

### HAC\_E\_Dipole\_835\_110211

#### 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 : 22.7 °C

#### DASY4 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2011/1/14
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- 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 CD835 Dipole = 10mm/Hearing Aid Compatibility Test (41x361x1): Measurement grid: dx=5mm, dy=5mm

Probe Modulation Factor = 1.00

Reference Value = 132.1 V/m; Power Drift = -0.005 dB

**Average Value of Total = (180.4 + 179.8) / 2 = 180.1 V/m**

Peak E-field in V/m

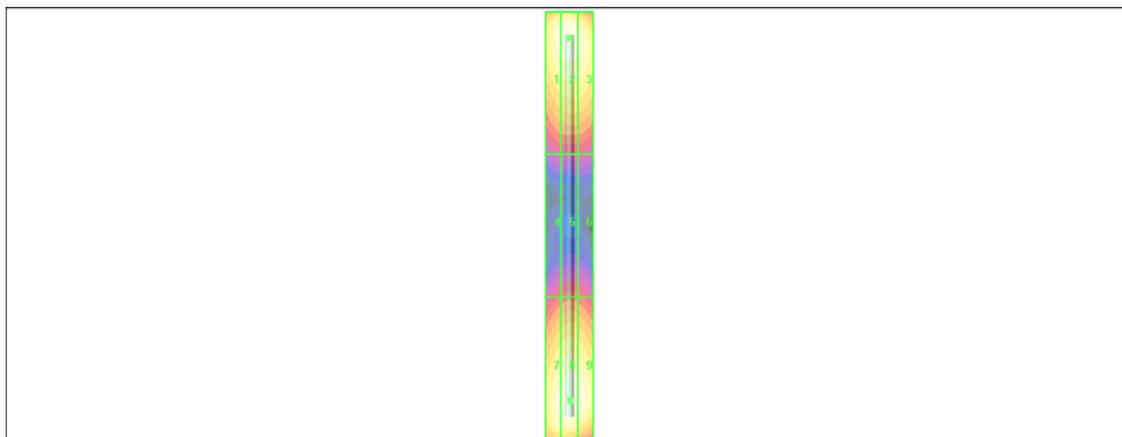
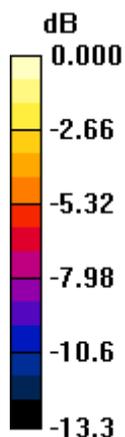
Grid 1 <b>174.8 M4</b>	Grid 2 <b>180.4 M4</b>	Grid 3 <b>172.6 M4</b>
Grid 4 <b>91.1 M4</b>	Grid 5 <b>95.1 M4</b>	Grid 6 <b>92.7 M4</b>
Grid 7 <b>172.2 M4</b>	Grid 8 <b>179.8 M4</b>	Grid 9 <b>176.4 M4</b>

**Cursor:**

Total = 180.4 V/m

E Category: M4

Location: 0, -79, 4.7 mm



0 dB = 180.4V/m

### HAC\_E\_Dipole\_1880\_110211

#### 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 : 22.3 °C

DASY4 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2011/1/14
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- 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

Probe Modulation Factor = 1.00

Reference Value = 137.5 V/m; Power Drift = 0.008 dB

**Average Value of Total = (135.4 + 135.6) / 2 = 135.5 V/m**

Peak E-field in V/m

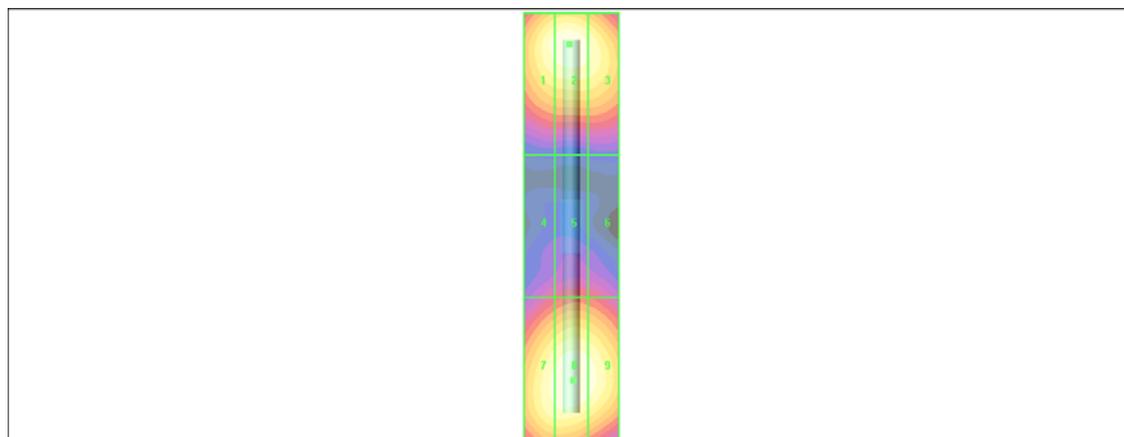
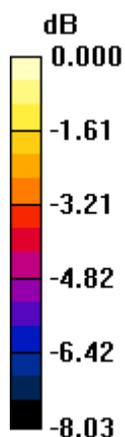
Grid 1 <b>131.6 M2</b>	Grid 2 <b>135.4 M2</b>	Grid 3 <b>129.2 M2</b>
Grid 4 <b>84.8 M3</b>	Grid 5 <b>90.2 M3</b>	Grid 6 <b>88.5 M3</b>
Grid 7 <b>131.0 M2</b>	Grid 8 <b>135.6 M2</b>	Grid 9 <b>132.5 M2</b>

