

Test Laboratory: HUAWEI SAR Lab

SystemPerformanceCheck-CD835_ER3DV6

DUT: HAC-Dipole 835 MHz; Type: CD835V3; Serial: 1114

Communication System: CW; Frequency: 835 MHz

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2441; ConvF(1, 1, 1); Calibrated: 11/11/2011
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, V52.8 Build 1; SEMCAD X Version 14.0 Build 57

Dipole E-Field measurement/E Scan - measurement distance from the probe sensor center to CD835

Dipole = 10mm/Hearing Aid Compatibility Test (41x361x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 163.4 V/m

Probe Modulation Factor = 1

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 128.9 V/m; Power Drift = -0.068 dB

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

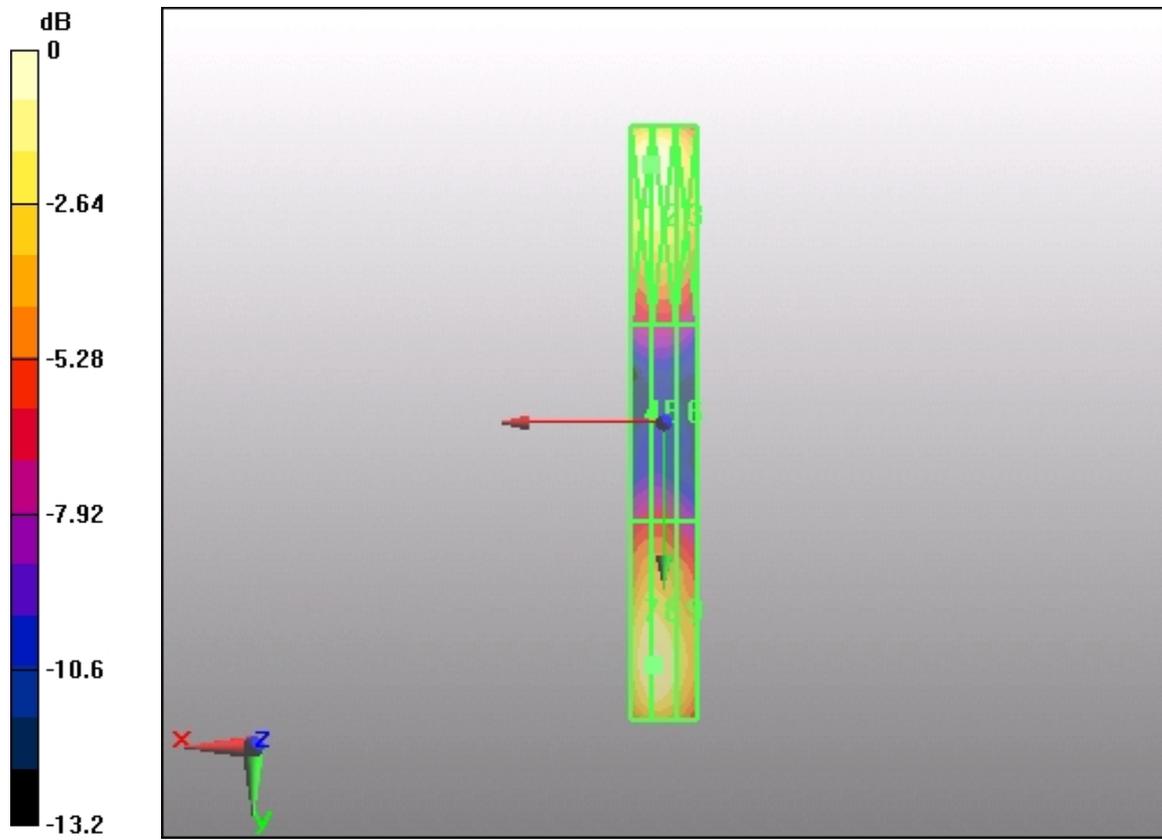
| | | |
|---------------------------|---------------------------|---------------------------|
| Grid 1 177.6 M4 | Grid 2 177.6 M4 | Grid 3 154.7 M4 |
| Grid 4 87.2 M4 | Grid 5 88.5 M4 | Grid 6 78.5 M4 |
| Grid 7 163.2 M4 | Grid 8 163.4 M4 | Grid 9 145.1 M4 |

Cursor:

Total = 177.6 V/m

E Category: M4

Location: 3.5, -78.5, 4.7 mm



0 dB = 177.6V/m

Test Laboratory: HUAWEI SAR Lab

SystemPerformanceCheck-CD1880_ER3DV6**DUT: HAC Dipole 1880 MHz; Type: CD1880V3; Serial: 1100**

