**HAC_E_Dipole_835_100805**

**DUT: Dipole 835 MHz**

Communication System: GSM850; Frequency: 835 MHz;Duty Cycle: 1:1
Medium: Air Medium parameters used: $\sigma$ = 0 mho/m, $\varepsilon_r$ = 1; $\rho$ = 1000 kg/m$^3$
Ambient Temperature   22.3

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 = 132.9 V/m; Power Drift = -0.011 dB
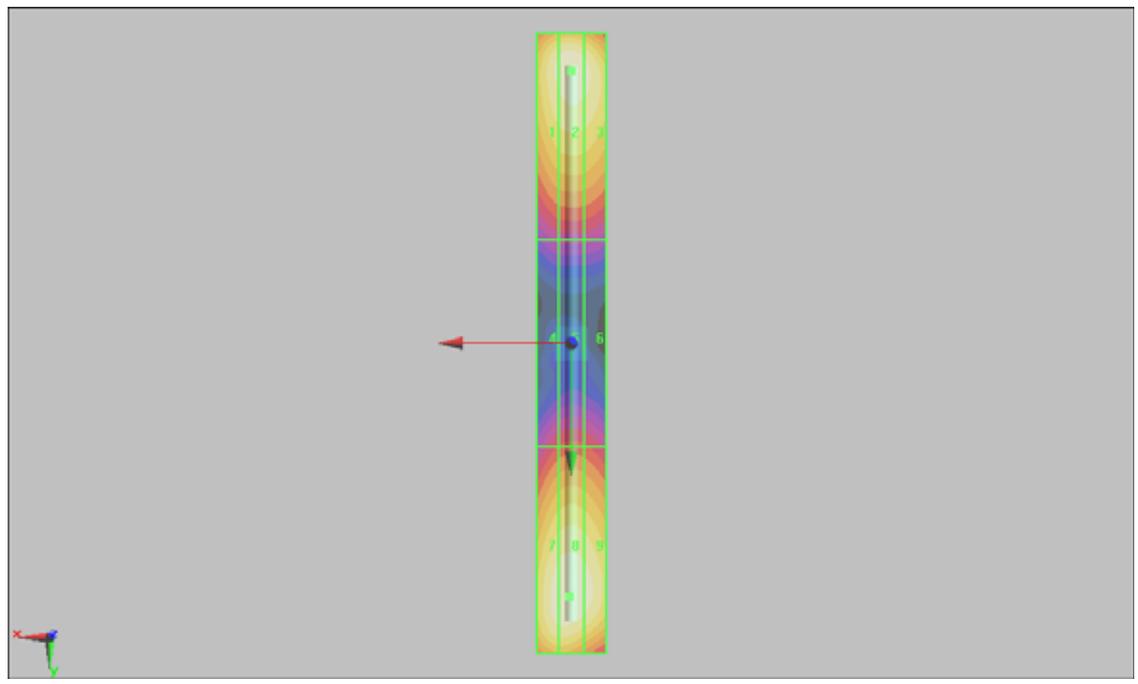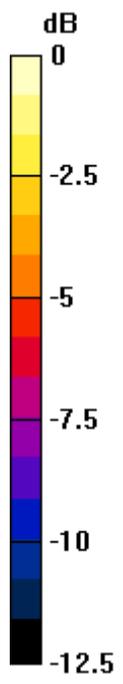**Average Value of Total = (175.9 + 178.1) / 2 = 177 V/m**

Peak E-field in V/m

| Grid 1 | Grid 2 | Grid 3 |
|---|---|---|
| **168.8 M4** | **175.9 M4** | **170.5 M4** |
| Grid 4 | Grid 5 | Grid 6 |
| **92.4 M4** | **95.6 M4** | **93.4 M4** |
| Grid 7 | Grid 8 | Grid 9 |
| **175.0 M4** | **178.1 M4** | **172.4 M4** |

