

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 : 23.5 °C

DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 835 MHz; Calibrated: 2021/1/25

- 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 = 124.3 V/m; Power Drift = 0.09 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 115.3 V/m

Average value of Total=(114.7+115.3) / 2 = 115 V/m

PMF scaled E-field

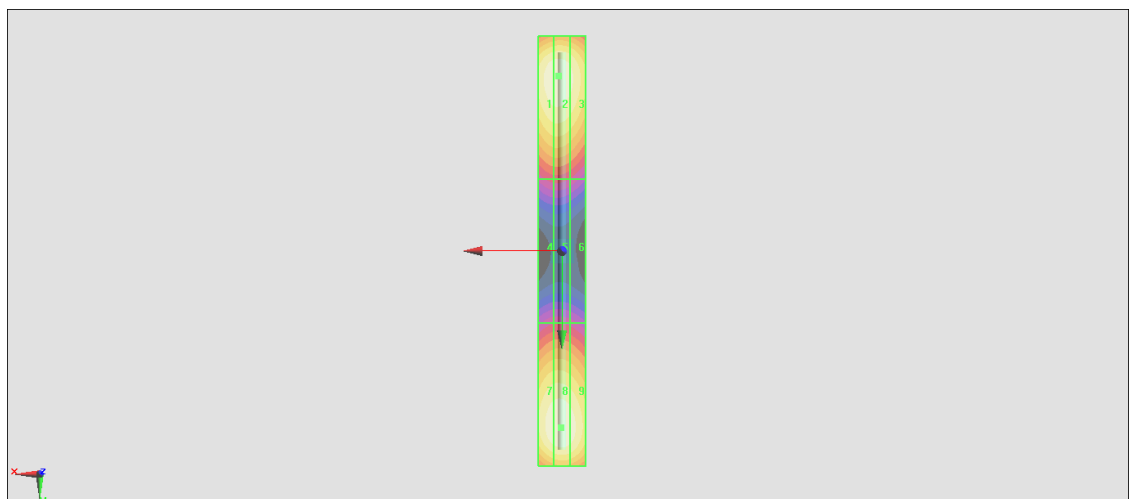
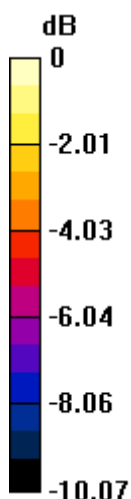
Grid 1 M4 113.6 V/m	Grid 2 M4 114.7 V/m	Grid 3 M4 109.6 V/m
Grid 4 M4 64.55 V/m	Grid 5 M4 64.76 V/m	Grid 6 M4 61.81 V/m
Grid 7 M4 113.2 V/m	Grid 8 M4 115.3 V/m	Grid 9 M4 111.2 V/m

Cursor:

Total = 115.3 V/m

E Category: M4

Location: 0.5, 74, 8.7 mm



0 dB = 115.3 V/m = 41.24 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 : 23.5 °C

DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 2021/1/25
- 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 = 156.9 V/m; Power Drift = 0.06 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 88.62 V/m

Average value of Total = $(88.62 + 87.26) / 2 = 87.94$ V/m

PMF scaled E-field

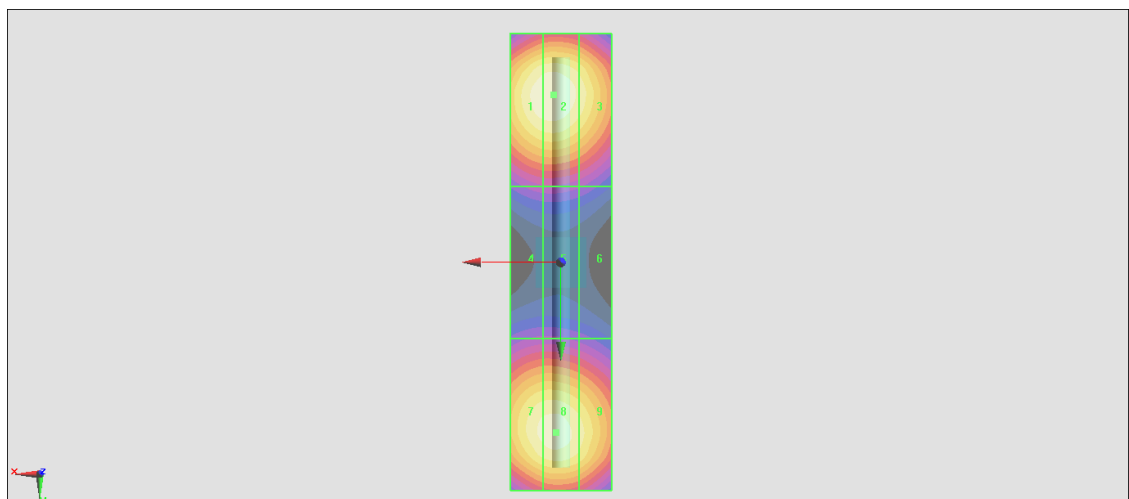
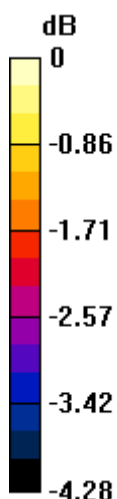
Grid 1 M3 88.16 V/m	Grid 2 M3 88.62 V/m	Grid 3 M3 85.22 V/m
Grid 4 M3 65.65 V/m	Grid 5 M3 65.74 V/m	Grid 6 M3 64.34 V/m
Grid 7 M3 86.54 V/m	Grid 8 M3 87.26 V/m	Grid 9 M3 84.39 V/m

