

HAC\_E\_Dipole\_835

DUT: HAC-Dipole 835 MHz

Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1  
Medium: Air Medium parameters used:  $\sigma = 0 \text{ S/m}$ ,  $\epsilon_r = 1$ ;  $\rho = 0 \text{ kg/m}^3$   
Ambient Temperature : 23.5 °C

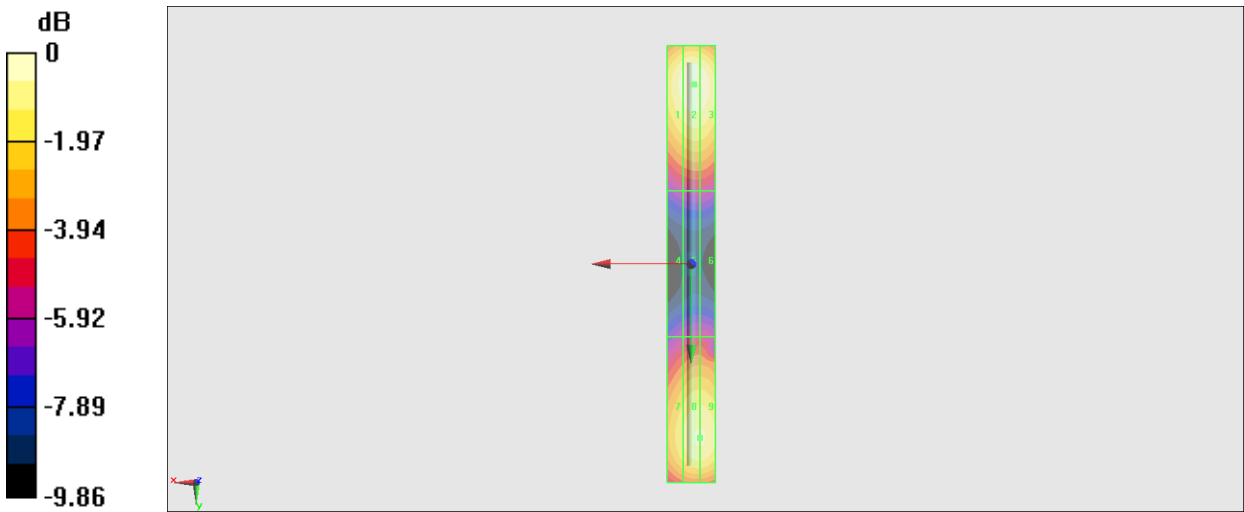
- DASY5 Configuration:
- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 835 MHz; Calibrated: 2023/1/17
  - Sensor-Surface: (Fix Surface)
  - Electronics: DAE4 Sn376; Calibrated: 2022/10/19
  - Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
  - Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 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 <b>M4</b><br><b>115.9 V/m</b> | Grid 2 <b>M4</b><br><b>120.3 V/m</b> | Grid 3 <b>M4</b><br><b>119.3 V/m</b> |
| Grid 4 <b>M4</b><br><b>61.63 V/m</b> | Grid 5 <b>M4</b><br><b>65.44 V/m</b> | Grid 6 <b>M4</b><br><b>65.38 V/m</b> |
| Grid 7 <b>M4</b><br><b>103.8 V/m</b> | Grid 8 <b>M4</b><br><b>112.6 V/m</b> | Grid 9 <b>M4</b><br><b>112.1 V/m</b> |

**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:  $\sigma = 0 \text{ S/m}$ ,  $\epsilon_r = 1$ ;  $\rho = 0 \text{ kg/m}^3$   
Ambient Temperature : 23.5 °C

