

HAC_E_Dipole_835_101126**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 : 22.6

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2010/1/22
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- 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 = 140.8 V/m; Power Drift = -0.0022 dB

Average Value of Total = (164.0 + 195.9) / 2 = 179.95 V/m

Peak E-field in V/m

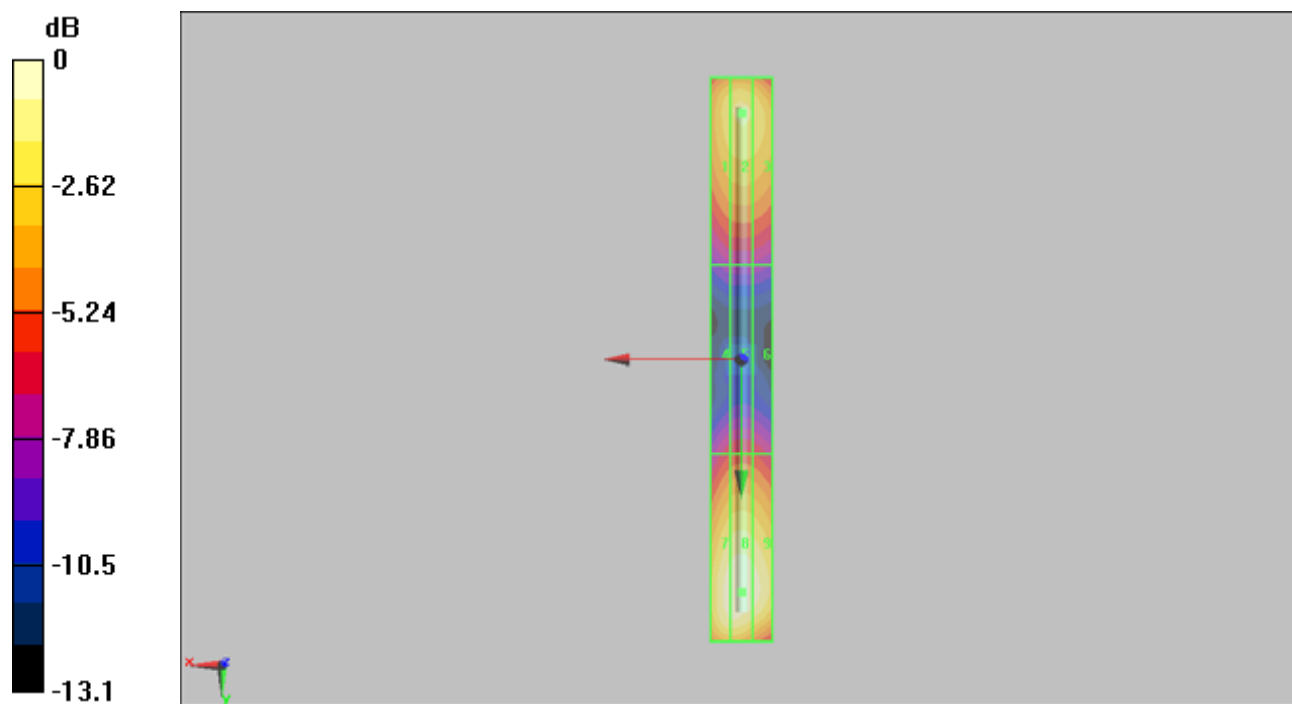
Grid 1 158.3 M4	Grid 2 164.0 M4	Grid 3 159.6 M4
Grid 4 96.4 M4	Grid 5 100 M4	Grid 6 97.4 M4
Grid 7 191.6 M4	Grid 8 195.9 M4	Grid 9 188.8 M4

Cursor:

Total = 195.9 V/m

E Category: M4

Location: 0, 74, 4.7 mm



HAC_E_Dipole_1880_101125**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/m³

Ambient Temperature : 22.7 °C

DASY4 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: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

