

**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 : 23.3 °C

**DASY5 Configuration**

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 835 MHz; Calibrated: 2020/1/24

- Sensor-Surface: (Fix Surface)

- Electronics: DAE3 Sn577; Calibrated: 2019/9/17

- 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 = 141.5 V/m; Power Drift = -0.05 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 115.8 V/m

Average value of Total=(115.8+117.6) / 2 = 117.2 V/m

**PMF scaled E-field**

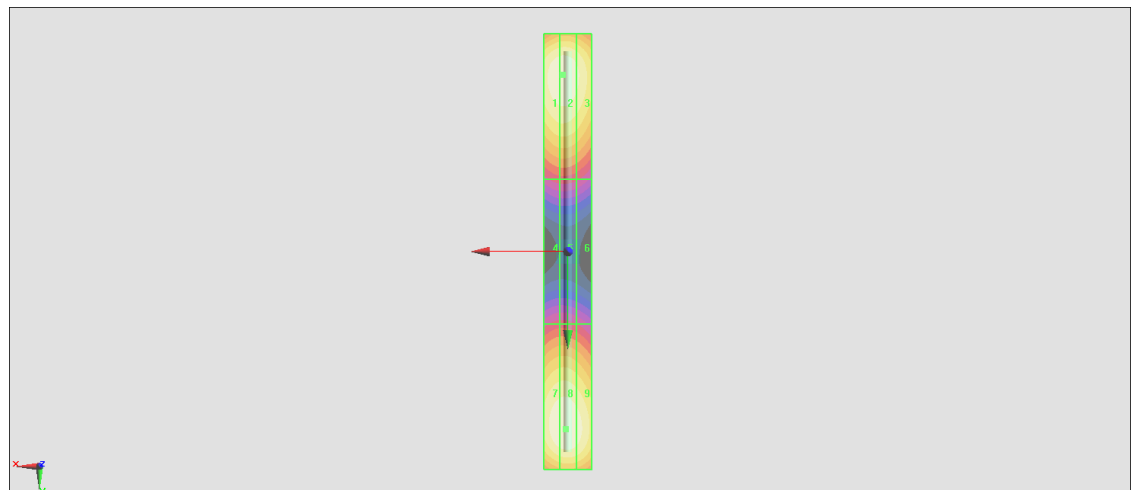
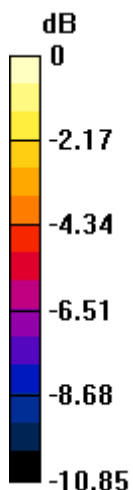
|                                      |                                      |                                      |
|--------------------------------------|--------------------------------------|--------------------------------------|
| Grid 1 <b>M4</b><br><b>114.8 V/m</b> | Grid 2 <b>M4</b><br><b>115.8 V/m</b> | Grid 3 <b>M4</b><br><b>111.9 V/m</b> |
| Grid 4 <b>M4</b><br><b>65.41 V/m</b> | Grid 5 <b>M4</b><br><b>67.28 V/m</b> | Grid 6 <b>M4</b><br><b>64.53 V/m</b> |
| Grid 7 <b>M4</b><br><b>112.5 V/m</b> | Grid 8 <b>M4</b><br><b>117.6 V/m</b> | Grid 9 <b>M4</b><br><b>113.6 V/m</b> |

**Cursor:**

Total = 117.6 V/m

E Category: M4

Location: 1, 73.5, 9.7 mm



0 dB = 117.6 V/m = 41.41 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 : 23.3 °C

**DASY5 Configuration**

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2019/9/17
- 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 = 170.8 V/m; Power Drift = 0.02 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 91.74 V/m

