

HAC_E_Dipole_835_110805

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

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2011/1/14
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- 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

Maximum value of peak Total field = 177.7 V/m

Probe Modulation Factor = 1

Reference Value = 130.2 V/m; Power Drift = 0.013 dB

Average value of Total = $(177.7 + 177.6) / 2 = 177.65$ V/m

Peak E-field in V/m

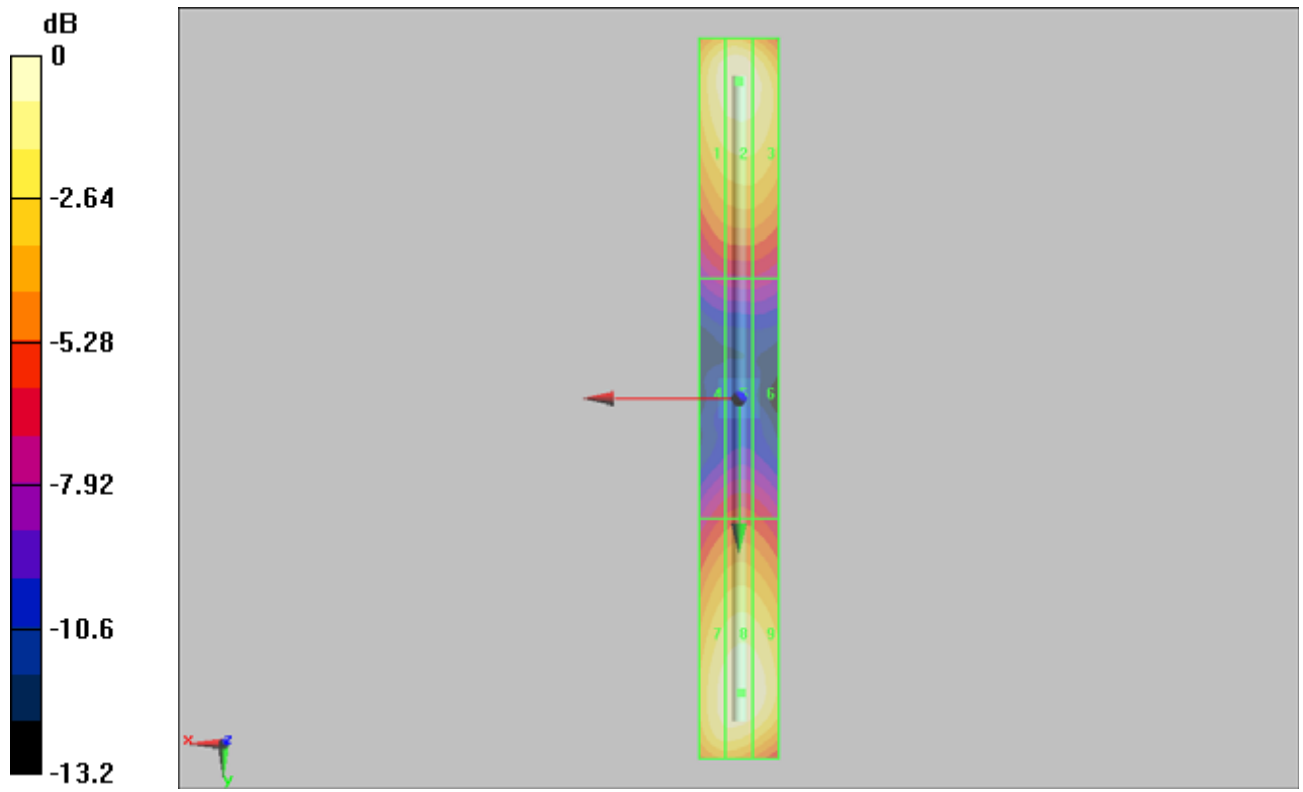
Grid 1 172.4 M4	Grid 2 177.7 M4	Grid 3 170.0 M4
Grid 4 90 M4	Grid 5 93.9 M4	Grid 6 91.6 M4
Grid 7 170.0 M4	Grid 8 177.6 M4	Grid 9 174.1 M4

Cursor:

Total = 177.7 V/m

E Category: M4

Location: 0, -79, 4.7 mm



0 dB = 177.7V/m

HAC_E_Dipole_1880_110805

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

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2011/1/14
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- 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

Maximum value of peak Total field = 130.0 V/m

Probe Modulation Factor = 1

Reference Value = 132.1 V/m; Power Drift = 0.147 dB

Average value of Total= (130+ 129.9) / 2= 129.95 V/m

Peak E-field in V/m

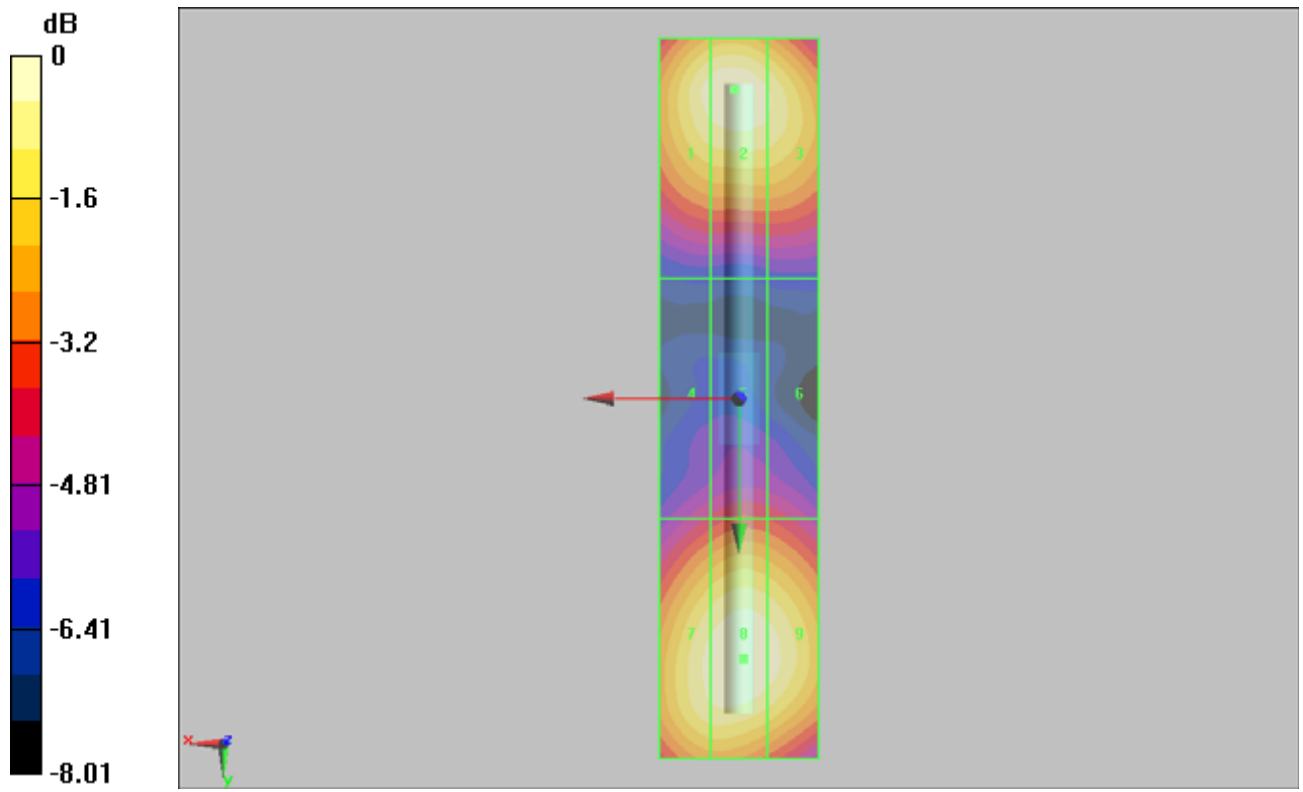
Grid 1 126.3 M2	Grid 2 130.0 M2	Grid 3 123.7 M2
Grid 4 81.1 M3	Grid 5 86.3 M3	Grid 6 84.6 M3
Grid 7 125.6 M2	Grid 8 129.9 M2	Grid 9 126.8 M2

Cursor:

Total = 130.0 V/m

E Category: M2

Location: 0.5, -38.5, 4.7 mm



0 dB = 130.0V/m

HAC_H_Dipole_835_110805**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: 2011/1/25

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17

- 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 = 0.527 A/m; Power Drift = -0.015 dB

Maximum value of peak Total field = 0.475 A/m

Peak H-field in A/m

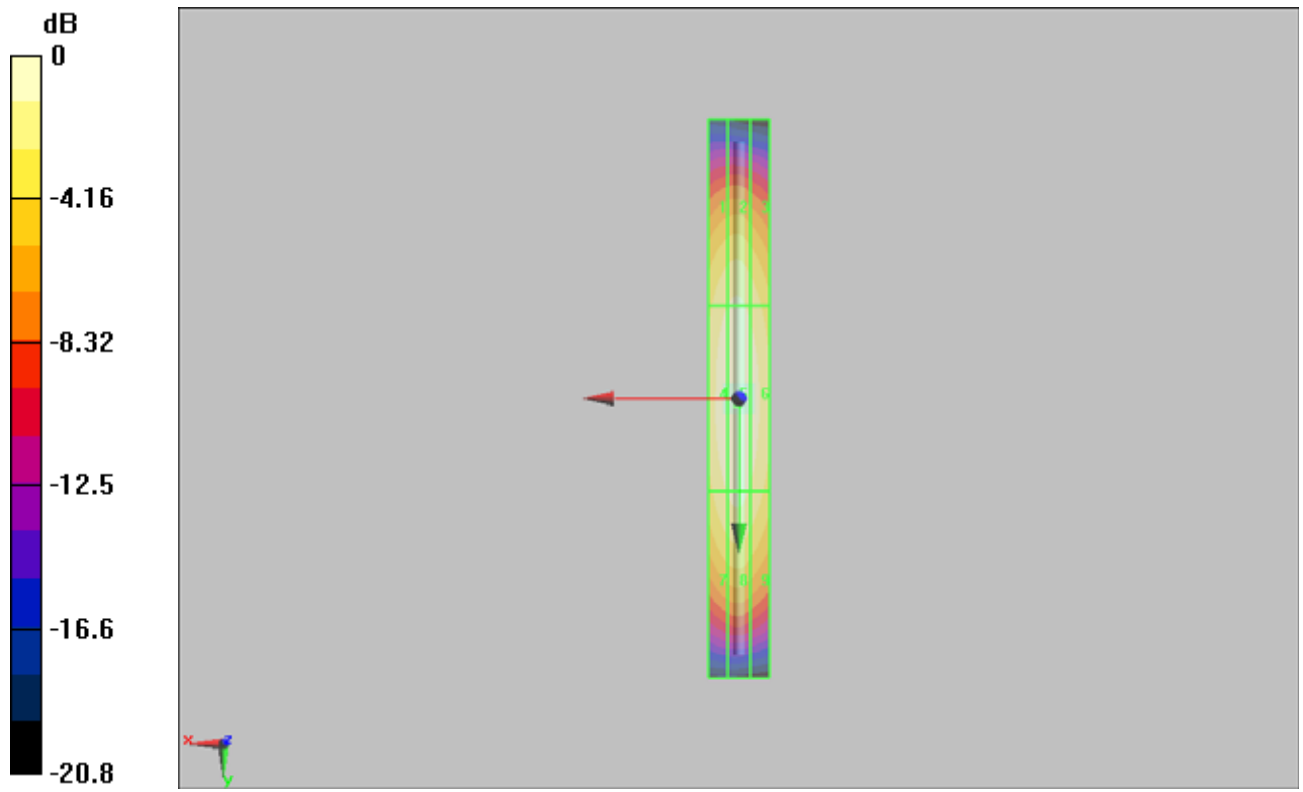
Grid 1 0.406 M4	Grid 2 0.418 M4	Grid 3 0.390 M4
Grid 4 0.460 M4	Grid 5 0.475 M4	Grid 6 0.446 M4
Grid 7 0.410 M4	Grid 8 0.427 M4	Grid 9 0.398 M4

Cursor:

Total = 0.475 A/m

H Category: M4

Location: 0.5, 1.5, 5.2 mm



0 dB = 0.475A/m

HAC_H_Dipole_1880_110805**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: 2011/1/25

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17

- 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 = 0.542 A/m; Power Drift = -0.056 dB

Maximum value of peak Total field = 0.493 A/m

Peak H-field in A/m

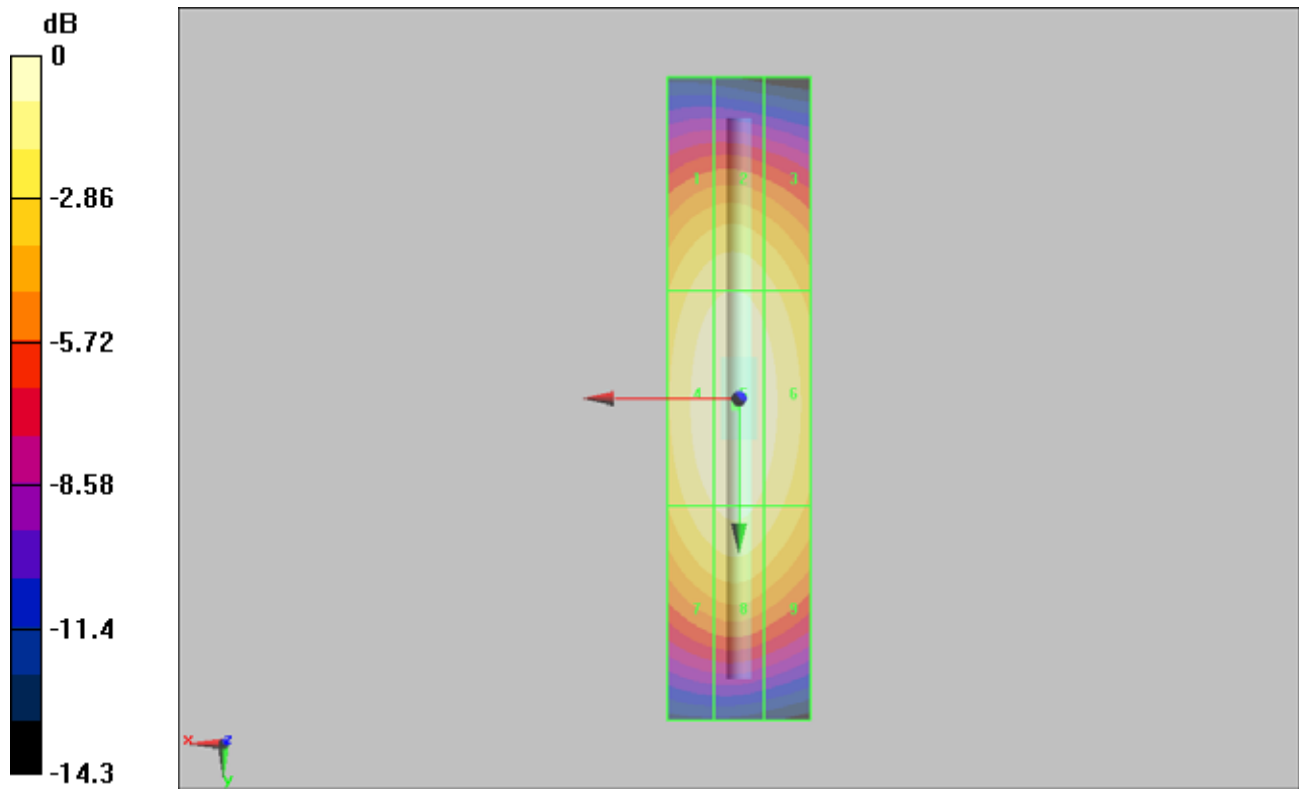
Grid 1 0.433 M2	Grid 2 0.443 M2	Grid 3 0.418 M2
Grid 4 0.480 M2	Grid 5 0.493 M2	Grid 6 0.465 M2
Grid 7 0.441 M2	Grid 8 0.456 M2	Grid 9 0.428 M2

Cursor:

Total = 0.493 A/m

H Category: M2

Location: 0.5, 1, 5.2 mm



0 dB = 0.493A/m