

HAC_E_Dipole_835

DUT: HAC-Dipole 835 MHz

Communication System: UID 0, 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 : 23.3 °C;

DASY5 Configuration:

- Probe: EF3DV3 - SN4050; ConvF(1, 1, 1); Calibrated: 2023/1/24
- Electronics: DAE4 Sn1650; Calibrated: 2022/8/5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

E Scan - measurement distance from the probe sensor center to CD835 = 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 = 96.86 V/m; Power Drift = 0.02 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 105.6 V/m

Average value of Total=(105.6+95.68)/2=100.64 V/m

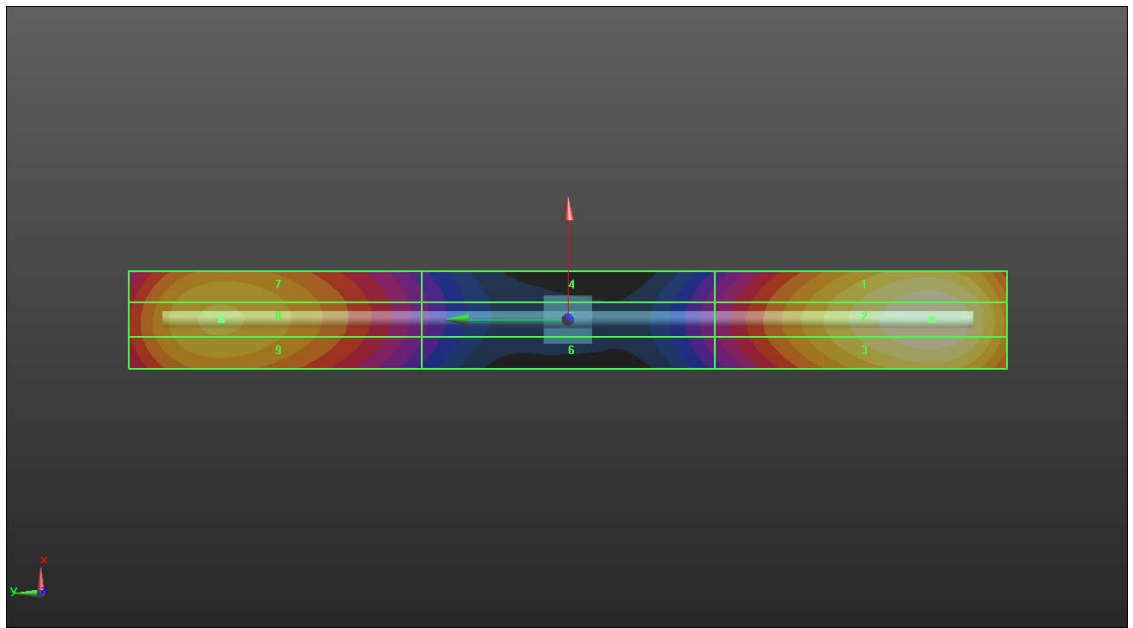
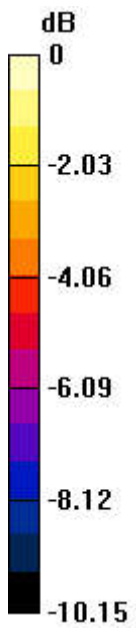
PMF scaled E-field

Grid 1 M4 102.6 V/m	Grid 2 M4 105.6 V/m	Grid 3 M4 103.9 V/m
Grid 4 M4 52.43 V/m	Grid 5 M4 53.47 V/m	Grid 6 M4 51.99 V/m
Grid 7 M4 94.33 V/m	Grid 8 M4 95.68 V/m	Grid 9 M4 89.98 V/m

Total = 105.6 V/m

E Category: M4

Location: 0, -74.5, 9.7 mm



0 dB = 105.6 V/m = 38.38 dBV/m

HAC_E_Dipole_1880

DUT: HAC Dipole 1880 MHz

Communication System: UID 0, CW; Frequency: 1880 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 : 23.3 °C;

DASY5 Configuration:

- Probe: EF3DV3 - SN4050; ConvF(1, 1, 1); Calibrated: 2023/1/24
- Electronics: DAE4 Sn1650; Calibrated: 2022/8/5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

E Scan - measurement distance from the probe sensor center to CD1880 = 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 = 135.9 V/m; Power Drift = 0.05 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 98.45 V/m

