

HAC_E_Dipole_835_100601

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 : 22.6 °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 = 185.6 V/m

Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 134.6 V/m; Power Drift = -0.006 dB

Average Value of Total = (185.6 + 182.0) / 2 = 183.8 V/m

Peak E-field in V/m

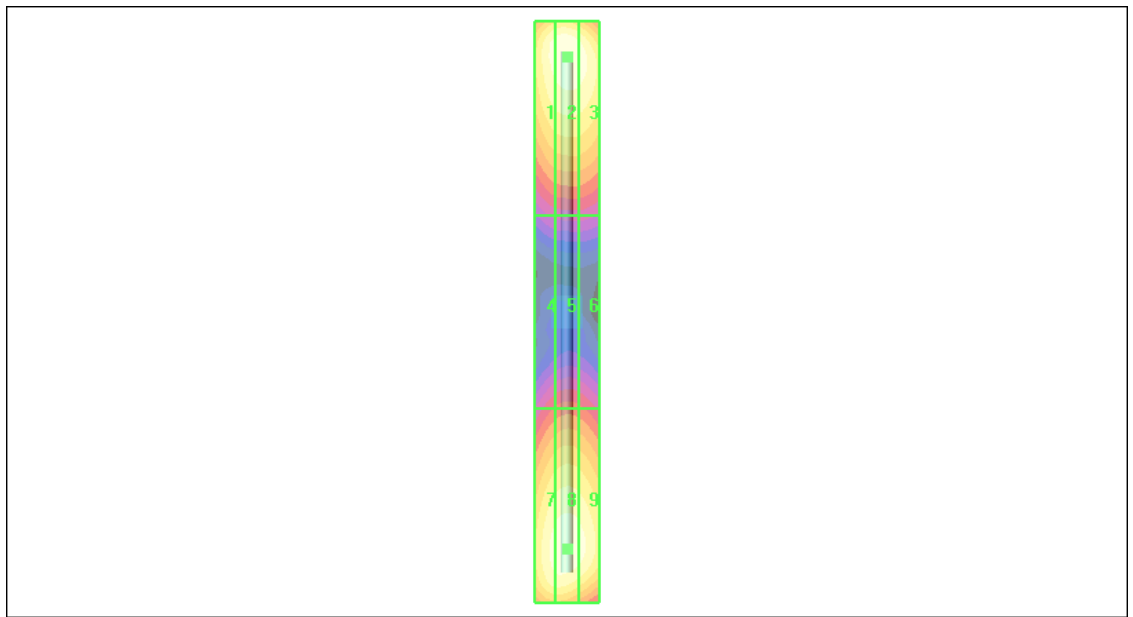
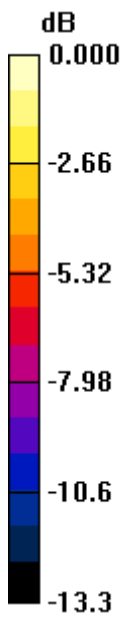
Grid 1 179.1 M4	Grid 2 185.6 M4	Grid 3 180.2 M4
Grid 4 93.2 M4	Grid 5 96.8 M4	Grid 6 94.7 M4
Grid 7 176.2 M4	Grid 8 182.0 M4	Grid 9 176.4 M4

Cursor:

Total = 185.6 V/m

E Category: M4

Location: 0, -79, 4.7 mm



0 dB = 185.6V/m

HAC_E_Dipole_835_100602

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: 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 = 192.0 V/m

Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 141.1 V/m; Power Drift = 0.031 dB

