

HAC_E_Dipole_835_110411**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/m³

Ambient Temperature : 22.4

DASY5 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; 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 = 171.8 V/m

Probe Modulation Factor = 1

Reference Value = 128.1 V/m; Power Drift = -0.0066 dB

Hearing Aid Near-Field Category: M4 (AWF 0 dB)**Average Value of Total = (169.3 + 171.8) / 2 = 170.55 V/m**

Peak E-field in V/m

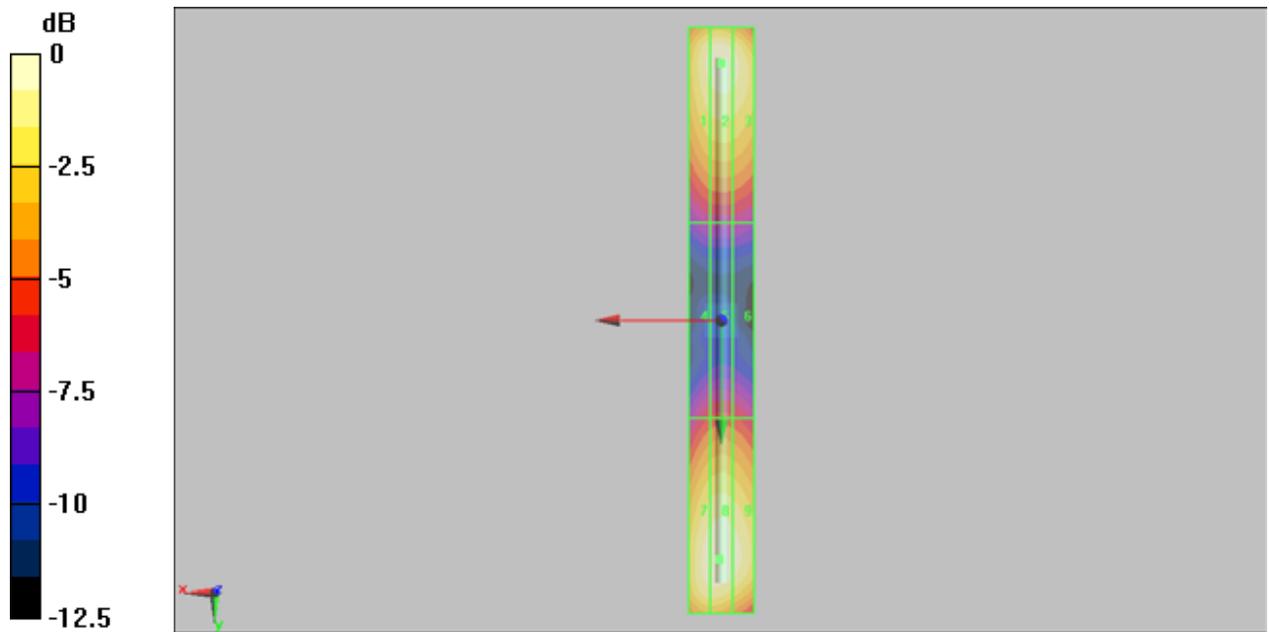
Grid 1 162.6 M4	Grid 2 169.3 M4	Grid 3 163.7 M4
Grid 4 89.1 M4	Grid 5 92.3 M4	Grid 6 90 M4
Grid 7 168.3 M4	Grid 8 171.8 M4	Grid 9 166.0 M4

Cursor:

Total = 171.8 V/m

E Category: M4

Location: 0.5, 73.5, 4.7 mm



0 dB = 171.8V/m

HAC_E_Dipole_1880_110411**DUT: HAC Dipole 1880 MHz**

Communication System: GSM850; Frequency: 1880 MHz; Duty Cycle: 1:1
 Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³
 Ambient Temperature : 22.5

DASY5 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: 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 = 145.1 V/m

