

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,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

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

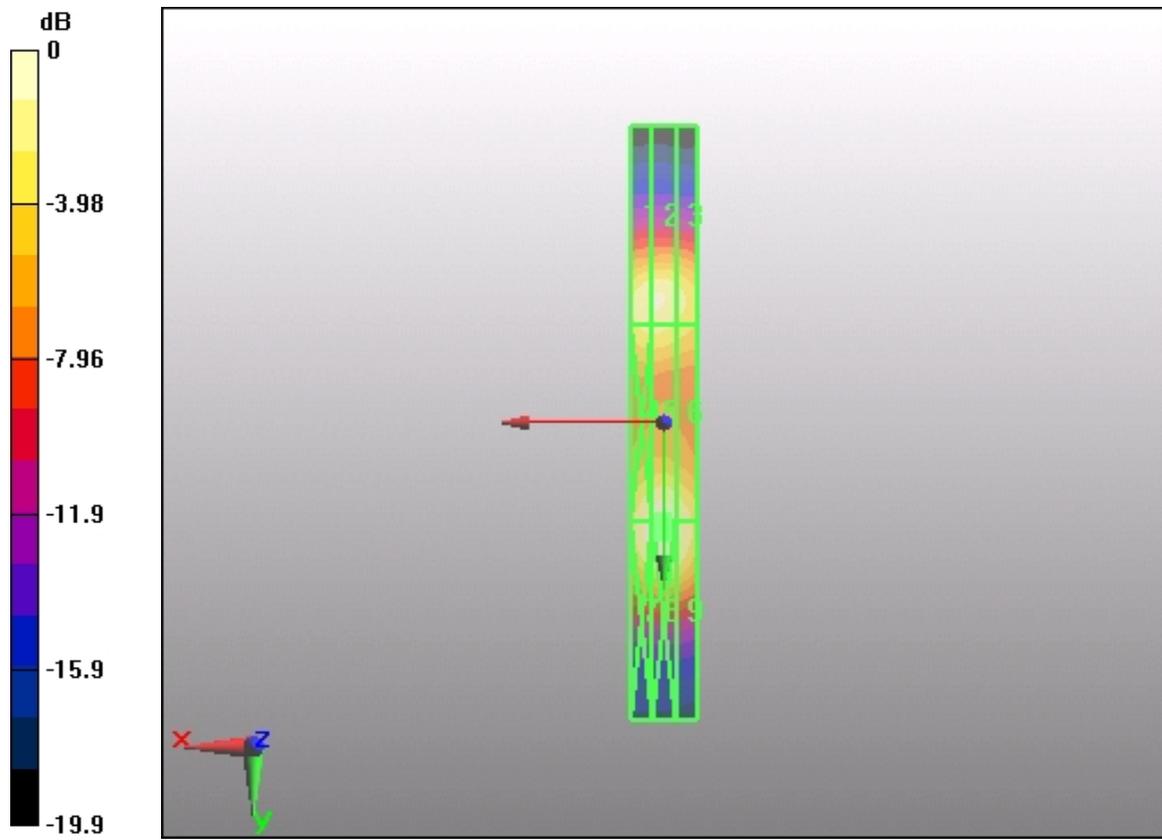
|                           |                           |                           |
|---------------------------|---------------------------|---------------------------|
| Grid 1<br><b>129.7 M2</b> | Grid 2<br><b>130.3 M2</b> | Grid 3<br><b>119.5 M2</b> |
| Grid 4<br><b>138.4 M2</b> | Grid 5<br><b>145.5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

**Cursor:**

Total = 148.6 V/m

E Category: M2

Location: 0.5, 33.5, 4.7 mm



0 dB = 148.6V/m

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**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/m<sup>3</sup>

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

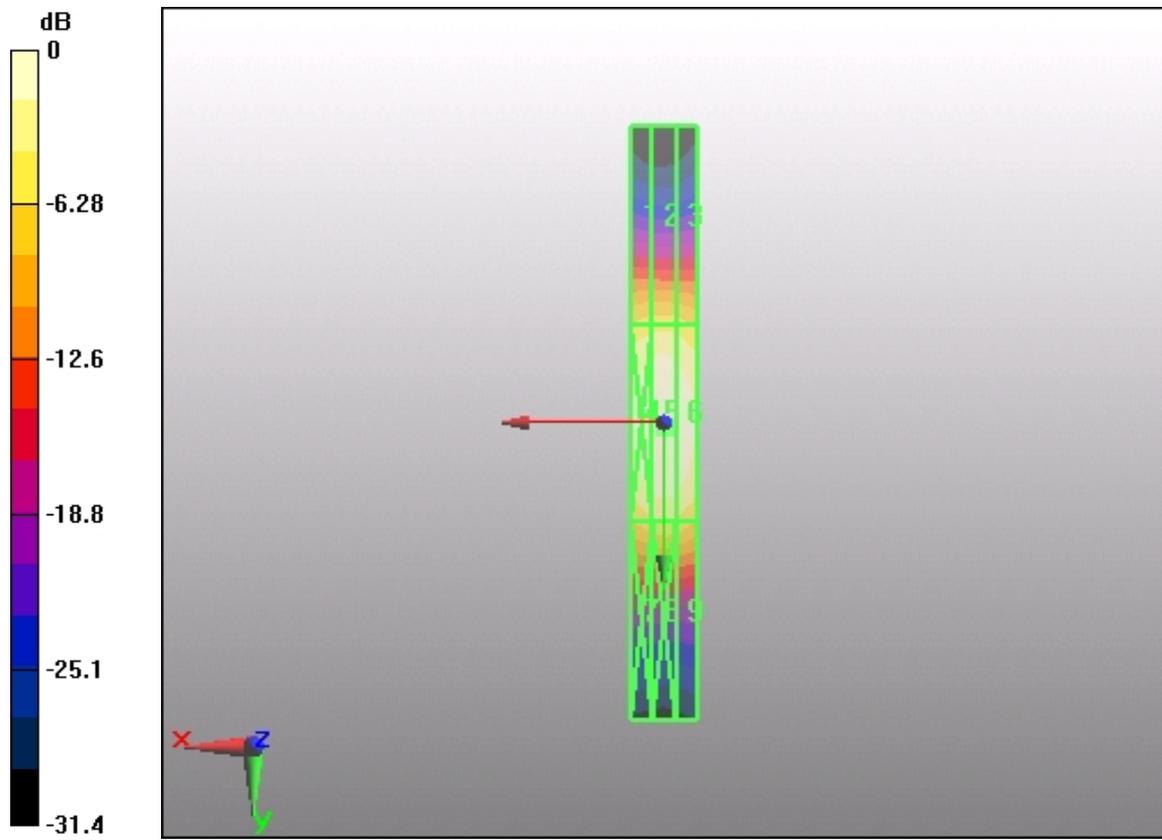
|                           |                           |                           |
|---------------------------|---------------------------|---------------------------|
| Grid 1<br><b>0.247 M3</b> | Grid 2<br><b>0.252 M3</b> | Grid 3<br><b>0.242 M3</b> |
| Grid 4<br><b>0.428 M2</b> | Grid 5<br><b>0.449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

**Cursor:**

Total = 0.449 A/m

H Category: M2

Location: 0, 1.5, 4.7 mm



0 dB = 0.449A/m