

**HAC\_E\_Dipole\_835\_100905**

**DUT: Dipole 835 MHz**

Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1

Medium: Air Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C

DASY4 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2010/1/22
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn910; Calibrated: 2009/9/18
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**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 = 191.7 V/m

Probe Modulation Factor = 1.00

Reference Value = 140.9 V/m; Power Drift = 0.031 dB

**Average Value of Total = (189.2 + 191.7) / 2 = 190.45 V/m**

Peak E-field in V/m

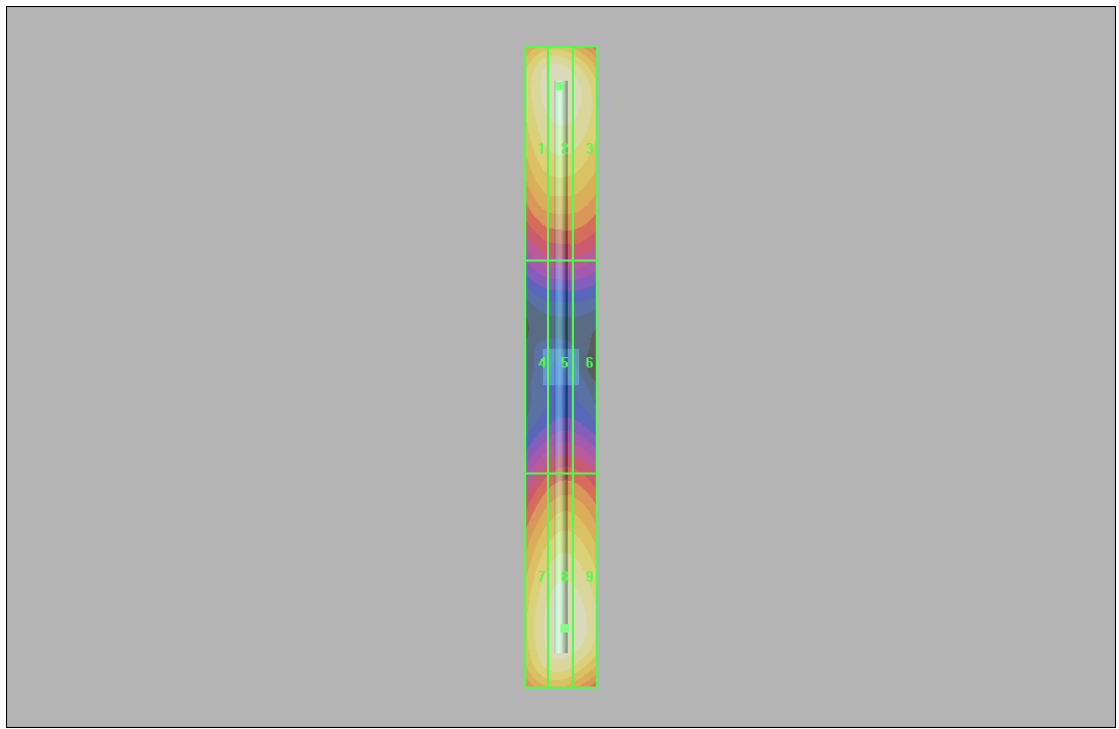
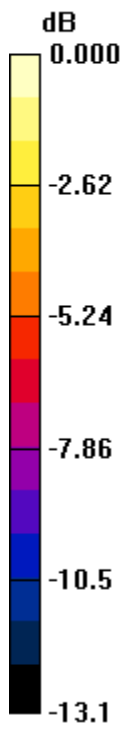
Grid 1 <b>183.9 M4</b>	Grid 2 <b>189.2 M4</b>	Grid 3 <b>182.3 M4</b>
Grid 4 <b>94.3 M4</b>	Grid 5 <b>100.4 M4</b>	Grid 6 <b>99.2 M4</b>
Grid 7 <b>180.9 M4</b>	Grid 8 <b>191.7 M4</b>	Grid 9 <b>188.2 M4</b>

**Cursor:**

Total = 191.7 V/m

E Category: M4

Location: -1, 73.5, 4.7 mm



0 dB = 191.7V/m

**HAC\_E\_Dipole\_1880\_100905**

**DUT: HAC Dipole 1880 MHz**

Communication System: CW; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: Air Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C

