

HAC_E_Dipole_835_091002

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 : 22.7

DASY4 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2009/1/14
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- 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 CD835 Dipole = 10mm/Hearing Aid Compatibility Test (41x361x1): Measurement grid: dx=5mm, dy=5mm
 Probe Modulation Factor = 1.00
 Reference Value = 145.2 V/m; Power Drift = -0.015 dB
Average value of Total = (169.5 + 202.2) / 2 = 185.85 V/m

Peak E-field in V/m

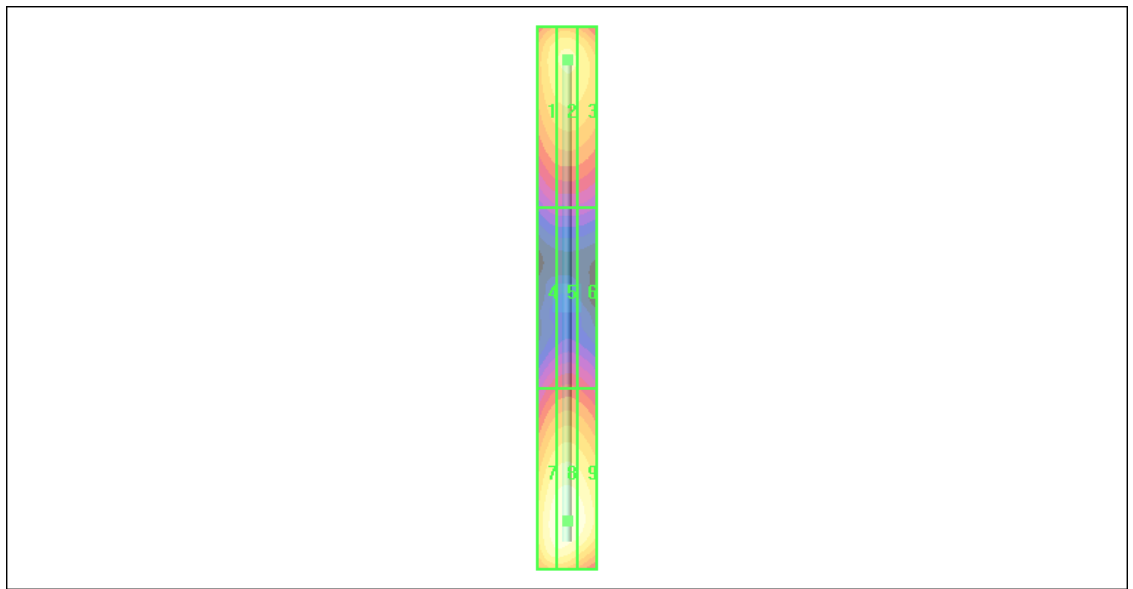
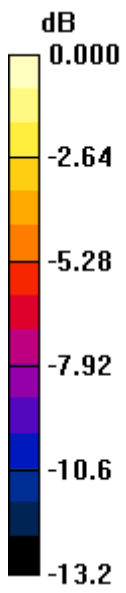
Grid 1 163.5 M4	Grid 2 169.5 M4	Grid 3 164.6 M4
Grid 4 99.4 M4	Grid 5 103.3 M4	Grid 6 100.6 M4
Grid 7 197.5 M4	Grid 8 202.2 M3	Grid 9 194.9 M4

Cursor:

Total = 202.2 V/m

E Category: M3

Location: 0, 74, 4.7 mm



0 dB = 202.2V/m

HAC_E_Dipole_1880_090925

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 : 22.6

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2009/1/14
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn679; Calibrated: 2009/6/23
- 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 = 147.5 V/m; Power Drift = -0.015 dB

