, 6.84); Calibrated: 2015-7-24;
- ζ Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ζ Electronics: DAE4 Sn852; Calibrated: 2015-4-27
- ζ Phantom: SAM3; Type: SAM; Serial: TP-1597
- ζ DASY52 52.8.8(1222);

**Configuration/d=10mm, Pin=250mW/Area Scan (6x11x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm  
Maximum value of SAR (measured) = 16.8 W/kg

**Configuration/d=10mm, Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm  
Reference Value = 82.31 V/m; Power Drift = -0.11 dB  
Peak SAR (extrapolated) = 27.2 W/kg  
**SAR(1 g) = 13.1 W/kg; SAR(10 g) = 6.09 W/kg**  
Maximum value of SAR (measured) = 17.2 W/kg



0 dB = 17.2 W/kg = 12.37 dBW/kg



Test Laboratory: HUAWEI SAR/HAC Lab

## SystemPerformanceCheck-D2450-EX-Body-20160227

**DUT: Dipole 2450 MHz D2450V2; Type: D2450V2; Serial: D2450V2 - SN:860**

Communication System: UID 0, CW; Frequency: 2450 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2450$  MHz;  $\sigma = 2.009$  S/m;  $\epsilon_r = 50.618$ ;  $\rho = 1000$  kg/m<sup>3</sup>

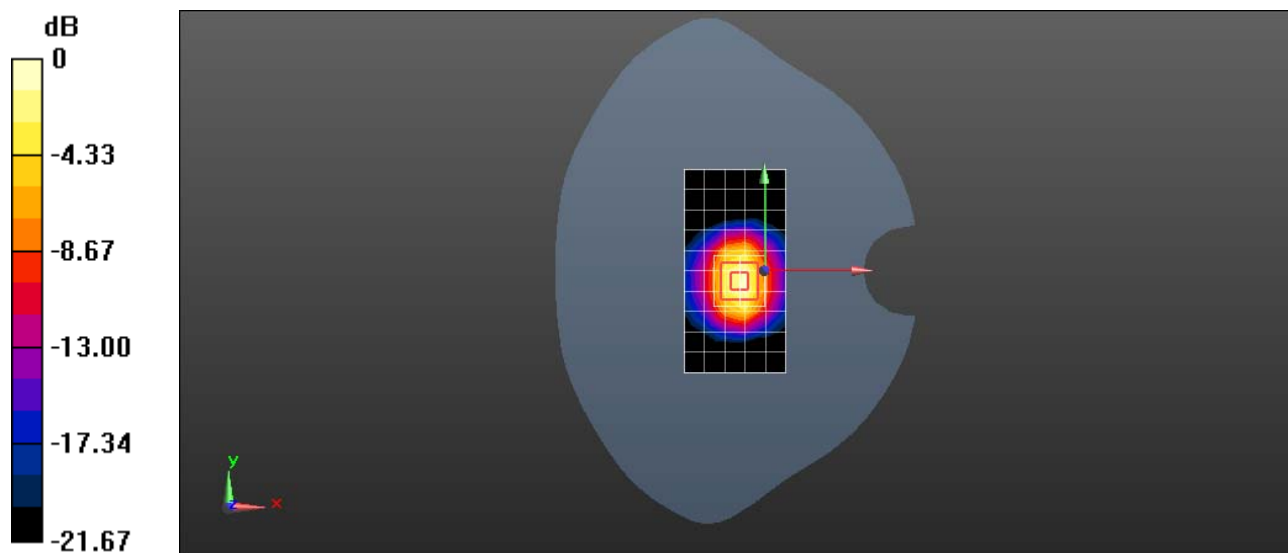
Phantom section: Flat Section

DASY Configuration:

- ζ Probe: EX3DV4 - SN3744; ConvF(6.77, 6.77, 6.77); Calibrated: 2015-7-24;
- ζ Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ζ Electronics: DAE4 Sn852; Calibrated: 2015-4-27
- ζ Phantom: SAM4; Type: SAM; Serial: TP-1620
- ζ DASY52 52.8.8(1222);

**Configuration/d=10mm, Pin=250mW/Area Scan (6x11x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm  
Maximum value of SAR (measured) = 14.8 W/kg

**Configuration/d=10mm, Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm  
Reference Value = 81.78 V/m; Power Drift = -0.10 dB  
Peak SAR (extrapolated) = 27.7 W/kg  
**SAR(1 g) = 13.4 W/kg; SAR(10 g) = 6.17 W/kg**  
Maximum value of SAR (measured) = 18.0 W/kg



0 dB = 18.0 W/kg = 12.55 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

## SystemPerformanceCheck-D2600-EX-Head 20160201

**DUT: Dipole 2600 MHz D2600V2; Type: D2600V2; Serial: D2600V2 - SN:1021**

Communication System: UID 0, CW; Frequency: 2600 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2600$  MHz;  $\sigma = 1.986$  S/m;  $\epsilon_r = 38.566$ ;  $\rho = 1000$  kg/m<sup>3</sup>

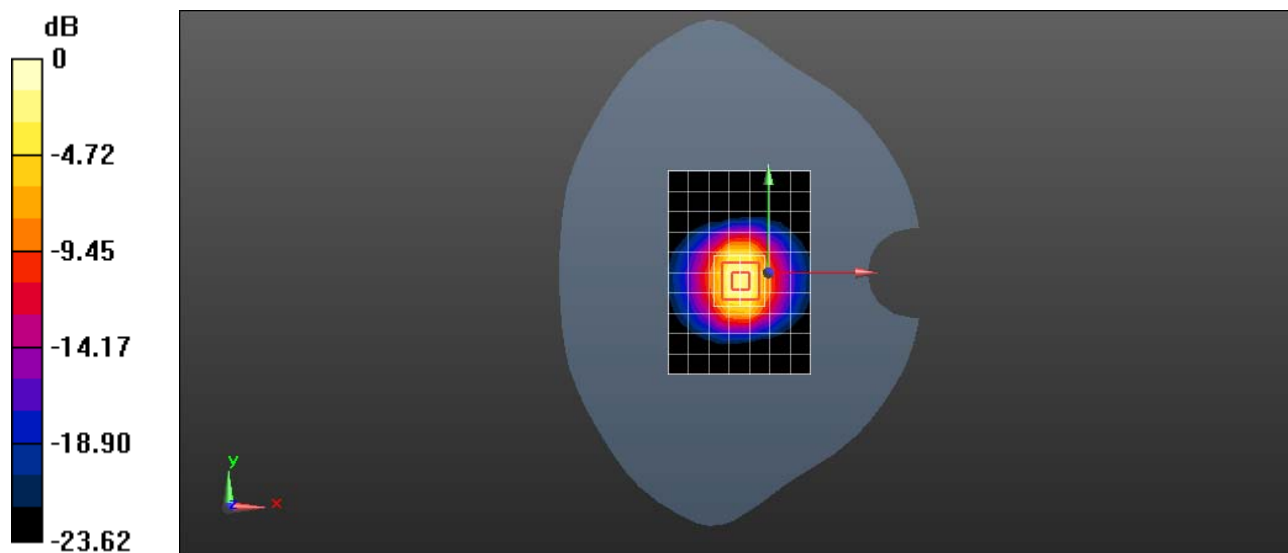
Phantom section: Flat Section

DASY Configuration:

- ζ Probe: EX3DV4 - SN3744; ConvF(6.68, 6.68, 6.68); Calibrated: 2015-7-24;
- ζ Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ζ Electronics: DAE4 Sn852; Calibrated: 2015-4-27
- ζ Phantom: SAM3; Type: SAM; Serial: TP-1597
- ζ DASY52 52.8.8(1222);

**Configuration/d=10mm, Pin=250mW/Area Scan (8x11x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm  
Maximum value of SAR (measured) = 15.1 W/kg

**Configuration/d=10mm, Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm  
Reference Value = 92.50 V/m; Power Drift = -0.01 dB  
Peak SAR (extrapolated) = 33.8 W/kg  
**SAR(1 g) = 15.6 W/kg; SAR(10 g) = 6.94 W/kg**  
Maximum value of SAR (measured) = 20.9 W/kg



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

Test Laboratory: HUAWEI SAR/HAC Lab

## SystemPerformanceCheck-D2600-EX-Head-20160221

**DUT: Dipole 2600 MHz D2600V2; Type: D2600V2; Serial: D2600V2 - SN:1021**

Communication System: UID 0, CW; Frequency: 2600 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2600$  MHz;  $\sigma = 2.026$  S/m;  $\epsilon_r = 37.455$ ;  $\rho = 1000$  kg/m<sup>3</sup>

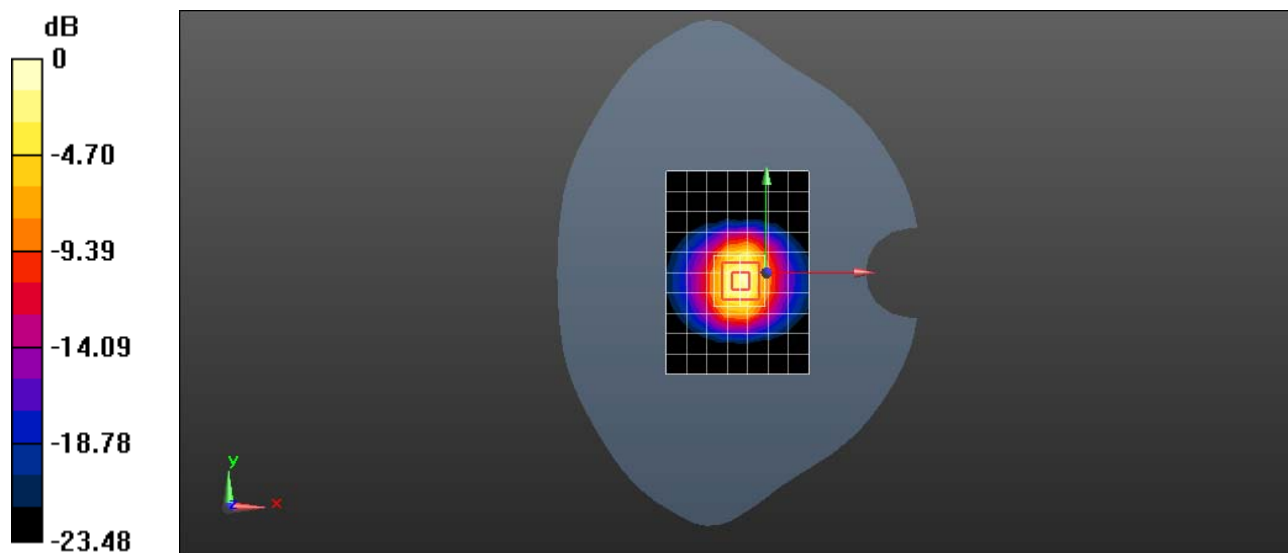
Phantom section: Flat Section

DASY Configuration:

- ζ Probe: EX3DV4 - SN3744; ConvF(6.68, 6.68, 6.68); Calibrated: 2015-7-24;
- ζ Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ζ Electronics: DAE4 Sn852; Calibrated: 2015-4-27
- ζ Phantom: SAM3; Type: SAM; Serial: TP-1597
- ζ DASY52 52.8.8(1222);

**Configuration/d=10mm, Pin=250mW/Area Scan (8x11x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm  
Maximum value of SAR (measured) = 16.3 W/kg

**Configuration/d=10mm, Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm  
Reference Value = 88.11 V/m; Power Drift = 0.01 dB  
Peak SAR (extrapolated) = 33.4 W/kg  
**SAR(1 g) = 15.3 W/kg; SAR(10 g) = 6.81 W/kg**  
Maximum value of SAR (measured) = 20.6 W/kg



0 dB = 20.6 W/kg = 13.13 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

## SystemPerformanceCheck-D2600-EX-Body 20160203

**DUT: Dipole 2600 MHz D2600V2; Type: D2600V2; Serial: D2600V2 - SN:1021**

Communication System: UID 0, CW; Frequency: 2600 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2600$  MHz;  $\sigma = 2.186$  S/m;  $\epsilon_r = 52.853$ ;  $\rho = 1000$  kg/m<sup>3</sup>

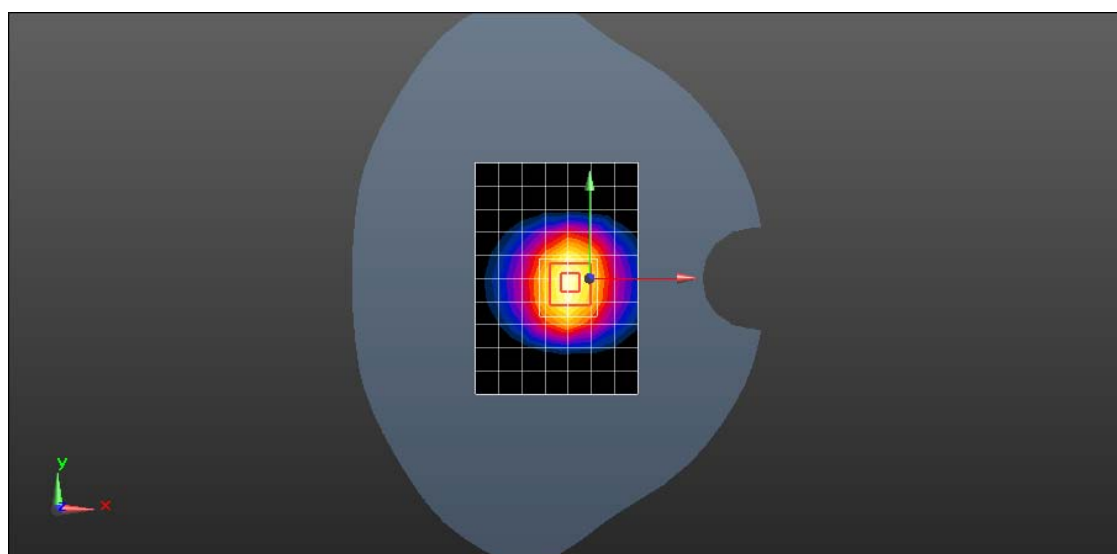
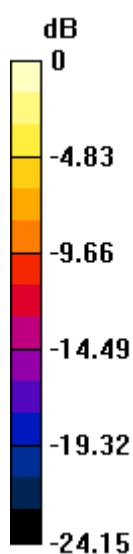
Phantom section: Flat Section