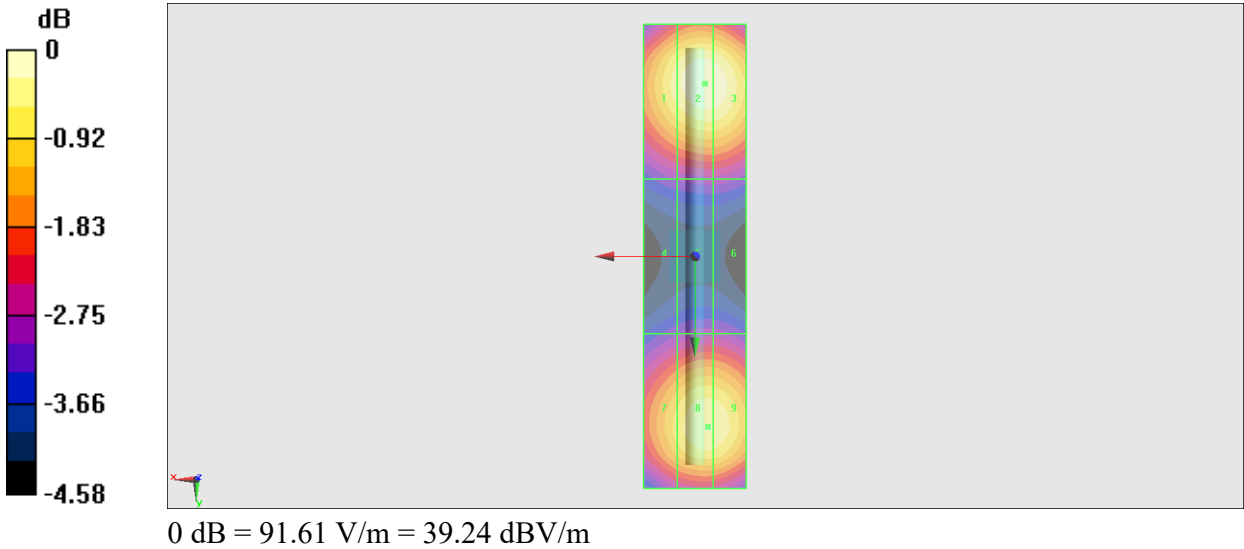
- DASY5 Configuration:
- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 2023/1/17
  - Sensor-Surface: (Fix Surface)
  - Electronics: DAE4 Sn376; Calibrated: 2022/10/19
  - Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
  - Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 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 <b>M3</b><br><b>87.40 V/m</b> | Grid 2 <b>M3</b><br><b>91.61 V/m</b> | Grid 3 <b>M3</b><br><b>91.33 V/m</b> |
| Grid 4 <b>M3</b><br><b>64.79 V/m</b> | Grid 5 <b>M3</b><br><b>66.19 V/m</b> | Grid 6 <b>M3</b><br><b>66.18 V/m</b> |
| Grid 7 <b>M3</b><br><b>83.72 V/m</b> | Grid 8 <b>M3</b><br><b>88.55 V/m</b> | Grid 9 <b>M3</b><br><b>88.47 V/m</b> |

