

**HAC\_E\_Dipole\_835\_091120**

**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 : 22.4

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2009/1/14
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- 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**

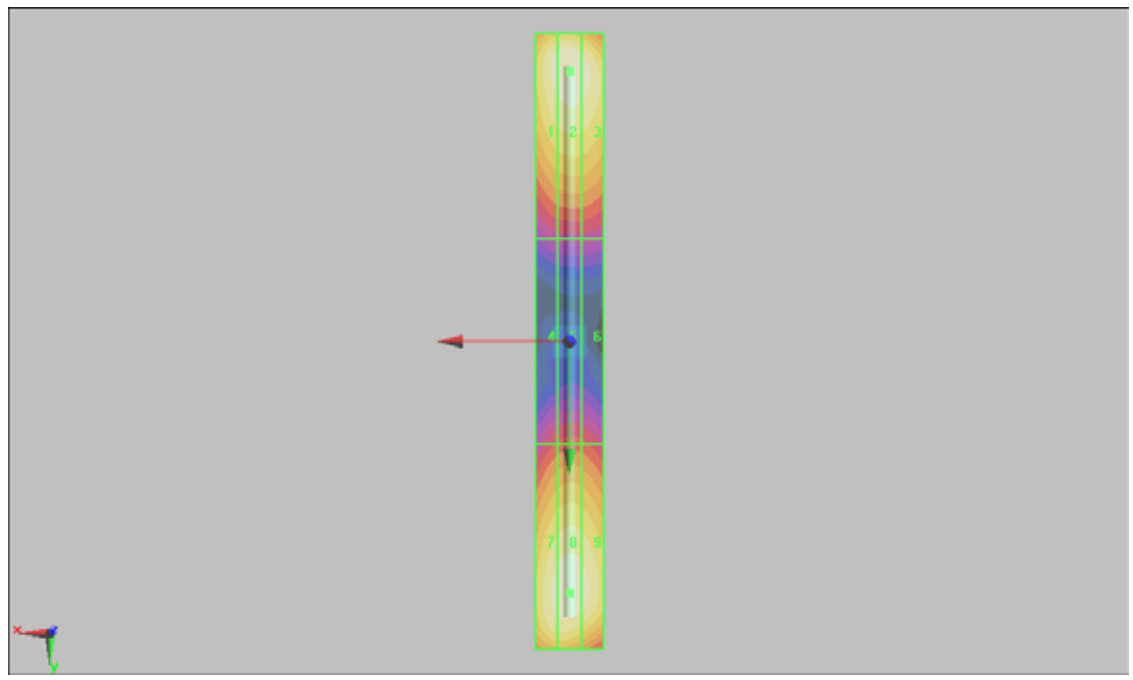
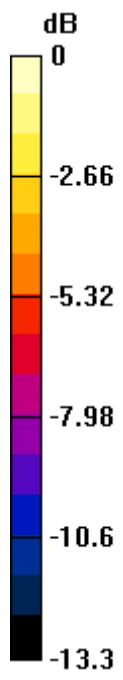
Probe Modulation Factor = 1

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 124.1 V/m; Power Drift = -0.026 dB

**Average value of Total = (170.8 + 167.8) / 2 = 169.3 V/m**

Grid 1 <b>164.8 M4</b>	Grid 2 <b>170.8 M4</b>	Grid 3 <b>166.0 M4</b>
Grid 4 <b>85.9 M4</b>	Grid 5 <b>89.2 M4</b>	Grid 6 <b>87.3 M4</b>
Grid 7 <b>162.3 M4</b>	Grid 8 <b>167.8 M4</b>	Grid 9 <b>162.5 M4</b>



0 dB = 170.8V/m

**HAC\_E\_Dipole\_1880\_091120**

**DUT: HAC Dipole 1880 MHz**

Communication System: PCS; 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: DAE3 Sn577; Calibrated: 2009/8/24

