

**HAC\_E\_Dipole\_835\_091002**

**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 : 22.5

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; 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**

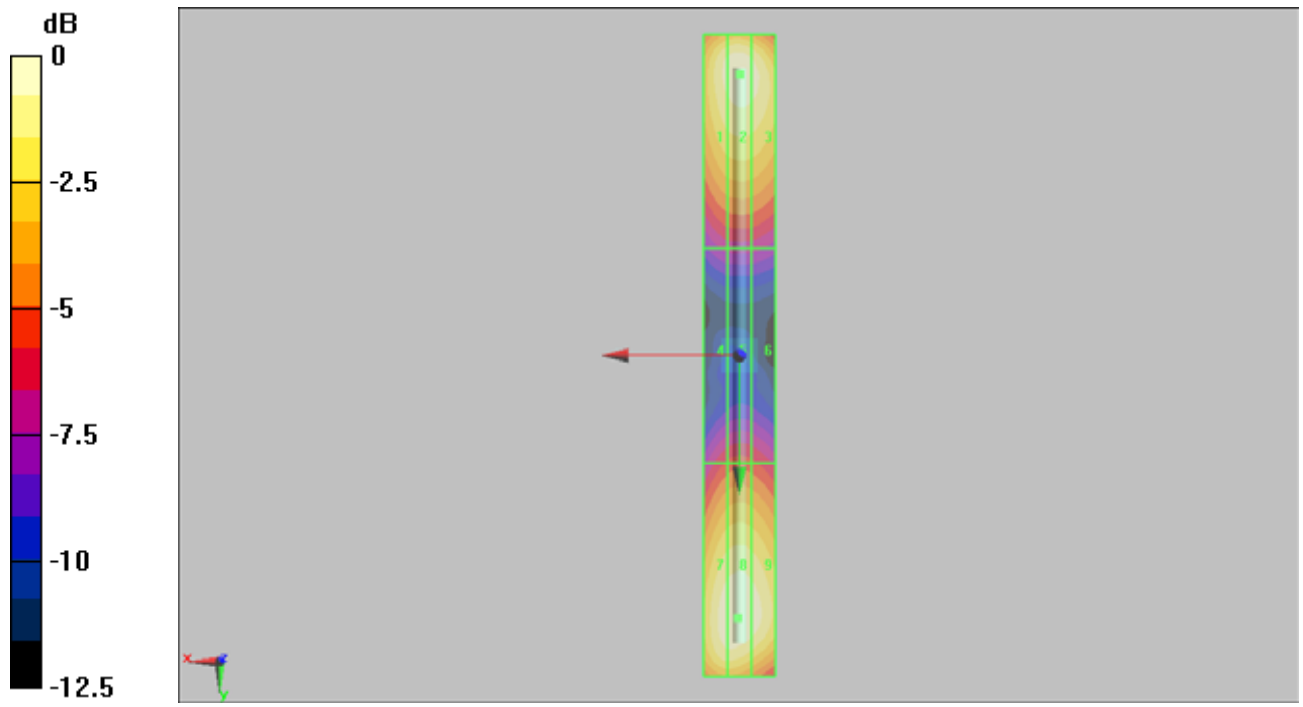
Maximum value of peak Total field = 168.4 V/m

Probe Modulation Factor = 1

Reference Value = 125.8 V/m; Power Drift = -0.029 dB

**Average value of Total=(166 + 168.4) / 2 =167.2 V/m**

Grid 1 <b>159.6 M4</b>	Grid 2 <b>166.0 M4</b>	Grid 3 <b>160.7 M4</b>
Grid 4 <b>87.4 M4</b>	Grid 5 <b>90.4 M4</b>	Grid 6 <b>88.2 M4</b>
Grid 7 <b>165.0 M4</b>	Grid 8 <b>168.4 M4</b>	Grid 9 <b>162.9 M4</b>



0 dB = 168.4V/m

**HAC\_E\_Dipole\_1880\_091002**

**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 : 22.4

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;