**Cursor:**
Total = 178.1 V/m
E Category: M4
Location: 0.5, 73.5, 4.7 mm

0 dB = 178.1V/m

**HAC_E_Dipole_1880_100805**

**DUT: HAC Dipole 1880 MHz**

Communication System: GSM850; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: Air Medium parameters used: $\sigma$ = 0 mho/m, $\varepsilon_r$ = 1; $\rho$ = 1000 kg/m$^3$
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 = 147.5 V/m; Power Drift = -0.015 dB
**Average Value of Total = (143.8 + 145.3) / 2 = 144.55 V/m**
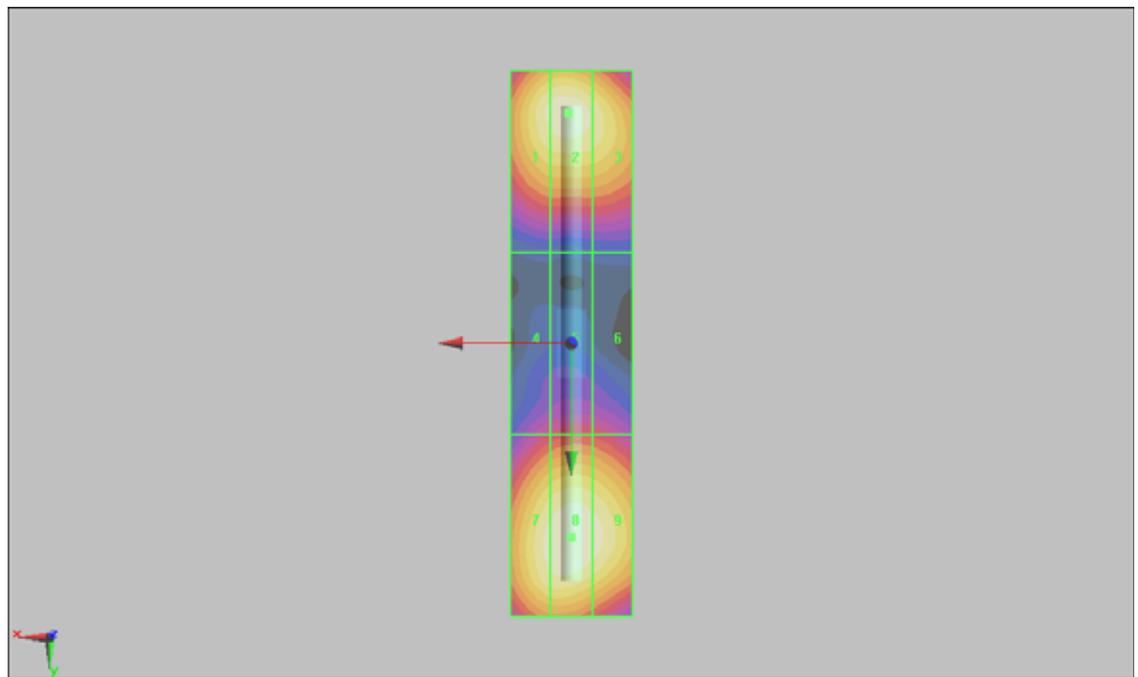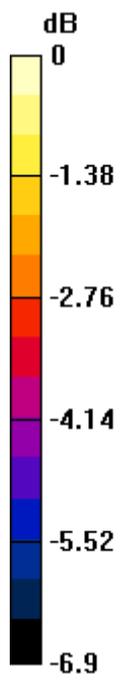
Peak E-field in V/m

| Grid 1 | Grid 2 | Grid 3 |
|---|---|---|
| **140.7 M2** | **143.8 M2** | **137.0 M2** |
| Grid 4 | Grid 5 | Grid 6 |
| **96.5 M3** | **100.5 M3** | **99.1 M3** |
| Grid 7 | Grid 8 | Grid 9 |
| **141.5 M2** | **145.3 M2** | **141.8 M2** |