Probe Modulation Factor = 1

Reference Value = 147.4 V/m; Power Drift = -0.015 dB

Average Value of Total = (143.6 + 145.1) / 2 = 144.35 V/m

Peak E-field in V/m

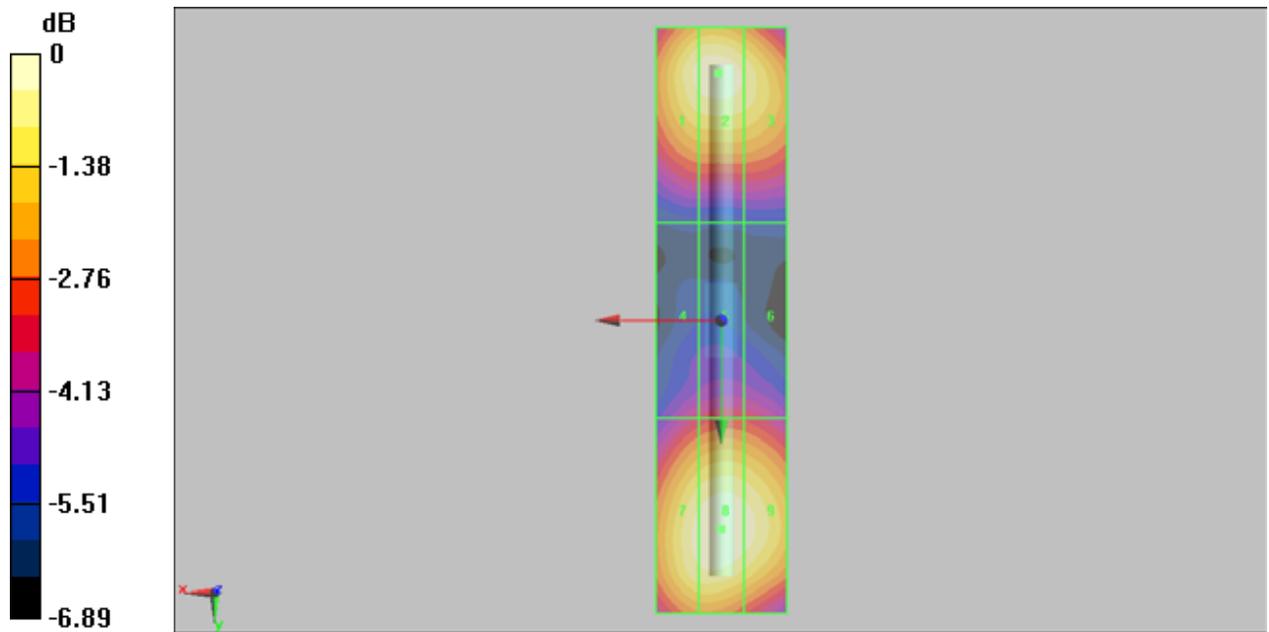
Grid 1 140.5 M2	Grid 2 143.6 M2	Grid 3 136.8 M2
Grid 4 96.4 M3	Grid 5 100.5 M3	Grid 6 99.1 M3
Grid 7 141.3 M2	Grid 8 145.1 M2	Grid 9 141.6 M2

Cursor:

Total = 145.1 V/m

E Category: M2

Location: 0, 32, 4.7 mm



0 dB = 145.1V/m

HAC_H_Dipole_835_110411**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/m³

Ambient Temperature : 22.5

DASY5 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: 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 = 0.518 A/m; Power Drift = -5.68e-005 dB

Maximum Value of Total = 0.468 A/m

Peak H-field in A/m

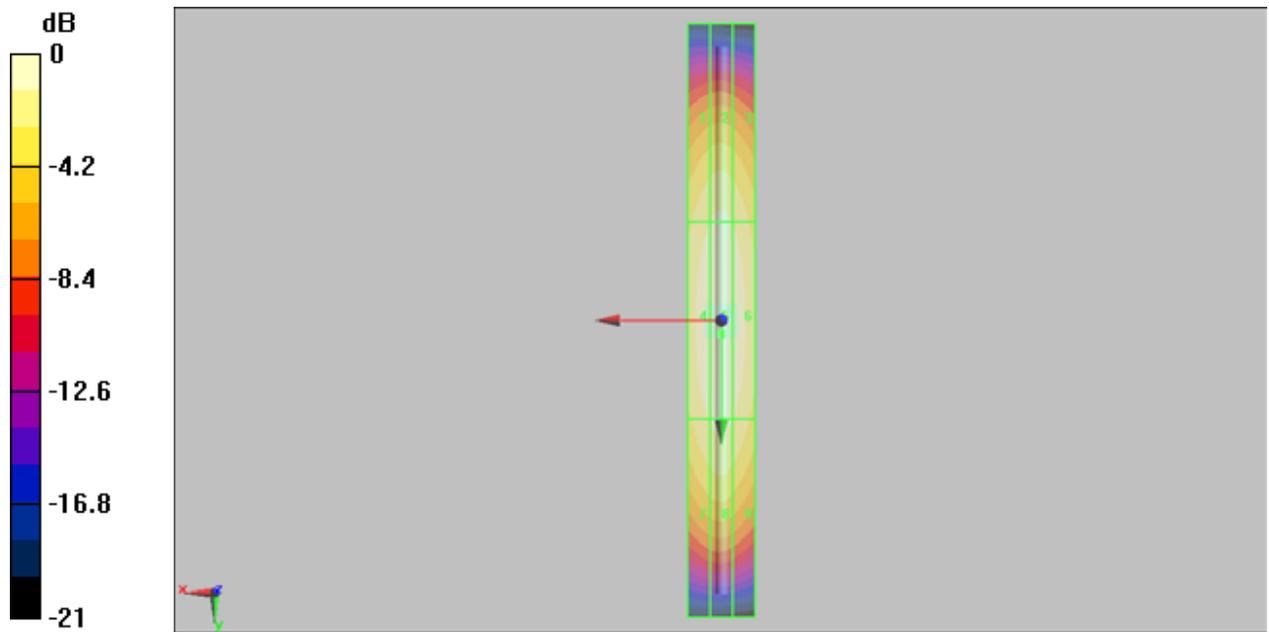
Grid 1 0.396 M4	Grid 2 0.412 M4	Grid 3 0.394 M4
Grid 4 0.448 M4	Grid 5 0.468 M4	Grid 6 0.446 M4
Grid 7 0.402 M4	Grid 8 0.419 M4	Grid 9 0.398 M4