- 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

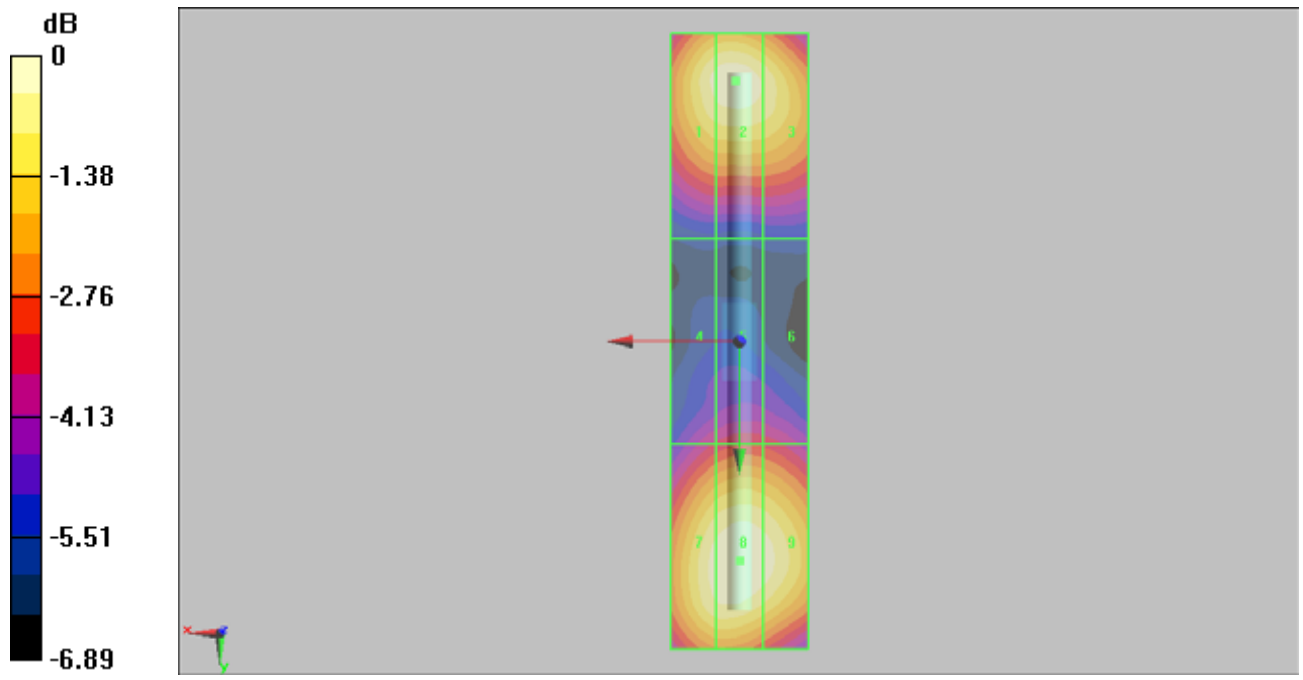
**E Scan - measurement distance from the probe sensor center to CD1880 Dipole = 10mm/Hearing Aid Compatibility Test (41x181x1):** Measurement grid: dx=5mm, dy=5mm

Probe Modulation Factor = 1

Reference Value = 142.4 V/m; Power Drift = -0.016 dB

**Average value of Total = (138.3 + 140.1) / 2 = 139.2V/m**

Grid 1 <b>135.4 M2</b>	Grid 2 <b>138.3 M2</b>	Grid 3 <b>132.2 M2</b>
Grid 4 <b>93.1 M3</b>	Grid 5 <b>97 M3</b>	Grid 6 <b>95.8 M3</b>
Grid 7 <b>136.5 M2</b>	Grid 8 <b>140.1 M2</b>	Grid 9 <b>136.7 M2</b>