**Cursor:**
Total = 145.3 V/m
E Category: M2
Location: 0, 32, 4.7 mm

0 dB = 145.3V/m

**HAC_H_Dipole_835_100805**

**DUT: HAC-Dipole 835 MHz**

Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium: Air Medium parameters used: σ = 0 mho/m, $ε_r$ = 1; ρ = 1 kg/m$^3$
Ambient Temperature   22.4

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 = 0.482 A/m; Power Drift = 0.00742 dB

**Maximum Value of Total = 0.434 A/m**
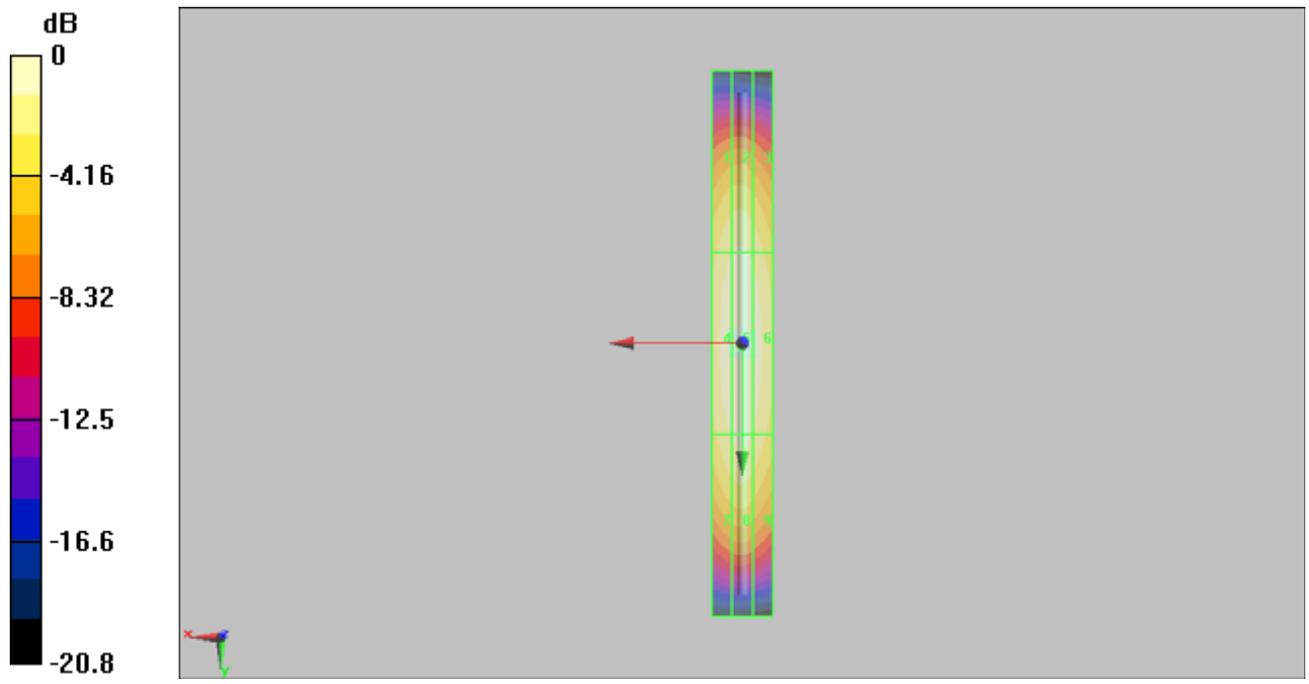
Peak H-field in A/m

| Grid 1 | Grid 2 | Grid 3 |
|---|---|---|
| **0.369 M4** | **0.380 M4** | **0.354 M4** |
| Grid 4 | Grid 5 | Grid 6 |
| **0.419 M4** | **0.434 M4** | **0.406 M4** |
| Grid 7 | Grid 8 | Grid 9 |
| **0.375 M4** | **0.389 M4** | **0.363 M4** |

