

HAC_E_Dipole_835_100922**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 : 22.6

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2010/1/22
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- 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 - ER probe center 10mm above CD1880 Dipole/Hearing Aid Compatibility Test (41x181x1): Measurement grid: dx=5mm, dy=5mm

Probe Modulation Factor = 1

Reference Value = 127.9 V/m; Power Drift = -0.00661 dB

Average Value of Total = (169.1 + 171.7) / 2 = 170.4 V/m

Peak E-field in V/m

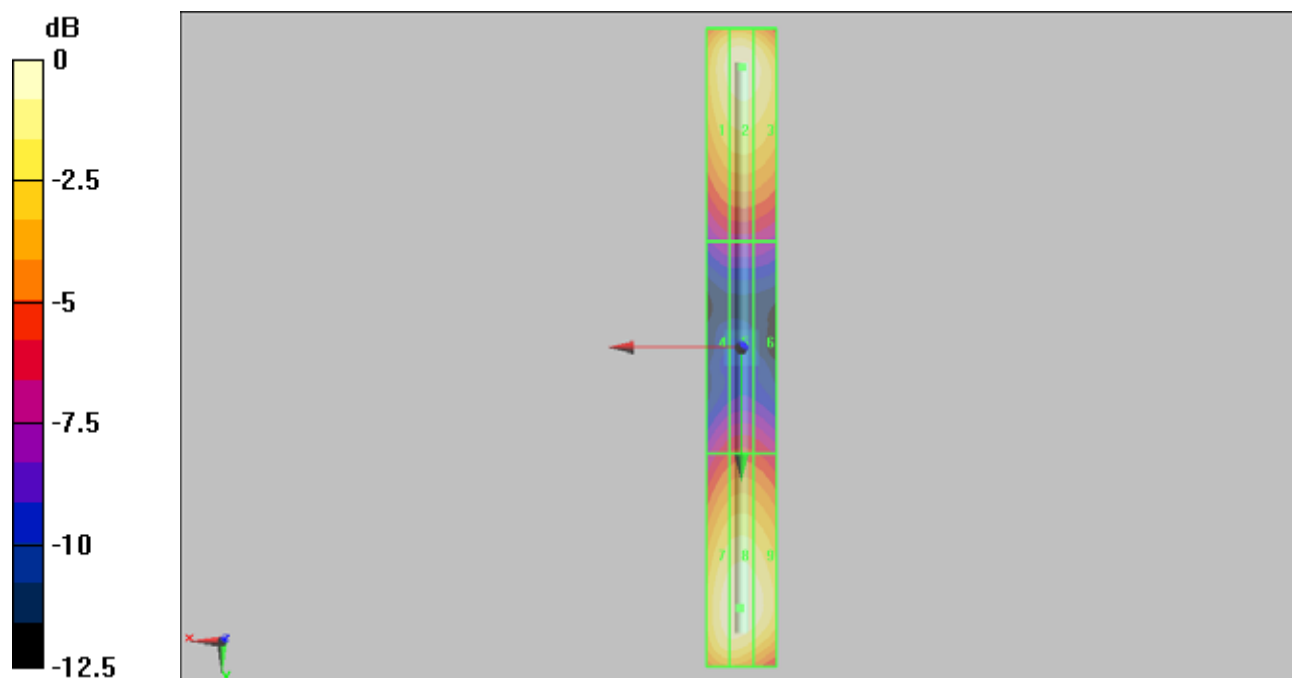
Grid 1 162.5 M4	Grid 2 169.1 M4	Grid 3 163.5 M4
Grid 4 88.9 M4	Grid 5 92.1 M4	Grid 6 89.8 M4
Grid 7 168.2 M4	Grid 8 171.7 M4	Grid 9 165.9 M4

Cursor:

Total = 171.7 V/m

E Category: M4

Location: 0.5, 73.5, 4.7 mm



HAC_E_Dipole_1880_100922**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 : 22.6 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2010/1/22
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- 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 = (134.9 + 137.3) / 2 = 136.1 V/m