- 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**

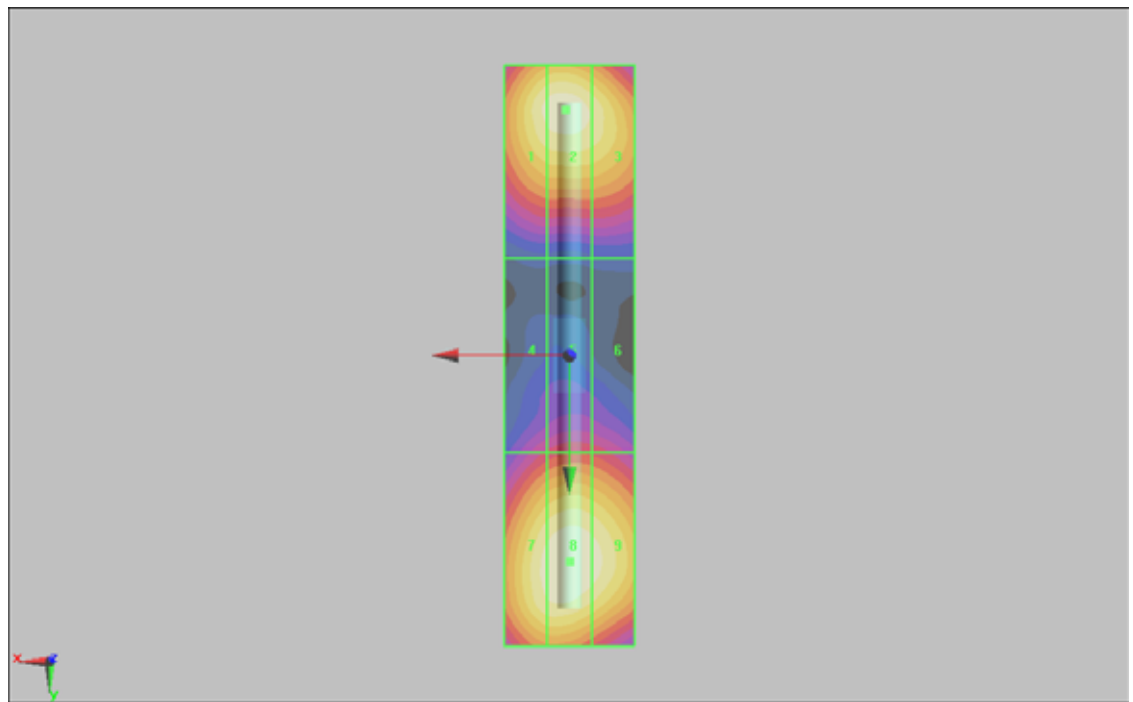
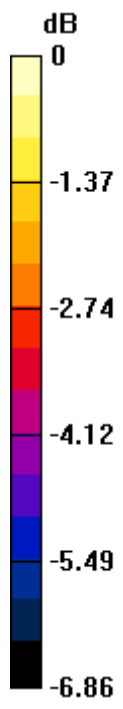
Maximum value of peak Total field = 135.0 V/m

Probe Modulation Factor = 1

Reference Value = 137.5 V/m; Power Drift = -0.053 dB

**Average value of Total=(133+135) / 2 = 134 V/m**

Grid 1 <b>130.3 M2</b>	Grid 2 <b>133.0 M2</b>	Grid 3 <b>127.2 M2</b>
Grid 4 <b>89.7 M3</b>	Grid 5 <b>93.6 M3</b>	Grid 6 <b>92.2 M3</b>
Grid 7 <b>131.3 M2</b>	Grid 8 <b>135.0 M2</b>	Grid 9 <b>131.6 M2</b>



0 dB = 135.0V/m

**HAC\_H\_Dipole\_835\_091002**

**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

DASY5 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2009/1/19

- 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

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

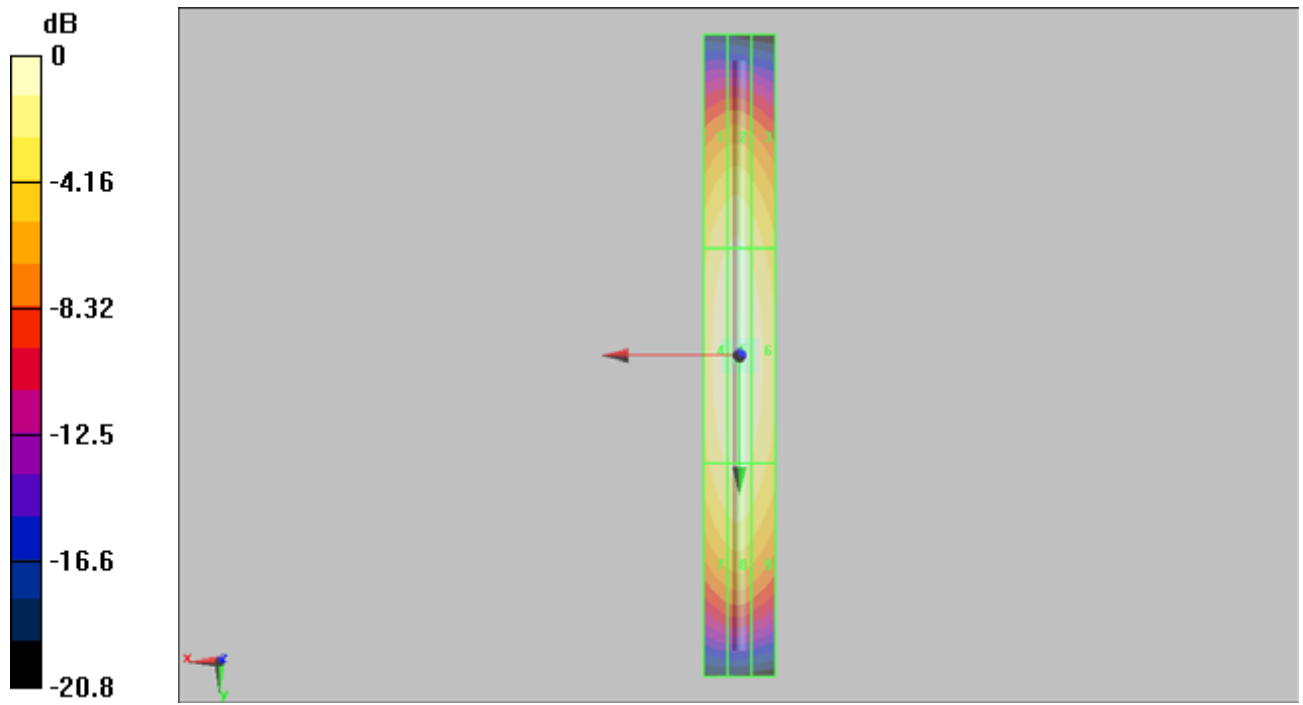
Maximum value of peak Total field = 0.482 A/m