Average Value of Total = (189.5 + 192.0) / 2 = 190.75 V/m

Peak E-field in V/m

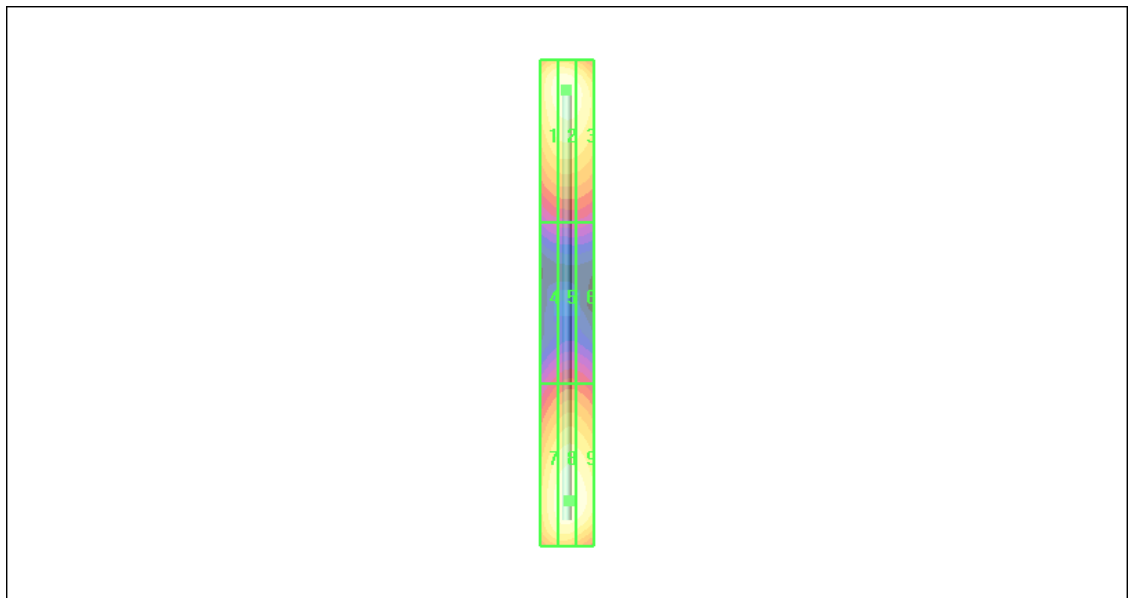
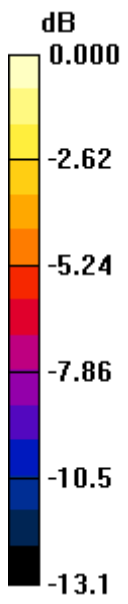
Grid 1 184.1 M4	Grid 2 189.5 M4	Grid 3 182.6 M4
Grid 4 94.4 M4	Grid 5 100.5 M4	Grid 6 99.3 M4
Grid 7 181.1 M4	Grid 8 192.0 M4	Grid 9 188.5 M4

Cursor:

Total = 192.0 V/m

E Category: M4

Location: -1, 73.5, 4.7 mm



0 dB = 192.0V/m

HAC_E_Dipole_1880_100601

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: 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 = 130.1 V/m

Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 134.9 V/m; Power Drift = 0.009 dB

Average Value of Total = (127.4 + 130.1) / 2 = 128.75 V/m

Peak E-field in V/m

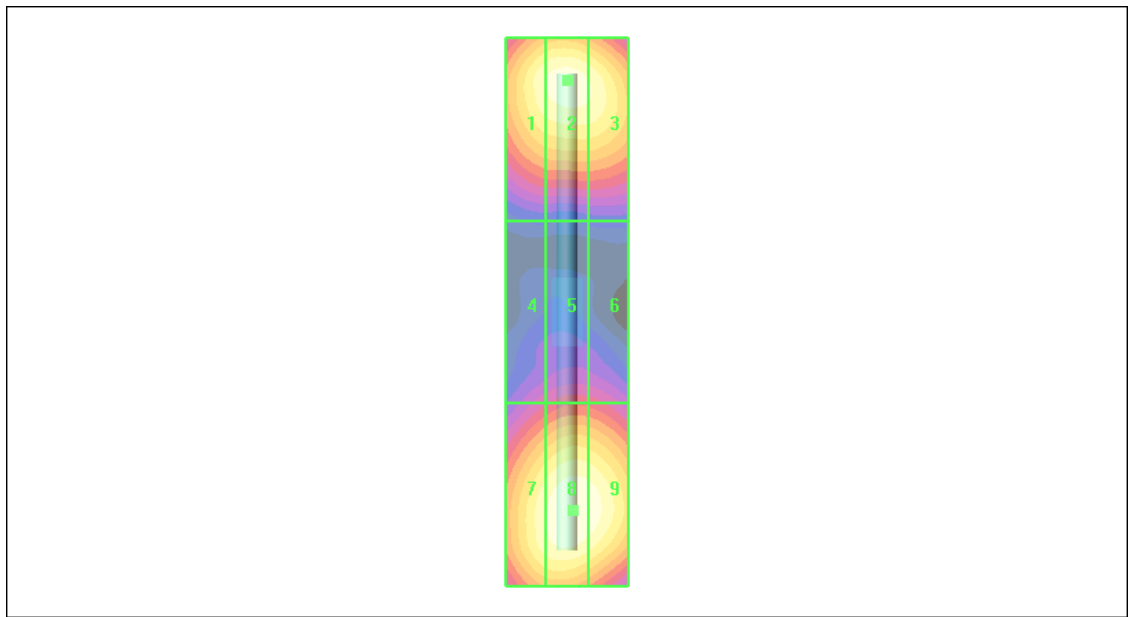
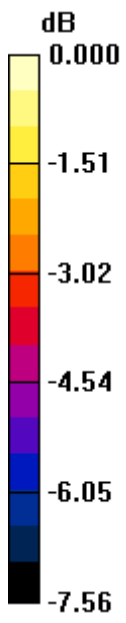
Grid 1 122.9 M2	Grid 2 127.4 M2	Grid 3 123.9 M2
Grid 4 81.3 M3	Grid 5 86.1 M3	Grid 6 85.2 M3
Grid 7 122.8 M2	Grid 8 130.1 M2	Grid 9 128.1 M2

