

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/m³

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 = 140.3 V/m; Power Drift = 0.06 dB

PMF = 1.000 is applied.

E-field emissions = 158.6 V/m

Near-field category: M4 (AWF 0 dB)

PMF scaled E-field

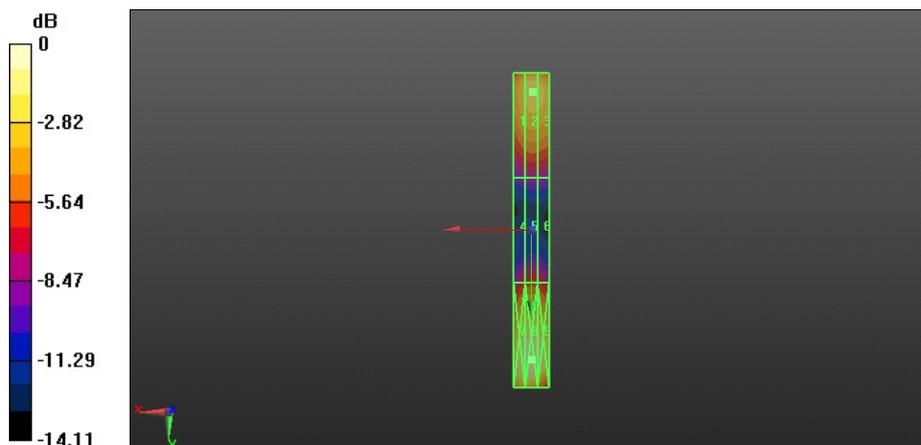
Grid 1 M4 150.4 V/m	Grid 2 M4 158.6 V/m	Grid 3 M4 155.7 V/m
Grid 4 M4 94.50 V/m	Grid 5 M4 98.75 V/m	Grid 6 M4 95.47 V/m
Grid 7 M4 193.3 V/m	Grid 8 M3 199.7 V/m	Grid 9 M4 191.0 V/m

Cursor:

Total = 199.7 V/m

E Category: M3

Location: 0, 74, 4.7 mm



0 dB = 199.7 V/m = 46.01 dBV/m

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/m³

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 = 74.77 V/m; Power Drift = -0.01 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 141.4 V/m

Near-field category: M2 (AWF 0 dB)

PMF scaled E-field

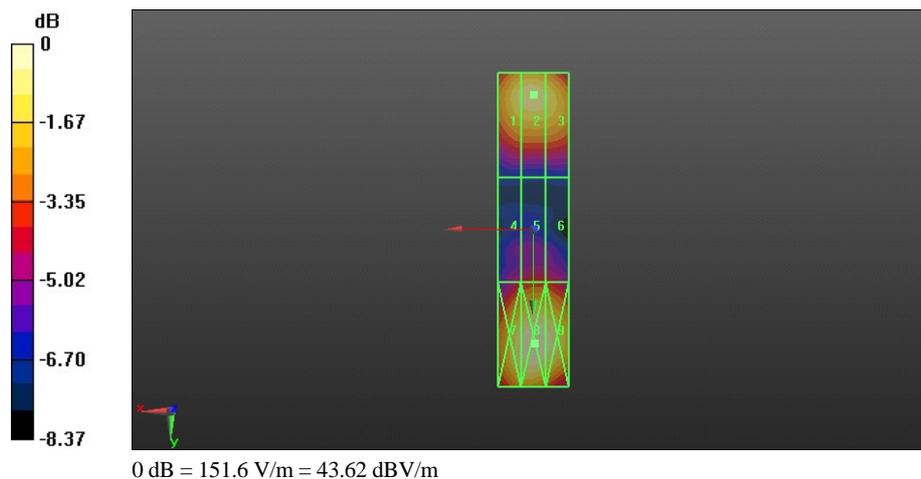
Grid 1 M2 137.0 V/m	Grid 2 M2 141.4 V/m	Grid 3 M2 135.6 V/m
Grid 4 M3 92.65 V/m	Grid 5 M3 99.10 V/m	Grid 6 M3 97.14 V/m
Grid 7 M2 142.6 V/m	Grid 8 M2 151.6 V/m	Grid 9 M2 147.4 V/m

Cursor:

Total = 151.6 V/m

E Category: M2

Location: -0.5, 32.5, 4.2 mm



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

Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 0$ kg/m³

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 = 0.4950 A/m; Power Drift = -0.02 dB

PMF = 1.000 is applied.

