

HAC_E_Dipole_835_110810**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

DASY4 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2011/1/14
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- 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 CD835 Dipole = 10mm/Hearing Aid Compatibility Test (41x361x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 167.9 V/m

Probe Modulation Factor = 1.00

Reference Value = 122.8 V/m; Power Drift = -0.019 dB

Average value of Total=(167.8+ 167.9) / 2 = 167.85 V/m

Peak E-field in V/m

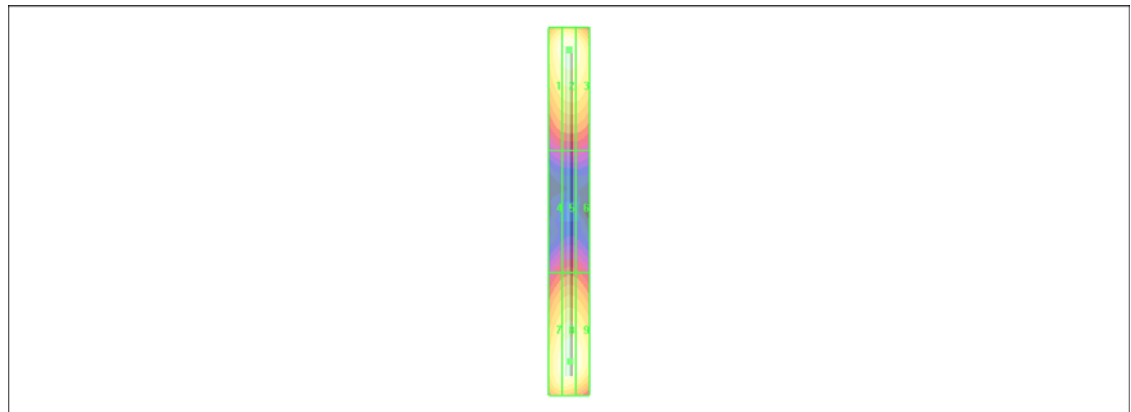
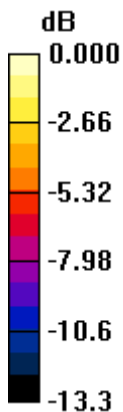
Grid 1 162.1 M4	Grid 2 167.8 M4	Grid 3 160.5 M4
Grid 4 84.8 M4	Grid 5 88.5 M4	Grid 6 86.2 M4
Grid 7 160.0 M4	Grid 8 167.9 M4	Grid 9 164.7 M4

Cursor:

Total = 167.9 V/m

E Category: M4

Location: -0.5, 73.5, 4.7 mm



0 dB = 167.9V/m

HAC_E_Dipole_1880_110810**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: DAE3 Sn495; Calibrated: 2011/4/28
- 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 = 130.2 V/m

Probe Modulation Factor = 1.00

Reference Value = 132.2 V/m; Power Drift = 0.005 dB

Average value of Total=(130.2+ 130.1) / 2 = 130.15 V/m

Peak E-field in V/m

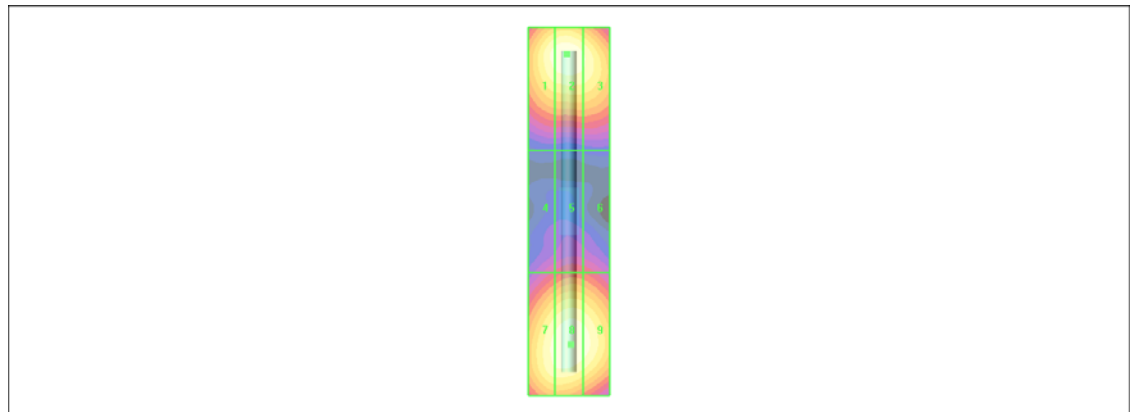
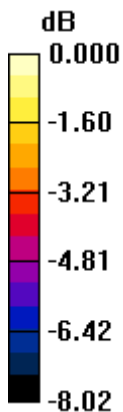
Grid 1 126.4 M2	Grid 2 130.2 M2	Grid 3 123.9 M2
Grid 4 81.2 M3	Grid 5 86.4 M3	Grid 6 84.7 M3
Grid 7 125.7 M2	Grid 8 130.1 M2	Grid 9 127.0 M2