0 dB = 140.1V/m

**HAC\_H\_Dipole\_835\_091120****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

## DASY5 Configuration:

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

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn778; Calibrated: 2009/9/18

- 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

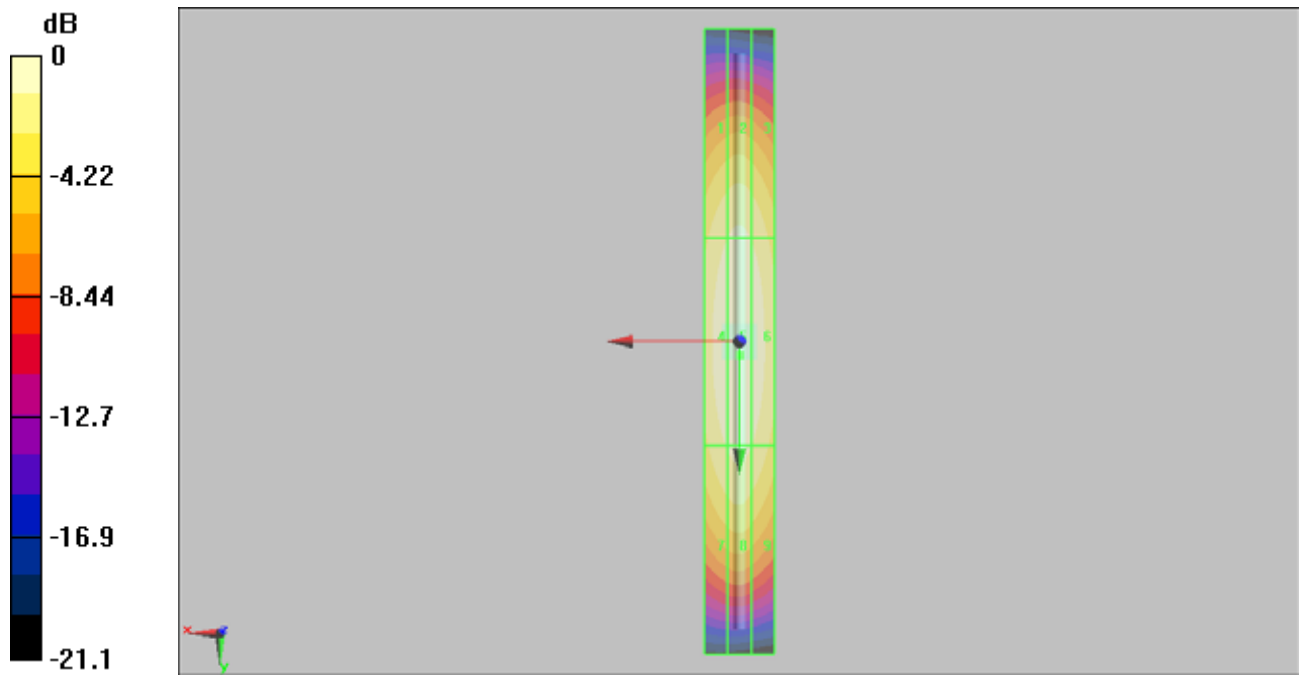
**H Scan - measurement distance from the probe sensor center to CD835 Dipole = 10mm/Hearing Aid Compatibility Test (41x361x1): Measurement grid: dx=5mm, dy=5mm**

Probe Modulation Factor = 1

Reference Value = 0.502 A/m; Power Drift = -0.012 dB

**Maximum value of Total = 0.453 A/m**

Grid 1 <b>0.384 M4</b>	Grid 2 <b>0.400 M4</b>	Grid 3 <b>0.381 M4</b>
Grid 4 <b>0.434 M4</b>	Grid 5 <b>0.453 M4</b>	Grid 6 <b>0.432 M4</b>
Grid 7 <b>0.389 M4</b>	Grid 8 <b>0.406 M4</b>	Grid 9 <b>0.385 M4</b>



