

HAC_E_Dipole_835_100613

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: 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

Maximum value of peak Total field = 184.0 V/m

Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 133.5 V/m; Power Drift = -0.042 dB

Average Value of Total = (184.0 + 180.1) / 2 = 182.05 V/m

Peak E-field in V/m

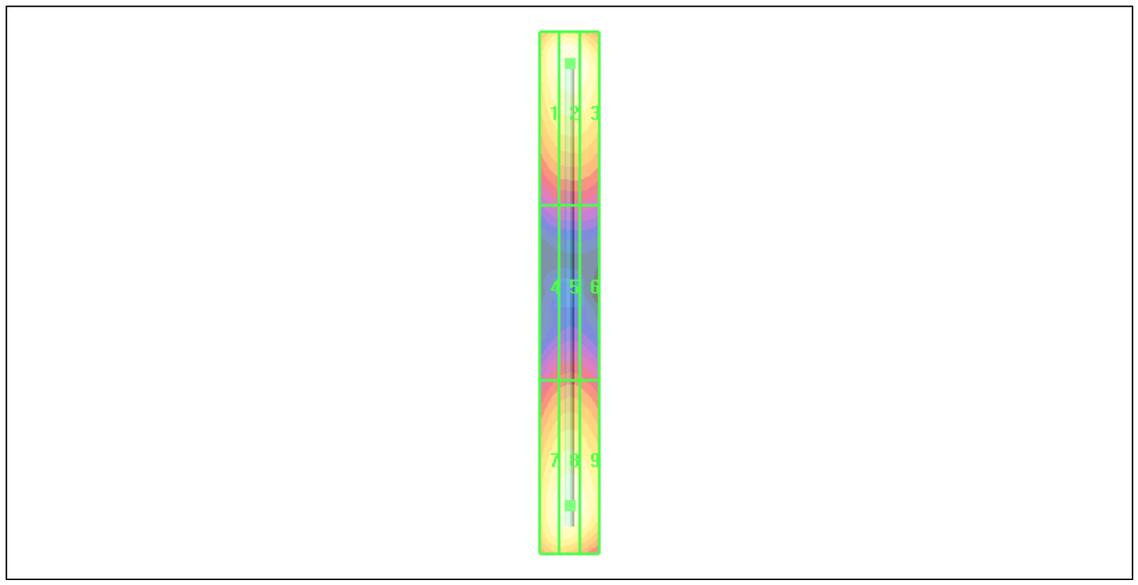
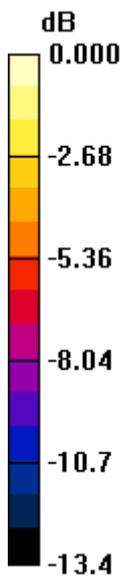
Grid 1 177.7 M4	Grid 2 184.0 M4	Grid 3 178.4 M4
Grid 4 92.3 M4	Grid 5 95.7 M4	Grid 6 93.5 M4
Grid 7 174.6 M4	Grid 8 180.1 M4	Grid 9 174.6 M4

Cursor:

Total = 184.0 V/m

E Category: M4

Location: 0, -79, 4.7 mm



0 dB = 184.0V/m

HAC_E_Dipole_1880_100613

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: 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

Maximum value of peak Total field = 141.4 V/m

Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 146.2 V/m; Power Drift = -0.017 dB

