

Test Laboratory: HUAWEI SAR/HAC Lab

**SystemPerformanceCheck-CD835\_ER3DV6**

**DUT: HAC-Dipole 835 MHz; Type: D835V3; Serial: SN:1149**

Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1

Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Phantom section: RF Section

DASY Configuration:

- Probe: ER3DV6 - SN2480; ConvF(1, 1, 1); Calibrated: 2012-1-4;
- Sensor-Surface: (Fix Surface), z = 4.7
- Electronics: DAE4 Sn913; Calibrated: 2011-12-23
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 1053
- DASY52 52.8.3(988); SEMCAD X 14.6.7(6848)

**Dipole E-Field measurement (E-field scan for ANSI C63.19-2007 compliance)/E Scan - measurement distance from the probe sensor center to CD835 = 10mm/Hearing Aid Compatibility Test at 10mm distance (41x361x1):** Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 121.1 V/m; Power Drift = 0.04 dB

PMF = 1.000 is applied.

E-field emissions = 159.1 V/m

**Near-field category: M4 (AWF 0 dB)**

PMF scaled E-field

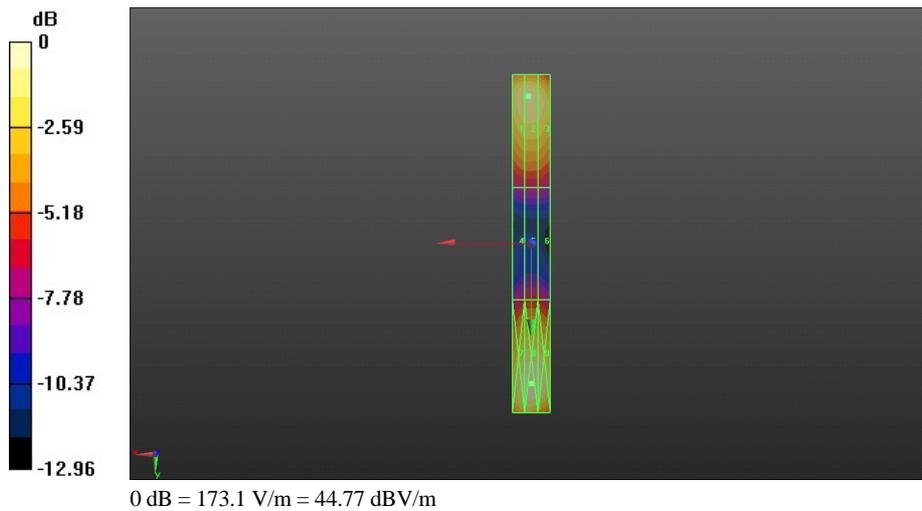
Grid 1 M4 <b>158.3 V/m</b>	Grid 2 M4 <b>159.1 V/m</b>	Grid 3 M4 <b>152.0 V/m</b>
Grid 4 M4 <b>83.40 V/m</b>	Grid 5 M4 <b>86.17 V/m</b>	Grid 6 M4 <b>83.66 V/m</b>
Grid 7 M4 <b>165.9 V/m</b>	Grid 8 M4 <b>173.1 V/m</b>	Grid 9 M4 <b>167.3 V/m</b>

**Cursor:**

Total = 173.1 V/m

E Category: M4

Location: 0, 74.5, 4.7 mm



Test Laboratory: HUAWEI SAR/HAC Lab

**SystemPerformanceCheck-CD1880\_ER3DV6**

**DUT: HAC Dipole 1880 MHz; Type: CD1880V3; Serial: SN:1135**

Communication System: CW; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Phantom section: RF Section

DASY Configuration:

- Probe: ER3DV6 - SN2480; ConvF(1, 1, 1); Calibrated: 2012-1-4;
- Sensor-Surface: (Fix Surface), z = 4.2
- Electronics: DAE4 Sn913; Calibrated: 2011-12-23
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 1053
- DASY52 52.8.3(988); SEMCAD X 14.6.7(6848)

**Dipole E-Field measurement (E-field scan for ANSI C63.19-2007 compliance)/E Scan - measurement distance from the probe sensor center to CD1880 Dipole = 10mm/Hearing Aid Compatibility Test (41x181x1):** Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 71.95 V/m; Power Drift = -0.03 dB

PMF = 1.000 is applied.

