

HAC_E_Dipole_835_100814

DUT: Dipole 835 MHz

Communication System: GSM850; 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

Probe Modulation Factor = 1.00

Reference Value = 138.2 V/m; Power Drift = -0.016 dB

Average Value of Total = (161.5 + 192.2) / 2 = 176.85 V/m

Peak E-field in V/m

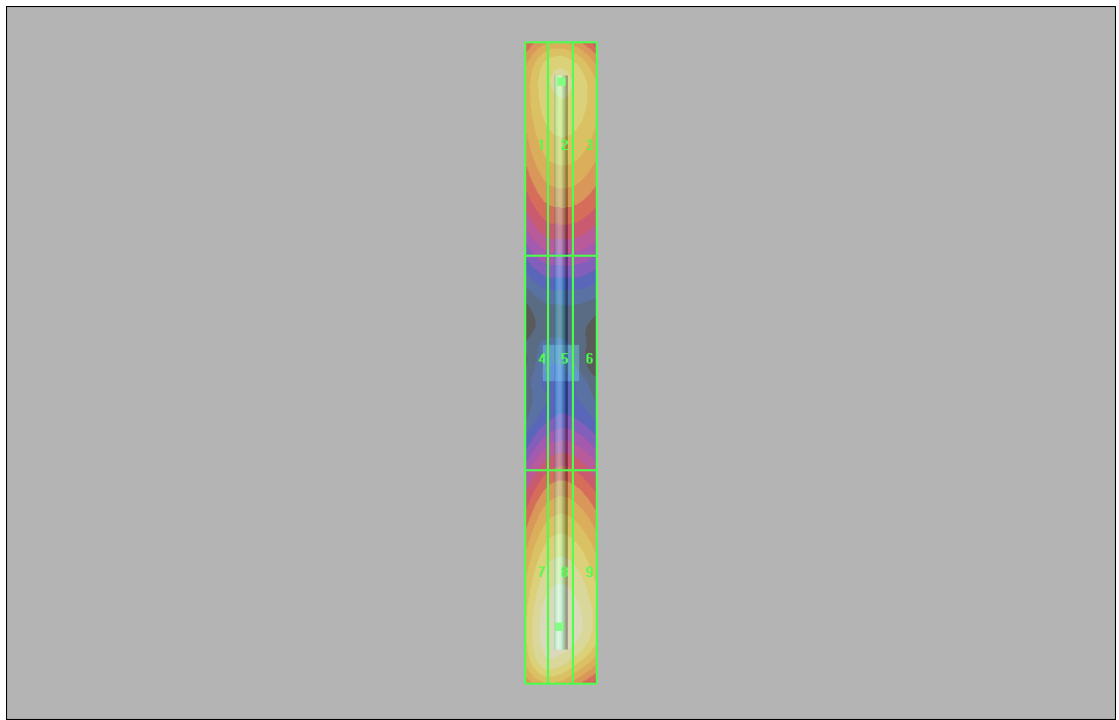
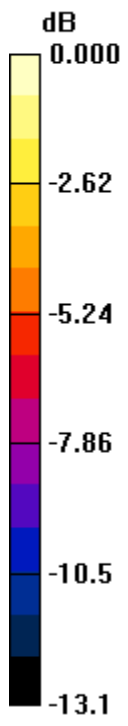
Grid 1 155.9 M4	Grid 2 161.5 M4	Grid 3 156.6 M4
Grid 4 94.5 M4	Grid 5 98.1 M4	Grid 6 95.4 M4
Grid 7 188.2 M4	Grid 8 192.2 M4	Grid 9 185.4 M4

Cursor:

Total = 192.2 V/m

E Category: M4

Location: 0.5, 74, 4.7 mm



0 dB = 192.2V/m

HAC_E_Dipole_835_100826

DUT: Dipole 835 MHz

Communication System: GSM850; 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

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2010/1/22
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

