

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

DASY Configuration:

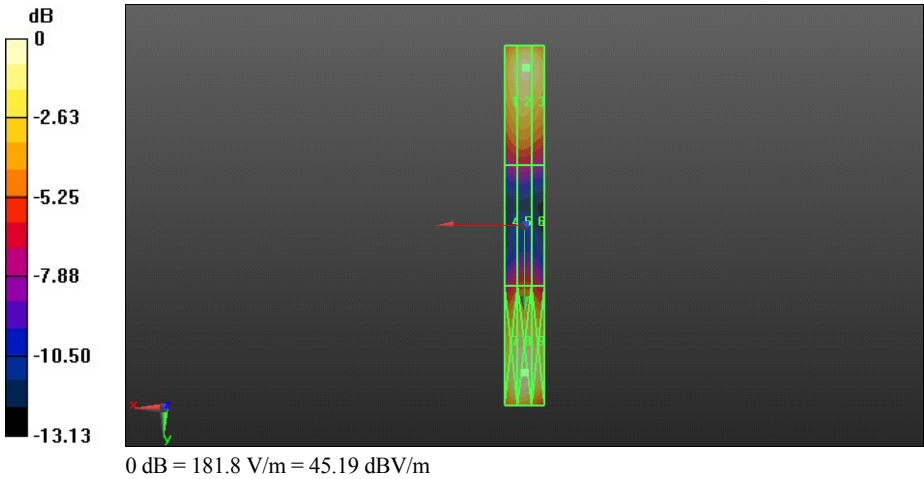
- Probe: ER3DV6 - SN2441; ConvF(1, 1, 1); Calibrated: 2012-11-26;
- Sensor-Surface: (Fix Surface), $z = 4.7$
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 1053
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

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



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

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

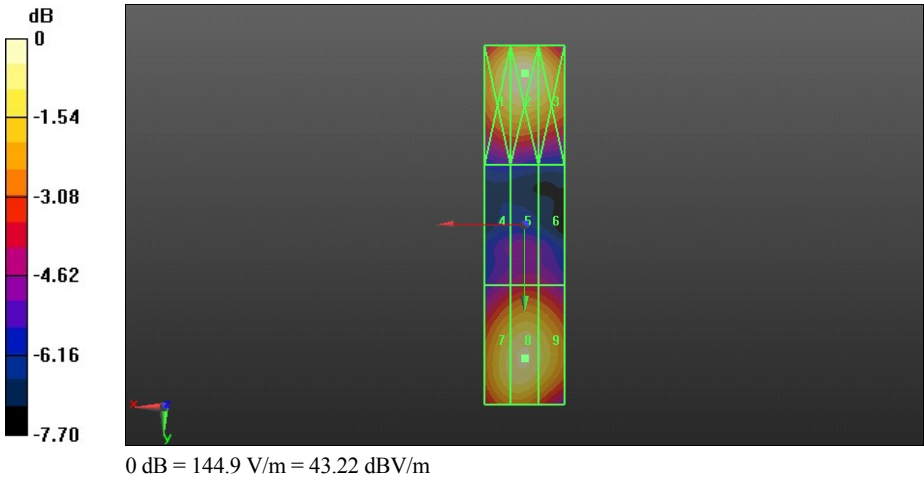
Grid 1 M2	Grid 2 M2	Grid 3 M2
138.9 V/m	144.9 V/m	137.0 V/m
Grid 4 M3	Grid 5 M3	Grid 6 M3
87.42 V/m	92.13 V/m	90.32 V/m
Grid 7 M2	Grid 8 M2	Grid 9 M2
133.2 V/m	138.3 V/m	131.5 V/m

Cursor:

Total = 144.9 V/m

E Category: M2

Location: 0, -38, 4.2 mm



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

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 = 0.4880 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

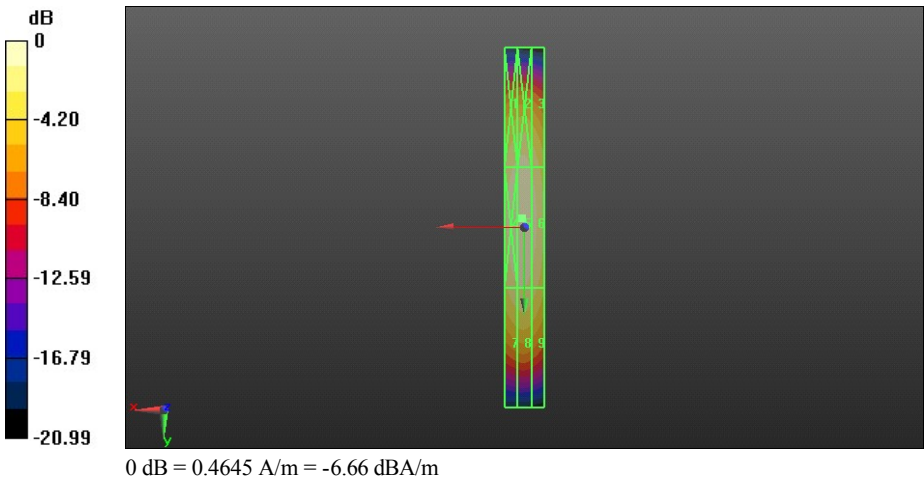
Grid 1 M4 0.413 A/m	Grid 2 M4 0.422 A/m	Grid 3 M4 0.389 A/m
Grid 4 M4 0.455 A/m	Grid 5 M4 0.465 A/m	Grid 6 M4 0.429 A/m
Grid 7 M4 0.388 A/m	Grid 8 M4 0.397 A/m	Grid 9 M4 0.369 A/m

Cursor:

Total = 0.4645 A/m

H Category: M4

Location: 1, -4.5, 4.7 mm



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: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 0$ kg/m³
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 0.403 A/m	Grid 2 M2 0.410 A/m	Grid 3 M2 0.383 A/m
Grid 4 M2 0.437 A/m	Grid 5 M2 0.444 A/m	Grid 6 M2 0.413 A/m
Grid 7 M2 0.391 A/m	Grid 8 M2 0.396 A/m	Grid 9 M2 0.366 A/m

Cursor:
Total = 0.4439 A/m
H Category: M2
Location: 1, -1.5, 4.7 mm

