

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: 2023/1/17

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn376; Calibrated: 2022/10/19

- 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 = 135.0 V/m; Power Drift = -0.03 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 120.3 V/m

Average value of Total=(120.3+112.6) / 2 = 116.45 V/m

PMF scaled E-field

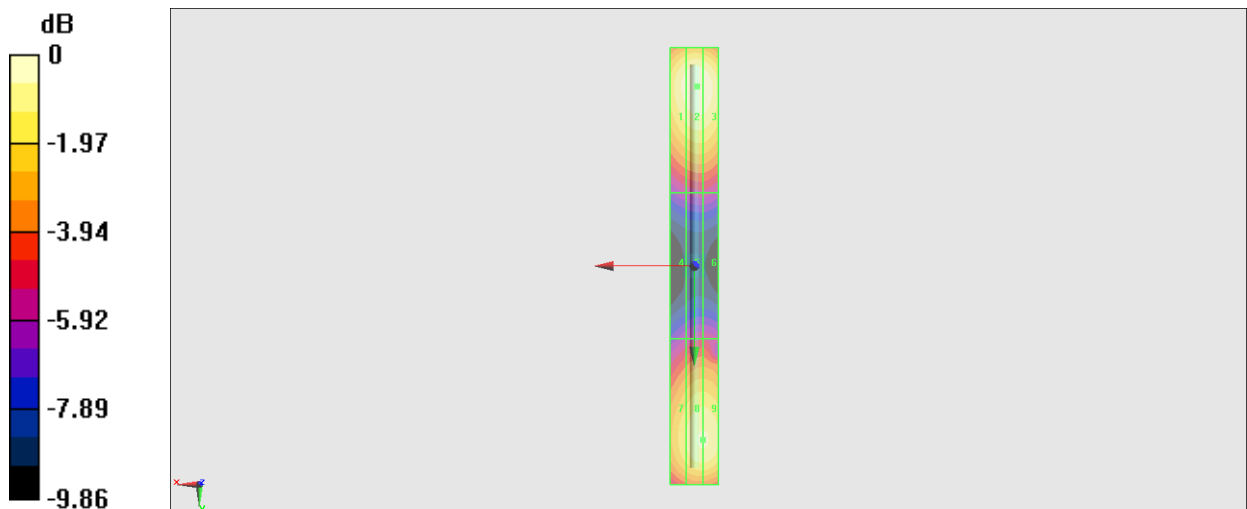
Grid 1 M4 115.9 V/m	Grid 2 M4 120.3 V/m	Grid 3 M4 119.3 V/m
Grid 4 M4 61.63 V/m	Grid 5 M4 65.44 V/m	Grid 6 M4 65.38 V/m
Grid 7 M4 103.8 V/m	Grid 8 M4 112.6 V/m	Grid 9 M4 112.1 V/m

Cursor:

Total = 120.3 V/m

E Category: M4

Location: -1, -74, 9.7 mm



0 dB = 120.3 V/m = 41.61 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: 2023/1/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn376; Calibrated: 2022/10/19
- 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 = 152.2 V/m; Power Drift = -0.01 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 91.61 V/m

