

HAC_E_Dipole_835_101215**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 : 22.5

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2010/1/22
- 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

Probe Modulation Factor = 1

Reference Value = 140.9 V/m; Power Drift = -0.00221 dB

Average Value of Total = (164.2 + 196.1) / 2 = 180.15 V/m

Peak E-field in V/m

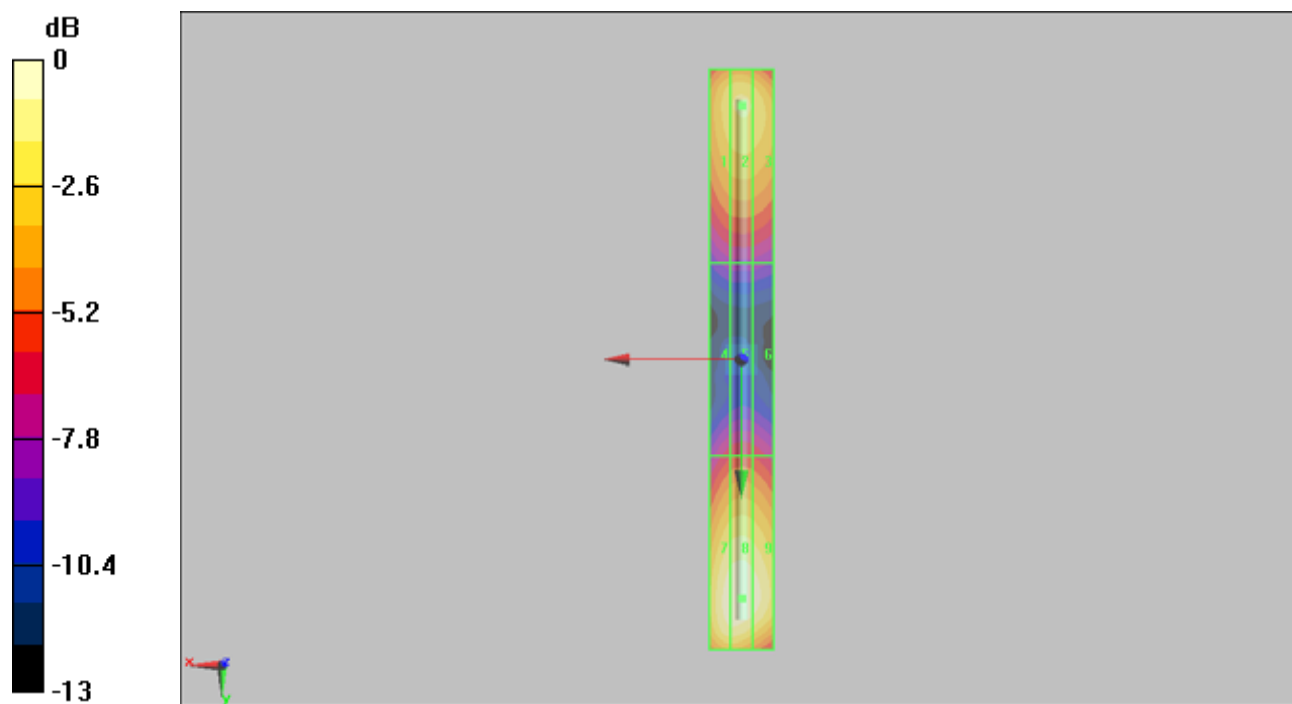
Grid 1 158.4 M4	Grid 2 164.2 M4	Grid 3 159.8 M4
Grid 4 96.5 M4	Grid 5 100.1 M4	Grid 6 97.5 M4
Grid 7 191.8 M4	Grid 8 196.1 M4	Grid 9 188.9 M4

Cursor:

Total = 196.1 V/m

E Category: M4

Location: 0, 74, 4.7 mm



HAC_E_Dipole_1880_101215**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: 2010/1/22
- 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

