Appendix A. System Check Plots

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Date: 2016-5-19

Test Laboratory: HUAWEI SAR/HAC Lab

SystemPerformanceCheck-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; σ = 0.903 S/m; ε_r = 41.822; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

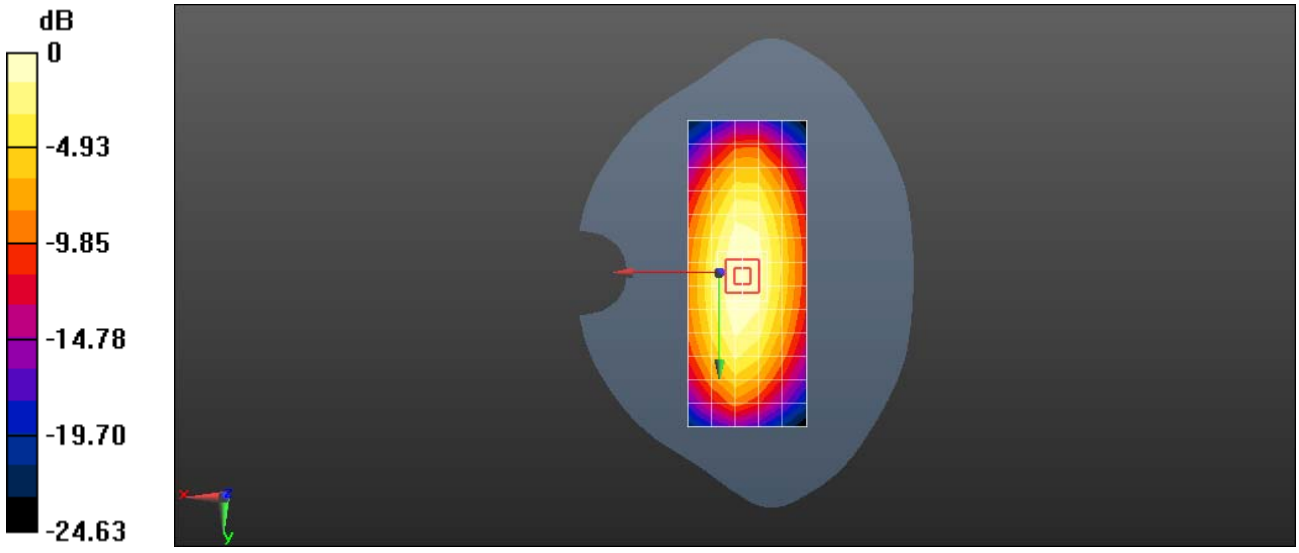
- ¿ Probe: ES3DV3 - SN3168; ConvF(6.52, 6.52, 6.52); Calibrated: 2015-9-28;
- ¿ Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- ¿ Electronics: DAE4 Sn851; Calibrated: 2015-7-20
- ¿ Phantom: SAM1; Type: SAM; Serial: TP-1475
- ¿ DASY52 52.8.8(1222);

Configuration/d=15mm, Pin=250mW/Area Scan (6x14x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 2.36 W/kg

Configuration/d=15mm, Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 51.17 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 3.22 W/kg
SAR(1 g) = 2.17 W/kg; SAR(10 g) = 1.42 W/kg
Maximum value of SAR (measured) = 2.53 W/kg



0 dB = 2.36 W/kg = 3.73 dBW/kg

Date: 2016-5-24

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; σ = 0.979 S/m; ε_r = 54.787; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

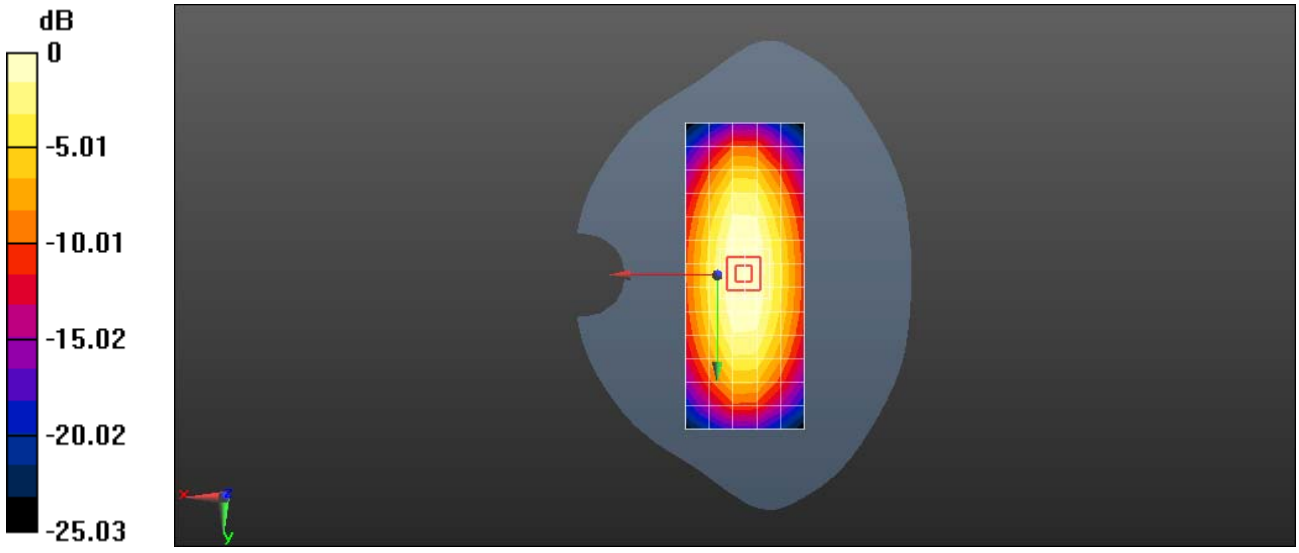
- Probe: ES3DV3 - SN3168; ConvF(6.39, 6.39, 6.39); Calibrated: 2015-9-28;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn851; Calibrated: 2015-7-20
- Phantom: SAM2; Type: SAM; Serial: TP:1474
- DASY52 52.8.8(1222);

Configuration/d=15mm, Pin=250mW/Area Scan (6x14x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 2.16 W/kg

Configuration/d=15mm, Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 49.57 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 3.14 W/kg
SAR(1 g) = 2.15 W/kg; SAR(10 g) = 1.42 W/kg
Maximum value of SAR (measured) = 2.51 W/kg



0 dB = 2.16 W/kg = 3.34 dBW/kg

Date: 2016-5-19

Test Laboratory: HUAWEI SAR/HAC Lab

SystemPerformanceCheck-D835-ES-Head

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; σ = 0.915 S/m; ε_r = 40.657; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

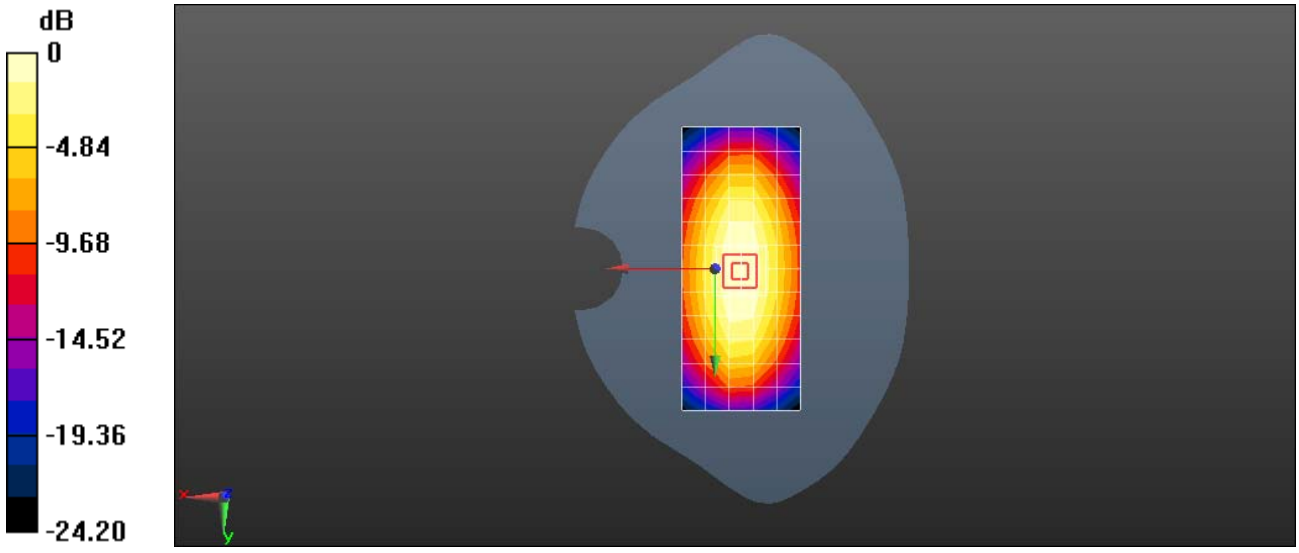
- ¿ Probe: ES3DV3 - SN3168; ConvF(6.32, 6.32, 6.32); Calibrated: 2015-9-28;
- ¿ Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- ¿ Electronics: DAE4 Sn851; Calibrated: 2015-7-20
- ¿ Phantom: SAM2; Type: SAM; Serial: TP:1474
- ¿ DASY52 52.8.8(1222);

