

**HAC\_E\_Dipole\_835\_090811**

**DUT: Dipole 835 MHz**

Communication System: GSM850; 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 : 22.4

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2009/1/14

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn679; Calibrated: 2009/6/23

- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial:

- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**E Scan - measurement distance from the probe sensor center to CD835 Dipole = 10mm/Hearing Aid Compatibility Test (41x361x1):** Measurement grid: dx=5mm, dy=5mm

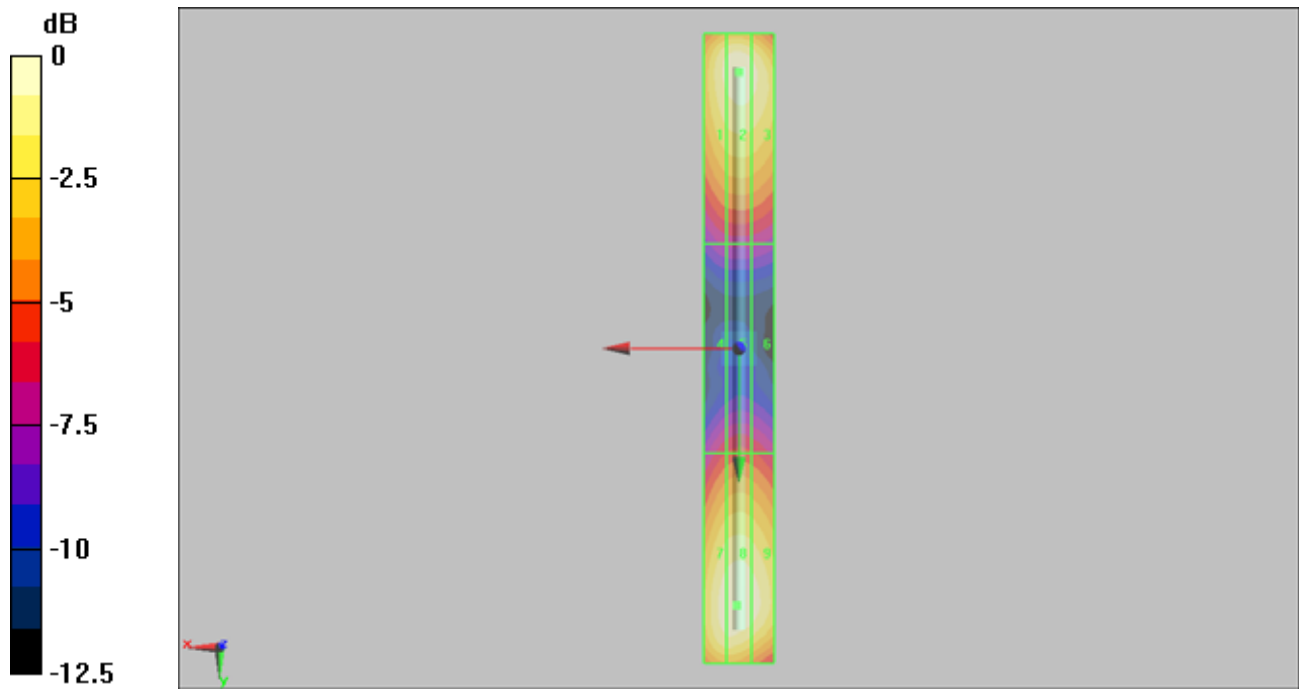
Maximum value of peak Total field = 171.7 V/m

Probe Modulation Factor = 1

Reference Value = 127.9 V/m; Power Drift = -0.00662 dB

**Average value of Total=(169.1 + 171.7) / 2 = 170.4 V/m**

Grid 1 <b>162.4 M4</b>	Grid 2 <b>169.1 M4</b>	Grid 3 <b>163.5 M4</b>
Grid 4 <b>88.8 M4</b>	Grid 5 <b>92.1 M4</b>	Grid 6 <b>89.8 M4</b>
Grid 7 <b>168.1 M4</b>	Grid 8 <b>171.7 M4</b>	Grid 9 <b>165.8 M4</b>



