

HAC_E_Dipole_835_110909

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: 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 = 165.8 V/m

Probe Modulation Factor = 1.00

Reference Value = 121.1 V/m; Power Drift = 0.008 dB

Average value of Total=(165.5 + 165.8) / 2 = 165.65 V/m

Peak E-field in V/m

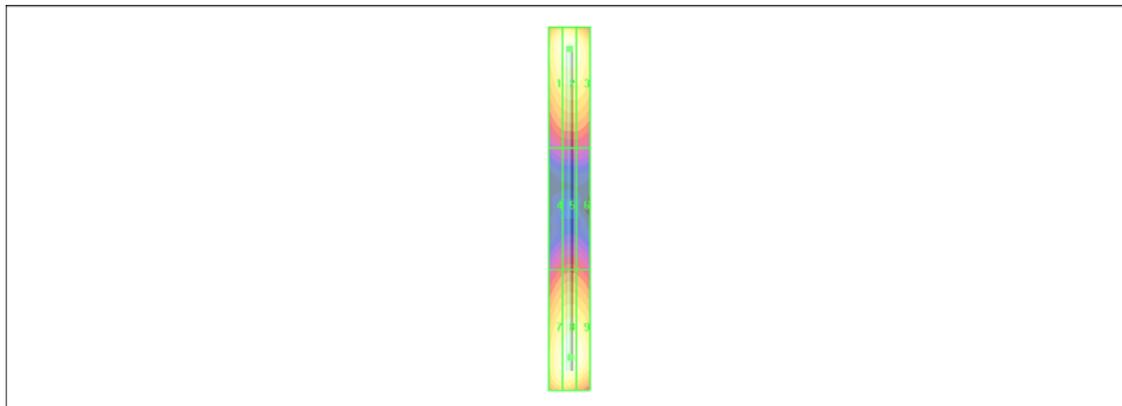
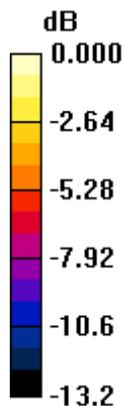
Grid 1 160.0 M4	Grid 2 165.5 M4	Grid 3 158.5 M4
Grid 4 83.7 M4	Grid 5 87.3 M4	Grid 6 85.1 M4
Grid 7 158.3 M4	Grid 8 165.8 M4	Grid 9 162.6 M4

Cursor:

Total = 165.8 V/m

E Category: M4

Location: -0.5, 73.5, 4.7 mm



0 dB = 165.8V/m

HAC_E_Dipole_1880_110909

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 = 136.3 V/m

Probe Modulation Factor = 1.00

Reference Value = 138.5 V/m; Power Drift = 0.010 dB

Average value of Total=(136.3 + 136.3) / 2 = 136.3 V/m

Peak E-field in V/m

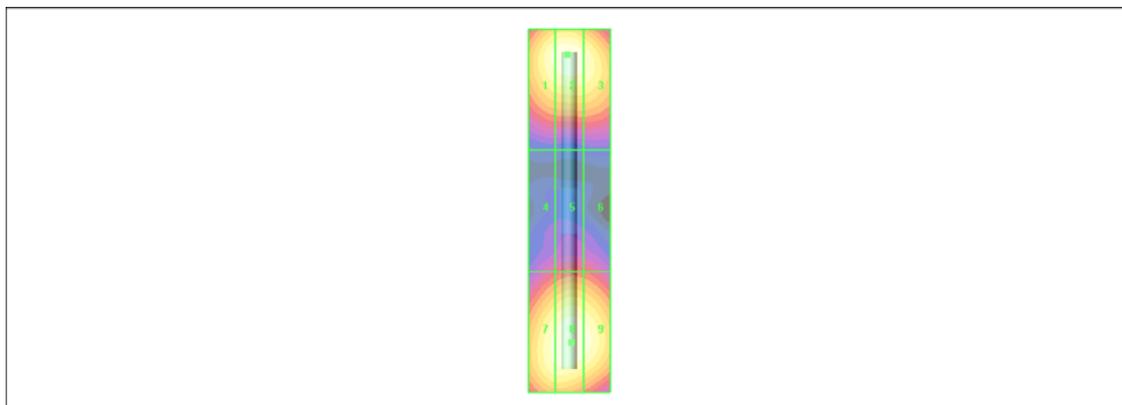
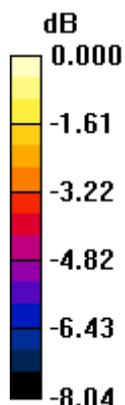
Grid 1 132.3 M2	Grid 2 136.3 M2	Grid 3 129.8 M2
Grid 4 85.1 M3	Grid 5 90.5 M3	Grid 6 88.8 M3
Grid 7 131.7 M2	Grid 8 136.3 M2	Grid 9 133.2 M2

Cursor:

Total = 136.3 V/m

E Category: M2

Location: -0.5, 32.5, 4.7 mm



0 dB = 136.3V/m

HAC_H_Dipole_835_110909

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: 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 = 0.505 A/m; Power Drift = -0.012 dB

Maximum value of peak Total field = 0.456 A/m

Peak H-field in A/m

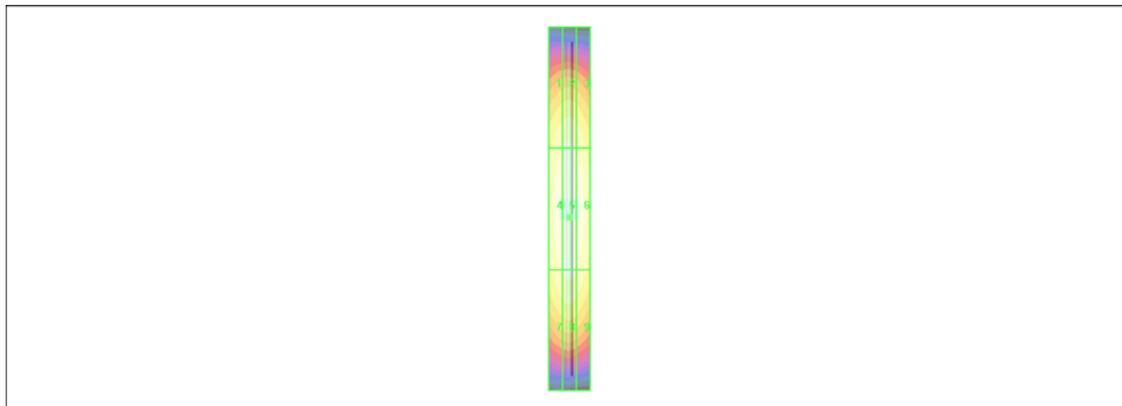
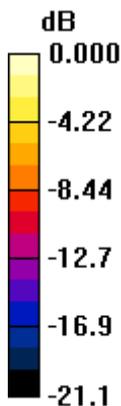
Grid 1	Grid 2	Grid 3
0.387 M4	0.402 M4	0.384 M4
Grid 4	Grid 5	Grid 6
0.437 M4	0.456 M4	0.435 M4
Grid 7	Grid 8	Grid 9
0.392 M4	0.409 M4	0.388 M4

Cursor:

Total = 0.456 A/m

H Category: M4

Location: 0, 4, 5.2 mm



0 dB = 0.456A/m

HAC_H_Dipole_1880_110909

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: 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 = 0.535 A/m; Power Drift = -0.012 dB

Maximum value of peak Total field = 0.488 A/m

Peak H-field in A/m

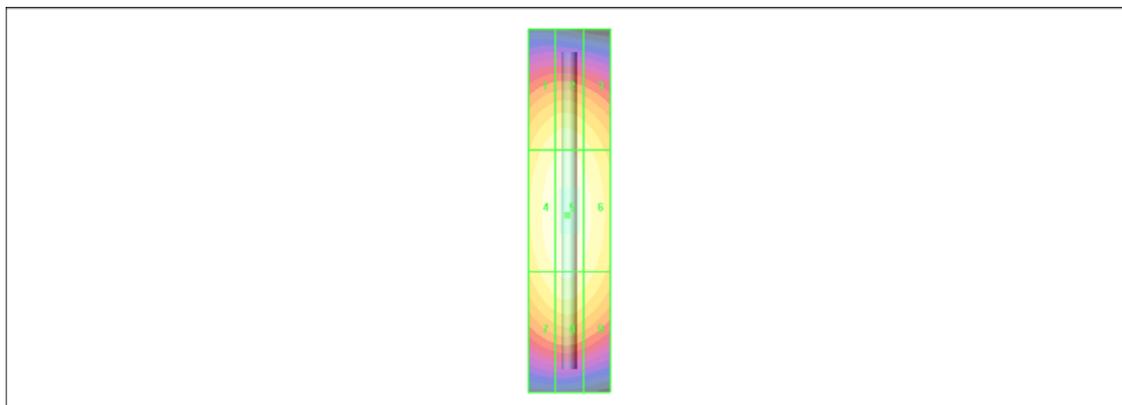
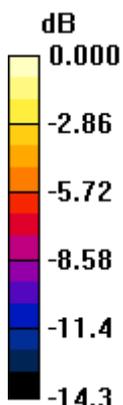
Grid 1 0.428 M2	Grid 2 0.438 M2	Grid 3 0.413 M2
Grid 4 0.475 M2	Grid 5 0.488 M2	Grid 6 0.459 M2
Grid 7 0.436 M2	Grid 8 0.451 M2	Grid 9 0.422 M2

Cursor:

Total = 0.488 A/m

H Category: M2

Location: 0.5, 1, 5.2 mm



0 dB = 0.488A/m