Cursor:

Total = 88.62 V/m

E Category: M3

Location: 1.5, -33, 9.7 mm



0 dB = 88.62 V/m = 39.08 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 : 23.5 °C

DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2450 MHz; Calibrated: 2021/1/25
- 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 = 83.28 V/m; Power Drift = 0.04 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 88.23 V/m

Average value of Total=(86.45+88.23) / 2 = 87.34 V/m

PMF scaled E-field

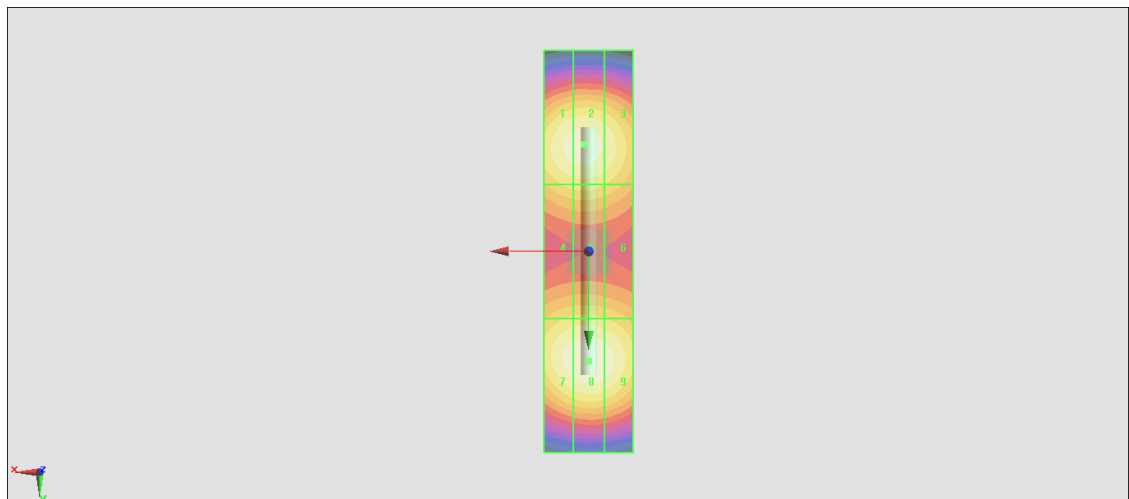
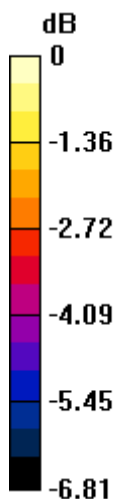
Grid 1 M3 85.61 V/m	Grid 2 M3 86.45 V/m	Grid 3 M3 83.21 V/m
Grid 4 M3 77.11 V/m	Grid 5 M3 77.55 V/m	Grid 6 M3 75.55 V/m
Grid 7 M3 86.32 V/m	Grid 8 M3 88.23 V/m	Grid 9 M3 86.24 V/m

Cursor:

Total = 88.23 V/m

E Category: M3

Location: 0, 24.5, 9.7 mm



0 dB = 88.23 V/m = 38.95 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 : 23.5 °C

DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2600 MHz; Calibrated: 2021/1/25
- 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 = 72.52 V/m; Power Drift = -0.05 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 87.46 V/m