Configuration/d=15mm, Pin=250mW/Area Scan (6x13x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 2.51 W/kg

Configuration/d=15mm, Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 54.21 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 3.64 W/kg
SAR(1 g) = 2.44 W/kg; SAR(10 g) = 1.58 W/kg
Maximum value of SAR (measured) = 2.85 W/kg



0 dB = 2.51 W/kg = 4.00 dBW/kg

Date: 2016-5-23

Test Laboratory: HUAWEI SAR/HAC Lab

SystemPerformanceCheck-D835-ES-Head

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; σ = 0.892 S/m; ε_r = 40.714; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

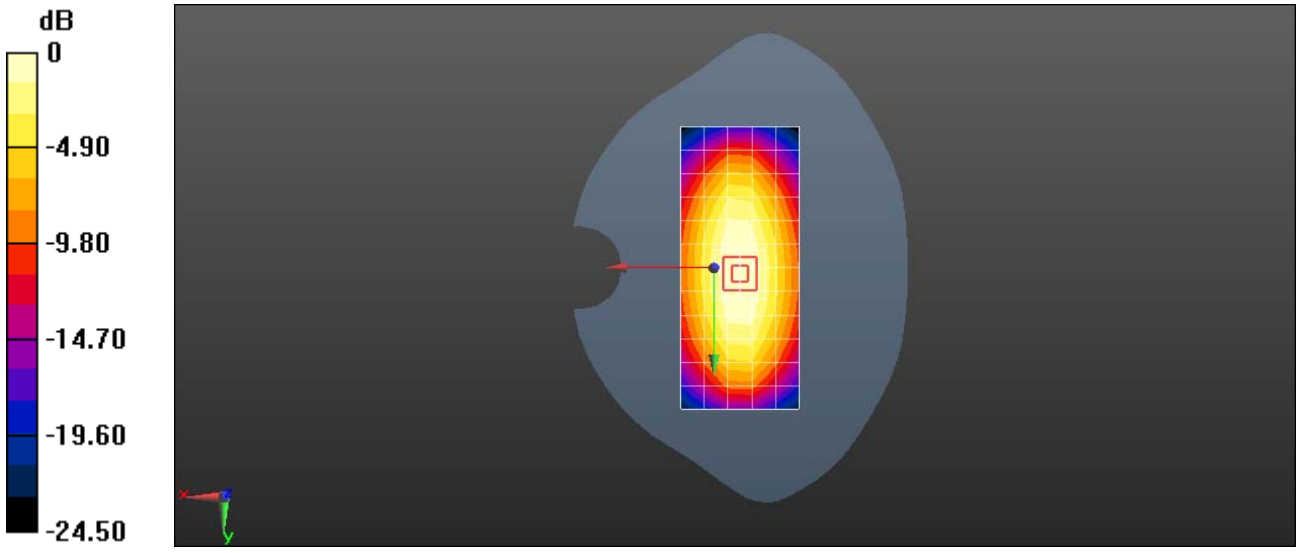
- ¿ Probe: ES3DV3 - SN3168; ConvF(6.32, 6.32, 6.32); Calibrated: 2015-9-28;
- ¿ Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- ¿ Electronics: DAE4 Sn851; Calibrated: 2015-7-20
- ¿ Phantom: SAM2; Type: SAM; Serial: TP:1474
- ¿ DASY52 52.8.8(1222);

Configuration/d=15mm, Pin=250mW/Area Scan (6x13x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 2.48 W/kg

Configuration/d=15mm, Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 54.92 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 3.67 W/kg
SAR(1 g) = 2.46 W/kg; SAR(10 g) = 1.61 W/kg
Maximum value of SAR (measured) = 2.88 W/kg



0 dB = 2.48 W/kg = 3.94 dBW/kg

Date: 2016-5-30

Test Laboratory: HUAWEI SAR/HAC Lab

SystemPerformanceCheck-D835-ES-Head

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; σ = 0.932 S/m; ε_r = 42.324; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

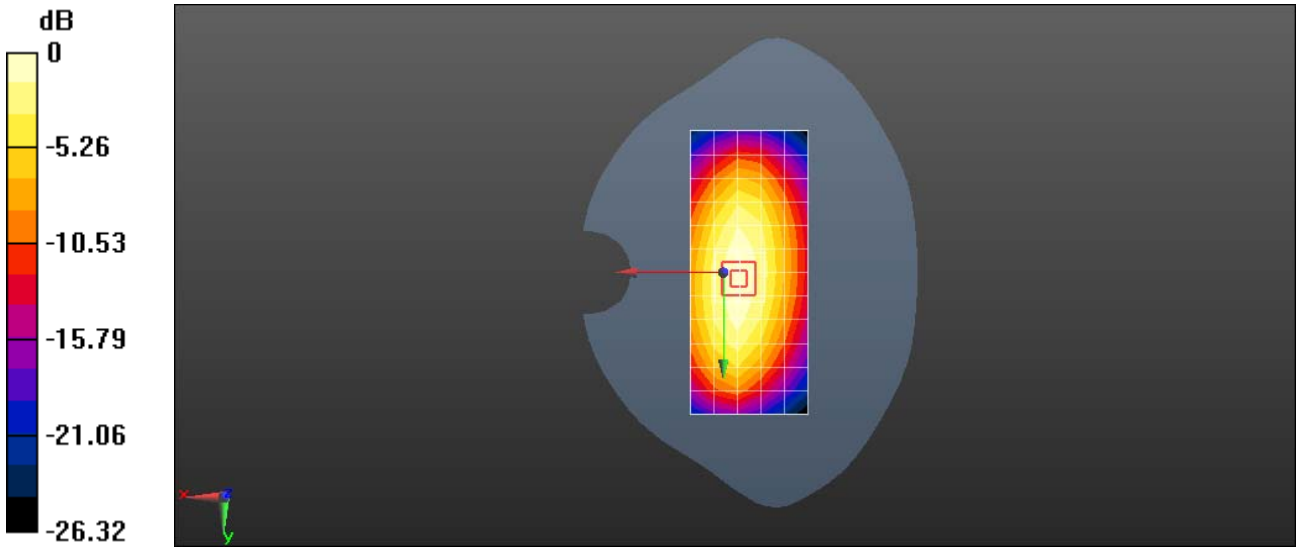
- ¿ Probe: ES3DV3 - SN3168; ConvF(6.32, 6.32, 6.32); Calibrated: 2015-9-28;
- ¿ Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- ¿ Electronics: DAE4 Sn851; Calibrated: 2015-7-20
- ¿ Phantom: SAM1; Type: SAM; Serial: TP-1475
- ¿ DASY52 52.8.8(1222);

Configuration/d=15mm, Pin=250mW/Area Scan (6x13x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 2.85 W/kg

Configuration/d=15mm, Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 50.49 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 3.66 W/kg
SAR(1 g) = 2.44 W/kg; SAR(10 g) = 1.58 W/kg
Maximum value of SAR (measured) = 2.87 W/kg



0 dB = 2.85 W/kg = 4.55 dBW/kg

Date: 2016-5-26

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; σ = 0.999 S/m; ε_r = 55.704; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