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 = 1.00

Reference Value = 141.6 V/m; Power Drift = 0.016 dB

Average Value of Total = (133.4 + 136.6) / 2 = 135.0 V/m

Peak E-field in V/m

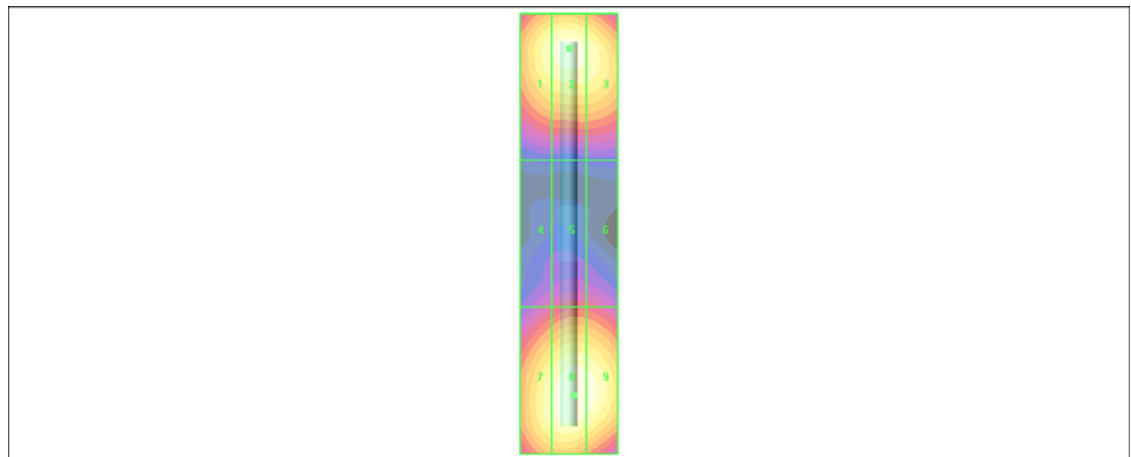
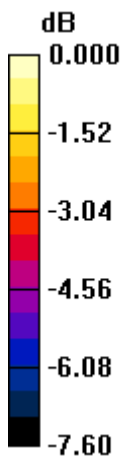
Grid 1 129.1 M2	Grid 2 133.4 M2	Grid 3 129.6 M2
Grid 4 85.0 M3	Grid 5 90.1 M3	Grid 6 89.2 M3
Grid 7 128.7 M2	Grid 8 136.6 M2	Grid 9 134.4 M2

Cursor:

Total = 136.6 V/m

E Category: M2

Location: -1, 33, 4.7 mm



0 dB = 136.6V/m

HAC_E_Dipole_1880_101126**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: DAE3 Sn577; Calibrated: 2010/8/18
- 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 = 144.0 V/m; Power Drift = -0.018 dB

Average Value of Total = (139.9 + 141.7) / 2 = 140.8 V/m

Peak E-field in V/m

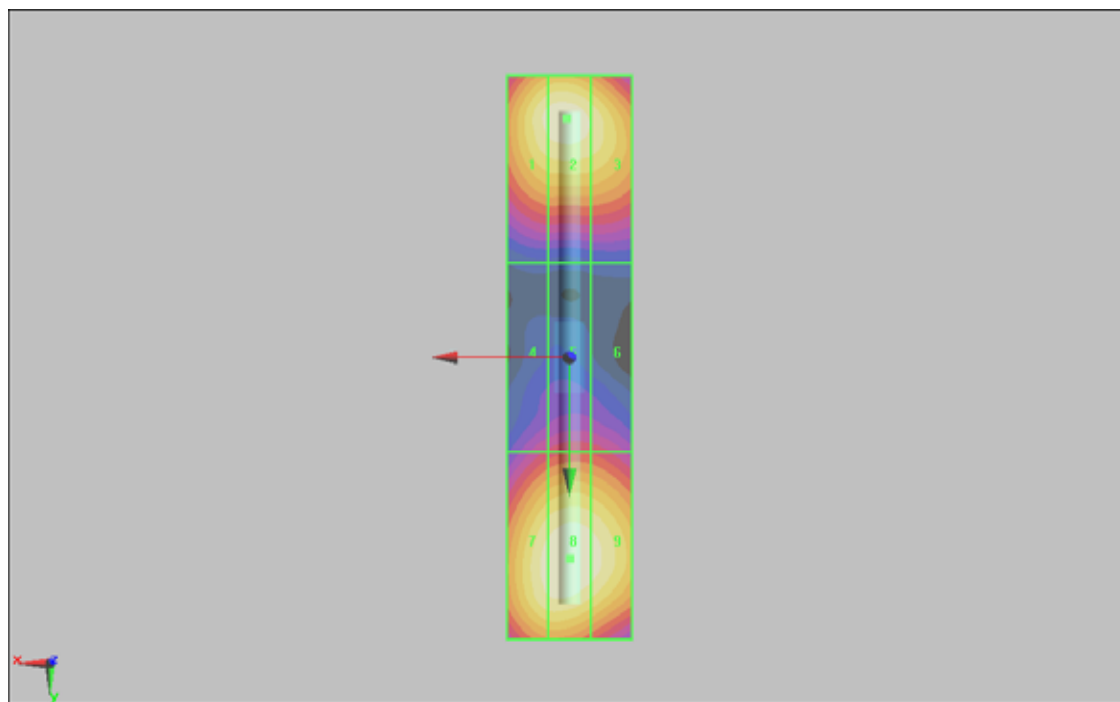
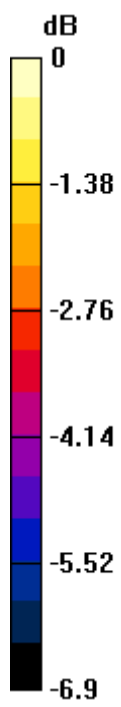
Grid 1 137.0 M2	Grid 2 139.9 M2	Grid 3 133.7 M2
Grid 4 94.2 M3	Grid 5 98.1 M3	Grid 6 96.9 M3
Grid 7 138.2 M2	Grid 8 141.7 M2	Grid 9 138.4 M2