E 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

Reference Value = 142.9 V/m; Power Drift = -0.015 dB

Average Value of Total = (166.6+ 198.4) / 2 = 182.5 V/m

Peak E-field in V/m

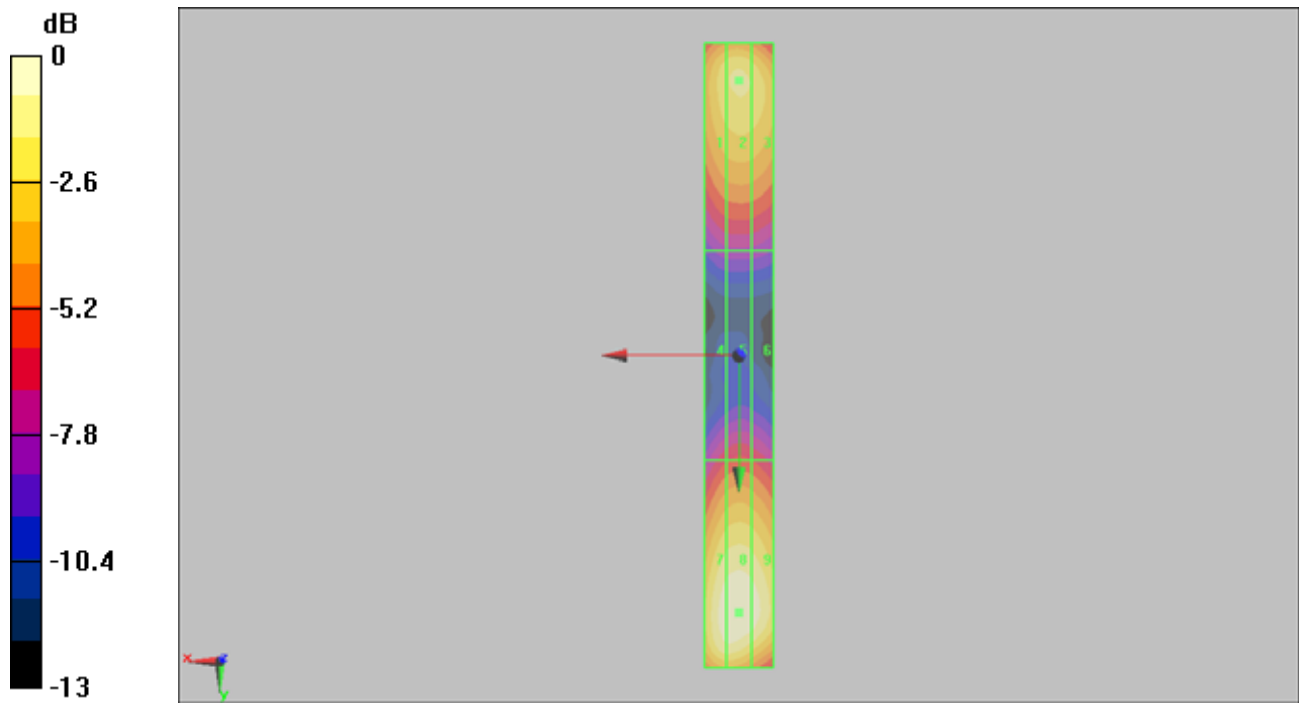
Grid 1 160.8 M4	Grid 2 166.6 M4	Grid 3 161.9 M4
Grid 4 97.8 M4	Grid 5 101.5 M4	Grid 6 98.8 M4
Grid 7 194.4 M4	Grid 8 198.4 M4	Grid 9 191.9 M4

Cursor:

Total = 198.4 V/m

E Category: M4

Location: 0, 74, 4.7 mm



0 dB = 198.4V/m

HAC_E_Dipole_1880_100812

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: 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