Probe Modulation Factor = 1

Reference Value = 142.5 V/m; Power Drift = -0.016 dB

Average Value of Total = (138.5 + 140.4) / 2 = 139.45 V/m

Peak E-field in V/m

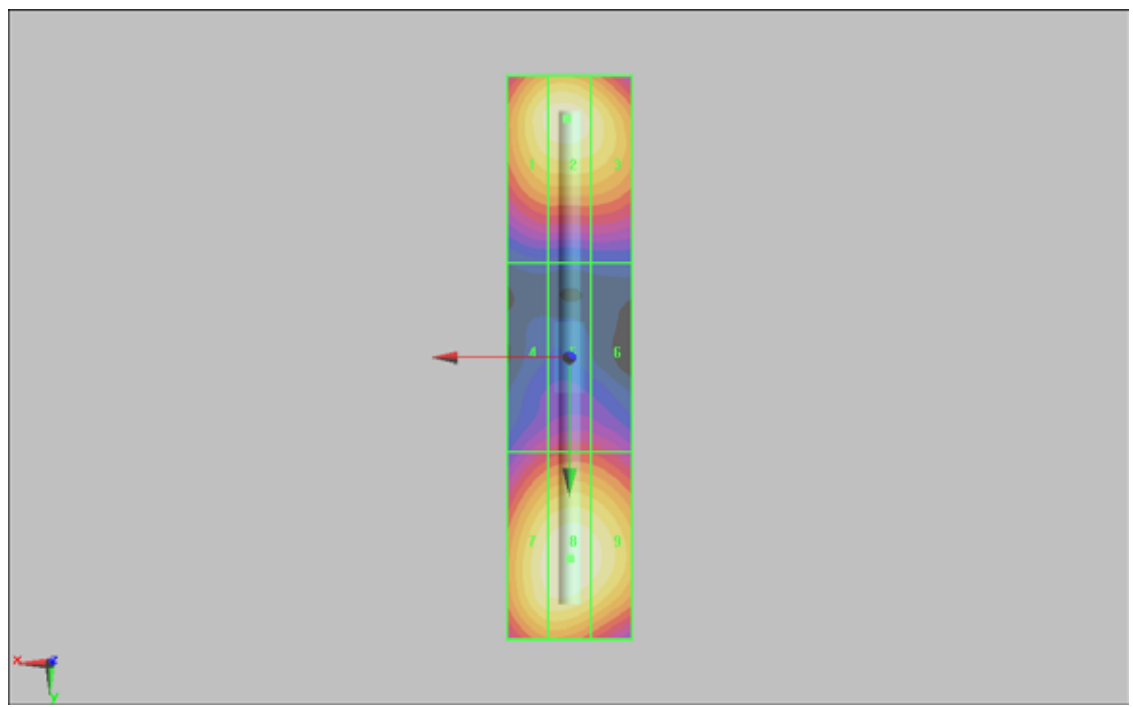
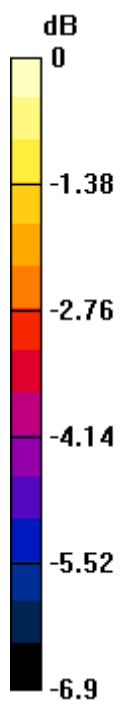
Grid 1 135.7 M2	Grid 2 138.5 M2	Grid 3 132.4 M2
Grid 4 93.2 M3	Grid 5 97.2 M3	Grid 6 95.9 M3
Grid 7 136.8 M2	Grid 8 140.4 M2	Grid 9 137.0 M2

Cursor:

Total = 140.4 V/m

E Category: M2

Location: 0, 32, 4.7 mm



0 dB = 140.4V/m

HAC_H_Dipole_835_101215**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: 2010/1/22
- 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 = 0.482 A/m; Power Drift = 0.00742 dB