Cursor:

Total = 141.7 V/m

E Category: M2

Location: 0, 32, 4.7 mm



0 dB = 141.7V/m

HAC_H_Dipole_835_101128**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 °C

DASY4 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: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

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 = 1.00

Reference Value = 0.532 A/m; Power Drift = -0.020 dB

Maximum Value of Total = 0.480 A/m

Peak H-field in A/m

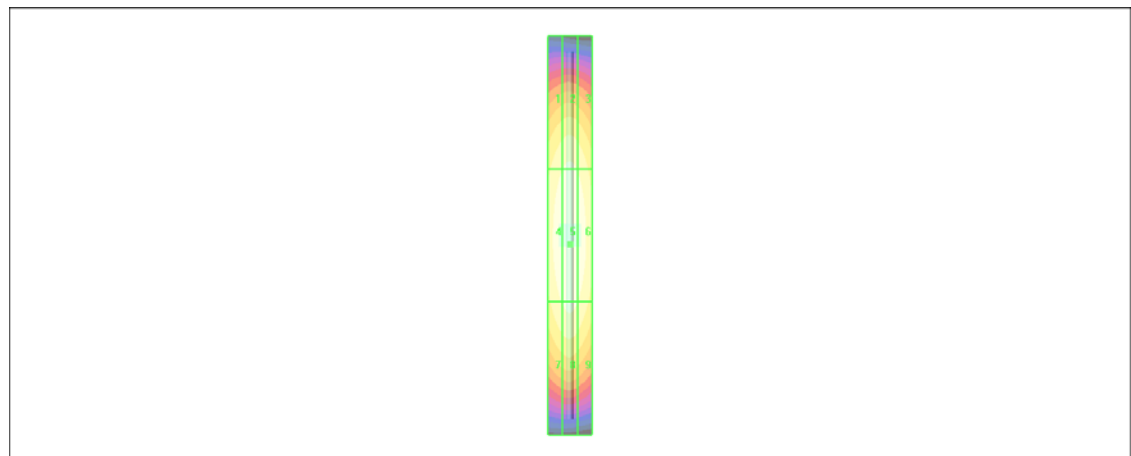
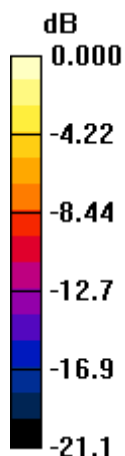
Grid 1 0.406 M4	Grid 2 0.423 M4	Grid 3 0.403 M4
Grid 4 0.459 M4	Grid 5 0.480 M4	Grid 6 0.457 M4
Grid 7 0.412 M4	Grid 8 0.429 M4	Grid 9 0.407 M4

Cursor:

Total = 0.480 A/m

H Category: M4

Location: 0, 4, 5.2 mm



0 dB = 0.480A/m

HAC_H_Dipole_1880_101126**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: 2010/1/22
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- 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 = 0.535 A/m; Power Drift = -0.00847 dB