Average value of Total=(98.45+92.39)/2=95.42 V/m

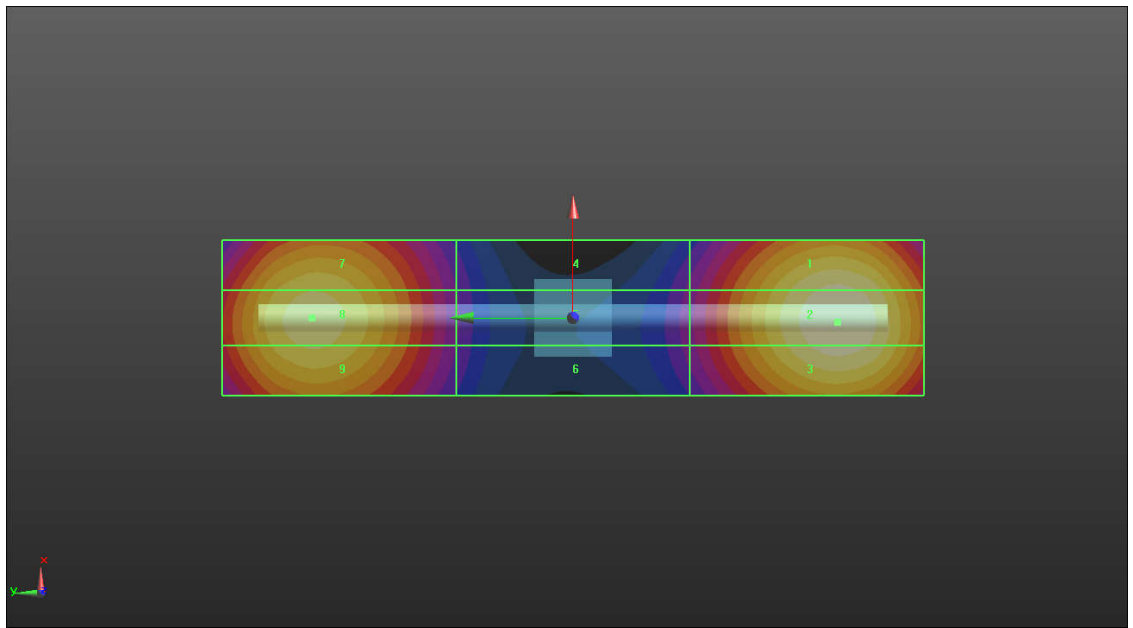
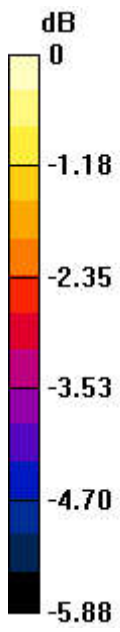
PMF scaled E-field

Grid 1 M3 96.51 V/m	Grid 2 M3 98.45 V/m	Grid 3 M3 96.69 V/m
Grid 4 M3 64.18 V/m	Grid 5 M3 64.44 V/m	Grid 6 M3 64.33 V/m
Grid 7 M3 89.99 V/m	Grid 8 M3 92.39 V/m	Grid 9 M3 91.28 V/m

Total = 98.45 V/m

E Category: M3

Location: -0.5, -34, 8.7 mm



0 dB = 98.45 V/m = 41.68 dBV/m

HAC_E_Dipole_2450

DUT: HAC Dipole 2450 MHz

Communication System: UID 0, CW; Frequency: 2450 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 : 23.3 °C;

DASY5 Configuration:

- Probe: EF3DV3 - SN4050; ConvF(1, 1, 1); Calibrated: 2023/1/24
- Electronics: DAE4 Sn1650; Calibrated: 2022/8/5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

E Scan - measurement distance from the probe sensor center to CD2450 = 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 = 82.08 V/m; Power Drift = 0.02 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 97.53 V/m