Average value of Total=(90.74+91.74) / 2 = 91.24 V/m

**PMF scaled E-field**

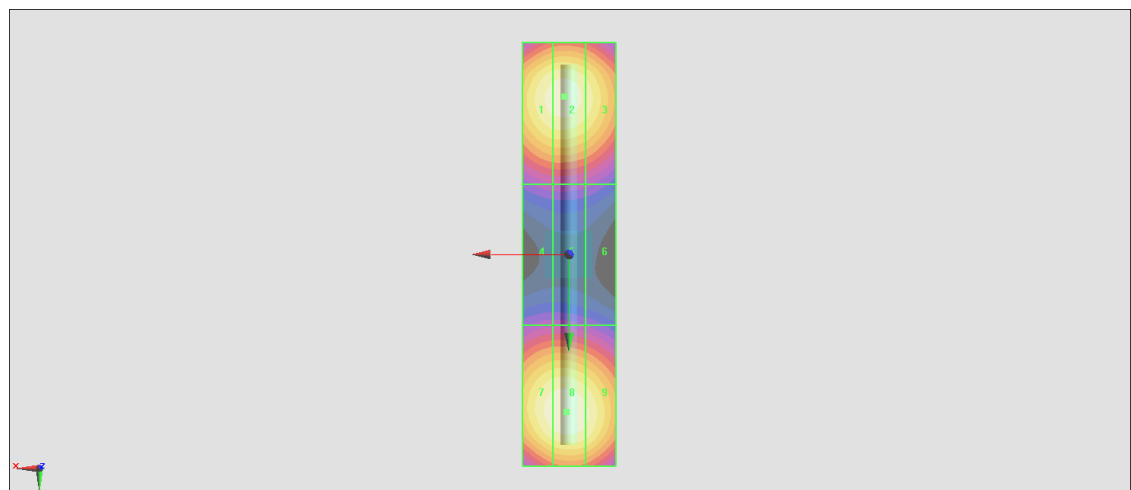
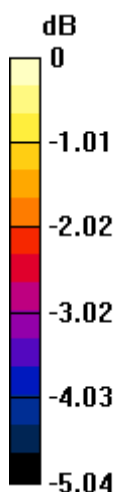
|                                      |                                      |                                      |
|--------------------------------------|--------------------------------------|--------------------------------------|
| <b>Grid 1 M3</b><br><b>90.13 V/m</b> | <b>Grid 2 M3</b><br><b>90.74 V/m</b> | <b>Grid 3 M3</b><br><b>89.36 V/m</b> |
| <b>Grid 4 M3</b><br><b>65.42 V/m</b> | <b>Grid 5 M3</b><br><b>63.54 V/m</b> | <b>Grid 6 M3</b><br><b>63.21 V/m</b> |
| <b>Grid 7 M3</b><br><b>90.44 V/m</b> | <b>Grid 8 M3</b><br><b>91.74 V/m</b> | <b>Grid 9 M3</b><br><b>90.17 V/m</b> |

**Cursor:**

Total = 91.74 V/m

E Category: M3

Location: 0.5, 33.5, 9.7 mm



0 dB = 91.74 V/m = 39.25 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 : 23.4 °C

**DASY5 Configuration**

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2450 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2019/9/17
- 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**  
**/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 = 79.79 V/m; Power Drift = 0.11 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 85.30 V/m

