

**HAC\_E\_Dipole\_835\_121018****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/m<sup>3</sup>

Ambient Temperature : 22.5 °C

**DASY5 Configuration:**

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2012/1/26

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3

- 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 = 166.1 V/m

Probe Modulation Factor = 1

Reference Value = 121.4 V/m; Power Drift = 0.00776 dB

**Average value of Total=(165.8+166.1) / 2 = 165.95 V/m**

Peak E-field in V/m

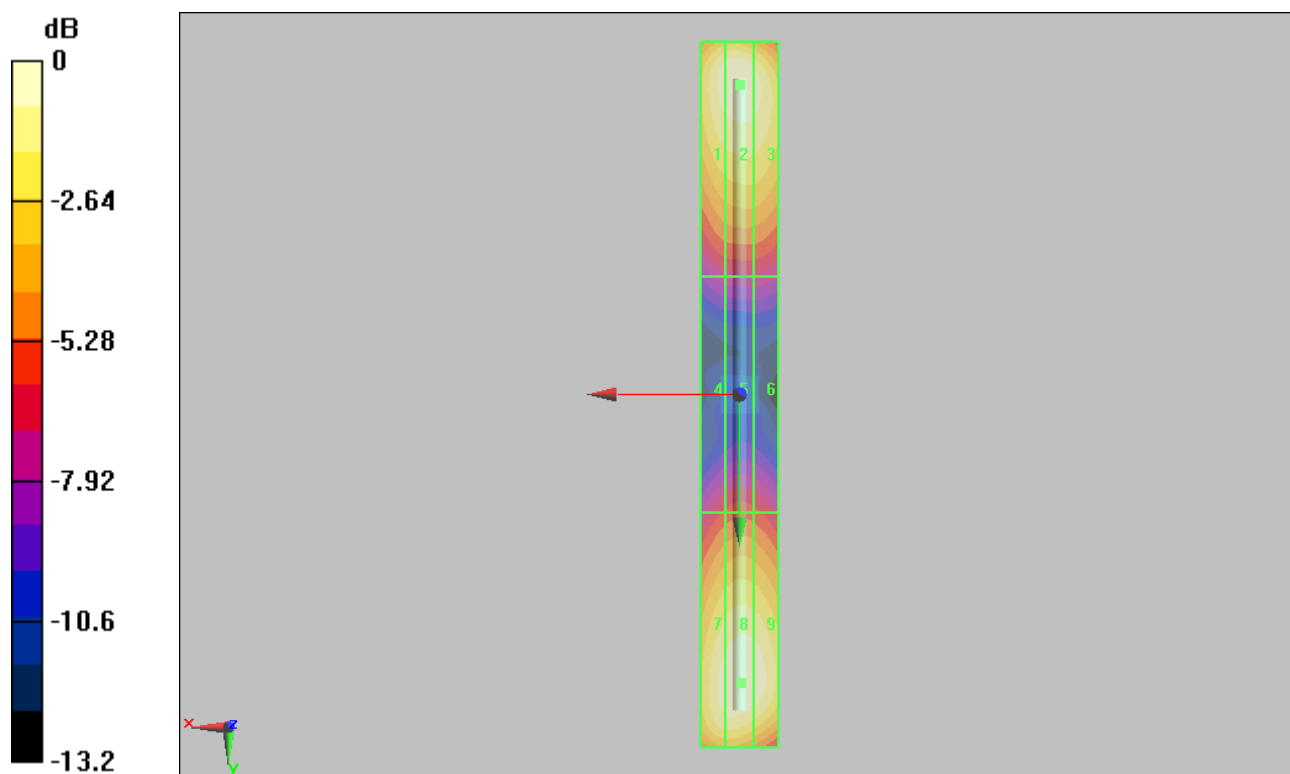
|                           |                           |                           |
|---------------------------|---------------------------|---------------------------|
| Grid 1<br><b>160.4 M4</b> | Grid 2<br><b>165.8 M4</b> | Grid 3<br><b>158.9 M4</b> |
| Grid 4<br><b>84 M4</b>    | Grid 5<br><b>87.6 M4</b>  | Grid 6<br><b>85.4 M4</b>  |
| Grid 7<br><b>158.7 M4</b> | Grid 8<br><b>166.1 M4</b> | Grid 9<br><b>163.0 M4</b> |