Average value of Total=(97.53+92.17)/2=94.85 V/m

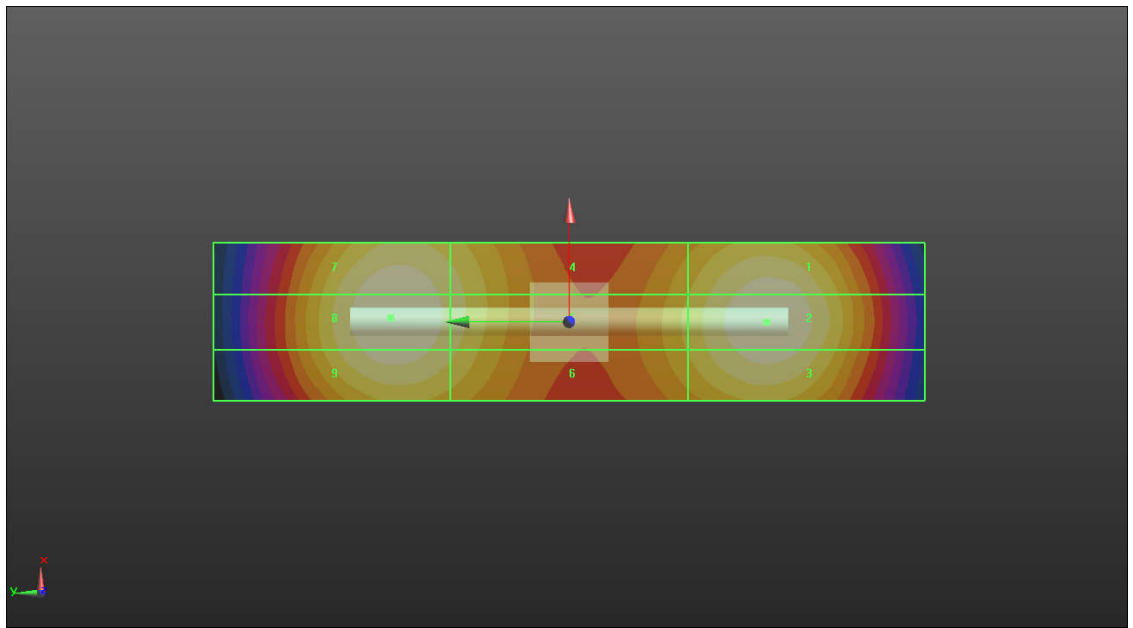
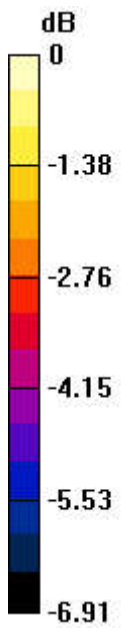
PMF scaled E-field

Grid 1 M3 92.16 V/m	Grid 2 M3 97.53 V/m	Grid 3 M3 91.62 V/m
Grid 4 M3 88.25 V/m	Grid 5 M3 89.51 V/m	Grid 6 M3 85.72 V/m
Grid 7 M3 89.93 V/m	Grid 8 M3 92.17 V/m	Grid 9 M3 89.59 V/m

Total = 97.53 V/m

E Category: M3

Location: 0.5, 22.5, 9.7 mm



0 dB = 97.53 V/m = 49.59 dBV/m

HAC_E_Dipole_2600

DUT: HAC Dipole 2600 MHz

Communication System: UID 0, CW (0); 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 : 23.3 °C;

DASY5 Configuration:

- Probe: EF3DV3 - SN4050; ConvF(1, 1, 1); Calibrated: 2023/1/24
- Electronics: DAE4 Sn1650; Calibrated: 2022/8/5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

E Scan - measurement distance from the probe sensor center to CD2600 = 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 = 79.43 V/m; Power Drift = 0.01 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 96.55 V/m