DASY Configuration:

- ζ Probe: EX3DV4 - SN3744; ConvF(6.65, 6.65, 6.65); Calibrated: 2015-7-24;
- ζ Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ζ Electronics: DAE4 Sn852; Calibrated: 2015-4-27
- ζ Phantom: SAM4; Type: SAM; Serial: TP-1620
- ζ DASY52 52.8.8(1222);

**Configuration/d=10mm, Pin=250mW/Area Scan (8x11x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm  
Maximum value of SAR (measured) = 20.5 W/kg

**Configuration/d=10mm, Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm  
Reference Value = 75.17 V/m; Power Drift = -0.10 dB  
Peak SAR (extrapolated) = 33.0 W/kg  
**SAR(1 g) = 15.5 W/kg; SAR(10 g) = 6.87 W/kg**



0 dB = 20.5 W/kg = 13.11 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

## SystemPerformanceCheck-D2600-EX-Body-20160218

**DUT: Dipole 2600 MHz D2600V2; Type: D2600V2; Serial: D2600V2 - SN:1021**

Communication System: UID 0, CW; Frequency: 2600 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2600$  MHz;  $\sigma = 2.203$  S/m;  $\epsilon_r = 50.901$ ;  $\rho = 1000$  kg/m<sup>3</sup>

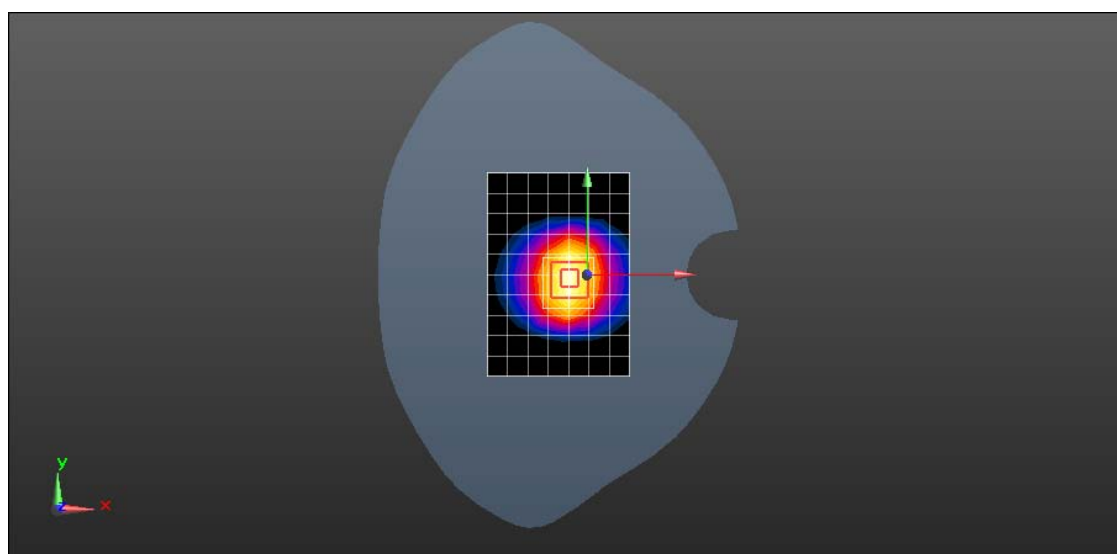
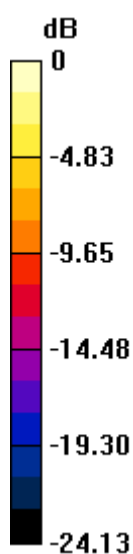
Phantom section: Flat Section

DASY Configuration:

- ζ Probe: EX3DV4 - SN3744; ConvF(6.65, 6.65, 6.65); Calibrated: 2015-7-24;
- ζ Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ζ Electronics: DAE4 Sn852; Calibrated: 2015-4-27
- ζ Phantom: SAM4; Type: SAM; Serial: TP-1620
- ζ DASY52 52.8.8(1222);

**Configuration/d=10mm, Pin=250mW/Area Scan (8x11x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm  
Maximum value of SAR (measured) = 20.6 W/kg

**Configuration/d=10mm, Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm  
Reference Value = 75.17 V/m; Power Drift = -0.03 dB  
Peak SAR (extrapolated) = 33.3 W/kg  
SAR(1 g) = 15.6 W/kg; SAR(10 g) = 6.92 W/kg



0 dB = 20.6 W/kg = 13.14 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

## SystemPerformanceCheck-D2600-EX-Body-20160223

**DUT: Dipole 2600 MHz D2600V2; Type: D2600V2; Serial: D2600V2 - SN:1021**

Communication System: UID 0, CW; Frequency: 2600 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2600$  MHz;  $\sigma = 2.169$  S/m;  $\epsilon_r = 51.027$ ;  $\rho = 1000$  kg/m<sup>3</sup>