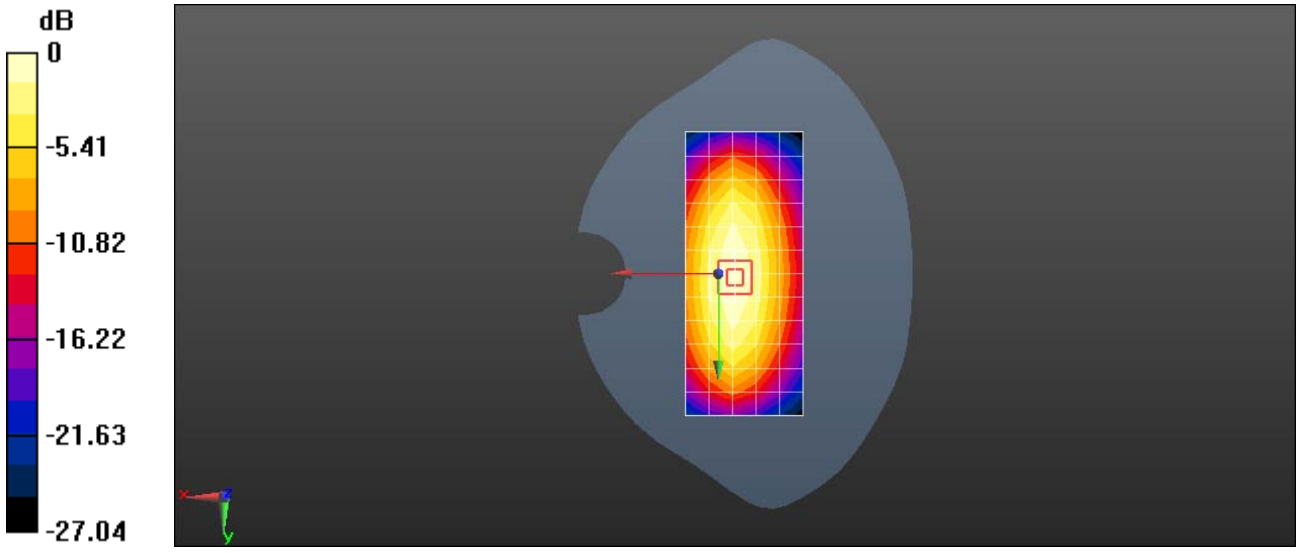
- Probe: ES3DV3 - SN3168; ConvF(6.24, 6.24, 6.24); Calibrated: 2015-9-28;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn851; Calibrated: 2015-7-20
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.8(1222);

Configuration/d=15mm, Pin=250mW/Area Scan (6x13x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 2.91 W/kg

Configuration/d=15mm, Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 49.55 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 3.66 W/kg
SAR(1 g) = 2.51 W/kg; SAR(10 g) = 1.64 W/kg
Maximum value of SAR (measured) = 2.94 W/kg



0 dB = 2.91 W/kg = 4.64 dBW/kg

Date: 2016-5-18

Test Laboratory: HUAWEI SAR/HAC Lab

SystemPerformanceCheck-D1750-EX-Head

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; σ = 1.369 S/m; ε_r = 40.465; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

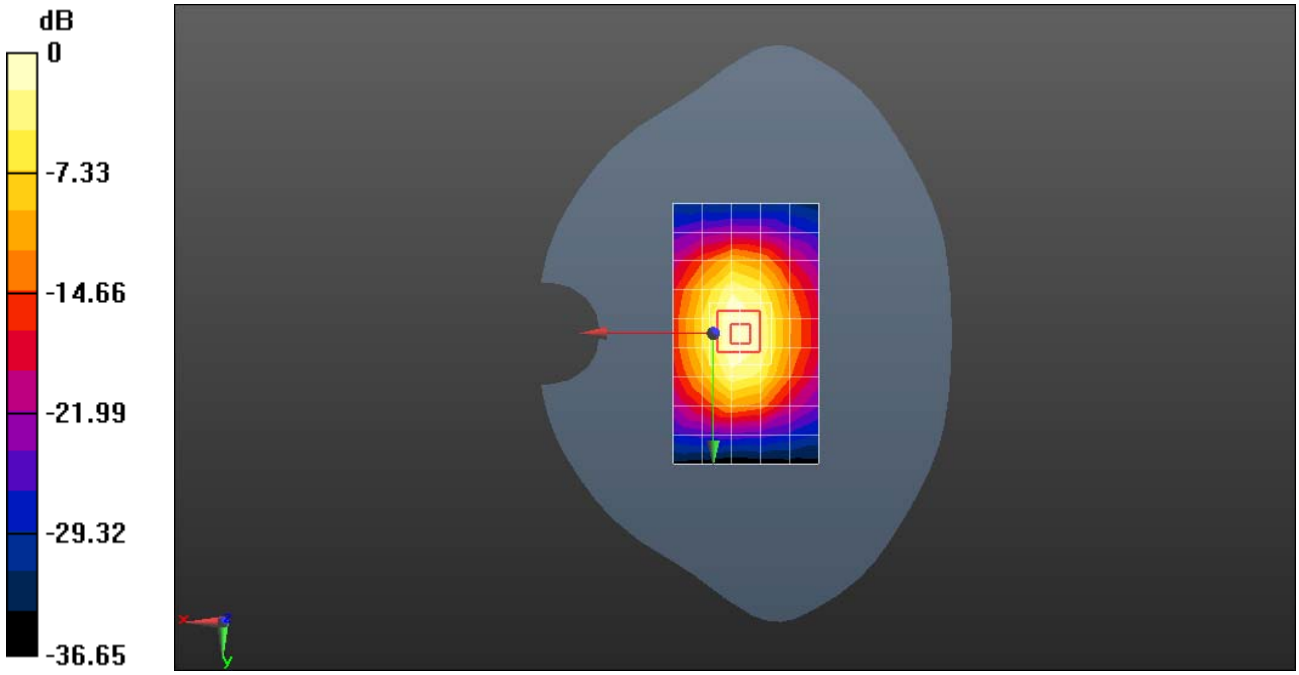
- Probe: EX3DV4 - SN3744; ConvF(7.84, 7.84, 7.84); Calibrated: 2015-7-24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1236; Calibrated: 2015-11-23
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/d=10mm pin=250mW/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 9.30 W/kg

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

Reference Value = 81.99 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 15.6 W/kg
SAR(1 g) = 8.72 W/kg; SAR(10 g) = 4.67 W/kg
Maximum value of SAR (measured) = 11.0 W/kg



0 dB = 9.30 W/kg = 9.68 dBW/kg

Date: 2016-6-2

Test Laboratory: HUAWEI SAR/HAC Lab

SystemPerformanceCheck-D1750-ES-Body

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; σ = 1.482 S/m; ε_r = 51.91; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

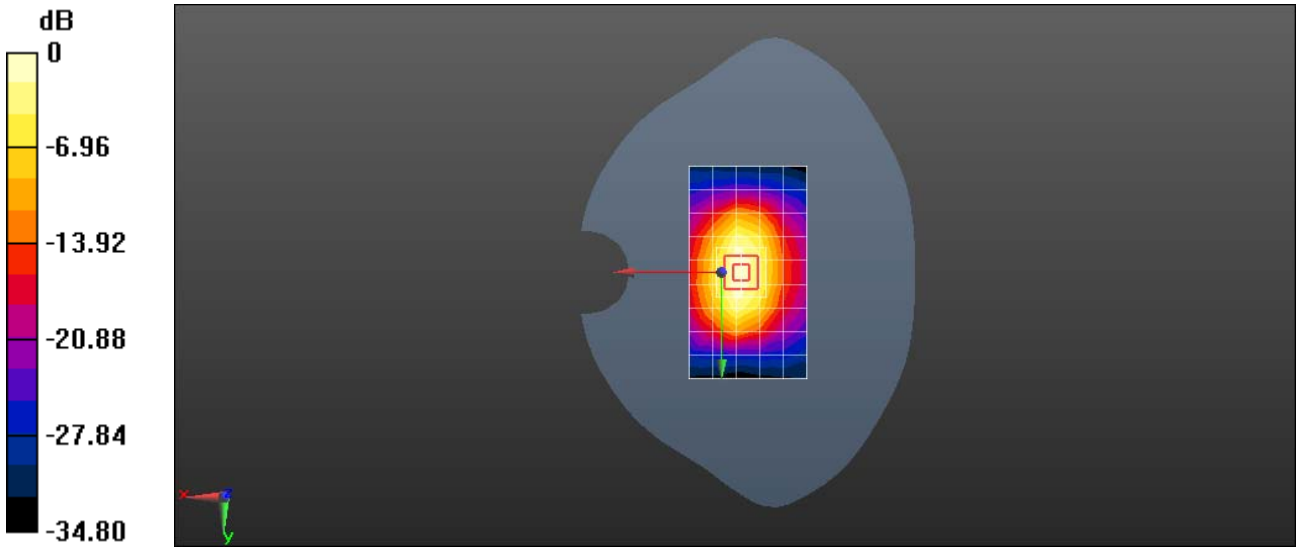
- ¿ Probe: ES3DV3 - SN3168; ConvF(4.95, 4.95, 4.95); Calibrated: 2015-9-28;
- ¿ Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- ¿ Electronics: DAE4 Sn851; Calibrated: 2015-7-20
- ¿ Phantom: SAM1; Type: SAM; Serial: TP-1475
- ¿ DASY52 52.8.8(1222);

Configuration/d=10mm pin=250mW/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 10.1 W/kg

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

Reference Value = 78.36 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 15.9 W/kg
SAR(1 g) = 8.98 W/kg; SAR(10 g) = 4.74 W/kg
Maximum value of SAR (measured) = 11.4 W/kg



