

HAC_E_Dipole_835

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: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn910; Calibrated: 2018/6/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

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 = 123.0 V/m; Power Drift = -0.07 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 109.3 V/m

Average value of Total=(109.3+107.3) / 2 = 108.3 V/m

PMF scaled E-field

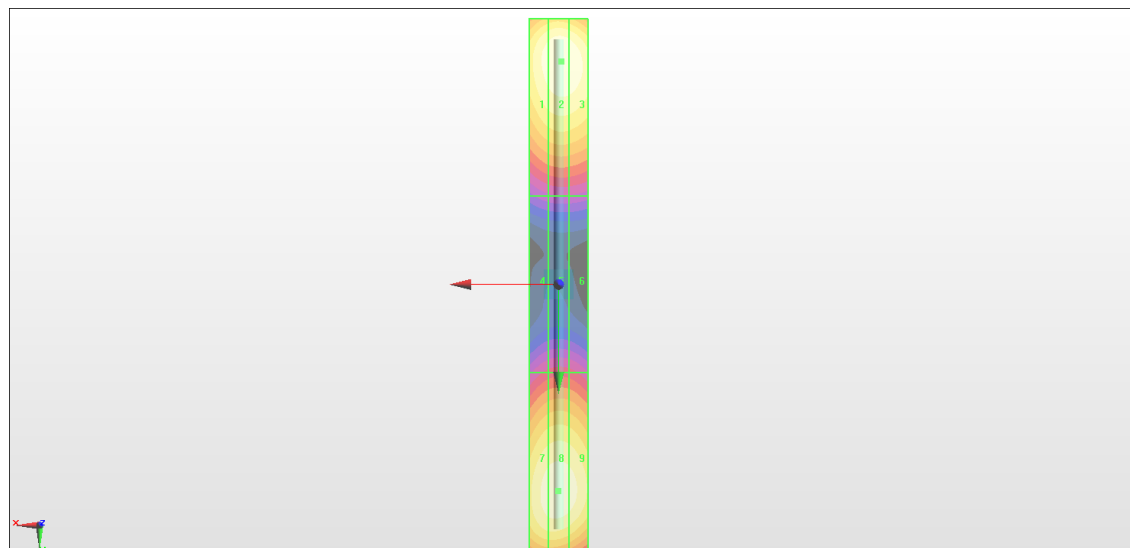
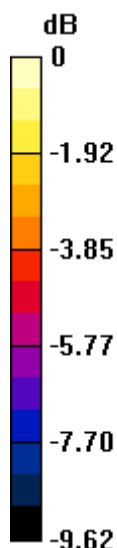
Grid 1 M4 105.7 V/m	Grid 2 M4 109.3 V/m	Grid 3 M4 108.0 V/m
Grid 4 M4 62.51 V/m	Grid 5 M4 63.56 V/m	Grid 6 M4 62.89 V/m
Grid 7 M4 105.7 V/m	Grid 8 M4 107.3 V/m	Grid 9 M4 105.6 V/m

Cursor:

Total = 109.3 V/m

E Category: M4

Location: -1, -75.5, 9.7 mm



0 dB = 109.3 V/m = 40.77 dBV/m

HAC_E_Dipole_1880**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: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn910; Calibrated: 2018/6/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

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 = 147.2 V/m; Power Drift = 0.01 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 88.77 V/m