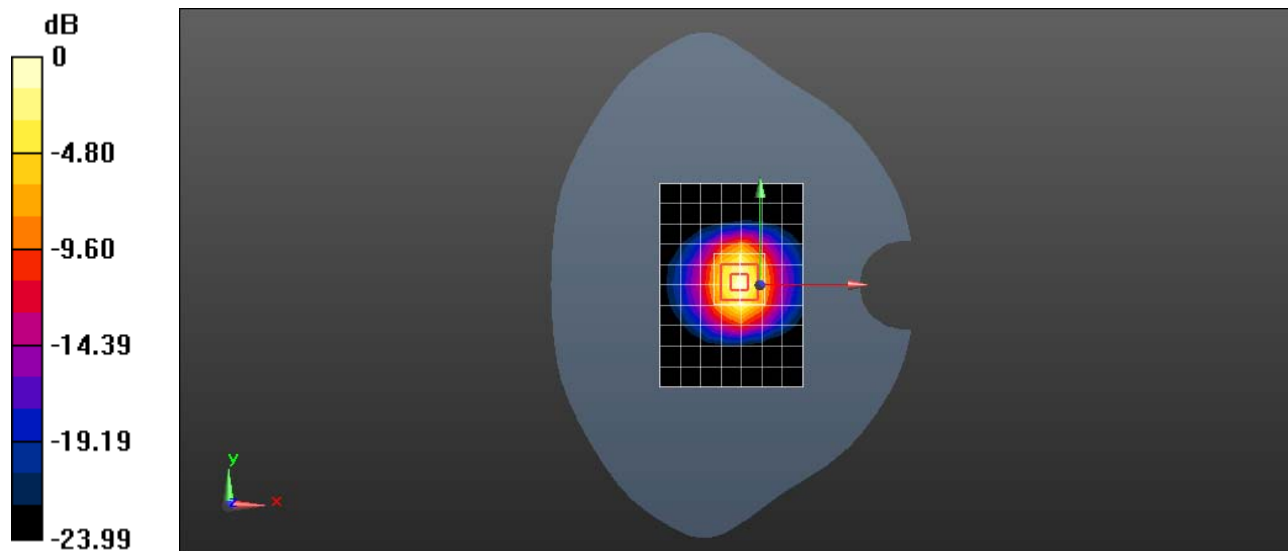
Phantom section: Flat Section

DASY Configuration:

- ζ Probe: EX3DV4 - SN3744; ConvF(6.65, 6.65, 6.65); Calibrated: 2015-7-24;
- ζ Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ζ Electronics: DAE4 Sn852; Calibrated: 2015-4-27
- ζ Phantom: SAM4; Type: SAM; Serial: TP-1620
- ζ DASY52 52.8.8(1222);

**Configuration/d=10mm, Pin=250mW/Area Scan (8x11x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm  
Maximum value of SAR (measured) = 18.2 W/kg

**Configuration/d=10mm, Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm  
Reference Value = 77.13 V/m; Power Drift = -0.13 dB  
Peak SAR (extrapolated) = 29.6 W/kg  
**SAR(1 g) = 13.9 W/kg; SAR(10 g) = 6.12 W/kg**  
Maximum value of SAR (measured) = 18.4 W/kg



0 dB = 18.4 W/kg = 12.66 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

## SystemPerformanceCheck-D5200-EX-Head

**DUT: Dipole D5GHzV2; Type: D5GHzV2; Serial: D5GHzV2 - SN:1155**

Communication System: UID 0, CW; Frequency: 5200 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5200$  MHz;  $\sigma = 4.59$  S/m;  $\epsilon_r = 34.986$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- ζ Probe: EX3DV4 - SN3736; ConvF(4.95, 4.95, 4.95); Calibrated: 2015-4-30;
- ζ Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = -9.0, 25.0$
- ζ Electronics: DAE4 Sn851; Calibrated: 2015-7-20
- ζ Phantom: SAM1; Type: SAM; Serial: TP-1475
- ζ DASY52 52.8.8(1222);

### System Performance Check with D5GHzV2 Dipole (graded grid)/d=10mm, Pin=100mW, f=5200 MHz/Area Scan (10x10x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 18.2 W/kg

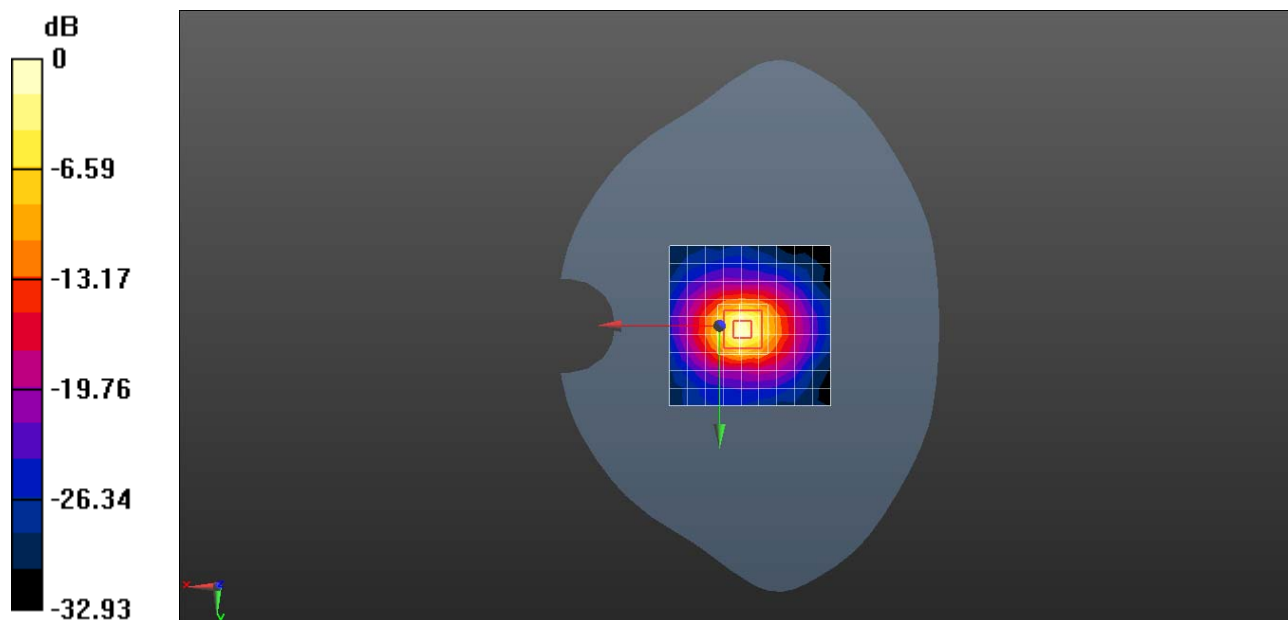
### System Performance Check with D5GHzV2 Dipole (graded grid)/d=10mm, Pin=100mW, f=5200 MHz/Zoom Scan (4x4x1.4mm, graded), dist=1.4mm (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 63.53 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 36.1 W/kg

SAR(1 g) = 8.03 W/kg; SAR(10 g) = 2.25 W/kg

Maximum value of SAR (measured) = 19.5 W/kg



0 dB = 18.2 W/kg = 12.60 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

## SystemPerformanceCheck-D5300-EX-Head

**DUT: Dipole D5GHzV2; Type: D5GHzV2; Serial: D5GHzV2 - SN:1155**

Communication System: UID 0, CW (0); Frequency: 5300 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5300$  MHz;  $\sigma = 4.74$  S/m;  $\epsilon_r = 34.862$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- ζ Probe: EX3DV4 - SN3736; ConvF(4.69, 4.69, 4.69); Calibrated: 2015-4-30;
- ζ Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = -9.0, 25.0$
- ζ Electronics: DAE4 Sn851; Calibrated: 2015-7-20
- ζ Phantom: SAM1; Type: SAM; Serial: TP-1475
- ζ DASY52 52.8.8(1222);

