

HAC_E_Dipole_835_140618

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 14.6.9 (7117)

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

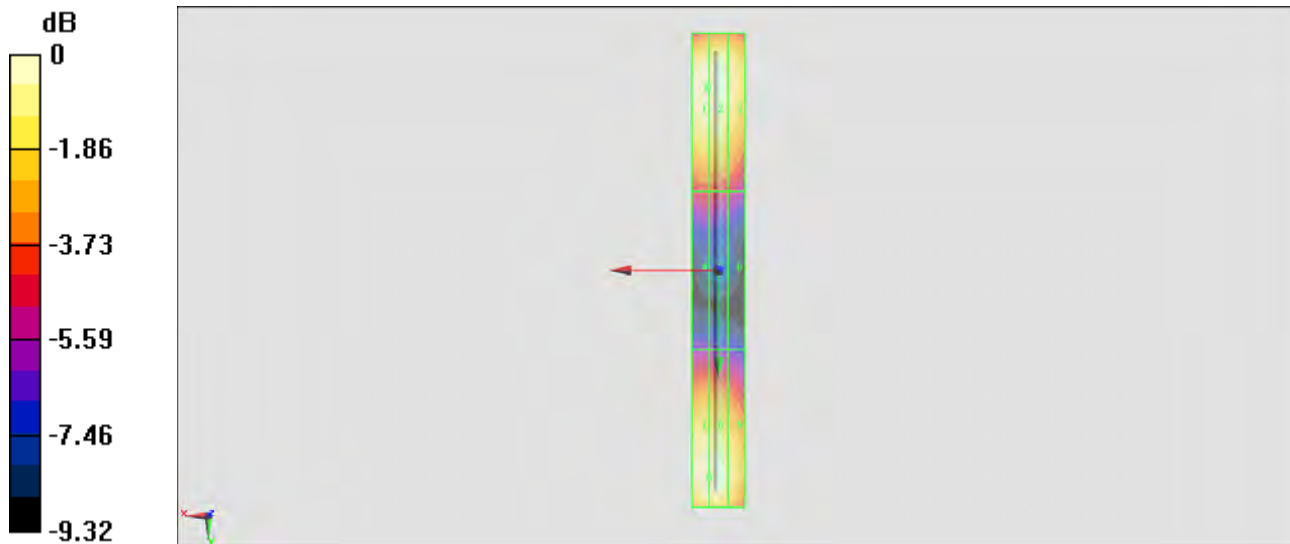
dx=0.5000 mm, dy=0.5000 mm
 Device Reference Point: 0, 0, -6.3 mm
 Reference Value = 113.4 V/m; Power Drift = 0.01 dB
 PMR not calibrated. PMF = 1.000 is applied.
 E-field emissions = 115.8 V/m
 Average value of Total=(115.7+114.1) / 2 = 114.9 V/m

PMF scaled E-field

Grid 1 M4 115.8 V/m	Grid 2 M4 115.7 V/m	Grid 3 M4 108.8 V/m
Grid 4 M4 71.86 V/m	Grid 5 M4 71.86 V/m	Grid 6 M4 67.67 V/m
Grid 7 M4 114.1 V/m	Grid 8 M4 114.1 V/m	Grid 9 M4 105.9 V/m

Cursor:

Total = 115.8 V/m
 E Category: M4
 Location: 4, -69.5, 9.7 mm



0 dB = 115.8 V/m = 41.27 dBV/m

HAC_E_Dipole_835_140814

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 Sn1338; Calibrated: 2013/11/5
- 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:

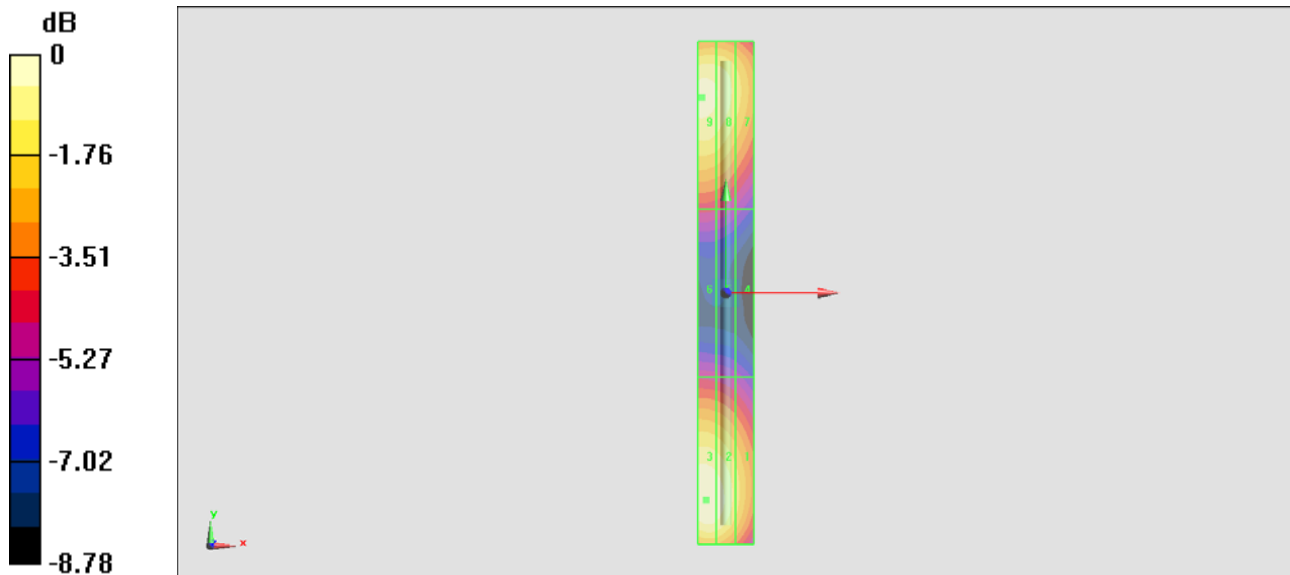
dx=0.5000 mm, dy=0.5000 mm
 Device Reference Point: 0, 0, -6.3 mm
 Reference Value = 106.3 V/m; Power Drift = -0.07 dB
 PMR not calibrated. PMF = 1.000 is applied.
 E-field emissions = 109.8 V/m
 Average value of Total=(107.6+103.2) / 2 = 105.4 V/m

PMF scaled E-field

Grid 1 M4 93.62 V/m	Grid 2 M4 107.6 V/m	Grid 3 M4 109.8 V/m
Grid 4 M4 59.07 V/m	Grid 5 M4 64.73 V/m	Grid 6 M4 65.85 V/m
Grid 7 M4 93.67 V/m	Grid 8 M4 103.2 V/m	Grid 9 M4 105.5 V/m

Cursor:

Total = 109.8 V/m
 E Category: M4
 Location: -7, -74, 9.7 mm



0 dB = 109.8 V/m = 40.81 dBV/m

HAC_E_Dipole_1880_140618

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 14.6.9 (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 = 145.8 V/m; Power Drift = 0.00 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 88.95 V/m

Average value of Total=(88.95+84.66) / 2 = 86.805 V/m

PMF scaled E-field

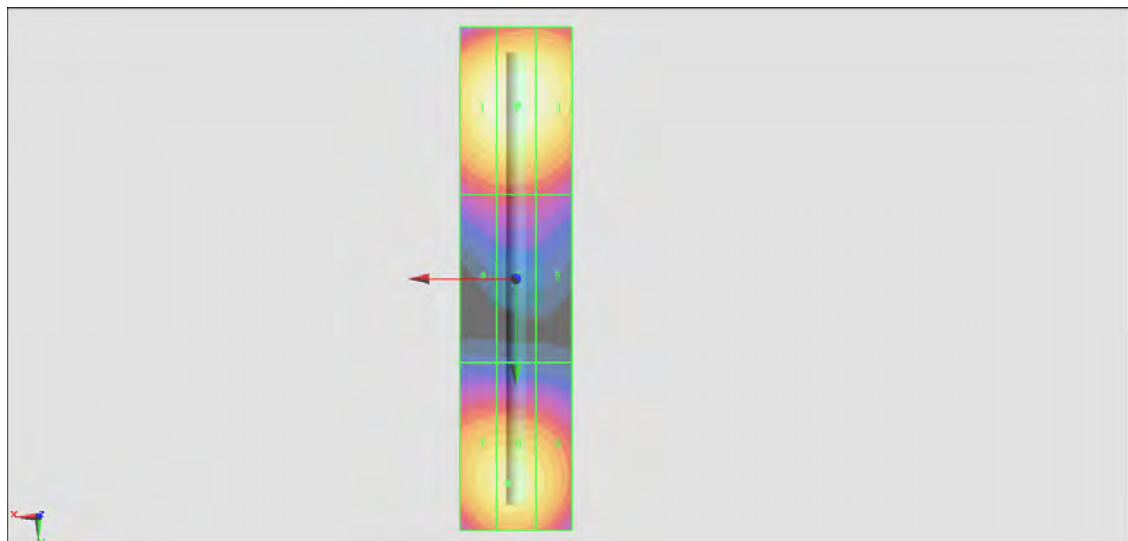
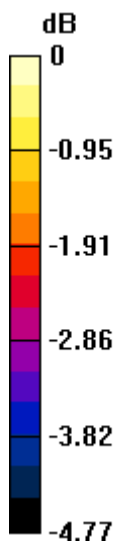
Grid 1 M3 88.09 V/m	Grid 2 M3 88.95 V/m	Grid 3 M3 87.80 V/m
Grid 4 M3 68.63 V/m	Grid 5 M3 69.09 V/m	Grid 6 M3 67.83 V/m
Grid 7 M3 83.94 V/m	Grid 8 M3 84.66 V/m	Grid 9 M3 82.10 V/m