Cursor:

Total = 130.1 V/m

E Category: M2

Location: -1, 32.5, 4.7 mm



0 dB = 130.1V/m

HAC_E_Dipole_1880_100602

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 = 133.7 V/m

Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 138.5 V/m; Power Drift = -0.011 dB

Average Value of Total = (132.9 + 133.7) / 2 = 133.3 V/m

Peak E-field in V/m

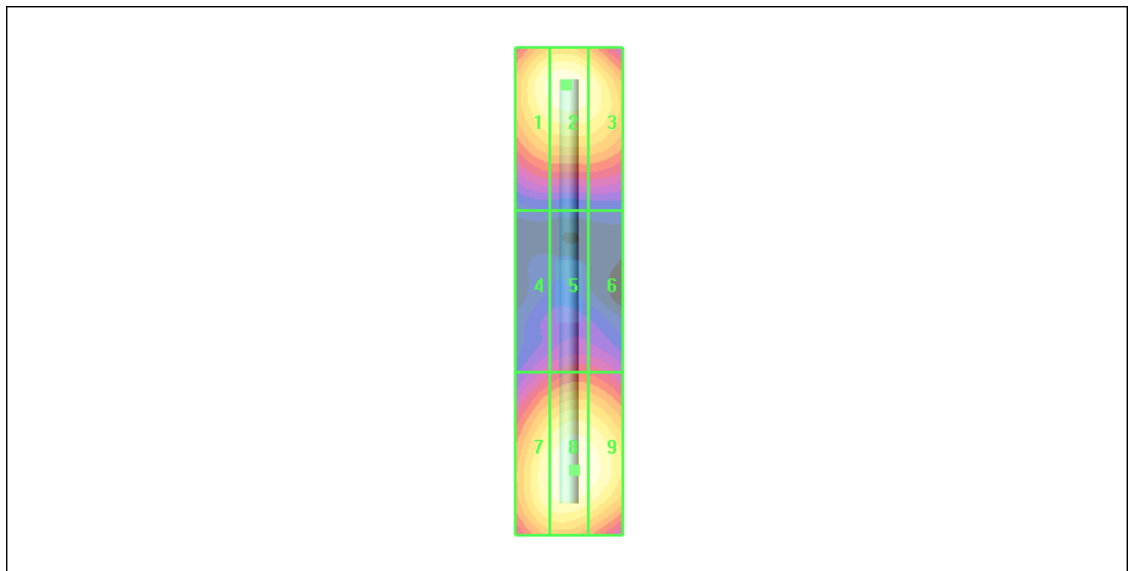
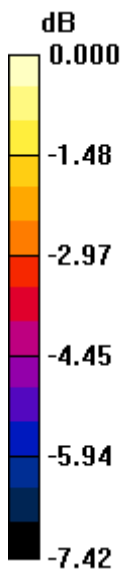
Grid 1 129.8 M2	Grid 2 132.9 M2	Grid 3 127.2 M2
Grid 4 84.0 M3	Grid 5 89.5 M3	Grid 6 88.9 M3
Grid 7 128.1 M2	Grid 8 133.7 M2	Grid 9 131.7 M2

Cursor:

Total = 133.7 V/m

E Category: M2

Location: -1, 33, 4.7 mm



0 dB = 133.7V/m

HAC_H_Dipole_835_100601

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 : 22.3 °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

Maximum value of peak Total field = 0.458 A/m

Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.508 A/m; Power Drift = -0.013 dB

Maximum Value of Total = 0.458 A/m

Peak H-field in A/m

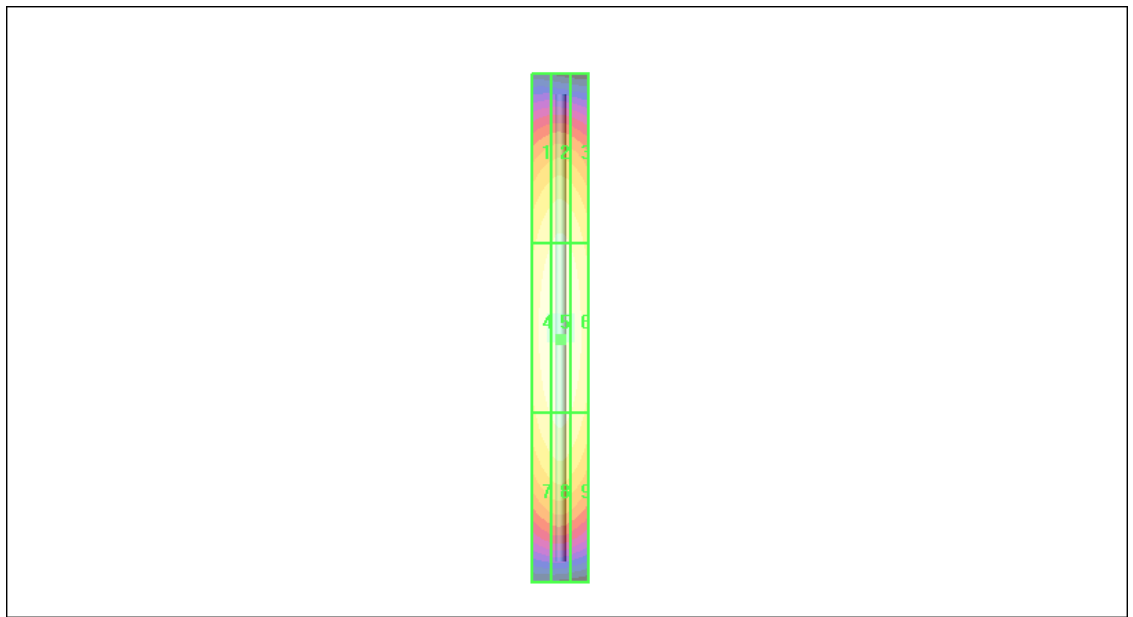
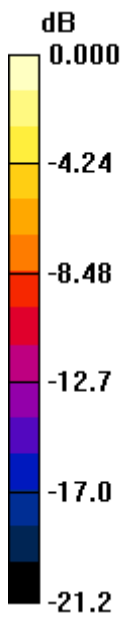
Grid 1 0.387 M4	Grid 2 0.403 M4	Grid 3 0.385 M4
Grid 4 0.438 M4	Grid 5 0.458 M4	Grid 6 0.437 M4
Grid 7 0.393 M4	Grid 8 0.410 M4	Grid 9 0.389 M4

Cursor:

Total = 0.458 A/m

H Category: M4

Location: 0, 4, 5.2 mm



0 dB = 0.458A/m

HAC_H_Dipole_835_100602

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: 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

Maximum value of peak Total field = 0.443 A/m

Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.492 A/m; Power Drift = -0.006 dB