0 dB = 10.1 W/kg = 10.04 dBW/kg

Date: 2016-5-19

Test Laboratory: HUAWEI SAR/HAC Lab

SystemPerformanceCheck-1900-EX-Head

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; σ = 1.406 S/m; ε_r = 39.571; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

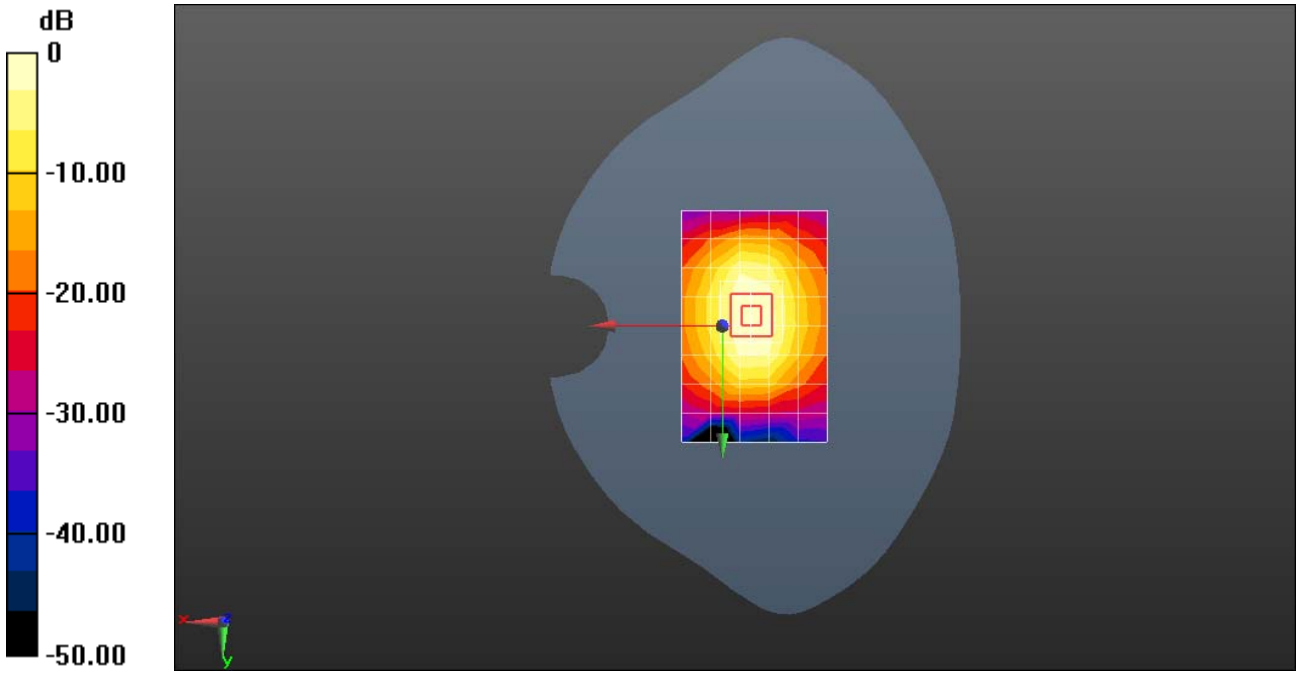
- Probe: EX3DV4 - SN3744; ConvF(7.54, 7.54, 7.54); Calibrated: 2015-7-24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1236; Calibrated: 2015-11-23
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

Maximum value of SAR (measured) = 9.78 W/kg

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

Reference Value = 91.35 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 19.4 W/kg
SAR(1 g) = 10.5 W/kg; SAR(10 g) = 5.43 W/kg
Maximum value of SAR (measured) = 13.3 W/kg



0 dB = 9.78 W/kg = 9.90 dBW/kg

Date: 2016-5-21

Test Laboratory: HUAWEI SAR/HAC Lab

SystemPerformanceCheck-1900-EX-Body

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; σ = 1.5 S/m; ε_r = 51.963; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

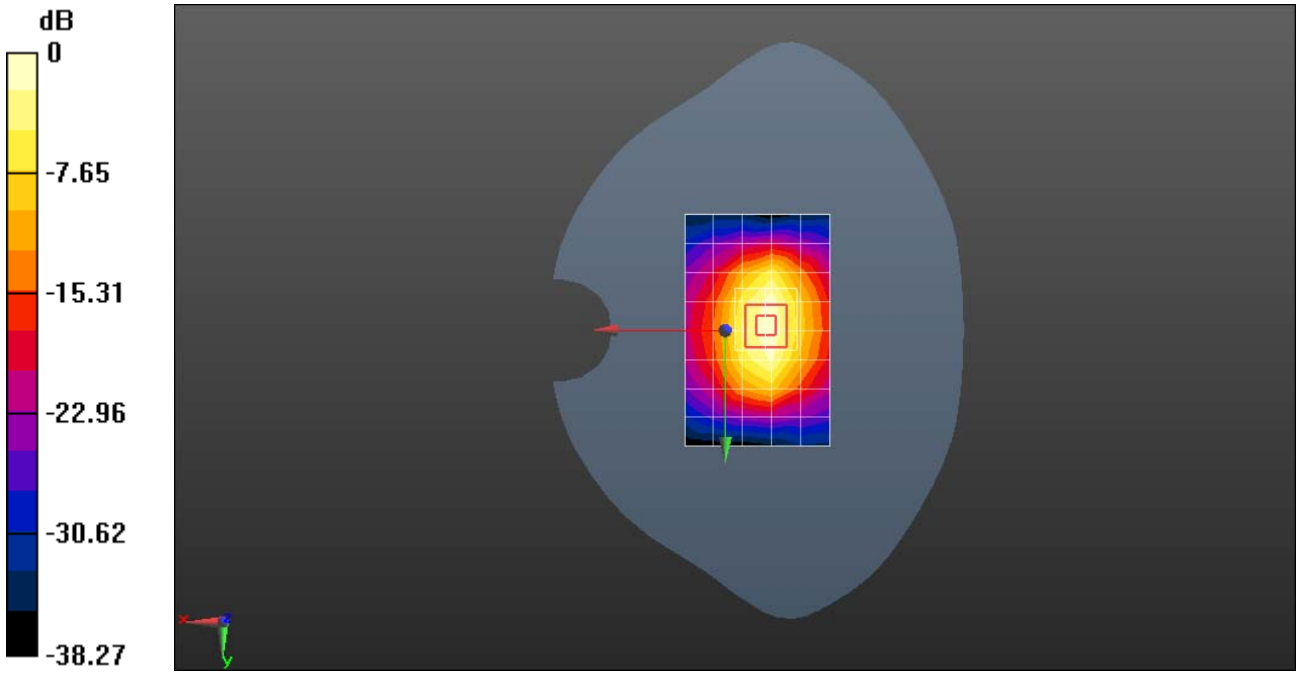
- Probe: EX3DV4 - SN3744; ConvF(7.24, 7.24, 7.24); Calibrated: 2015-7-24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1236; Calibrated: 2015-11-23
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

Maximum value of SAR (measured) = 15.1 W/kg

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

Reference Value = 83.47 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 19.2 W/kg
SAR(1 g) = 10.6 W/kg; SAR(10 g) = 5.53 W/kg
Maximum value of SAR (measured) = 16.1 W/kg



0 dB = 15.1 W/kg = 11.79 dBW/kg

Date: 2016-6-15

Test Laboratory: HUAWEI SAR/HAC Lab

SystemPerformanceCheck-D2450-EX-Head

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; σ = 1.849 S/m; ε_r = 39.151; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