Probe Modulation Factor = 1.00

Reference Value = 150.5 V/m; Power Drift = -0.019 dB

Average Value of Total = (144.2 + 145.6) / 2 = 144.9 V/m

Peak E-field in V/m

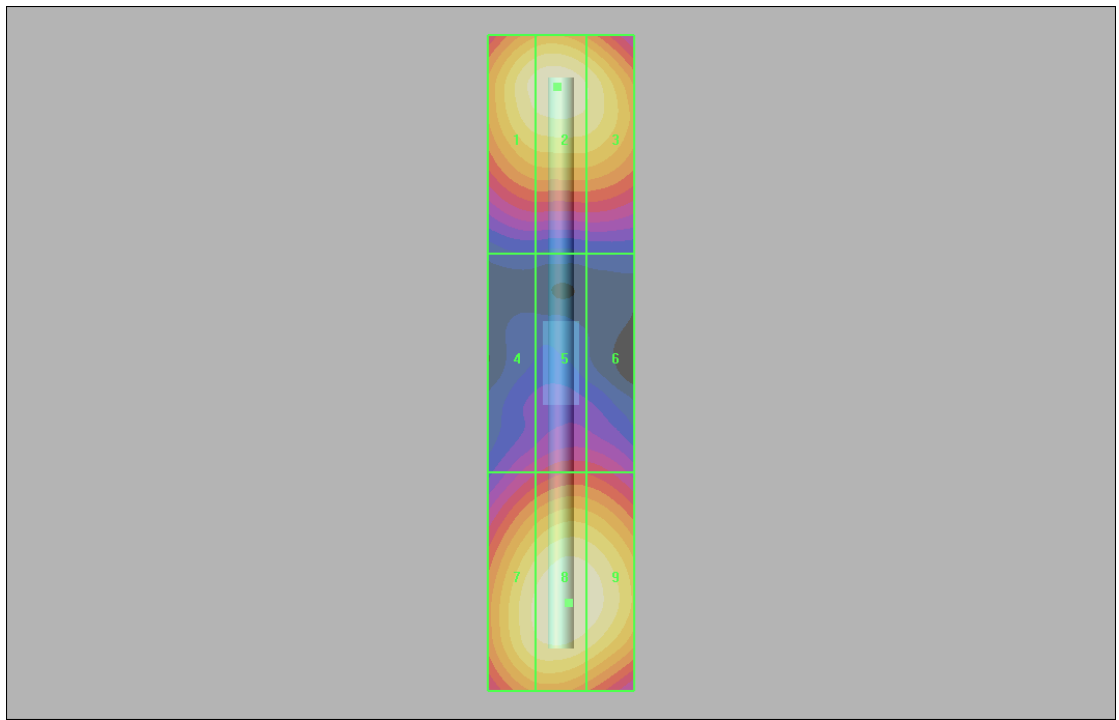
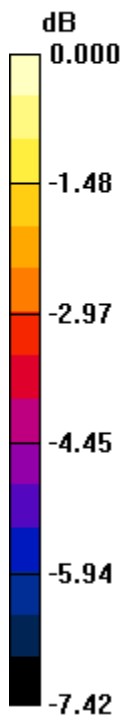
Grid 1 141.0 M2	Grid 2 144.2 M2	Grid 3 138.4 M2
Grid 4 91.6 M3	Grid 5 97.7 M3	Grid 6 97.1 M3
Grid 7 139.6 M2	Grid 8 145.6 M2	Grid 9 143.3 M2

Cursor:

Total = 145.6 V/m

E Category: M2

Location: -1, 33, 4.7 mm



0 dB = 145.6V/m

HAC_E_Dipole_1880_100817**DUT: HAC Dipole 1880 MHz**

Communication System: GSM850; 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

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2010/1/22
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