E-field emissions = 133.7 V/m

**Near-field category: M2 (AWF 0 dB)**

PMF scaled E-field

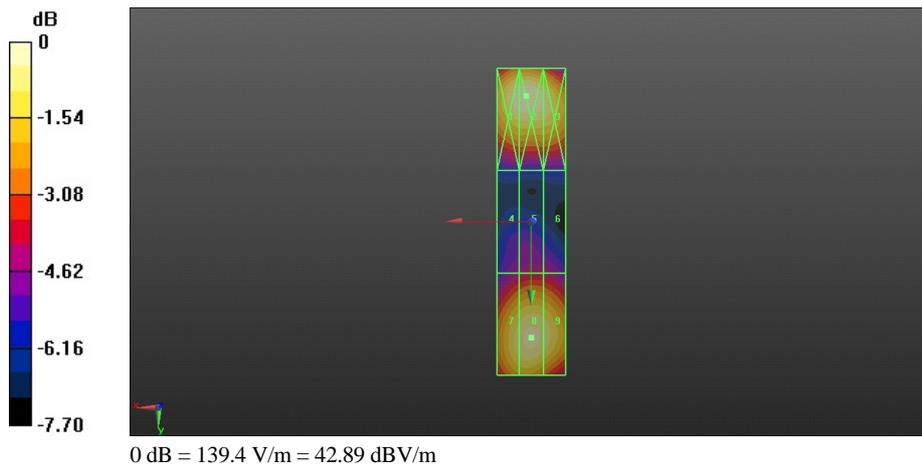
Grid 1 M2 <b>137.4 V/m</b>	Grid 2 M2 <b>139.4 V/m</b>	Grid 3 M2 <b>132.9 V/m</b>
Grid 4 M3 <b>84.10 V/m</b>	Grid 5 M3 <b>87.41 V/m</b>	Grid 6 M3 <b>85.83 V/m</b>
Grid 7 M2 <b>128.9 V/m</b>	Grid 8 M2 <b>133.7 V/m</b>	Grid 9 M2 <b>129.8 V/m</b>

**Cursor:**

Total = 139.4 V/m

E Category: M2

Location: 1.5, -37, 4.2 mm



Test Laboratory: HUAWEI SAR/HAC Lab

**SystemPerformanceCheck-CD835\_H3DV6**

**DUT: HAC-Dipole 835 MHz; Type: CD835V3; Serial: SN:1149**

Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1

Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Phantom section: RF Section

DASY Configuration:

- Probe: H3DV6 - SN6305; ; Calibrated: 2012-1-4
- Sensor-Surface: (Fix Surface), z = 4.7
- Electronics: DAE4 Sn913; Calibrated: 2011-12-23
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 1053
- DASY52 52.8.3(988); SEMCAD X 14.6.7(6848)

**Dipole H-Field measurement with H3DV6 probe (H-field scan for ANSI C63.19-2007 compliance)/H Scan - measurement distance from the probe sensor center to CD835 Dipole = 10mm/Hearing Aid Compatibility Test (41x361x1):** Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.4780 A/m; Power Drift = 0.00 dB

PMF = 1.000 is applied.

H-field emissions = 0.4511 A/m

**Near-field category: M4 (AWF 0 dB)**

PMF scaled H-field

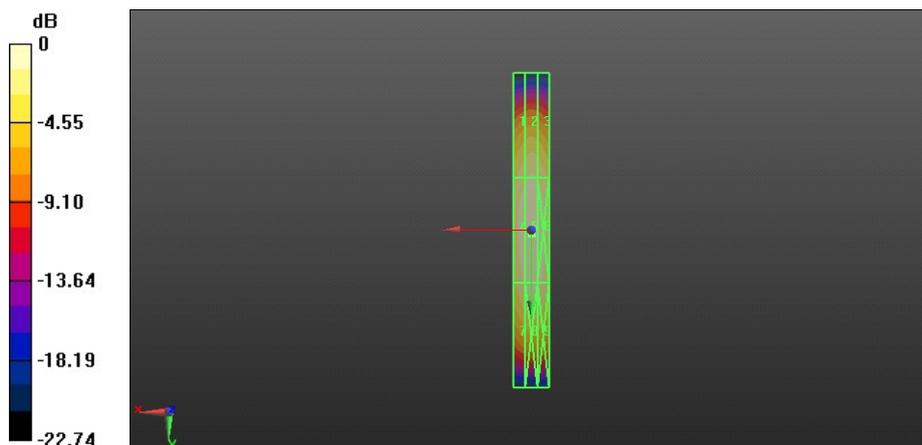
Grid 1 M4 <b>0.369 A/m</b>	Grid 2 M4 <b>0.389 A/m</b>	Grid 3 M4 <b>0.374 A/m</b>
Grid 4 M4 <b>0.426 A/m</b>	Grid 5 M4 <b>0.451 A/m</b>	Grid 6 M4 <b>0.438 A/m</b>
Grid 7 M4 <b>0.386 A/m</b>	Grid 8 M4 <b>0.415 A/m</b>	Grid 9 M4 <b>0.402 A/m</b>

