

HAC_E_Dipole_835

DUT: HAC-Dipole 835 MHz

Communication System: CW; Frequency: 835 MHz

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

Ambient Temperature : 23.5 °C

DASY5 Configuration

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1) @ 835 MHz; Calibrated: 2021/12/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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 = 132.4 V/m; Power Drift = -0.03 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 111.2 V/m

Average value of Total=(109.8+111.2) / 2 = 110.5 V/m

PMF scaled E-field

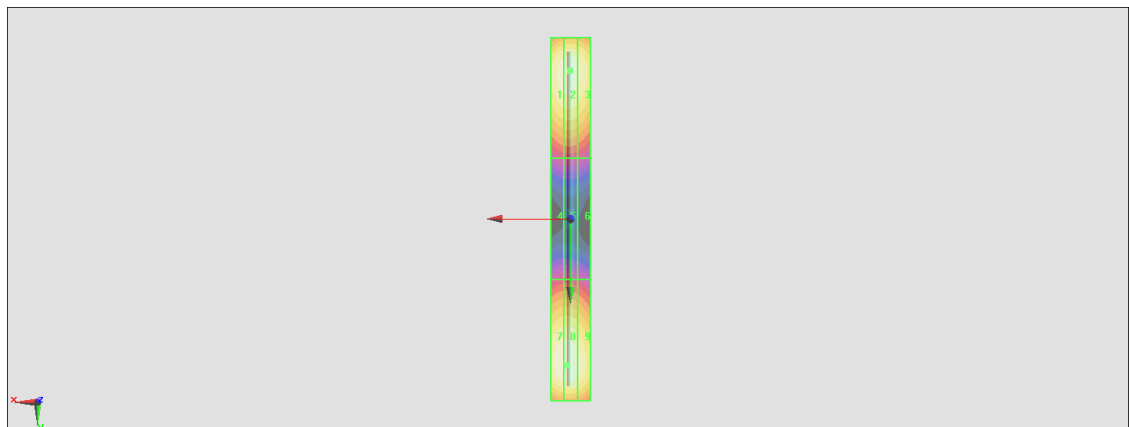
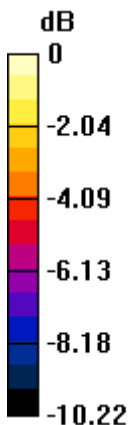
Grid 1 M4 108.3 V/m	Grid 2 M4 109.8 V/m	Grid 3 M4 106.0 V/m
Grid 4 M4 61.38 V/m	Grid 5 M4 61.47 V/m	Grid 6 M4 59.18 V/m
Grid 7 M4 110.7 V/m	Grid 8 M4 111.2 V/m	Grid 9 M4 106.3 V/m

Cursor:

Total = 111.2 V/m

E Category: M4

Location: 2, 72.5, 9.7 mm



0 dB = 111.2 V/m = 40.92 dBV/m

HAC_E_Dipole_835

DUT: HAC-Dipole 835 MHz

Communication System: CW; Frequency: 835 MHz

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 - SN4062; ConvF(1, 1, 1) @ 835 MHz; Calibrated: 2021/12/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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 = 138.0 V/m; Power Drift = -0.10 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 115.0 V/m