Average value of Total=(91.61+88.55) / 2 = 90.08 V/m

PMF scaled E-field

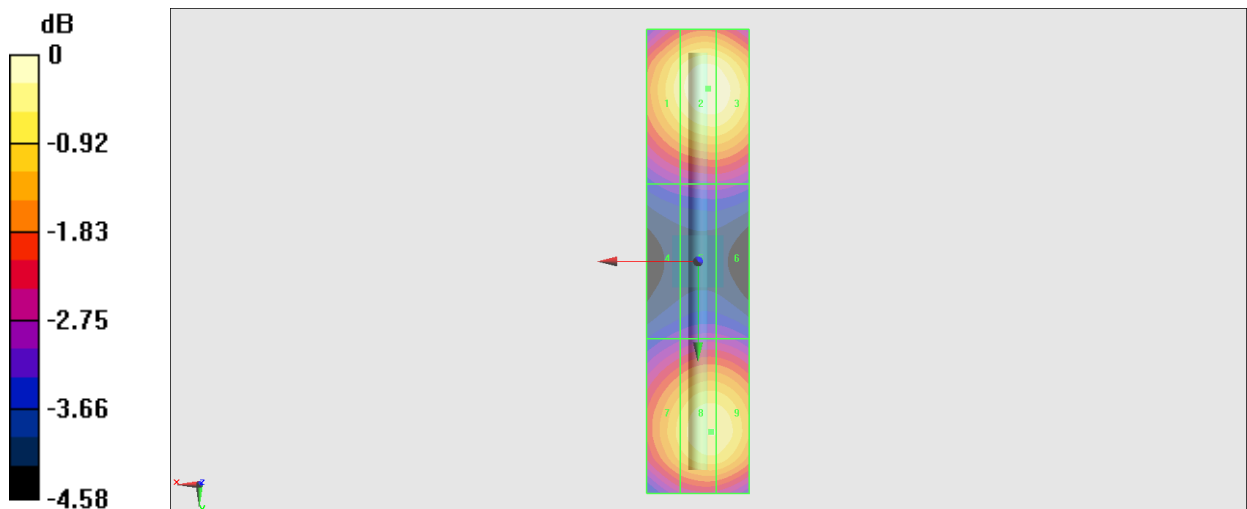
Grid 1 M3 87.40 V/m	Grid 2 M3 91.61 V/m	Grid 3 M3 91.33 V/m
Grid 4 M3 64.79 V/m	Grid 5 M3 66.19 V/m	Grid 6 M3 66.18 V/m
Grid 7 M3 83.72 V/m	Grid 8 M3 88.55 V/m	Grid 9 M3 88.47 V/m

Cursor:

Total = 91.61 V/m

E Category: M3

Location: -2, -33.5, 9.7 mm



0 dB = 91.61 V/m = 39.24 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: 2023/1/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn376; Calibrated: 2022/10/19
- 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 = 83.15 V/m; Power Drift = -0.07 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 88.69 V/m

Average value of Total=(88.69+87.55) / 2 = 88.12 V/m

PMF scaled E-field

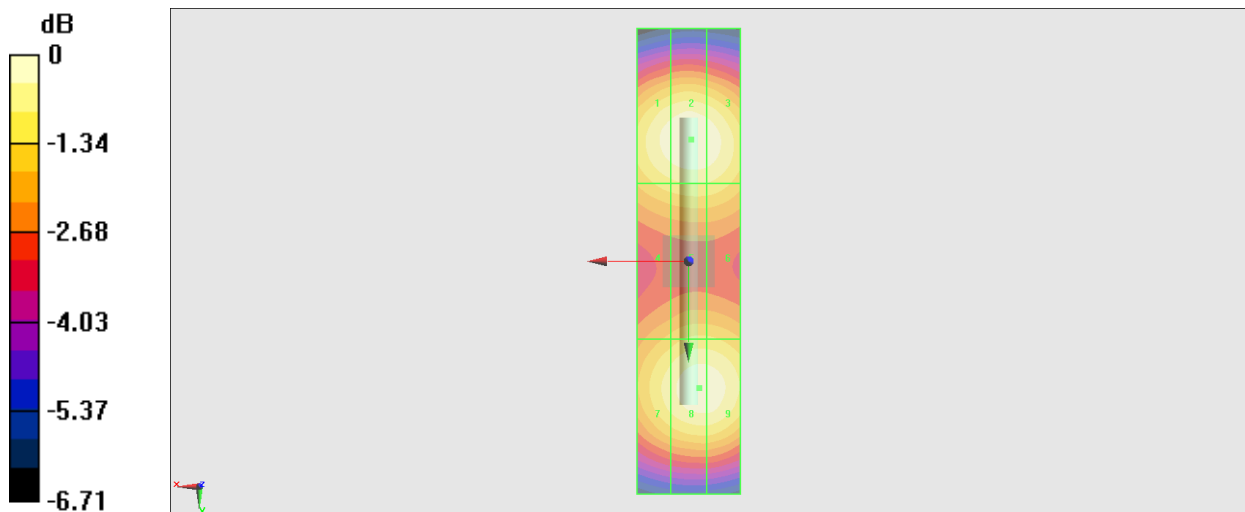
Grid 1 M3 86.70 V/m	Grid 2 M3 88.69 V/m	Grid 3 M3 87.51 V/m
Grid 4 M3 78.63 V/m	Grid 5 M3 80.21 V/m	Grid 6 M3 79.85 V/m
Grid 7 M3 82.73 V/m	Grid 8 M3 87.55 V/m	Grid 9 M3 87.35 V/m

