

HAC_E_Dipole_835_091105**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/m³

Ambient Temperature : 22.4 °C

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;
- 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

Reference Value = 134.5 V/m; Power Drift = -0.00553 dB

Average value of Total = (185.5 + 181.9) / 2 = 183.7 V/m

Peak E-field in V/m

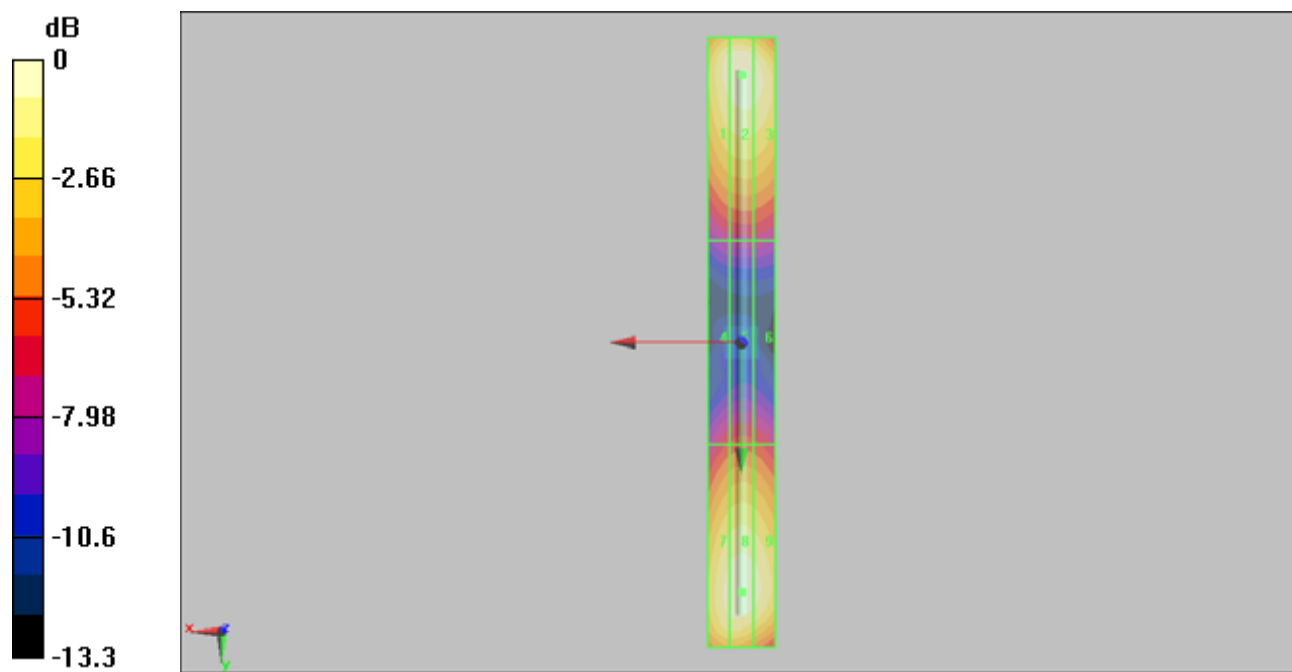
Grid 1 178.9 M4	Grid 2 185.5 M4	Grid 3 180.1 M4
Grid 4 93.1 M4	Grid 5 96.8 M4	Grid 6 94.7 M4
Grid 7 176.0 M4	Grid 8 181.9 M4	Grid 9 176.3 M4

Cursor:

Total = 185.5 V/m

E Category: M4

Location: 0, -79, 4.7 mm



HAC_E_Dipole_1880_091105**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 : 22.6 °C

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;
- 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 = 143.4 V/m; Power Drift = -0.020 dB