Average value of Total=(114+115) / 2 = 114.5 V/m

PMF scaled E-field

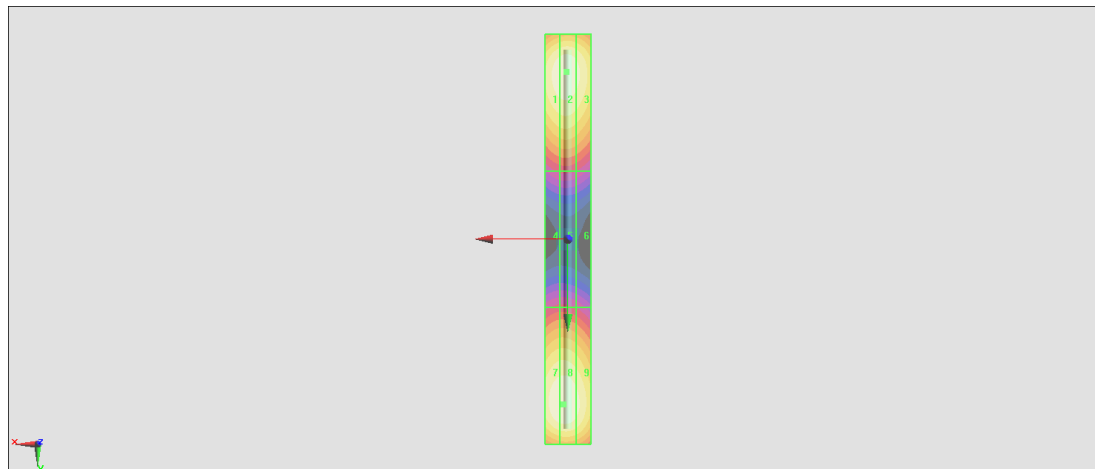
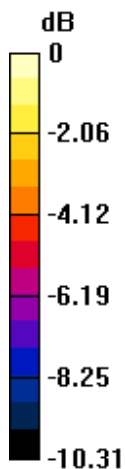
Grid 1 M4 112.3 V/m	Grid 2 M4 113.7 V/m	Grid 3 M4 109.8 V/m
Grid 4 M4 63.48 V/m	Grid 5 M4 63.56 V/m	Grid 6 M4 61.43 V/m
Grid 7 M4 114.5 V/m	Grid 8 M4 115.0 V/m	Grid 9 M4 109.9 V/m

Cursor:

Total = 115.0 V/m

E Category: M4

Location: 2, 72.5, 9.7 mm



0 dB = 115.0 V/m = 41.21 dBV/m

HAC_E_Dipole_1880

DUT: HAC Dipole 1880 MHz

Communication System: CW; Frequency: 1880 MHz

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

Ambient Temperature : 23.5 °C

DASY5 Configuration

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 2021/12/17

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20

- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;

- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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 = 145.5 V/m; Power Drift = 0.02 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 81.68 V/m

Average value of Total= $(81.68+79.82) / 2 = 80.75$ V/m

PMF scaled E-field

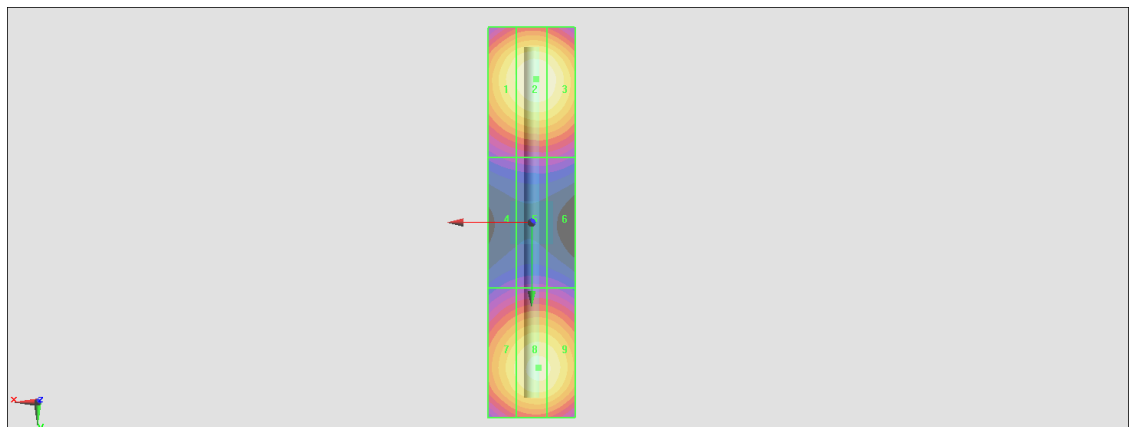
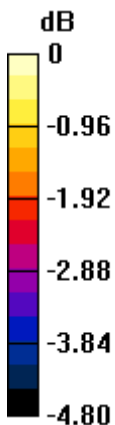
Grid 1 M3 79.55 V/m	Grid 2 M3 81.68 V/m	Grid 3 M3 81.01 V/m
Grid 4 M4 58.18 V/m	Grid 5 M4 59.22 V/m	Grid 6 M4 59.12 V/m
Grid 7 M3 76.99 V/m	Grid 8 M3 79.82 V/m	Grid 9 M3 79.41 V/m

Cursor:

Total = 81.68 V/m

E Category: M3

Location: -1, -33, 9.7 mm



0 dB = 81.68 V/m = 38.24 dBV/m

HAC_E_Dipole_2450

DUT: HAC Dipole 2450 MHz

Communication System: CW; Frequency: 2450 MHz

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

Ambient Temperature : 23.5 °C

DASY5 Configuration

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1) @ 2412 MHz; Calibrated: 2021/12/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