Cursor:

Total = 88.69 V/m

E Category: M3

Location: -0.5, -23.5, 9.7 mm



0 dB = 88.69 V/m = 38.96 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: 2023/1/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn376; Calibrated: 2022/10/19
- 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 = 82.94 V/m; Power Drift = 0.04 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 88.78 V/m

Average value of Total=(88.78+87.24) / 2 = 88.01 V/m

PMF scaled E-field

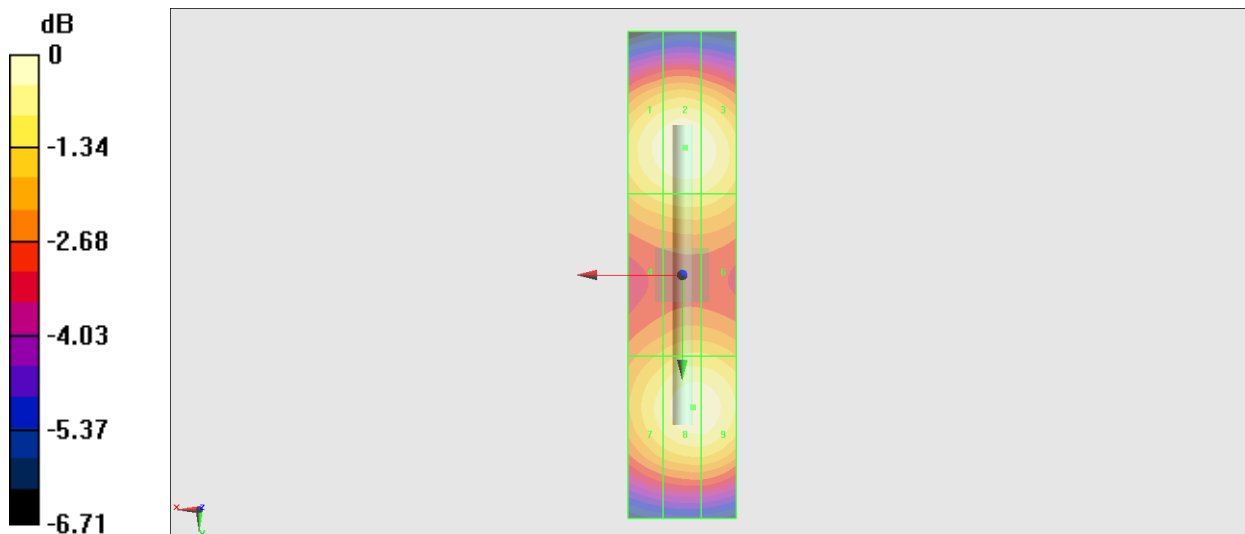
Grid 1 M3 87.24 V/m	Grid 2 M3 88.78 V/m	Grid 3 M3 87.61 V/m
Grid 4 M3 79.57 V/m	Grid 5 M3 80.18 V/m	Grid 6 M3 79.65 V/m
Grid 7 M3 86.53 V/m	Grid 8 M3 87.24 V/m	Grid 9 M3 86.97 V/m

Cursor:

Total = 88.78 V/m

E Category: M3

Location: -0.5, -23.5, 9.7 mm



0 dB = 88.78 V/m = 38.97 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: 2023/1/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn376; Calibrated: 2022/10/19
- 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 = 64.02 V/m; Power Drift = -0.01 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 88.41 V/m

