

## HAC-RF Emission

Communication System: UID 0, CW; Frequency: 835 MHz; Duty Cycle: 1:1

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/16/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 1/14/2015
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

### Dipole E-Field measurement/835 MHz/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 = 108.5 V/m; Power Drift = 0.01 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 110.7 V/m

Near-field category: **M4 (AWF 0 dB)**

PMF scaled E-field

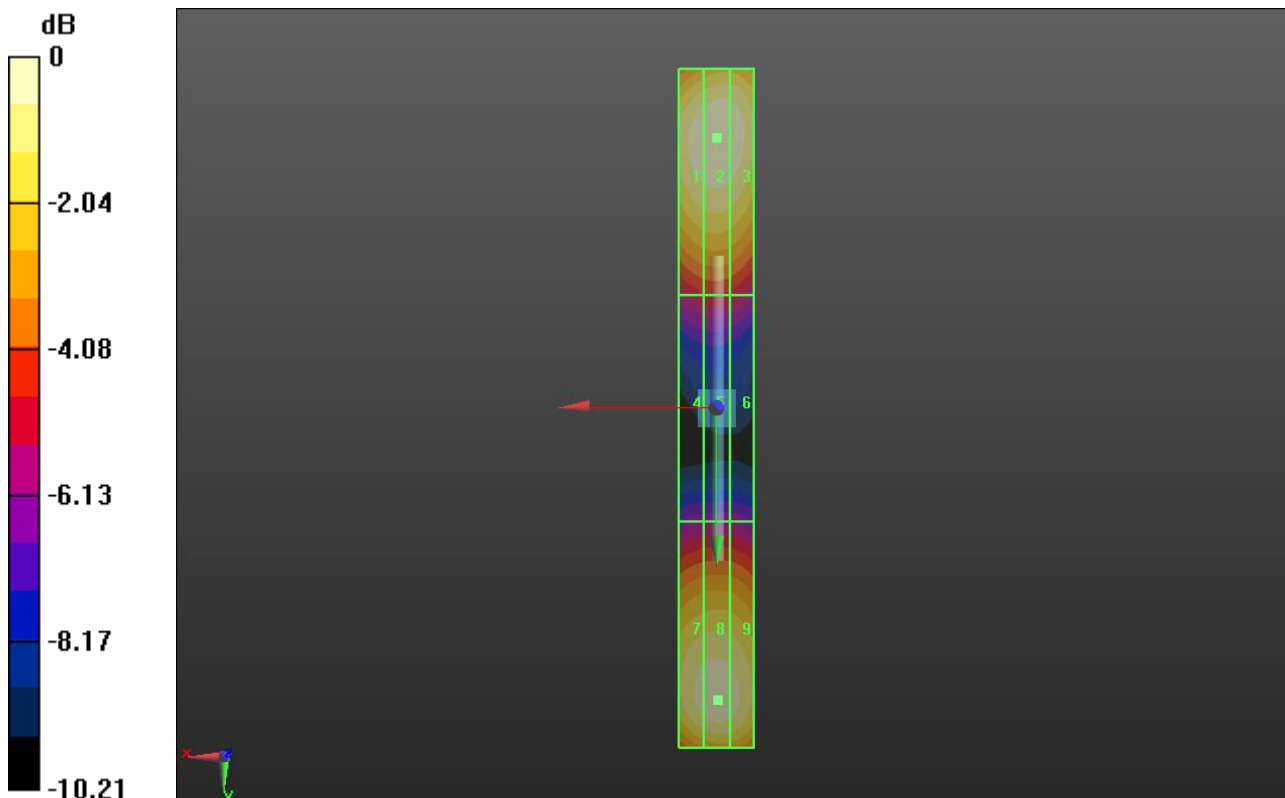
Grid 1 <b>M4</b> <b>108.9 V/m</b>	Grid 2 <b>M4</b> <b>110.7 V/m</b>	Grid 3 <b>M4</b> <b>109.2 V/m</b>
Grid 4 <b>M4</b> <b>63.05 V/m</b>	Grid 5 <b>M4</b> <b>63.76 V/m</b>	Grid 6 <b>M4</b> <b>62.39 V/m</b>
Grid 7 <b>M4</b> <b>106.1 V/m</b>	Grid 8 <b>M4</b> <b>108.2 V/m</b>	Grid 9 <b>M4</b> <b>106.5 V/m</b>