E 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

Reference Value = 139.7 V/m; Power Drift = -0.029 dB

Average Value of Total = $(135.0 + 137.5) / 2 = 136.25$ V/m

Peak E-field in V/m

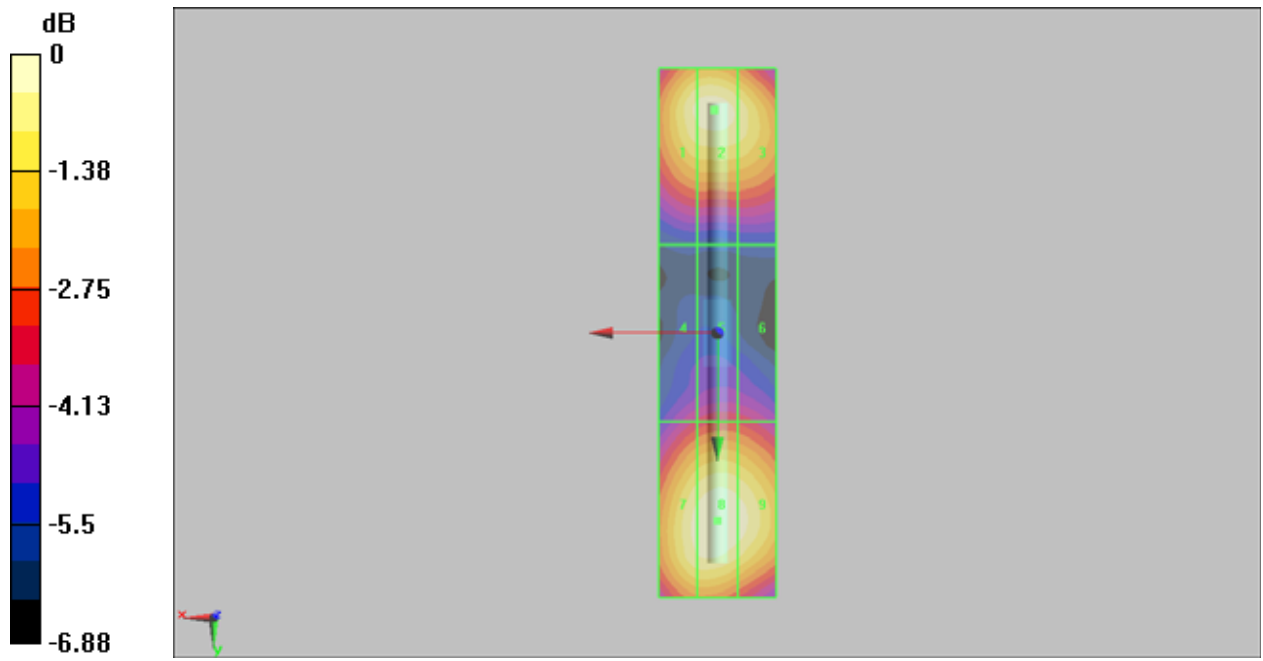
Grid 1 132.3 M2	Grid 2 135.0 M2	Grid 3 129.0 M2
Grid 4 91.2 M3	Grid 5 95.1 M3	Grid 6 93.9 M3
Grid 7 133.7 M2	Grid 8 137.5 M2	Grid 9 134.2 M2

Cursor:

Total = 137.5 V/m

E Category: M2

Location: 0, 32, 4.7 mm



0 dB = 137.5V/m

HAC_E_Dipole_1880_100826

DUT: HAC Dipole 1880 MHz

Communication System: GSM850; 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

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2010/1/22
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