Maximum Value of Total = 0.487 A/m

Peak H-field in A/m

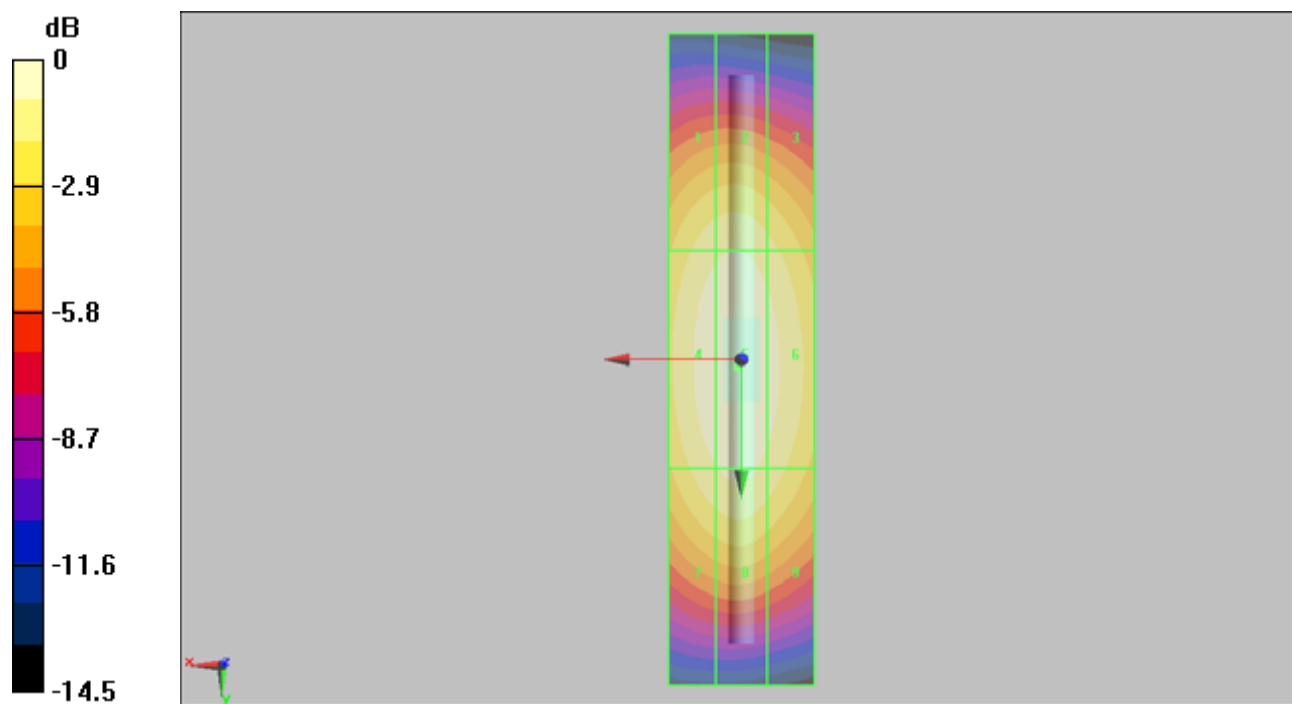
Grid 1 0.426 M2	Grid 2 0.436 M2	Grid 3 0.409 M2
Grid 4 0.473 M2	Grid 5 0.487 M2	Grid 6 0.457 M2
Grid 7 0.434 M2	Grid 8 0.450 M2	Grid 9 0.421 M2

Cursor:

Total = 0.487 A/m

H Category: M2

Location: 0.5, 1, 5.2 mm



0 dB = 0.487A/m

HAC_H_Dipole_1880_101128**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

DASY4 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: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

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 = 1.00

Reference Value = 0.530 A/m; Power Drift = -0.004 dB

Maximum Value of Total = 0.482 A/m

Peak H-field in A/m

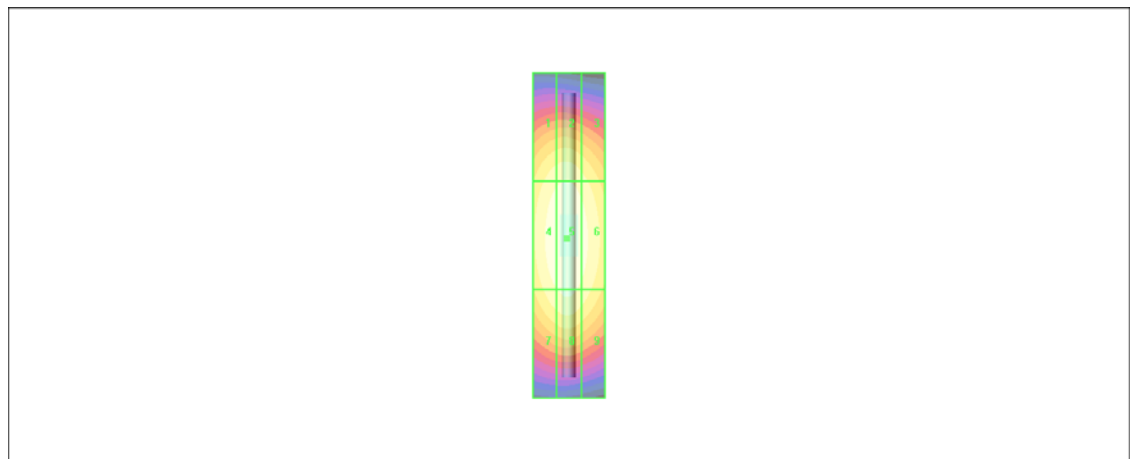
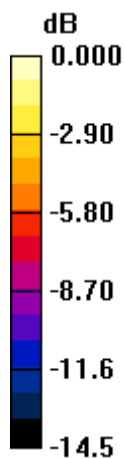
Grid 1 0.421 M2	Grid 2 0.431 M2	Grid 3 0.405 M2
Grid 4 0.468 M2	Grid 5 0.482 M2	Grid 6 0.453 M2
Grid 7 0.429 M2	Grid 8 0.445 M2	Grid 9 0.417 M2

Cursor:

Total = 0.482 A/m

H Category: M2

Location: 0.5, 1, 5.2 mm



0 dB = 0.482A/m