

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: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 0$ kg/m³

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 Sn1305; Calibrated: 2013-1-8
- 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 = 119.0 V/m; Power Drift = -0.03 dB

PMF = 1.000 is applied.

E-field emissions = 150.6 V/m

Near-field category: M4 (AWF 0 dB)

PMF scaled E-field

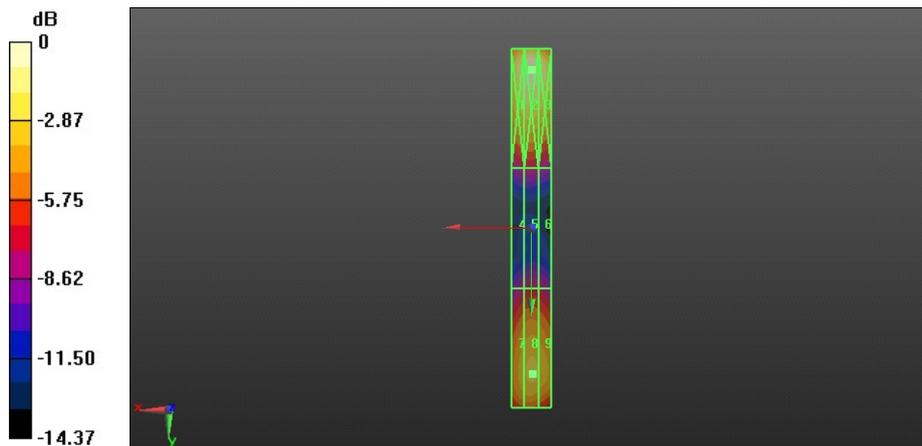
| | | |
|-------------------------------|-------------------------------|-------------------------------|
| Grid 1 M4 190.9 V/m | Grid 2 M3 203.3 V/m | Grid 3 M4 191.3 V/m |
| Grid 4 M4 83.28 V/m | Grid 5 M4 86.30 V/m | Grid 6 M4 83.77 V/m |
| Grid 7 M4 143.6 V/m | Grid 8 M4 150.6 V/m | Grid 9 M4 145.9 V/m |

Cursor:

Total = 203.3 V/m

E Category: M3

Location: 0, -79.5, 4.7 mm



0 dB = 203.3 V/m = 46.16 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: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 0$ kg/m³

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 Sn1305; Calibrated: 2013-1-8
- 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 = 74.66 V/m; Power Drift = -0.02 dB

PMF = 1.000 is applied.

E-field emissions = 134.4 V/m

Near-field category: M2 (AWF 0 dB)

PMF scaled E-field

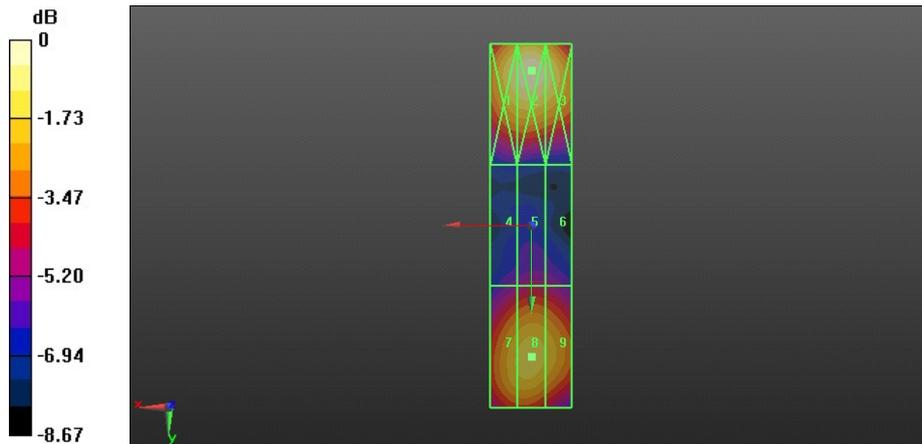
| | | |
|------------------------|------------------------|------------------------|
| Grid 1 M2 148.4 V/m | Grid 2 M2 156.9 V/m | Grid 3 M2 146.7 V/m |
| Grid 4 M3 86.00 V/m | Grid 5 M3 90.95 V/m | Grid 6 M3 88.99 V/m |
| Grid 7 M2 129.8 V/m | Grid 8 M2 134.4 V/m | Grid 9 M2 128.5 V/m |

Cursor:

Total = 156.9 V/m

E Category: M2

Location: 0, -38.5, 4.2 mm



0 dB = 156.9 V/m = 43.91 dBV/m

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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 Sn1305; Calibrated: 2013-1-8
- 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 = 0.4770 A/m; Power Drift = -0.03 dB

PMF = 1.000 is applied.