DASY4 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2010/1/22
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn910; Calibrated: 2009/9/18
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**E Scan - measurement distance from the probe sensor center to CD1880 Dipole = 10mm/Hearing Aid Compatibility Test (41x181x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 132.9 V/m

Probe Modulation Factor = 1.00

Reference Value = 138.2 V/m; Power Drift = -0.030 dB

**Average Value of Total = (130.0 + 132.9) / 2 = 131.45 V/m**

Peak E-field in V/m

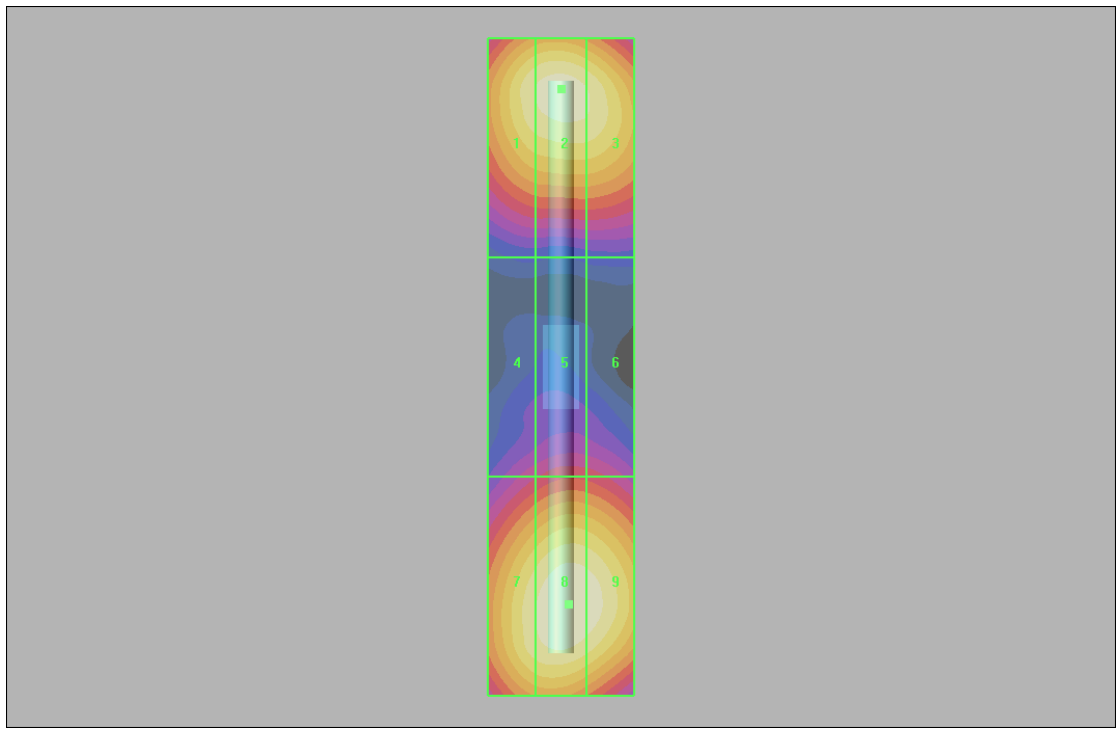
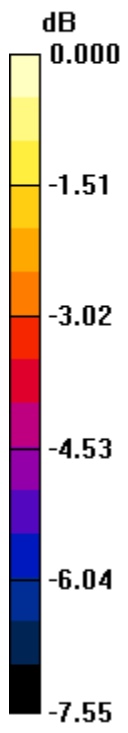
Grid 1 <b>125.8 M2</b>	Grid 2 <b>130.0 M2</b>	Grid 3 <b>126.6 M2</b>
Grid 4 <b>83.1 M3</b>	Grid 5 <b>88.0 M3</b>	Grid 6 <b>87.1 M3</b>
Grid 7 <b>125.5 M2</b>	Grid 8 <b>132.9 M2</b>	Grid 9 <b>130.9 M2</b>

**Cursor:**

Total = 132.9 V/m

E Category: M2

Location: -1, 32.5, 4.7 mm



0 dB = 132.9V/m

**HAC\_H\_Dipole\_835\_100905**

**DUT: HAC-Dipole 835 MHz**

Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1  
 Medium: Air Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1$  kg/m<sup>3</sup>  
 Ambient Temperature : 22.5 °C

DASY4 Configuration:

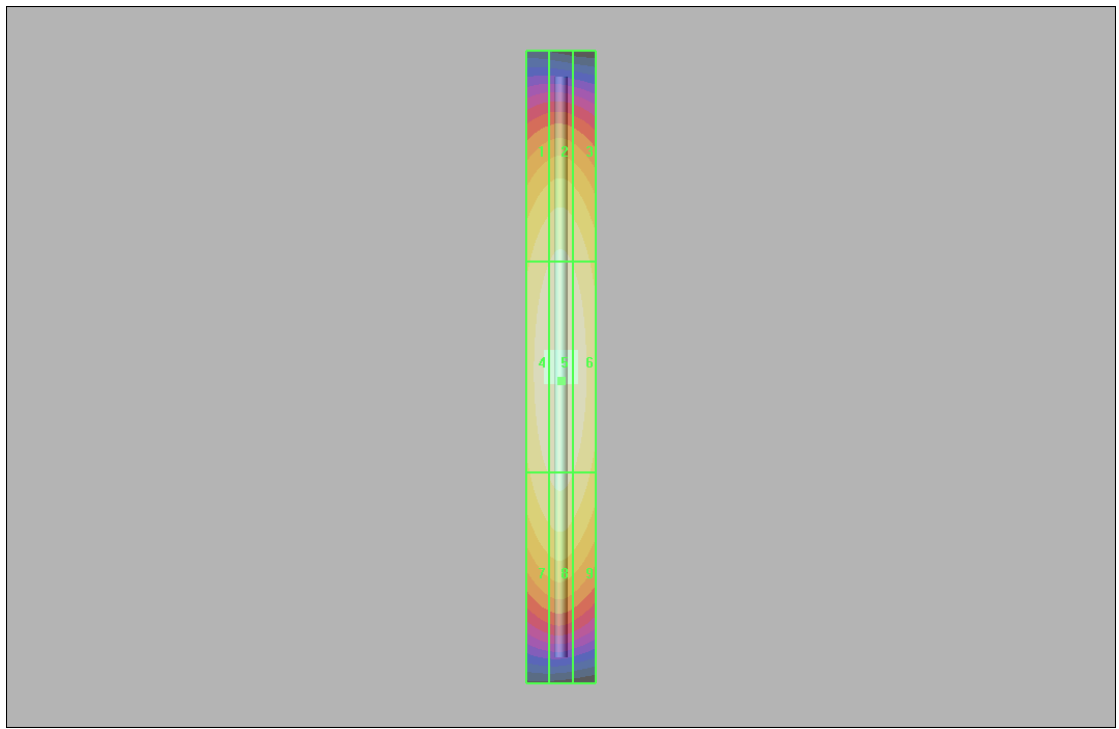
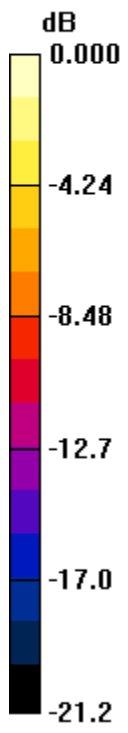
- Probe: H3DV6 - SN6184; ; Calibrated: 2010/1/22
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn910; Calibrated: 2009/9/18
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**H Scan - measurement distance from the probe sensor center to CD835 Dipole = 10mm/Hearing Aid Compatibility Test (41x361x1):** Measurement grid: dx=5mm, dy=5mm  
 Probe Modulation Factor = 1.00  
 Reference Value = 0.508 A/m; Power Drift = -0.008 dB  
**Maximum Value of Total = 0.458 A/m**

Peak H-field in A/m

Grid 1 <b>0.387 M4</b>	Grid 2 <b>0.404 M4</b>	Grid 3 <b>0.385 M4</b>
Grid 4 <b>0.438 M4</b>	Grid 5 <b>0.458 M4</b>	Grid 6 <b>0.437 M4</b>
Grid 7 <b>0.392 M4</b>	Grid 8 <b>0.410 M4</b>	Grid 9 <b>0.389 M4</b>

**Cursor:**  
 Total = 0.458 A/m  
 H Category: M4  
 Location: 0, 4, 5.2 mm



0 dB = 0.458A/m

**HAC\_H\_Dipole\_1880\_100905**

**DUT: HAC Dipole 1880 MHz**

Communication System: CW; Frequency: 1880 MHz; Duty Cycle: 1:1  
 Medium: Air Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1$  kg/m<sup>3</sup>  
 Ambient Temperature : 22.5 °C

