

HAC_E_Dipole_835_110311**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 °C

DASY4 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2011/1/14
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

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 = 175.4 V/m

Probe Modulation Factor = 1.00

Reference Value = 128.5 V/m; Power Drift = 0.000 dB

Average value of Total=(175.4+175.2) / 2 =175.3 V/m

Peak E-field in V/m

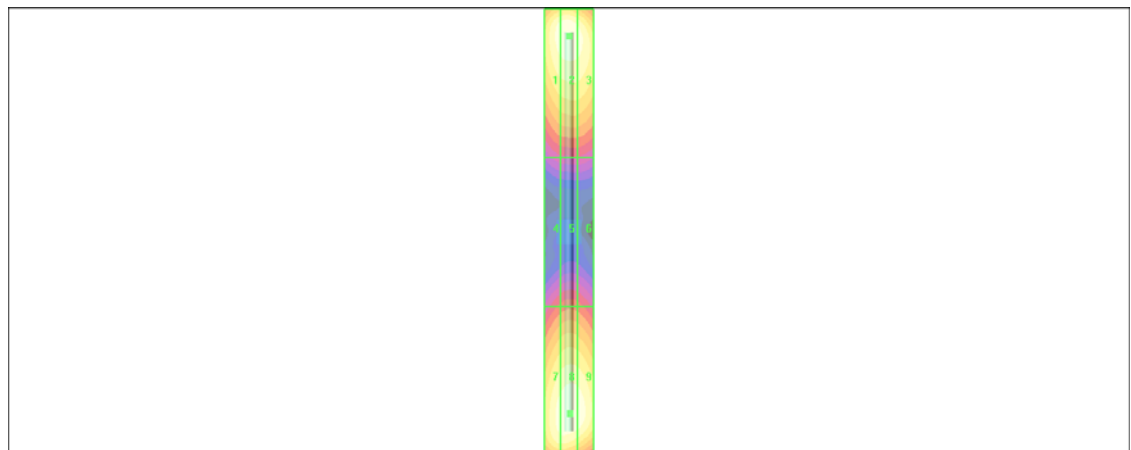
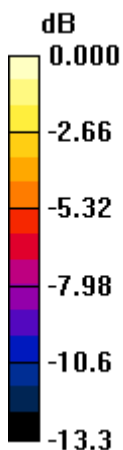
| | | |
|---------------------------|---------------------------|---------------------------|
| Grid 1 170.0 M4 | Grid 2 175.4 M4 | Grid 3 167.9 M4 |
| Grid 4 88.8 M4 | Grid 5 92.6 M4 | Grid 6 90.3 M4 |
| Grid 7 167.5 M4 | Grid 8 175.2 M4 | Grid 9 171.8 M4 |

Cursor:

Total = 175.4 V/m

E Category: M4

Location: 0, -79, 4.7 mm



0 dB = 175.4V/m

HAC_E_Dipole_1880_110311**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 °C

DASY4 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2011/1/14
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

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 = 148.7 V/m

Probe Modulation Factor = 1.00

Reference Value = 147.0 V/m; Power Drift = -0.009 dB

Average value of Total=(148.7+145) / 2 =146.85 V/m

Peak E-field in V/m

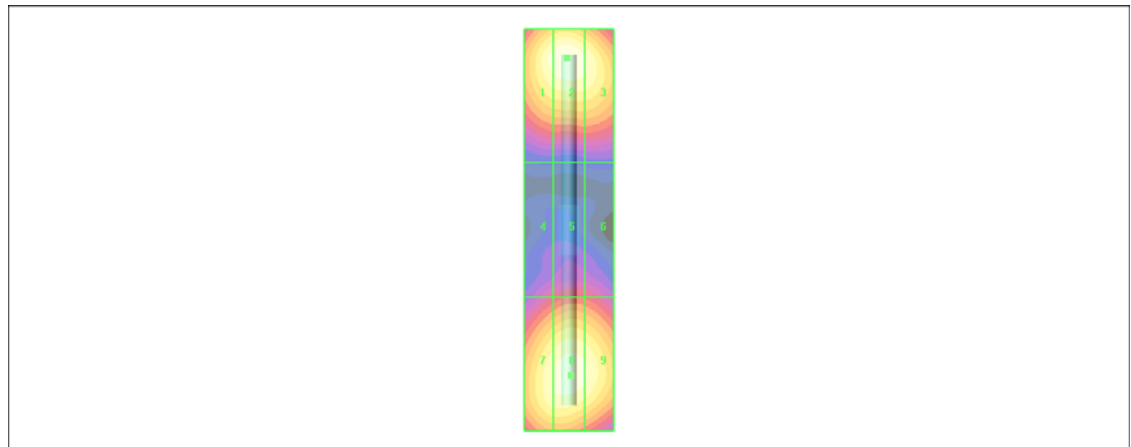
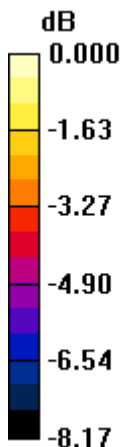
| | | |
|---------------------------|---------------------------|---------------------------|
| Grid 1 143.9 M2 | Grid 2 148.7 M2 | Grid 3 141.7 M2 |
| Grid 4 91.2 M3 | Grid 5 97.0 M3 | Grid 6 95.1 M3 |
| Grid 7 140.4 M2 | Grid 8 145.0 M2 | Grid 9 141.6 M2 |

Cursor:

Total = 148.7 V/m

E Category: M2

Location: 0.5, -38.5, 4.7 mm



0 dB = 148.7V/m

HAC_H_Dipole_835_110311**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 °C

