

HAC_E_Dipole_835_100927

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 : 22.6 °C

DASY4 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2010/1/22

- Sensor-Surface: (Fix Surface)

- Electronics: DAE3 Sn577; Calibrated: 2010/8/18

- 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 = 179.5 V/m

Probe Modulation Factor = 1.00

Reference Value = 130.1 V/m; Power Drift = -0.015 dB

Average Value of Total = $(179.5 + 176.0) / 2 = 177.75$ V/m

Peak E-field in V/m

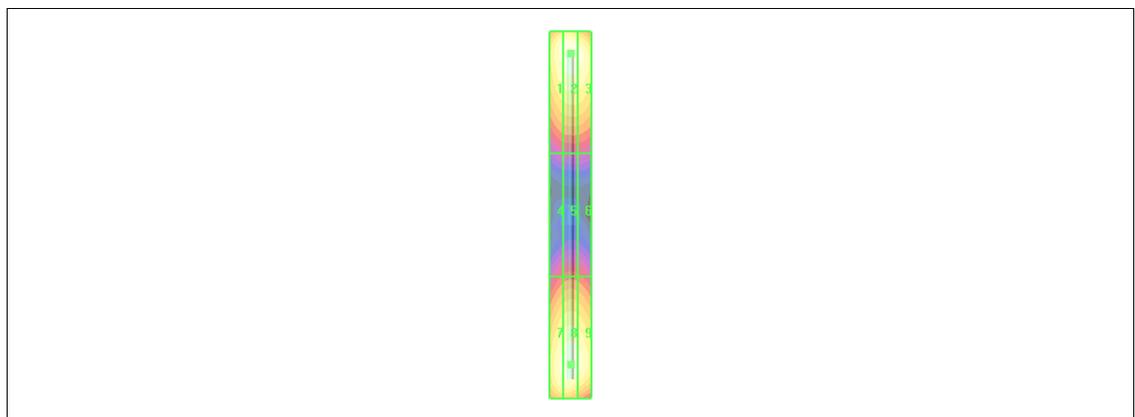
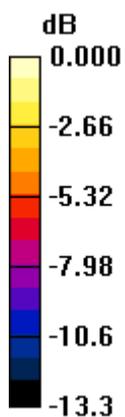
Grid 1 173.4 M4	Grid 2 179.5 M4	Grid 3 174.1 M4
Grid 4 90.1 M4	Grid 5 93.5 M4	Grid 6 91.4 M4
Grid 7 170.1 M4	Grid 8 176.0 M4	Grid 9 170.6 M4

Cursor:

Total = 179.5 V/m

E Category: M4

Location: 0, -79, 4.7 mm



0 dB = 179.5V/m

HAC_E_Dipole_1880_100927

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 : 22.6 °C

DASY4 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2010/1/22
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- 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 = 133.1 V/m

Probe Modulation Factor = 1.00

Reference Value = 138.4 V/m; Power Drift = -0.030 dB

Average Value of Total = $(130.2 + 133.1) / 2 = 131.65$ V/m

Peak E-field in V/m

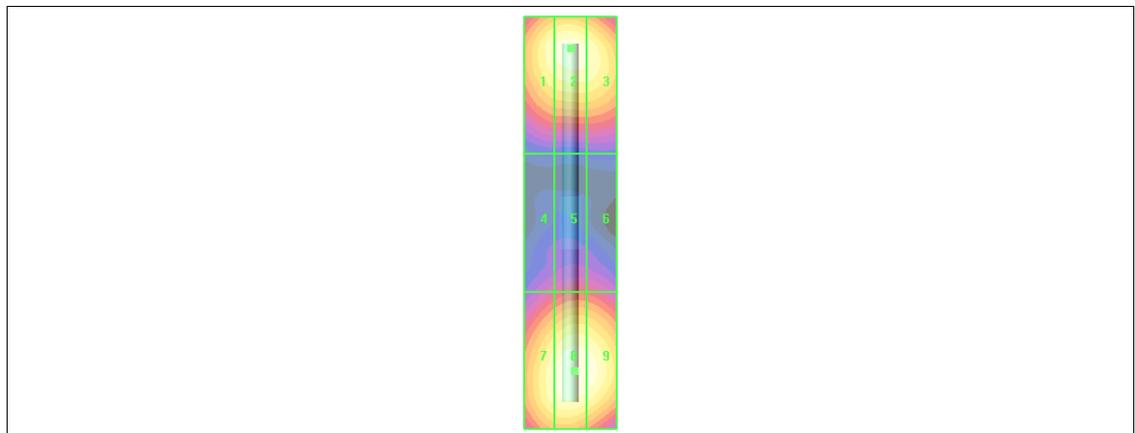
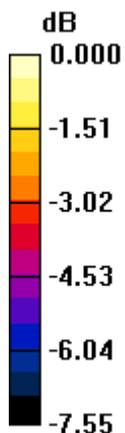
Grid 1 125.9 M2	Grid 2 130.2 M2	Grid 3 126.7 M2
Grid 4 83.3 M3	Grid 5 88.1 M3	Grid 6 87.2 M3
Grid 7 125.7 M2	Grid 8 133.1 M2	Grid 9 131.1 M2