Average value of Total=(85.29+85.3) / 2 = 85.295 V/m

**PMF scaled E-field**

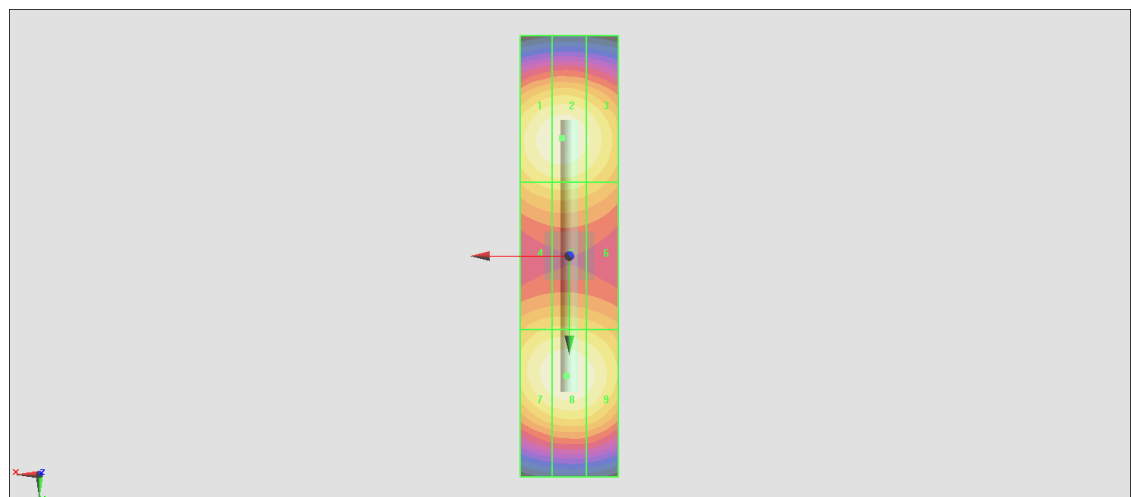
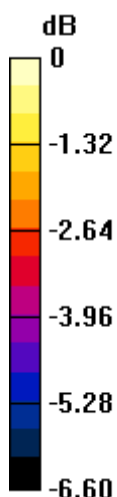
|                                      |                                      |                                      |
|--------------------------------------|--------------------------------------|--------------------------------------|
| <b>Grid 1 M3</b><br><b>85.13 V/m</b> | <b>Grid 2 M3</b><br><b>85.29 V/m</b> | <b>Grid 3 M3</b><br><b>82.76 V/m</b> |
| <b>Grid 4 M3</b><br><b>76.55 V/m</b> | <b>Grid 5 M3</b><br><b>76.43 V/m</b> | <b>Grid 6 M3</b><br><b>75.68 V/m</b> |
| <b>Grid 7 M3</b><br><b>84.59 V/m</b> | <b>Grid 8 M3</b><br><b>85.30 V/m</b> | <b>Grid 9 M3</b><br><b>84.22 V/m</b> |

**Cursor:**

Total = 85.30 V/m

E Category: M3

Location: 0.5, 24.5, 9.7 mm



0 dB = 85.30 V/m = 38.62 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 : 23.3 °C

**DASY5 Configuration**

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2600 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2019/9/17
- 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 = 69.25 V/m; Power Drift = -0.12 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 87.42 V/m

Average value of Total=(85.77+87.42) / 2 = 86.595 V/m

**PMF scaled E-field**

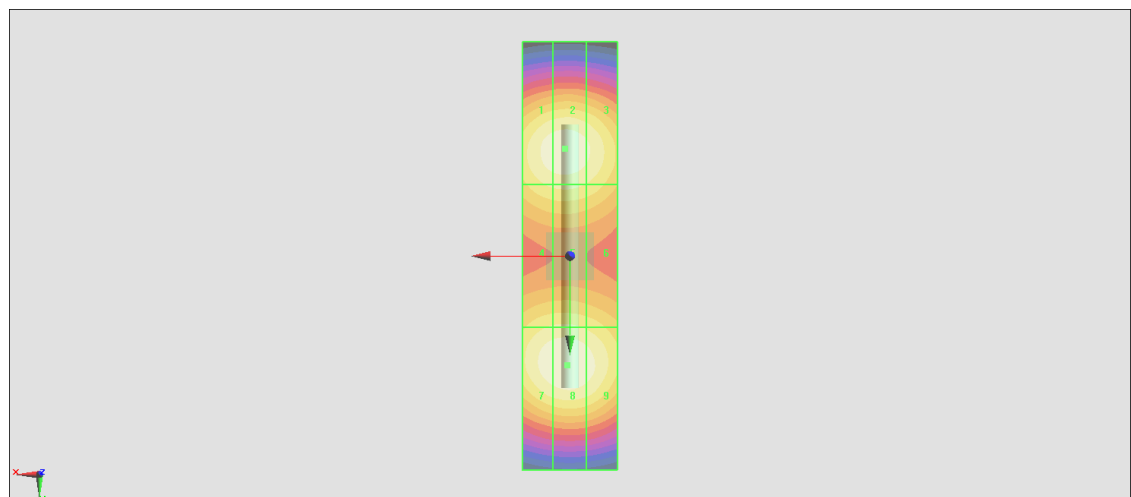
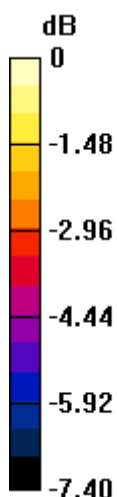
|                                      |                                      |                                      |
|--------------------------------------|--------------------------------------|--------------------------------------|
| Grid 1 <b>M3</b><br><b>84.26 V/m</b> | Grid 2 <b>M3</b><br><b>85.77 V/m</b> | Grid 3 <b>M3</b><br><b>84.31 V/m</b> |
| Grid 4 <b>M3</b><br><b>78.52 V/m</b> | Grid 5 <b>M3</b><br><b>79.37 V/m</b> | Grid 6 <b>M3</b><br><b>77.16 V/m</b> |
| Grid 7 <b>M3</b><br><b>85.41 V/m</b> | Grid 8 <b>M3</b><br><b>87.42 V/m</b> | Grid 9 <b>M3</b><br><b>85.30 V/m</b> |

