

HAC_E_Dipole_835_100629

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: 2010/1/22
- 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

Maximum value of peak Total field = 175.7 V/m

Probe Modulation Factor = 1

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 131.5 V/m; Power Drift = -0.0093 dB

Average value of Total=(173.5 + 175.7) / 2 = 174.6 V/m

Peak E-field in V/m

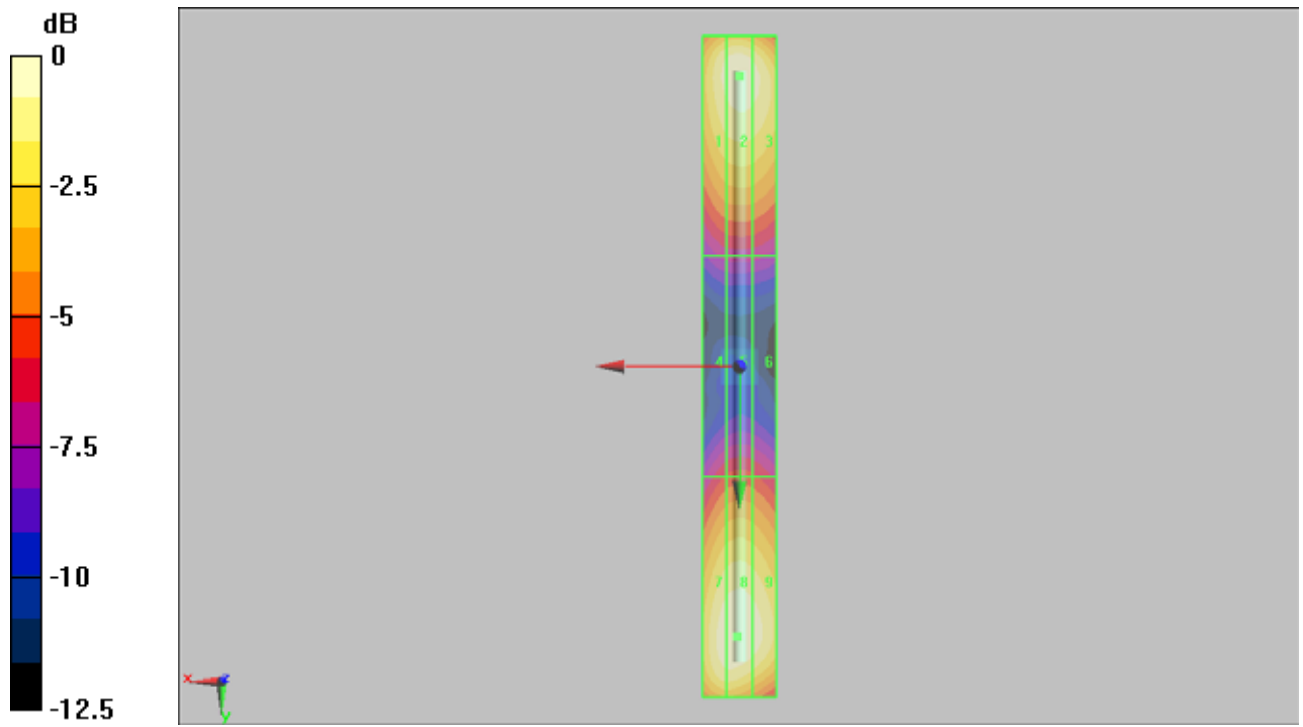
Grid 1 166.7 M4	Grid 2 173.5 M4	Grid 3 168.0 M4
Grid 4 91.6 M4	Grid 5 94.6 M4	Grid 6 92.3 M4
Grid 7 172.9 M4	Grid 8 175.7 M4	Grid 9 169.9 M4

Cursor:

Total = 175.7 V/m

E Category: M4

Location: 0.5, 73.5, 4.7 mm



HAC_E_Dipole_1880_100629

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

DASY5 Configuration:

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

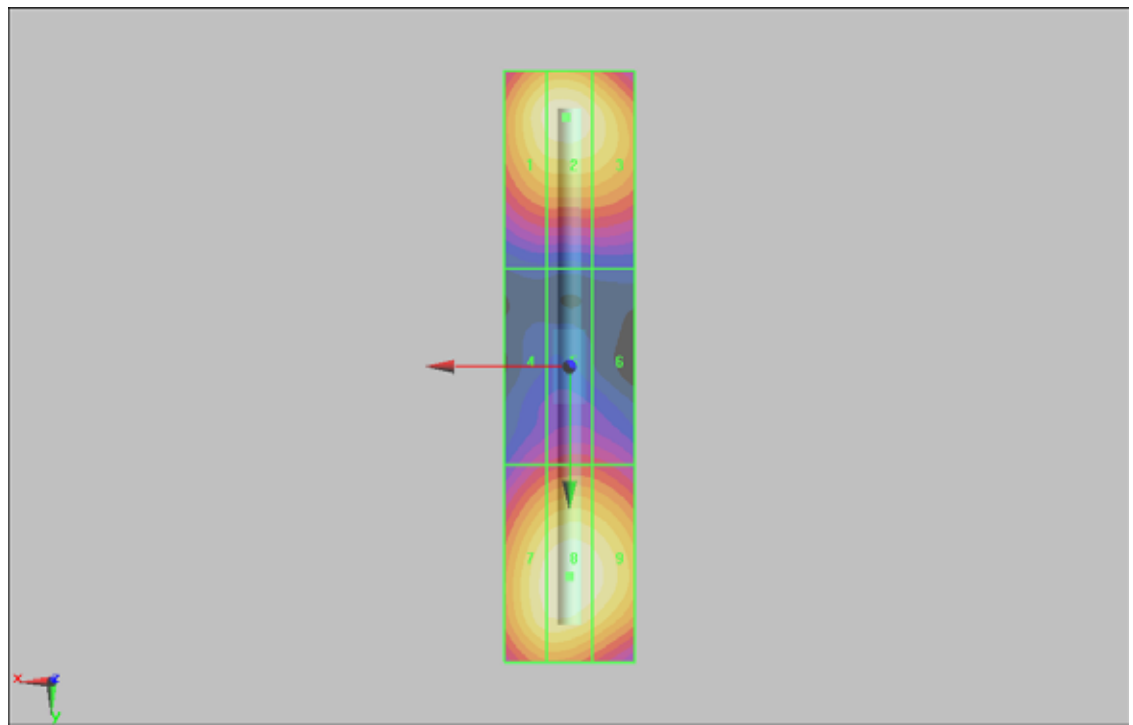
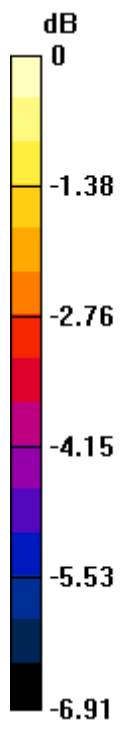
Maximum value of peak Total field = 141.9 V/m
 Probe Modulation Factor = 1
 Device Reference Point: 0, 0, -6.3 mm
 Reference Value = 144.0 V/m; Power Drift = -0.018 dB
 Average value of Total=(140.0 + 141.9) / 2 = 140.95 V/m

Peak E-field in V/m

Grid 1 137.1 M2	Grid 2 140.0 M2	Grid 3 133.8 M2
Grid 4 94.3 M3	Grid 5 98.2 M3	Grid 6 96.9 M3
Grid 7 138.3 M2	Grid 8 141.9 M2	Grid 9 138.5 M2

Cursor:

Total = 141.9 V/m
 E Category: M2
 Location: 0, 32, 4.7 mm



0 dB = 141.9V/m

HAC_H_Dipole_835_100629

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

DASY5 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2010/1/22
- 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 = 0.503 A/m; Power Drift = -0.023 dB

Maximum value of Total = 0.453 A/m

Peak H-field in A/m

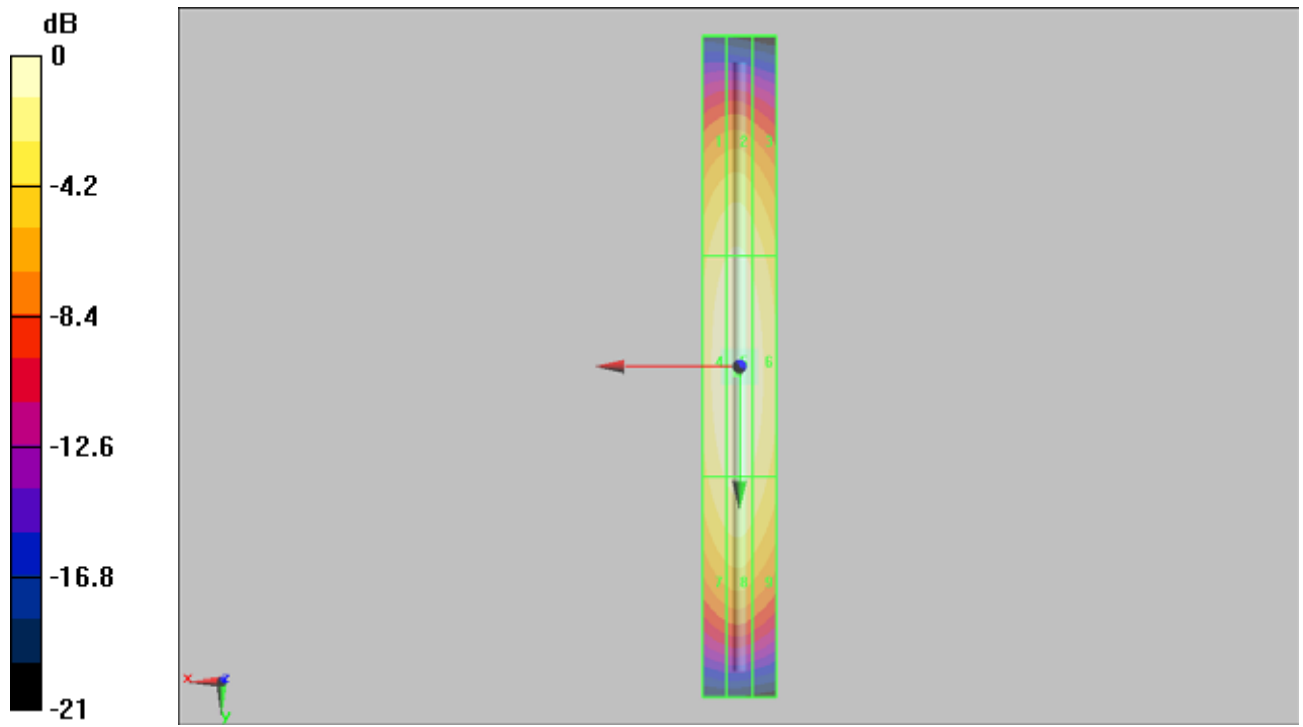
Grid 1 0.385 M4	Grid 2 0.396 M4	Grid 3 0.370 M4
Grid 4 0.438 M4	Grid 5 0.453 M4	Grid 6 0.424 M4
Grid 7 0.391 M4	Grid 8 0.406 M4	Grid 9 0.378 M4

