

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

Ambient Temperature : 23.5 °C

**DASY5 Configuration**

- Probe: ER3DV6 - SN2526; ConvF(1, 1, 1) @ 835 MHz; Calibrated: 2022/3/28
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29
- 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 = 122.6 V/m; Power Drift = -0.01 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 107.1 V/m

Average value of Total=(107.1+106.9) / 2 = 107 V/m

**PMF scaled E-field**

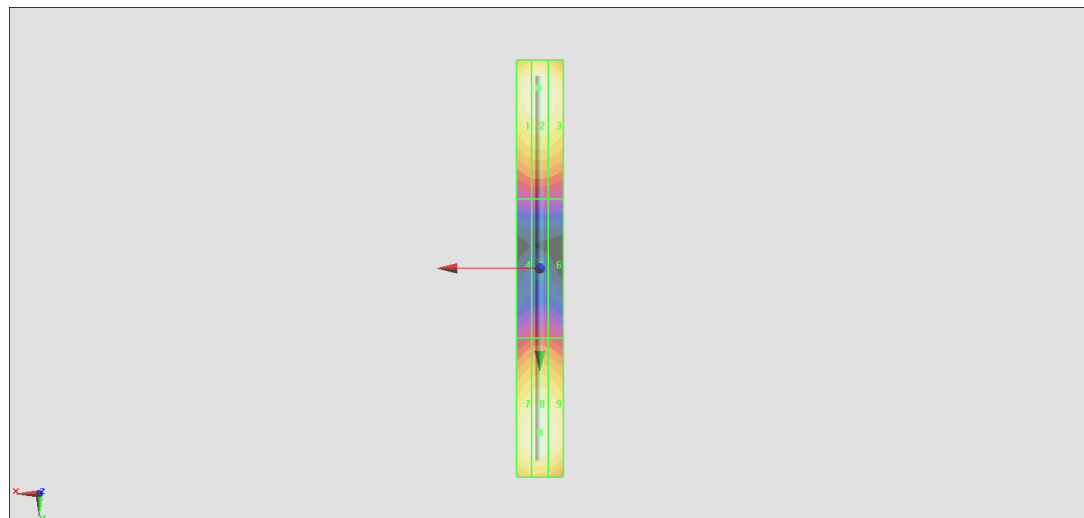
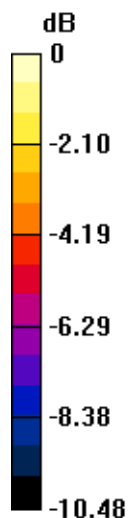
|                                      |                                      |                                      |
|--------------------------------------|--------------------------------------|--------------------------------------|
| Grid 1 <b>M4</b><br><b>105.5 V/m</b> | Grid 2 <b>M4</b><br><b>107.1 V/m</b> | Grid 3 <b>M4</b><br><b>104.7 V/m</b> |
| Grid 4 <b>M4</b><br><b>60.50 V/m</b> | Grid 5 <b>M4</b><br><b>61.68 V/m</b> | Grid 6 <b>M4</b><br><b>60.79 V/m</b> |
| Grid 7 <b>M4</b><br><b>105.5 V/m</b> | Grid 8 <b>M4</b><br><b>106.9 V/m</b> | Grid 9 <b>M4</b><br><b>105.2 V/m</b> |

**Cursor:**

Total = 107.1 V/m

E Category: M4

Location: 0.5, -78, 9.7 mm



0 dB = 107.1 V/m = 40.60 dBV/m

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

Ambient Temperature : 23.5 °C

**DASY5 Configuration**

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 835 MHz; Calibrated: 2022/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29
- 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 = 130.0 V/m; Power Drift = -0.04 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 122.2 V/m

