

HAC_E_Dipole_835_101224

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: DAE3 Sn577; Calibrated: 2010/8/18
- 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 = 177.7 V/m

Probe Modulation Factor = 1.00

Reference Value = 130.1 V/m; Power Drift = 0.013 dB

Average Value of Total = (177.7 + 177.6) / 2 = 177.65 V/m

Peak E-field in V/m

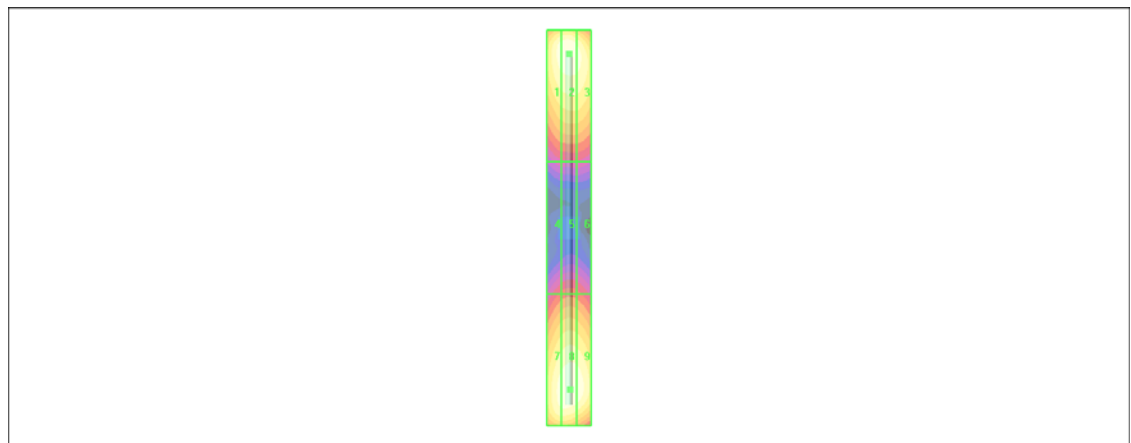
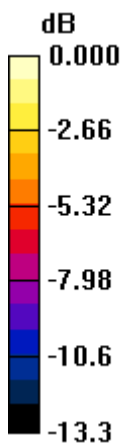
Grid 1 172.4 M4	Grid 2 177.7 M4	Grid 3 170.0 M4
Grid 4 89.9 M4	Grid 5 93.7 M4	Grid 6 91.5 M4
Grid 7 170.0 M4	Grid 8 177.6 M4	Grid 9 174.1 M4

Cursor:

Total = 177.7 V/m

E Category: M4

Location: 0, -79, 4.7 mm



0 dB = 177.7V/m

HAC_E_Dipole_1880_101224

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 : 22.4 °C

DASY4 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: 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 = 129.8 V/m

Probe Modulation Factor = 1.00

Reference Value = 132.0 V/m; Power Drift = 0.005 dB

Average Value of Total = (129.8 + 129.7) / 2 = 129.75 V/m

Peak E-field in V/m

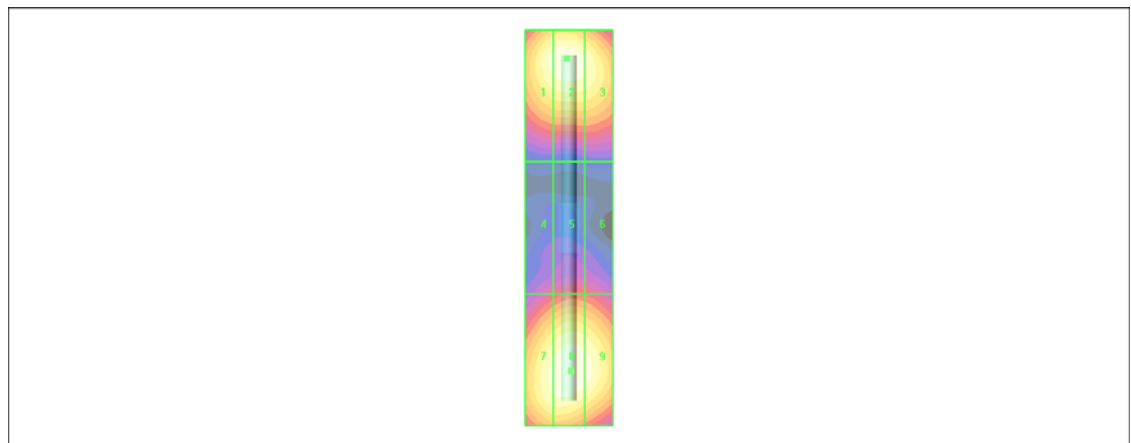
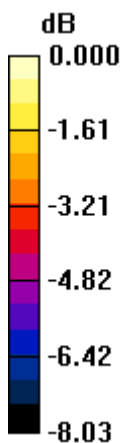
Grid 1 126.1 M2	Grid 2 129.8 M2	Grid 3 123.5 M2
Grid 4 80.9 M3	Grid 5 86.1 M3	Grid 6 84.4 M3
Grid 7 125.4 M2	Grid 8 129.7 M2	Grid 9 126.6 M2

