

Test Laboratory: HUAWEI SAR/HAC Lab

SystemPerformanceCheck-D2450-EX-Body

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

Communication System: CW; Frequency: 2450 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2450$ MHz; $\sigma = 1.962$ S/m; $\epsilon_r = 51.244$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3898; ConvF(7.17, 7.17, 7.17); Calibrated: 2013-1-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 9.0, 31.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/d=10mm, Pin=250mW/Area Scan (6x9x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 12.0 W/kg

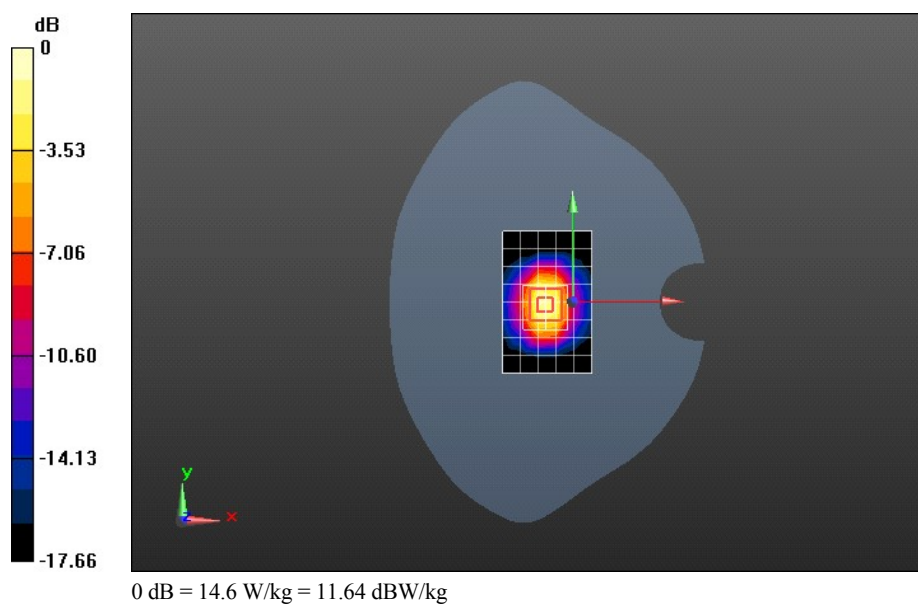
Configuration/d=10mm, Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 87.091 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 27.2 W/kg

SAR(1 g) = 12.9 W/kg; SAR(10 g) = 5.96 W/kg

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



Test Laboratory: HUAWEI SAR/HAC Lab

SystemPerformanceCheck-D5200-ES-Body

DUT: Dipole D5GHzV2; Type: D5GHzV2; Serial: D5GHzV2 - SN:1040

Communication System: CW; Frequency: 5200 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5200$ MHz; $\sigma = 5.263$ S/m; $\epsilon_r = 48.608$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(4.2, 4.2, 4.2); Calibrated: 2013-5-10;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -9.0, 25.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

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

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

Maximum value of SAR (measured) = 13.2 W/kg

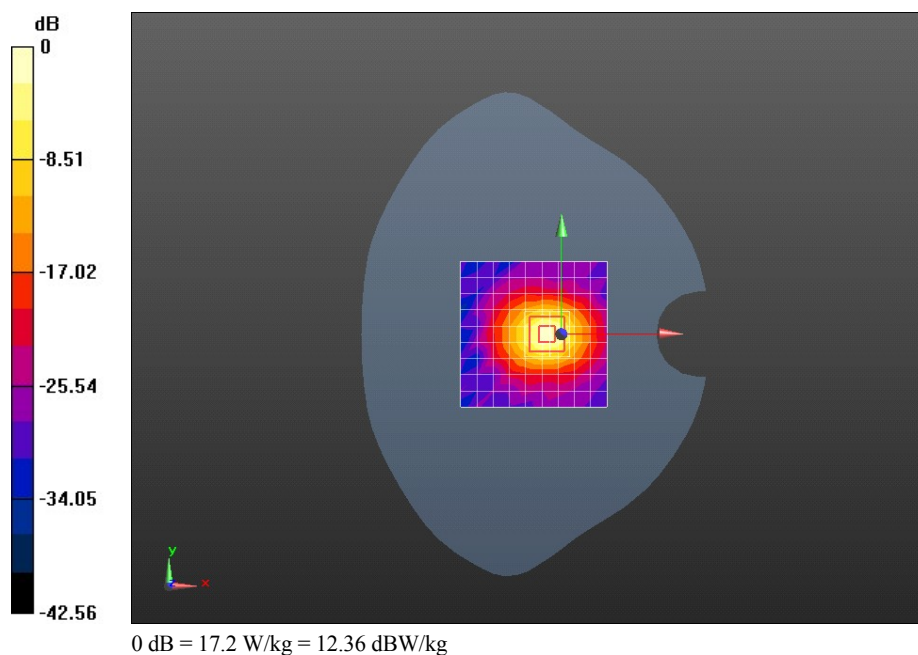
System Performance Check with D5GHzV2 Dipole (graded grid)/d=10mm, Pin=100mW, f=5200 MHz/Zoom Scan (4x4x1.4mm, graded), dist=1.4mm (8x8x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 45.477 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 29.6 W/kg

SAR(1 g) = 7.53 W/kg; SAR(10 g) = 2.13 W/kg

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



Test Laboratory: HUAWEI SAR/HAC Lab

SystemPerformanceCheck-D5500-ES-Body

DUT: Dipole D5GHzV2; Type: D5GHzV2; Serial: D5GHzV2 - SN:1040

Communication System: CW; Frequency: 5500 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5500$ MHz; $\sigma = 5.448$ S/m; $\epsilon_r = 49.785$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(3.89, 3.89, 3.89); Calibrated: 2013-5-10;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 25.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