Average value of Total=(122.2+105.3) / 2 = 113.75 V/m

**PMF scaled E-field**

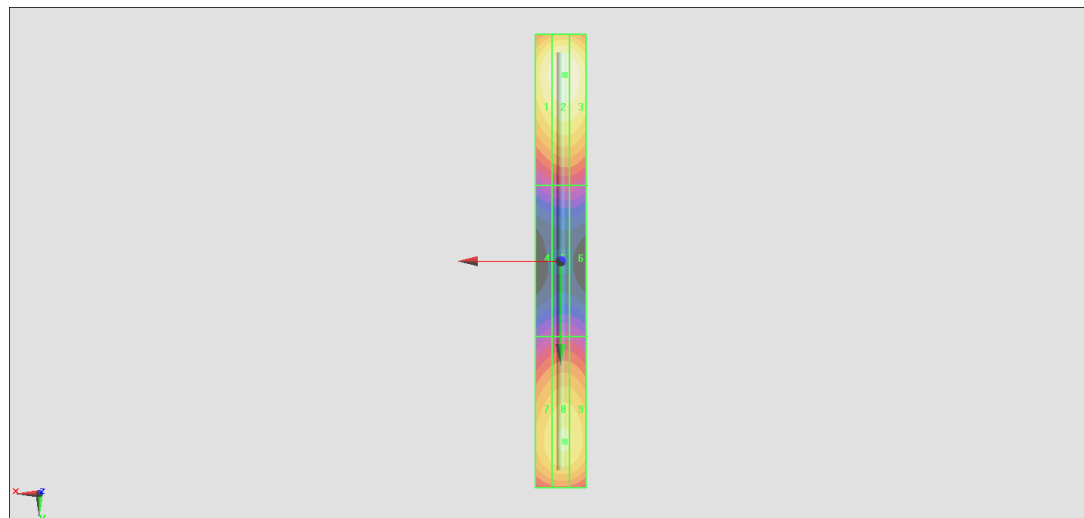
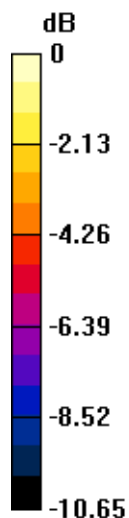
|                                      |                                      |                                      |
|--------------------------------------|--------------------------------------|--------------------------------------|
| Grid 1 <b>M4</b><br><b>116.7 V/m</b> | Grid 2 <b>M4</b><br><b>122.2 V/m</b> | Grid 3 <b>M4</b><br><b>121.2 V/m</b> |
| Grid 4 <b>M4</b><br><b>60.60 V/m</b> | Grid 5 <b>M4</b><br><b>63.17 V/m</b> | Grid 6 <b>M4</b><br><b>63.12 V/m</b> |
| Grid 7 <b>M4</b><br><b>101.3 V/m</b> | Grid 8 <b>M4</b><br><b>105.3 V/m</b> | Grid 9 <b>M4</b><br><b>104.6 V/m</b> |

**Cursor:**

Total = 122.2 V/m

E Category: M4

Location: -1.5, -74, 9.7 mm



0 dB = 122.2 V/m = 41.74 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/m<sup>3</sup>

Ambient Temperature : 23.5 °C

**DASY5 Configuration**

- Probe: ER3DV6 - SN2526; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 2022/3/28

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29

- 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 = 136.8 V/m; Power Drift = 0.14 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 88.21 V/m

Average value of Total=(86.96+88.21) / 2 = 87.585 V/m

**PMF scaled E-field**

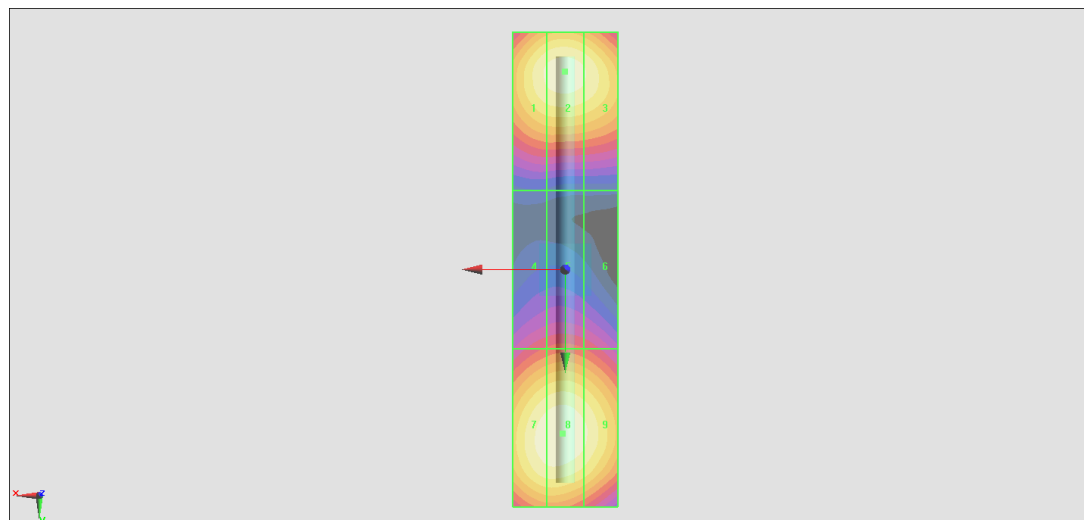
|                                      |                                      |                                      |
|--------------------------------------|--------------------------------------|--------------------------------------|
| Grid 1 <b>M3</b><br><b>85.52 V/m</b> | Grid 2 <b>M3</b><br><b>86.96 V/m</b> | Grid 3 <b>M3</b><br><b>85.30 V/m</b> |
| Grid 4 <b>M3</b><br><b>67.66 V/m</b> | Grid 5 <b>M3</b><br><b>68.73 V/m</b> | Grid 6 <b>M3</b><br><b>67.37 V/m</b> |
| Grid 7 <b>M3</b><br><b>87.35 V/m</b> | Grid 8 <b>M3</b><br><b>88.21 V/m</b> | Grid 9 <b>M3</b><br><b>85.68 V/m</b> |