Average value of Total=(87.46+87.41) / 2 = 87.435 V/m

PMF scaled E-field

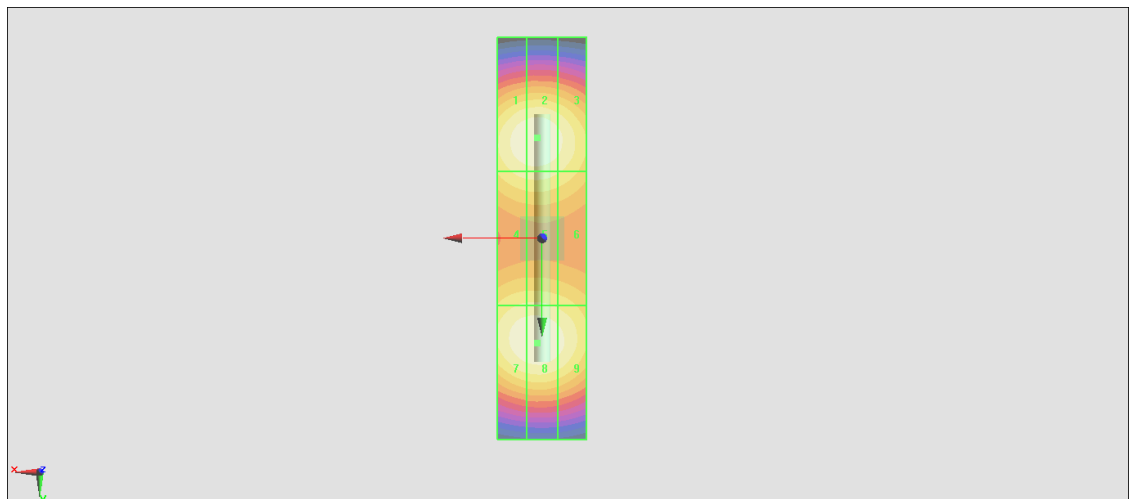
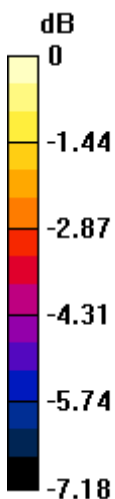
Grid 1 M3 86.72 V/m	Grid 2 M3 87.46 V/m	Grid 3 M3 84.15 V/m
Grid 4 M3 80.81 V/m	Grid 5 M3 81.30 V/m	Grid 6 M3 79.11 V/m
Grid 7 M3 86.70 V/m	Grid 8 M3 87.41 V/m	Grid 9 M3 84.73 V/m

Cursor:

Total = 87.46 V/m

E Category: M3

Location: 1, -22.5, 9.7 mm



0 dB = 87.46 V/m = 38.82 dBV/m

HAC_E_Dipole_3500**DUT: HAC Dipole 3500 MHz**

Communication System: CW; Frequency: 3500 MHz; Duty Cycle: 1:1

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 - SN4047; ConvF(1, 1, 1) @ 3500 MHz; Calibrated: 2021/1/25

- 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 CD3500 = 10mm & 15mm/Hearing Aid Compatibility Test at 15mm distance (41x121x1): Interpolated grid:

$dx=0.5000$ mm, $dy=0.5000$ mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 38.06 V/m; Power Drift = -0.07 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 88.75 V/m

Average value of Total = $(88.75 + 87.31) / 2 = 88.03$ V/m

PMF scaled E-field

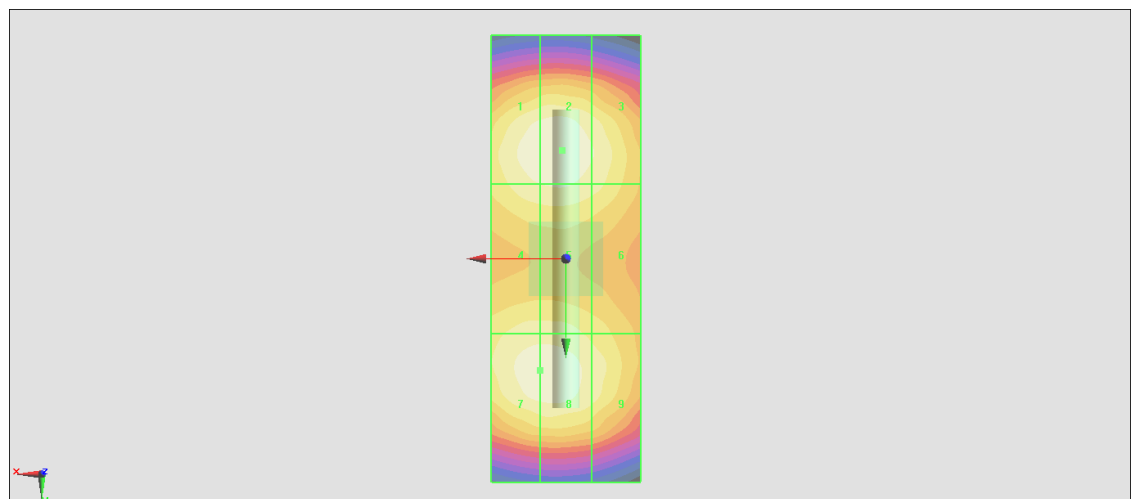
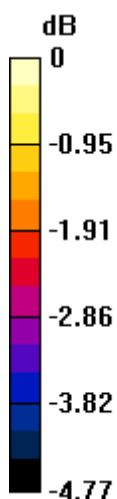
Grid 1 M3 87.74 V/m	Grid 2 M3 88.75 V/m	Grid 3 M3 85.64 V/m
Grid 4 M3 85.31 V/m	Grid 5 M3 85.79 V/m	Grid 6 M3 83.55 V/m
Grid 7 M3 87.33 V/m	Grid 8 M3 87.31 V/m	Grid 9 M3 84.32 V/m