Maximum Value of Total = 0.443 A/m

Peak H-field in A/m

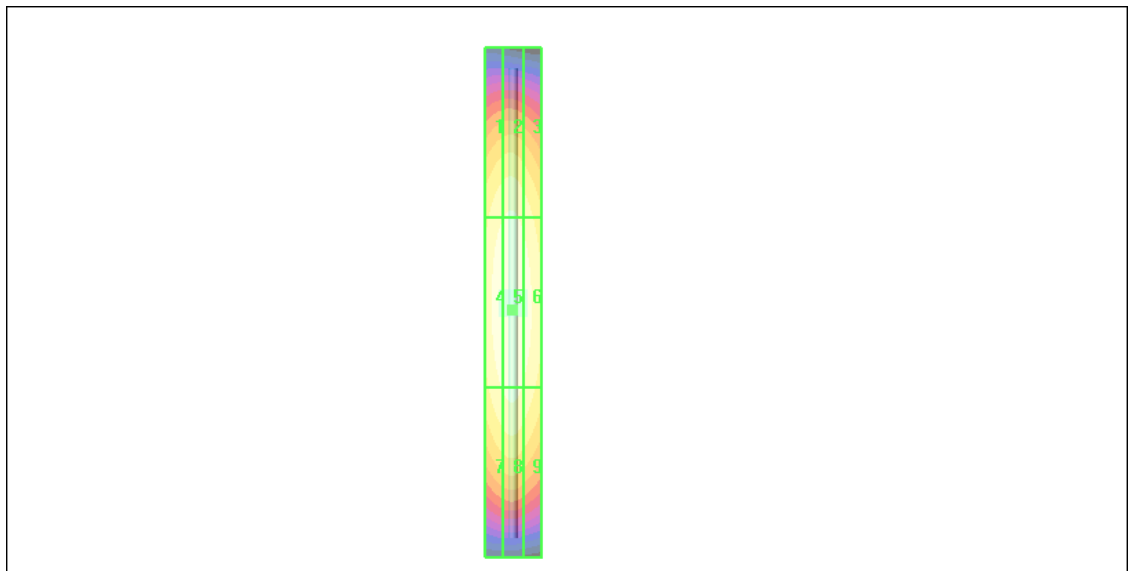
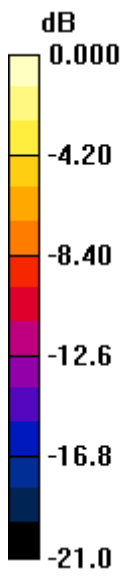
Grid 1 0.377 M4	Grid 2 0.387 M4	Grid 3 0.362 M4
Grid 4 0.429 M4	Grid 5 0.443 M4	Grid 6 0.415 M4
Grid 7 0.383 M4	Grid 8 0.398 M4	Grid 9 0.371 M4

Cursor:

Total = 0.443 A/m

H Category: M4

Location: 0.5, 2.5, 5.2 mm



0 dB = 0.443A/m

HAC_H_Dipole_1880_100601

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 : 22.3 °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

Maximum value of peak Total field = 0.449 A/m

Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.493 A/m; Power Drift = 0.002 dB

Maximum Value of Total = 0.449 A/m

Peak H-field in A/m

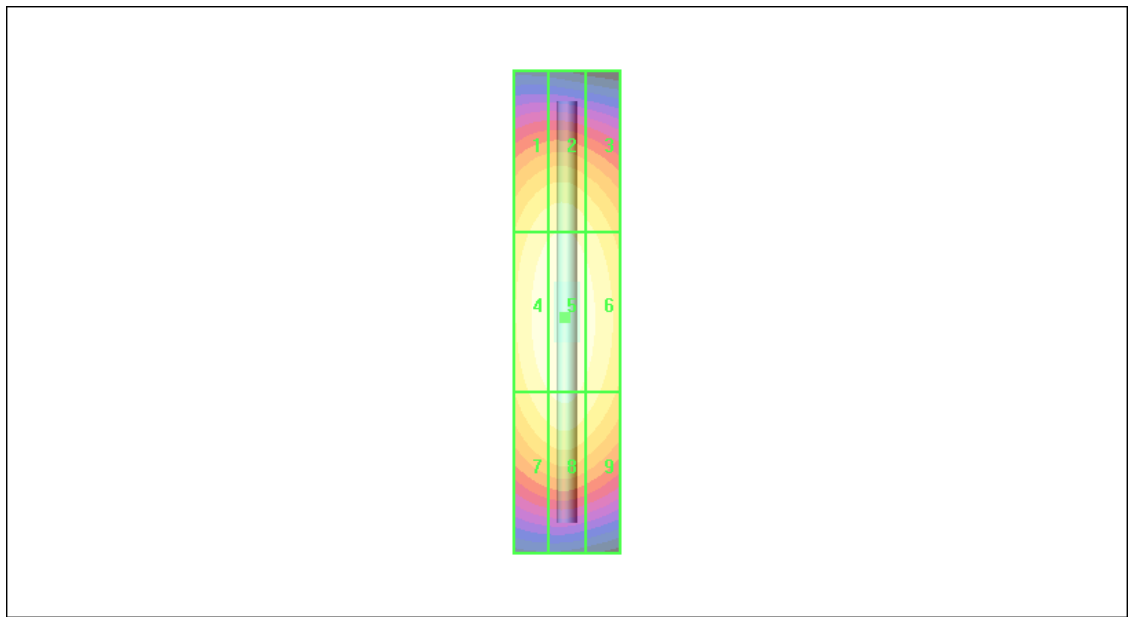
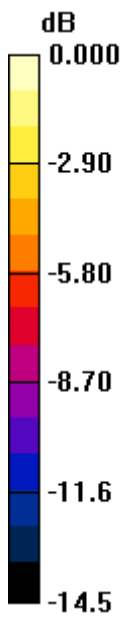
Grid 1 0.393 M2	Grid 2 0.403 M2	Grid 3 0.377 M2
Grid 4 0.436 M2	Grid 5 0.449 M2	Grid 6 0.422 M2
Grid 7 0.400 M2	Grid 8 0.415 M2	Grid 9 0.388 M2