**Cursor:**

Total = 88.21 V/m

E Category: M3

Location: 0.5, 31, 9.7 mm



0 dB = 88.21 V/m = 38.91 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/m<sup>3</sup>

Ambient Temperature : 23.5 °C

**DASY5 Configuration**

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 2022/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29
- 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 = 172.0 V/m; Power Drift = 0.03 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 92.68 V/m

Average value of Total=(89.63+92.68) / 2 = 91.155 V/m

**PMF scaled E-field**

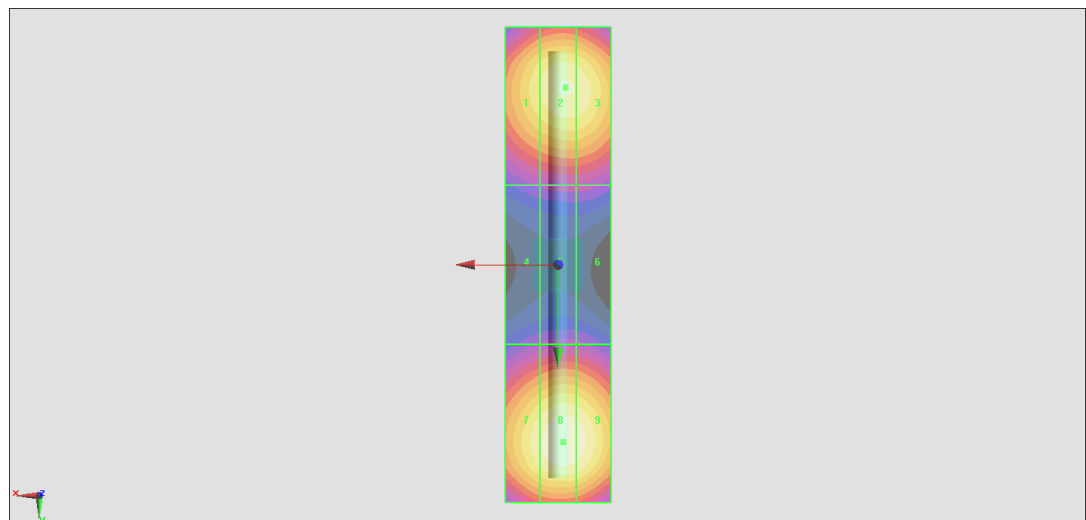
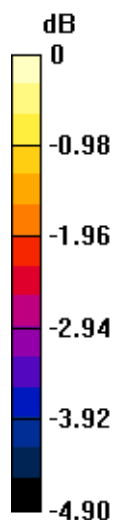
|                                      |                                      |                                      |
|--------------------------------------|--------------------------------------|--------------------------------------|
| Grid 1 <b>M3</b><br><b>86.05 V/m</b> | Grid 2 <b>M3</b><br><b>89.63 V/m</b> | Grid 3 <b>M3</b><br><b>89.13 V/m</b> |
| Grid 4 <b>M3</b><br><b>64.08 V/m</b> | Grid 5 <b>M3</b><br><b>65.47 V/m</b> | Grid 6 <b>M3</b><br><b>65.45 V/m</b> |
| Grid 7 <b>M3</b><br><b>88.95 V/m</b> | Grid 8 <b>M3</b><br><b>92.68 V/m</b> | Grid 9 <b>M3</b><br><b>91.68 V/m</b> |