**Cursor:**  
Total = 91.61 V/m  
E Category: M3  
Location: -2, -33.5, 9.7 mm



**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/m<sup>3</sup>

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

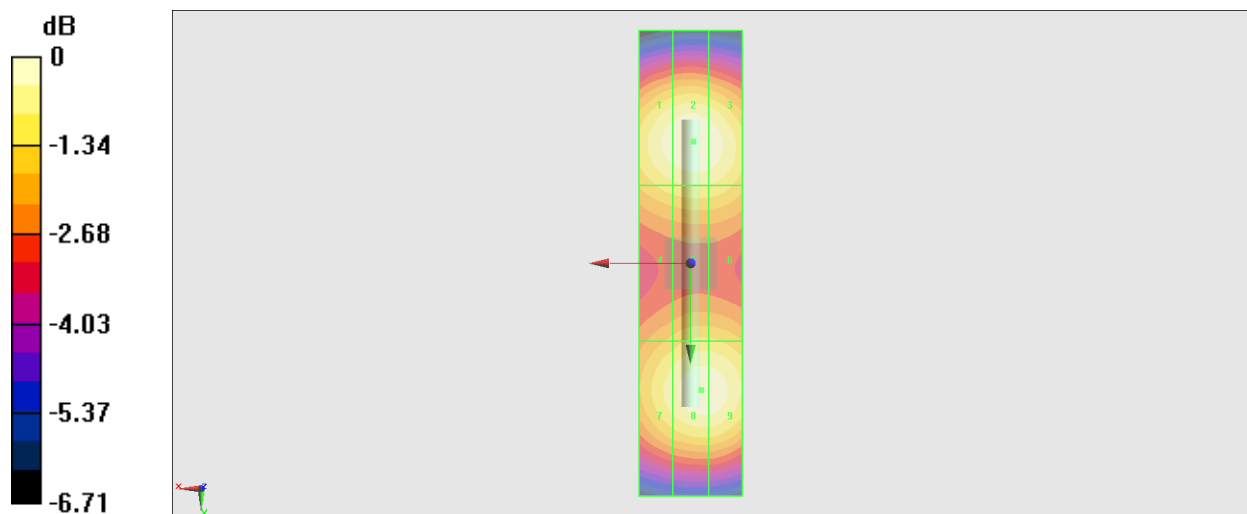
|                                      |                                      |                                      |
|--------------------------------------|--------------------------------------|--------------------------------------|
| Grid 1 <b>M3</b><br><b>86.70 V/m</b> | Grid 2 <b>M3</b><br><b>88.69 V/m</b> | Grid 3 <b>M3</b><br><b>87.51 V/m</b> |
| Grid 4 <b>M3</b><br><b>78.63 V/m</b> | Grid 5 <b>M3</b><br><b>80.21 V/m</b> | Grid 6 <b>M3</b><br><b>79.85 V/m</b> |
| Grid 7 <b>M3</b><br><b>82.73 V/m</b> | Grid 8 <b>M3</b><br><b>87.55 V/m</b> | Grid 9 <b>M3</b><br><b>87.35 V/m</b> |

**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/m<sup>3</sup>

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

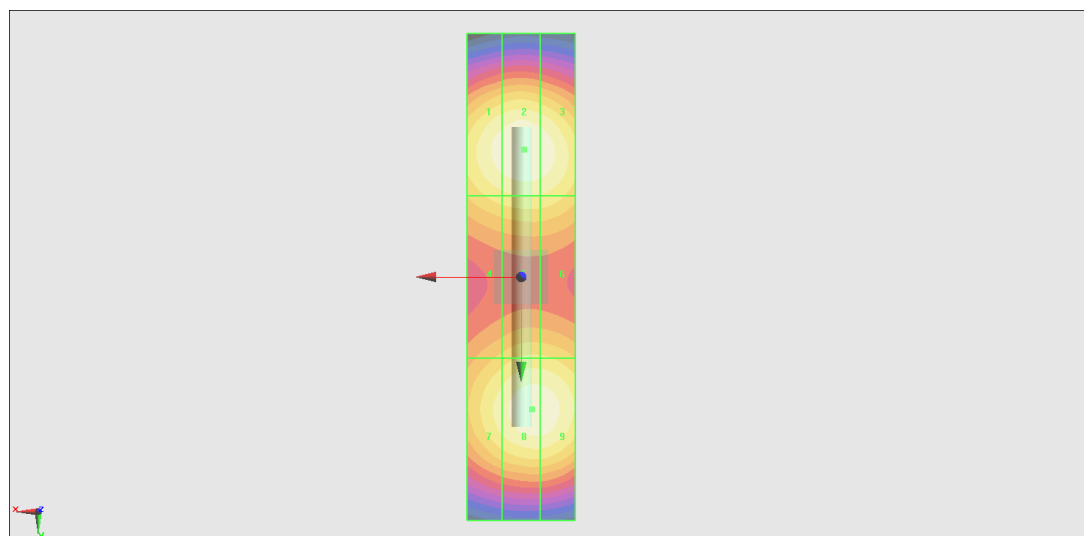
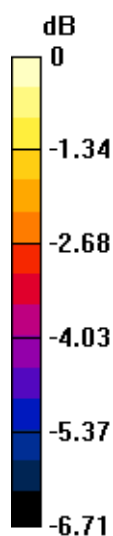
|                                      |                                      |                                      |
|--------------------------------------|--------------------------------------|--------------------------------------|
| Grid 1 <b>M3</b><br><b>87.24 V/m</b> | Grid 2 <b>M3</b><br><b>88.78 V/m</b> | Grid 3 <b>M3</b><br><b>87.61 V/m</b> |
| Grid 4 <b>M3</b><br><b>79.57 V/m</b> | Grid 5 <b>M3</b><br><b>80.18 V/m</b> | Grid 6 <b>M3</b><br><b>79.65 V/m</b> |
| Grid 7 <b>M3</b><br><b>86.53 V/m</b> | Grid 8 <b>M3</b><br><b>87.24 V/m</b> | Grid 9 <b>M3</b><br><b>86.97 V/m</b> |

