

Test Laboratory: HUAWEI SAR/HAC Lab

SystemPerformanceCheck-CD835_ER3DV6

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/m³
Phantom section: RF Section

DASY Configuration:

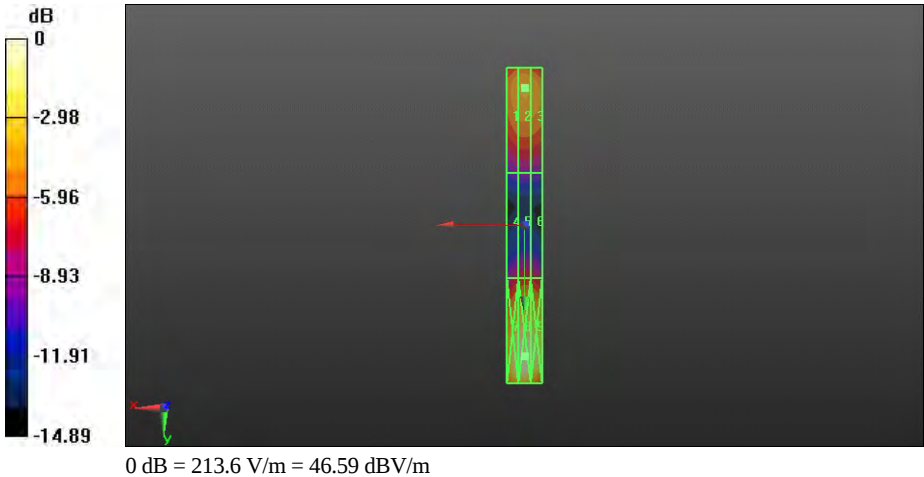
- Probe: ER3DV6 - SN2480; ConvF(1, 1, 1); Calibrated: 2012-1-4;
- Sensor-Surface: (Fix Surface), z = 4.7
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 1053
- DASY52 52.8.3(988); SEMCAD X 14.6.7(6848)

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 = 142.4 V/m; Power Drift = -0.06 dB
PMF = 1.000 is applied.
E-field emissions = 138.1 V/m
Near-field category: M4 (AWF 0 dB)

PMF scaled E-field

Grid 1 M4 134.7 V/m	Grid 2 M4 138.1 V/m	Grid 3 M4 134.9 V/m
Grid 4 M4 92.57 V/m	Grid 5 M4 97.81 V/m	Grid 6 M4 95.76 V/m
Grid 7 M4 199.0 V/m	Grid 8 M3 213.6 V/m	Grid 9 M3 205.7 V/m

Cursor:
Total = 213.6 V/m
E Category: M3
Location: -0.5, 74.5, 4.7 mm



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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/m³
Phantom section: RF Section

DASY Configuration:

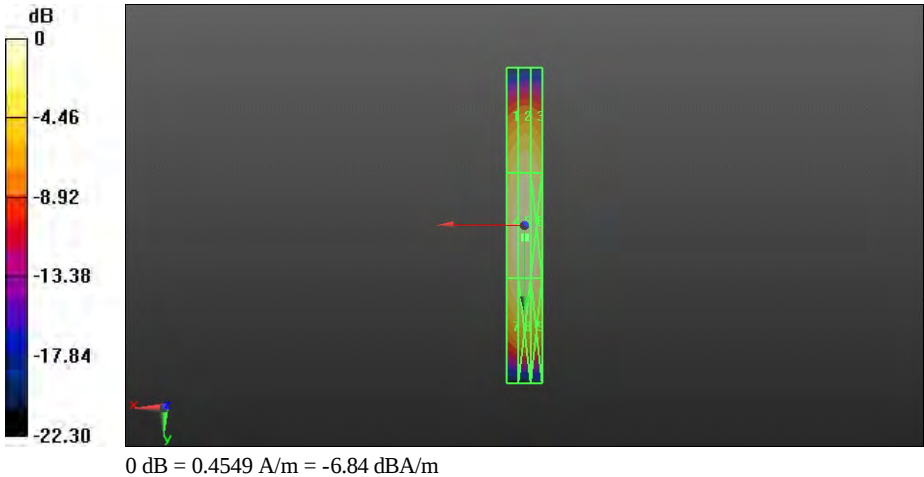
- Probe: H3DV6 - SN6305; ; Calibrated: 2012-1-4
- Sensor-Surface: (Fix Surface), z = 4.7
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 1053
- DASY52 52.8.3(988); SEMCAD X 14.6.7(6848)

