

### HAC\_E\_Dipole\_835\_110227

#### 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 : 22.6 °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 = 134.6 V/m; Power Drift = 0.005 dB

Average Value of Total = (183.3 + 183.5) / 2 = 183.4 V/m

Peak E-field in V/m

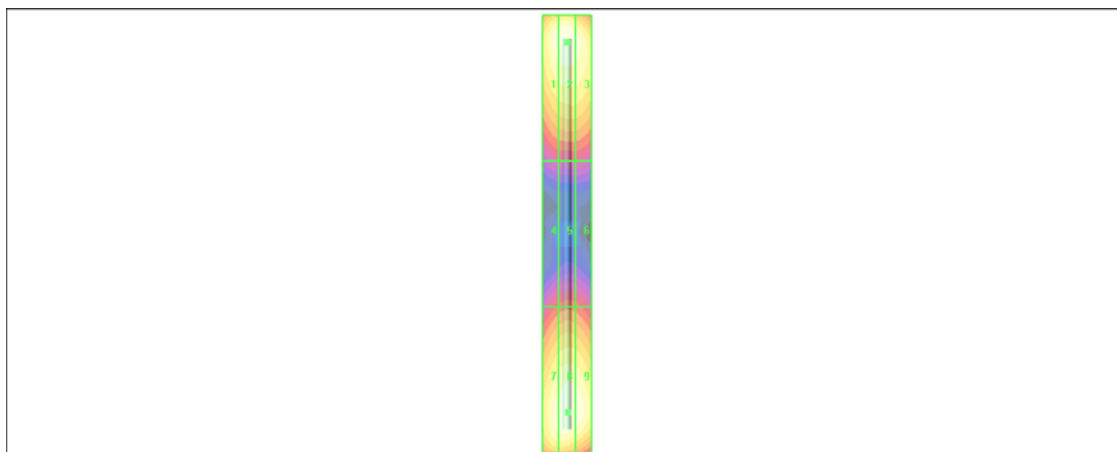
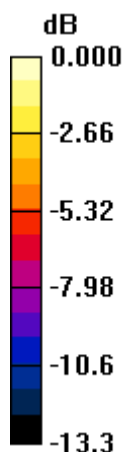
Grid 1 <b>177.8 M4</b>	Grid 2 <b>183.3 M4</b>	Grid 3 <b>175.6 M4</b>
Grid 4 <b>92.9 M4</b>	Grid 5 <b>96.9 M4</b>	Grid 6 <b>94.6 M4</b>
Grid 7 <b>175.6 M4</b>	Grid 8 <b>183.5 M4</b>	Grid 9 <b>179.9 M4</b>

#### Cursor:

Total = 183.5 V/m

E Category: M4

Location: -0.5, 73.5, 4.7 mm



0 dB = 183.5V/m

### HAC\_E\_Dipole\_1880\_110227

#### 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 : 22.6 °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 = 139.2 V/m; Power Drift = 0.000 dB

Average Value of Total = (137.0 + 137.1) / 2 = 137.05 V/m

Peak E-field in V/m

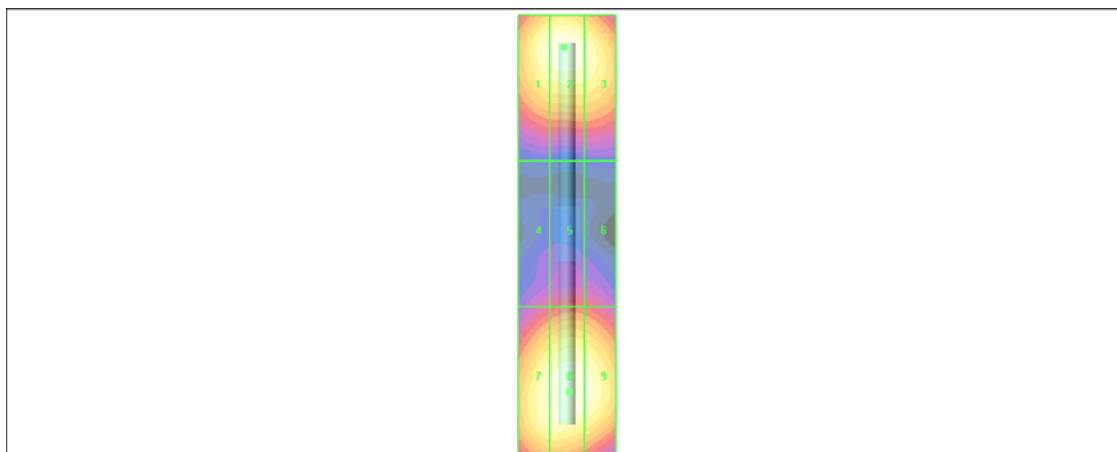
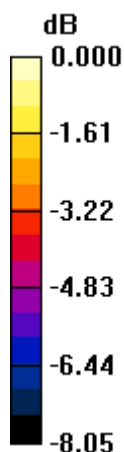
Grid 1 <b>133.2 M2</b>	Grid 2 <b>137.0 M2</b>	Grid 3 <b>130.6 M2</b>
Grid 4 <b>85.6 M3</b>	Grid 5 <b>91.1 M3</b>	Grid 6 <b>89.4 M3</b>
Grid 7 <b>132.5 M2</b>	Grid 8 <b>137.1 M2</b>	Grid 9 <b>133.9 M2</b>