0 dB = 0.453A/m

**HAC\_H\_Dipole\_1880\_091120**

**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: 2009/9/18

- 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

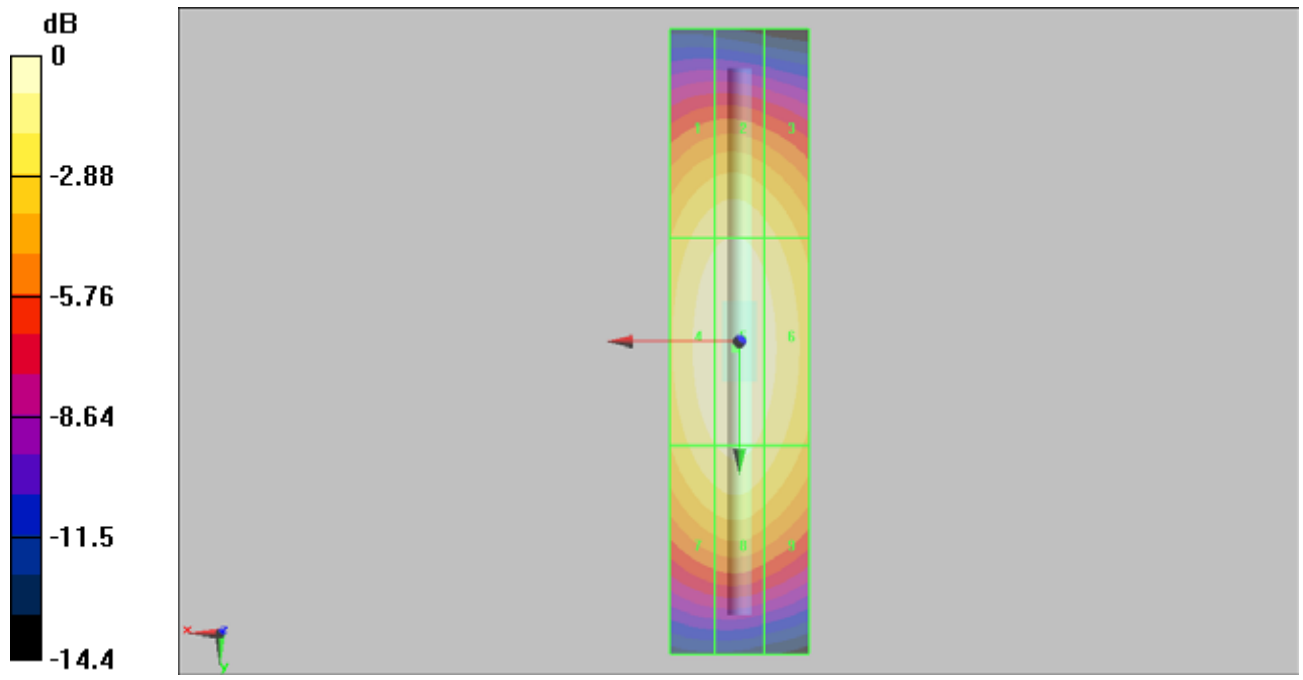
**H Scan - measurement distance from the probe sensor center to CD1880 Dipole = 10mm/Hearing Aid Compatibility Test (41x181x1): Measurement grid: dx=5mm, dy=5mm**

Probe Modulation Factor = 1

Reference Value = 0.538 A/m; Power Drift = -0.012 dB

**Maximum value of Total = 0.49 A/m**

Grid 1 <b>0.429 M2</b>	Grid 2 <b>0.439 M2</b>	Grid 3 <b>0.414 M2</b>
Grid 4 <b>0.476 M2</b>	Grid 5 <b>0.490 M2</b>	Grid 6 <b>0.461 M2</b>
Grid 7 <b>0.437 M2</b>	Grid 8 <b>0.452 M2</b>	Grid 9 <b>0.424 M2</b>



0 dB = 0.490A/m