

HAC_E_Dipole_835_141202

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 Sn1279; Calibrated: 2014/7/23
- 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:

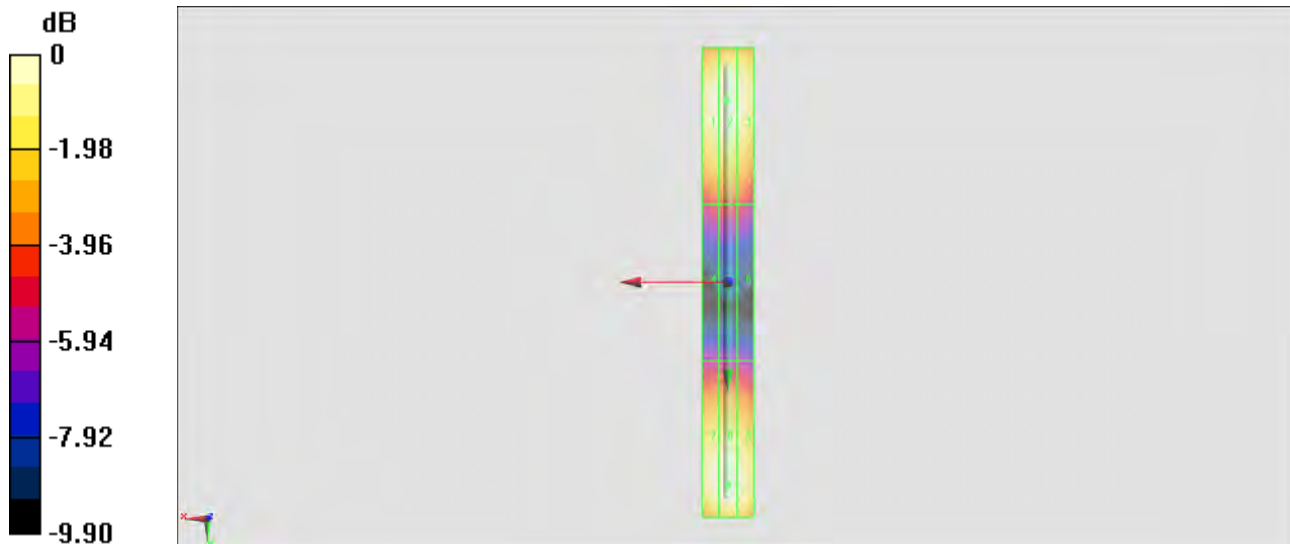
dx=0.5000 mm, dy=0.5000 mm
 Device Reference Point: 0, 0, -6.3 mm
 Reference Value = 116.3 V/m; Power Drift = -0.00 dB
 PMR not calibrated. PMF = 1.000 is applied.
 E-field emissions = 115.4 V/m
 Average value of Total=(115.4+114.8) / 2 = 115.1 V/m

PMF scaled E-field

Grid 1 M4 113.8 V/m	Grid 2 M4 115.4 V/m	Grid 3 M4 113.2 V/m
Grid 4 M4 69.86 V/m	Grid 5 M4 70.54 V/m	Grid 6 M4 68.92 V/m
Grid 7 M4 113.0 V/m	Grid 8 M4 114.8 V/m	Grid 9 M4 112.4 V/m

Cursor:

Total = 115.4 V/m
 E Category: M4
 Location: 0.5, -69.5, 9.7 mm



0 dB = 115.4 V/m = 41.24 dBV/m

HAC_E_Dipole_835_141205

DUT: HAC-Dipole 835 MHz

Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1
 Medium: Air Medium parameters used: $\sigma = 0 \text{ S/m}$, $\epsilon_r = 1$; $\rho = 0 \text{ kg/m}^3$
 Ambient Temperature : 23.6 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2014/1/30;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1388; Calibrated: 2014/9/24
- 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:

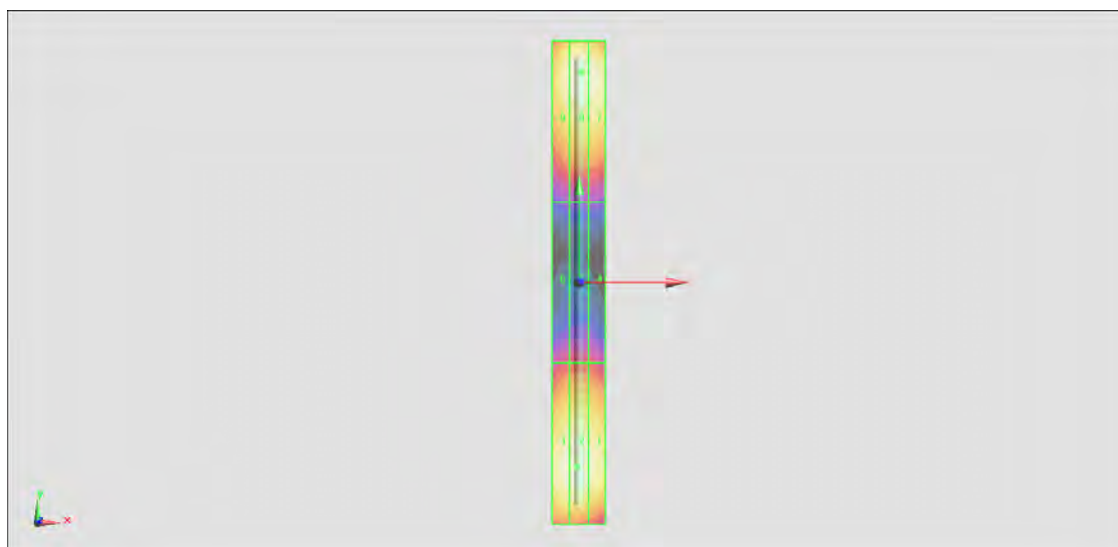
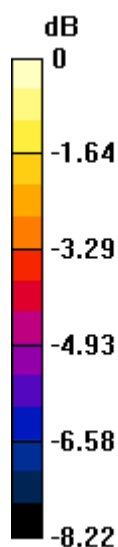
$dx=0.5000 \text{ mm}$, $dy=0.5000 \text{ mm}$
 Device Reference Point: 0, 0, -6.3 mm
 Reference Value = 122.8 V/m; Power Drift = -0.16 dB
 PMR not calibrated. PMF = 1.000 is applied.
 E-field emissions = 116.2 V/m
 Average value of Total=(114.9+116.2) / 2 = 115.55 V/m

PMF scaled E-field

Grid 1 M4 112.4 V/m	Grid 2 M4 114.9 V/m	Grid 3 M4 113.9 V/m
Grid 4 M4 74.50 V/m	Grid 5 M4 75.14 V/m	Grid 6 M4 74.05 V/m
Grid 7 M4 115.2 V/m	Grid 8 M4 116.2 V/m	Grid 9 M4 111.4 V/m

Cursor:

Total = 116.2 V/m
 E Category: M4
 Location: 1, 78.5, 9.7 mm



$$0 \text{ dB} = 116.2 \text{ V/m} = 41.30 \text{ dBV/m}$$

HAC_E_Dipole_1880_141202

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 Sn1279; Calibrated: 2014/7/23
- 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 = 147.3 V/m; Power Drift = -0.03 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 90.34 V/m

Average value of Total=(90.34+84.69) / 2 = 87.515 V/m

PMF scaled E-field

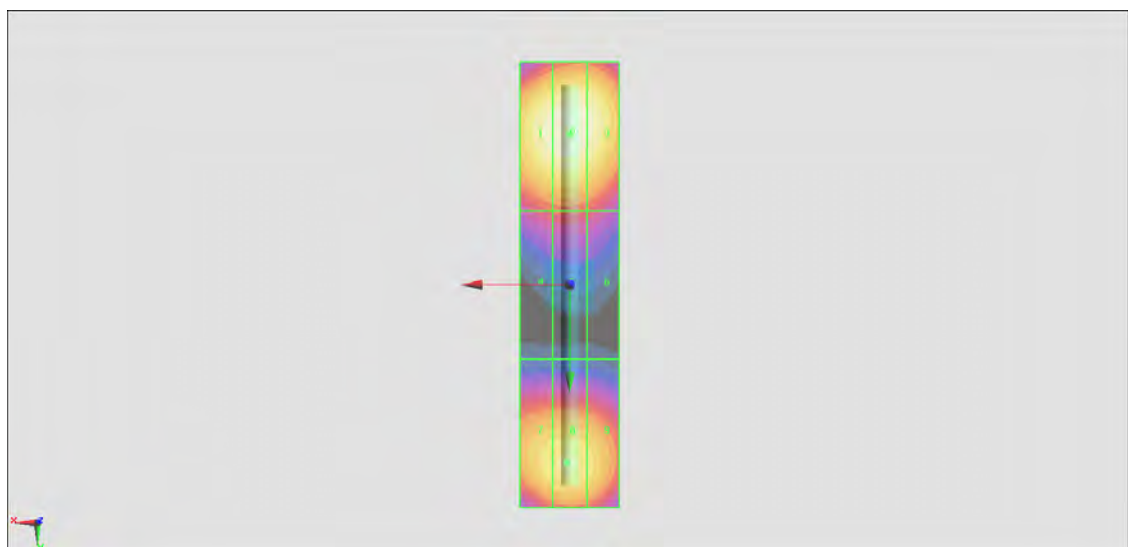
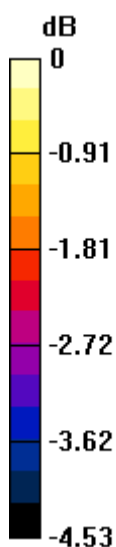
Grid 1 M3 89.16 V/m	Grid 2 M3 90.34 V/m	Grid 3 M3 88.70 V/m
Grid 4 M3 71.42 V/m	Grid 5 M3 72.09 V/m	Grid 6 M3 70.74 V/m
Grid 7 M3 83.71 V/m	Grid 8 M3 84.69 V/m	Grid 9 M3 83.04 V/m