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

Peak E-field in V/m

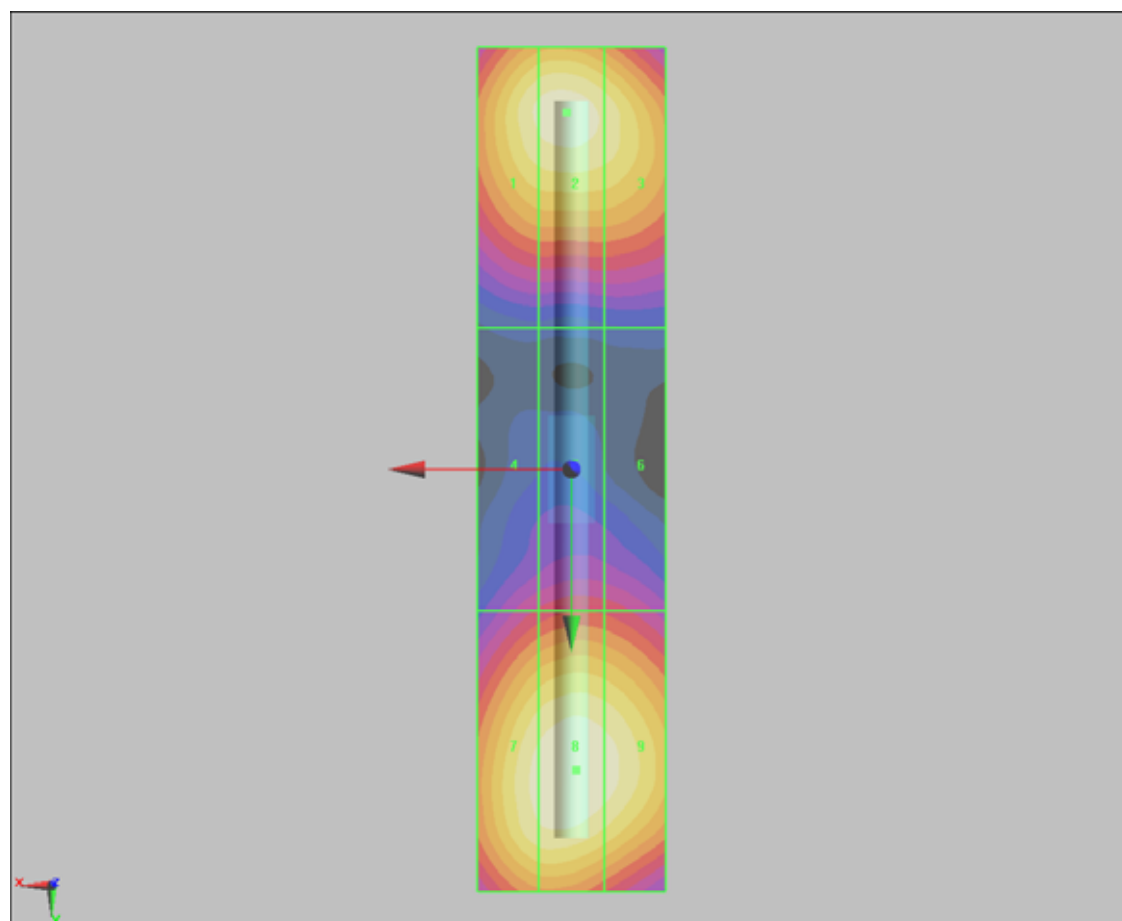
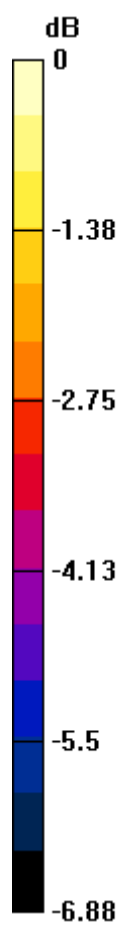
Grid 1 135.7 M2	Grid 2 138.6 M2	Grid 3 132.6 M2
Grid 4 93.5 M3	Grid 5 97.7 M3	Grid 6 96.4 M3
Grid 7 137.2 M2	Grid 8 141.2 M2	Grid 9 137.8 M2

Cursor:

Total = 141.2 V/m

E Category: M2

Location: -0.5, 32, 4.7 mm



0 dB = 141.2V/m

HAC_H_Dipole_835_091105**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 : 22.4 °C

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 = 0.508 A/m; Power Drift = -0.00762 dB

Maximum value of Total = 0.459 A/m

Peak H-field in A/m

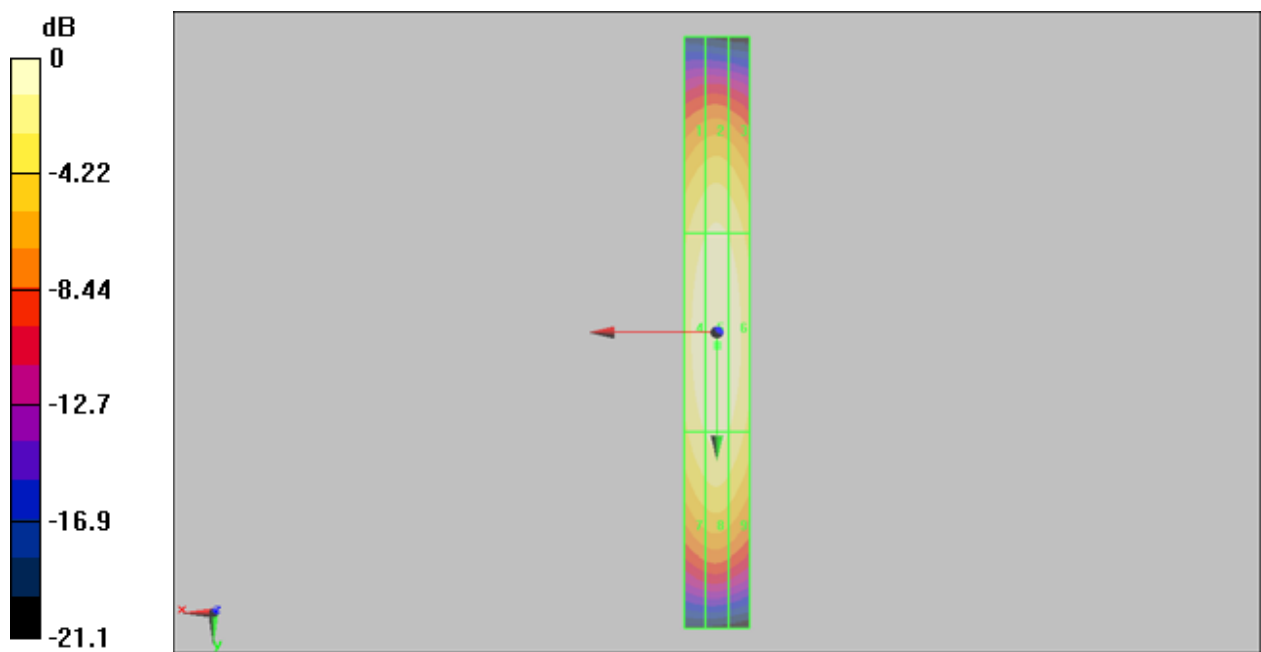
Grid 1 0.388 M4	Grid 2 0.404 M4	Grid 3 0.386 M4
Grid 4 0.439 M4	Grid 5 0.459 M4	Grid 6 0.438 M4
Grid 7 0.394 M4	Grid 8 0.411 M4	Grid 9 0.390 M4

