

HAC_E_Dipole_835_120330**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;

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2012/1/26
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

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 = 166.4 V/m

Probe Modulation Factor = 1

Reference Value = 121.6 V/m; Power Drift = 0.00787 dB

Average value of Total=(166.1+166.4) / 2 = 166.25 V/m

Peak E-field in V/m

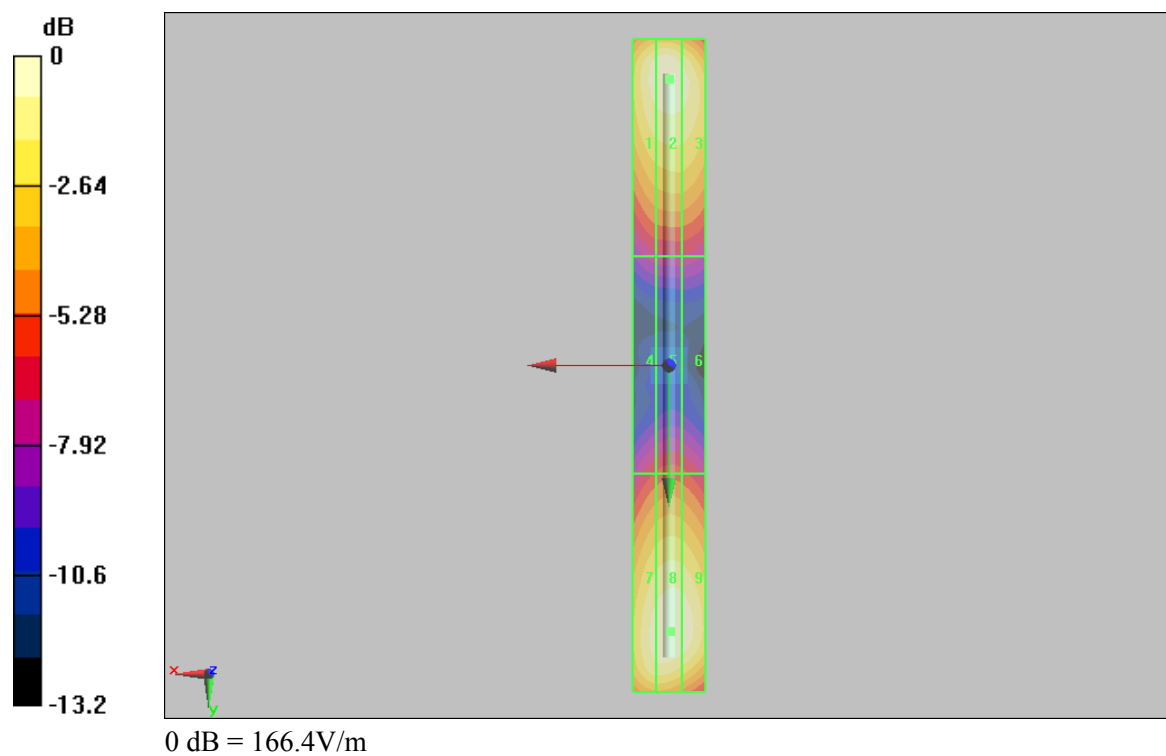
Grid 1 160.6 M4	Grid 2 166.1 M4	Grid 3 159.1 M4
Grid 4 84.1 M4	Grid 5 87.8 M4	Grid 6 85.5 M4
Grid 7 158.9 M4	Grid 8 166.4 M4	Grid 9 163.2 M4

Cursor:

Total = 166.4 V/m

E Category: M4

Location: -0.5, 73.5, 4.7 mm



HAC_H_Dipole_835_120330**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;

DASY5 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2012/1/26
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

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 = 0.521 A/m; Power Drift = -0.052 dB