E 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

Reference Value = 182.6 V/m; Power Drift = -0.031 dB

Average Value of Total = (157.3 + 162.9) / 2 = 160.1 V/m

Peak E-field in V/m

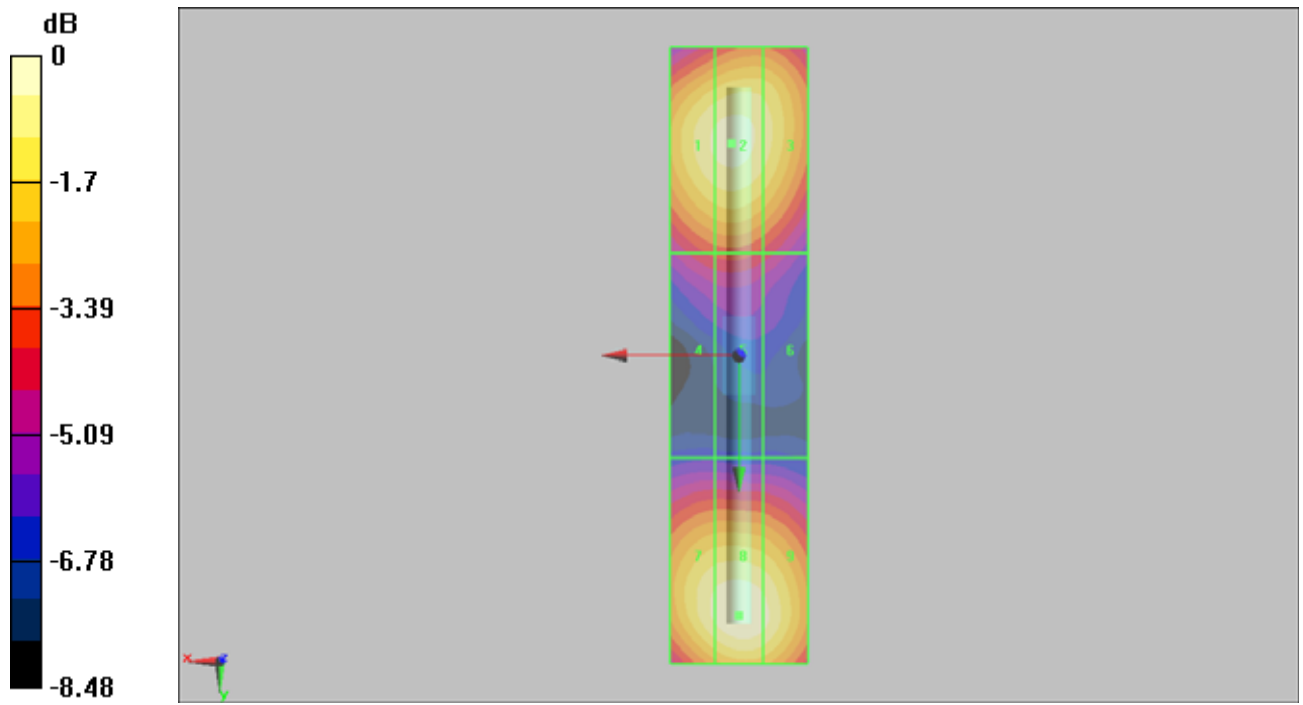
Grid 1 154.4 M2	Grid 2 157.3 M2	Grid 3 149.2 M2
Grid 4 106.0 M3	Grid 5 107.8 M3	Grid 6 101.3 M3
Grid 7 155.3 M2	Grid 8 162.9 M2	Grid 9 156.9 M2

Cursor:

Total = 162.9 V/m

E Category: M2

Location: 0, 38, 4.7 mm



0 dB = 162.9V/m

HAC_H_Dipole_835_100814

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:

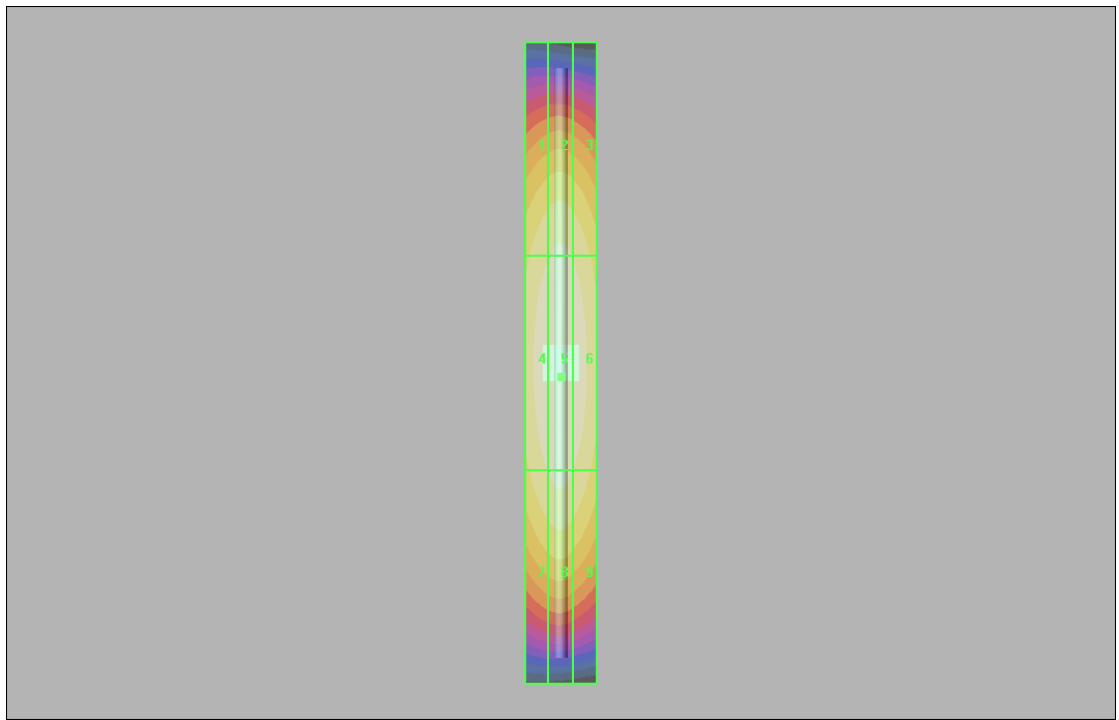
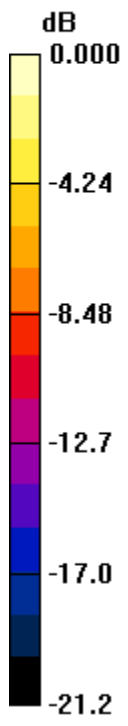
- Probe: H3DV6 - SN6184; ; Calibrated: 2010/1/22
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn910; Calibrated: 2009/9/18
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