E Scan - measurement distance from the probe sensor center to CD2450 = 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 = 83.28 V/m; Power Drift = 0.09 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 88.10 V/m

Average value of Total=(86.38+88.1) / 2 = 87.24 V/m

PMF scaled E-field

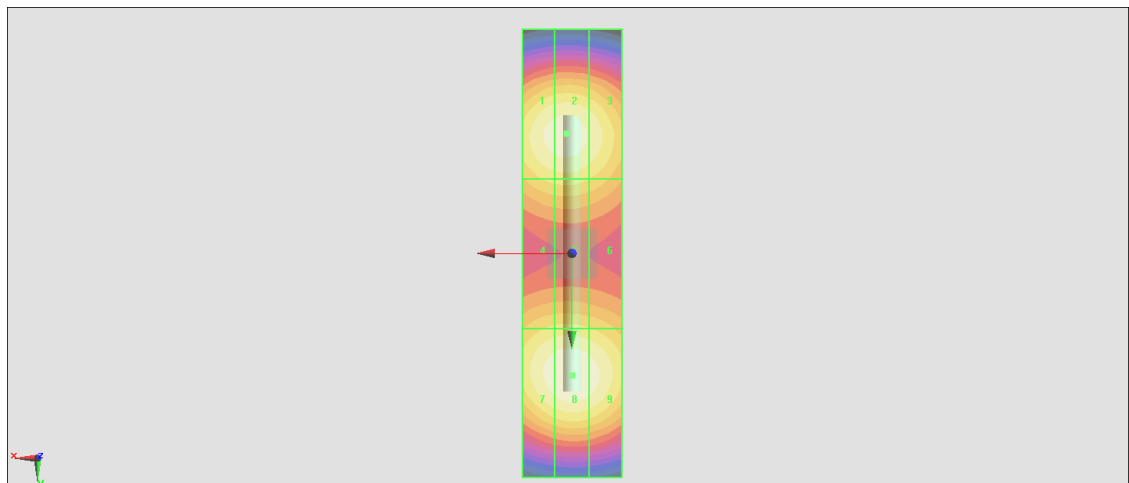
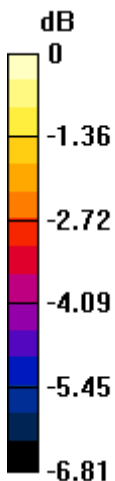
Grid 1 M3 85.49 V/m	Grid 2 M3 86.38 V/m	Grid 3 M3 83.26 V/m
Grid 4 M3 78.01 V/m	Grid 5 M3 77.50 V/m	Grid 6 M3 75.77 V/m
Grid 7 M3 86.55 V/m	Grid 8 M3 88.10 V/m	Grid 9 M3 86.32 V/m

Cursor:

Total = 88.10 V/m

E Category: M3

Location: 0, 24.5, 9.7 mm



0 dB = 88.10 V/m = 38.90 dBV/m

HAC_E_Dipole_2450

DUT: HAC Dipole 2450 MHz

Communication System: CW; Frequency: 2450 MHz

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 - SN4062; ConvF(1, 1, 1) @ 2450 MHz; Calibrated: 2021/12/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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 = 80.32 V/m; Power Drift = -0.02 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 88.69 V/m

