

Test Laboratory: HUAWEI SAR/HAC Lab

SystemPerformanceCheck-CD835_ER3DV6

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

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

Medium parameters used: $\sigma = 0 \text{ S/m}$, $\epsilon_r = 1$; $\rho = 0 \text{ kg/m}^3$

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 = 141.9 V/m; Power Drift = 0.01 dB

PMF = 1.000 is applied.

E-field emissions = 173.3 V/m

Near-field category: M4 (AWF 0 dB)

PMF scaled E-field

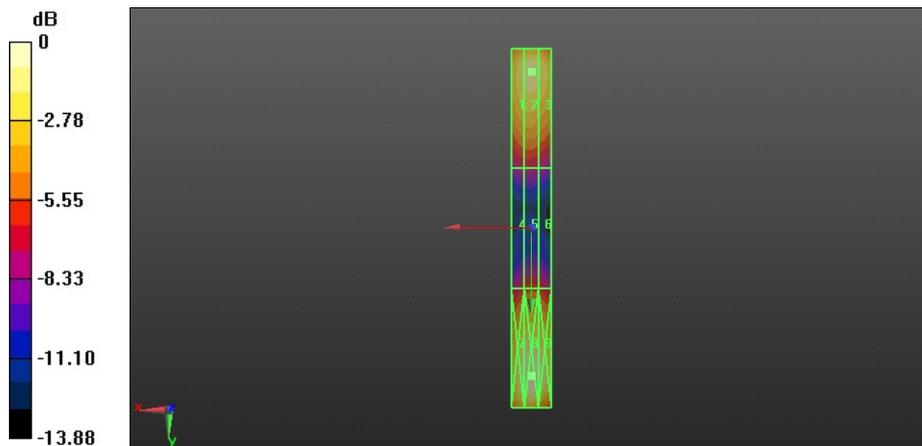
Grid 1 M4 165.3 V/m	Grid 2 M4 173.3 V/m	Grid 3 M4 165.7 V/m
Grid 4 M4 95.11 V/m	Grid 5 M4 99.90 V/m	Grid 6 M4 95.78 V/m
Grid 7 M4 185.9 V/m	Grid 8 M4 197.9 V/m	Grid 9 M4 187.7 V/m

Cursor:

Total = 197.9 V/m

E Category: M4

Location: 0, 74, 4.7 mm



0 dB = 197.9 V/m = 45.93 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: $\sigma = 0 \text{ S/m}$, $\epsilon_r = 1$; $\rho = 0 \text{ kg/m}^3$

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 = 76.91 V/m; Power Drift = 0.00 dB

PMF = 1.000 is applied.

E-field emissions = 145.7 V/m

Near-field category: M2 (AWF 0 dB)

PMF scaled E-field

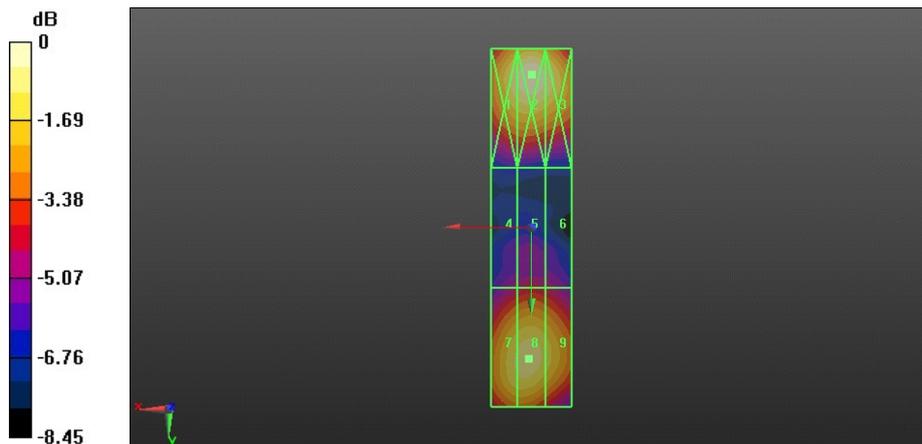
Grid 1 M2 150.3 V/m	Grid 2 M2 159.7 V/m	Grid 3 M2 151.0 V/m
Grid 4 M3 93.26 V/m	Grid 5 M3 97.55 V/m	Grid 6 M3 94.45 V/m
Grid 7 M2 142.4 V/m	Grid 8 M2 145.7 V/m	Grid 9 M2 137.3 V/m

Cursor:

Total = 159.7 V/m

E Category: M2

Location: 0, -38.5, 4.2 mm



0 dB = 159.7 V/m = 44.06 dBV/m

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SystemPerformanceCheck-CD835_H3DV6

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

Medium parameters used: $\sigma = 0 \text{ S/m}$, $\epsilon_r = 1$; $\rho = 0 \text{ kg/m}^3$

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: $dx=0.5000 \text{ mm}$, $dy=0.5000 \text{ mm}$

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.5150 A/m; Power Drift = -0.02 dB

PMF = 1.000 is applied.

