



Appendix A. System Check Plots

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Test Laboratory: HUAWEI SAR/HAC Lab

SystemPerformanceCheck-D835-EX-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; $\sigma = 0.999$ S/m; $\epsilon_r = 53.536$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(8.82, 8.82, 8.82); Calibrated: 2015/7/24;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 2015/4/27
- Phantom: ELI v5.0; Type: ELI; Serial: TP:1111
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

Maximum value of SAR (measured) = 2.54 W/kg

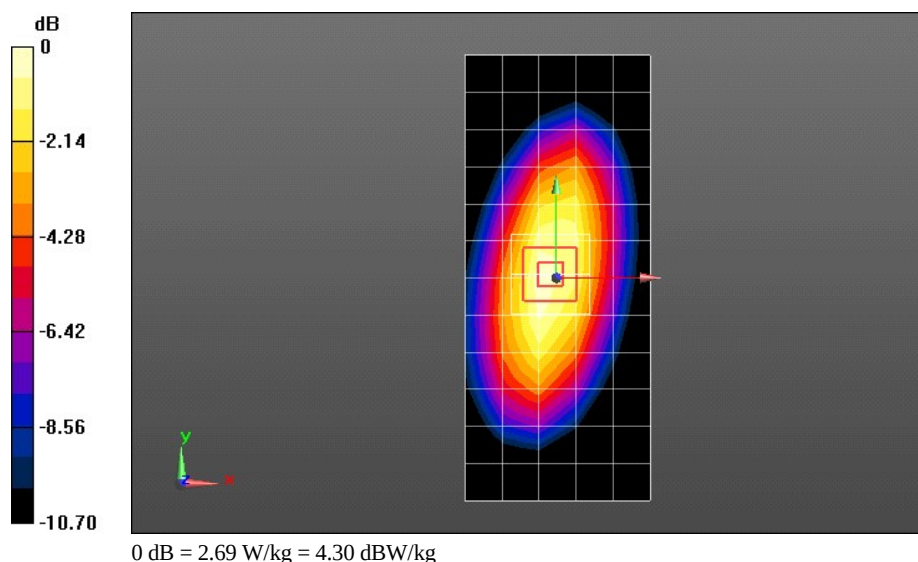
Configuration/d=15mm, Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 49.853 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 3.39 W/kg

SAR(1 g) = 2.31 W/kg; SAR(10 g) = 1.52 W/kg

Maximum value of SAR (measured) = 2.69 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

SystemPerformanceCheck-1900-EX-Body

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; $\sigma = 1.5$ S/m; $\epsilon_r = 53.571$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(7.24, 7.24, 7.24); Calibrated: 2015/7/24;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 2015/4/27
- Phantom: ELI v5.0; Type: ELI; Serial: TP:1111
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

Maximum value of SAR (measured) = 10.5 W/kg

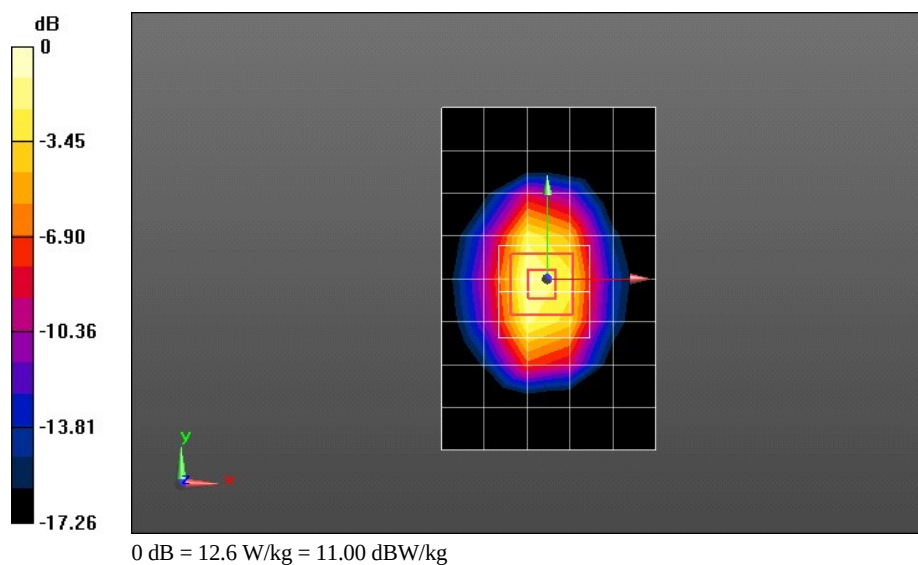
Configuration/d=10mm, Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 86.249 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 17.9 W/kg

