

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 Sn852; Calibrated: 2011-11-16
- 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 = 127.6 V/m; Power Drift = 0.05 dB

PMF = 1.000 is applied.

E-field emissions = 179.1 V/m

Near-field category: M4 (AWF 0 dB)

PMF scaled E-field

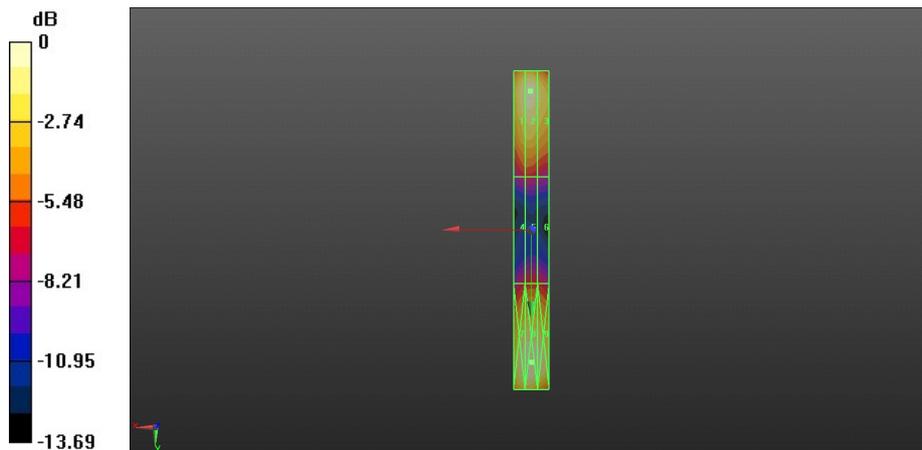
| | | |
|-------------------------------|-------------------------------|-------------------------------|
| Grid 1 M4 171.3 V/m | Grid 2 M4 179.1 V/m | Grid 3 M4 159.3 V/m |
| Grid 4 M4 87.95 V/m | Grid 5 M4 91.35 V/m | Grid 6 M4 88.57 V/m |
| Grid 7 M4 180.2 V/m | Grid 8 M4 185.4 V/m | Grid 9 M4 177.9 V/m |

Cursor:

Total = 185.4 V/m

E Category: M4

Location: 0, 74.5, 4.7 mm



0 dB = 185.4 V/m = 45.36 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 Sn852; Calibrated: 2011-11-16
- 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 = 72.83 V/m; Power Drift = -0.00 dB

PMF = 1.000 is applied.

E-field emissions = 132.8 V/m

Near-field category: M2 (AWF 0 dB)

PMF scaled E-field

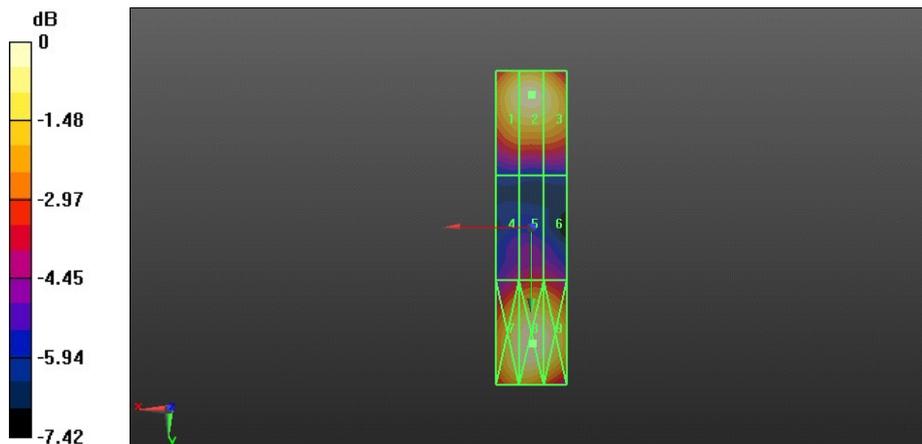
| | | |
|-------------------------------|-------------------------------|-------------------------------|
| Grid 1 M2 129.2 V/m | Grid 2 M2 132.8 V/m | Grid 3 M2 127.7 V/m |
| Grid 4 M3 86.17 V/m | Grid 5 M3 90.71 V/m | Grid 6 M3 89.22 V/m |
| Grid 7 M2 130.6 V/m | Grid 8 M2 135.7 V/m | Grid 9 M2 132.1 V/m |

Cursor:

Total = 135.7 V/m

E Category: M2

Location: -0.5, 33, 4.2 mm



0 dB = 135.7 V/m = 42.65 dBV/m

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SystemPerformanceCheck-CD835_H3DV6

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: 2011-11-16
- 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 = 0.4540 A/m; Power Drift = -0.04 dB

PMF = 1.000 is applied.

H-field emissions = 0.4322 A/m

Near-field category: M4 (AWF 0 dB)

PMF scaled H-field

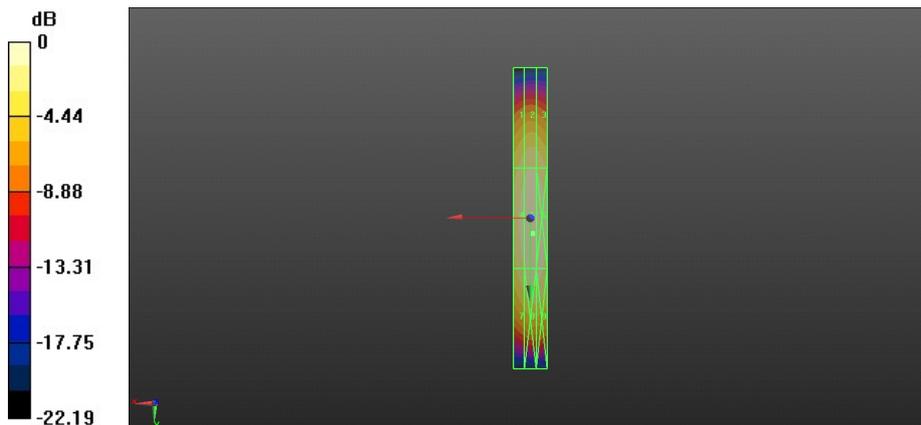
| | | |
|-------------------------------|-------------------------------|-------------------------------|
| Grid 1 M4 0.346 A/m | Grid 2 M4 0.368 A/m | Grid 3 M4 0.359 A/m |
| Grid 4 M4 0.401 A/m | Grid 5 M4 0.432 A/m | Grid 6 M4 0.426 A/m |
| Grid 7 M4 0.365 A/m | Grid 8 M4 0.403 A/m | Grid 9 M4 0.398 A/m |

Cursor:

Total = 0.4322 A/m

H Category: M4

Location: -1.5, 9, 4.7 mm



0 dB = 0.4322 A/m = -7.29 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 Sn852; Calibrated: 2011-11-16
- 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 = 0.4470 A/m; Power Drift = 0.04 dB

PMF = 1.000 is applied.

H-field emissions = 0.4267 A/m

Near-field category: M2 (AWF 0 dB)

PMF scaled H-field

| | | |
|-------------------------------|-------------------------------|-------------------------------|
| Grid 1 M2 0.353 A/m | Grid 2 M2 0.382 A/m | Grid 3 M2 0.375 A/m |
| Grid 4 M2 0.397 A/m | Grid 5 M2 0.427 A/m | Grid 6 M2 0.421 A/m |
| Grid 7 M2 0.365 A/m | Grid 8 M2 0.396 A/m | Grid 9 M2 0.390 A/m |

Cursor:

Total = 0.4267 A/m

H Category: M2

Location: -1.5, 1, 4.7 mm