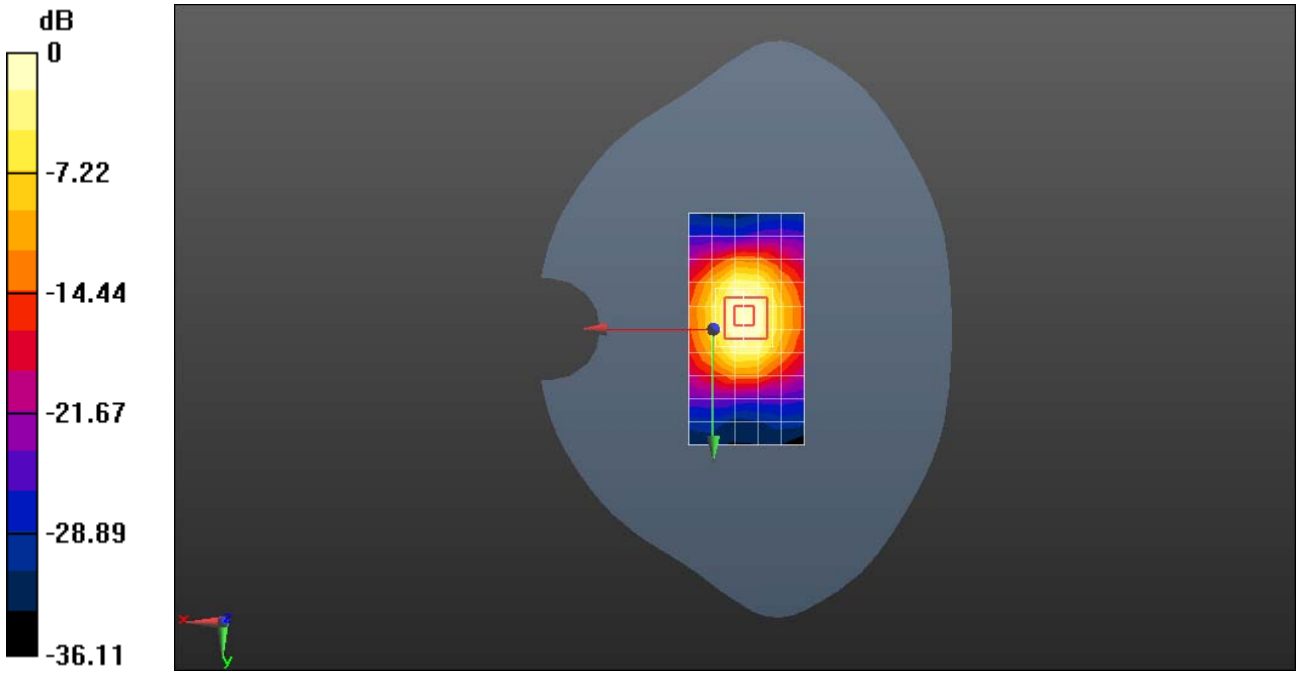
- Probe: EX3DV4 - SN3744; ConvF(6.84, 6.84, 6.84); Calibrated: 2015-7-24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1236; Calibrated: 2015-11-23
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/d=10mm, Pin=250mW/Area Scan (6x11x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 12.7 W/kg

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

Reference Value = 85.00 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 26.7 W/kg
SAR(1 g) = 12.8 W/kg; SAR(10 g) = 5.88 W/kg
Maximum value of SAR (measured) = 17.0 W/kg



0 dB = 12.7 W/kg = 11.04 dBW/kg

Date: 2016-6-3

Test Laboratory: HUAWEI SAR/HAC Lab

SystemPerformanceCheck-D2450-ES-Body

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; σ = 2.007 S/m; ε_r = 52; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

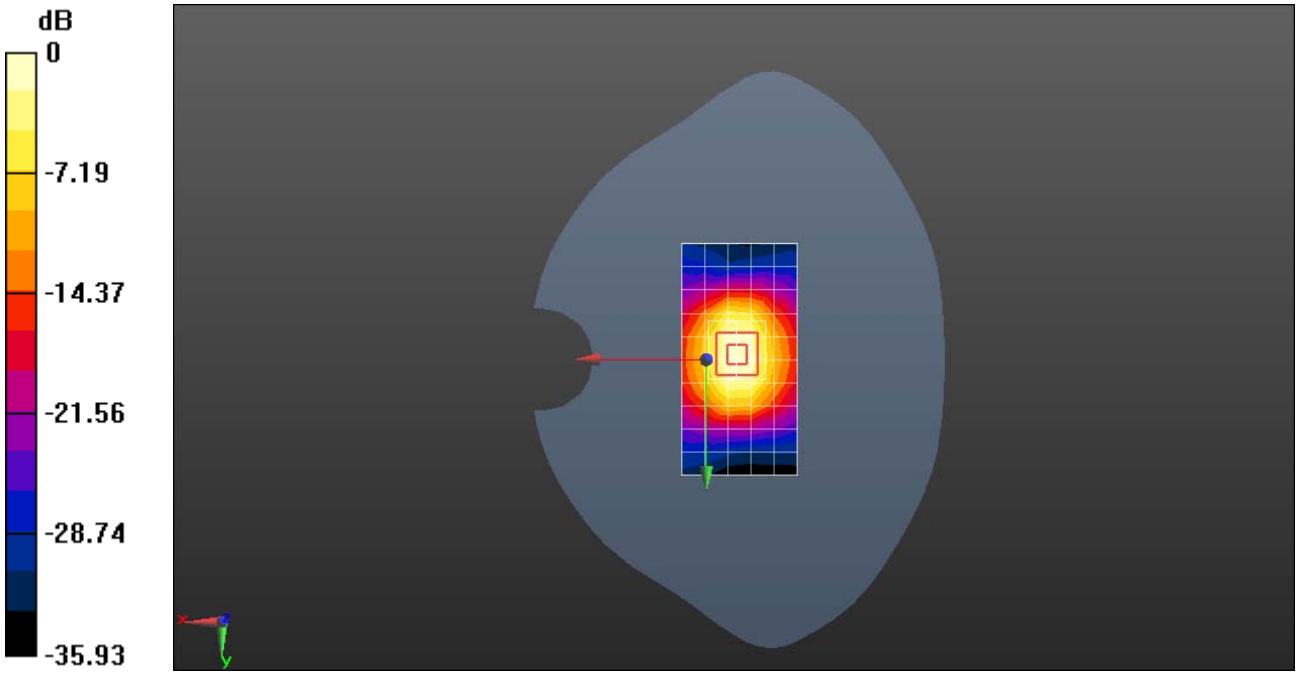
- Probe: ES3DV3 - SN3168; ConvF(4.35, 4.35, 4.35); Calibrated: 2015-9-28;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn851; Calibrated: 2015-7-20
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/d=10mm, Pin=250mW/Area Scan (6x11x1): Measurement grid: dx=12mm, dy=12mm

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

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

Reference Value = 87.63 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 28.2 W/kg
SAR(1 g) = 13.2 W/kg; SAR(10 g) = 5.96 W/kg
Maximum value of SAR (measured) = 17.4 W/kg



0 dB = 13.6 W/kg = 11.34 dBW/kg

Date: 2016-5-20

Test Laboratory: HUAWEI SAR/HAC Lab

SystemPerformanceCheck-D2600-EX-Head

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; σ = 2 S/m; ε_r = 40.167; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

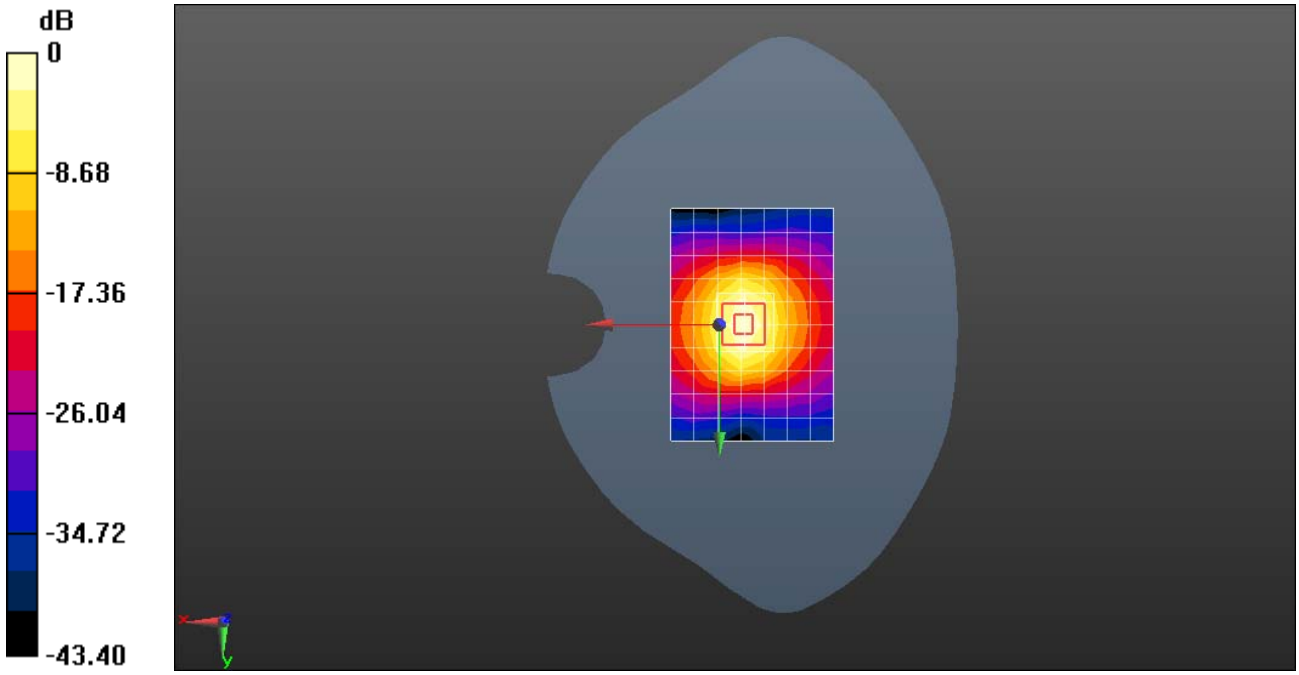
- Probe: EX3DV4 - SN3744; ConvF(6.68, 6.68, 6.68); Calibrated: 2015-7-24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1236; Calibrated: 2015-11-23
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/d=10mm, Pin=250mW/Area Scan (8x11x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 18.9 W/kg