**Cursor:**

Total = 92.68 V/m

E Category: M3

Location: -1, 33.5, 9.7 mm



0 dB = 92.68 V/m = 39.34 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: ER3DV6 - SN2526; ConvF(1, 1, 1) @ 2450 MHz; Calibrated: 2022/3/28
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29
- 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 = 78.81 V/m; Power Drift = 0.00 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 86.74 V/m

Average value of Total=(82.28+86.74) / 2 = 84.51 V/m

**PMF scaled E-field**

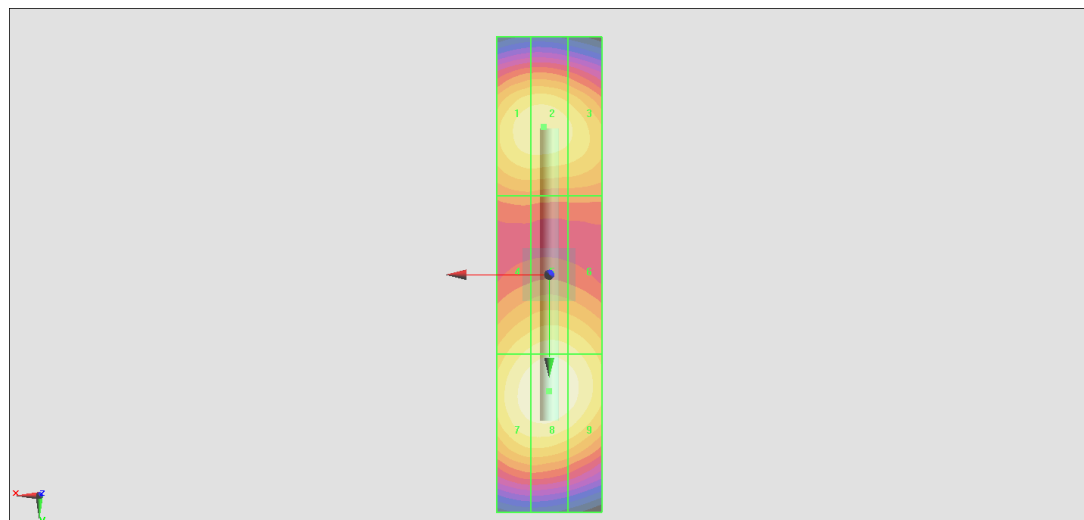
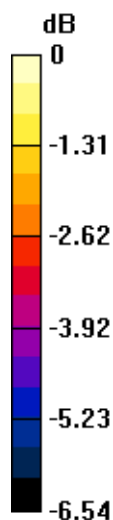
|                                      |                                      |                                      |
|--------------------------------------|--------------------------------------|--------------------------------------|
| Grid 1 <b>M3</b><br><b>81.74 V/m</b> | Grid 2 <b>M3</b><br><b>82.28 V/m</b> | Grid 3 <b>M3</b><br><b>79.38 V/m</b> |
| Grid 4 <b>M3</b><br><b>80.08 V/m</b> | Grid 5 <b>M3</b><br><b>81.99 V/m</b> | Grid 6 <b>M3</b><br><b>80.70 V/m</b> |
| Grid 7 <b>M3</b><br><b>85.34 V/m</b> | Grid 8 <b>M3</b><br><b>86.74 V/m</b> | Grid 9 <b>M3</b><br><b>84.88 V/m</b> |

**Cursor:**

Total = 86.74 V/m

E Category: M3

Location: 0, 22, 9.7 mm



0 dB = 86.74 V/m = 38.76 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: 2022/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29
- 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 = 76.37 V/m; Power Drift = 0.02 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 81.57 V/m