**Cursor:**

Total = 135.6 V/m

E Category: M2

Location: -0.5, 32.5, 4.7 mm



0 dB = 135.6V/m

### HAC\_H\_Dipole\_835\_110212

#### 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: 2011/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- 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 = 0.497 A/m; Power Drift = 0.000 dB

**Maximum Value of Total = 0.448 A/m**

Peak H-field in A/m

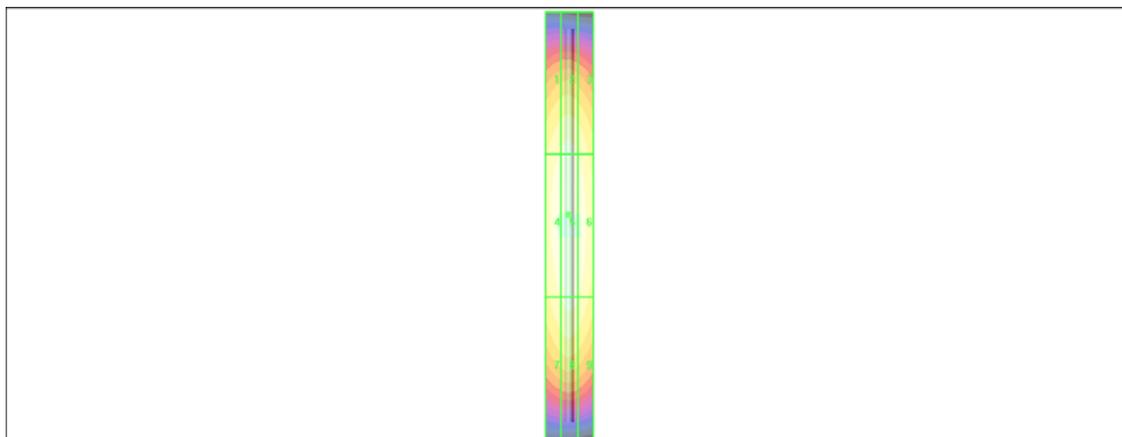
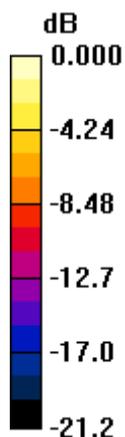
Grid 1 <b>0.389 M4</b>	Grid 2 <b>0.405 M4</b>	Grid 3 <b>0.382 M4</b>
Grid 4 <b>0.430 M4</b>	Grid 5 <b>0.448 M4</b>	Grid 6 <b>0.424 M4</b>
Grid 7 <b>0.382 M4</b>	Grid 8 <b>0.402 M4</b>	Grid 9 <b>0.383 M4</b>

**Cursor:**

Total = 0.448 A/m

H Category: M4

Location: 0.5, -4.5, 5.2 mm



0 dB = 0.448A/m

### HAC\_H\_Dipole\_1880\_110212

#### 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 : 22.7 °C

#### DASY4 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2011/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- 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 = 0.510 A/m; Power Drift = 0.010 dB

**Maximum Value of Total = 0.463 A/m**

Peak H-field in A/m

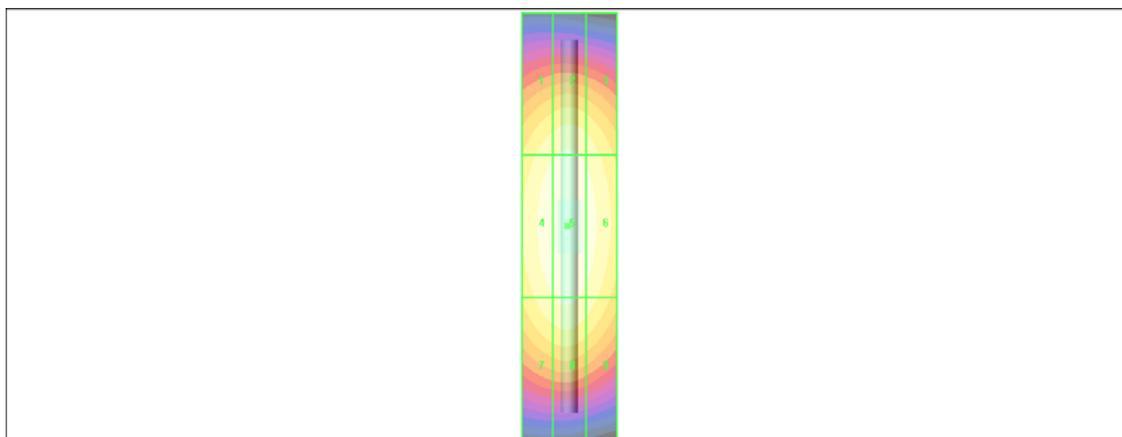
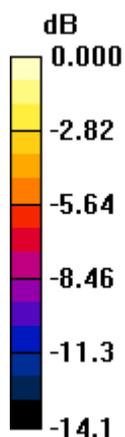
Grid 1 <b>0.410 M2</b>	Grid 2 <b>0.425 M2</b>	Grid 3 <b>0.405 M2</b>
Grid 4 <b>0.448 M2</b>	Grid 5 <b>0.463 M2</b>	Grid 6 <b>0.441 M2</b>
Grid 7 <b>0.413 M2</b>	Grid 8 <b>0.426 M2</b>	Grid 9 <b>0.401 M2</b>

#### Cursor:

Total = 0.463 A/m

H Category: M2

Location: 0.5, 0, 5.2 mm



0 dB = 0.463A/m