Average Value of Total = (139.9 + 141.4) / 2 = 140.65 V/m/m

Peak E-field in V/m

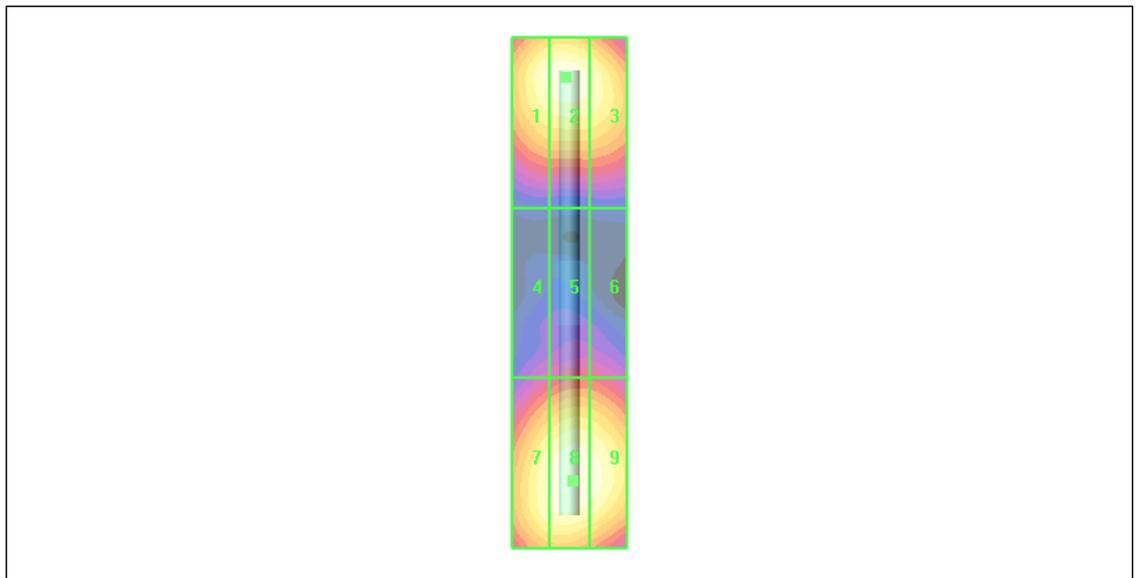
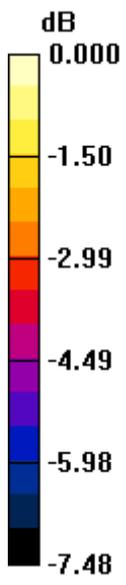
Grid 1 136.9 M2	Grid 2 139.9 M2	Grid 3 134.1 M2
Grid 4 88.7 M3	Grid 5 94.4 M3	Grid 6 93.8 M3
Grid 7 135.6 M2	Grid 8 141.4 M2	Grid 9 138.9 M2

Cursor:

Total = 141.4 V/m

E Category: M2

Location: -0.5, 33, 4.7 mm



0 dB = 141.4V/m

HAC_H_Dipole_835_100614

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 : 22.0 °C

DASY4 Configuration:

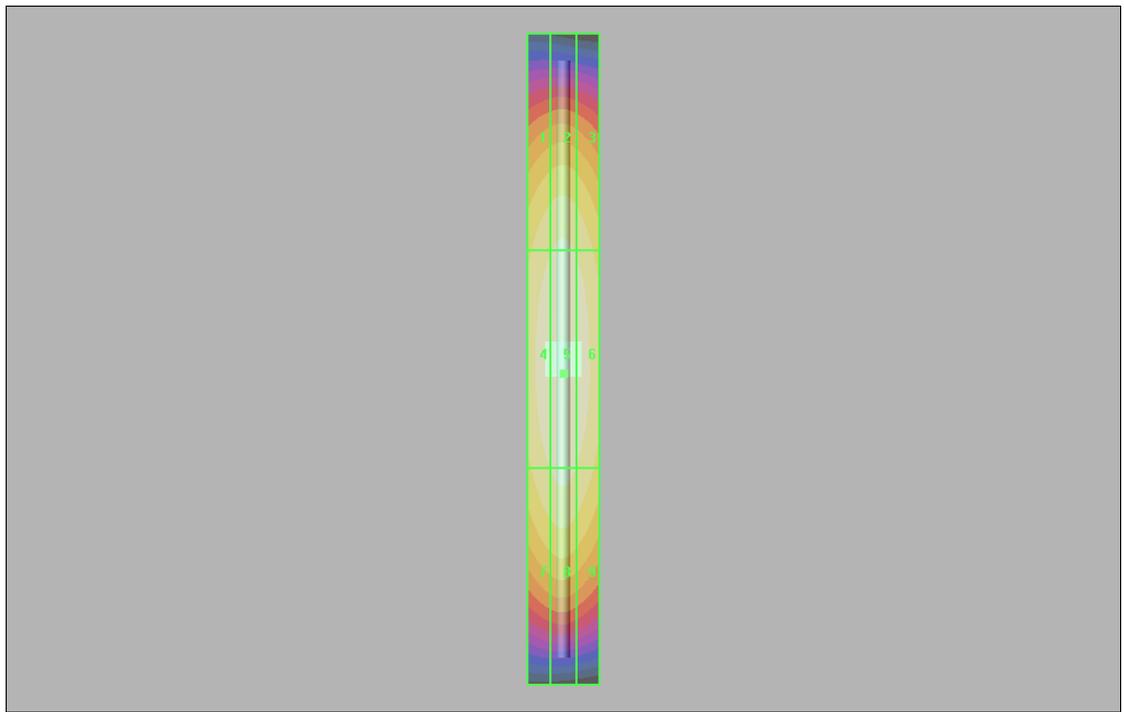
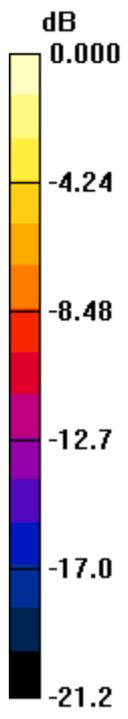
- Probe: H3DV6 - SN6184; ; Calibrated: 2010/1/22
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