**Cursor:**

Total = 87.42 V/m

E Category: M3

Location: 0.5, 23, 9.7 mm



0 dB = 87.42 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 : 23.3 °C

**DASY5 Configuration**

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 3500 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2019/9/17
- 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 = 39.49 V/m; Power Drift = 0.19 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 91.71 V/m

Average value of Total=(87.88+91.71) / 2 = 89.795 V/m

**PMF scaled E-field**

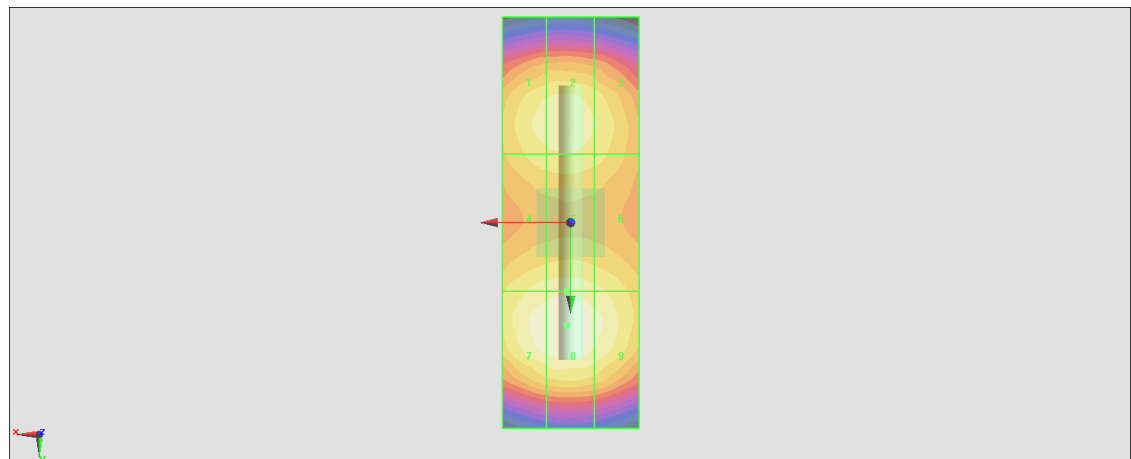
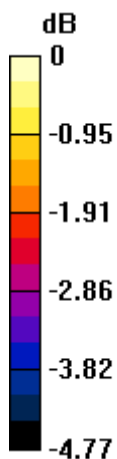
|                                      |                                      |                                      |
|--------------------------------------|--------------------------------------|--------------------------------------|
| Grid 1 <b>M3</b><br><b>86.87 V/m</b> | Grid 2 <b>M3</b><br><b>87.88 V/m</b> | Grid 3 <b>M3</b><br><b>85.46 V/m</b> |
| Grid 4 <b>M3</b><br><b>87.20 V/m</b> | Grid 5 <b>M3</b><br><b>87.96 V/m</b> | Grid 6 <b>M3</b><br><b>86.34 V/m</b> |
| Grid 7 <b>M3</b><br><b>90.76 V/m</b> | Grid 8 <b>M3</b><br><b>91.71 V/m</b> | Grid 9 <b>M3</b><br><b>89.44 V/m</b> |