SAR(1 g) = 10.1 W/kg; SAR(10 g) = 5.37 W/kg

Maximum value of SAR (measured) = 12.6 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

SystemPerformanceCheck-D2450-ES-Body

DUT: Dipole 2450 MHz D2450V2; Type: D2450V2; Serial: D2450V2 - SN:869

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

Medium parameters used: $f = 2450$ MHz; $\sigma = 2.025$ S/m; $\epsilon_r = 50.917$; $\rho = 1000$ kg/m³

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 Sn852; Calibrated: 2015/4/27
- Phantom: ELI v5.0; Type: ELI; Serial: TP:1111
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

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

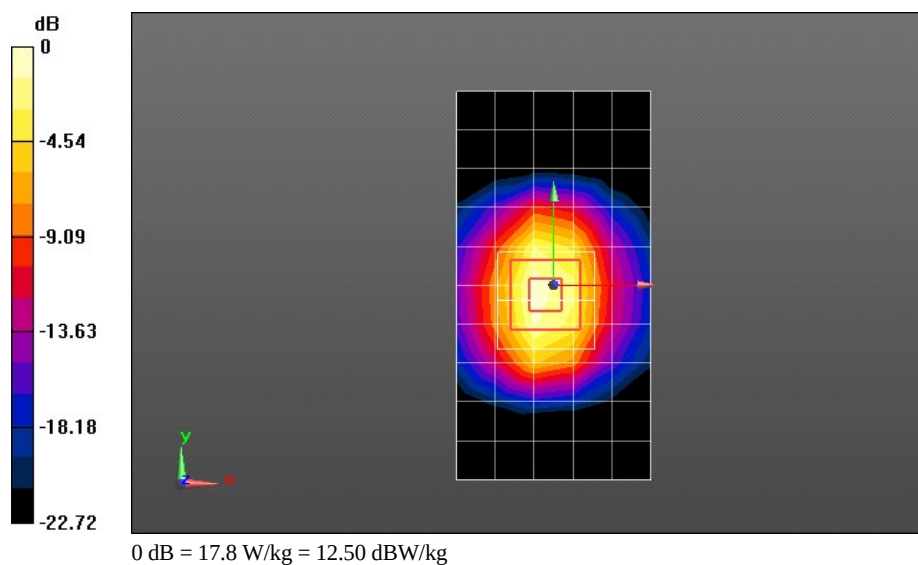
Configuration/d=10mm, Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 86.106 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 28.6 W/kg

SAR(1 g) = 13.5 W/kg; SAR(10 g) = 6.14 W/kg

Maximum value of SAR (measured) = 17.8 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

SystemPerformanceCheck-D2600-EX

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; $\epsilon_r = 51$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(6.65, 6.65, 6.65); Calibrated: 2015/7/24;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 1.0$, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2015/4/27
- Phantom: ELI v5.0; Type: ELI; Serial: TP:1111
- 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) = 16.4 W/kg

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

Reference Value = 83.620 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 29.5 W/kg

SAR(1 g) = 14.2 W/kg; SAR(10 g) = 6.35 W/kg

Maximum value of SAR (measured) = 18.8 W/kg