### System Performance Check with D5GHzV2 Dipole (graded grid)/d=10mm, Pin=100mW, f=5300 MHz/Area Scan (10x10x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 18.7 W/kg

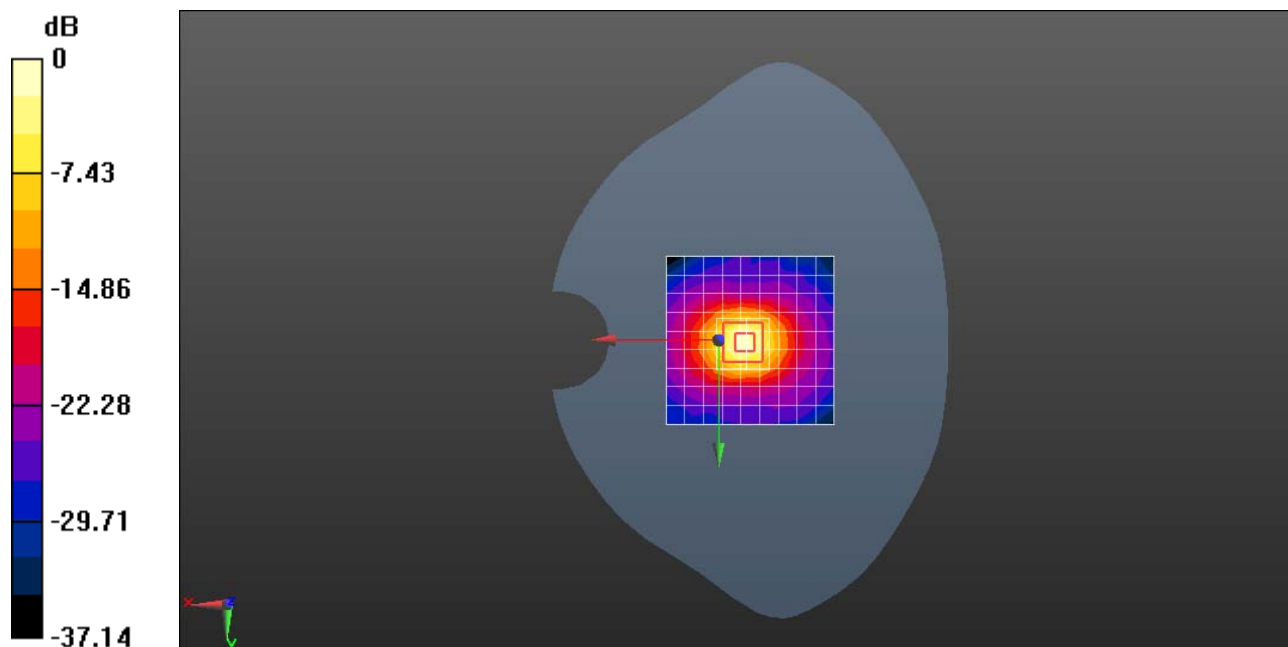
### System Performance Check with D5GHzV2 Dipole (graded grid)/d=10mm, Pin=100mW, f=5300 MHz/Zoom Scan (4x4x1.4mm, graded), dist=1.4mm (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 66.49 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 39.5 W/kg

SAR(1 g) = 8.6 W/kg; SAR(10 g) = 2.4 W/kg

Maximum value of SAR (measured) = 21.6 W/kg



0 dB = 18.7 W/kg = 12.72 dBW/kg



Test Laboratory: HUAWEI SAR/HAC Lab

## SystemPerformanceCheck-D5600-EX-Head

**DUT: Dipole D5GHzV2; Type: D5GHzV2; Serial: D5GHzV2 - SN:1155**

Communication System: UID 0, CW (0); Frequency: 5600 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5600$  MHz;  $\sigma = 5.218$  S/m;  $\epsilon_r = 34.483$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- ζ Probe: EX3DV4 - SN3736; ConvF(4.29, 4.29, 4.29); Calibrated: 2015-4-30;
- ζ Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = -9.0, 25.0$
- ζ Electronics: DAE4 Sn851; Calibrated: 2015-7-20
- ζ Phantom: SAM1; Type: SAM; Serial: TP-1475
- ζ DASY52 52.8.8(1222);

### System Performance Check with D5GHzV2 Dipole (graded grid)/d=10mm, Pin=100mW, f=5600 MHz/Area Scan (10x10x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 18.1 W/kg

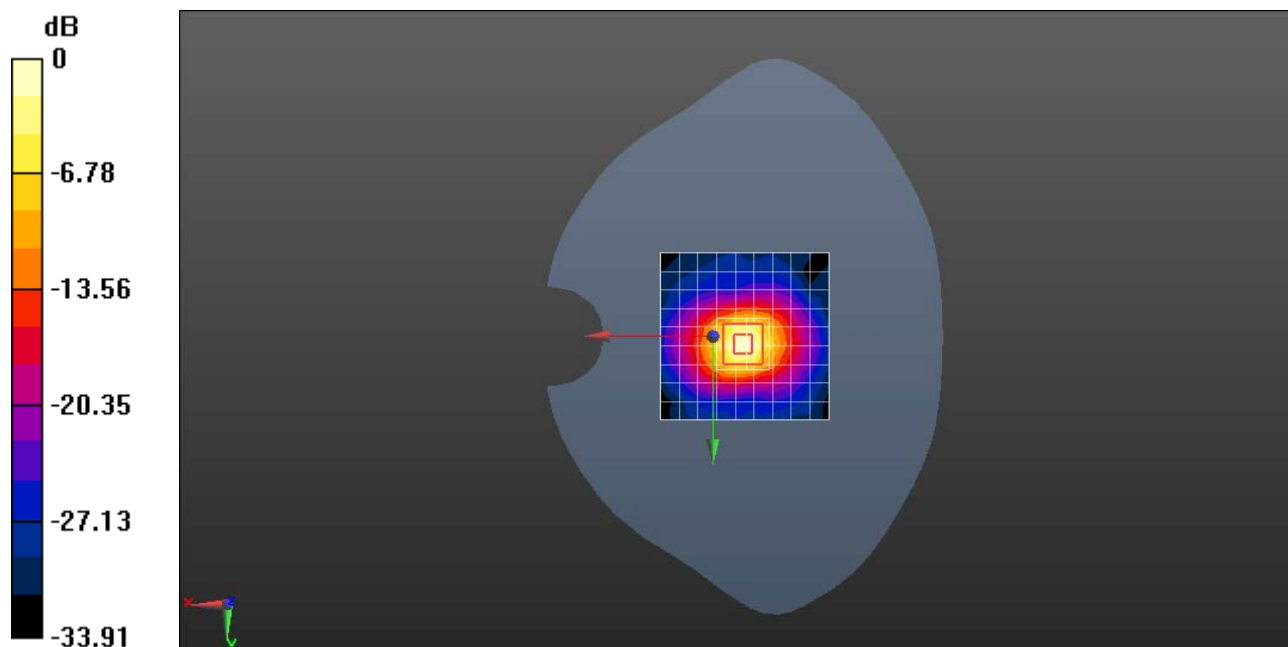
### System Performance Check with D5GHzV2 Dipole (graded grid)/d=10mm, Pin=100mW, f=5600 MHz/Zoom Scan (4x4x1.4mm, graded), dist=1.4mm (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 65.63 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 39.3 W/kg