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 = 0.4830 A/m; Power Drift = -0.05 dB
PMF = 1.000 is applied.
H-field emissions = 0.4549 A/m
Near-field category: M4 (AWF 0 dB)

PMF scaled H-field

Grid 1 M4 0.363 A/m	Grid 2 M4 0.385 A/m	Grid 3 M4 0.375 A/m
Grid 4 M4 0.427 A/m	Grid 5 M4 0.455 A/m	Grid 6 M4 0.443 A/m
Grid 7 M4 0.393 A/m	Grid 8 M4 0.424 A/m	Grid 9 M4 0.410 A/m

Cursor:
Total = 0.4549 A/m
H Category: M4
Location: -0.5, 7, 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/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 Sn852; Calibrated: 2012-11-22
- 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 = 74.06 V/m; Power Drift = -0.00 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 139.0 V/m

Near-field category: M2 (AWF 0 dB)

PMF scaled E-field

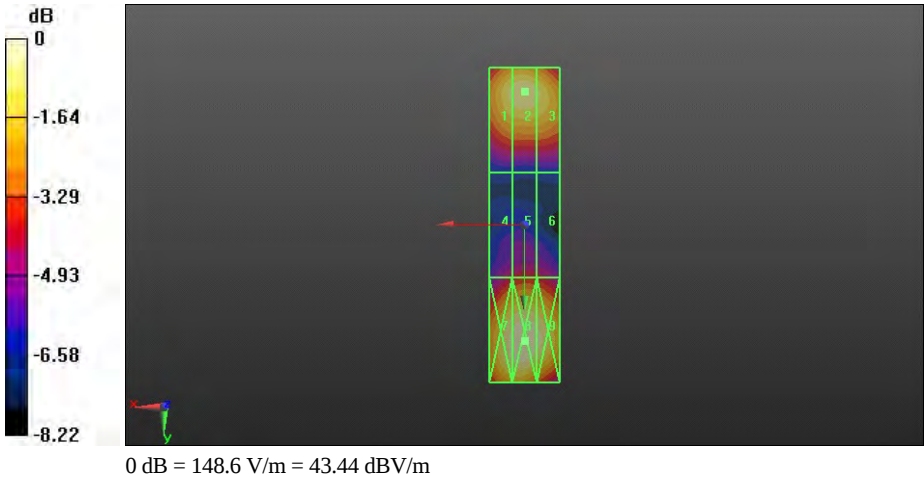
Grid 1 M2	Grid 2 M2	Grid 3 M2
134.9 V/m	139.0 V/m	133.7 V/m
Grid 4 M3	Grid 5 M3	Grid 6 M3
92.01 V/m	96.48 V/m	94.02 V/m
Grid 7 M2	Grid 8 M2	Grid 9 M2
143.7 V/m	148.6 V/m	143.5 V/m

Cursor:

Total = 148.6 V/m

E Category: M2

Location: 0, 33, 4.2 mm



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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 Sn852; Calibrated: 2012-11-22
- 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 = 0.4520 A/m; Power Drift = 0.07 dB

PMF = 1.000 is applied.

H-field emissions = 0.4317 A/m

Near-field category: M2 (AWF 0 dB)

PMF scaled H-field

Grid 1 M2 0.365 A/m	Grid 2 M2 0.387 A/m	Grid 3 M2 0.378 A/m
Grid 4 M2 0.408 A/m	Grid 5 M2 0.432 A/m	Grid 6 M2 0.422 A/m
Grid 7 M2 0.376 A/m	Grid 8 M2 0.399 A/m	Grid 9 M2 0.388 A/m

Cursor:

Total = 0.4317 A/m

H Category: M2

Location: -1, 1.5, 4.7 mm