Average value of Total=(80.07+81.57) / 2 = 80.82 V/m

**PMF scaled E-field**

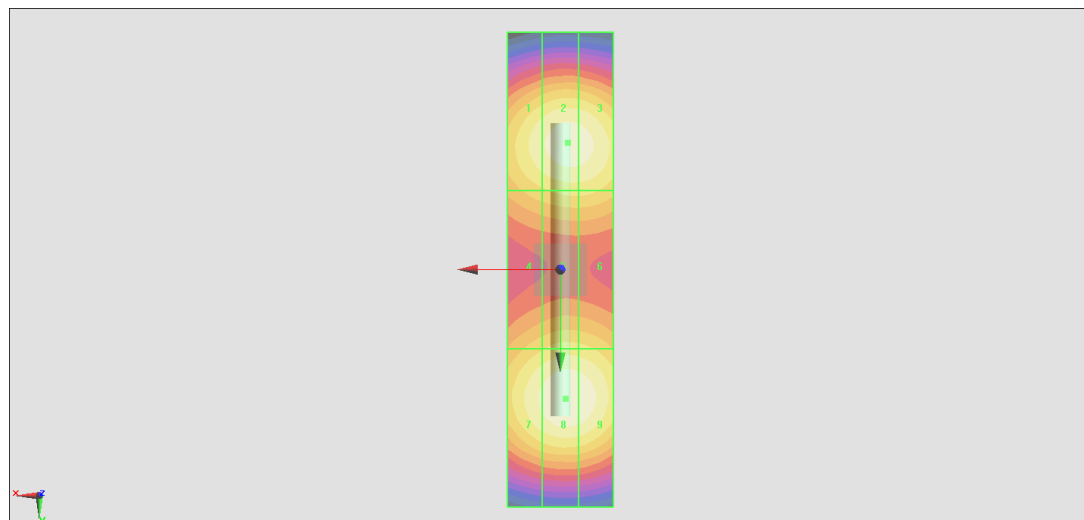
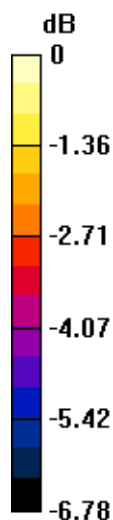
|                                      |                                      |                                      |
|--------------------------------------|--------------------------------------|--------------------------------------|
| Grid 1 <b>M3</b><br><b>76.75 V/m</b> | Grid 2 <b>M3</b><br><b>80.07 V/m</b> | Grid 3 <b>M3</b><br><b>79.61 V/m</b> |
| Grid 4 <b>M3</b><br><b>69.41 V/m</b> | Grid 5 <b>M3</b><br><b>71.78 V/m</b> | Grid 6 <b>M3</b><br><b>71.44 V/m</b> |
| Grid 7 <b>M3</b><br><b>78.27 V/m</b> | Grid 8 <b>M3</b><br><b>81.57 V/m</b> | Grid 9 <b>M3</b><br><b>80.88 V/m</b> |

**Cursor:**

Total = 81.57 V/m

E Category: M3

Location: -1, 24.5, 9.7 mm



0 dB = 81.57 V/m = 38.23 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/m<sup>3</sup>

Ambient Temperature : 23.5 °C

**DASY5 Configuration**

- Probe: ER3DV6 - SN2526; ConvF(1, 1, 1) @ 2600 MHz; Calibrated: 2022/3/28
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29
- 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 = 64.28 V/m; Power Drift = 0.07 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 86.81 V/m

