

HAC_E_Dipole_835_110223**DUT: Dipole 835 MHz**

Communication System: GSM850; 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: 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 = 174.0 V/m

Probe Modulation Factor = 1.00

Reference Value = 130.2 V/m; Power Drift = -0.043 dB

Average Value of Total = (171.7 + 174.0) / 2 = 172.85 V/m

Peak E-field in V/m

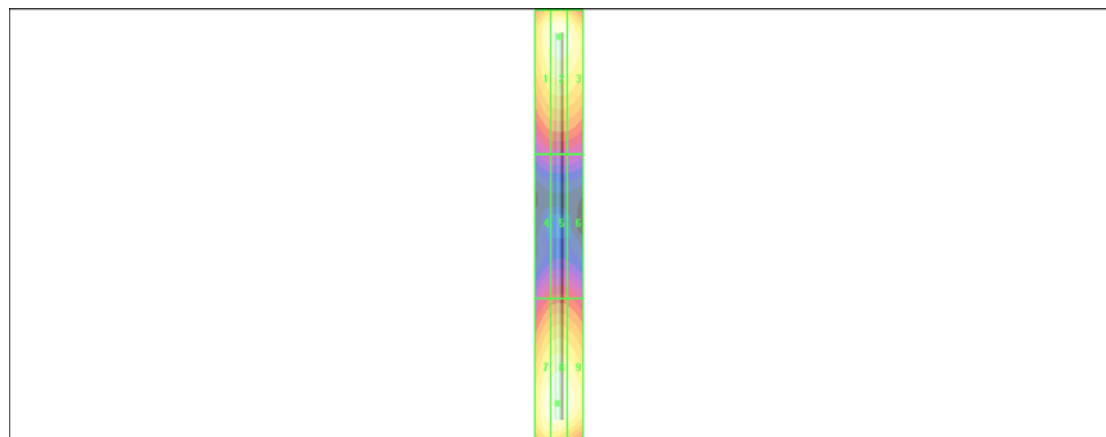
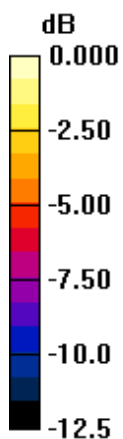
Grid 1 164.8 M4	Grid 2 171.7 M4	Grid 3 166.1 M4
Grid 4 90.5 M4	Grid 5 93.9 M4	Grid 6 91.4 M4
Grid 7 170.7 M4	Grid 8 174.0 M4	Grid 9 168.3 M4

Cursor:

Total = 174.0 V/m

E Category: M4

Location: 0.5, 73.5, 4.7 mm



0 dB = 174.0V/m

HAC_E_Dipole_1880_110223**DUT: HAC Dipole 1880 MHz**

Communication System: GSM850; 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 = 145.3 V/m

Probe Modulation Factor = 1.00

Reference Value = 147.4 V/m; Power Drift = -0.015 dB

Average Value of Total = (143.9 + 145.3) / 2 = 144.6 V/m

Peak E-field in V/m

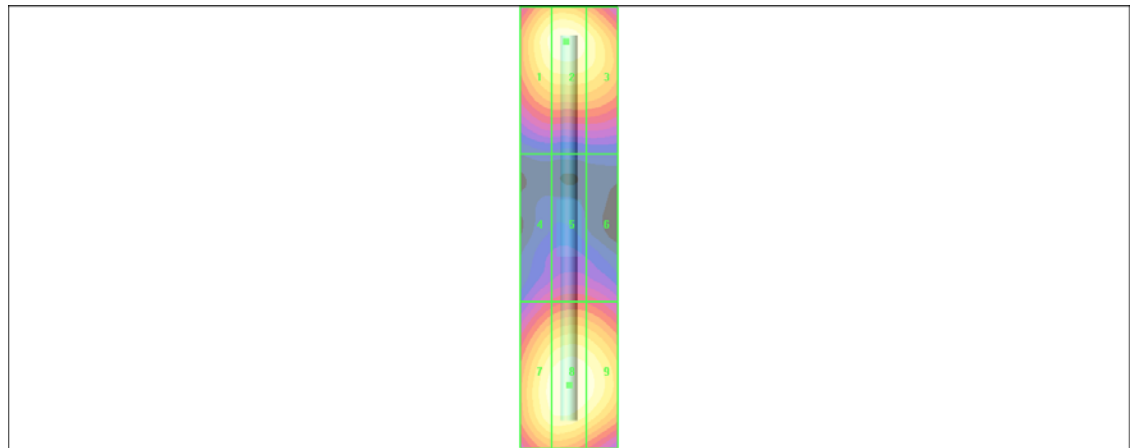
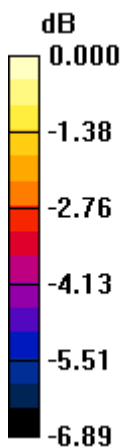
Grid 1 140.8 M2	Grid 2 143.9 M2	Grid 3 137.1 M2
Grid 4 96.6 M3	Grid 5 100.7 M3	Grid 6 99.3 M3
Grid 7 141.6 M2	Grid 8 145.3 M2	Grid 9 141.9 M2