Peak E-field in V/m

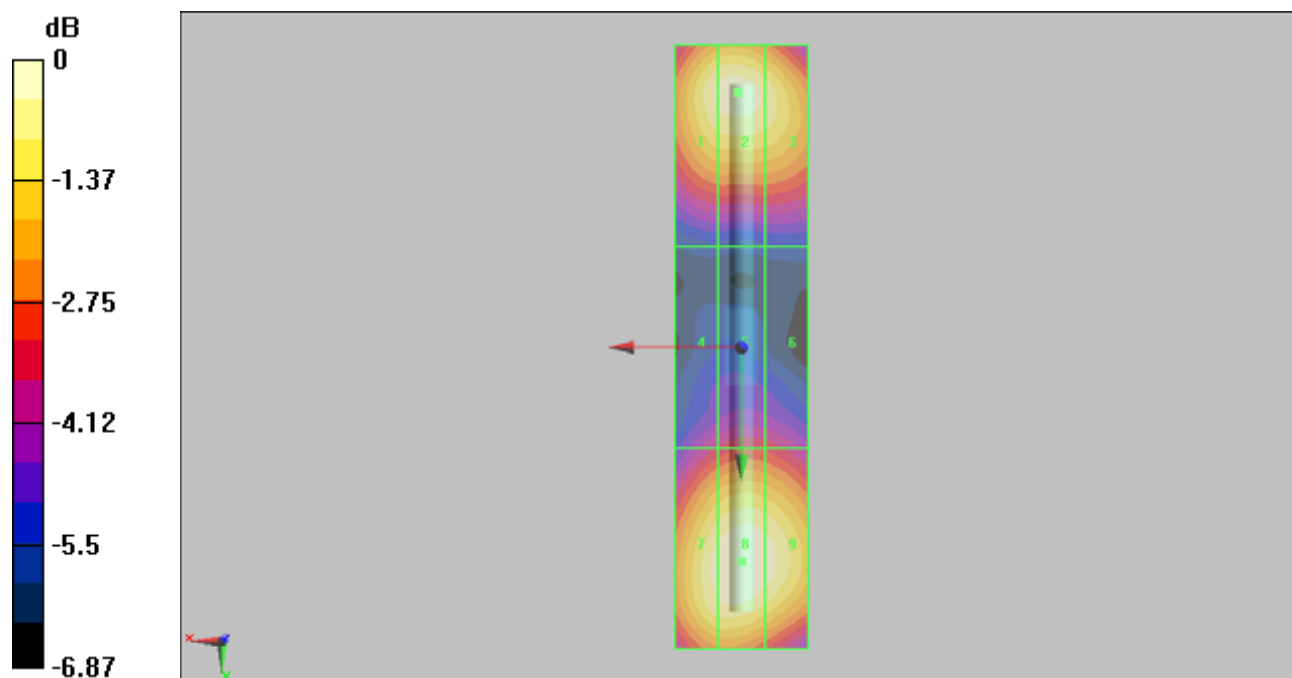
Grid 1 132.2 M2	Grid 2 134.9 M2	Grid 3 128.9 M2
Grid 4 91.2 M3	Grid 5 95 M3	Grid 6 93.8 M3
Grid 7 133.6 M2	Grid 8 137.3 M2	Grid 9 134.1 M2

Cursor:

Total = 137.3 V/m

E Category: M2

Location: 0, 32, 4.7 mm



0 dB = 137.3V/m

HAC_H_Dipole_835_100922**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 : 22.6 °C

DASY5 Configuration:

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

- Sensor-Surface: (Fix Surface)

- Electronics: DAE3 Sn577; Calibrated: 2010/8/18

- 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 = 0.515 A/m; Power Drift = -2.04e-005 dB

Maximum Value of Total = 0.465 A/m

Peak H-field in A/m

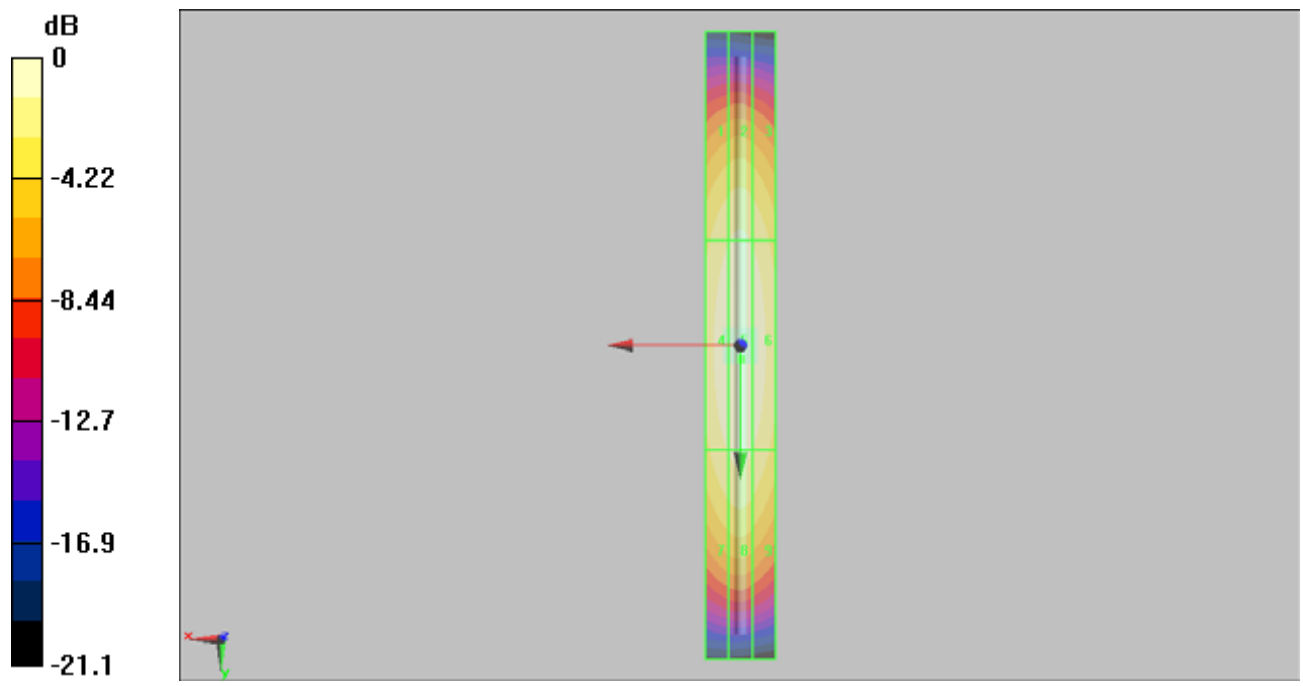
Grid 1 0.392 M4	Grid 2 0.409 M4	Grid 3 0.390 M4
Grid 4 0.444 M4	Grid 5 0.465 M4	Grid 6 0.443 M4
Grid 7 0.399 M4	Grid 8 0.416 M4	Grid 9 0.395 M4