**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:  $\sigma = 0 \text{ S/m}$ ,  $\epsilon_r = 1$ ;  $\rho = 0 \text{ kg/m}^3$   
Ambient Temperature : 23.5 °C

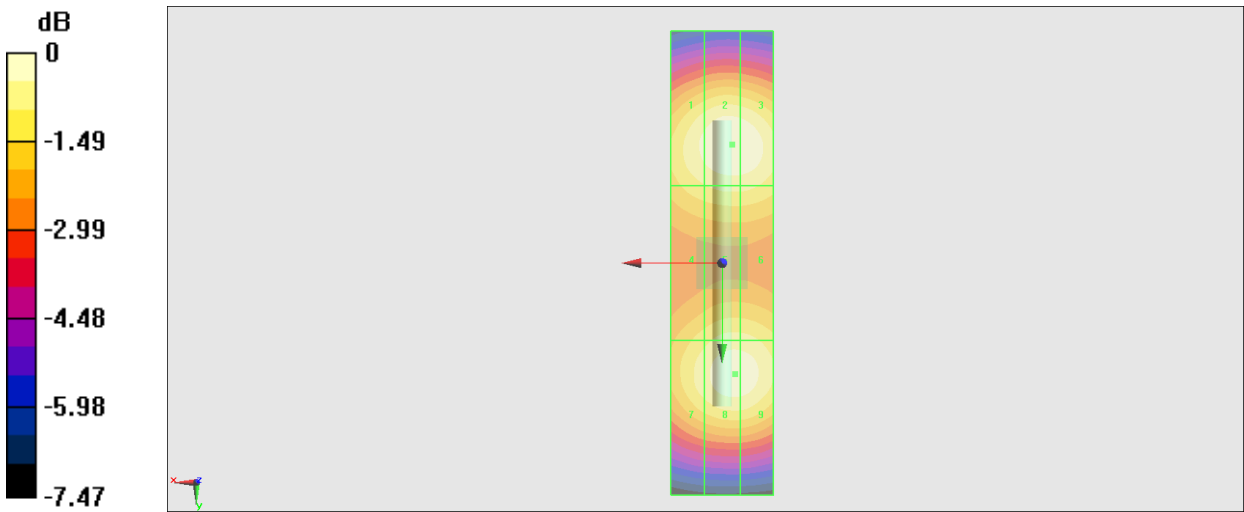
- DASY5 Configuration:
- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2600 MHz; Calibrated: 2023/1/17
  - Sensor-Surface: (Fix Surface)
  - Electronics: DAE4 Sn376; Calibrated: 2022/10/19
  - Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
  - Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 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 <b>M3</b><br><b>84.74 V/m</b> | Grid 2 <b>M3</b><br><b>88.41 V/m</b> | Grid 3 <b>M3</b><br><b>88.10 V/m</b> |
| Grid 4 <b>M3</b><br><b>78.55 V/m</b> | Grid 5 <b>M3</b><br><b>81.24 V/m</b> | Grid 6 <b>M3</b><br><b>81.06 V/m</b> |
| Grid 7 <b>M3</b><br><b>81.89 V/m</b> | Grid 8 <b>M3</b><br><b>86.77 V/m</b> | Grid 9 <b>M3</b><br><b>86.56 V/m</b> |

