

HAC_E_Dipole_835_100905**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 : 22.5 °C

DASY4 Configuration:

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

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn910; Calibrated: 2009/9/18

- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial

- 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

Maximum value of peak Total field = 191.7 V/m

Probe Modulation Factor = 1.00

Reference Value = 140.9 V/m; Power Drift = 0.031 dB

Average Value of Total = (189.2 + 191.7) / 2 = 190.45 V/m

Peak E-field in V/m

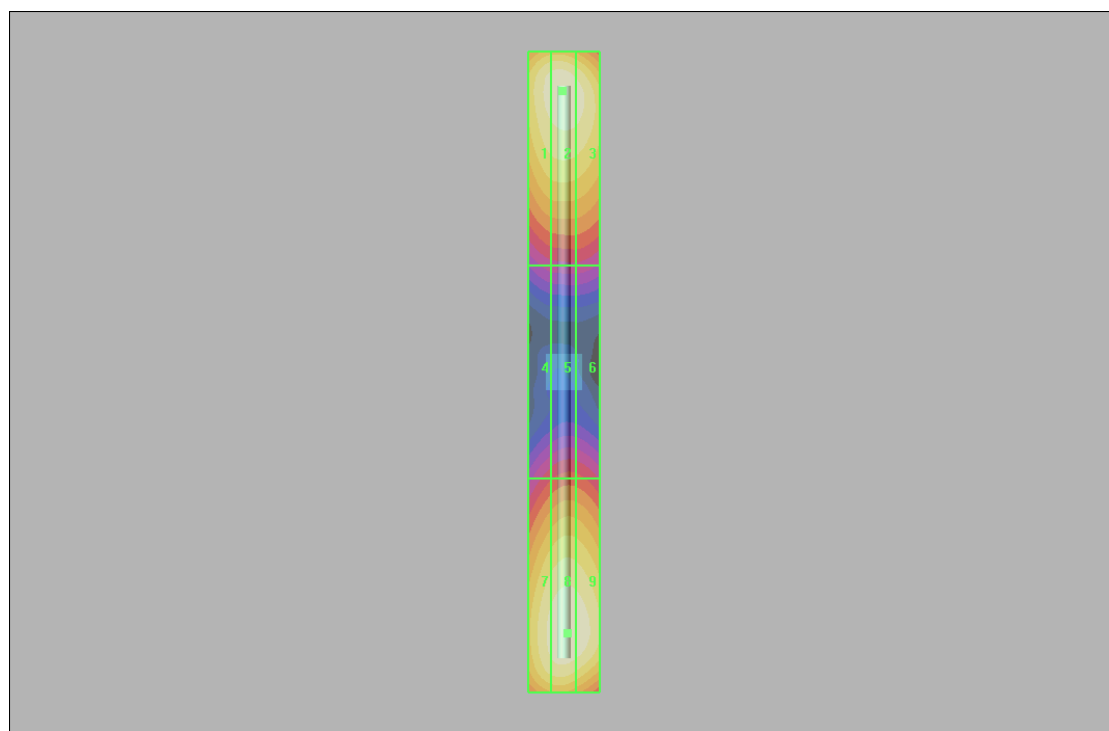
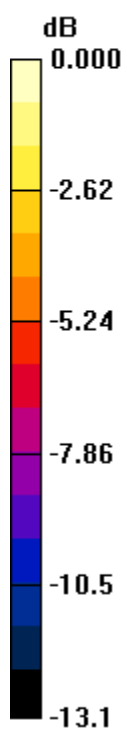
Grid 1 183.9 M4	Grid 2 189.2 M4	Grid 3 182.3 M4
Grid 4 94.3 M4	Grid 5 100.4 M4	Grid 6 99.2 M4
Grid 7 180.9 M4	Grid 8 191.7 M4	Grid 9 188.2 M4

Cursor:

Total = 191.7 V/m

E Category: M4

Location: -1, 73.5, 4.7 mm



0 dB = 191.7V/m

HAC_E_Dipole_1880_100905**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 : 22.5 °C

DASY4 Configuration:

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

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn910; Calibrated: 2009/9/18

- 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

Maximum value of peak Total field = 132.9 V/m

Probe Modulation Factor = 1.00

Reference Value = 138.2 V/m; Power Drift = -0.030 dB

Average Value of Total = (130.0 + 132.9) / 2 = 131.45 V/m

Peak E-field in V/m

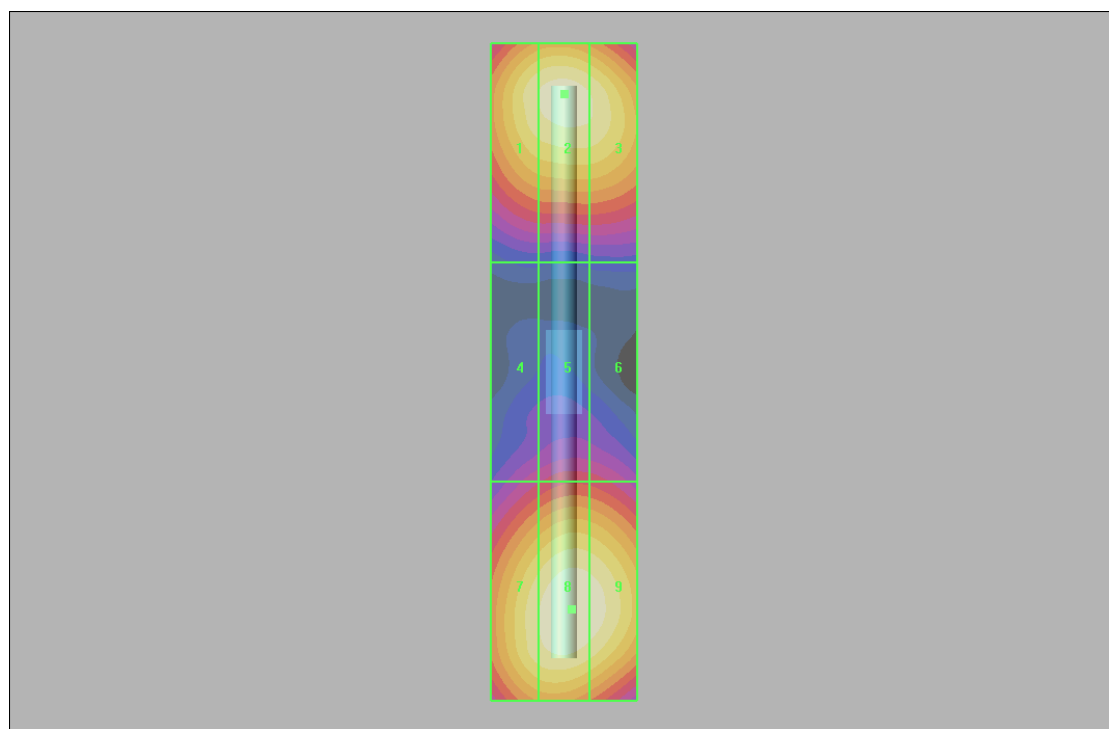
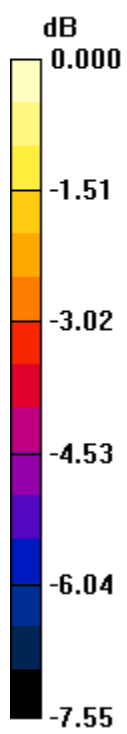
Grid 1 125.8 M2	Grid 2 130.0 M2	Grid 3 126.6 M2
Grid 4 83.1 M3	Grid 5 88.0 M3	Grid 6 87.1 M3
Grid 7 125.5 M2	Grid 8 132.9 M2	Grid 9 130.9 M2

Cursor:

Total = 132.9 V/m

E Category: M2

Location: -1, 32.5, 4.7 mm



0 dB = 132.9V/m

HAC_H_Dipole_835_100905**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 Sn910; Calibrated: 2009/9/18

- 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 = 0.508 A/m; Power Drift = -0.008 dB

Maximum Value of Total = 0.458 A/m

Peak H-field in A/m

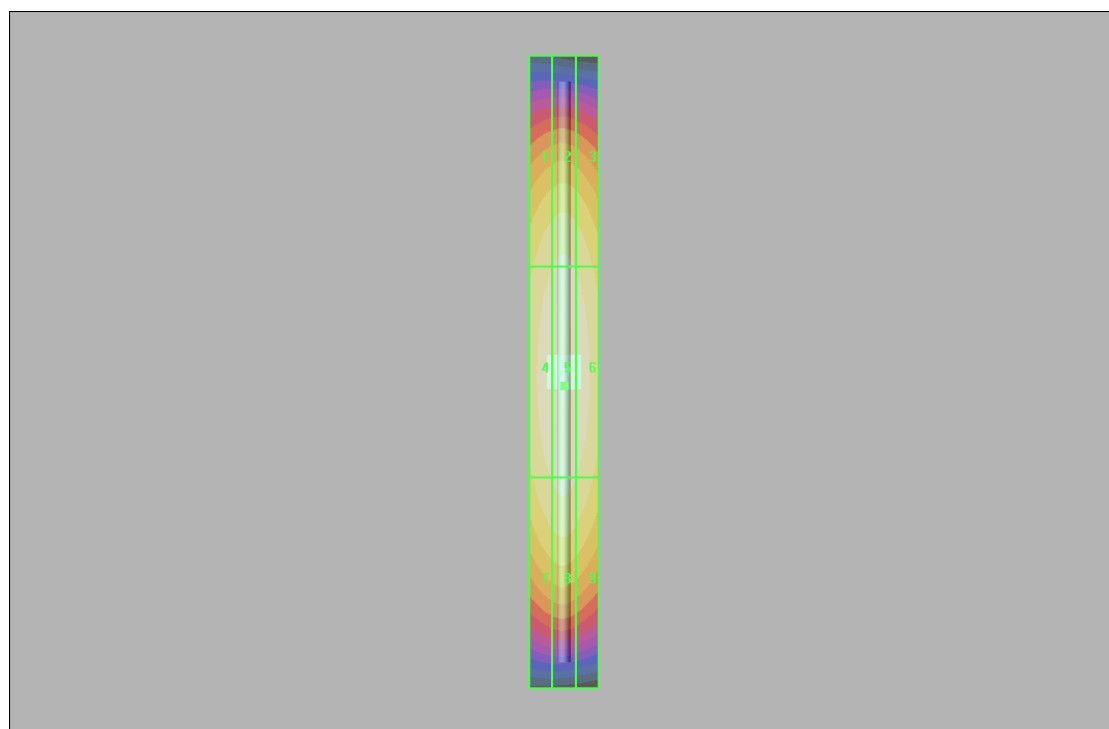
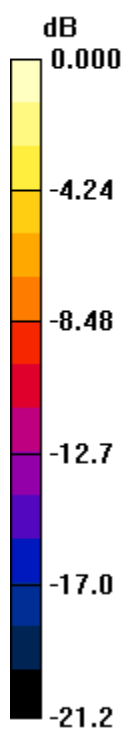
Grid 1 0.387 M4	Grid 2 0.404 M4	Grid 3 0.385 M4
Grid 4 0.438 M4	Grid 5 0.458 M4	Grid 6 0.437 M4
Grid 7 0.392 M4	Grid 8 0.410 M4	Grid 9 0.389 M4

