

### HAC\_E\_Dipole\_835\_110801

#### 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: 2011/1/14
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- 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

Maximum value of peak Total field = 178.0 V/m

Probe Modulation Factor = 1.00

Reference Value = 130.5 V/m; Power Drift = 0.013 dB

Average value of Total=(178+ 177.9) / 2 = 177.95 V/m

Peak E-field in V/m

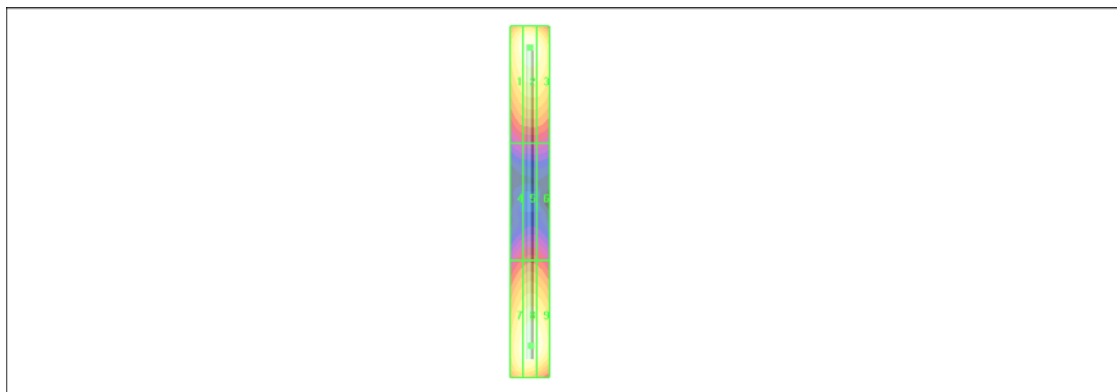
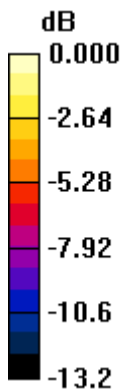
Grid 1 <b>172.6 M4</b>	Grid 2 <b>178.0 M4</b>	Grid 3 <b>170.3 M4</b>
Grid 4 <b>90.1 M4</b>	Grid 5 <b>94.0 M4</b>	Grid 6 <b>91.8 M4</b>
Grid 7 <b>170.2 M4</b>	Grid 8 <b>177.9 M4</b>	Grid 9 <b>174.3 M4</b>

#### Cursor:

Total = 178.0 V/m

E Category: M4

Location: 0, -79, 4.7 mm



0 dB = 178.0V/m

### HAC\_E\_Dipole\_1880\_110801

#### 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: 2011/1/14
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- 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 = 142.4 V/m

Probe Modulation Factor = 1.00

Reference Value = 144.9 V/m; Power Drift = -0.028 dB

Average value of Total=(142.4+ 142.4) / 2 = 142.4 V/m

Peak E-field in V/m

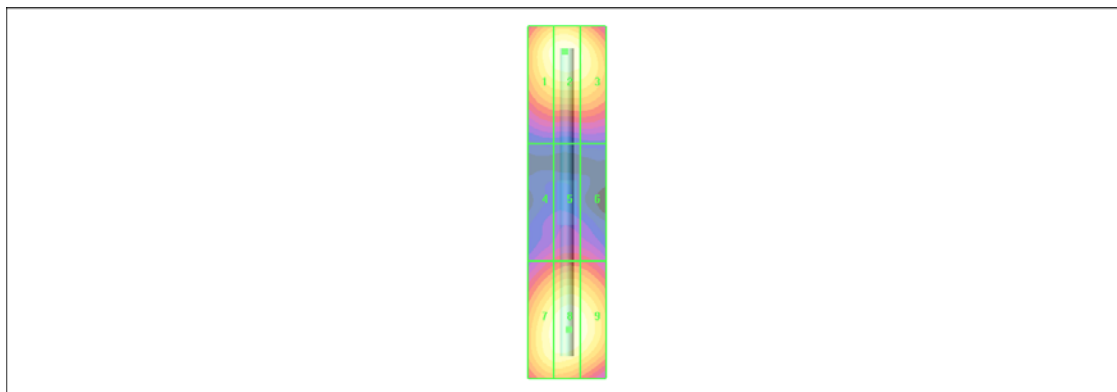
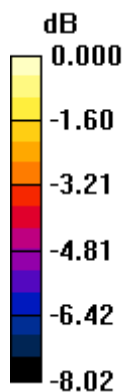
Grid 1 <b>138.3 M2</b>	Grid 2 <b>142.4 M2</b>	Grid 3 <b>135.5 M2</b>
Grid 4 <b>89.0 M3</b>	Grid 5 <b>94.8 M3</b>	Grid 6 <b>92.8 M3</b>
Grid 7 <b>137.6 M2</b>	Grid 8 <b>142.4 M2</b>	Grid 9 <b>139.0 M2</b>