#### Cursor:

Total = 137.1 V/m

E Category: M2

Location: -0.5, 32.5, 4.7 mm



0 dB = 137.1V/m

## HAC\_H\_Dipole\_835\_110228

### 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 : 22.6 °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 = 0.511 A/m; Power Drift = -0.008 dB

**Maximum Value of Total = 0.462 A/m**

Peak H-field in A/m

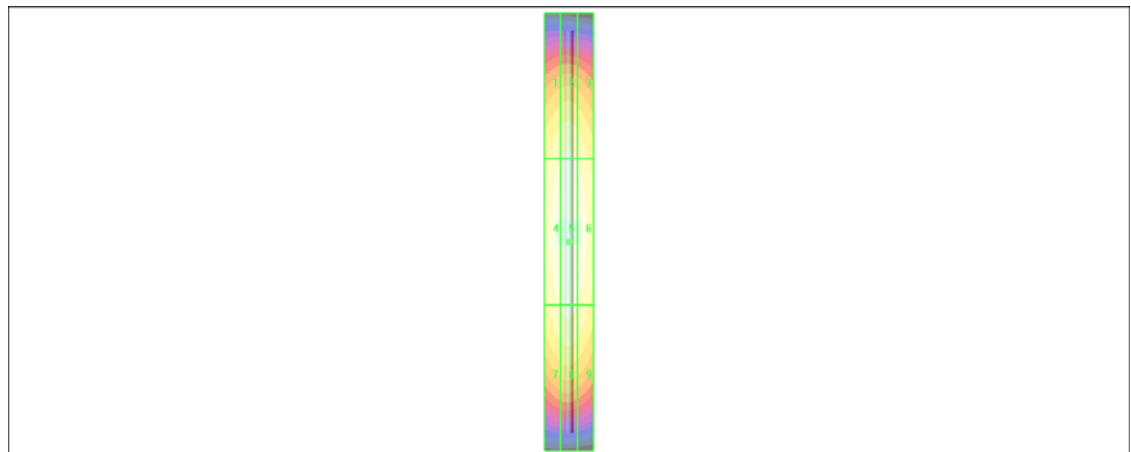
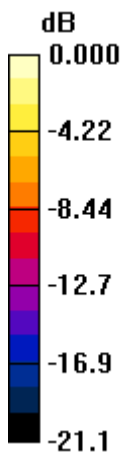
Grid 1 <b>0.391 M4</b>	Grid 2 <b>0.407 M4</b>	Grid 3 <b>0.389 M4</b>
Grid 4 <b>0.442 M4</b>	Grid 5 <b>0.462 M4</b>	Grid 6 <b>0.441 M4</b>
Grid 7 <b>0.396 M4</b>	Grid 8 <b>0.414 M4</b>	Grid 9 <b>0.393 M4</b>

**Cursor:**

Total = 0.462 A/m

H Category: M4

Location: 0, 4, 5.2 mm



0 dB = 0.462A/m

### HAC\_H\_Dipole\_1880\_110228

#### 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: 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 = 0.496 A/m; Power Drift = 0.011 dB

**Maximum Value of Total = 0.449 A/m**

Peak H-field in A/m

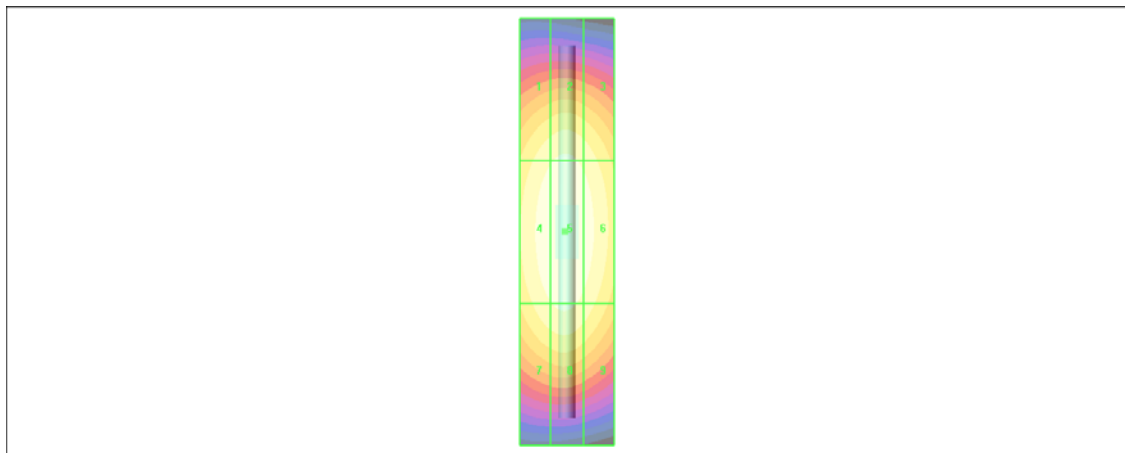
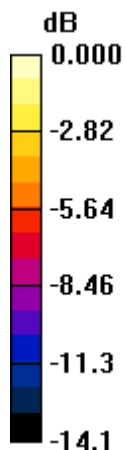
Grid 1 <b>0.398 M2</b>	Grid 2 <b>0.413 M2</b>	Grid 3 <b>0.392 M2</b>
Grid 4 <b>0.435 M2</b>	Grid 5 <b>0.449 M2</b>	Grid 6 <b>0.428 M2</b>
Grid 7 <b>0.401 M2</b>	Grid 8 <b>0.414 M2</b>	Grid 9 <b>0.390 M2</b>

#### Cursor:

Total = 0.449 A/m

H Category: M2

Location: 0.5, 0, 5.2 mm



0 dB = 0.449A/m