Maximum value of peak Total field = 0.468 A/m

Peak H-field in A/m

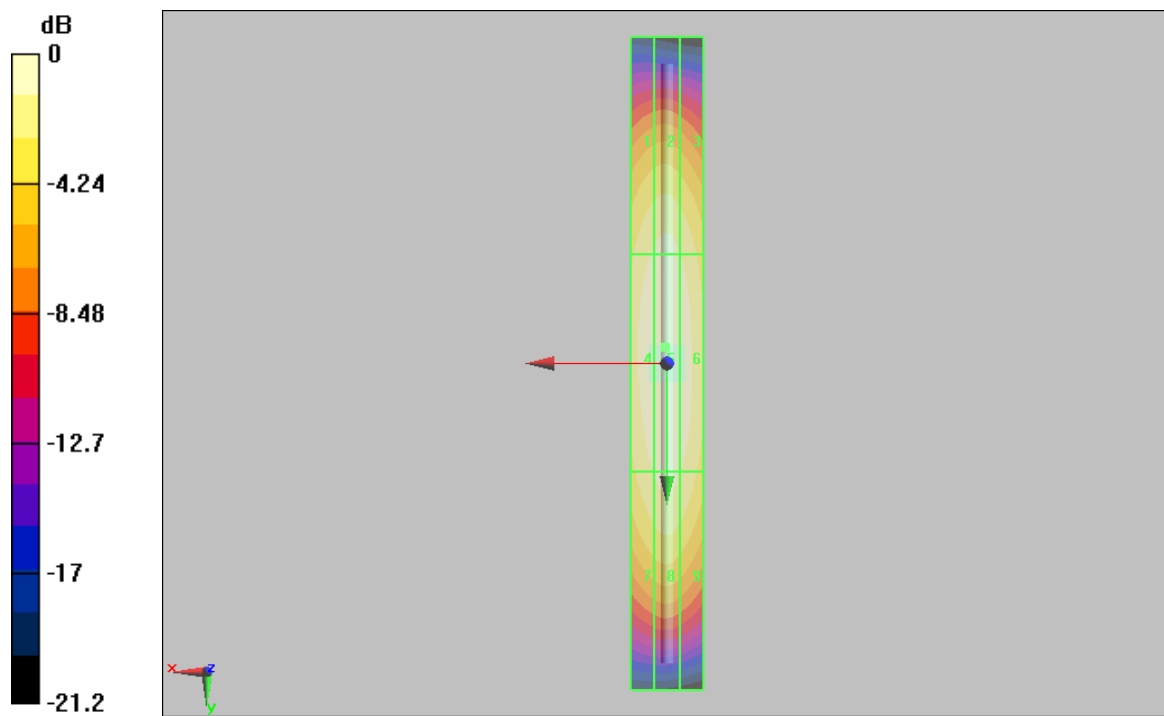
Grid 1	Grid 2	Grid 3
0.407 M4	0.425 M4	0.400 M4
Grid 4	Grid 5	Grid 6
0.450 M4	0.468 M4	0.444 M4
Grid 7	Grid 8	Grid 9
0.401 M4	0.422 M4	0.401 M4

Cursor:

Total = 0.468 A/m

H Category: M4

Location: 0.5, -4.5, 5.2 mm



0 dB = 0.468A/m

HAC_E_Dipole_1880_120330**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;

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2012/1/26
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

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 = 130.7 V/m

Probe Modulation Factor = 1

Reference Value = 132.7 V/m; Power Drift = 0.00473 dB

Average value of Total=(130.7+130.6) / 2 = 130.65 V/m

Peak E-field in V/m

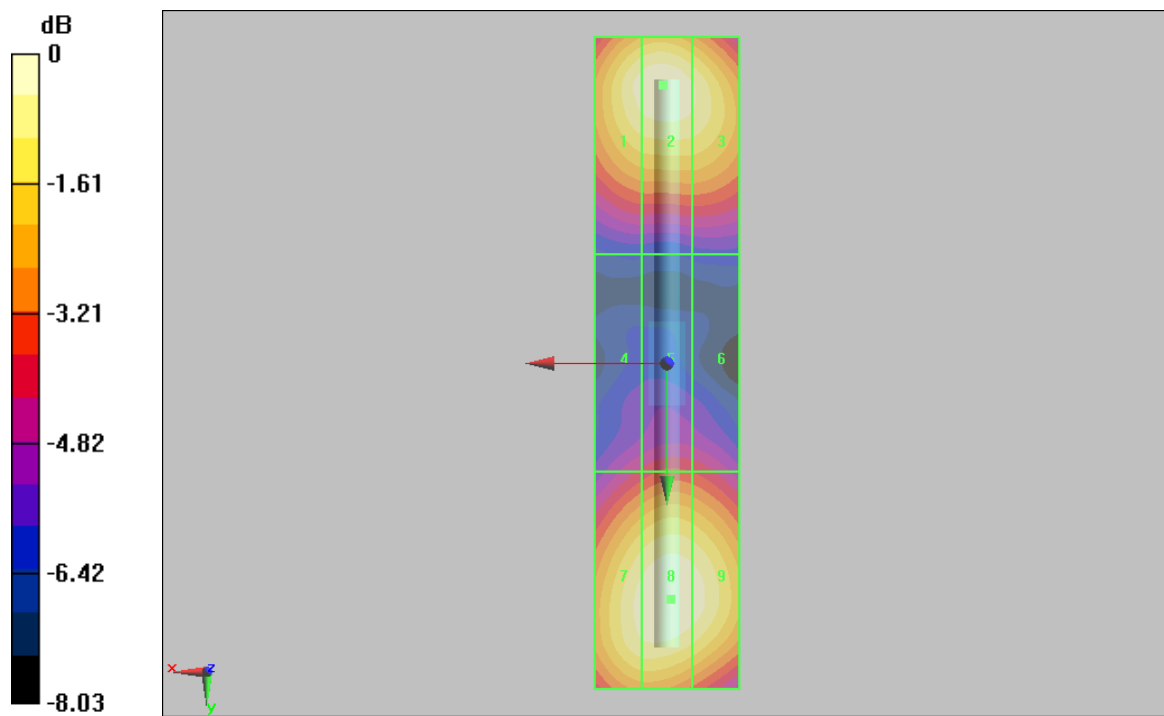
Grid 1 127.0 M2	Grid 2 130.7 M2	Grid 3 124.4 M2
Grid 4 81.6 M3	Grid 5 86.8 M3	Grid 6 85.1 M3
Grid 7 126.3 M2	Grid 8 130.6 M2	Grid 9 127.5 M2