Cursor:

Total = 0.468 A/m

H Category: M4

Location: 0, 4, 5.2 mm



0 dB = 0.468A/m

HAC_H_Dipole_1880_110411

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/m³

Ambient Temperature : 22.4

DASY5 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: 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 = 0.541 A/m; Power Drift = -0.00563 dB

Maximum Value of Total = 0.493 A/m

Peak H-field in A/m

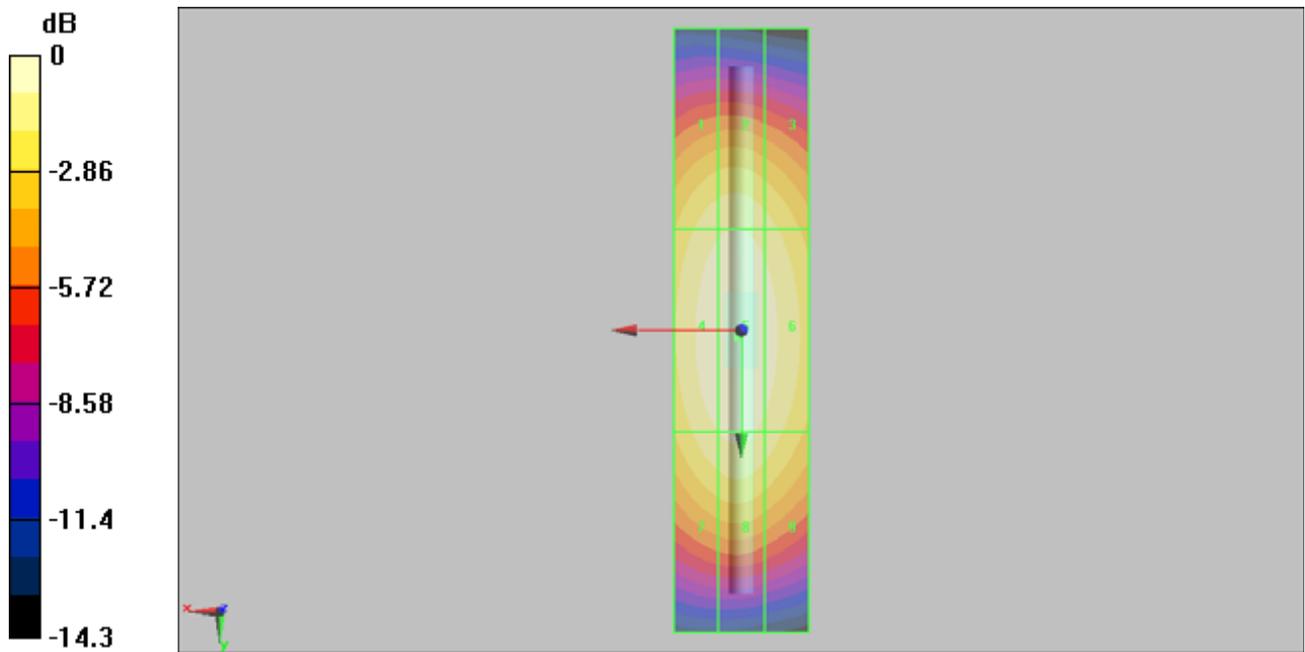
Grid 1 0.432 M2	Grid 2 0.442 M2	Grid 3 0.417 M2
Grid 4 0.480 M2	Grid 5 0.493 M2	Grid 6 0.464 M2
Grid 7 0.441 M2	Grid 8 0.456 M2	Grid 9 0.427 M2

Cursor:

Total = 0.493 A/m

H Category: M2

Location: 0.5, 1, 5.2 mm



0 dB = 0.493A/m