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 = 0.502 A/m; Power Drift = -0.012 dB
Maximum Value of Total = 0.453 A/m

Peak H-field in A/m

Grid 1 0.383 M4	Grid 2 0.399 M4	Grid 3 0.380 M4
Grid 4 0.433 M4	Grid 5 0.453 M4	Grid 6 0.431 M4
Grid 7 0.388 M4	Grid 8 0.405 M4	Grid 9 0.384 M4

Cursor:
 Total = 0.453 A/m
 H Category: M4
 Location: 0, 4, 5.2 mm



0 dB = 0.453A/m

HAC_H_Dipole_835_100826

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

DASY5 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2010/1/22
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

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

Reference Value = 0.500 A/m; Power Drift = -0.024 dB

Maximum Value of Total = 0.450 A/m

Peak H-field in A/m

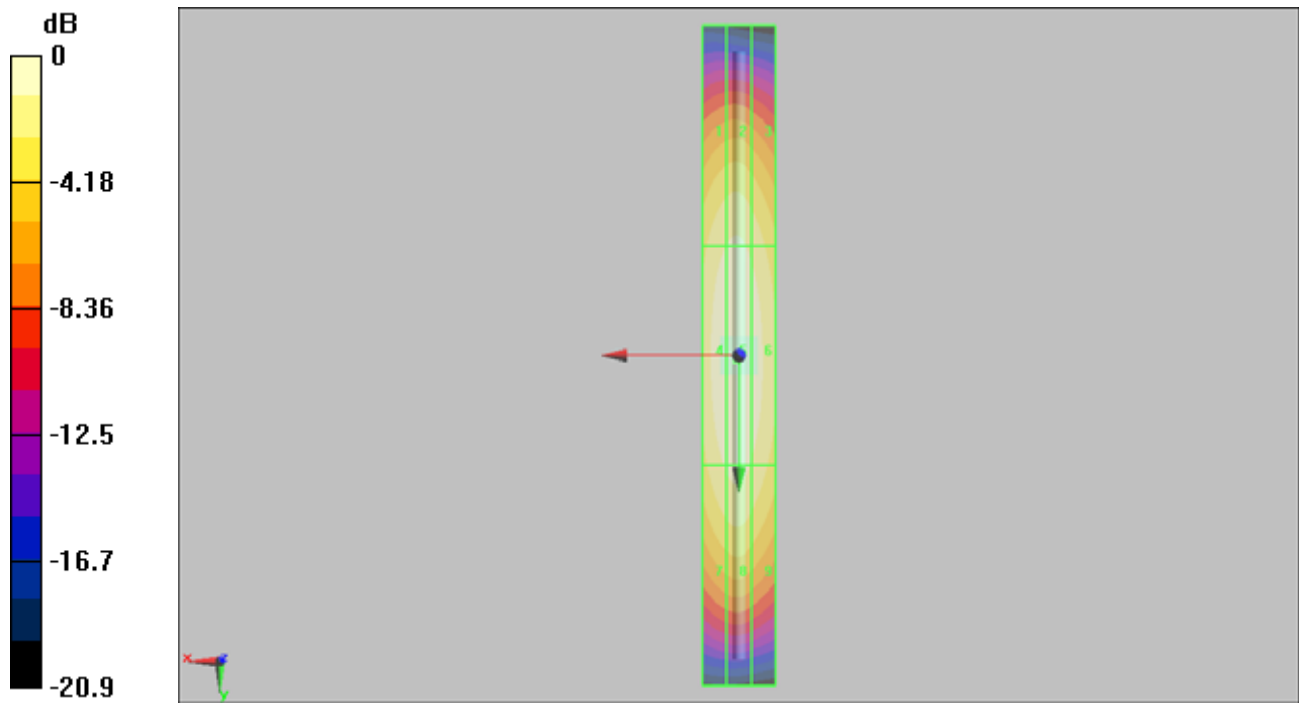
Grid 1 0.383 M4	Grid 2 0.394 M4	Grid 3 0.368 M4
Grid 4 0.435 M4	Grid 5 0.450 M4	Grid 6 0.421 M4
Grid 7 0.389 M4	Grid 8 0.404 M4	Grid 9 0.376 M4