Cursor:

Total = 0.449 A/m

H Category: M2

Location: 0.5, 1, 5.2 mm



0 dB = 0.449A/m

HAC_H_Dipole_1880_100602

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 : 22.4 °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

Maximum value of peak Total field = 0.481 A/m

Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.529 A/m; Power Drift = -0.004 dB

Maximum Value of Total = 0.481 A/m

Peak H-field in A/m

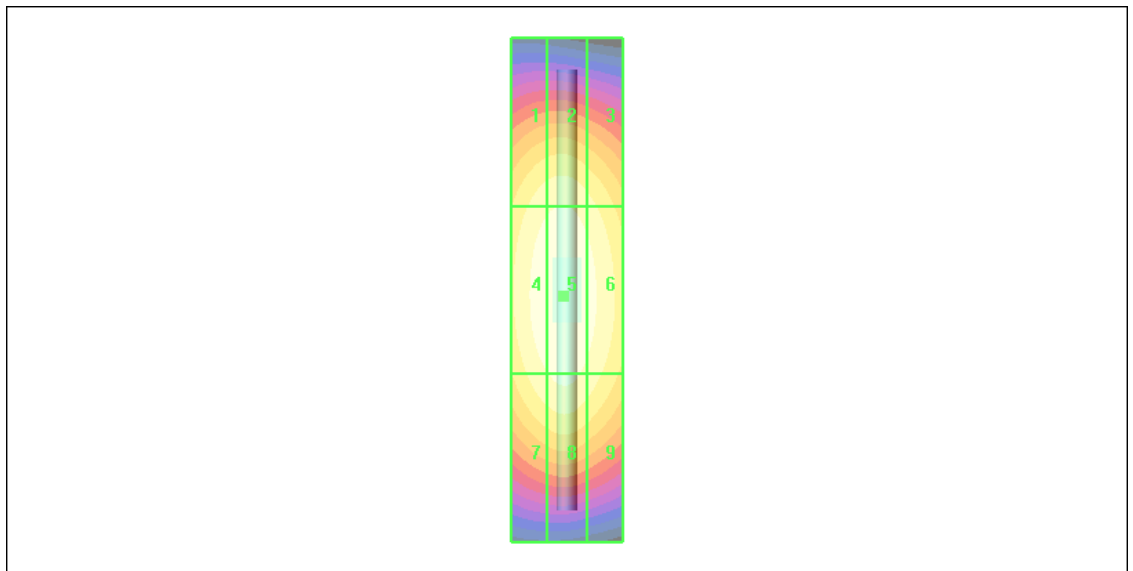
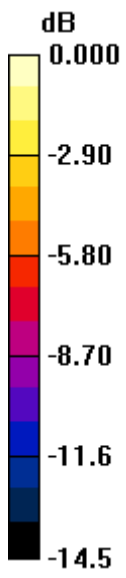
Grid 1 0.421 M2	Grid 2 0.431 M2	Grid 3 0.405 M2
Grid 4 0.467 M2	Grid 5 0.481 M2	Grid 6 0.453 M2
Grid 7 0.429 M2	Grid 8 0.445 M2	Grid 9 0.417 M2

Cursor:

Total = 0.481 A/m

H Category: M2

Location: 0.5, 1, 5.2 mm



0 dB = 0.481A/m