Cursor:

Total = 88.95 V/m

E Category: M3

Location: 0, -31, 9.7 mm



$$0 \text{ dB} = 88.95 \text{ V/m} = 38.98 \text{ dBV/m}$$

HAC_E_Dipole_1880_140814

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 Sn1338; Calibrated: 2013/11/5
- 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 = 133.3 V/m; Power Drift = -0.01 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 86.63 V/m

Average value of Total=(81.64+85.73) / 2 = 83.69 V/m

PMF scaled E-field

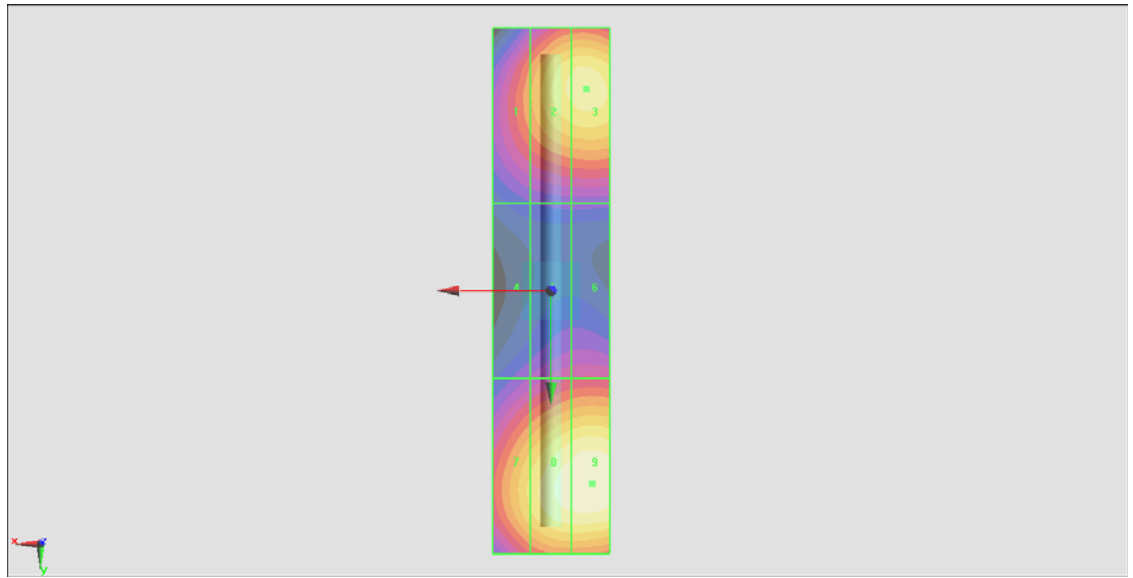
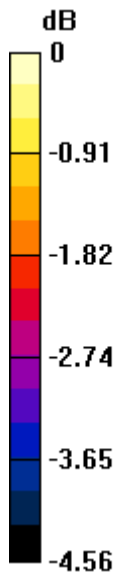
Grid 1 M3 72.62 V/m	Grid 2 M3 81.64 V/m	Grid 3 M3 82.57 V/m
Grid 4 M4 61.60 V/m	Grid 5 M3 65.58 V/m	Grid 6 M3 66.03 V/m
Grid 7 M3 79.05 V/m	Grid 8 M3 85.73 V/m	Grid 9 M3 86.63 V/m

Cursor:

Total = 86.63 V/m

E Category: M3

Location: -7, 33, 9.7 mm



0 dB = 86.63 V/m = 38.75 dBV/m