Cursor:

Total = 0.459 A/m

H Category: M4

Location: 0, 4, 5.2 mm



0 dB = 0.459A/m

HAC_H_Dipole_1880_091105**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 : 22.6 °C

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 = 0.525 A/m; Power Drift = -0.0043 dB

Maximum value of Total = 0.477 A/m

Peak H-field in A/m

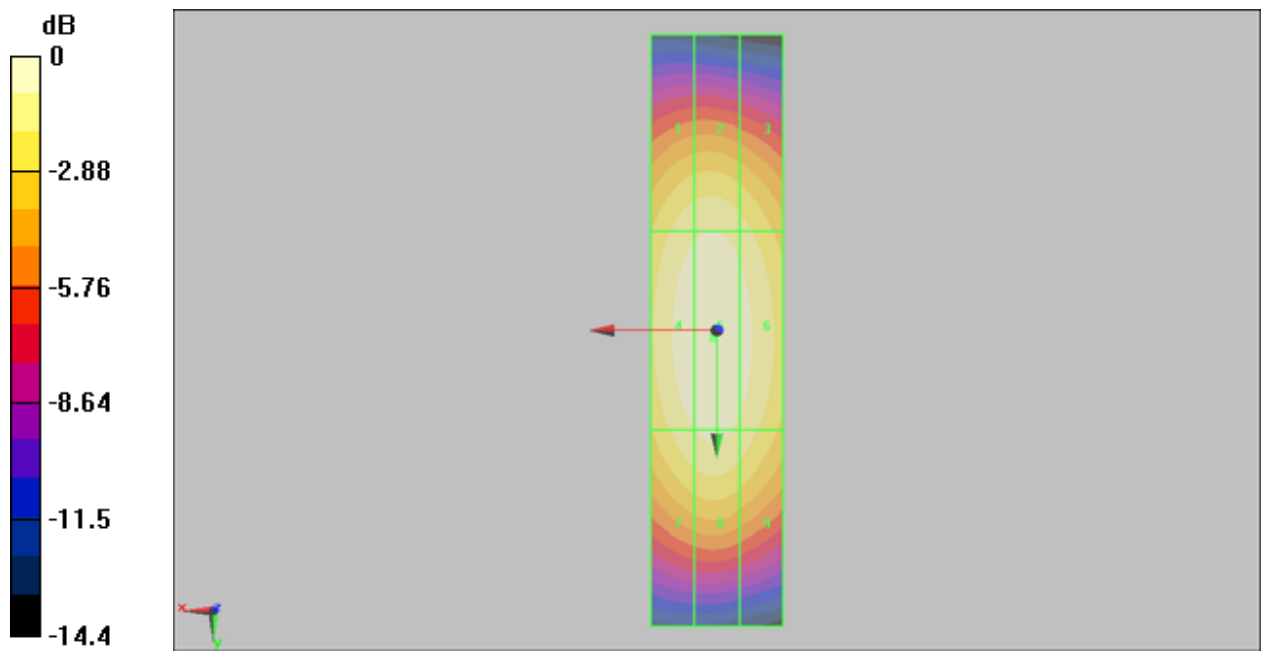
Grid 1 0.419 M2	Grid 2 0.428 M2	Grid 3 0.402 M2
Grid 4 0.464 M2	Grid 5 0.477 M2	Grid 6 0.450 M2
Grid 7 0.426 M2	Grid 8 0.442 M2	Grid 9 0.415 M2

Cursor:

Total = 0.477 A/m

H Category: M2

Location: 0.5, 1, 5.2 mm



0 dB = 0.477A/m