**Cursor:**

Total = 142.4 V/m

E Category: M2

Location: 0.5, -38.5, 4.7 mm



0 dB = 142.4V/m

### HAC\_H\_Dipole\_1880\_110801

#### 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: DAE3 Sn495; Calibrated: 2011/4/28
- 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 = 0.530 A/m; Power Drift = 0.006 dB

Maximum value of peak Total field = 0.480 A/m

Peak H-field in A/m

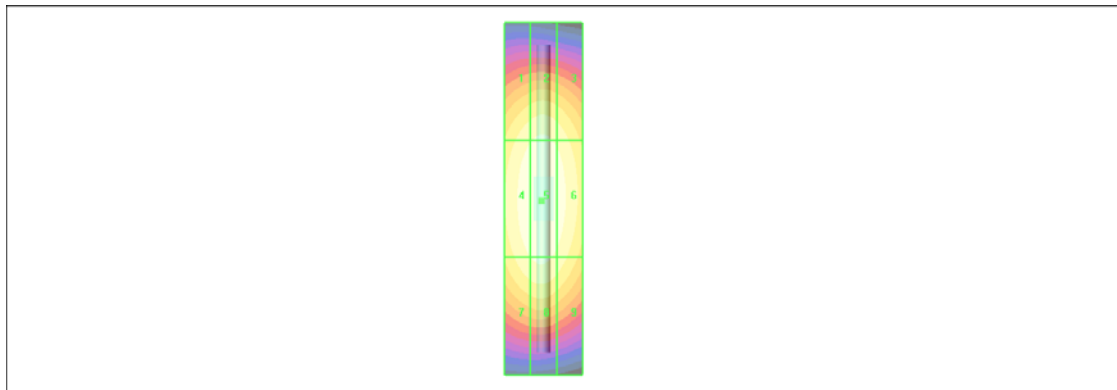
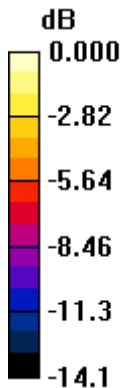
Grid 1 <b>0.426 M2</b>	Grid 2 <b>0.441 M2</b>	Grid 3 <b>0.420 M2</b>
Grid 4 <b>0.465 M2</b>	Grid 5 <b>0.480 M2</b>	Grid 6 <b>0.458 M2</b>
Grid 7 <b>0.429 M2</b>	Grid 8 <b>0.443 M2</b>	Grid 9 <b>0.417 M2</b>

**Cursor:**

Total = 0.480 A/m

H Category: M2

Location: 0.5, 0.5, 5.2 mm



0 dB = 0.480A/m

### HAC\_H\_Dipole\_835\_110801

#### 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: DAE3 Sn495; Calibrated: 2011/4/28
- 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 = 0.525 A/m; Power Drift = -0.052 dB  
 Maximum value of peak Total field = 0.471 A/m

Peak H-field in A/m

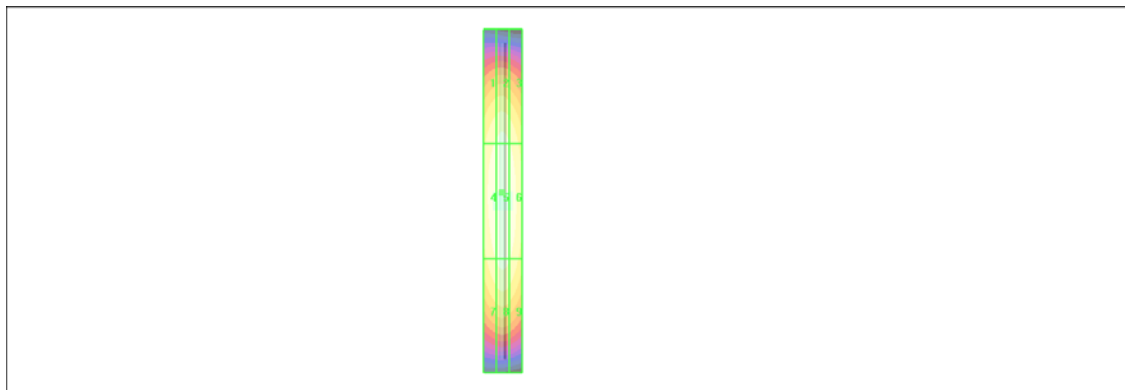
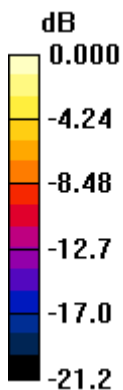
Grid 1 <b>0.410 M4</b>	Grid 2 <b>0.428 M4</b>	Grid 3 <b>0.403 M4</b>
Grid 4 <b>0.453 M4</b>	Grid 5 <b>0.471 M4</b>	Grid 6 <b>0.447 M4</b>
Grid 7 <b>0.404 M4</b>	Grid 8 <b>0.425 M4</b>	Grid 9 <b>0.404 M4</b>

**Cursor:**

Total = 0.471 A/m

H Category: M4

Location: 0.5, -4.5, 5.2 mm



0 dB = 0.471A/m