

HAC_E_Dipole_835_140530**DUT: HAC-Dipole 835 MHz**

Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 0$ kg/m³

Ambient Temperature : 23.6 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2014/1/30;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn914; Calibrated: 2013/12/18
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.9 (7117)

E Scan - measurement distance from the probe sensor center to CD835 = 10mm & 15mm/Hearing Aid Compatibility Test at 15mm distance (41x361x1): Interpolated grid:

dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 109.5 V/m; Power Drift = 0.02 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 105.7 V/m

Average value of Total=(105.7+101.9) / 2 = 103.8 V/m

PMF scaled E-field

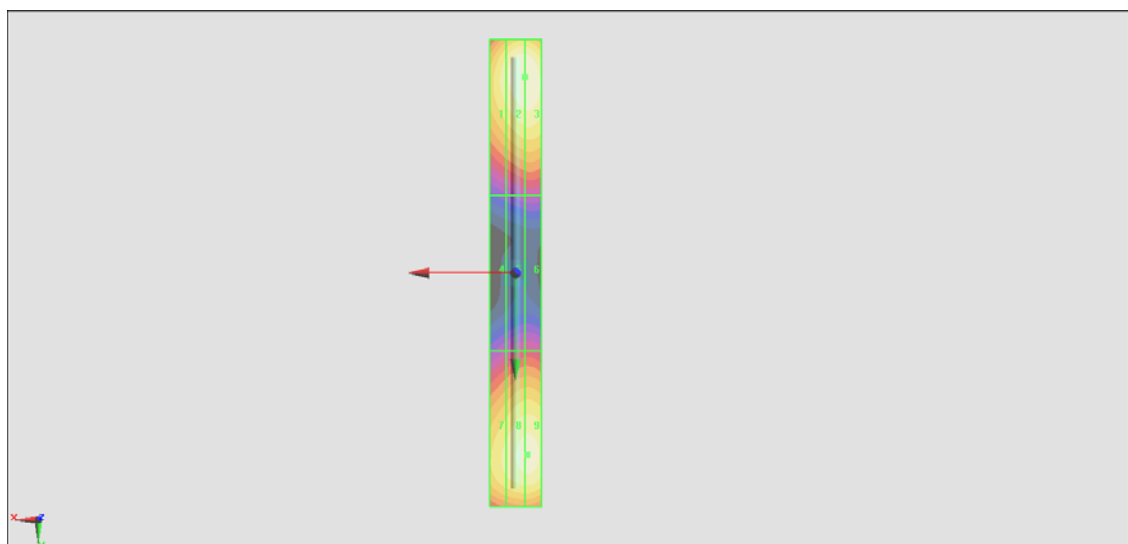
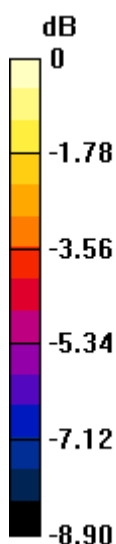
Grid 1 M4 97.55 V/m	Grid 2 M4 105.7 V/m	Grid 3 M4 105.7 V/m
Grid 4 M4 57.77 V/m	Grid 5 M4 62.54 V/m	Grid 6 M4 62.67 V/m
Grid 7 M4 94.82 V/m	Grid 8 M4 101.9 V/m	Grid 9 M4 102.2 V/m

Cursor:

Total = 105.7 V/m

E Category: M4

Location: -3.5, -75.5, 9.7 mm



$$0 \text{ dB} = 105.7 \text{ V/m} = 40.48 \text{ dBV/m}$$

HAC_E_Dipole_835_140812**DUT: HAC-Dipole 835 MHz**

Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 0$ kg/m³

Ambient Temperature : 23.6 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2014/1/30;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1425; Calibrated: 2014/3/3
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

E Scan - measurement distance from the probe sensor center to CD835 = 10mm & 15mm/Hearing Aid Compatibility Test at 15mm distance (41x361x1): Interpolated grid:

dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 108.8 V/m; Power Drift = 0.11 dB

PMF = 1.000 is applied.