Cursor:

Total = 0.465 A/m

H Category: M4

Location: 0, 4, 5.2 mm



0 dB = 0.465A/m

HAC_H_Dipole_1880_100922**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 : 22.6 °C

DASY5 Configuration:

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

- Sensor-Surface: (Fix Surface)

- Electronics: DAE3 Sn577; Calibrated: 2010/8/18

- 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 = 0.530 A/m; Power Drift = -0.00437 dB

Maximum Value of Total = 0.482 A/m

Peak H-field in A/m

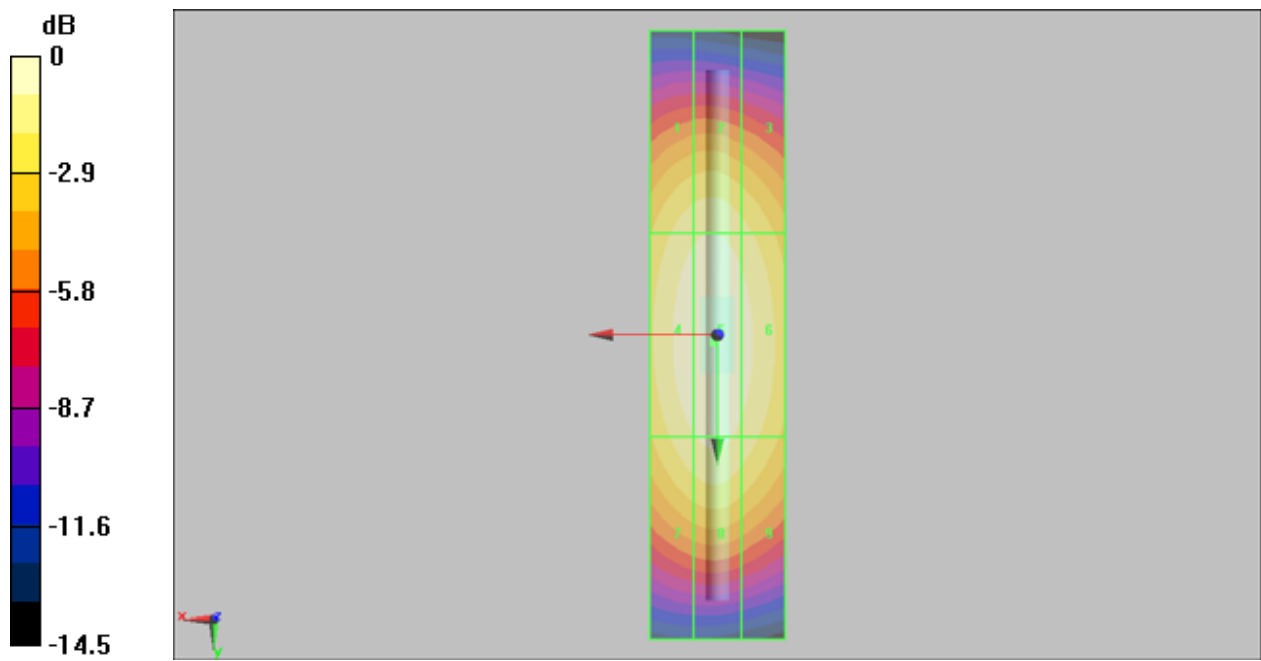
Grid 1 0.421 M2	Grid 2 0.431 M2	Grid 3 0.405 M2
Grid 4 0.467 M2	Grid 5 0.482 M2	Grid 6 0.453 M2
Grid 7 0.429 M2	Grid 8 0.445 M2	Grid 9 0.417 M2

Cursor:

Total = 0.482 A/m

H Category: M2

Location: 0.5, 1, 5.2 mm



0 dB = 0.482A/m