Average value of Total=(87.4+88.7) / 2 = 88.05 V/m

PMF scaled E-field

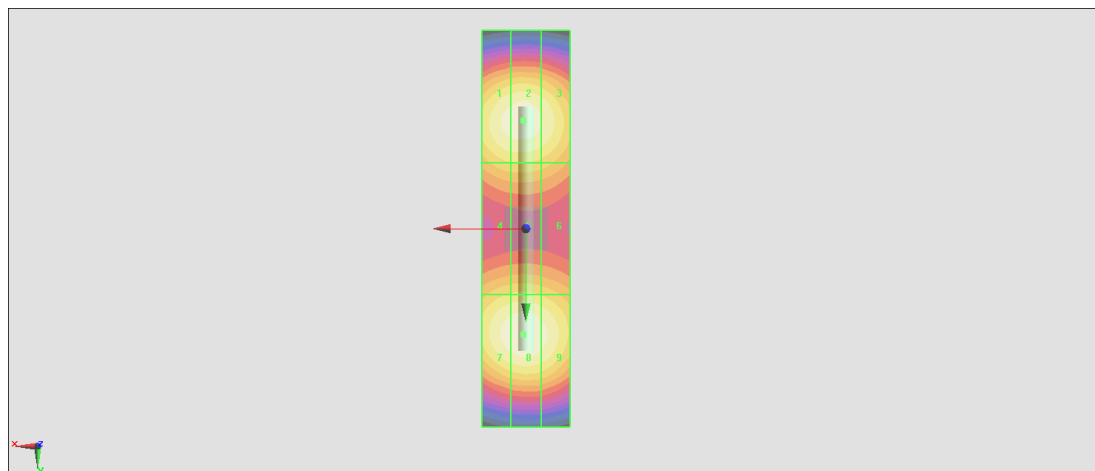
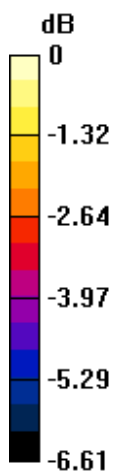
Grid 1 M3 86.45 V/m	Grid 2 M3 87.42 V/m	Grid 3 M3 84.60 V/m
Grid 4 M3 76.81 V/m	Grid 5 M3 77.52 V/m	Grid 6 M3 75.91 V/m
Grid 7 M3 87.09 V/m	Grid 8 M3 88.69 V/m	Grid 9 M3 86.18 V/m

Cursor:

Total = 88.69 V/m

E Category: M3

Location: 0.5, 24, 9.7 mm



0 dB = 88.69 V/m = 38.96 dBV/m

HAC_E_Dipole_2600

DUT: HAC Dipole 2600 MHz

Communication System: CW ; Frequency: 2600 MHz

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

Ambient Temperature : 23.5 °C

DASY5 Configuration

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1) @ 2600 MHz; Calibrated: 2021/12/17

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20

- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;

- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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 = 65.04 V/m; Power Drift = 0.02 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 86.61 V/m

Average value of Total= $(85.70+86.61) / 2 = 86.155$ V/m

PMF scaled E-field

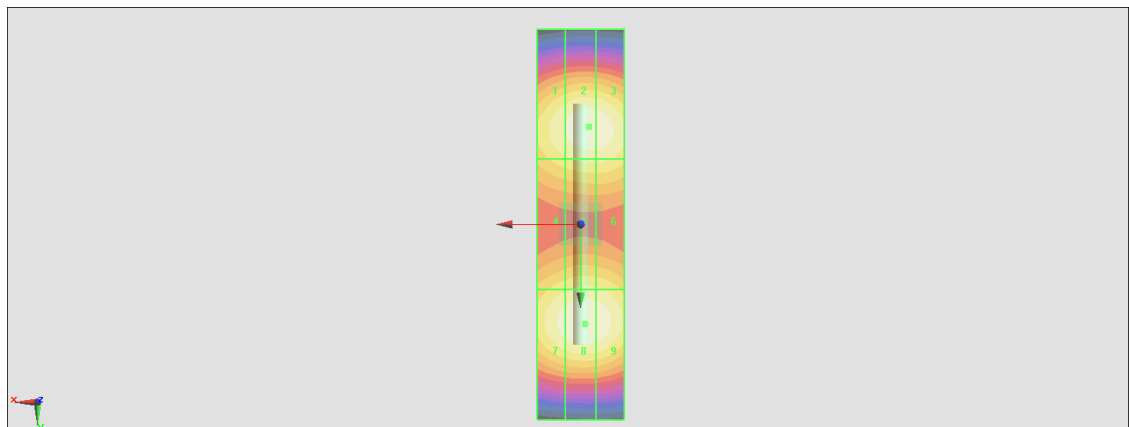
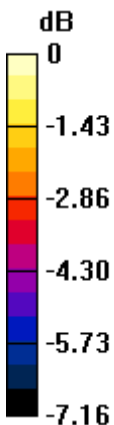
Grid 1 M3 82.58 V/m	Grid 2 M3 85.70 V/m	Grid 3 M3 85.64 V/m
Grid 4 M3 77.16V/m	Grid 5 M3 79.04 V/m	Grid 6 M3 79.01 V/m
Grid 7 M3 84.18 V/m	Grid 8 M3 86.61 V/m	Grid 9 M3 85.79 V/m

Cursor:

Total = 86.61 V/m

E Category: M3

Location: -1, 23, 9.7 mm



0 dB = 86.61 V/m = 38.75 dBV/m