Cursor:

Total = 0.458 A/m

H Category: M4

Location: 0, 4, 5.2 mm



0 dB = 0.458A/m

HAC_H_Dipole_1880_100905**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 °C

DASY4 Configuration:

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

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn910; Calibrated: 2009/9/18

- 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 = 0.518 A/m; Power Drift = 0.008 dB

Maximum Value of Total = 0.468 A/m

Peak H-field in A/m

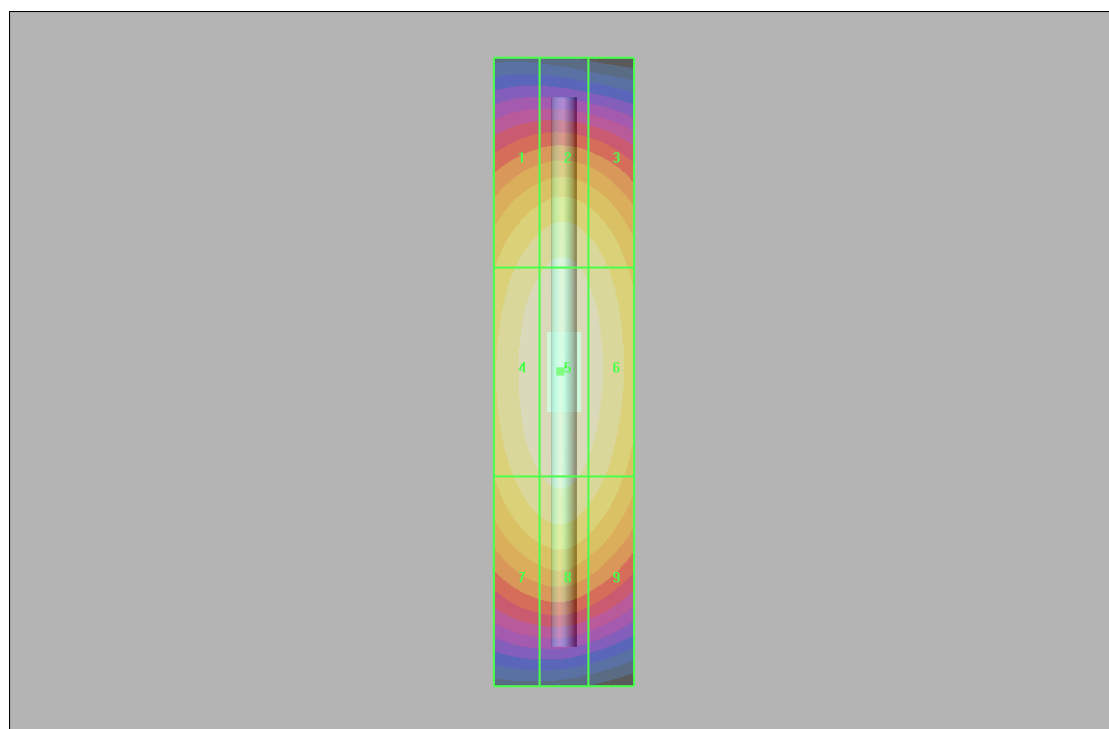
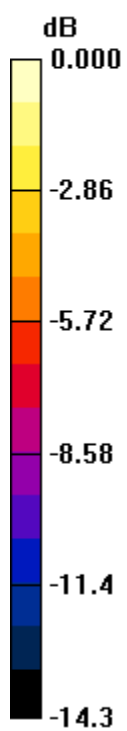
Grid 1 0.413 M2	Grid 2 0.430 M2	Grid 3 0.408 M2
Grid 4 0.452 M2	Grid 5 0.468 M2	Grid 6 0.445 M2
Grid 7 0.416 M2	Grid 8 0.431 M2	Grid 9 0.405 M2

Cursor:

Total = 0.468 A/m

H Category: M2

Location: 0.5, 0, 5.2 mm



0 dB = 0.468A/m