Average value of Total = (143.7 + 145.1) / 2 = 144.4 V/m

Peak E-field in V/m

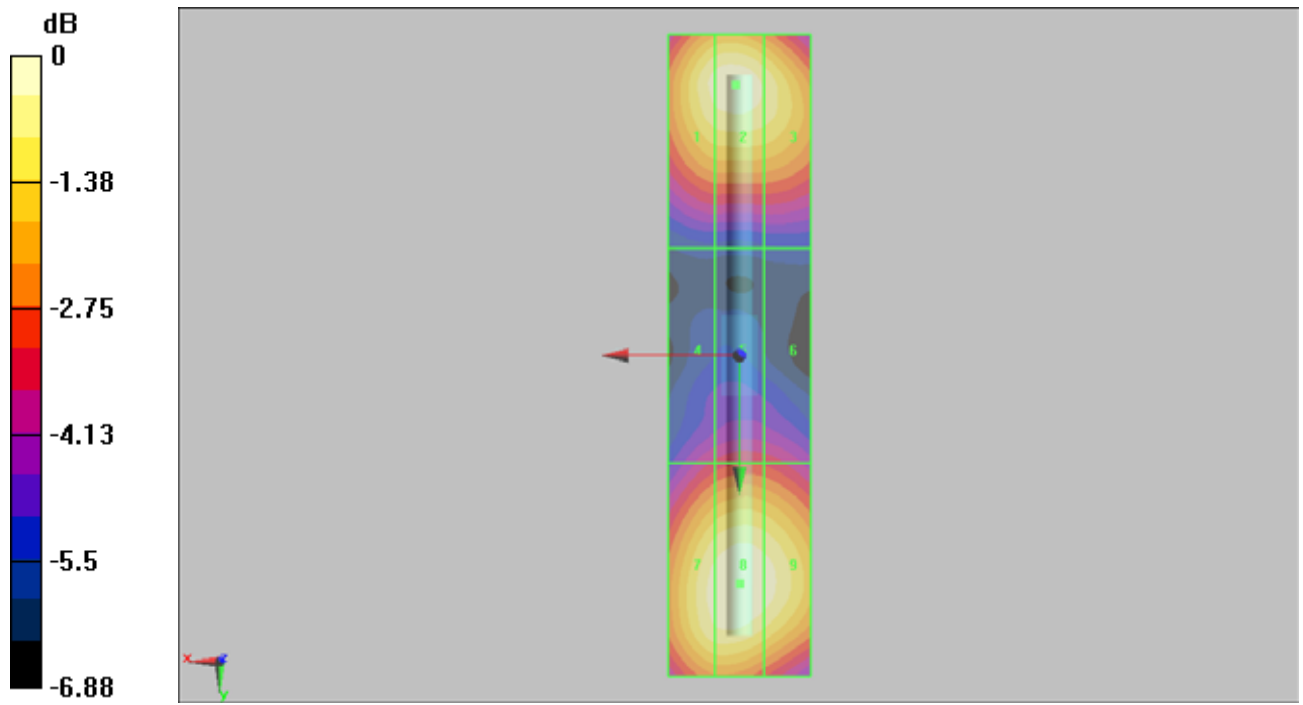
Grid 1 140.6 M2	Grid 2 143.7 M2	Grid 3 136.9 M2
Grid 4 96.4 M3	Grid 5 100.5 M3	Grid 6 99.1 M3
Grid 7 141.4 M2	Grid 8 145.1 M2	Grid 9 141.6 M2

Cursor:

Total = 145.1 V/m

E Category: M2

Location: 0, 32, 4.7 mm



0 dB = 145.1V/m

HAC_E_Dipole_1880_091002

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 : 22.6

DASY4 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2009/1/14
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- 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 = 145.4 V/m; Power Drift = -0.011 dB

