

Test Laboratory: HUAWEI SAR/HAC Lab

**SystemPerformanceCheck-CD835\_ER3DV6****DUT: HAC-Dipole 835 MHz; Type: D835V3; Serial: SN:1114**

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

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

Phantom section: RF Section

DASY Configuration:

- Probe: ER3DV6 - SN2441; ConvF(1, 1, 1); Calibrated: 2012-11-26;
- Sensor-Surface: (Fix Surface), z = 4.7
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 1053
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

**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 = 133.7 V/m; Power Drift = -0.01 dB

PMF = 1.000 is applied.

E-field emissions = 171.5 V/m

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

PMF scaled E-field

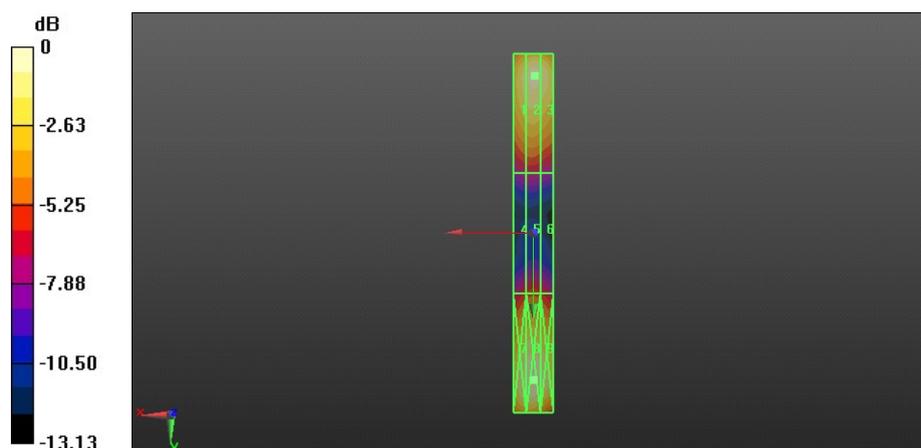
Grid 1 M4 160.9 V/m	Grid 2 M4 171.5 V/m	Grid 3 M4 165.4 V/m
Grid 4 M4 91.75 V/m	Grid 5 M4 95.32 V/m	Grid 6 M4 91.19 V/m
Grid 7 M4 174.4 V/m	Grid 8 M4 181.8 V/m	Grid 9 M4 171.4 V/m

**Cursor:**

Total = 181.8 V/m

E Category: M4

Location: 0, 73.5, 4.7 mm



0 dB = 181.8 V/m = 45.19 dBV/m

Test Laboratory: HUAWEI SAR/HAC Lab

**SystemPerformanceCheck-CD1880\_ER3DV6**

**DUT: HAC Dipole 1880 MHz; Type: CD1880V3; Serial: SN:1100**

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

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

Phantom section: RF Section

DASY Configuration:

- Probe: ER3DV6 - SN2441; ConvF(1, 1, 1); Calibrated: 2012-11-26;
- Sensor-Surface: (Fix Surface), z = 4.2
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 1053
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

**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 = 73.08 V/m; Power Drift = -0.01 dB

PMF = 1.000 is applied.

E-field emissions = 138.3 V/m

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

PMF scaled E-field

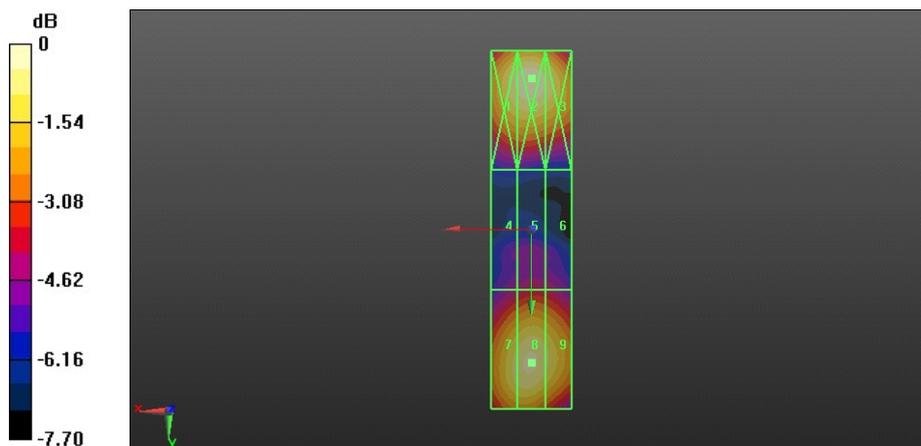
Grid 1 M2 138.9 V/m	Grid 2 M2 144.9 V/m	Grid 3 M2 137.0 V/m
Grid 4 M3 87.42 V/m	Grid 5 M3 92.13 V/m	Grid 6 M3 90.32 V/m
Grid 7 M2 133.2 V/m	Grid 8 M2 138.3 V/m	Grid 9 M2 131.5 V/m

**Cursor:**

Total = 144.9 V/m

E Category: M2

Location: 0, -38, 4.2 mm



0 dB = 144.9 V/m = 43.22 dBV/m

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**SystemPerformanceCheck-CD835\_H3DV6**

**DUT: HAC-Dipole 835 MHz; Type: CD835V3; Serial: SN:1114**

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

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

Phantom section: RF Section

DASY Configuration:

- Probe: H3DV6 - SN6270; ; Calibrated: 2012-11-26
- Sensor-Surface: (Fix Surface), z = 4.7
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 1053
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

**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 = 0.4880 A/m; Power Drift = -0.02 dB

PMF = 1.000 is applied.