**Cursor:**
Total = 0.434 A/m
H Category: M4
Location: 0.5, 1, 5.2 mm

0 dB = 0.434A/m

**HAC_H_Dipole_1880_100805**

**DUT: HAC Dipole 1880 MHz**

Communication System: CW; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\varepsilon_r = 1$; $\rho = 1$ kg/m$^3$
Ambient Temperature   22.6

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 = 0.517 A/m; Power Drift = -0.00983 dB
**Maximum Value of Total = 0.470 A/m**
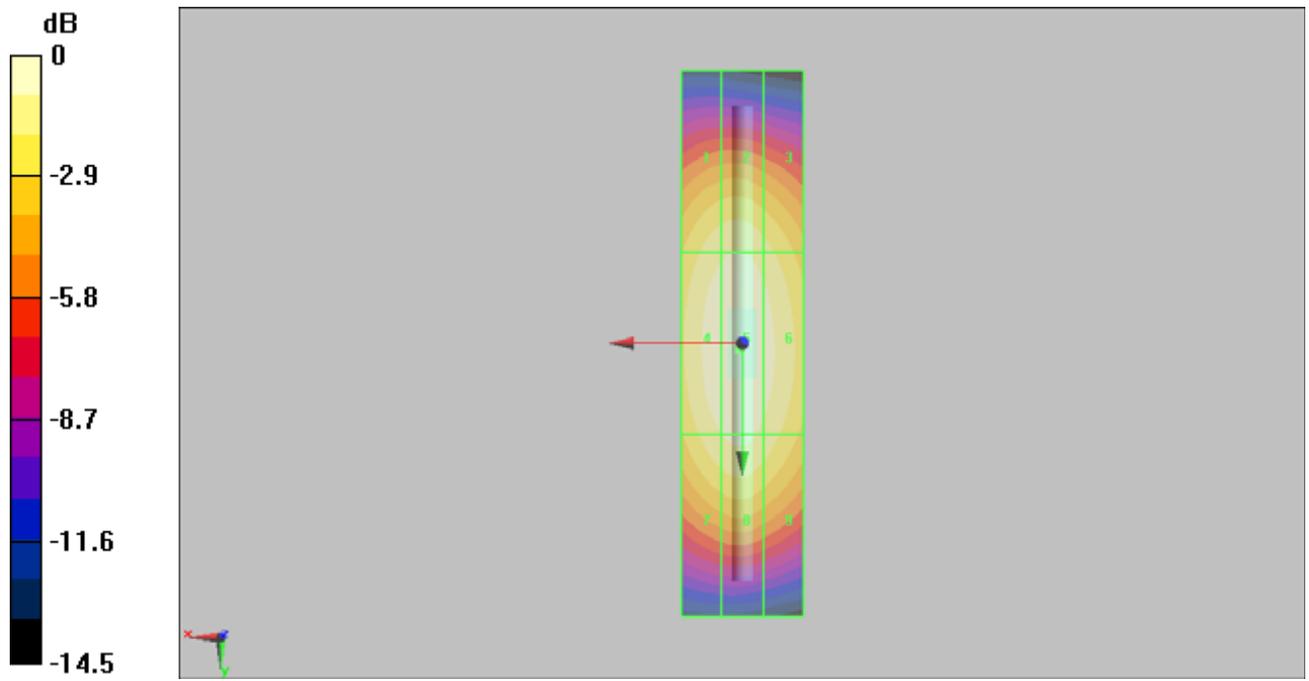
Peak H-field in A/m

| Grid 1 | Grid 2 | Grid 3 |
|---|---|---|
| **0.412 M2** | **0.422 M2** | **0.395 M2** |
| Grid 4 | Grid 5 | Grid 6 |
| **0.457 M2** | **0.470 M2** | **0.442 M2** |
| Grid 7 | Grid 8 | Grid 9 |
| **0.419 M2** | **0.434 M2** | **0.407 M2** |

**Cursor:**
Total = 0.470 A/m
H Category: M2
Location: 0.5, 1, 5.2 mm

0 dB = 0.470A/m