Average value of Total=(83.81+86.81) / 2 = 85.31 V/m

**PMF scaled E-field**

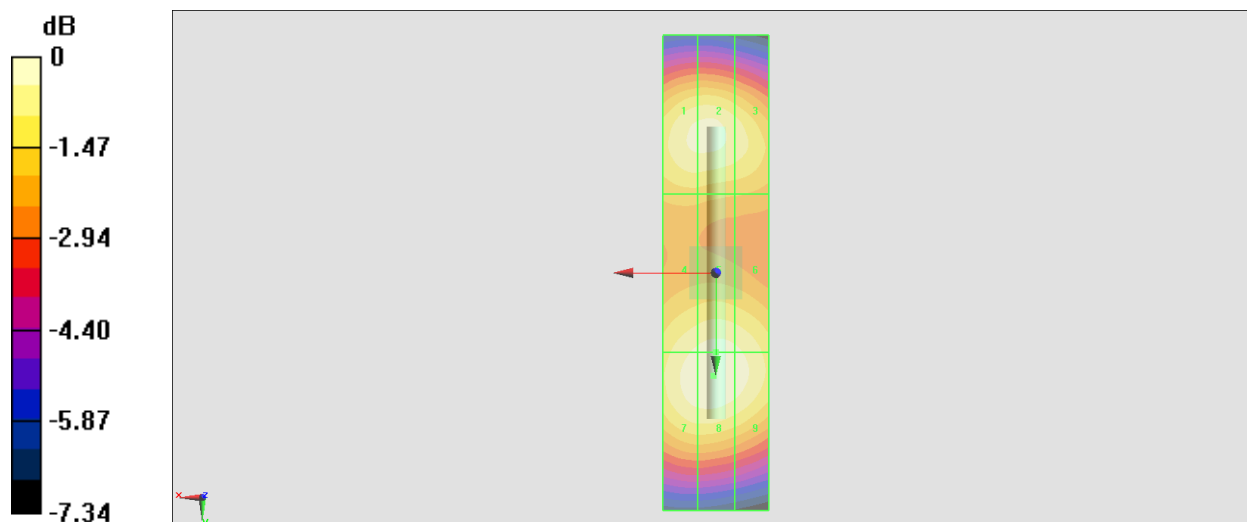
|                                      |                                      |                                      |
|--------------------------------------|--------------------------------------|--------------------------------------|
| Grid 1 <b>M3</b><br><b>83.47 V/m</b> | Grid 2 <b>M3</b><br><b>83.81 V/m</b> | Grid 3 <b>M3</b><br><b>80.67 V/m</b> |
| Grid 4 <b>M3</b><br><b>83.21 V/m</b> | Grid 5 <b>M3</b><br><b>84.77 V/m</b> | Grid 6 <b>M3</b><br><b>83.42 V/m</b> |
| Grid 7 <b>M3</b><br><b>85.55 V/m</b> | Grid 8 <b>M3</b><br><b>86.81 V/m</b> | Grid 9 <b>M3</b><br><b>85.08 V/m</b> |

**Cursor:**

Total = 86.81 V/m

E Category: M3

Location: 0.5, 19.5, 9.7 mm



0 dB = 86.81 V/m = 38.77 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/m<sup>3</sup>

Ambient Temperature : 23.5 °C

**DASY5 Configuration**

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2600 MHz; Calibrated: 2022/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29
- 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 = 69.98 V/m; Power Drift = -0.02 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 87.35 V/m

Average value of Total=(86.16+87.35) / 2 = 86.755 V/m

**PMF scaled E-field**

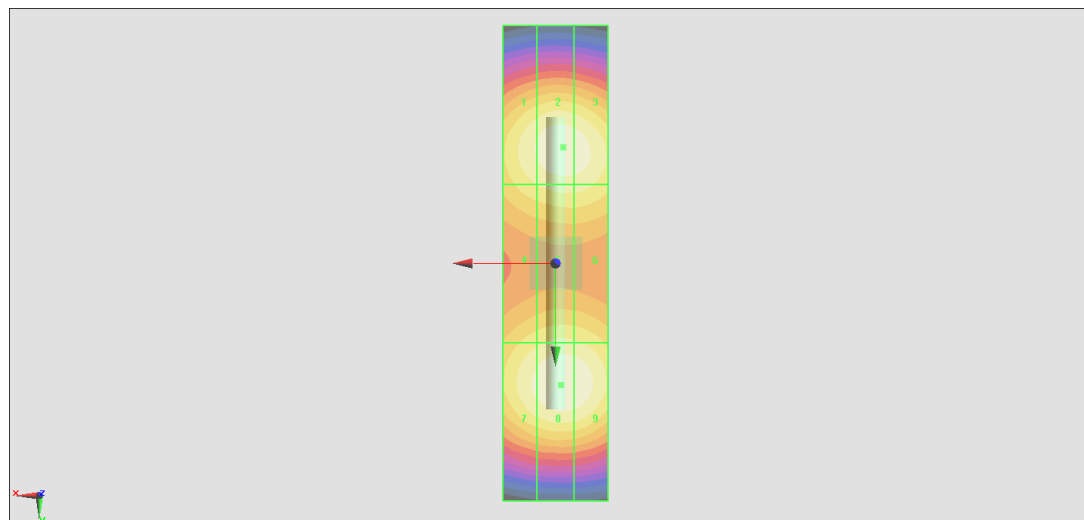
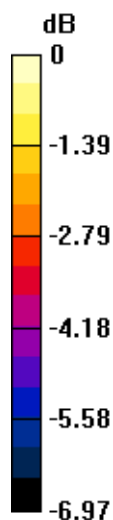
|                                      |                                      |                                      |
|--------------------------------------|--------------------------------------|--------------------------------------|
| Grid 1 <b>M3</b><br><b>83.31 V/m</b> | Grid 2 <b>M3</b><br><b>86.16 V/m</b> | Grid 3 <b>M3</b><br><b>85.60 V/m</b> |
| Grid 4 <b>M3</b><br><b>78.66 V/m</b> | Grid 5 <b>M3</b><br><b>80.87 V/m</b> | Grid 6 <b>M3</b><br><b>80.76 V/m</b> |
| Grid 7 <b>M3</b><br><b>84.15 V/m</b> | Grid 8 <b>M3</b><br><b>87.35 V/m</b> | Grid 9 <b>M3</b><br><b>86.71 V/m</b> |