Average value of Total=(96.55+93.59)/2=95.07 V/m

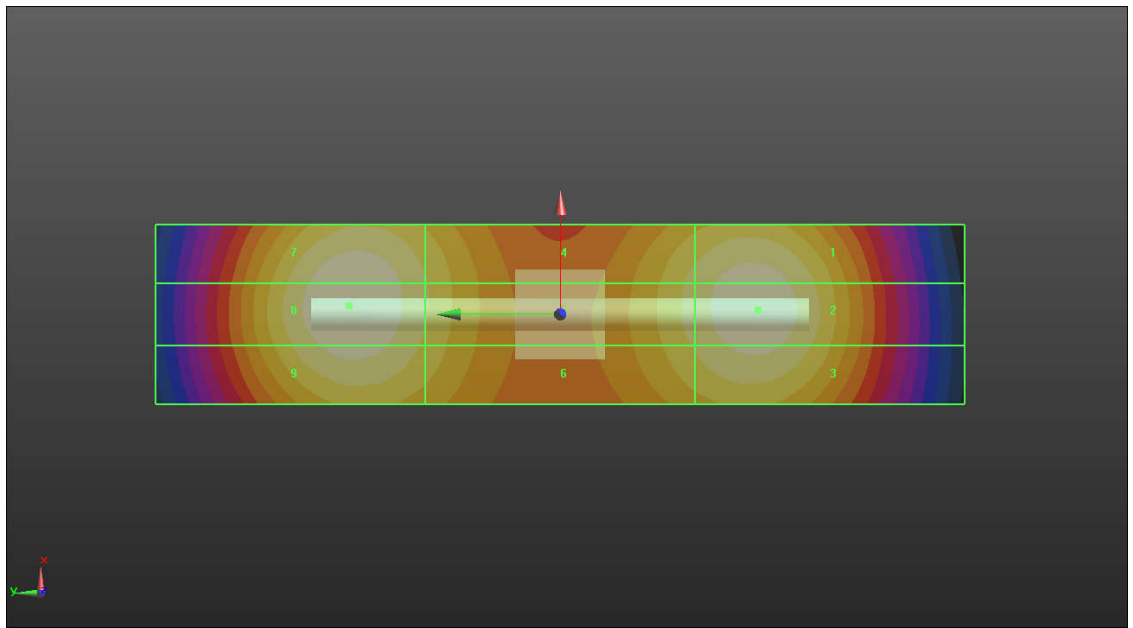
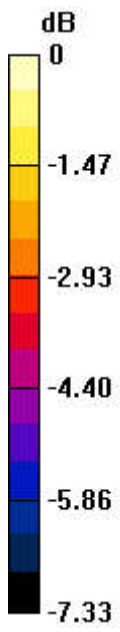
PMF scaled E-field

Grid 1 M3 93.42 V/m	Grid 2 M3 96.55 V/m	Grid 3 M3 94.27 V/m
Grid 4 M3 88.59 V/m	Grid 5 M3 89.75V/m	Grid 6 M3 86.38 V/m
Grid 7 M3 91.81 V/m	Grid 8 M3 93.59 V/m	Grid 9 M3 92.72 V/m

Total = 96.55 V/m

E Category: M3

Location: 1, 23.5, 9.7 mm



0 dB = 96.55 V/m = 41.62 dBV/m

HAC_E_Dipole_3500

DUT: HAC Dipole 3500 MHz

Communication System: UID 0, CW (0); 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 : 23.3 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4050; ConvF(1, 1, 1); Calibrated: 2023/1/24
- Electronics: DAE4 Sn1650; Calibrated: 2022/8/5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

E Scan - measurement distance from the probe sensor center to CD3500 = 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 = 37.48 V/m; Power Drift = -0.01 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 87.45 V/m

Average value of Total=(87.45+86.97)/2=87.21 V/m

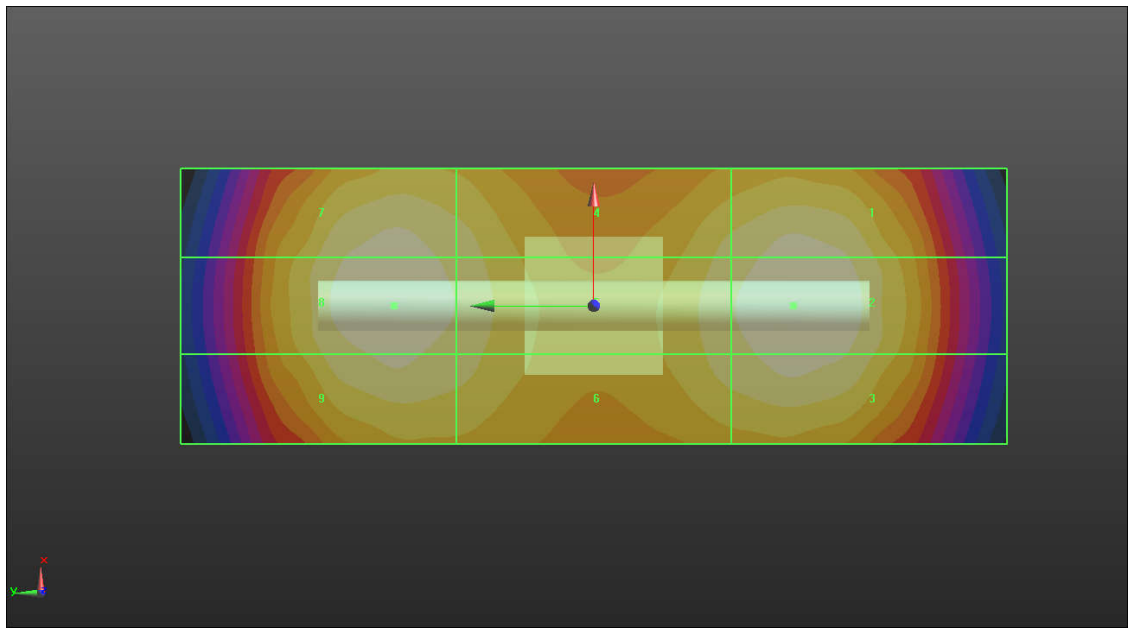
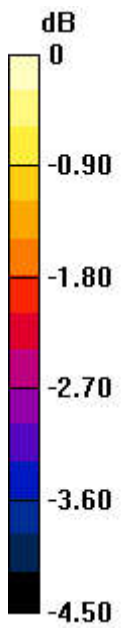
PMF scaled E-field

