

HAC_E_Dipole_835_110326

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: 2011/1/14
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- 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 = 181.9 V/m

Probe Modulation Factor = 1.00

Reference Value = 132.1 V/m; Power Drift = -0.035 dB

Average Value of Total = (181.9 + 178.2) / 2 = 180.05 V/m

Peak E-field in V/m

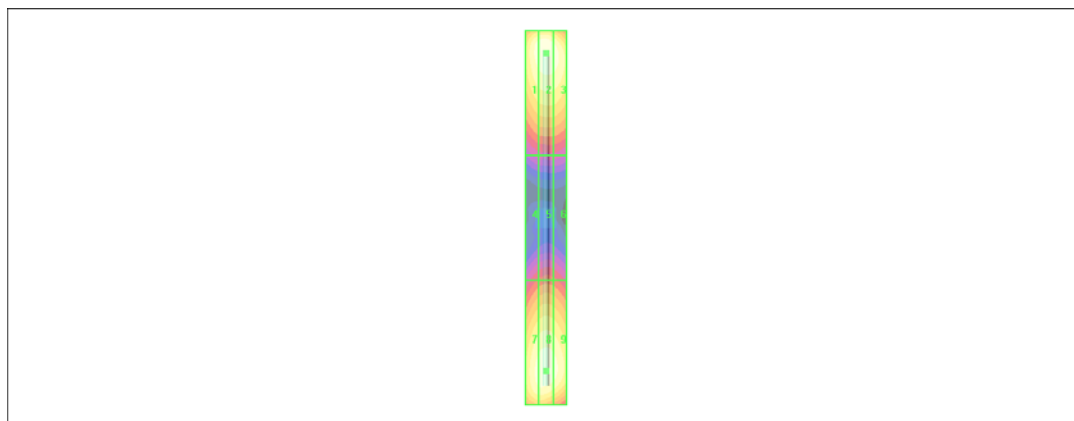
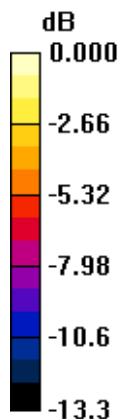
Grid 1 175.9 M4	Grid 2 181.9 M4	Grid 3 176.4 M4
Grid 4 91.5 M4	Grid 5 95.0 M4	Grid 6 92.8 M4
Grid 7 172.7 M4	Grid 8 178.2 M4	Grid 9 172.7 M4

Cursor:

Total = 181.9 V/m

E Category: M4

Location: 0, -79, 4.7 mm



0 dB = 181.9V/m

HAC_E_Dipole_835_110407

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 : 22.4 °C

DASY4 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2011/1/14
- 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 = 177.6 V/m

Probe Modulation Factor = 1.00

Reference Value = 130.2 V/m; Power Drift = 0.013 dB

Average Value of Total = (177.6 + 177.5) / 2 = 177.55 V/m

Peak E-field in V/m

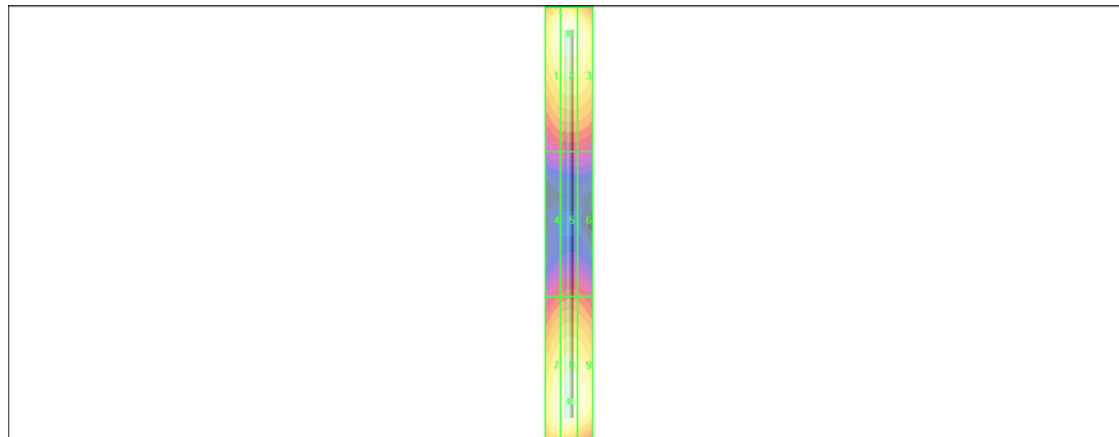
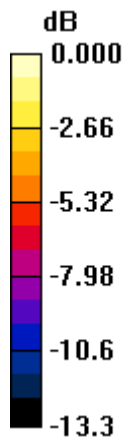
Grid 1 172.3 M4	Grid 2 177.6 M4	Grid 3 170.0 M4
Grid 4 90.0 M4	Grid 5 93.9 M4	Grid 6 91.6 M4
Grid 7 169.9 M4	Grid 8 177.5 M4	Grid 9 174.0 M4

Cursor:

Total = 177.6 V/m

E Category: M4

Location: 0, -79, 4.7 mm



0 dB = 177.6V/m

HAC_E_Dipole_1880_110326

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: 2011/1/14
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- 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 = 137.6 V/m

Probe Modulation Factor = 1.00

Reference Value = 142.2 V/m; Power Drift = -0.012 dB

Average Value of Total = (136.5 + 137.6) / 2 = 137.05 V/m

Peak E-field in V/m

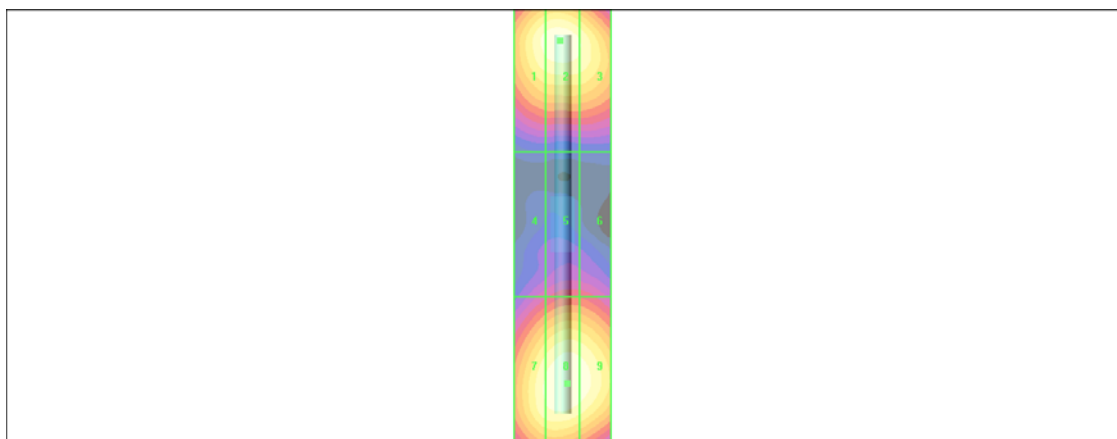
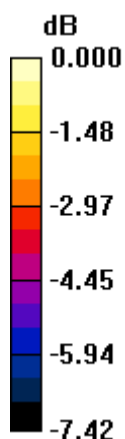
Grid 1 133.3 M2	Grid 2 136.5 M2	Grid 3 130.7 M2
Grid 4 86.5 M3	Grid 5 92.3 M3	Grid 6 91.8 M3
Grid 7 131.8 M2	Grid 8 137.6 M2	Grid 9 135.5 M2

Cursor:

Total = 137.6 V/m

E Category: M2

Location: -1, 33, 4.7 mm



0 dB = 137.6V/m

HAC_H_Dipole_835_110327

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: 2011/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- 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 = 0.505 A/m; Power Drift = -0.012 dB

Maximum Value of Total = 0.456 A/m

Peak H-field in A/m

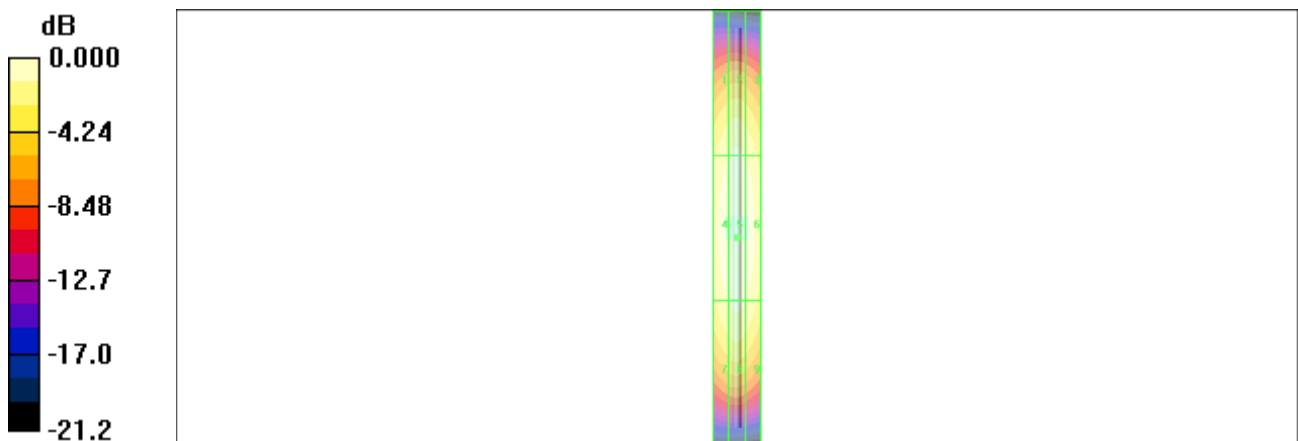
Grid 1 0.387 M4	Grid 2 0.402 M4	Grid 3 0.384 M4
Grid 4 0.437 M4	Grid 5 0.456 M4	Grid 6 0.435 M4
Grid 7 0.392 M4	Grid 8 0.409 M4	Grid 9 0.388 M4

Cursor:

Total = 0.456 A/m

H Category: M4

Location: 0, 4, 5.2 mm



0 dB = 0.456A/m

HAC_H_Dipole_835_110407

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: 2011/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- 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 = 0.534 A/m; Power Drift = -0.015 dB
Maximum Value of Total = 0.483 A/m

Peak H-field in A/m

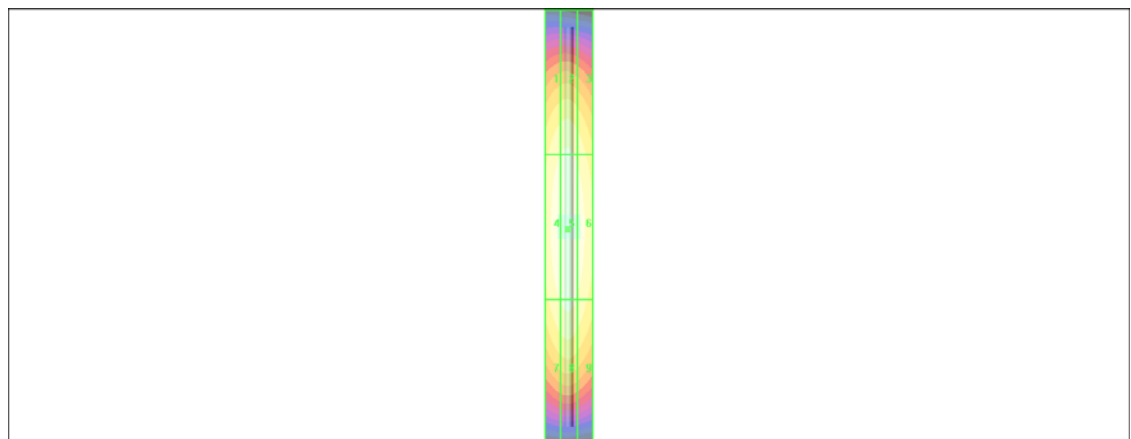
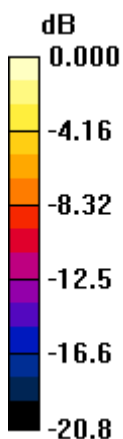
Grid 1 0.412 M4	Grid 2 0.424 M4	Grid 3 0.396 M4
Grid 4 0.466 M4	Grid 5 0.483 M4	Grid 6 0.452 M4
Grid 7 0.416 M4	Grid 8 0.433 M4	Grid 9 0.404 M4

Cursor:

Total = 0.483 A/m

H Category: M4

Location: 0.5, 1, 5.2 mm



0 dB = 0.483A/m

HAC_H_Dipole_1880_110327

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: 2011/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- 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 = 0.535 A/m; Power Drift = -0.012 dB

Maximum Value of Total = 0.488 A/m

Peak H-field in A/m

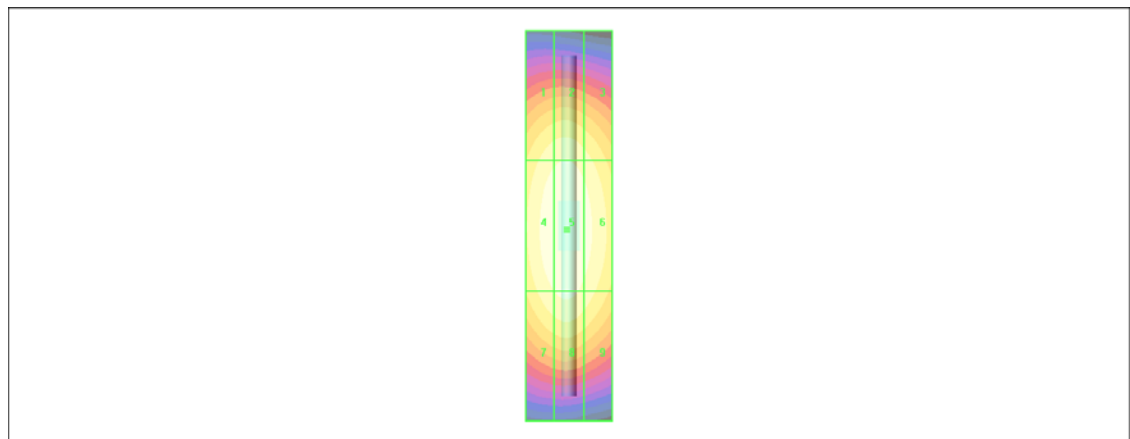
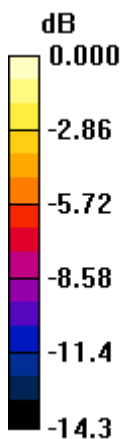
Grid 1 0.428 M2	Grid 2 0.438 M2	Grid 3 0.413 M2
Grid 4 0.475 M2	Grid 5 0.488 M2	Grid 6 0.459 M2
Grid 7 0.436 M2	Grid 8 0.451 M2	Grid 9 0.422 M2

Cursor:

Total = 0.488 A/m

H Category: M2

Location: 0.5, 1, 5.2 mm



0 dB = 0.488A/m