Cursor:

Total = 130.7 V/m

E Category: M2

Location: 0.5, -38.5, 4.7 mm



0 dB = 130.7V/m

HAC_H_Dipole_1880_120330**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;

DASY5 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2012/1/26
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

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 = 0.00105 dB

Maximum value of peak Total field = 0.491 A/m

Peak H-field in A/m

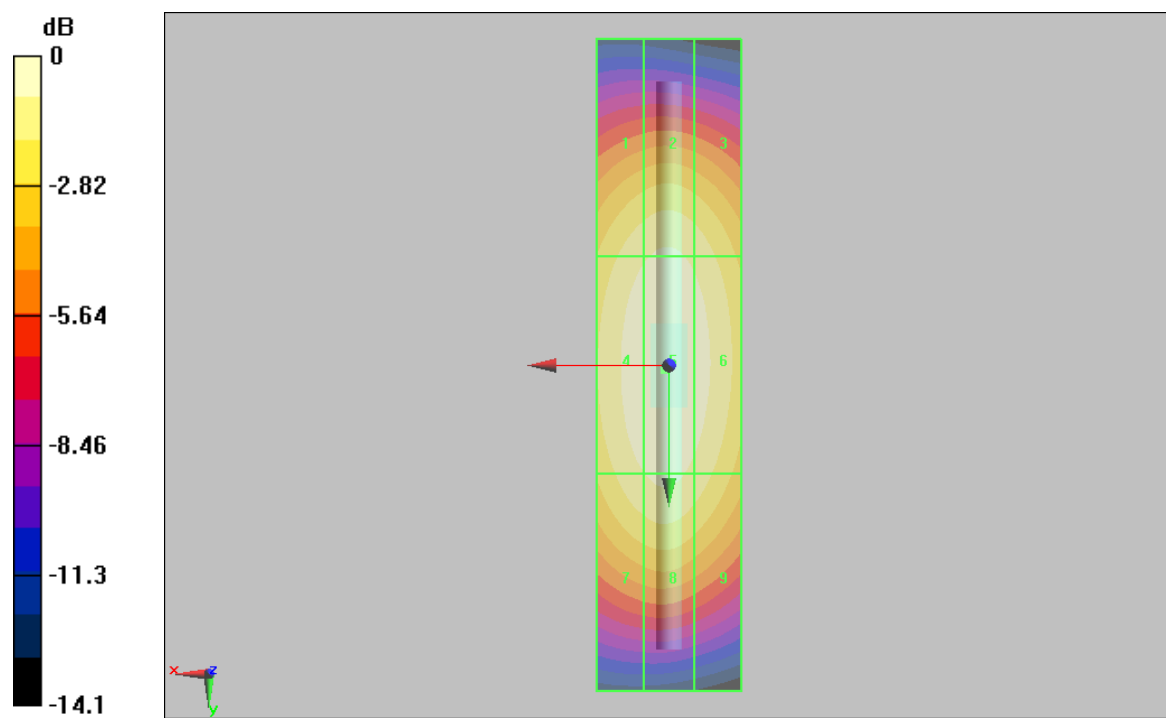
Grid 1	Grid 2	Grid 3
0.435 M2	0.451 M2	0.429 M2
Grid 4	Grid 5	Grid 6
0.475 M2	0.491 M2	0.468 M2
Grid 7	Grid 8	Grid 9
0.439 M2	0.453 M2	0.426 M2

Cursor:

Total = 0.491 A/m

H Category: M2

Location: 0.5, 0.5, 5.2 mm



0 dB = 0.491A/m