**Cursor:**

Total = 166.1 V/m

E Category: M4

Location: -0.5, 73.5, 4.7 mm



0 dB = 166.1V/m

**HAC\_E\_Dipole\_1880\_121018****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/m<sup>3</sup>

Ambient Temperature : 22.5 °C

**DASY5 Configuration:**

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2012/1/26
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- 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 = 130.5 V/m

Probe Modulation Factor = 1

Reference Value = 132.6 V/m; Power Drift = 0.00473 dB

**Average value of Total=(130.5+130.4) / 2 = 130.45 V/m**

Peak E-field in V/m

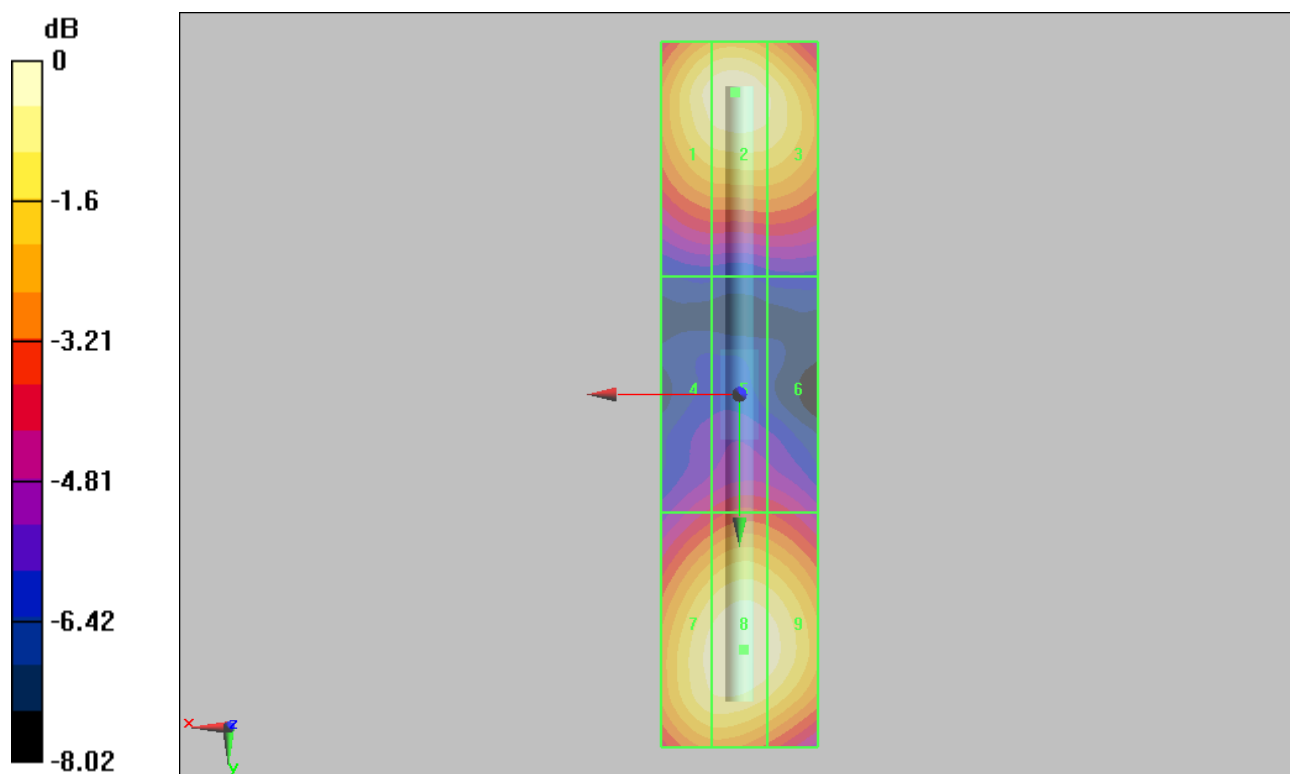
|                           |                           |                           |
|---------------------------|---------------------------|---------------------------|
| Grid 1<br><b>126.8 M2</b> | Grid 2<br><b>130.5 M2</b> | Grid 3<br><b>124.2 M2</b> |
| Grid 4<br><b>81.5 M3</b>  | Grid 5<br><b>86.7 M3</b>  | Grid 6<br><b>85 M3</b>    |
| Grid 7<br><b>126.1 M2</b> | Grid 8<br><b>130.4 M2</b> | Grid 9<br><b>127.3 M2</b> |