Cursor:

Total = 145.3 V/m

E Category: M2

Location: 0, 32, 4.7 mm



0 dB = 145.3V/m

HAC_H_Dipole_835_110224**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 = 0.511 A/m; Power Drift = -0.008 dB

Maximum Value of Total = 0.462 A/m

Peak H-field in A/m

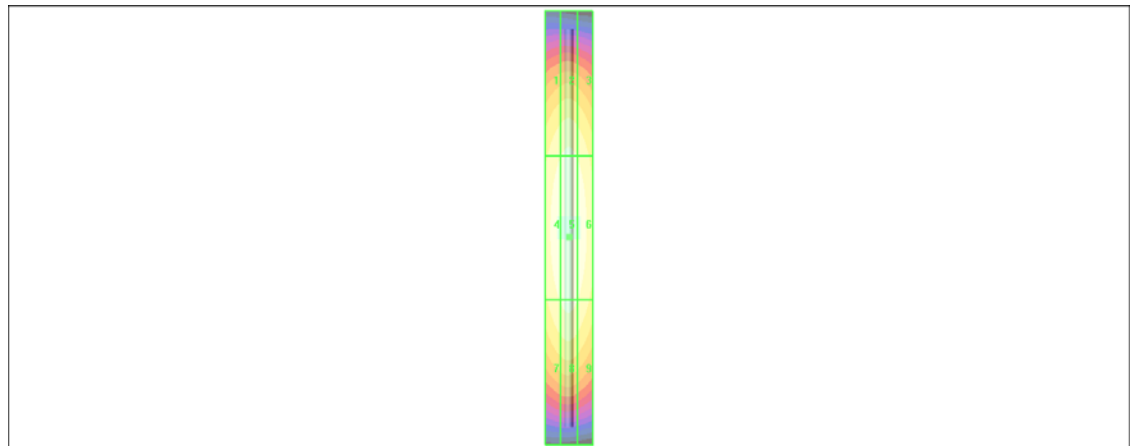
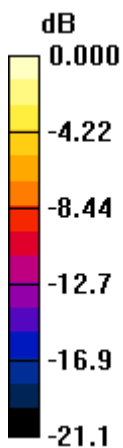
Grid 1 0.391 M4	Grid 2 0.407 M4	Grid 3 0.389 M4
Grid 4 0.442 M4	Grid 5 0.462 M4	Grid 6 0.441 M4
Grid 7 0.396 M4	Grid 8 0.414 M4	Grid 9 0.393 M4

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_110224**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 = 0.530 A/m; Power Drift = 0.006 dB

Maximum Value of Total = 0.480 A/m

Peak H-field in A/m

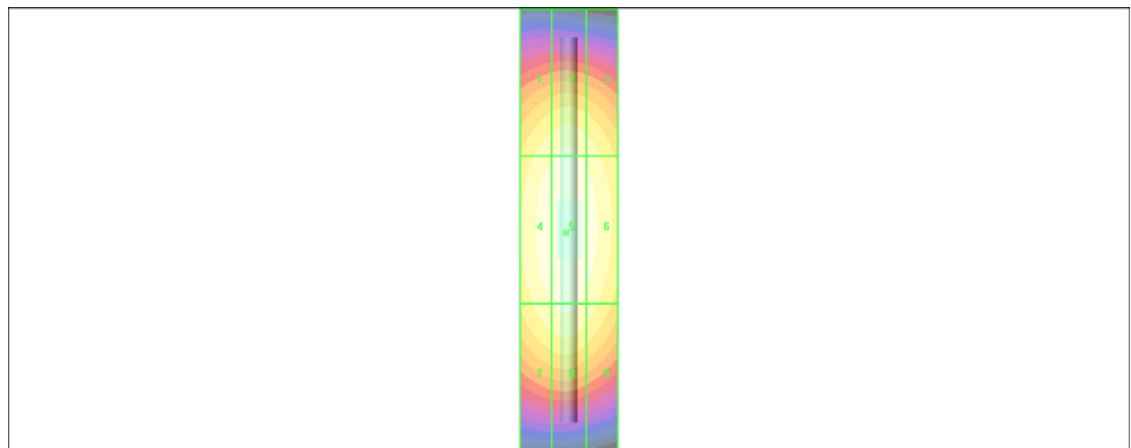
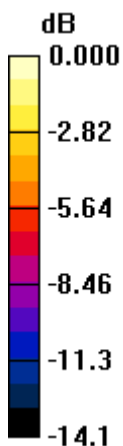
Grid 1 0.426 M2	Grid 2 0.441 M2	Grid 3 0.420 M2
Grid 4 0.465 M2	Grid 5 0.480 M2	Grid 6 0.458 M2
Grid 7 0.429 M2	Grid 8 0.443 M2	Grid 9 0.417 M2

Cursor:

Total = 0.480 A/m

H Category: M2

Location: 0.5, 0.5, 5.2 mm



0 dB = 0.480A/m