Grid 1 M3 85.59 V/m	Grid 2 M3 87.45 V/m	Grid 3 M3 86.39 V/m
Grid 4 M3 81.85 V/m	Grid 5 M3 82.42 V/m	Grid 6 M3 81.28 V/m
Grid 7 M3 82.99 V/m	Grid 8 M3 86.97 V/m	Grid 9 M3 84.35 V/m

Total = 87.45 V/m

E Category: M3

Location: 0, -14.5, 9.7 mm



0 dB = 87.45 V/m = 38.98 dBV/m

HAC_E_Dipole_5500

DUT: HAC Dipole 5500 MHz

Communication System: UID 0, CW (0); 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 : 23.3 °C;

DASY5 Configuration:

- Probe: EF3DV3 - SN4050; ConvF(1, 1, 1); Calibrated: 2023/1/24
- Electronics: DAE4 Sn1650; Calibrated: 2022/8/5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

E Scan - measurement distance from the probe sensor center to CD5500 = 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 = 31.63 V/m; Power Drift = -0.02 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 104.9 V/m

Average value of Total=(102.8+101.6)/2=102.2 V/m

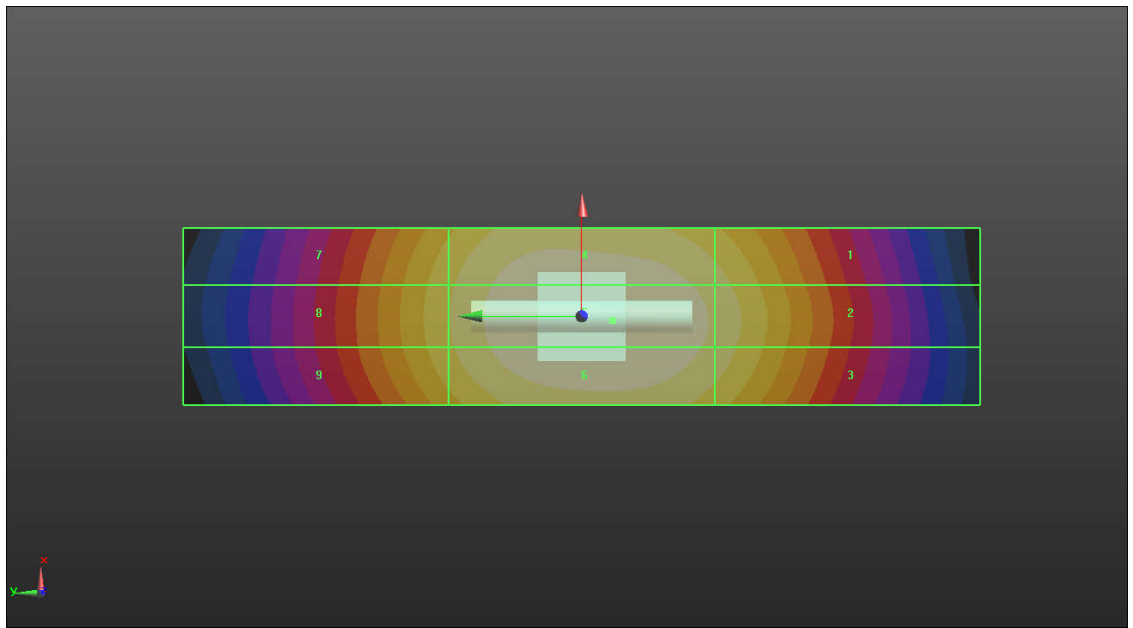
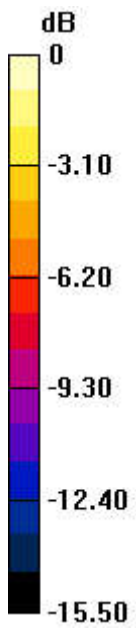
PMF scaled E-field