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 = 0.508 A/m; Power Drift = -0.008 dB
Maximum Value of Peak Total = 0.459 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 0.439 M4	Grid 5 0.459 M4	Grid 6 0.437 M4
Grid 7 0.393 M4	Grid 8 0.411 M4	Grid 9 0.390 M4

Cursor:
 Total = 0.459 A/m
 H Category: M4
 Location: 0, 4, 5.2 mm



0 dB = 0.459A/m

HAC_H_Dipole_1880_100614

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 : 22.1 °C

DASY4 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2010/1/22
- 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 = 0.543 A/m; Power Drift = -0.012 dB
Maximum Value of Peak Total = 0.494 A/m

Peak H-field in A/m

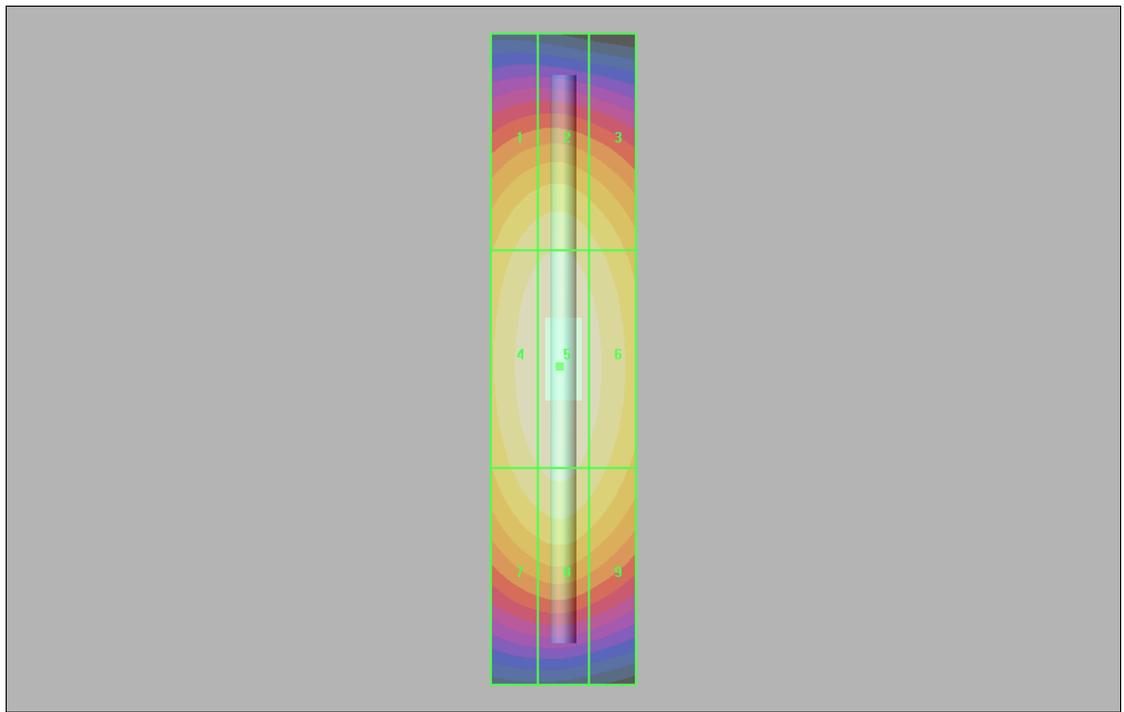
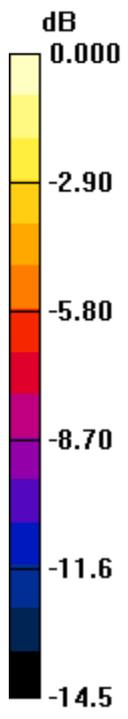
Grid 1	Grid 2	Grid 3
0.431 M2	0.443 M2	0.416 M2
Grid 4	Grid 5	Grid 6
0.480 M2	0.494 M2	0.464 M2
Grid 7	Grid 8	Grid 9
0.440 M2	0.456 M2	0.426 M2

Cursor:

Total = 0.494 A/m

H Category: M2

Location: 0.5, 1, 5.2 mm



0 dB = 0.494A/m