H-field emissions = 0.4645 A/m

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

PMF scaled H-field

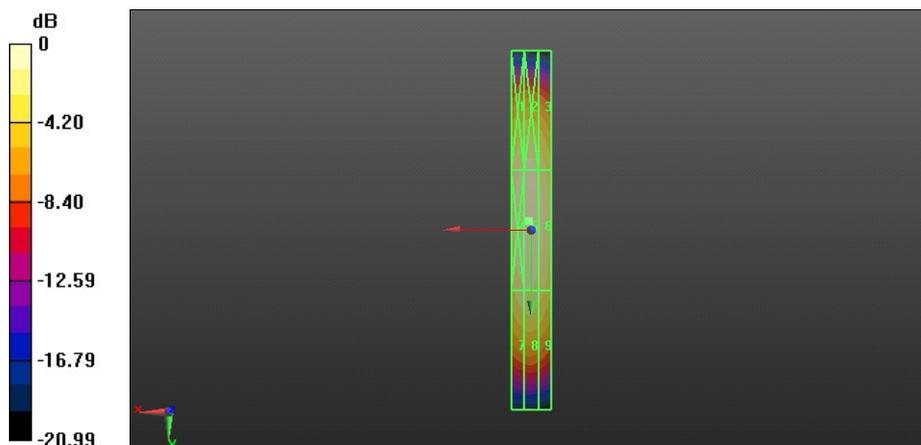
Grid 1 M4 <b>0.413 A/m</b>	Grid 2 M4 <b>0.422 A/m</b>	Grid 3 M4 <b>0.389 A/m</b>
Grid 4 M4 <b>0.455 A/m</b>	Grid 5 M4 <b>0.465 A/m</b>	Grid 6 M4 <b>0.429 A/m</b>
Grid 7 M4 <b>0.388 A/m</b>	Grid 8 M4 <b>0.397 A/m</b>	Grid 9 M4 <b>0.369 A/m</b>

**Cursor:**

Total = 0.4645 A/m

H Category: M4

Location: 1, -4.5, 4.7 mm



0 dB = 0.4645 A/m = -6.66 dBA/m

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**SystemPerformanceCheck-CD1880\_H3DV6**

**DUT: HAC Dipole 1880 MHz; Type: CD1880V3; Serial: SN:1100**

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

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

Phantom section: RF Section

DASY Configuration:

- Probe: H3DV6 - SN6270; ; Calibrated: 2012-11-26
- Sensor-Surface: (Fix Surface), z = 4.7
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 1053
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

**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 = 0.4650 A/m; Power Drift = -0.02 dB

PMF = 1.000 is applied.

H-field emissions = 0.4439 A/m

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

PMF scaled H-field

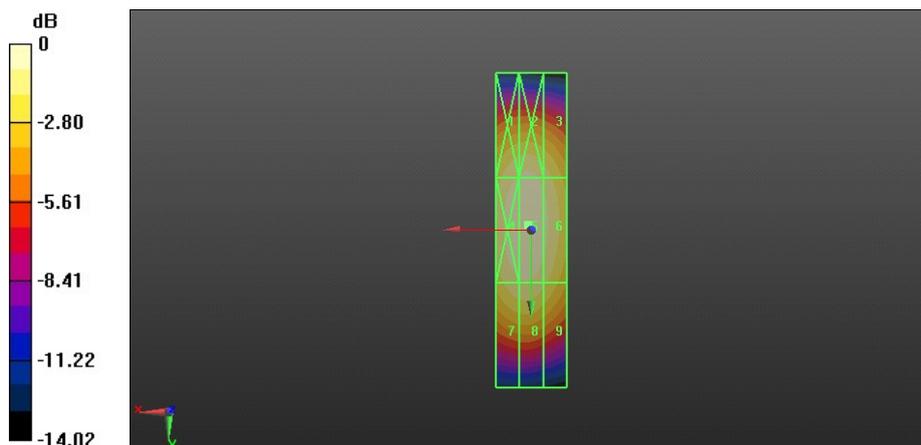
Grid 1 M2 <b>0.403 A/m</b>	Grid 2 M2 <b>0.410 A/m</b>	Grid 3 M2 <b>0.383 A/m</b>
Grid 4 M2 <b>0.437 A/m</b>	Grid 5 M2 <b>0.444 A/m</b>	Grid 6 M2 <b>0.413 A/m</b>
Grid 7 M2 <b>0.391 A/m</b>	Grid 8 M2 <b>0.396 A/m</b>	Grid 9 M2 <b>0.366 A/m</b>

**Cursor:**

Total = 0.4439 A/m

H Category: M2

Location: 1, -1.5, 4.7 mm



0 dB = 0.4439 A/m = -7.05 dBA/m