**Cursor:**

Total = 130.5 V/m

E Category: M2

Location: 0.5, -38.5, 4.7 mm



**HAC\_H\_Dipole\_835\_121018****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/m<sup>3</sup>

Ambient Temperature : 22.5 °C

**DASY5 Configuration:**

- Probe: H3DV6 - SN6184; ; Calibrated: 2012/1/26
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- 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 = 0.522 A/m; Power Drift = -0.052 dB

Maximum value of peak Total field = 0.469 A/m

Peak H-field in A/m

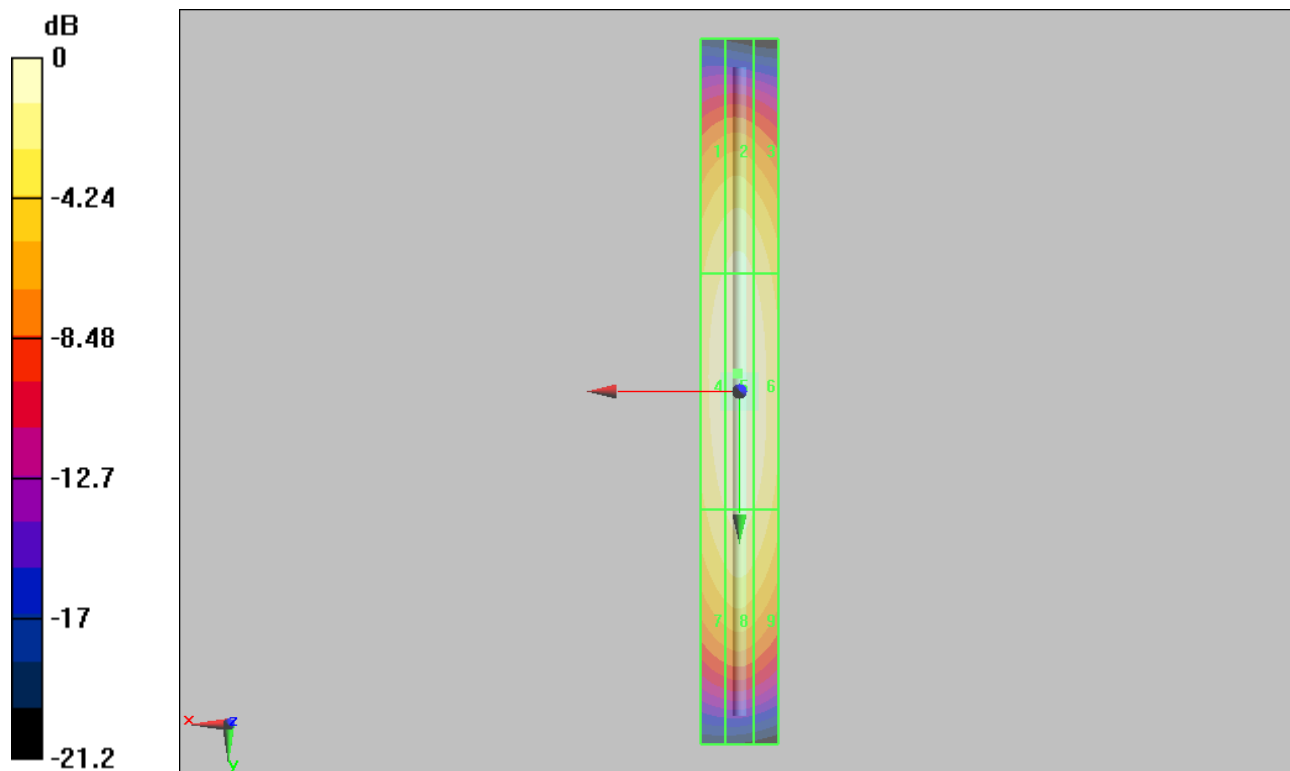
|                           |                           |                           |
|---------------------------|---------------------------|---------------------------|
| Grid 1<br><b>0.408 M4</b> | Grid 2<br><b>0.425 M4</b> | Grid 3<br><b>0.400 M4</b> |
| Grid 4<br><b>0.451 M4</b> | Grid 5<br><b>0.469 M4</b> | Grid 6<br><b>0.444 M4</b> |
| Grid 7<br><b>0.401 M4</b> | Grid 8<br><b>0.422 M4</b> | Grid 9<br><b>0.402 M4</b> |