Grid 1 M3 93.55 V/m	Grid 2 M3 93.99 V/m	Grid 3 M3 92.28 V/m
Grid 4 M3 102.8 V/m	Grid 5 M3 104.9 V/m	Grid 6 M3 101.6 V/m
Grid 7 M3 86.28 V/m	Grid 8 M3 93.47 V/m	Grid 9 M3 86.94 V/m

Total = 104.9 V/m

E Category: M3

Location: -0.5, -3.5, 8.7 mm



0 dB = 104.9 V/m = 42.27 dBV/m

HAC_E_Dipole_3500

DUT: HAC Dipole 3500 MHz

Communication System: UID 0, CW (0); 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 : 23.3 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4050; ConvF(1, 1, 1); Calibrated: 2023/1/24
- Electronics: DAE4 Sn1650; Calibrated: 2022/8/5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

E Scan - measurement distance from the probe sensor center to CD3500 = 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 = 37.74 V/m; Power Drift = -0.01 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 88.05 V/m

Average value of Total=(88.05+87.57)/2=87.81 V/m

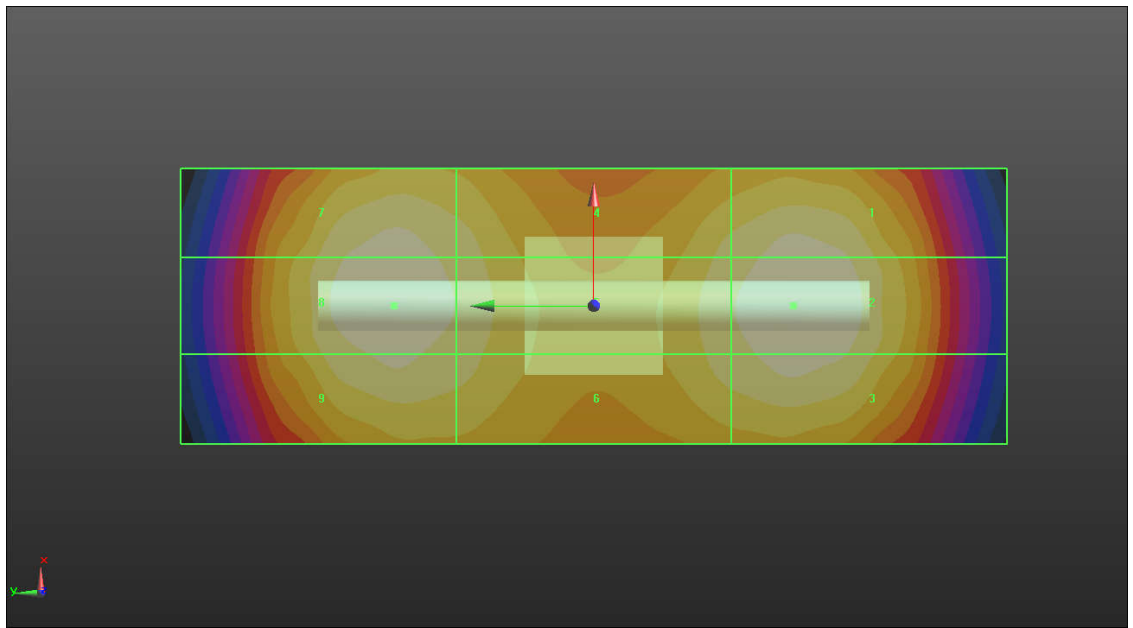
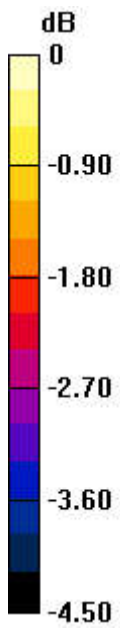
PMF scaled E-field

Grid 1 M3 86.18 V/m	Grid 2 M3 88.05 V/m	Grid 3 M3 86.99 V/m
Grid 4 M3 82.42 V/m	Grid 5 M3 82.99 V/m	Grid 6 M3 81.84 V/m
Grid 7 M3 83.56 V/m	Grid 8 M3 87.57 V/m	Grid 9 M3 84.93 V/m

Total = 88.05 V/m

E Category: M3

Location: 0, -14.5, 9.7 mm



0 dB = 88.05 V/m = 39.25 dBV/m