E-field emissions = 111.8 V/m

Average value of Total=(112+105) / 2 = 108.5 V/m

PMF scaled E-field

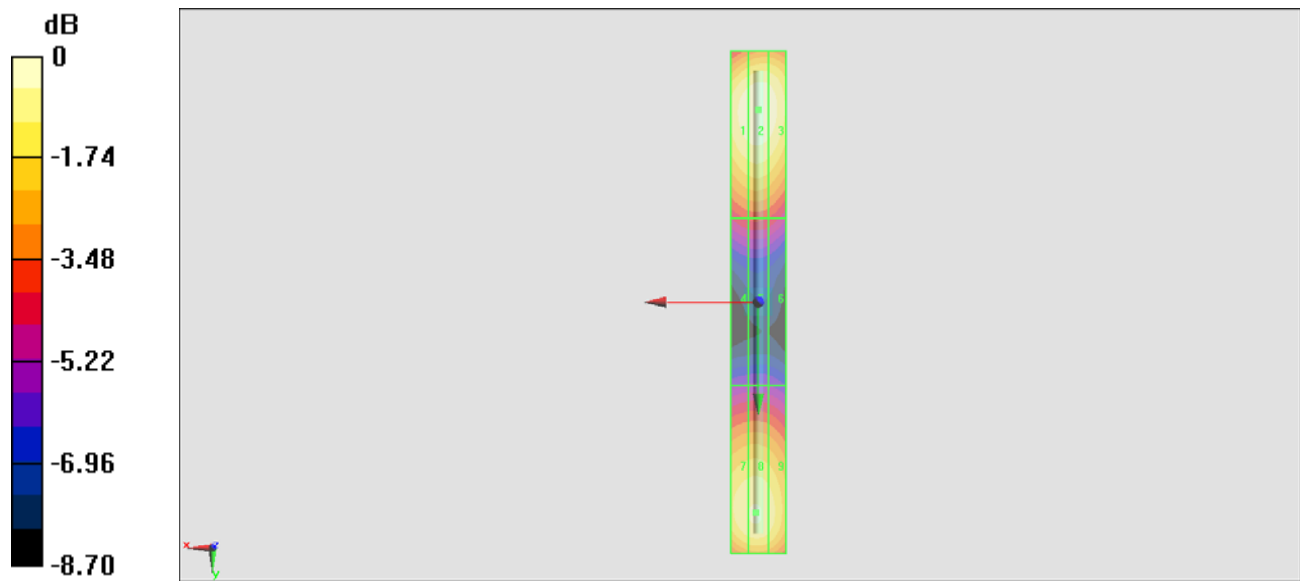
Grid 1 M4 110.2 V/m	Grid 2 M4 111.8 V/m	Grid 3 M4 109.9 V/m
Grid 4 M4 71.11 V/m	Grid 5 M4 71.79 V/m	Grid 6 M4 70.06 V/m
Grid 7 M4 104.7 V/m	Grid 8 M4 105.4 V/m	Grid 9 M4 102.3 V/m

Cursor:

Total = 111.8 V/m

E Category: M4

Location: 0, -69, 9.7 mm



HAC_E_Dipole_1880_140530**DUT: HAC Dipole 1880 MHz**

Communication System: CW; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 0$ kg/m³

Ambient Temperature : 23.6 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2014/1/30;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn914; Calibrated: 2013/12/18
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.9 (7117)

E Scan - measurement distance from the probe sensor center to CD1880 = 10mm & 15mm/Hearing Aid Compatibility Test at 15mm distance (41x181x1): Interpolated grid:

dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 122.8 V/m; Power Drift = -0.01 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 88.30 V/m

Average value of Total=(88.3+85.44) / 2 = 86.87 V/m

PMF scaled E-field

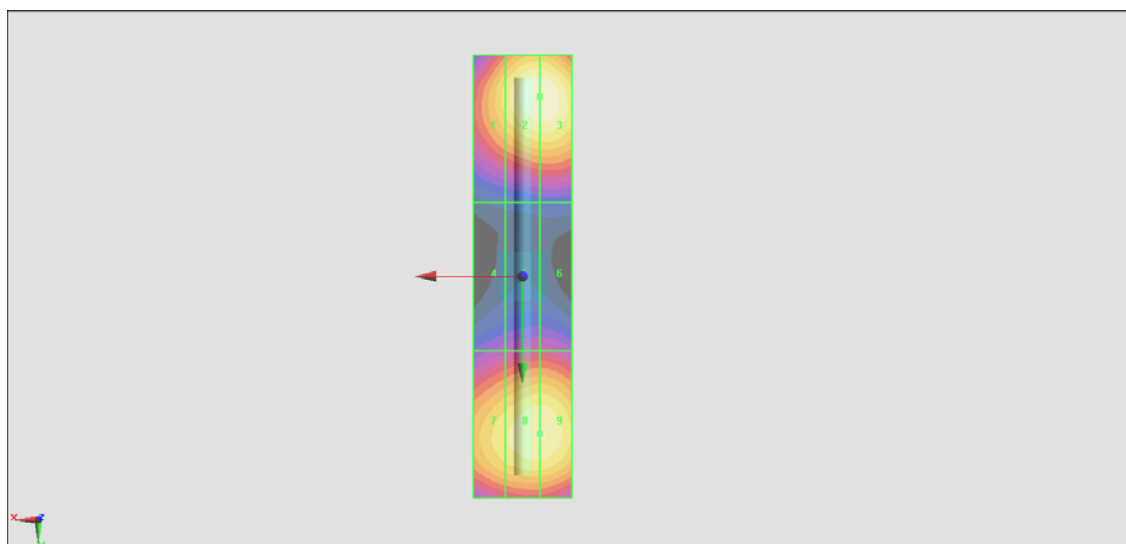
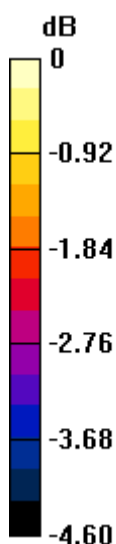
Grid 1 M3 80.74 V/m	Grid 2 M3 88.30 V/m	Grid 3 M3 88.30 V/m
Grid 4 M3 63.70 V/m	Grid 5 M3 65.95 V/m	Grid 6 M3 65.95 V/m
Grid 7 M3 82.11 V/m	Grid 8 M3 85.44 V/m	Grid 9 M3 85.44 V/m