Maximum Value of Total = 0.434 A/m

Peak H-field in A/m

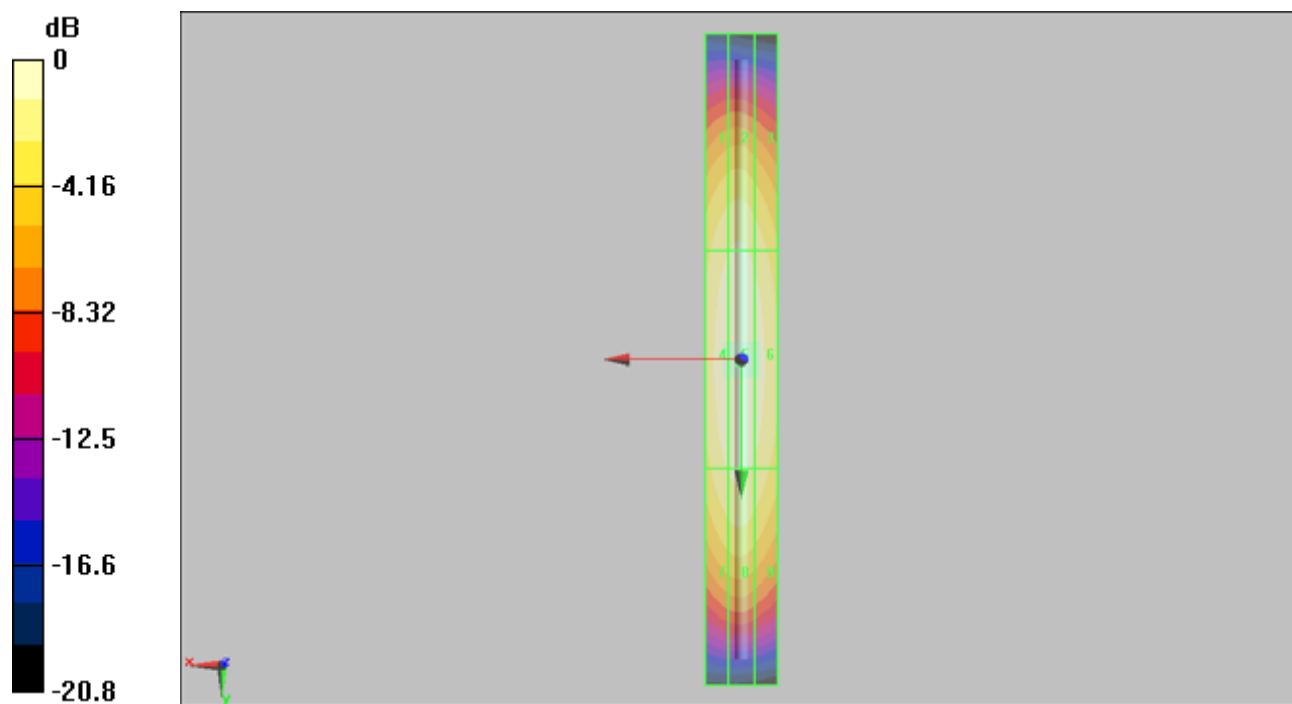
Grid 1 0.369 M4	Grid 2 0.380 M4	Grid 3 0.354 M4
Grid 4 0.419 M4	Grid 5 0.434 M4	Grid 6 0.406 M4
Grid 7 0.375 M4	Grid 8 0.389 M4	Grid 9 0.363 M4

Cursor:

Total = 0.434 A/m

H Category: M4

Location: 0.5, 1, 5.2 mm



HAC_H_Dipole_1880_101215**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 : 22.5

DASY5 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2010/1/22
- 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 = 0.512 A/m; Power Drift = -0.00194 dB

Maximum Value of Total = 0.465 A/m

Peak H-field in A/m

Grid 1 0.407 M2	Grid 2 0.417 M2	Grid 3 0.391 M2
Grid 4 0.452 M2	Grid 5 0.465 M2	Grid 6 0.437 M2
Grid 7 0.415 M2	Grid 8 0.430 M2	Grid 9 0.403 M2

Cursor:

Total = 0.465 A/m

H Category: M2

Location: 0.5, 1, 5.2 mm