Cursor:

Total = 129.8 V/m

E Category: M2

Location: 0.5, -38.5, 4.7 mm



0 dB = 129.8V/m

HAC_H_Dipole_835_101224

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 °C

DASY4 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: 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 = 0.503 A/m; Power Drift = -0.023 dB

Maximum Value of Total = 0.453 A/m

Peak H-field in A/m

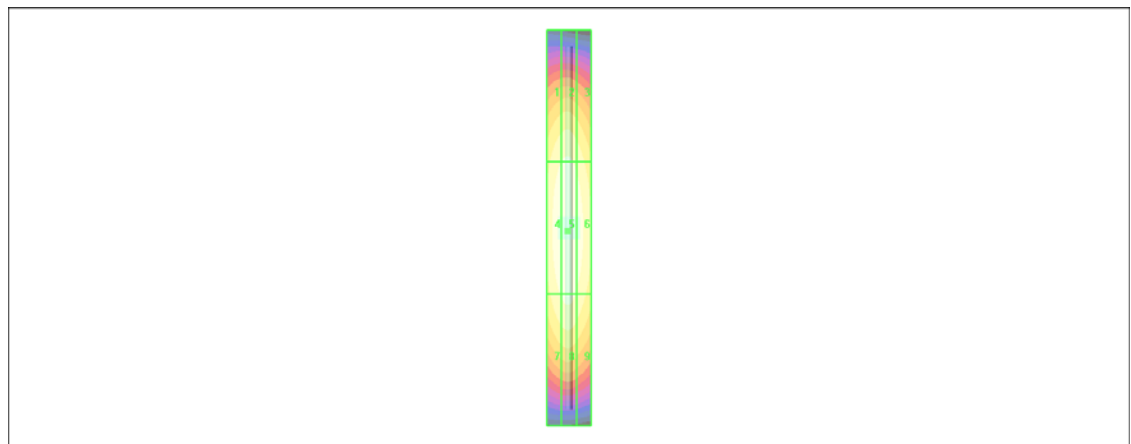
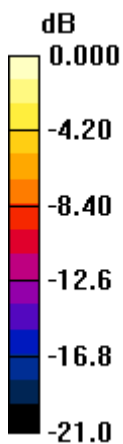
Grid 1 0.385 M4	Grid 2 0.396 M4	Grid 3 0.369 M4
Grid 4 0.437 M4	Grid 5 0.453 M4	Grid 6 0.424 M4
Grid 7 0.391 M4	Grid 8 0.406 M4	Grid 9 0.378 M4

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_101224

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: DAE3 Sn577; Calibrated: 2010/8/18
- 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 = 0.511 A/m; Power Drift = -0.002 dB

Maximum Value of Total = 0.465 A/m

Peak H-field in A/m

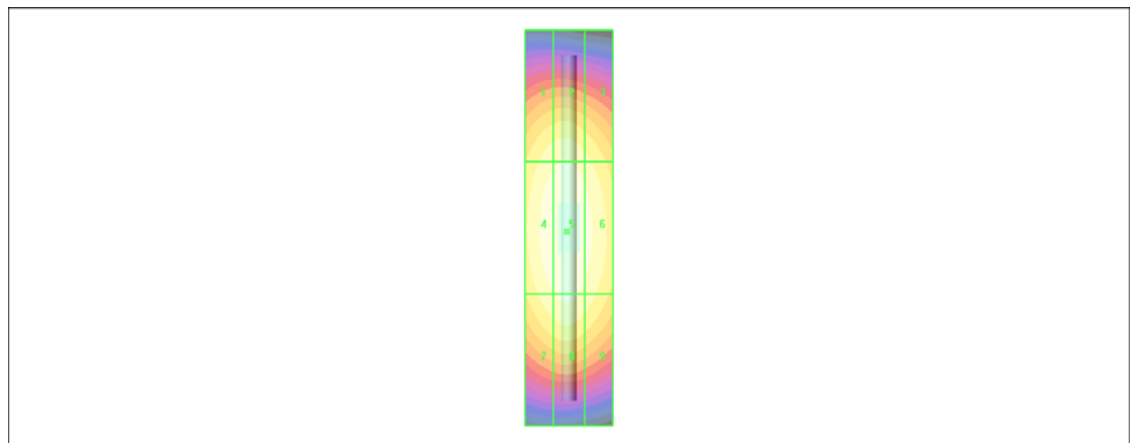
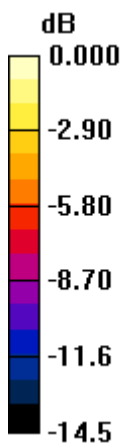
Grid 1 0.407 M2	Grid 2 0.417 M2	Grid 3 0.391 M2
Grid 4 0.452 M2	Grid 5 0.465 M2	Grid 6 0.437 M2
Grid 7 0.414 M2	Grid 8 0.430 M2	Grid 9 0.403 M2

Cursor:

Total = 0.465 A/m

H Category: M2

Location: 0.5, 1, 5.2 mm



0 dB = 0.465A/m