Cursor:

Total = 130.2 V/m

E Category: M2

Location: 0.5, -38.5, 4.7 mm



0 dB = 130.2V/m

HAC_H_Dipole_835_110810**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

DASY4 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2011/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- 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 = 0.511 A/m; Power Drift = -0.008 dB

Maximum value of peak Total field = 0.462 A/m

Peak H-field in A/m

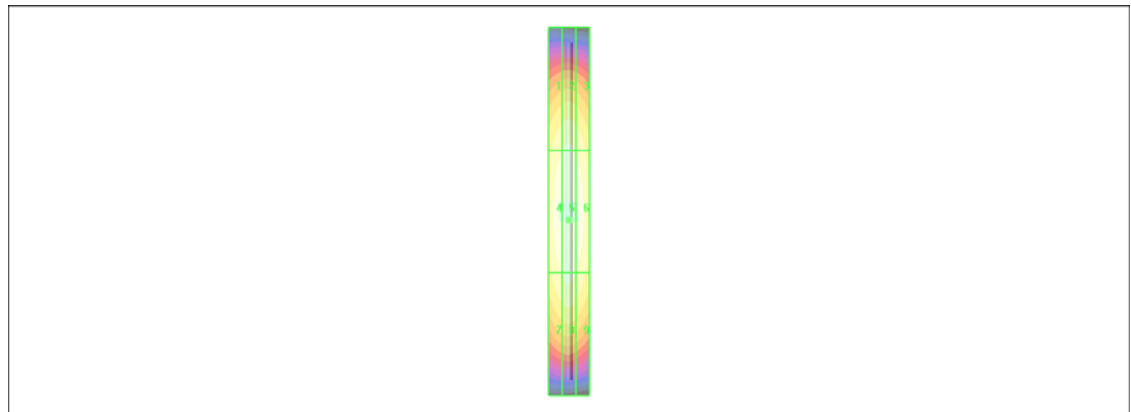
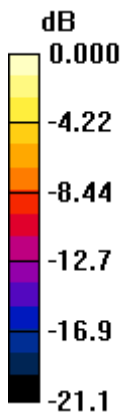
Grid 1	Grid 2	Grid 3
0.391 M4	0.407 M4	0.388 M4
Grid 4	Grid 5	Grid 6
0.442 M4	0.462 M4	0.440 M4
Grid 7	Grid 8	Grid 9
0.396 M4	0.414 M4	0.393 M4

Cursor:

Total = 0.462 A/m

H Category: M4

Location: 0, 4, 5.2 mm



0 dB = 0.462 A/m

HAC_H_Dipole_1880_110810**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

DASY4 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2011/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- 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 = 0.495 A/m; Power Drift = 0.011 dB

Maximum value of peak Total field = 0.449 A/m

Peak H-field in A/m

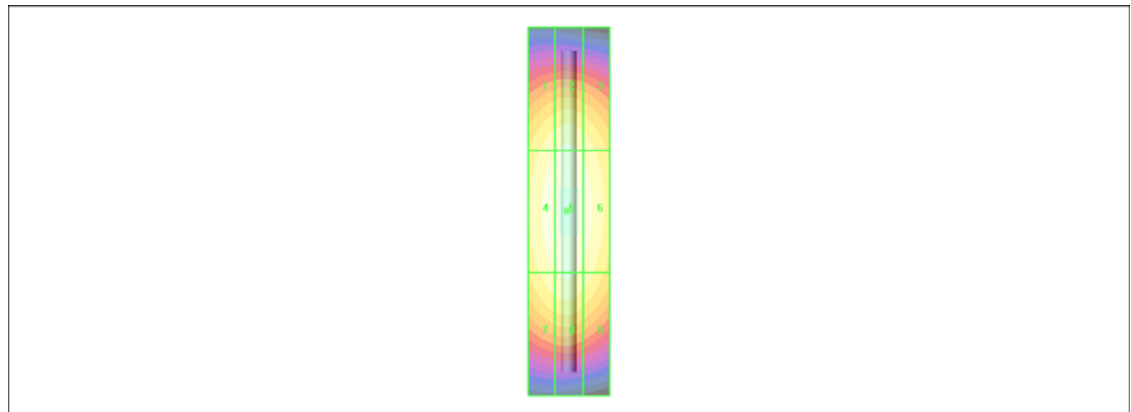
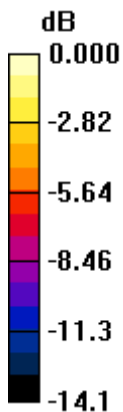
Grid 1 0.398 M2	Grid 2 0.413 M2	Grid 3 0.392 M2
Grid 4 0.434 M2	Grid 5 0.449 M2	Grid 6 0.428 M2
Grid 7 0.400 M2	Grid 8 0.414 M2	Grid 9 0.390 M2

Cursor:

Total = 0.449 A/m

H Category: M2

Location: 0.5, 0, 5.2 mm



0 dB = 0.449 A/m