0 dB = 171.7V/m

**HAC\_E\_Dipole\_1880\_090811**

**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

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2009/1/14
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn679; Calibrated: 2009/6/23
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

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

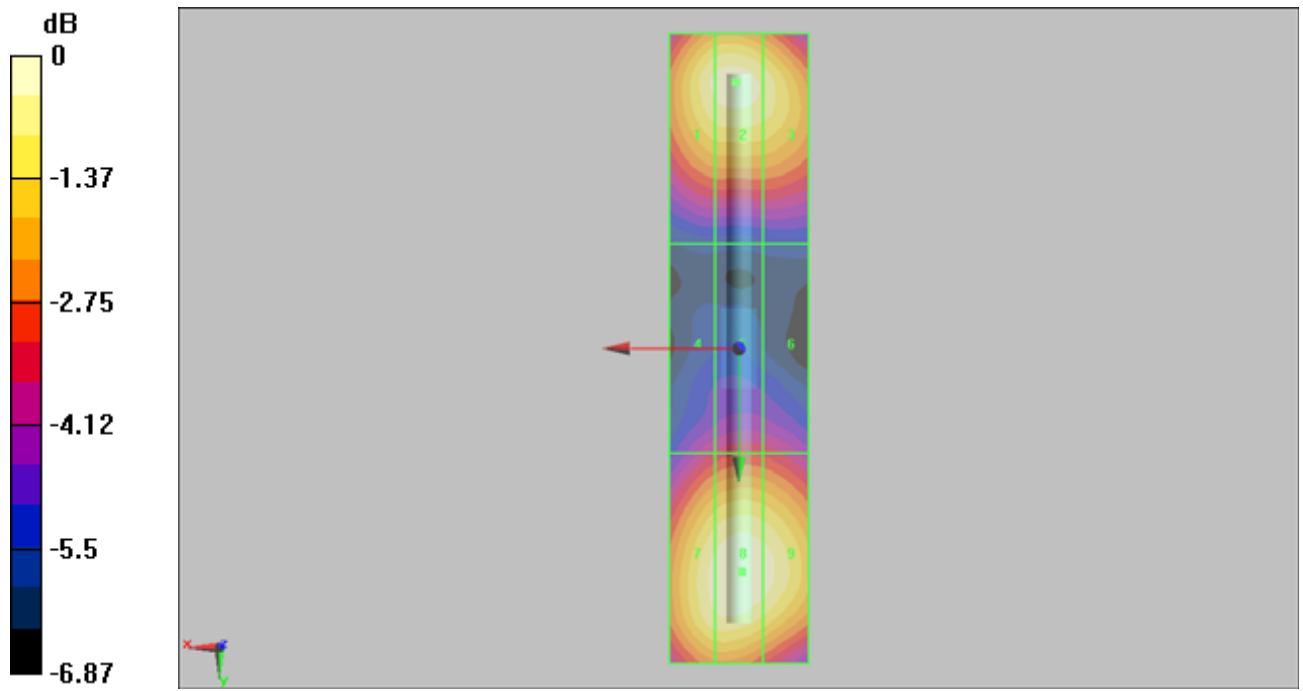
Maximum value of peak Total field = 141.2 V/m

Probe Modulation Factor = 1

Reference Value = 143.6 V/m; Power Drift = -0.020 dB

**Average value of Total=(138.6 + 141.2) / 2 = 139.9 V/m**

Grid 1 <b>135.8 M2</b>	Grid 2 <b>138.6 M2</b>	Grid 3 <b>132.6 M2</b>
Grid 4 <b>93.6 M3</b>	Grid 5 <b>97.7 M3</b>	Grid 6 <b>96.4 M3</b>
Grid 7 <b>137.3 M2</b>	Grid 8 <b>141.2 M2</b>	Grid 9 <b>137.8 M2</b>