**Cursor:**

Total = 0.469 A/m

H Category: M4

Location: 0.5, -4.5, 5.2 mm



0 dB = 0.469A/m

**HAC\_H\_Dipole\_1880\_121018****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/m<sup>3</sup>

Ambient Temperature : 22.5 °C

**DASY5 Configuration:**

- Probe: H3DV6 - SN6184; ; Calibrated: 2012/1/26
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- 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 = 0.543 A/m; Power Drift = 0.00106 dB

Maximum value of peak Total field = 0.492 A/m

Peak H-field in A/m

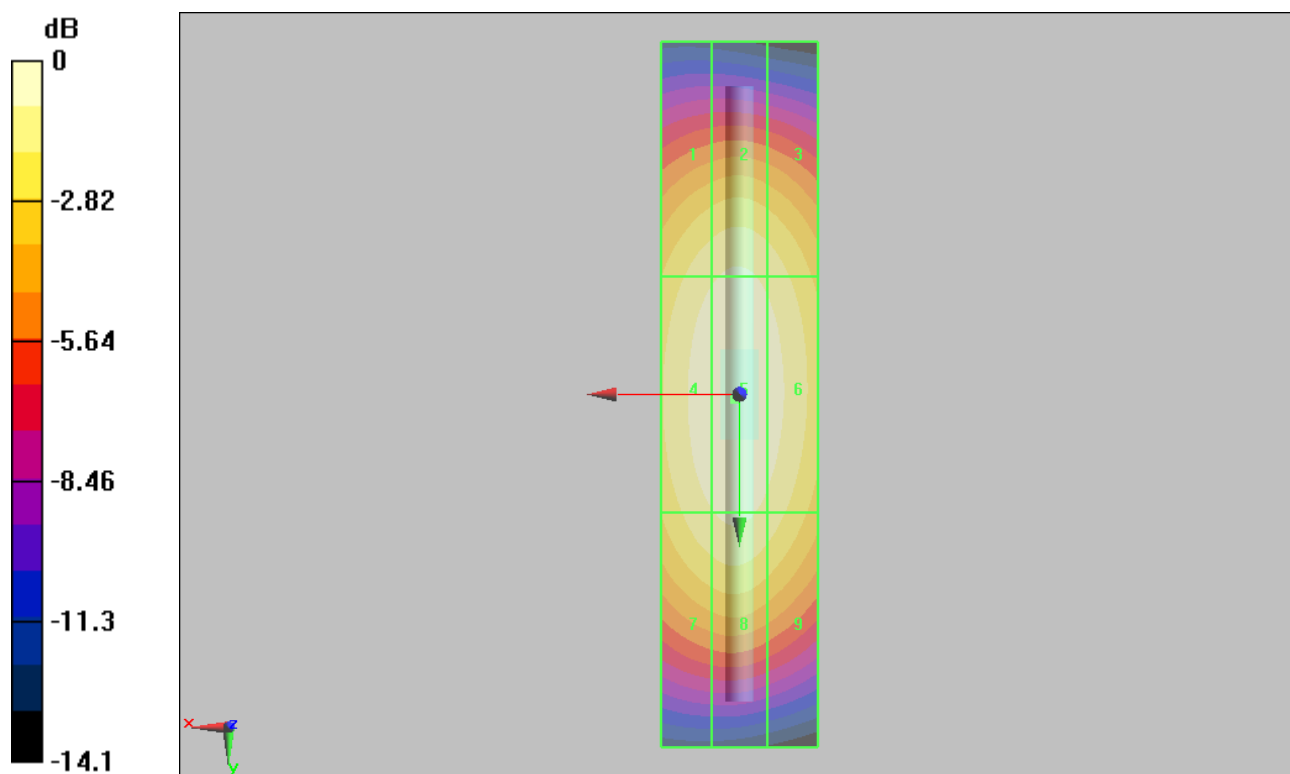
|                 |                 |                 |
|-----------------|-----------------|-----------------|
| Grid 1          | Grid 2          | Grid 3          |
| <b>0.435 M2</b> | <b>0.451 M2</b> | <b>0.430 M2</b> |
| Grid 4          | Grid 5          | Grid 6          |
| <b>0.475 M2</b> | <b>0.492 M2</b> | <b>0.469 M2</b> |
| Grid 7          | Grid 8          | Grid 9          |
| <b>0.439 M2</b> | <b>0.454 M2</b> | <b>0.427 M2</b> |

**Cursor:**

Total = 0.492 A/m

H Category: M2

Location: 0.5, 0.5, 5.2 mm



0 dB = 0.492A/m