Communication System: CW; Frequency: 1880 MHz

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2441; ConvF(1, 1, 1); Calibrated: 11/11/2011
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, V52.8 Build 1; SEMCAD X Version 14.0 Build 57

Dipole E-Field measurement/E Scan - measurement distance from the probe sensor center to CD1880**Dipole = 10mm/Hearing Aid Compatibility Test (41x361x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 145.5 V/m

Probe Modulation Factor = 1

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 157.2 V/m; Power Drift = -0.0034 dB

Hearing Aid Near-Field Category: M2 (AWF 0 dB)

Peak E-field in V/m

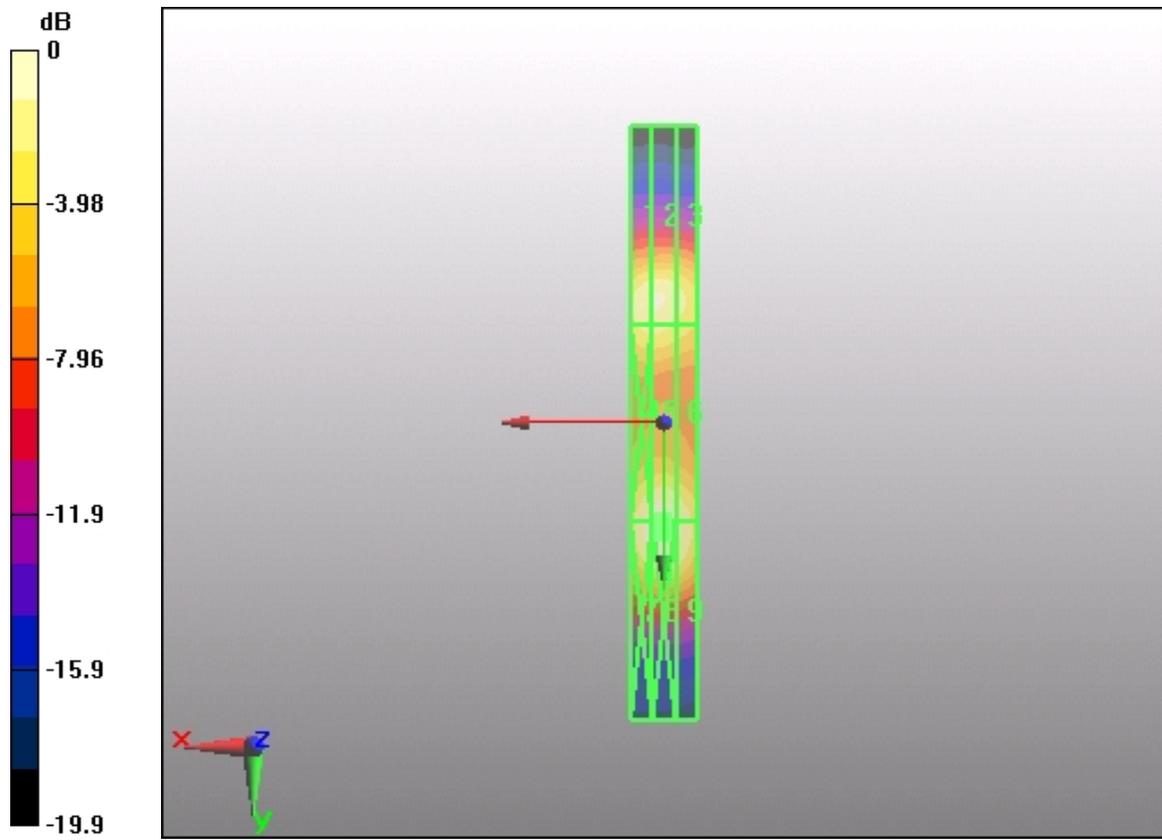
| | | |
|---------------------------|---------------------------|---------------------------|
| Grid 1 129.7 M2 | Grid 2 130.3 M2 | Grid 3 119.5 M2 |
| Grid 4 138.4 M2 | Grid 5 145.5 M2 | Grid 6 133.0 M2 |
| Grid 7 141.0 M2 | Grid 8 148.6 M2 | Grid 9 135.6 M2 |

Cursor:

Total = 148.6 V/m

E Category: M2

Location: 0.5, 33.5, 4.7 mm



0 dB = 148.6V/m

Test Laboratory: HUAWEI SAR Lab

SystemPerformanceCheck-CD835_H3DV6

DUT: HAC-Dipole 835 MHz; Type: CD835V3; Serial: 1114

Communication System: CW; Frequency: 835 MHz

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: H3DV6 - SN6270; ; Calibrated: 11/21/2011
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, V52.8 Build 1; SEMCAD X Version 14.0 Build 57

Dipole H-Field measurement with H3DV6 probe/H Scan - measurement distance from the probe sensor center to CD835 Dipole = 10mm/Hearing Aid Compatibility Test (41x361x1): Measurement grid:

dx=5mm, dy=5mm

Maximum value of peak Total field = 0.459 A/m

Probe Modulation Factor = 1

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.486 A/m; Power Drift = 0.090 dB

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

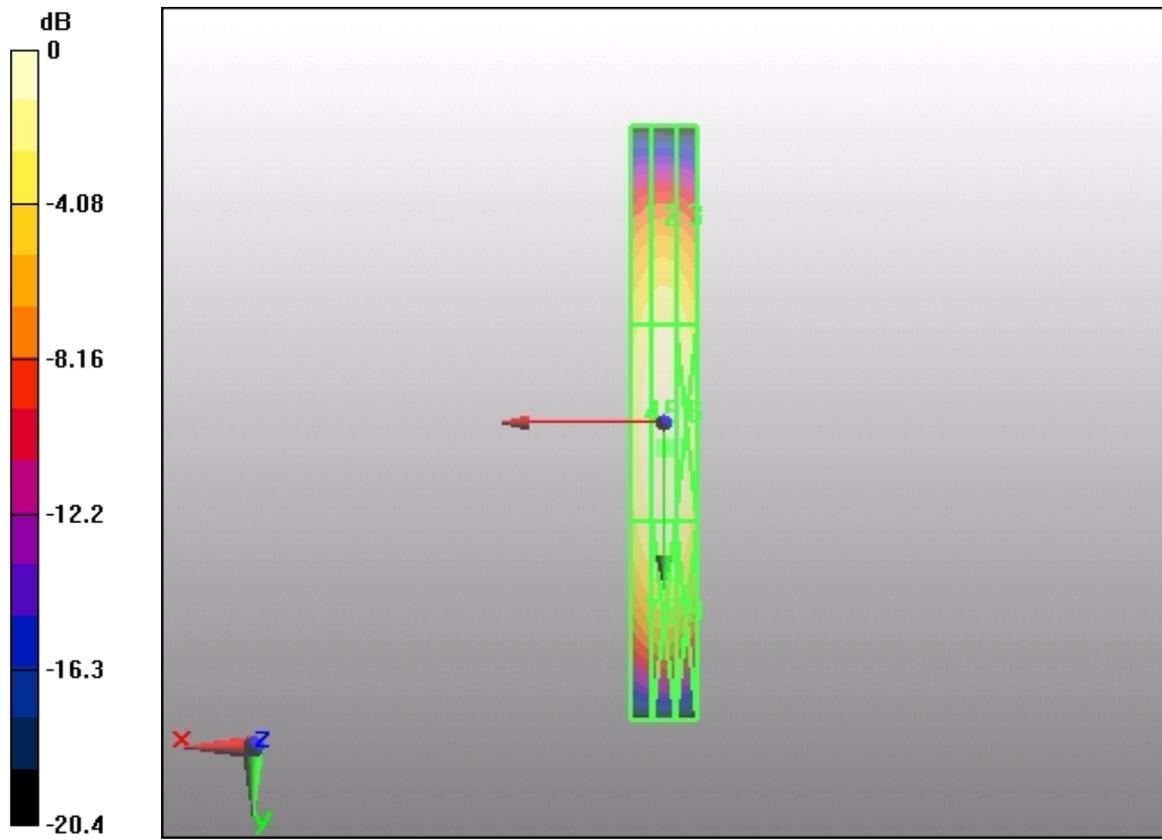
| | | |
|---------------------------|---------------------------|---------------------------|
| Grid 1 0.375 M4 | Grid 2 0.392 M4 | Grid 3 0.375 M4 |
| Grid 4 0.436 M4 | Grid 5 0.459 M4 | Grid 6 0.439 M4 |
| Grid 7 0.399 M4 | Grid 8 0.423 M4 | Grid 9 0.403 M4 |

Cursor:

Total = 0.459 A/m

H Category: M4

Location: 0, 7.5, 4.7 mm



0 dB = 0.459A/m

Test Laboratory: HUAWEI SAR Lab

SystemPerformanceCheck-CD1880_H3DV6**DUT: HAC Dipole 1880 MHz; Type: CD1880V3; Serial: 1100**

Communication System: CW; Frequency: 1880 MHz

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: H3DV6 - SN6270; ; Calibrated: 11/21/2011
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, V52.8 Build 1; SEMCAD X Version 14.0 Build 57

Dipole H-Field measurement with H3DV6 probe/H Scan - measurement distance from the probe sensor center to CD1880 Dipole = 10mm/Hearing Aid Compatibility Test (41x361x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.449 A/m

Probe Modulation Factor = 1

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.475 A/m; Power Drift = -0.00275 dB

Hearing Aid Near-Field Category: M2 (AWF 0 dB)

Peak H-field in A/m

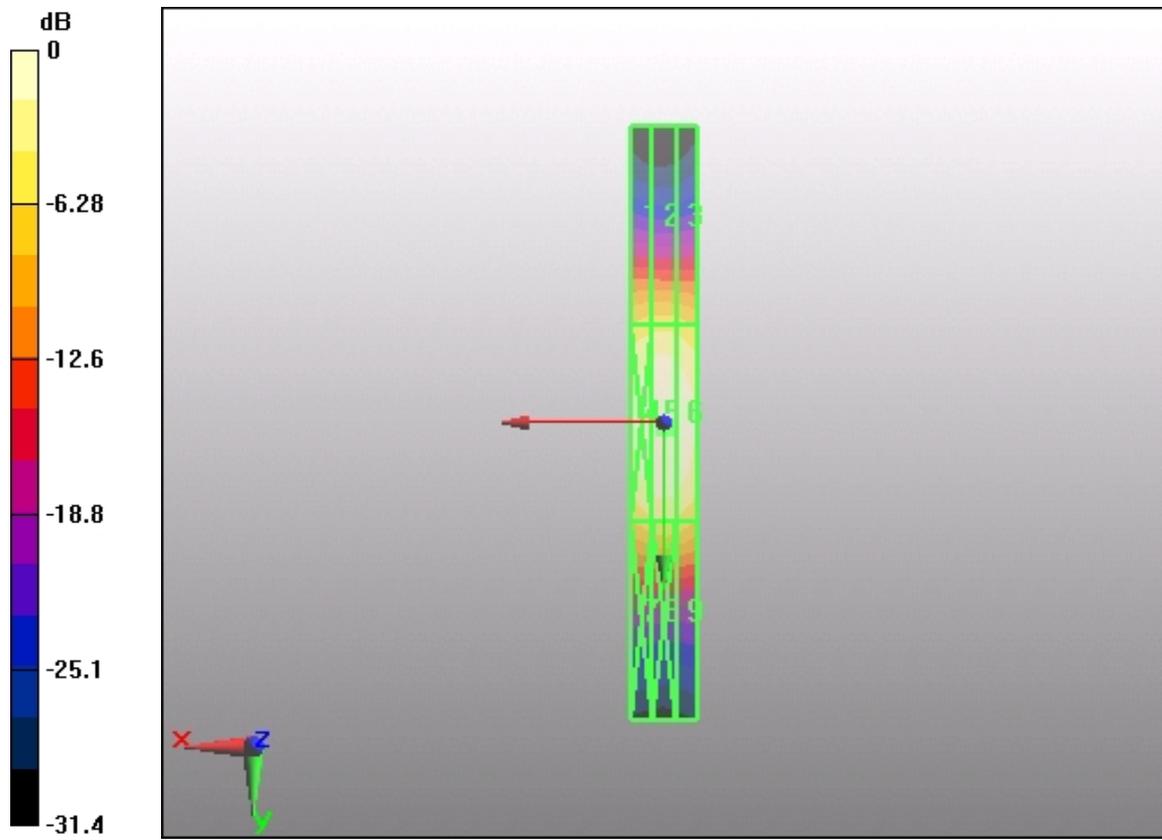
| | | |
|---------------------------|---------------------------|---------------------------|
| Grid 1 0.247 M3 | Grid 2 0.252 M3 | Grid 3 0.242 M3 |
| Grid 4 0.428 M2 | Grid 5 0.449 M2 | Grid 6 0.428 M2 |
| Grid 7 0.257 M3 | Grid 8 0.274 M3 | Grid 9 0.261 M3 |

Cursor:

Total = 0.449 A/m

H Category: M2

Location: 0, 1.5, 4.7 mm



0 dB = 0.449A/m