0 dB = 141.2V/m

**HAC\_H\_Dipole\_835\_090811**

**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 : 22.4

DASY5 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2009/1/19
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2008/9/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**H Scan - measurement distance from the probe sensor center to CD835 Dipole = 10mm/Hearing Aid Compatibility Test (41x361x1): Measurement grid: dx=5mm, dy=5mm**

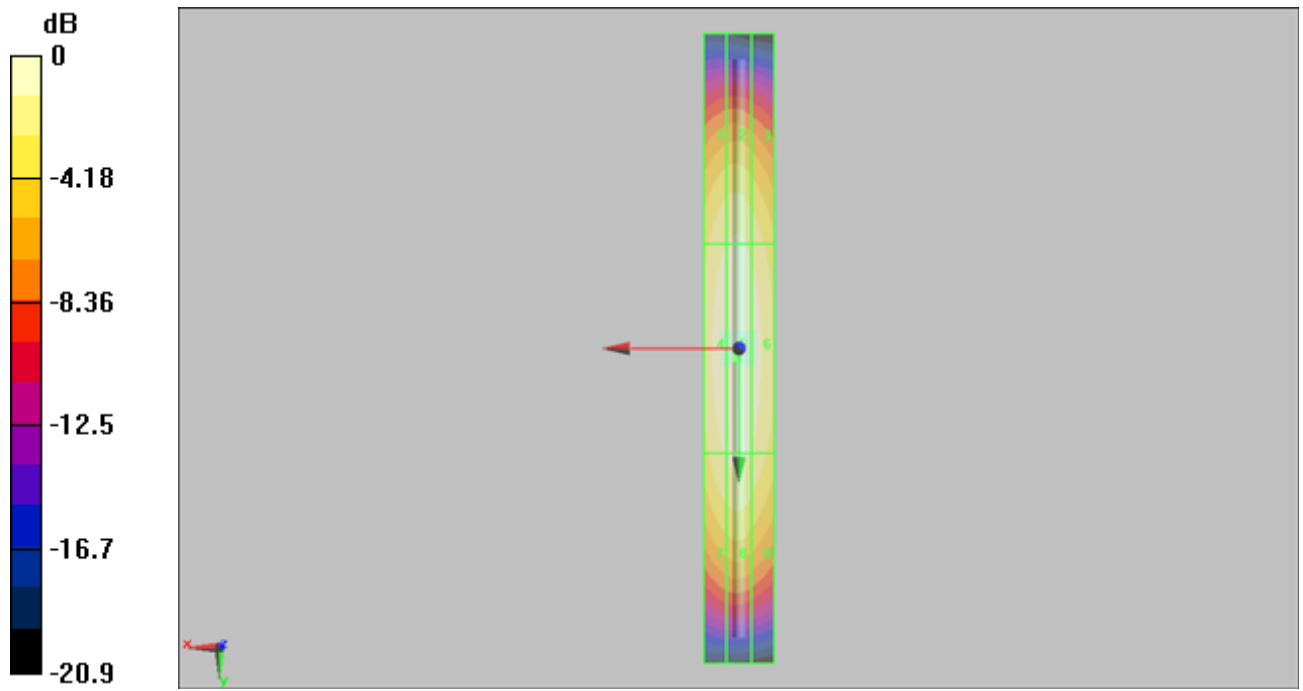
Maximum value of peak Total field = 0.443 A/m

Probe Modulation Factor = 1

Reference Value = 0.491 A/m; Power Drift = -0.0056 dB

**Maximum value of Total = 0.443 A/m**

Grid 1 <b>0.377 M4</b>	Grid 2 <b>0.388 M4</b>	Grid 3 <b>0.363 M4</b>
Grid 4 <b>0.429 M4</b>	Grid 5 <b>0.443 M4</b>	Grid 6 <b>0.415 M4</b>
Grid 7 <b>0.384 M4</b>	Grid 8 <b>0.398 M4</b>	Grid 9 <b>0.371 M4</b>