SAR(1 g) = 8.66 W/kg; SAR(10 g) = 2.44 W/kg

Maximum value of SAR (measured) = 21.4 W/kg



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

Test Laboratory: HUAWEI SAR/HAC Lab

## SystemPerformanceCheck-D5800-EX-Head

**DUT: Dipole D5GHzV2; Type: D5GHzV2; Serial: D5GHzV2 - SN:1155**

Communication System: UID 0, CW (0); Frequency: 5800 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5800$  MHz;  $\sigma = 5.351$  S/m;  $\epsilon_r = 34.095$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- ζ Probe: EX3DV4 - SN3736; ConvF(4.47, 4.47, 4.47); Calibrated: 2015-4-30;
- ζ Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = -9.0, 25.0$
- ζ Electronics: DAE4 Sn851; Calibrated: 2015-7-20
- ζ Phantom: SAM1; Type: SAM; Serial: TP-1475
- ζ DASY52 52.8.8(1222);

### System Performance Check with D5GHzV2 Dipole (graded grid)/d=10mm, Pin=100mW, f=5800 MHz/Area Scan (10x10x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 15.6 W/kg

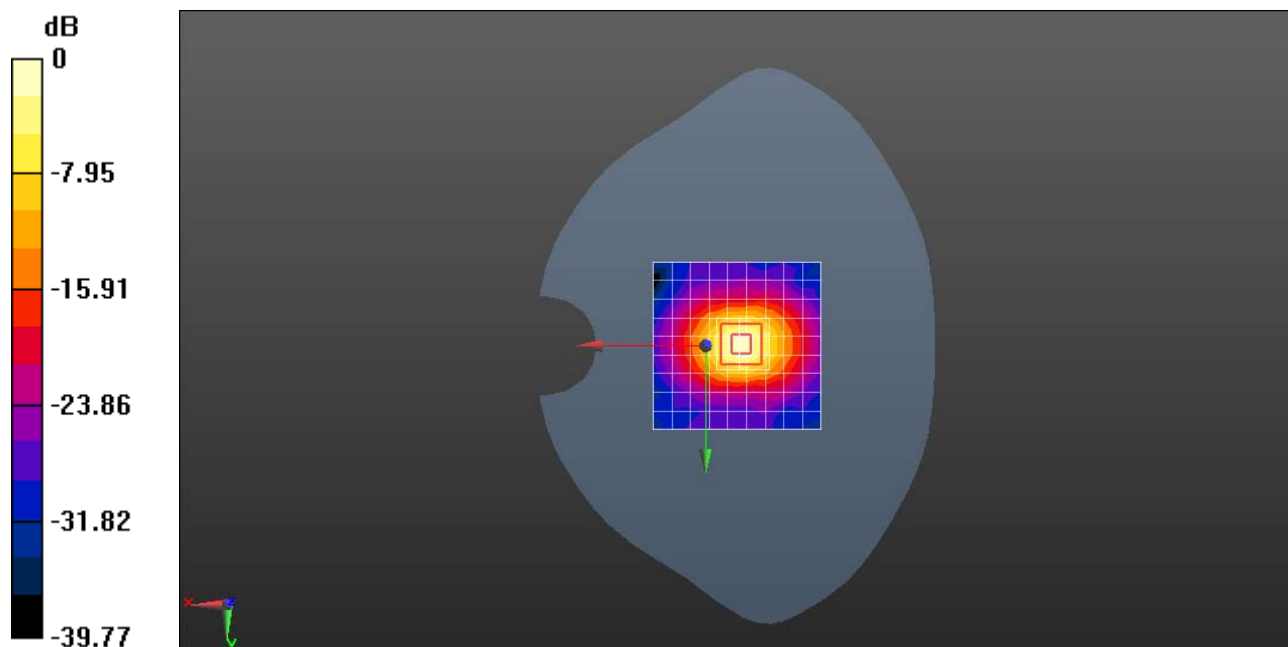
### System Performance Check with D5GHzV2 Dipole (graded grid)/d=10mm, Pin=100mW, f=5800 MHz/Zoom Scan (4x4x1.4mm, graded), dist=1.4mm (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 65.81 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 38.5 W/kg

SAR(1 g) = 8 W/kg; SAR(10 g) = 2.24 W/kg

Maximum value of SAR (measured) = 20.5 W/kg



0 dB = 15.6 W/kg = 11.93 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

## System Performance Check-D5200-EX-Body

**DUT: Dipole D5GHzV2; Type: D5GHzV2; Serial: D5GHzV2 - SN:1155**

Communication System: UID 0, CW (0); Frequency: 5200 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5200$  MHz;  $\sigma = 5.197$  S/m;  $\epsilon_r = 49.826$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- ζ Probe: EX3DV4 - SN3736; ConvF(4.31, 4.31, 4.31); Calibrated: 2015-4-30;
- ζ Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = -9.0, 25.0$
- ζ Electronics: DAE4 Sn851; Calibrated: 2015-7-20
- ζ Phantom: SAM2; Type: SAM; Serial: TP:1474
- ζ DASY52 52.8.8(1222);

### System Performance Check with D5GHzV2 Dipole (graded grid)/d=10mm, Pin=100mW, f=5200 MHz/Area Scan (10x10x1):

Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 14.6 W/kg

### System Performance Check with D5GHzV2 Dipole (graded grid)/d=10mm, Pin=100mW, f=5200 MHz/Zoom Scan (4x4x1.4mm, graded), dist=1.4mm (8x8x7)/Cube 0:

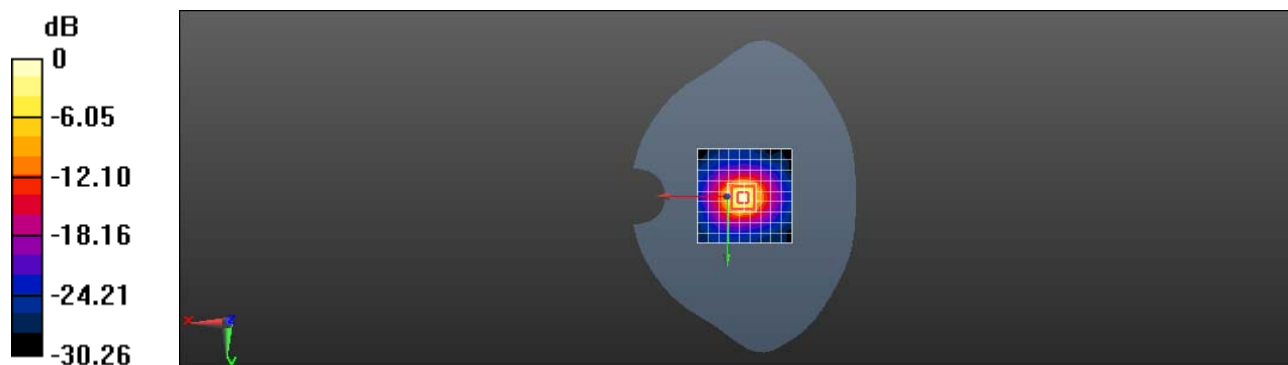
Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 64.67 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 32.8 W/kg

SAR(1 g) = 7.52 W/kg; SAR(10 g) = 2.09 W/kg

Maximum value of SAR (measured) = 18.1 W/kg



0 dB = 14.6 W/kg = 11.64 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

## System Performance Check-D5300-EX-Body

**DUT: Dipole D5GHzV2; Type: D5GHzV2; Serial: D5GHzV2 - SN:1155**

Communication System: UID 0, CW (0); Frequency: 5300 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5300$  MHz;  $\sigma = 5.476$  S/m;  $\epsilon_r = 47.201$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- ζ Probe: EX3DV4 - SN3736; ConvF(4.08, 4.08, 4.08); Calibrated: 2015-4-30;
- ζ Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = -9.0, 25.0$
- ζ Electronics: DAE4 Sn851; Calibrated: 2015-7-20
- ζ Phantom: SAM2; Type: SAM; Serial: TP:1474
- ζ DASY52 52.8.8(1222);

### System Performance Check with D5GHzV2 Dipole (graded grid)/d=10mm, Pin=100mW, f=5300 MHz/Area Scan (10x10x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 14.7 W/kg

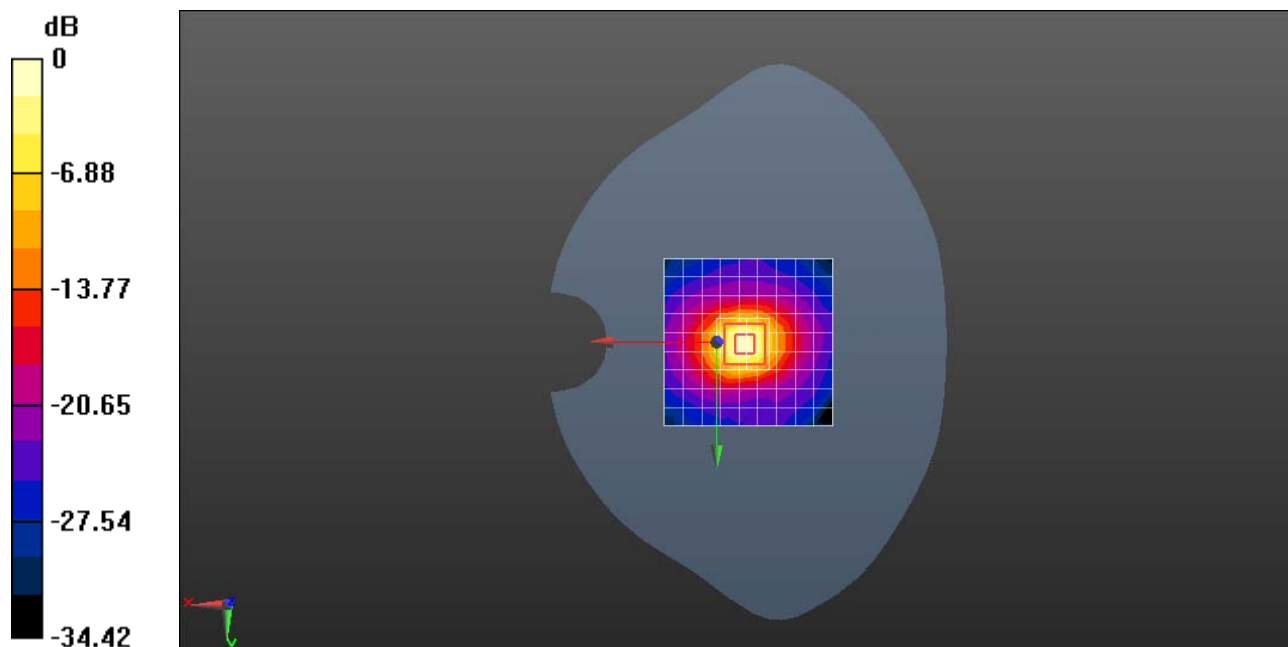
### System Performance Check with D5GHzV2 Dipole (graded grid)/d=10mm, Pin=100mW, f=5300 MHz/Zoom Scan (4x4x1.4mm, graded), dist=1.4mm (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 63.55 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 34.0 W/kg

SAR(1 g) = 7.57 W/kg; SAR(10 g) = 2.08 W/kg

Maximum value of SAR (measured) = 18.6 W/kg



0 dB = 14.7 W/kg = 11.67 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

## SystemPerformanceCheck-D5600-EX-Body

**DUT: Dipole D5GHzV2; Type: D5GHzV2; Serial: D5GHzV2 - SN:1155**

Communication System: UID 0, CW (0); Frequency: 5600 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5600$  MHz;  $\sigma = 5.793$  S/m;  $\epsilon_r = 48.64$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- ζ Probe: EX3DV4 - SN3736; ConvF(3.71, 3.71, 3.71); Calibrated: 2015-4-30;
- ζ Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = -9.0, 25.0$
- ζ Electronics: DAE4 Sn851; Calibrated: 2015-7-20
- ζ Phantom: SAM2; Type: SAM; Serial: TP:1474
- ζ DASY52 52.8.8(1222);

### System Performance Check with D5GHzV2 Dipole (graded grid)/d=10mm, Pin=100mW, f=5300 MHz/Area Scan (10x10x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 16.1 W/kg