H-field emissions = 0.4846 A/m

Near-field category: M4 (AWF 0 dB)

PMF scaled H-field

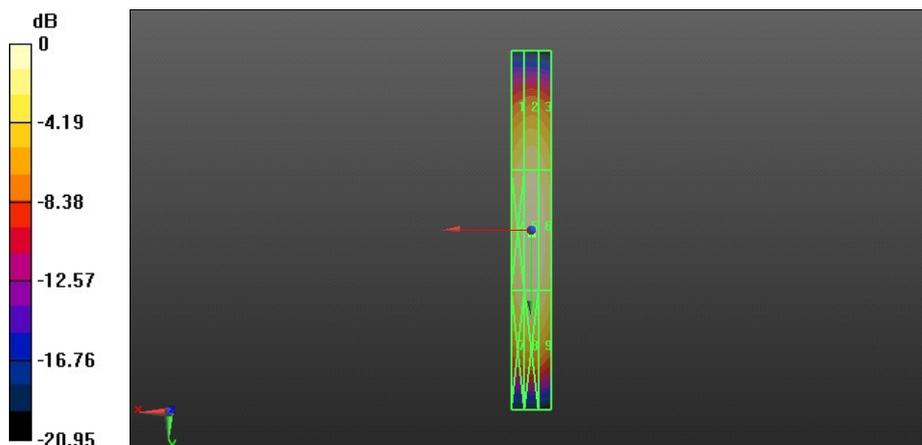
Grid 1 M4 0.397 A/m	Grid 2 M4 0.417 A/m	Grid 3 M4 0.399 A/m
Grid 4 M4 0.462 A/m	Grid 5 M4 0.485 A/m	Grid 6 M4 0.461 A/m
Grid 7 M4 0.415 A/m	Grid 8 M4 0.438 A/m	Grid 9 M4 0.415 A/m

Cursor:

Total = 0.4846 A/m

H Category: M4

Location: 0, 1.5, 4.7 mm



0 dB = 0.4846 A/m = -6.29 dBA/m

Test Laboratory: HUAWEI SAR/HAC Lab

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: $\sigma = 0 \text{ S/m}$, $\epsilon_r = 1$; $\rho = 0 \text{ kg/m}^3$

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
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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: $dx=0.5000 \text{ mm}$, $dy=0.5000 \text{ mm}$

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.4810 A/m; Power Drift = -0.05 dB

PMF = 1.000 is applied.

H-field emissions = 0.4565 A/m

Near-field category: M2 (AWF 0 dB)

PMF scaled H-field

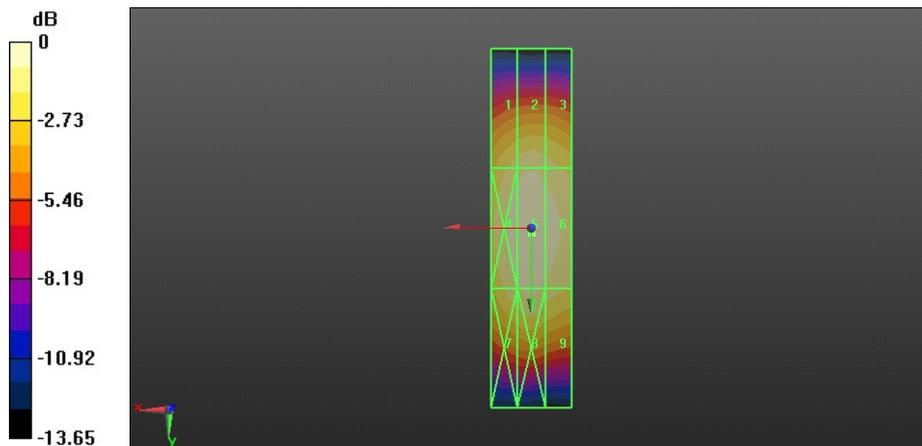
Grid 1 M2 0.391 A/m	Grid 2 M2 0.407 A/m	Grid 3 M2 0.391 A/m
Grid 4 M2 0.438 A/m	Grid 5 M2 0.457 A/m	Grid 6 M2 0.434 A/m
Grid 7 M2 0.406 A/m	Grid 8 M2 0.424 A/m	Grid 9 M2 0.398 A/m

Cursor:

Total = 0.4565 A/m

H Category: M2

Location: 0, 1, 4.7 mm



0 dB = 0.4565 A/m = -6.81 dBA/m