Average value of Total = $(88.77 + 84.5) / 2 = 86.635$ V/m

PMF scaled E-field

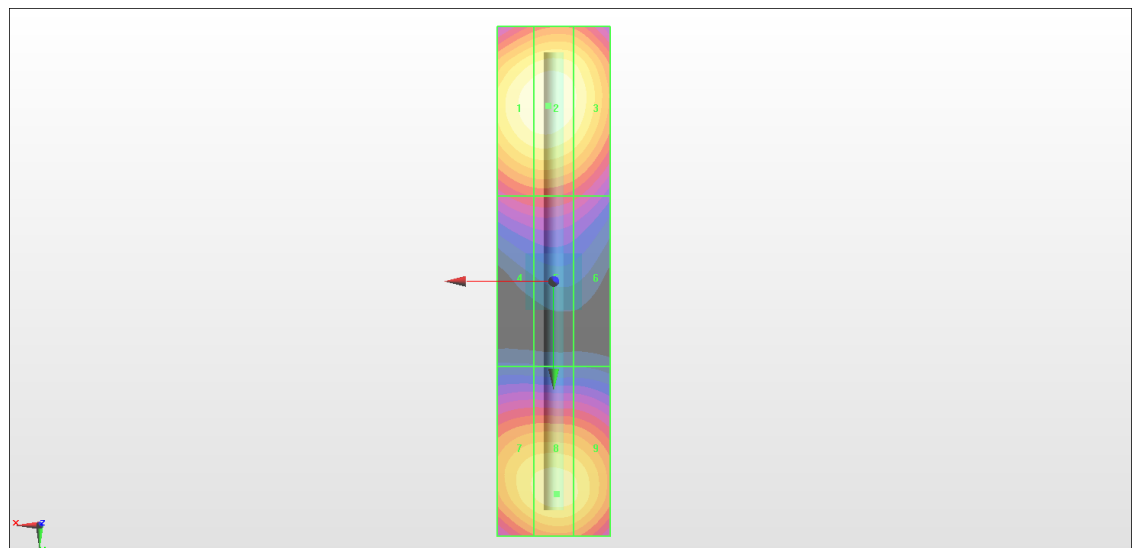
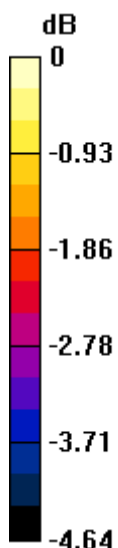
Grid 1 M3 88.09 V/m	Grid 2 M3 88.77 V/m	Grid 3 M3 86.29 V/m
Grid 4 M3 69.40 V/m	Grid 5 M3 69.59 V/m	Grid 6 M3 67.75 V/m
Grid 7 M3 83.12 V/m	Grid 8 M3 84.50 V/m	Grid 9 M3 83.48 V/m

Cursor:

Total = 88.77 V/m

E Category: M3

Location: 1, -31, 9.7 mm



0 dB = 88.77 V/m = 38.97 dBV/m

HAC_E_Dipole_2450**DUT: HAC Dipole 2450 MHz**

Communication System: CW; Frequency: 2450 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: EF3DV3 - SN4053; ConvF(1, 1, 1); Calibrated: 2018/3/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn910; Calibrated: 2018/6/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

E Scan - measurement distance from the probe sensor center to CD2450 = 10mm & 15mm
2/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 = 76.03 V/m; Power Drift = 0.01 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 90.56 V/m

Average value of Total=(88.75+90.56) / 2 = 89.655 V/m

PMF scaled E-field

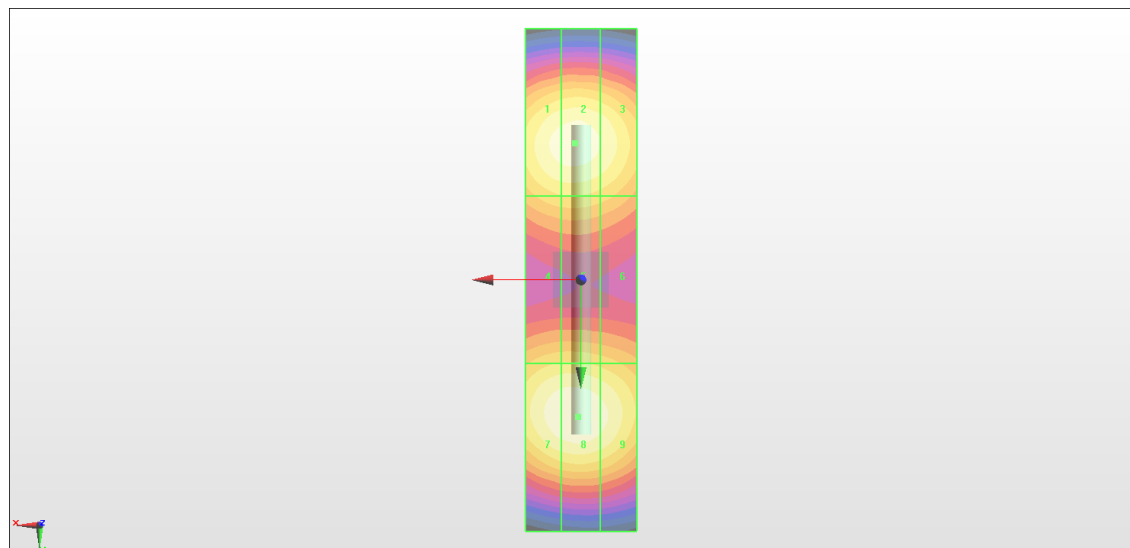
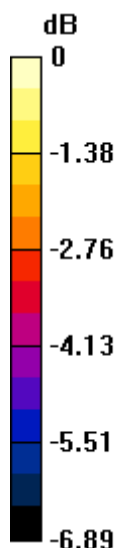
Grid 1 M3 88.04 V/m	Grid 2 M3 88.75 V/m	Grid 3 M3 85.98 V/m
Grid 4 M3 77.84 V/m	Grid 5 M3 78.04 V/m	Grid 6 M3 76.20 V/m
Grid 7 M3 89.60 V/m	Grid 8 M3 90.56 V/m	Grid 9 M3 87.68 V/m