Average value of Total = (141.5 + 143.5) / 2 = 142.5 V/m

Peak E-field in V/m

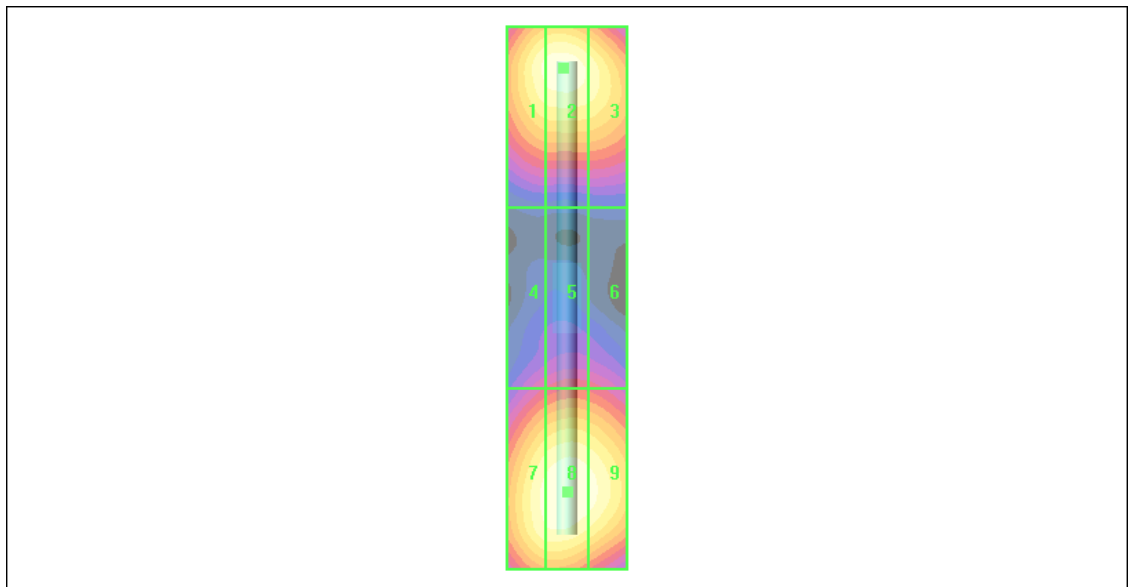
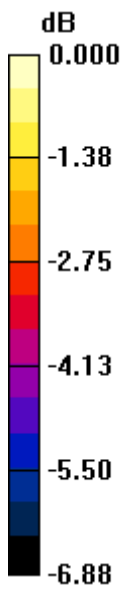
Grid 1 138.7 M2	Grid 2 141.5 M2	Grid 3 135.2 M2
Grid 4 95.2 M3	Grid 5 99.4 M3	Grid 6 98.1 M3
Grid 7 139.6 M2	Grid 8 143.5 M2	Grid 9 139.9 M2

Cursor:

Total = 143.5 V/m

E Category: M2

Location: 0, 32, 4.7 mm



0 dB = 143.5V/m

HAC_H_Dipole_835_091005

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 : 22.1

DASY4 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2009/1/19
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- 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 = 0.502 A/m; Power Drift = -0.023 dB
Maximum value of Total = 0.452 A/m

Peak H-field in A/m

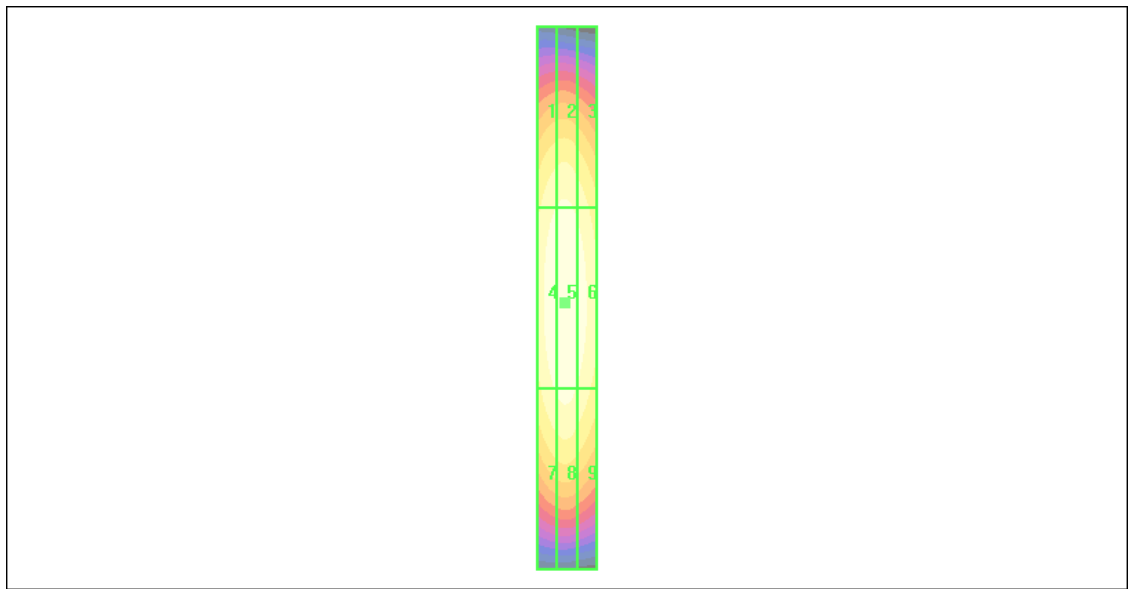
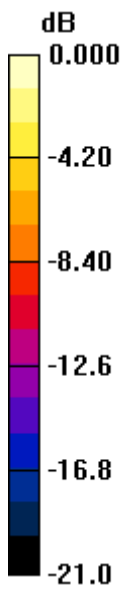
Grid 1 0.386 M4	Grid 2 0.396 M4	Grid 3 0.370 M4
Grid 4 0.438 M4	Grid 5 0.452 M4	Grid 6 0.424 M4
Grid 7 0.391 M4	Grid 8 0.406 M4	Grid 9 0.378 M4