**Cursor:**

Total = 91.71 V/m

E Category: M3

Location: 0.5, 15, 9.7 mm



0 dB = 91.71 V/m = 39.25 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/m<sup>3</sup>

Ambient Temperature : 23.8 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 5500 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2019/5/21
- 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 /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 = 31.41 V/m; Power Drift = -0.16 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 116.2 V/m

Average value of Total=(95.75+97.95) / 2 = 96.85 V/m

PMF scaled E-field

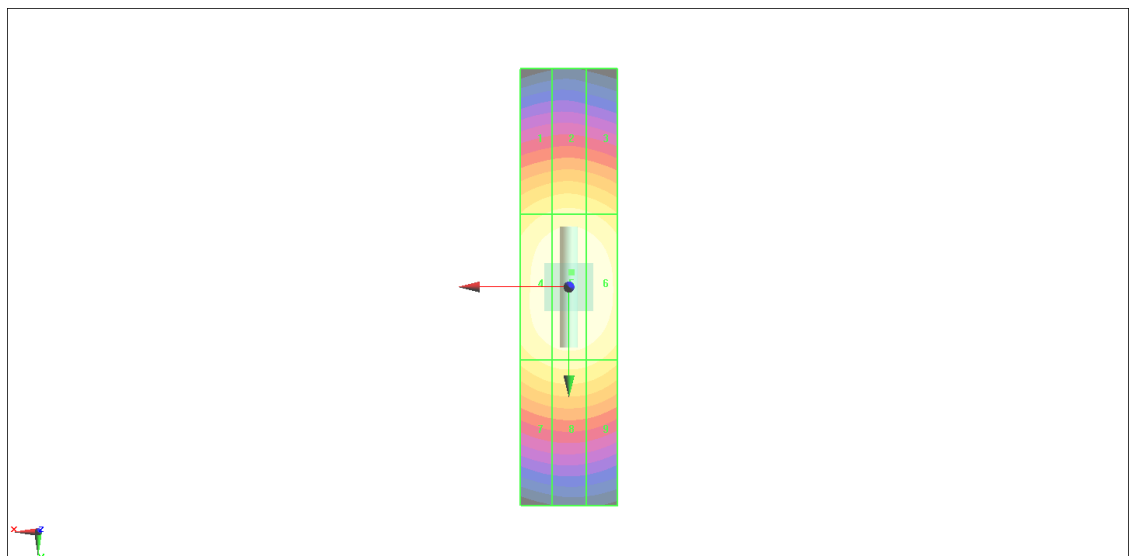
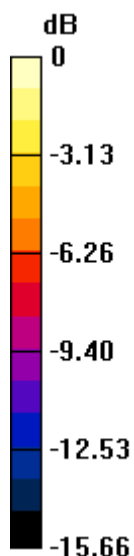
|                                      |                                      |                                      |
|--------------------------------------|--------------------------------------|--------------------------------------|
| Grid 1 <b>M3</b><br><b>93.67 V/m</b> | Grid 2 <b>M3</b><br><b>95.75 V/m</b> | Grid 3 <b>M3</b><br><b>93.72 V/m</b> |
| Grid 4 <b>M2</b><br><b>112.3 V/m</b> | Grid 5 <b>M2</b><br><b>116.2 V/m</b> | Grid 6 <b>M2</b><br><b>114.2 V/m</b> |
| Grid 7 <b>M3</b><br><b>96.03 V/m</b> | Grid 8 <b>M3</b><br><b>97.95 V/m</b> | Grid 9 <b>M3</b><br><b>96.15 V/m</b> |

**Cursor:**

Total = 116.2 V/m

E Category: M2

Location: -0.5, -3, 9.7 mm



0 dB = 116.2 V/m = 41.30 dBV/m