Cursor:

Total = 88.30 V/m

E Category: M3

Location: -3.5, -36.5, 9.7 mm



$$0 \text{ dB} = 88.30 \text{ V/m} = 38.92 \text{ dBV/m}$$

HAC_E_Dipole_1880_140812**DUT: HAC Dipole 1880 MHz**

Communication System: CW; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 0$ kg/m³

Ambient Temperature : 23.6 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2014/1/30;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1425; Calibrated: 2014/3/3
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

E Scan - measurement distance from the probe sensor center to CD1880 = 10mm & 15mm/Hearing Aid Compatibility Test at 15mm distance (41x181x1): Interpolated grid:

dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 147.7 V/m; Power Drift = -0.01 dB

PMF = 1.000 is applied.

E-field emissions = 87.58 V/m

Average value of Total=(87.6+82.4) / 2 = 85 V/m

PMF scaled E-field

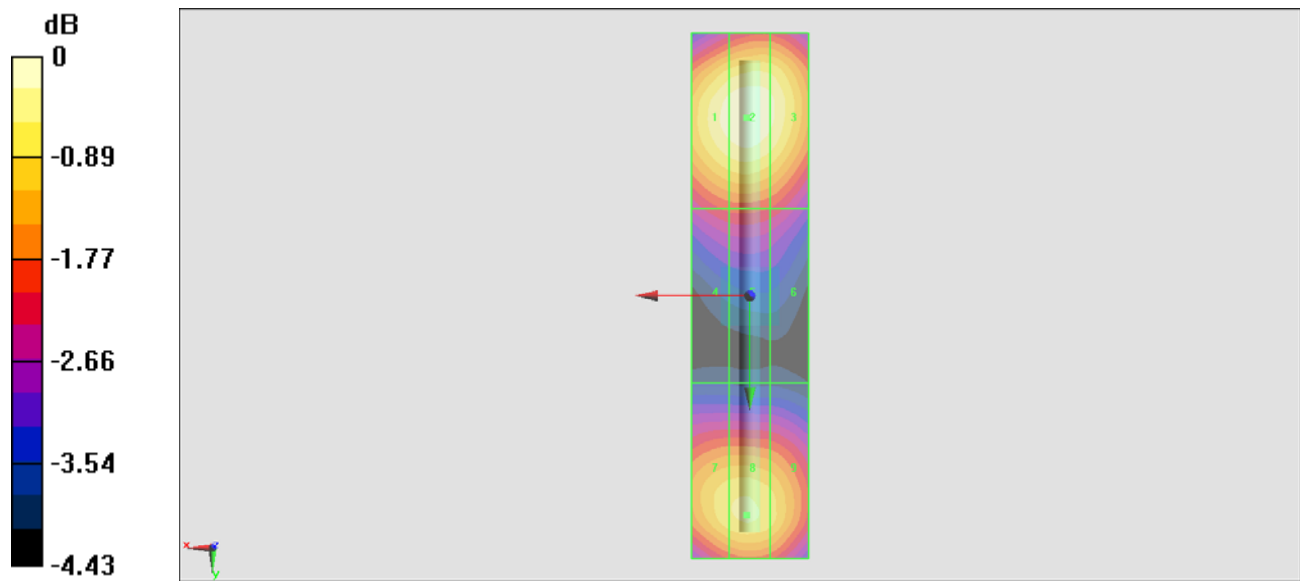
Grid 1 M3 86.19 V/m	Grid 2 M3 87.58 V/m	Grid 3 M3 85.51 V/m
Grid 4 M3 69.91 V/m	Grid 5 M3 70.21 V/m	Grid 6 M3 69.05 V/m
Grid 7 M3 81.57 V/m	Grid 8 M3 82.43 V/m	Grid 9 M3 80.55 V/m

Cursor:

Total = 87.58 V/m

E Category: M3

Location: 0.5, -30.5, 9.7 mm



0 dB = 87.58 V/m = 38.85 dBV/m