Probe Modulation Factor = 1

Reference Value = 0.535 A/m; Power Drift = 0.000283 dB

**Maximum value of Total = 0.482 A/m**

Grid 1 <b>0.412 M4</b>	Grid 2 <b>0.424 M4</b>	Grid 3 <b>0.395 M4</b>
Grid 4 <b>0.467 M4</b>	Grid 5 <b>0.482 M4</b>	Grid 6 <b>0.452 M4</b>
Grid 7 <b>0.417 M4</b>	Grid 8 <b>0.433 M4</b>	Grid 9 <b>0.403 M4</b>



0 dB = 0.482A/m

**HAC\_H\_Dipole\_1880\_091002**

**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 : 22.4

DASY5 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2009/1/19

- 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

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

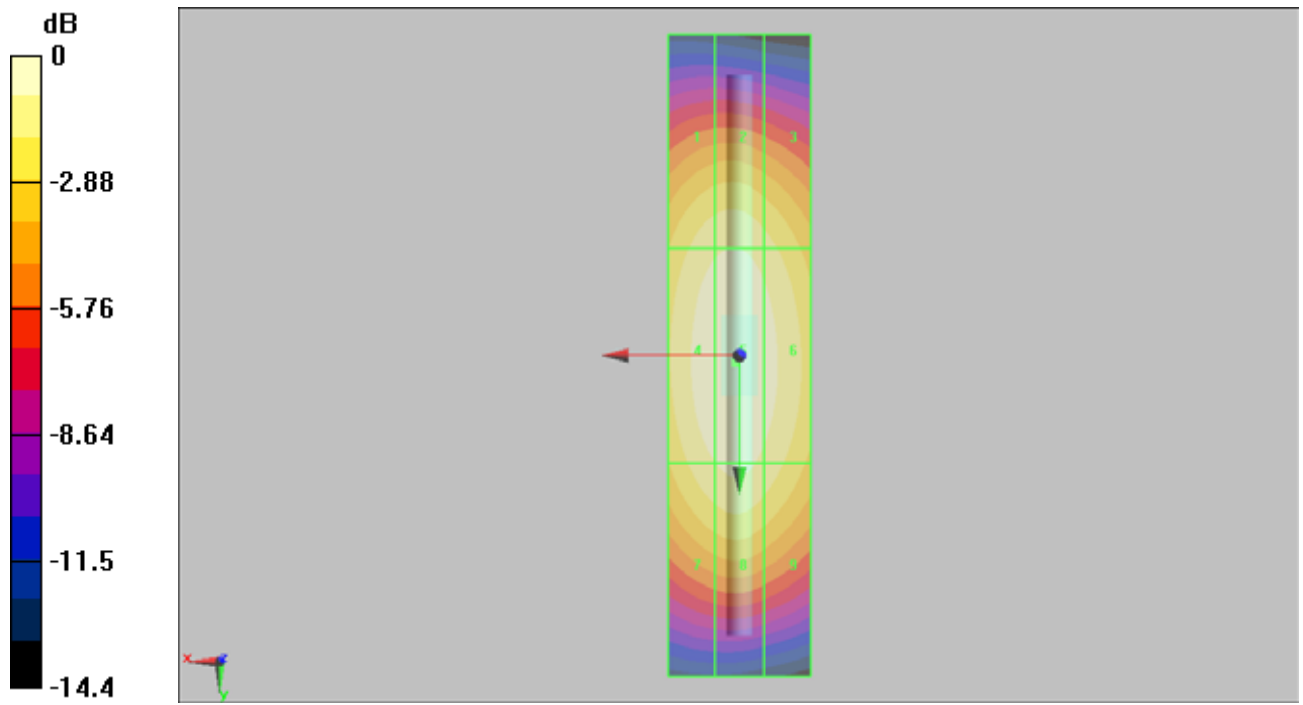
Maximum value of peak Total field = 0.461 A/m

Probe Modulation Factor = 1

Reference Value = 0.506 A/m; Power Drift = -0.00192 dB

**Maximum value of Total = 0.461 A/m**

Grid 1 <b>0.404 M2</b>	Grid 2 <b>0.414 M2</b>	Grid 3 <b>0.389 M2</b>
Grid 4 <b>0.449 M2</b>	Grid 5 <b>0.461 M2</b>	Grid 6 <b>0.434 M2</b>
Grid 7 <b>0.412 M2</b>	Grid 8 <b>0.426 M2</b>	Grid 9 <b>0.400 M2</b>



0 dB = 0.461A/m