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

Reference Value = 85.66 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 32.4 W/kg
SAR(1 g) = 14.6 W/kg; SAR(10 g) = 6.45 W/kg
Maximum value of SAR (measured) = 19.6 W/kg



0 dB = 18.9 W/kg = 12.76 dBW/kg

Date: 2016-6-3

Test Laboratory: HUAWEI SAR/HAC Lab

SystemPerformanceCheck-D2600-ES-Body

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; σ = 2.15 S/m; ε_r = 51.346; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

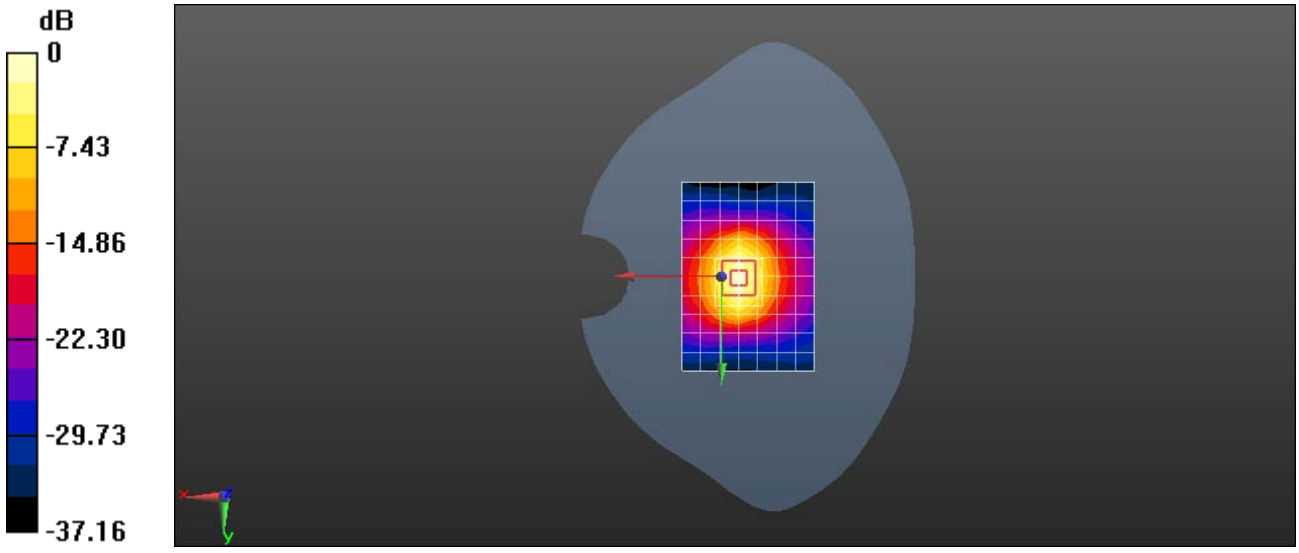
- ¿ Probe: ES3DV3 - SN3168; ConvF(4.23, 4.23, 4.23); Calibrated: 2015-9-28;
- ¿ Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- ¿ Electronics: DAE4 Sn851; Calibrated: 2015-7-20
- ¿ Phantom: SAM1; Type: SAM; Serial: TP-1475
- ¿ DASY52 52.8.8(1222);

Configuration/d=10mm, Pin=250mW/Area Scan (8x11x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 19.7 W/kg

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

Reference Value = 79.18 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 31.4 W/kg
SAR(1 g) = 14.8 W/kg; SAR(10 g) = 6.67 W/kg
Maximum value of SAR (measured) = 19.5 W/kg



0 dB = 19.7 W/kg = 12.94 dBW/kg

Date: 2016-6-14

Test Laboratory: HUAWEI SAR/HAC Lab

SystemPerformanceCheck-D5250-EX-Head

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

Communication System: UID 0, CW (0); Frequency: 5250 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5250 MHz; σ = 4.734 S/m; ε_r = 36.432; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

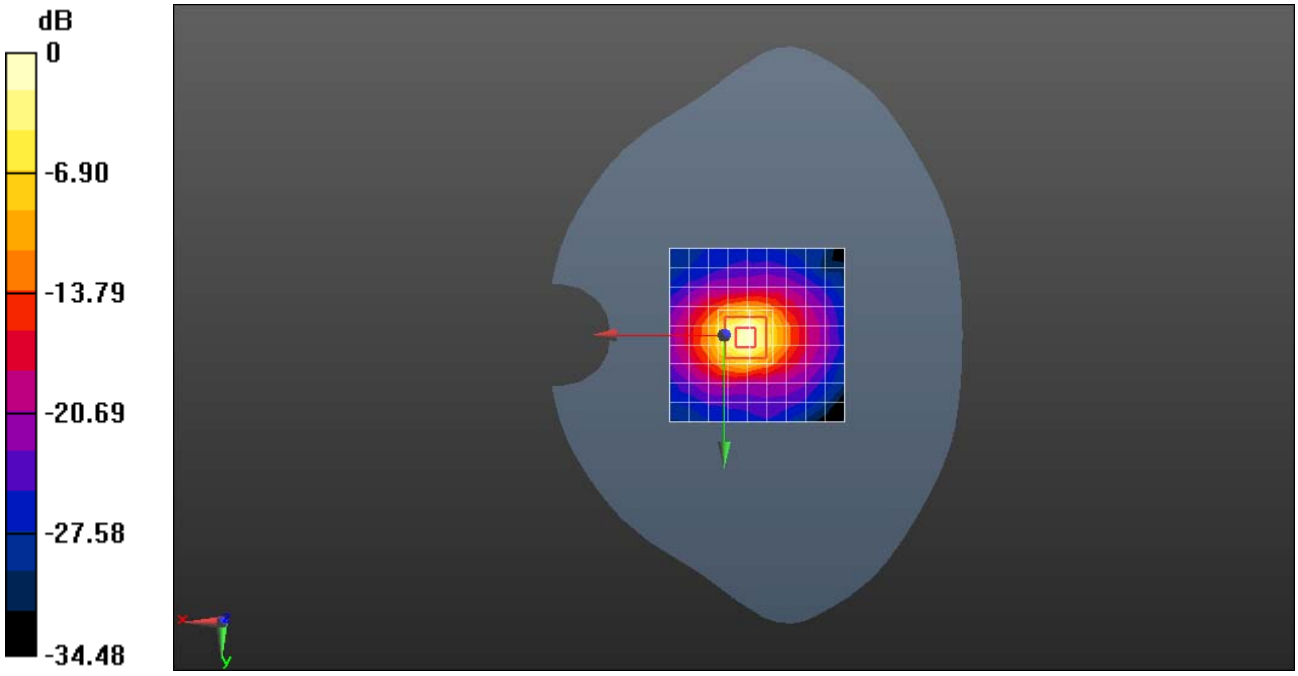
- Probe: EX3DV4 - SN3736; ConvF(4.57, 4.57, 4.57); Calibrated: 2016-4-26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 25.0
- Electronics: DAE4 Sn851; Calibrated: 2015-7-20
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

System Performance Check with D5GHzV2 Dipole (graded grid)/d=10mm, Pin=100mW, f=5250 MHz/Area Scan (10x10x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 16.0 W/kg

System Performance Check with D5GHzV2 Dipole (graded grid)/d=10mm, Pin=100mW, f=5250 MHz/Zoom Scan (4x4x1.4mm, graded), dist=1.4mm (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 56.69 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 33.8 W/kg
SAR(1 g) = 7.68 W/kg; SAR(10 g) = 2.18 W/kg
Maximum value of SAR (measured) = 18.8 W/kg



0 dB = 16.0 W/kg = 12.04 dBW/kg

Date: 2016-6-14

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; σ = 5.056 S/m; ε_r = 35.901; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