H-field emissions = 0.4508 A/m

Near-field category: M4 (AWF 0 dB)

PMF scaled H-field

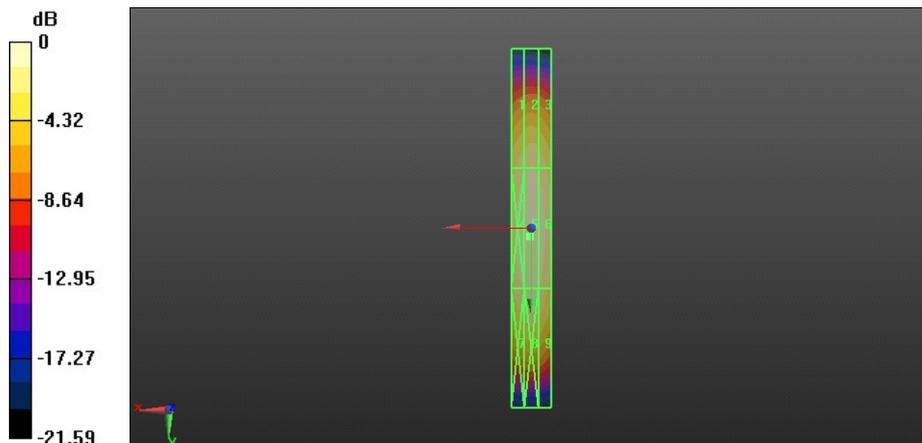
| | | |
|-------------------------------|-------------------------------|-------------------------------|
| Grid 1 M4 0.369 A/m | Grid 2 M4 0.388 A/m | Grid 3 M4 0.369 A/m |
| Grid 4 M4 0.433 A/m | Grid 5 M4 0.451 A/m | Grid 6 M4 0.426 A/m |
| Grid 7 M4 0.393 A/m | Grid 8 M4 0.411 A/m | Grid 9 M4 0.386 A/m |

Cursor:

Total = 0.4508 A/m

H Category: M4

Location: 0.5, 4, 4.7 mm



0 dB = 0.4508 A/m = -6.92 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 Sn1305; Calibrated: 2013-1-8
- 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 = 0.4580 A/m; Power Drift = -0.01 dB

PMF = 1.000 is applied.

H-field emissions = 0.4346 A/m

Near-field category: M2 (AWF 0 dB)

PMF scaled H-field

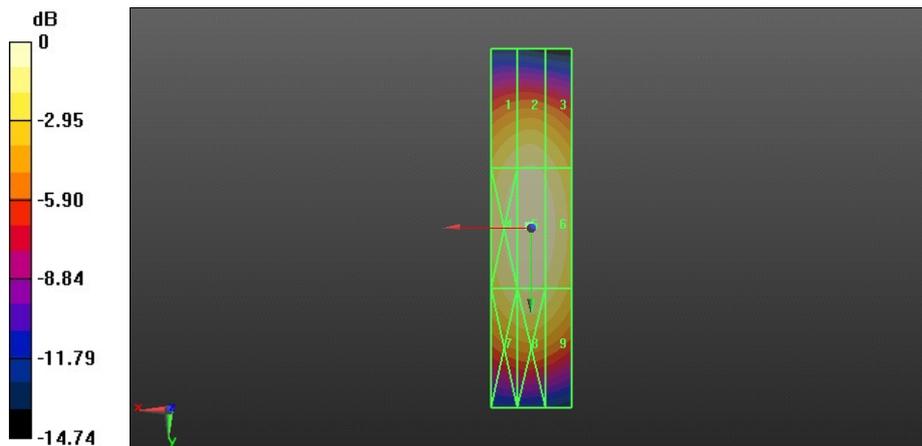
| | | |
|-------------------------------|-------------------------------|-------------------------------|
| Grid 1 M2 0.383 A/m | Grid 2 M2 0.396 A/m | Grid 3 M2 0.376 A/m |
| Grid 4 M2 0.420 A/m | Grid 5 M2 0.435 A/m | Grid 6 M2 0.415 A/m |
| Grid 7 M2 0.383 A/m | Grid 8 M2 0.397 A/m | Grid 9 M2 0.376 A/m |

Cursor:

Total = 0.4346 A/m

H Category: M2

Location: 0.5, -0.5, 4.7 mm



0 dB = 0.4346 A/m = -7.24 dBA/m