System Performance Check with D5GHzV2 Dipole (graded grid)/d=10mm, Pin=100mW, f=5500 MHz/Area Scan (10x10x1):

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

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

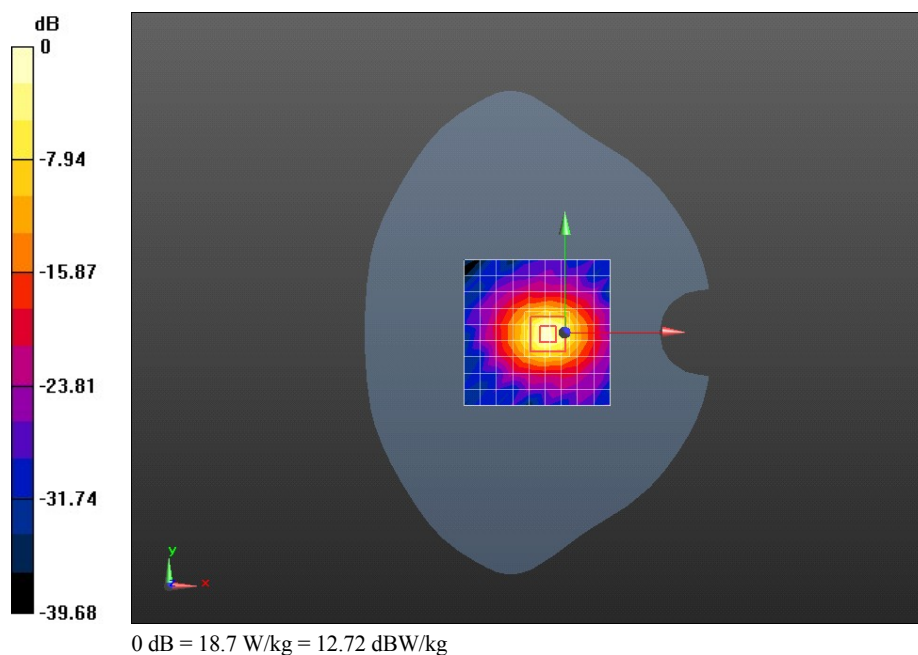
System Performance Check with D5GHzV2 Dipole (graded grid)/d=10mm, Pin=100mW, f=5500 MHz/Zoom Scan (4x4x1.4mm, graded), dist=1.4mm (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 48.793 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 33.5 W/kg

SAR(1 g) = 7.58 W/kg; SAR(10 g) = 2.12 W/kg

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



Test Laboratory: HUAWEI SAR/HAC Lab

SystemPerformanceCheck-D5800-ES-Body

DUT: Dipole D5GHzV2; Type: D5GHzV2; Serial: D5GHzV2 - SN:1040

Communication System: CW; Frequency: 5800 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5800$ MHz; $\sigma = 6.052$ S/m; $\epsilon_r = 47.256$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(4.16, 4.16, 4.16); Calibrated: 2013-5-10;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 25.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

System Performance Check with D5GHzV2 Dipole (graded grid)/d=10mm, Pin=100mW, f=5800 MHz/Area Scan (8x9x1):

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

Maximum value of SAR (measured) = 15.3 W/kg

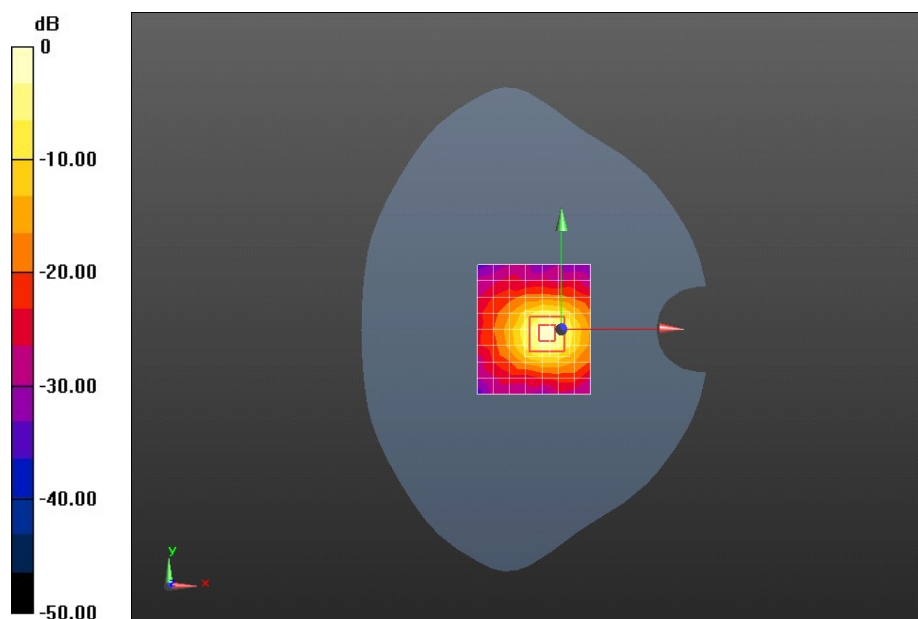
System Performance Check with D5GHzV2 Dipole (graded grid)/d=10mm, Pin=100mW, f=5800 MHz/Zoom Scan (4x4x1.4mm, graded), dist=1.4mm (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 39.871 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 34.3 W/kg

SAR(1 g) = 7.24 W/kg; SAR(10 g) = 2.04 W/kg

Maximum value of SAR (measured) = 17.7 W/kg



0 dB = 17.7 W/kg = 12.49 dBW/kg