0 dB = 0.443 A/m

**HAC\_H\_Dipole\_1880\_090811**

**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 : 22.6

DASY5 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2009/1/19
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2008/9/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

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

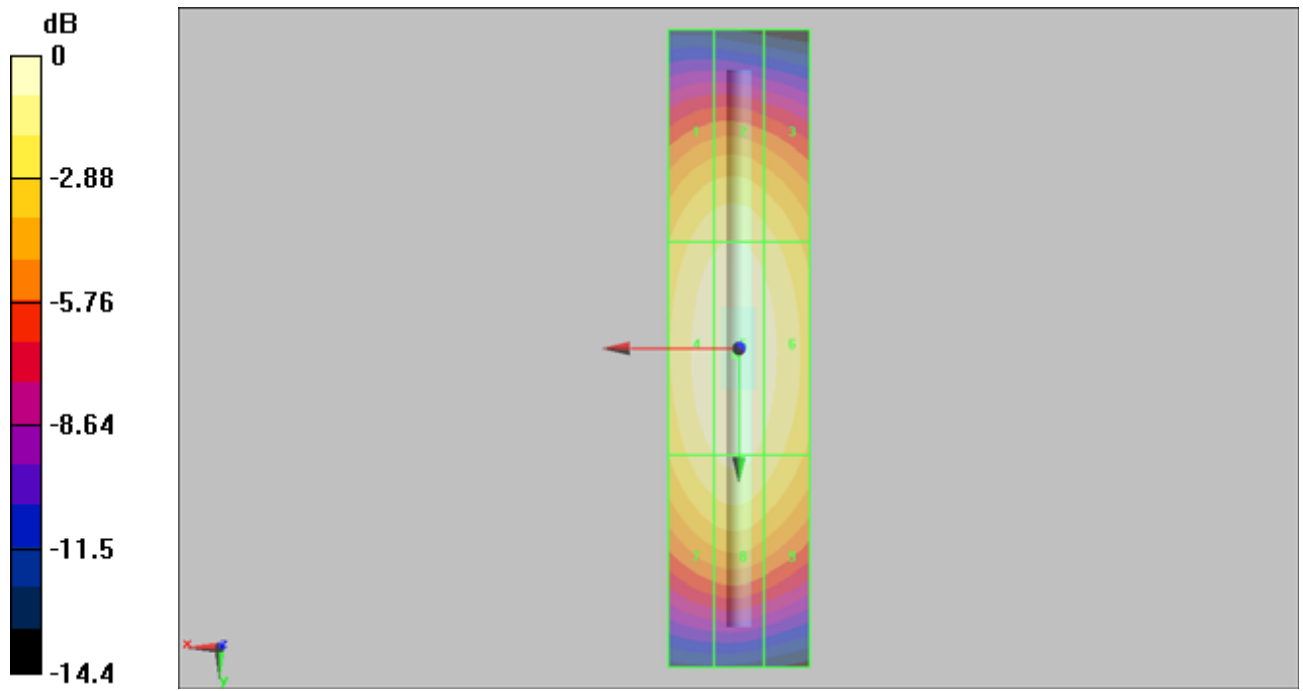
Maximum value of peak Total field = 0.452 A/m

Probe Modulation Factor = 1

Reference Value = 0.492 A/m; Power Drift = 0.082 dB

**Maximum value of Total = 0.452 A/m**

Grid 1 <b>0.396 M2</b>	Grid 2 <b>0.406 M2</b>	Grid 3 <b>0.382 M2</b>
Grid 4 <b>0.440 M2</b>	Grid 5 <b>0.452 M2</b>	Grid 6 <b>0.426 M2</b>
Grid 7 <b>0.404 M2</b>	Grid 8 <b>0.418 M2</b>	Grid 9 <b>0.391 M2</b>



0 dB = 0.452A/m