Cursor:

Total = 90.34 V/m

E Category: M3

Location: 0, -30.5, 9.7 mm



$$0 \text{ dB} = 90.34 \text{ V/m} = 39.12 \text{ dBV/m}$$

HAC_E_Dipole_1880_141205

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 Sn1388; Calibrated: 2014/9/24
- 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 = 154.6 V/m; Power Drift = -0.01 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 88.93 V/m

Average value of Total=(88.93+87.27) / 2 = 88.1 V/m

PMF scaled E-field

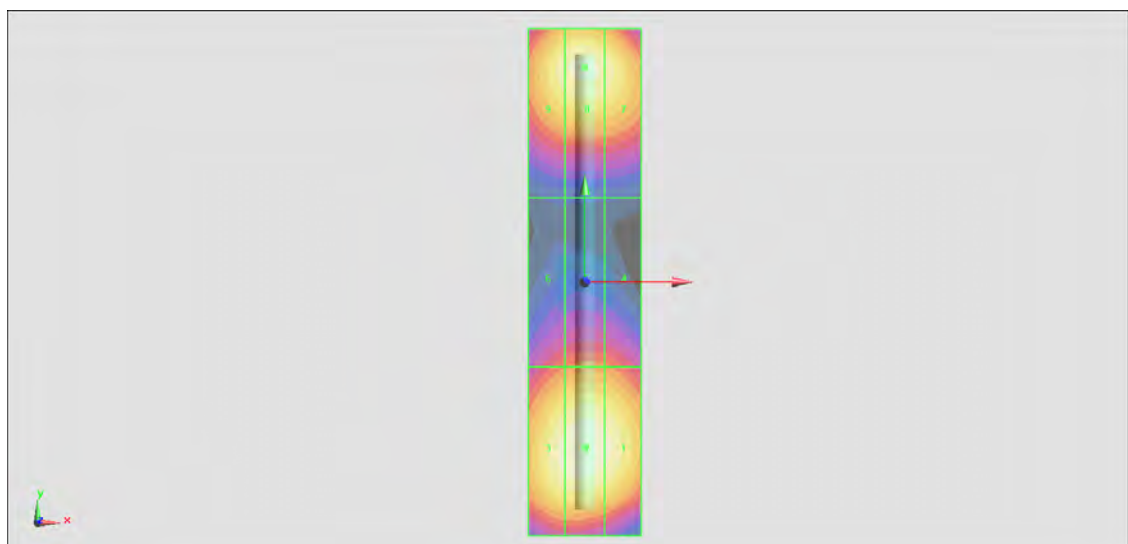
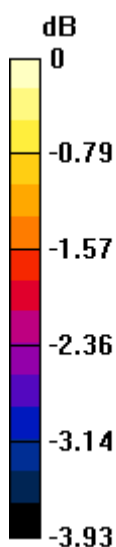
Grid 1 M3 87.68 V/m	Grid 2 M3 88.93 V/m	Grid 3 M3 87.54 V/m
Grid 4 M3 75.00 V/m	Grid 5 M3 75.48 V/m	Grid 6 M3 74.11 V/m
Grid 7 M3 85.72 V/m	Grid 8 M3 87.27 V/m	Grid 9 M3 85.85 V/m

Cursor:

Total = 88.93 V/m

E Category: M3

Location: 0, -29.5, 9.7 mm



$$0 \text{ dB} = 88.93 \text{ V/m} = 38.98 \text{ dBV/m}$$