**Cursor:**

Total = 0.4511 A/m

H Category: M4

Location: -0.5, 2, 4.7 mm



0 dB = 0.4511 A/m = -6.91 dBA/m

Test Laboratory: HUAWEI SAR/HAC Lab

**SystemPerformanceCheck-CD1880\_H3DV6**

**DUT: HAC Dipole 1880 MHz; Type: CD1880V3; Serial: SN:1135**

Communication System: CW; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Phantom section: RF Section

DASY Configuration:

- Probe: H3DV6 - SN6305; ; Calibrated: 2012-1-4
- Sensor-Surface: (Fix Surface), z = 4.7
- Electronics: DAE4 Sn913; Calibrated: 2011-12-23
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 1053
- DASY52 52.8.3(988); SEMCAD X 14.6.7(6848)

**Dipole H-Field measurement with H3DV6 probe (H-field scan for ANSI C63.19-2007 compliance)/H Scan - measurement distance from the probe sensor center to CD1880 Dipole = 10mm/Hearing Aid Compatibility Test (41x181x1):** Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.4620 A/m; Power Drift = 0.06 dB

PMF = 1.000 is applied.

H-field emissions = 0.4407 A/m

**Near-field category: M2 (AWF 0 dB)**

PMF scaled H-field

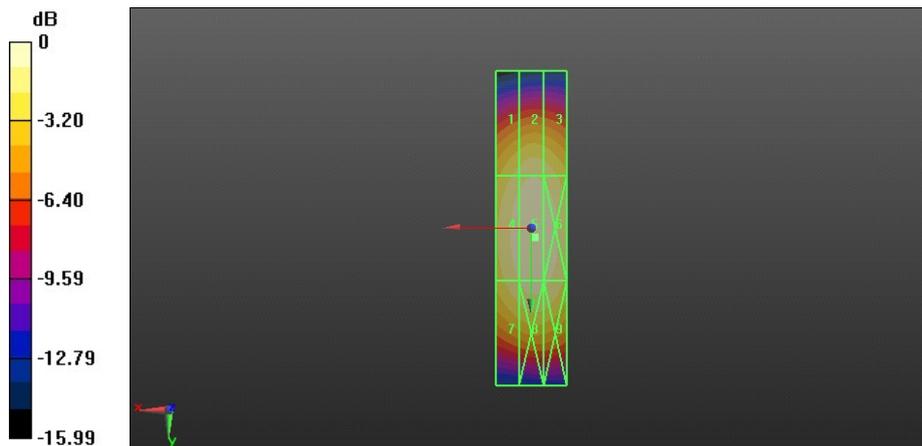
Grid 1 M2 <b>0.365 A/m</b>	Grid 2 M2 <b>0.387 A/m</b>	Grid 3 M2 <b>0.377 A/m</b>
Grid 4 M2 <b>0.416 A/m</b>	Grid 5 M2 <b>0.441 A/m</b>	Grid 6 M2 <b>0.431 A/m</b>
Grid 7 M2 <b>0.388 A/m</b>	Grid 8 M2 <b>0.413 A/m</b>	Grid 9 M2 <b>0.403 A/m</b>

**Cursor:**

Total = 0.4407 A/m

H Category: M2

Location: -1, 2.5, 4.7 mm



0 dB = 0.4407 A/m = -7.12 dBA/m