Average value of Total=(88.41+86.77) / 2 = 87.59 V/m

PMF scaled E-field

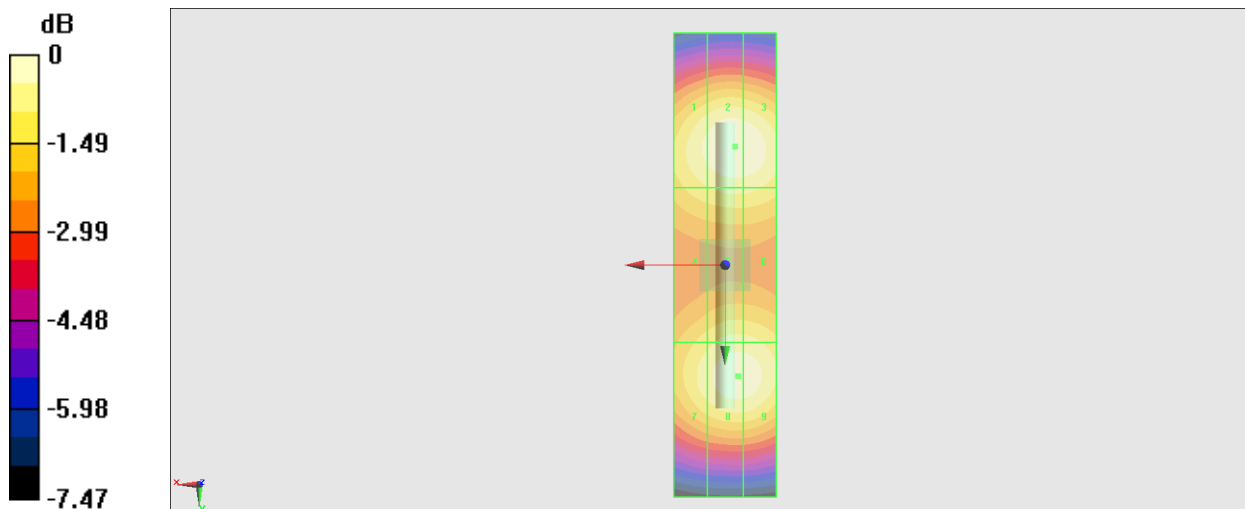
Grid 1 M3 84.74 V/m	Grid 2 M3 88.41 V/m	Grid 3 M3 88.10 V/m
Grid 4 M3 78.55 V/m	Grid 5 M3 81.24 V/m	Grid 6 M3 81.06 V/m
Grid 7 M3 81.89 V/m	Grid 8 M3 86.77 V/m	Grid 9 M3 86.56 V/m

Cursor:

Total = 88.41 V/m

E Category: M3

Location: -2, -23, 9.7 mm



0 dB = 88.41 V/m = 38.93 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: 2023/1/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn376; Calibrated: 2022/10/19
- 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 = 34.08 V/m; Power Drift = -0.01 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 86.23 V/m

Average value of Total=(85.79+86.23) / 2 = 86.01 V/m

PMF scaled E-field

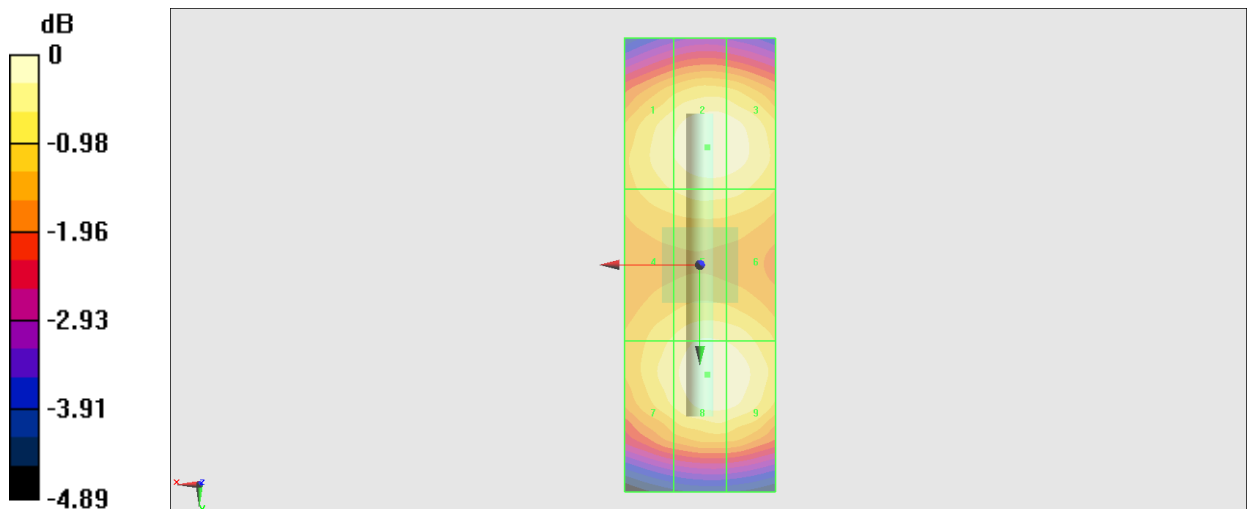
Grid 1 M3 83.14 V/m	Grid 2 M3 85.79 V/m	Grid 3 M3 85.27 V/m
Grid 4 M3 80.52 V/m	Grid 5 M3 83.43 V/m	Grid 6 M3 82.88 V/m
Grid 7 M3 82.39 V/m	Grid 8 M3 86.23 V/m	Grid 9 M3 85.76 V/m