Cursor:

Total = 90.56 V/m

E Category: M3

Location: 0.5, 24.5, 9.7 mm



0 dB = 90.56 V/m = 39.14 dBV/m

HAC_E_Dipole_2600**DUT: HAC Dipole 2600 MHz**

Communication System: CW ; Frequency: 2600 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: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn910; Calibrated: 2018/6/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

E Scan - measurement distance from the probe sensor center to CD2600 = 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 = 72.46 V/m; Power Drift = 0.01 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 92.14 V/m

Average value of Total=(84.22+92.14) / 2 = 88.18 V/m

PMF scaled E-field

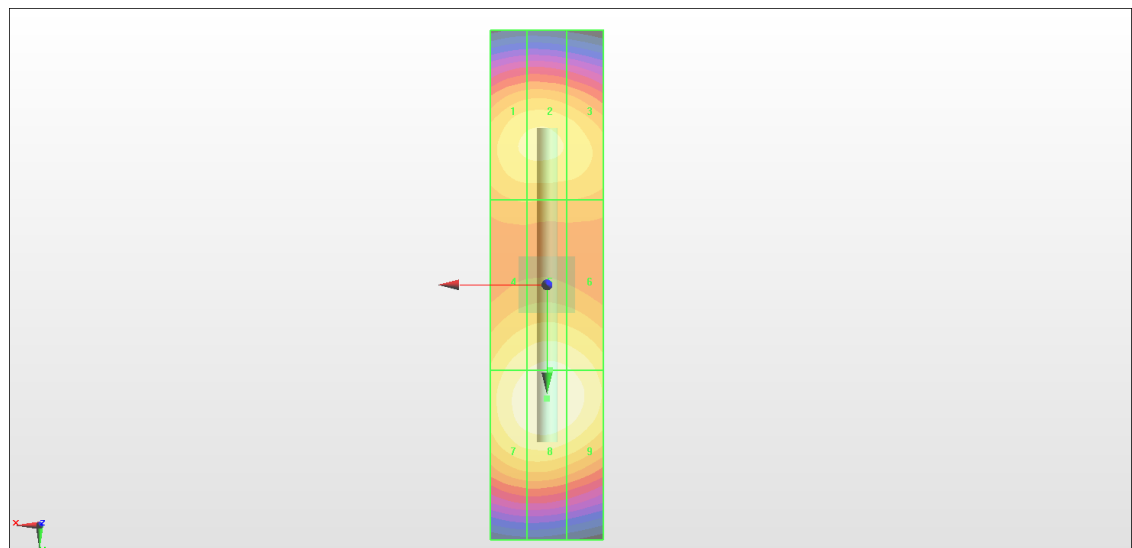
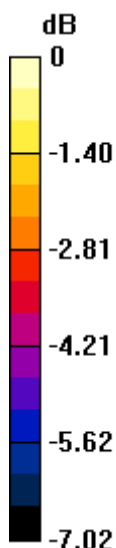
Grid 1 M3 83.71 V/m	Grid 2 M3 84.22 V/m	Grid 3 M3 82.43 V/m
Grid 4 M3 87.34 V/m	Grid 5 M3 89.03 V/m	Grid 6 M3 87.99 V/m
Grid 7 M3 90.54 V/m	Grid 8 M3 92.14 V/m	Grid 9 M3 90.72 V/m

Cursor:

Total = 92.14 V/m

E Category: M3

Location: 0, 20, 9.7 mm



0 dB = 92.14 V/m = 39.29 dBV/m