Cursor:

Total = 0.450 A/m

H Category: M4

Location: 0.5, 1, 5.2 mm



0 dB = 0.450A/m

HAC_H_Dipole_1880_100814

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: 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 = 0.548 A/m; Power Drift = 0.001 dB
Maximum Value of Total = 0.496 A/m

Peak H-field in A/m

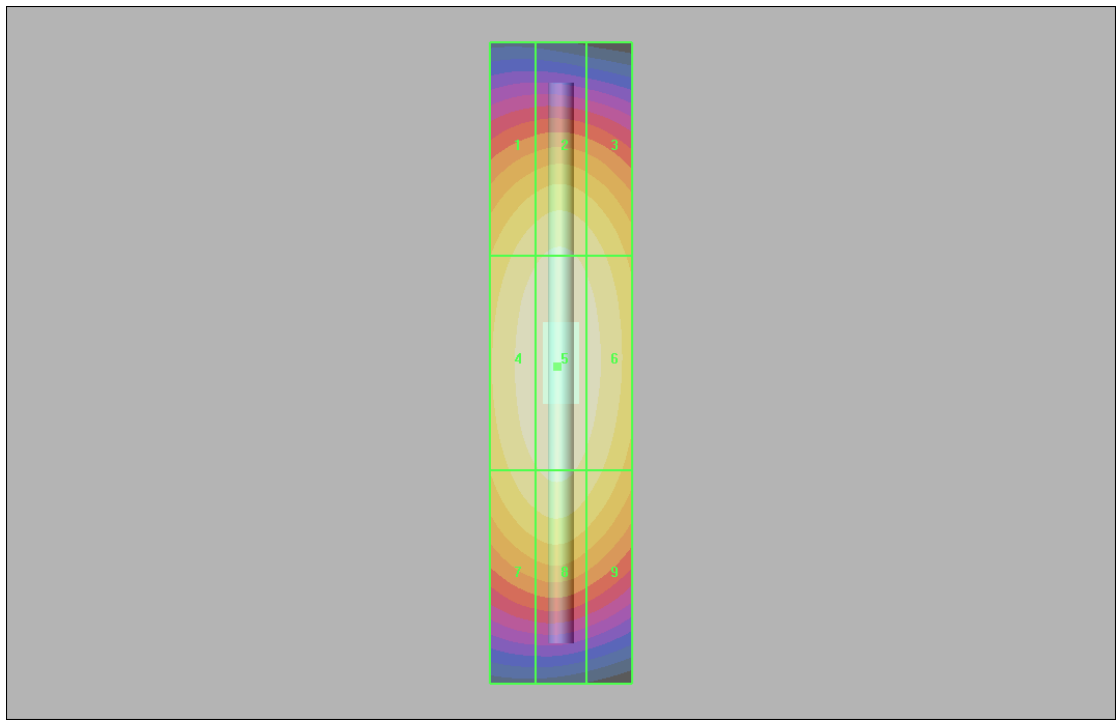
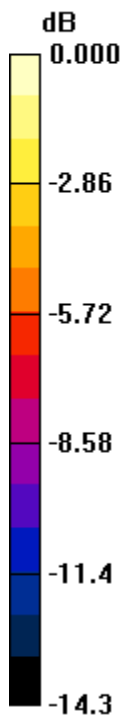
Grid 1 0.437 M2	Grid 2 0.454 M2	Grid 3 0.432 M2
Grid 4 0.478 M2	Grid 5 0.496 M2	Grid 6 0.471 M2
Grid 7 0.441 M2	Grid 8 0.457 M2	Grid 9 0.429 M2