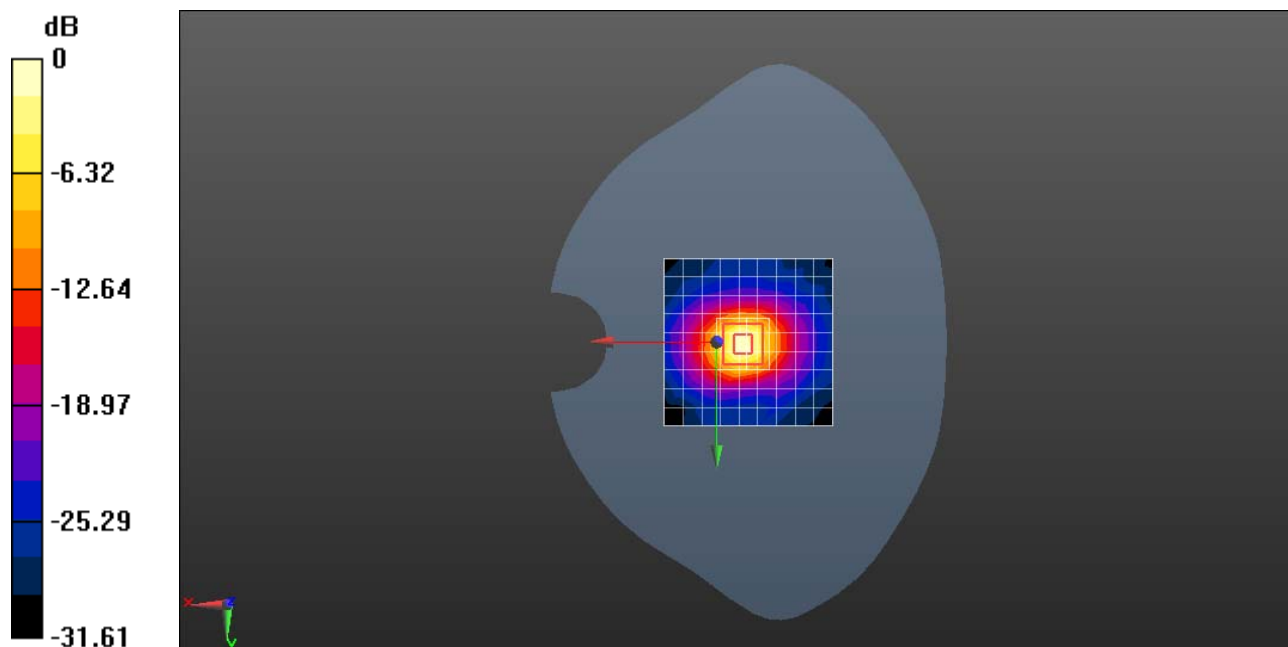
### System Performance Check with D5GHzV2 Dipole (graded grid)/d=10mm, Pin=100mW, f=5300 MHz/Zoom Scan (4x4x1.4mm, graded), dist=1.4mm (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 63.96 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 35.3 W/kg

SAR(1 g) = 7.87 W/kg; SAR(10 g) = 2.16 W/kg

Maximum value of SAR (measured) = 19.2 W/kg



0 dB = 16.1 W/kg = 12.07 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

## System Performance Check-D5800-EX-Body

**DUT: Dipole D5GHzV2; Type: D5GHzV2; Serial: D5GHzV2 - SN:1155**

Communication System: UID 0, CW (0); Frequency: 5800 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5800$  MHz;  $\sigma = 6.191$  S/m;  $\epsilon_r = 46.651$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- ζ Probe: EX3DV4 - SN3736; ConvF(3.86, 3.86, 3.86); Calibrated: 2015-4-30;
- ζ Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = -9.0, 25.0$
- ζ Electronics: DAE4 Sn851; Calibrated: 2015-7-20
- ζ Phantom: SAM2; Type: SAM; Serial: TP:1474
- ζ DASY52 52.8.8(1222);

### System Performance Check with D5GHzV2 Dipole (graded grid)/d=10mm, Pin=100mW, f=5800 MHz/Area Scan (10x10x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 16.1 W/kg

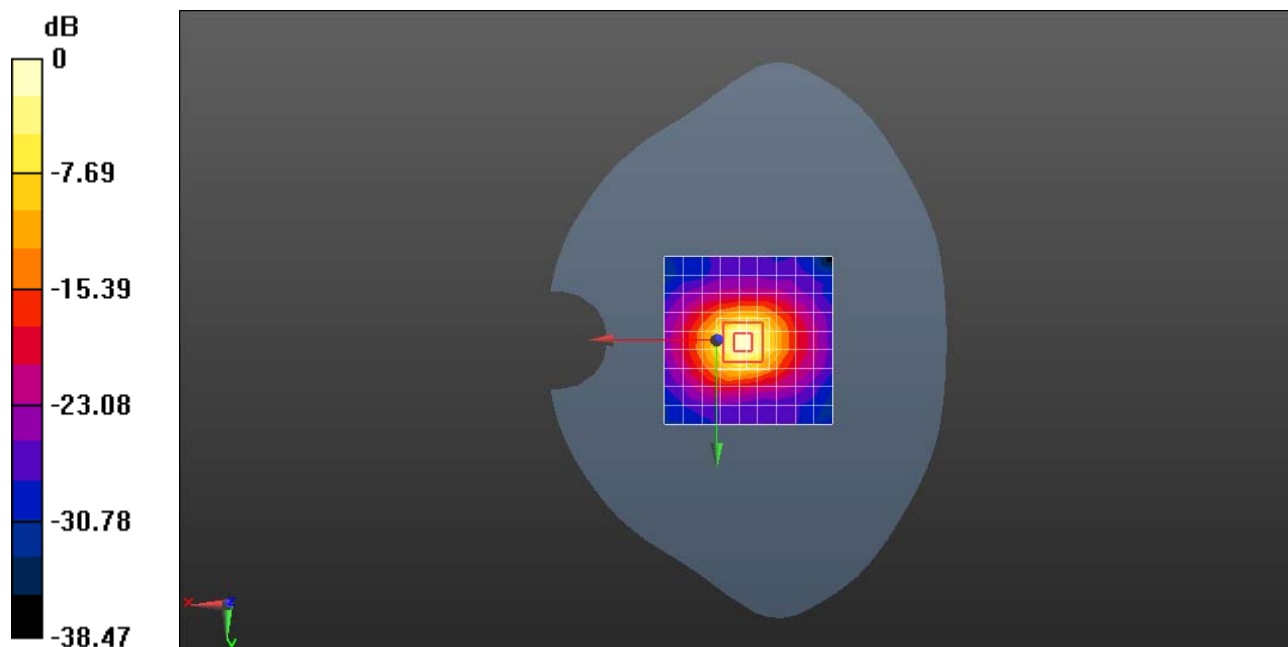
### System Performance Check with D5GHzV2 Dipole (graded grid)/d=10mm, Pin=100mW, f=5800 MHz/Zoom Scan (4x4x1.4mm, graded), dist=1.4mm (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 61.06 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 36.3 W/kg

SAR(1 g) = 7.57 W/kg; SAR(10 g) = 2.08 W/kg

Maximum value of SAR (measured) = 19.2 W/kg



0 dB = 16.1 W/kg = 12.07 dBW/kg