Cursor:

Total = 88.75 V/m

E Category: M3

Location: 0.5, -14.5, 9.7 mm



0 dB = 88.75 V/m = 39.14 dBV/m

HAC_E_Dipole_5500**DUT: HAC Dipole 5500 MHz**

Communication System: CW; Frequency: 5500 MHz; Duty Cycle: 1:1

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 - SN4047; ConvF(1, 1, 1) @ 5500 MHz; Calibrated: 2021/1/25

- 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 CD5500 = 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 = 28.11 V/m; Power Drift = -0.06 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 113.8 V/m

Average value of Total=(90.25+96.93) / 2 = 93.59 V/m

PMF scaled E-field

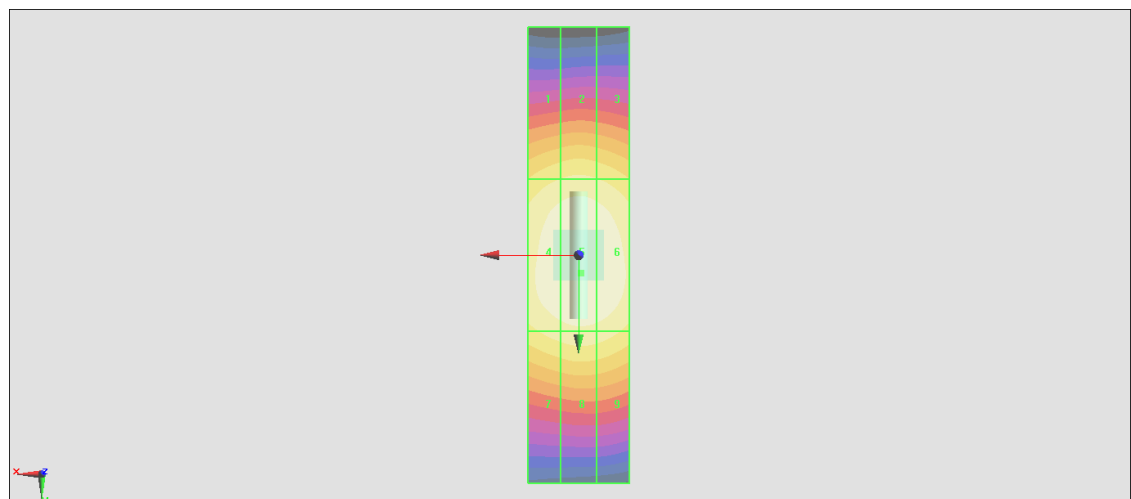
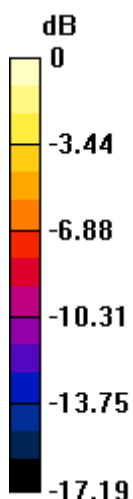
Grid 1 M3 87.85 V/m	Grid 2 M3 90.25 V/m	Grid 3 M3 88.09 V/m
Grid 4 M3 110.1 V/m	Grid 5 M2 113.8 V/m	Grid 6 M3 112.2 V/m
Grid 7 M3 94.24 V/m	Grid 8 M3 96.93 V/m	Grid 9 M3 95.14 V/m

Cursor:

Total = 113.8 V/m

E Category: M2

Location: -0.5, 3.5, 9.7 mm



0 dB = 113.8 V/m = 41.15 dBV/m