Cursor:

Total = 0.496 A/m

H Category: M2

Location: 0.5, 0.5, 5.2 mm



0 dB = 0.496A/m

HAC_H_Dipole_1880_100826**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

DASY5 Configuration:

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

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn778; Calibrated: 2009/9/18

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

- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

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

Reference Value = 0.546 A/m; Power Drift = -0.022 dB

Maximum Value of Total = 0.497 A/m

Peak H-field in A/m

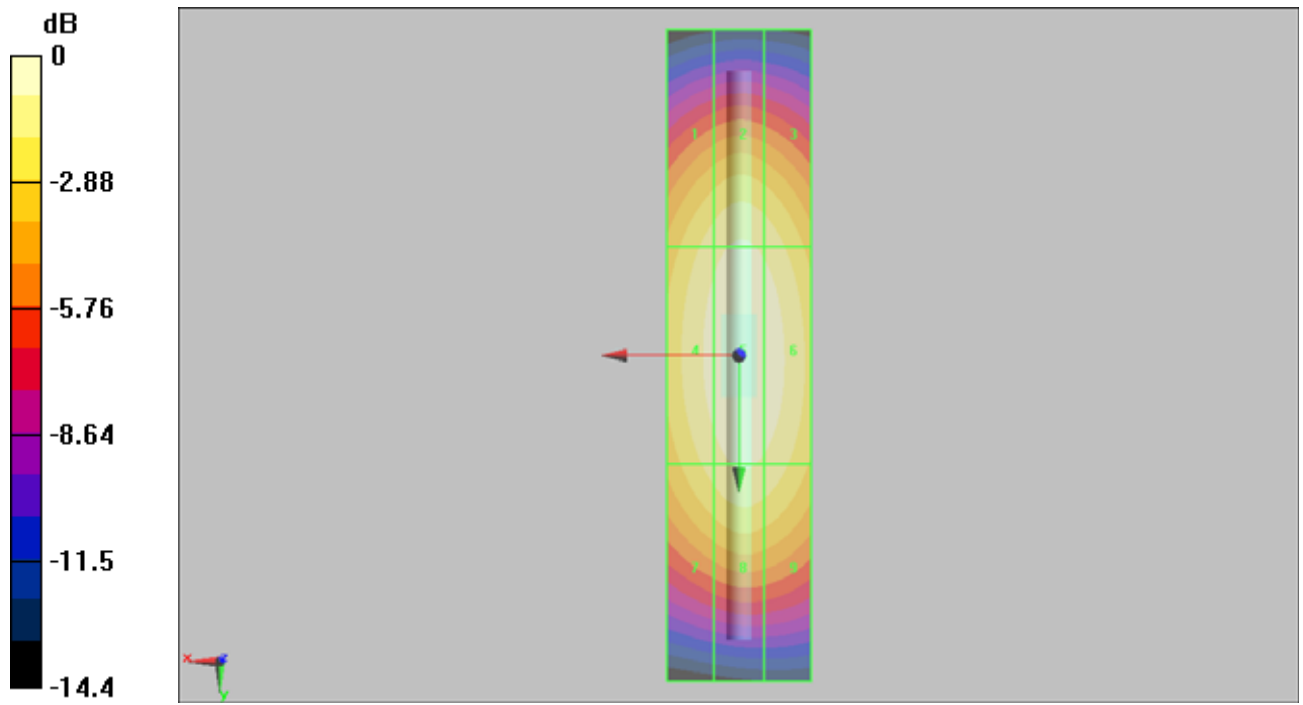
Grid 1 0.425 M2	Grid 2 0.453 M2	Grid 3 0.434 M2
Grid 4 0.465 M2	Grid 5 0.497 M2	Grid 6 0.480 M2
Grid 7 0.420 M2	Grid 8 0.450 M2	Grid 9 0.436 M2

Cursor:

Total = 0.497 A/m

H Category: M2

Location: -0.5, 0, 5.2 mm



0 dB = 0.497A/m