Cursor:

Total = 133.1 V/m

E Category: M2

Location: -1, 32.5, 4.7 mm



0 dB = 133.1V/m

HAC_H_Dipole_835_100927

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 : 22.6 °C

DASY4 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2010/1/22
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- 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

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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 = 0.000 dB

Maximum Value of Total = 0.445 A/m

Peak H-field in A/m

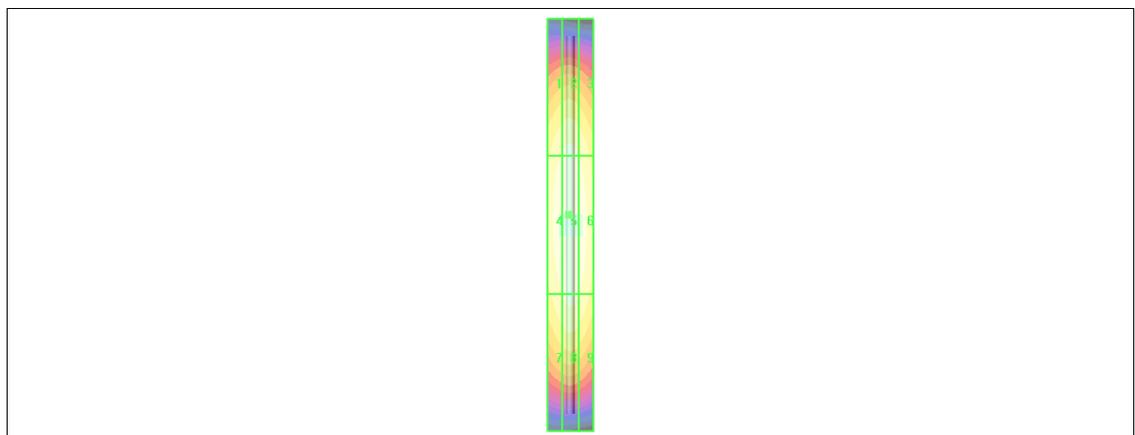
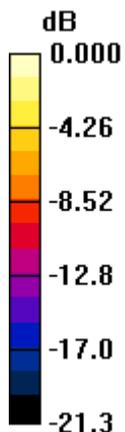
Grid 1 0.385 M4	Grid 2 0.402 M4	Grid 3 0.379 M4
Grid 4 0.426 M4	Grid 5 0.445 M4	Grid 6 0.421 M4
Grid 7 0.379 M4	Grid 8 0.399 M4	Grid 9 0.379 M4

Cursor:

Total = 0.445 A/m

H Category: M4

Location: 0.5, -4.5, 5.2 mm



0 dB = 0.445A/m

HAC_H_Dipole_1880_100927

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 : 22.6 °C

DASY4 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2010/1/22
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- 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 = 0.511 A/m; Power Drift = -0.002 dB

Maximum Value of Total = 0.465 A/m

Peak H-field in A/m

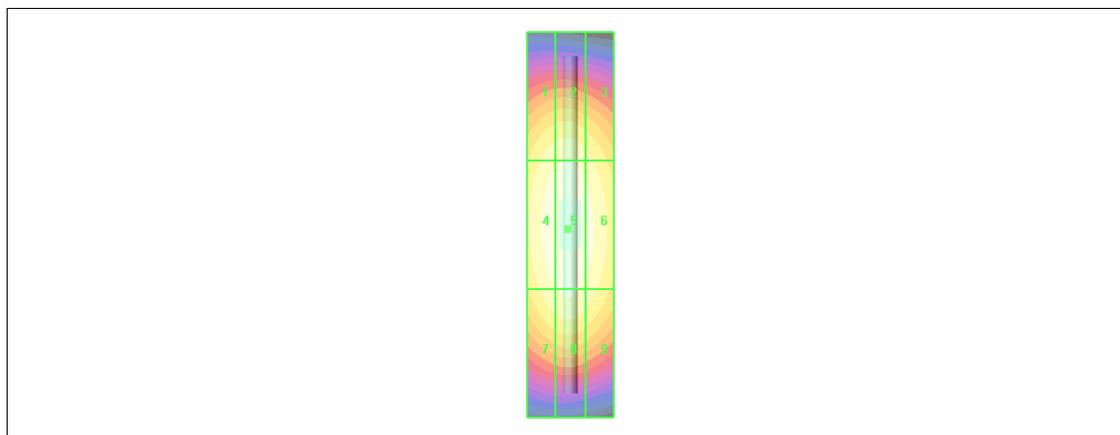
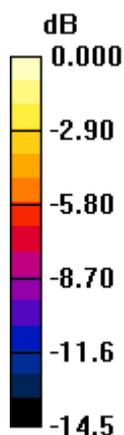
Grid 1 0.407 M2	Grid 2 0.417 M2	Grid 3 0.391 M2
Grid 4 0.452 M2	Grid 5 0.465 M2	Grid 6 0.437 M2
Grid 7 0.414 M2	Grid 8 0.430 M2	Grid 9 0.403 M2

Cursor:

Total = 0.465 A/m

H Category: M2

Location: 0.5, 1, 5.2 mm



0 dB = 0.465A/m