**Cursor:**

Total = 87.35 V/m

E Category: M3

Location: -1, 23, 9.7 mm



0 dB = 87.35 V/m = 38.83 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: 2022/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29
- 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 = 36.44 V/m; Power Drift = 0.04 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 88.17 V/m

Average value of Total=(88.17+86.95) / 2 = 87.56 V/m

PMF scaled E-field

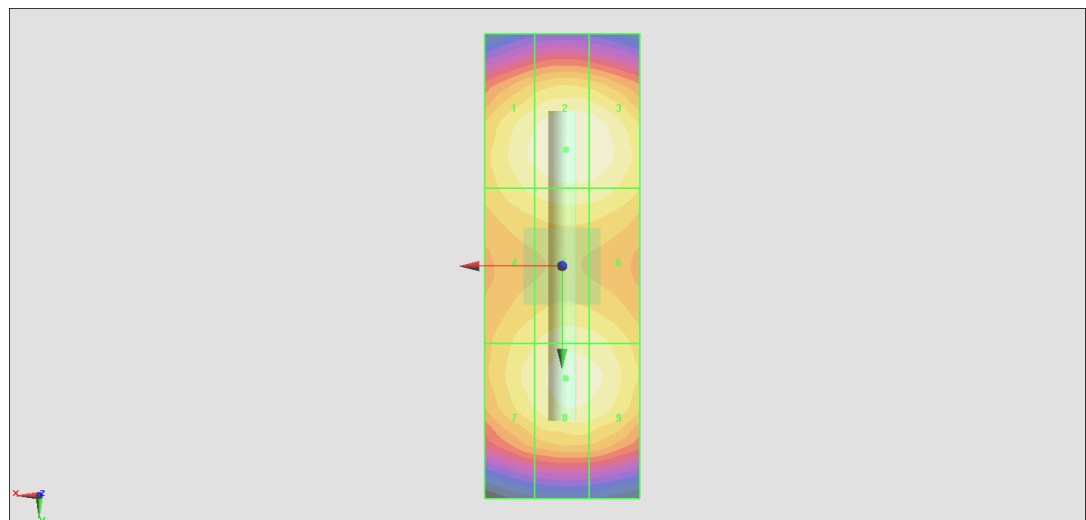
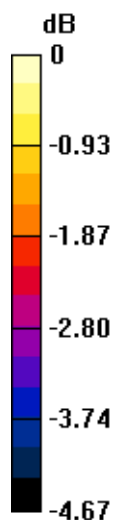
|                                      |                                      |                                      |
|--------------------------------------|--------------------------------------|--------------------------------------|
| Grid 1 <b>M3</b><br><b>85.89 V/m</b> | Grid 2 <b>M3</b><br><b>88.17 V/m</b> | Grid 3 <b>M3</b><br><b>87.72 V/m</b> |
| Grid 4 <b>M3</b><br><b>82.98 V/m</b> | Grid 5 <b>M3</b><br><b>84.45 V/m</b> | Grid 6 <b>M3</b><br><b>84.24 V/m</b> |
| Grid 7 <b>M3</b><br><b>83.92 V/m</b> | Grid 8 <b>M3</b><br><b>86.95 V/m</b> | Grid 9 <b>M3</b><br><b>86.18 V/m</b> |

**Cursor:**

Total = 88.17 V/m

E Category: M3

Location: -0.5, -15, 9.7 mm



0 dB = 88.17 V/m = 38.91 dBV/m