DASY4 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2010/1/22
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn910; Calibrated: 2009/9/18
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**H Scan - measurement distance from the probe sensor center to CD1880 Dipole = 10mm/Hearing Aid Compatibility Test (41x181x1):** Measurement grid: dx=5mm, dy=5mm  
 Probe Modulation Factor = 1.00  
 Reference Value = 0.518 A/m; Power Drift = 0.008 dB  
**Maximum Value of Total = 0.468 A/m**

Peak H-field in A/m

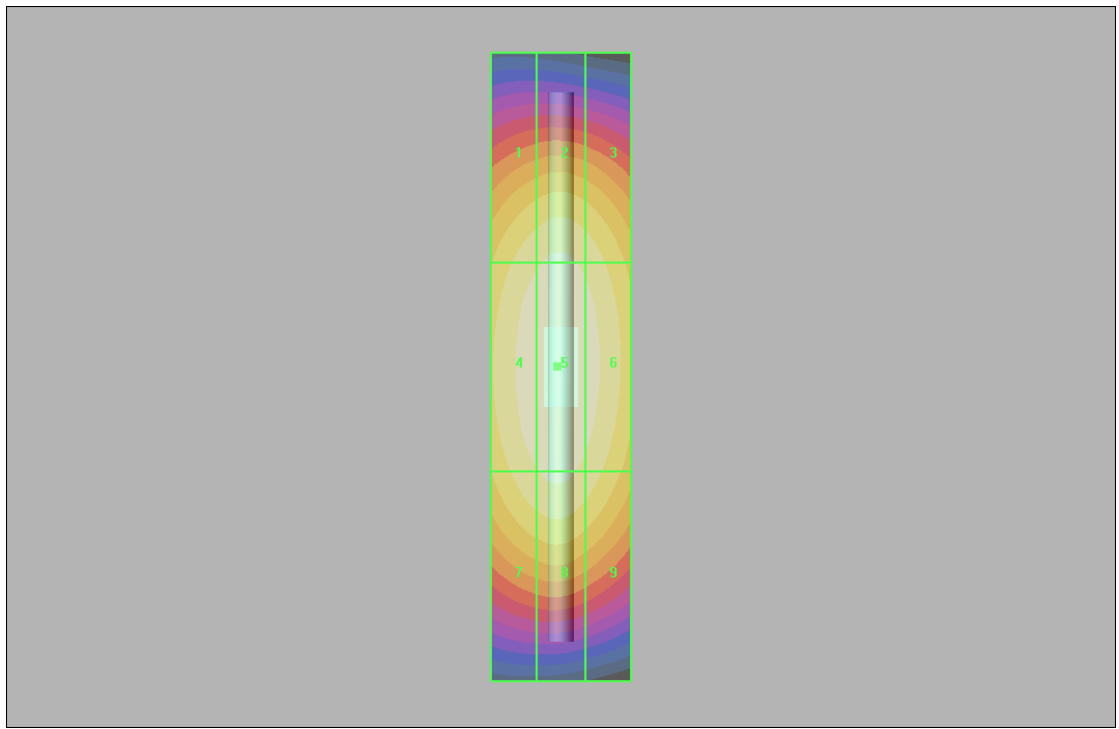
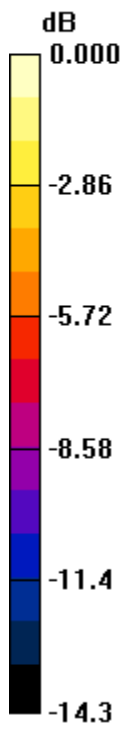
Grid 1 <b>0.413 M2</b>	Grid 2 <b>0.430 M2</b>	Grid 3 <b>0.408 M2</b>
Grid 4 <b>0.452 M2</b>	Grid 5 <b>0.468 M2</b>	Grid 6 <b>0.445 M2</b>
Grid 7 <b>0.416 M2</b>	Grid 8 <b>0.431 M2</b>	Grid 9 <b>0.405 M2</b>

**Cursor:**

Total = 0.468 A/m

H Category: M2

Location: 0.5, 0, 5.2 mm



0 dB = 0.468A/m