H-field emissions = 0.4689 A/m

Near-field category: M4 (AWF 0 dB)

PMF scaled H-field

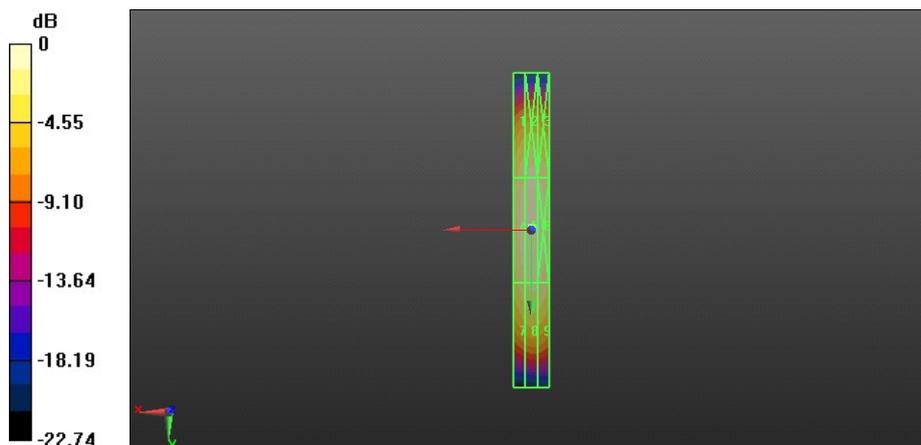
Grid 1 M4 0.394 A/m	Grid 2 M4 0.422 A/m	Grid 3 M4 0.406 A/m
Grid 4 M4 0.439 A/m	Grid 5 M4 0.469 A/m	Grid 6 M4 0.455 A/m
Grid 7 M4 0.386 A/m	Grid 8 M4 0.417 A/m	Grid 9 M4 0.404 A/m

Cursor:

Total = 0.4689 A/m

H Category: M4

Location: -0.5, -1.5, 4.7 mm



0 dB = 0.4689 A/m = -6.58 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/m³

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 = 0.4540 A/m; Power Drift = 0.04 dB

PMF = 1.000 is applied.

H-field emissions = 0.4323 A/m

Near-field category: M2 (AWF 0 dB)

PMF scaled H-field

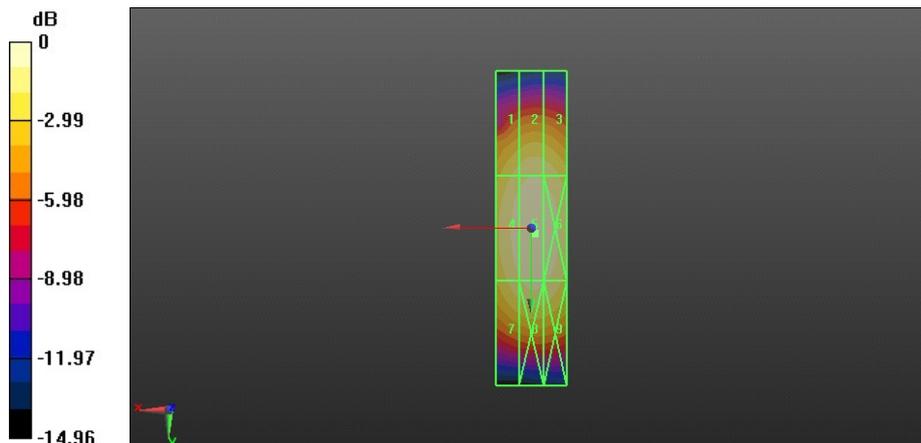
Grid 1 M2 0.365 A/m	Grid 2 M2 0.386 A/m	Grid 3 M2 0.378 A/m
Grid 4 M2 0.410 A/m	Grid 5 M2 0.432 A/m	Grid 6 M2 0.424 A/m
Grid 7 M2 0.378 A/m	Grid 8 M2 0.403 A/m	Grid 9 M2 0.392 A/m

Cursor:

Total = 0.4323 A/m

H Category: M2

Location: -1, 1.5, 4.7 mm



0 dB = 0.4323 A/m = -7.28 dBA/m