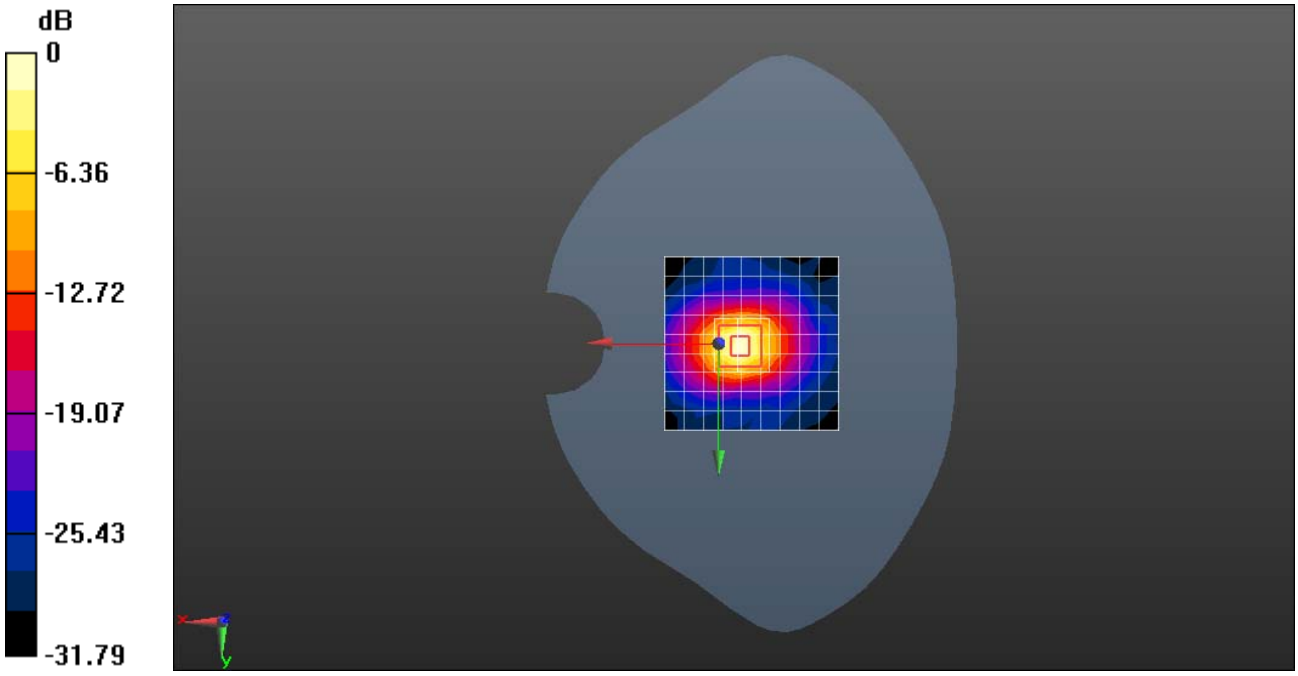
- Probe: EX3DV4 - SN3736; ConvF(4.29, 4.29, 4.29); Calibrated: 2016-4-26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 25.0
- Electronics: DAE4 Sn851; Calibrated: 2015-7-20
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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) = 17.0 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 = 57.95 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 35.5 W/kg
SAR(1 g) = 8.01 W/kg; SAR(10 g) = 2.27 W/kg
Maximum value of SAR (measured) = 20.0 W/kg



0 dB = 17.0 W/kg = 12.30 dBW/kg

Date: 2016-6-14

Test Laboratory: HUAWEI SAR/HAC Lab

SystemPerformanceCheck-D5750-EX-Head

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

Communication System: UID 0, CW (0); Frequency: 5750 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5750 MHz; σ = 5.264 S/m; ε_r = 36.252; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

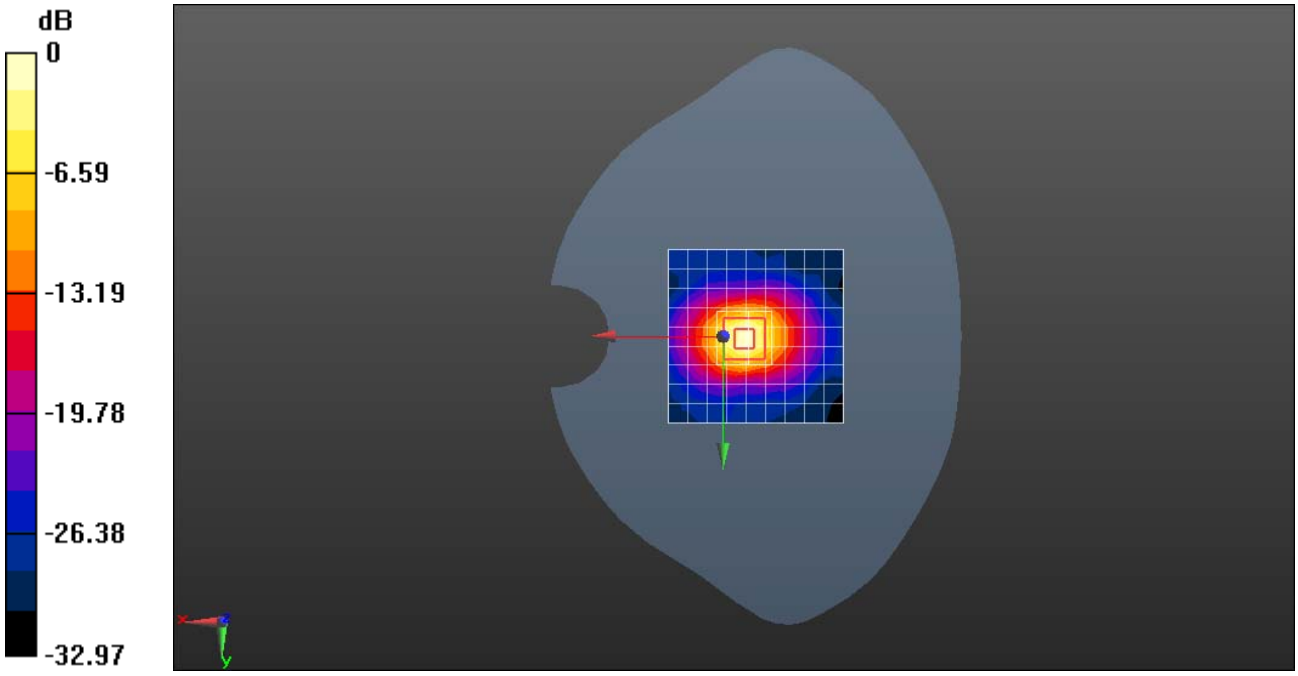
- Probe: EX3DV4 - SN3736; ConvF(4.44, 4.44, 4.44); Calibrated: 2016-4-26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 25.0
- Electronics: DAE4 Sn851; Calibrated: 2015-7-20
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

System Performance Check with D5GHzV2 Dipole (graded grid)/d=10mm, Pin=100mW, f=5750 MHz/Area Scan (10x10x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 17.2 W/kg

System Performance Check with D5GHzV2 Dipole (graded grid)/d=10mm, Pin=100mW, f=5750 MHz/Zoom Scan (4x4x1.4mm, graded), dist=1.4mm (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 56.91 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 36.5 W/kg
SAR(1 g) = 7.94 W/kg; SAR(10 g) = 2.24 W/kg
Maximum value of SAR (measured) = 19.8 W/kg



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

Date: 2016-6-15

Test Laboratory: HUAWEI SAR/HAC Lab

SystemPerformanceCheck-D5250-EX-Body

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

Communication System: UID 0, CW (0); Frequency: 5250 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5250 MHz; σ = 5.481 S/m; ε_r = 48.355; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