Cursor:

Total = 0.452 A/m

H Category: M4

Location: 0.5, 1.5, 5.2 mm



0 dB = 0.452A/m

HAC_H_Dipole_1880_091005

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 : 22.2

DASY4 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2009/1/19
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- 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 = -0.008 dB
Maximum value of Total = 0.482 A/m

Peak H-field in A/m

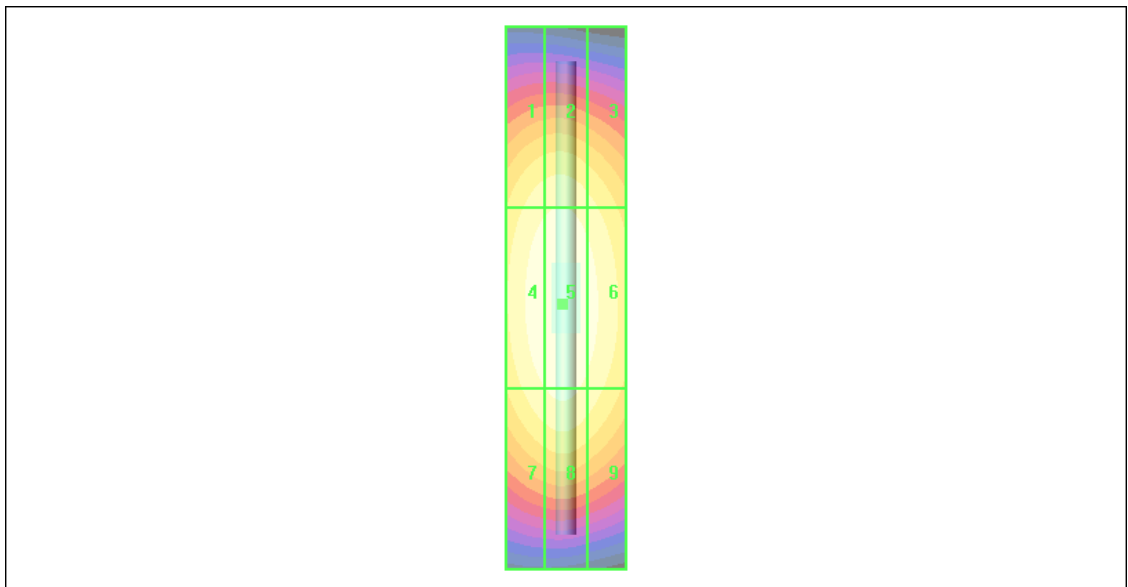
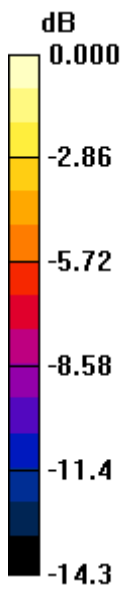
Grid 1 0.423 M2	Grid 2 0.433 M2	Grid 3 0.406 M2
Grid 4 0.469 M2	Grid 5 0.482 M2	Grid 6 0.454 M2
Grid 7 0.431 M2	Grid 8 0.446 M2	Grid 9 0.418 M2

Cursor:

Total = 0.482 A/m

H Category: M2

Location: 0.5, 1, 5.2 mm



0 dB = 0.482A/m