DASY4 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2011/1/25

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn778; Calibrated: 2010/10/22

- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;

- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

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 = 1.00

Reference Value = 0.494 A/m; Power Drift = -0.006 dB

Maximum value of peak Total field = 0.446 A/m

Peak H-field in A/m

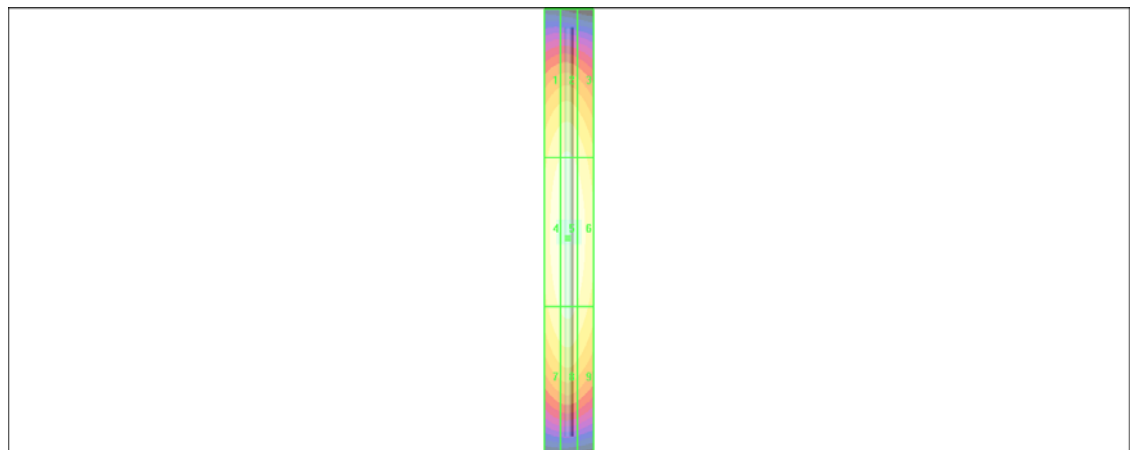
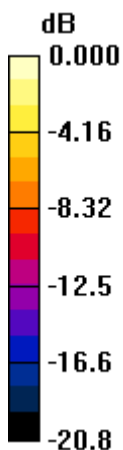
| | | |
|---------------------------|---------------------------|---------------------------|
| Grid 1 0.380 M4 | Grid 2 0.391 M4 | Grid 3 0.365 M4 |
| Grid 4 0.432 M4 | Grid 5 0.446 M4 | Grid 6 0.418 M4 |
| Grid 7 0.387 M4 | Grid 8 0.401 M4 | Grid 9 0.374 M4 |

Cursor:

Total = 0.446 A/m

H Category: M4

Location: 0.5, 2.5, 5.2 mm



0 dB = 0.446A/m

HAC_H_Dipole_1880_110311**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 °C

DASY4 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2011/1/25

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn778; Calibrated: 2010/10/22

- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;

- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

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 = 1.00

Reference Value = 0.510 A/m; Power Drift = 0.010 dB

Maximum value of peak Total field = 0.463 A/m

Peak H-field in A/m

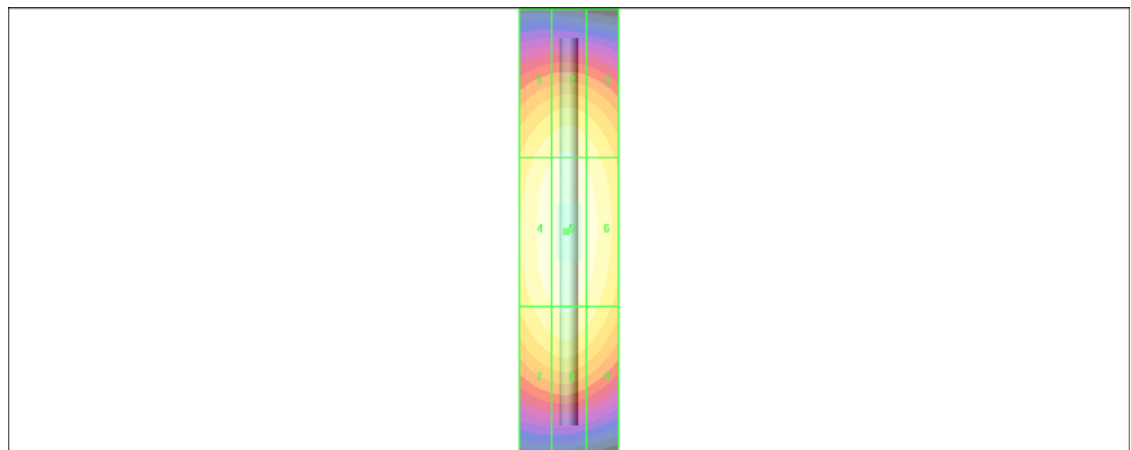
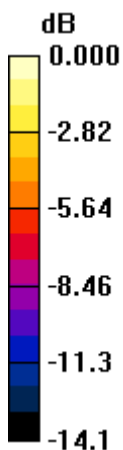
| | | |
|---------------------------|---------------------------|---------------------------|
| Grid 1 0.410 M2 | Grid 2 0.425 M2 | Grid 3 0.405 M2 |
| Grid 4 0.448 M2 | Grid 5 0.463 M2 | Grid 6 0.441 M2 |
| Grid 7 0.413 M2 | Grid 8 0.426 M2 | Grid 9 0.401 M2 |

Cursor:

Total = 0.463 A/m

H Category: M2

Location: 0.5, 0, 5.2 mm



0 dB = 0.463 A/m