Cursor:

Total = 0.453 A/m

H Category: M4

Location: 0.5, 1.5, 5.2 mm



0 dB = 0.453A/m

HAC_H_Dipole_1880_100629**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

DASY5 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2010/1/22

- 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 = 0.530 A/m; Power Drift = -0.00437 dB

Maximum value of Total = 0.482 A/m

Peak H-field in A/m

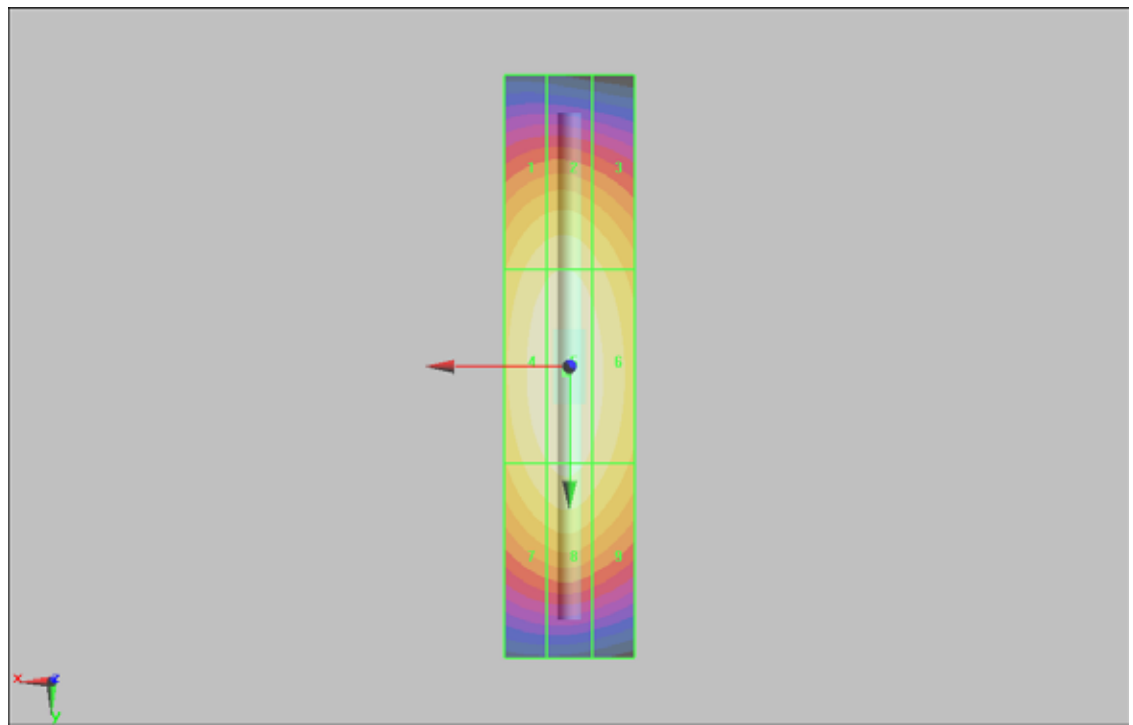
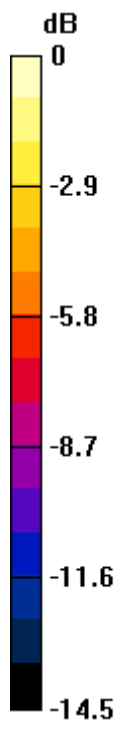
Grid 1 0.421 M2	Grid 2 0.431 M2	Grid 3 0.405 M2
Grid 4 0.468 M2	Grid 5 0.482 M2	Grid 6 0.453 M2
Grid 7 0.429 M2	Grid 8 0.445 M2	Grid 9 0.417 M2

Cursor:

Total = 0.482 A/m

H Category: M2

Location: 0.5, 1, 5.2 mm



0 dB = 0.482A/m