Cursor:

Total = 86.23 V/m

E Category: M3

Location: -1, 14.5, 9.7 mm



0 dB = 86.23 V/m = 38.71 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: 2023/1/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn376; Calibrated: 2022/10/19
- 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 = 29.62 V/m; Power Drift = -0.01 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 110.5 V/m

Average value of Total=(89.98+95.18) / 2 = 92.58 V/m

PMF scaled E-field

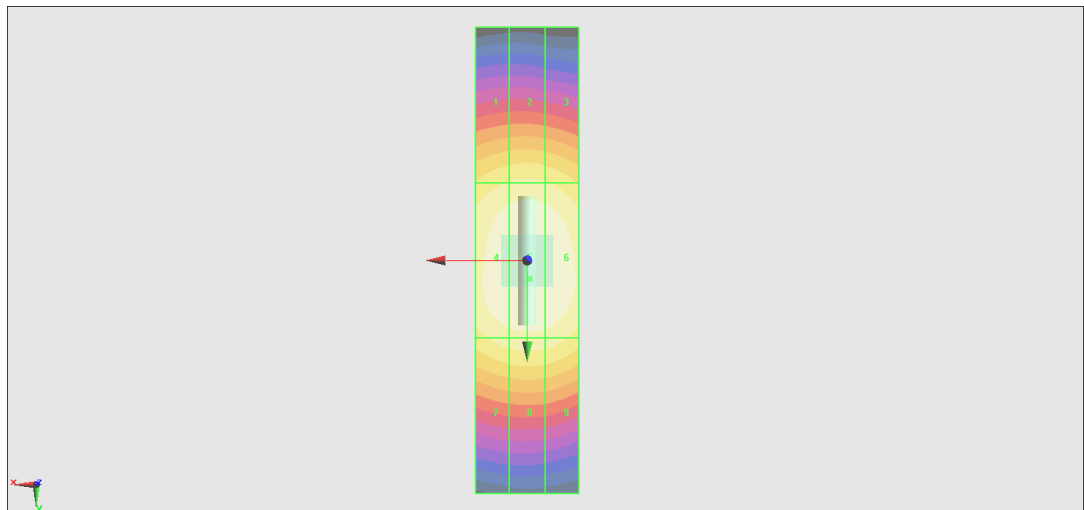
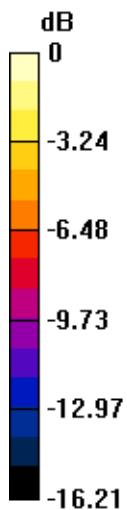
Grid 1 M3 87.91 V/m	Grid 2 M3 89.98 V/m	Grid 3 M3 87.91 V/m
Grid 4 M3 109.3 V/m	Grid 5 M3 112.5 V/m	Grid 6 M3 110.9 V/m
Grid 7 M3 93.37 V/m	Grid 8 M3 95.18 V/m	Grid 9 M3 93.53 V/m

Cursor:

Total = 112.5 V/m

E Category: M3

Location: -0.5, 3.5, 9.7 mm



0 dB = 112.5 V/m = 41.2 dBV/m