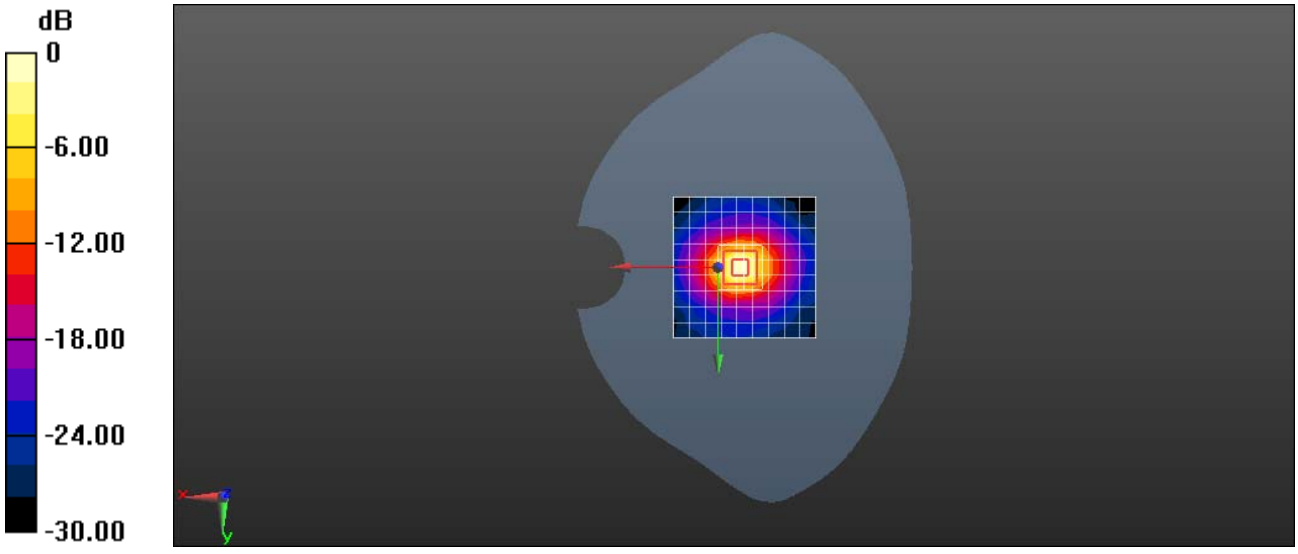
- ¿ Probe: EX3DV4 - SN3736; ConvF(3.92, 3.92, 3.92); Calibrated: 2016-4-26;
- ¿ Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 25.0
- ¿ Electronics: DAE4 Sn851; Calibrated: 2015-7-20
- ¿ Phantom: SAM2; Type: SAM; Serial: TP:1474
- ¿ DASY52 52.8.8(1222);

System Performance Check with D5GHzV2 Dipole (graded grid)/d=10mm, Pin=100mW, f=5250 MHz/Area Scan (10x10x1): Measurement grid: dx=10mm, dy=10mm

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

System Performance Check with D5GHzV2 Dipole (graded grid)/d=10mm, Pin=100mW, f=5250 MHz/Zoom Scan (4x4x1.4mm, graded), dist=1.4mm (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 64.19 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 30.1 W/kg
SAR(1 g) = 7.6 W/kg; SAR(10 g) = 2.11 W/kg
Maximum value of SAR (measured) = 17.9 W/kg



0 dB = 13.3 W/kg = 11.24 dBW/kg

Date: 2016-6-15

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; σ = 5.944 S/m; ε_r = 48.023; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

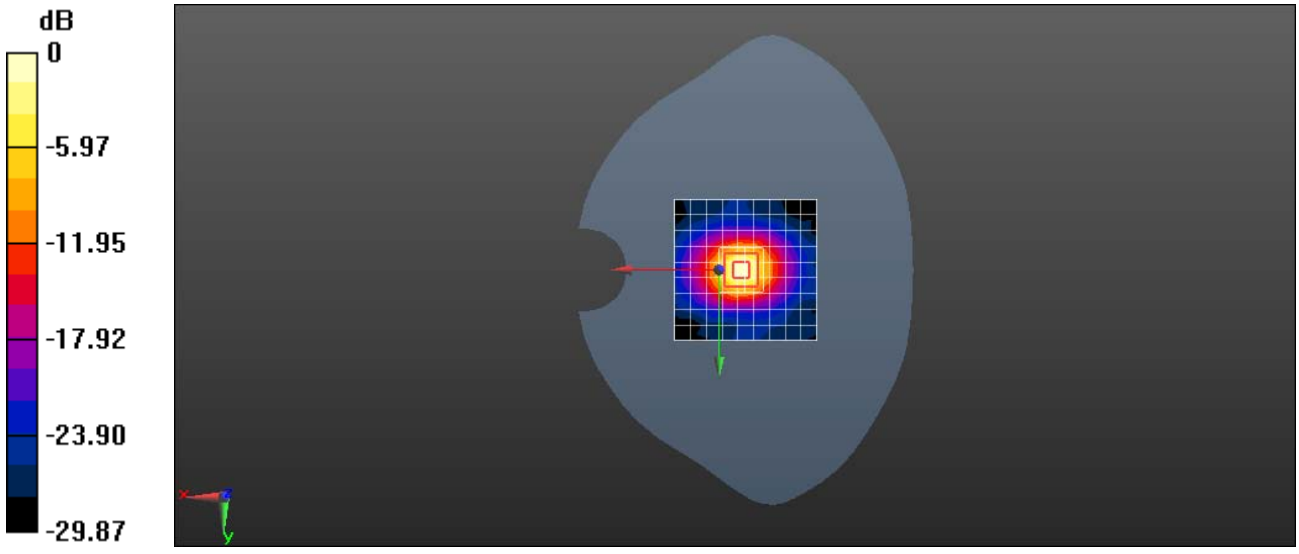
- ¿ Probe: EX3DV4 - SN3736; ConvF(3.48, 3.48, 3.48); Calibrated: 2016-4-26;
- ¿ Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 25.0
- ¿ Electronics: DAE4 Sn851; Calibrated: 2015-7-20
- ¿ Phantom: SAM2; Type: SAM; Serial: TP:1474
- ¿ DASY52 52.8.8(1222);

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) = 13.9 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 = 65.24 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 31.4 W/kg
SAR(1 g) = 7.81 W/kg; SAR(10 g) = 2.18 W/kg
Maximum value of SAR (measured) = 18.9 W/kg



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

Date: 2016-6-15

Test Laboratory: HUAWEI SAR/HAC Lab

SystemPerformanceCheck-D5750-EX-Body

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

Communication System: UID 0, CW (0); Frequency: 5750 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5750 MHz; σ = 6.184 S/m; ε_r = 48.832; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

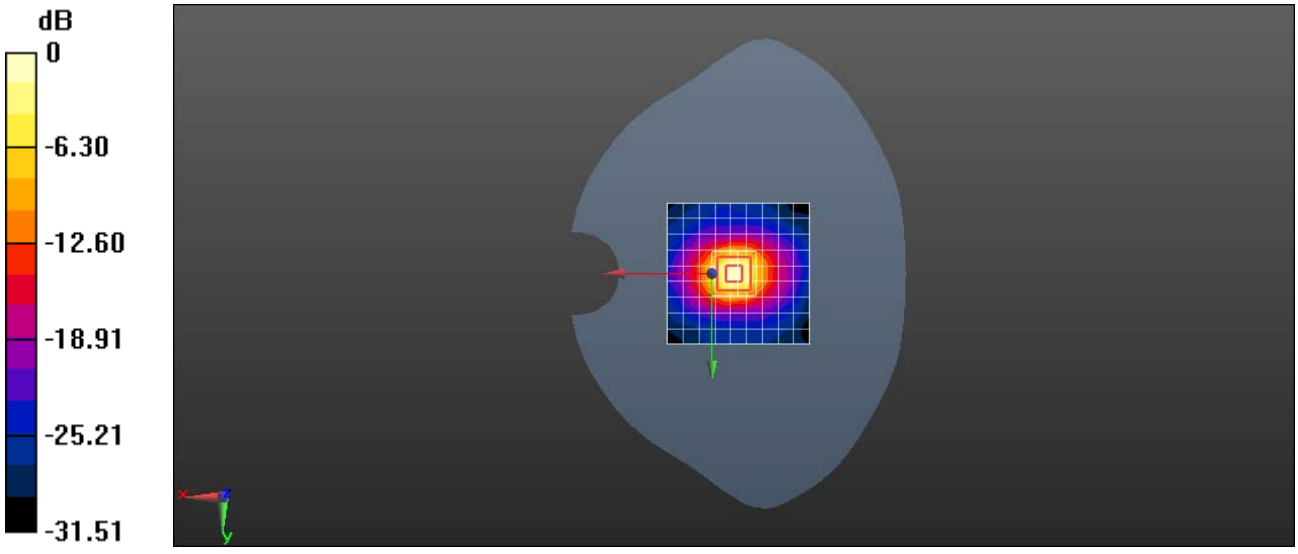
- ¿ Probe: EX3DV4 - SN3736; ConvF(3.6, 3.6, 3.6); Calibrated: 2016-4-26;
- ¿ Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 25.0
- ¿ Electronics: DAE4 Sn851; Calibrated: 2015-7-20
- ¿ Phantom: SAM2; Type: SAM; Serial: TP:1474
- ¿ DASY52 52.8.8(1222);

System Performance Check with D5GHzV2 Dipole (graded grid)/d=10mm, Pin=100mW, f=5750 MHz/Area Scan (10x10x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 13.1 W/kg

System Performance Check with D5GHzV2 Dipole (graded grid)/d=10mm, Pin=100mW, f=5750 MHz/Zoom Scan (4x4x1.4mm, graded), dist=1.4mm (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 61.69 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 29.9 W/kg
SAR(1 g) = 7.12 W/kg; SAR(10 g) = 1.98 W/kg
Maximum value of SAR (measured) = 17.6 W/kg



0 dB = 13.1 W/kg = 11.17 dBW/kg