**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/m<sup>3</sup>

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

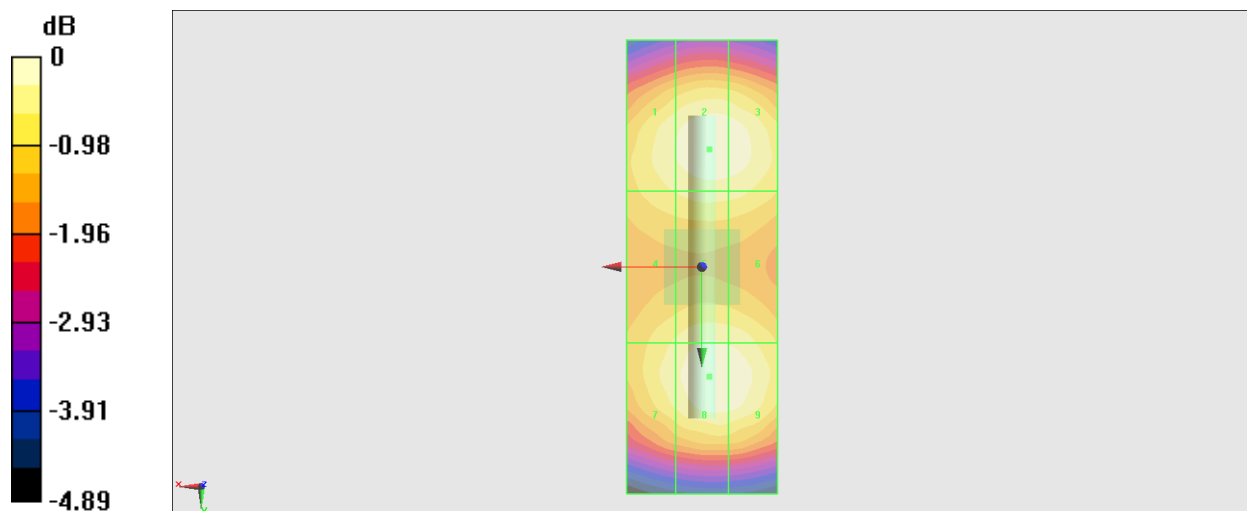
|                                      |                                      |                                      |
|--------------------------------------|--------------------------------------|--------------------------------------|
| Grid 1 <b>M3</b><br><b>83.14 V/m</b> | Grid 2 <b>M3</b><br><b>85.79 V/m</b> | Grid 3 <b>M3</b><br><b>85.27 V/m</b> |
| Grid 4 <b>M3</b><br><b>80.52 V/m</b> | Grid 5 <b>M3</b><br><b>83.43 V/m</b> | Grid 6 <b>M3</b><br><b>82.88 V/m</b> |
| Grid 7 <b>M3</b><br><b>82.39 V/m</b> | Grid 8 <b>M3</b><br><b>86.23 V/m</b> | Grid 9 <b>M3</b><br><b>85.76 V/m</b> |

**Cursor:**

Total = 86.23 V/m

E Category: M3

Location: -1, 14.5, 9.7 mm



## 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/m<sup>3</sup>

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 <b>M3</b><br><b>87.91 V/m</b> | Grid 2 <b>M3</b><br><b>89.98 V/m</b> | Grid 3 <b>M3</b><br><b>87.91 V/m</b> |
| Grid 4 <b>M3</b><br><b>109.3 V/m</b> | Grid 5 <b>M3</b><br><b>112.5 V/m</b> | Grid 6 <b>M3</b><br><b>110.9 V/m</b> |
| Grid 7 <b>M3</b><br><b>93.37 V/m</b> | Grid 8 <b>M3</b><br><b>95.18 V/m</b> | Grid 9 <b>M3</b><br><b>93.53 V/m</b> |

**Cursor:**

Total = 112.5 V/m

E Category: M3

Location: -0.5, 3.5, 9.7 mm