**Cursor:**

Total = 110.7 V/m

E Category: M4

Location: 0, -71.5, 9.7 mm



0 dB = 110.7 V/m = 40.88 dBV/m

## HAC-RF Emission

Communication System: UID 0, CW; Frequency: 1880 MHz; Duty Cycle: 1:1

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/16/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 1/14/2015
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

### Dipole E-Field measurement/1880 MHz/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 = 151.5 V/m; Power Drift = 0.02 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 92.03 V/m

Near-field category: **M3 (AWF 0 dB)**

PMF scaled E-field

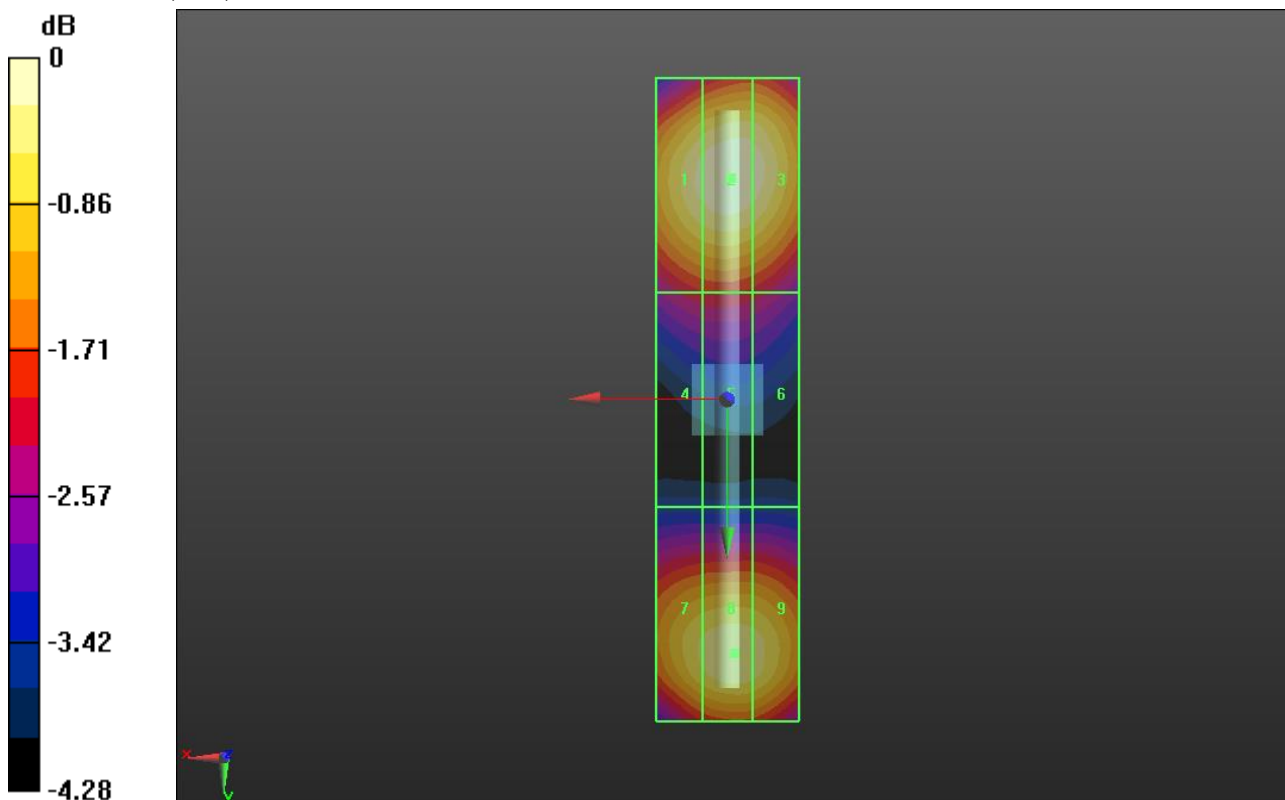
Grid 1 <b>M3</b> <b>90.18 V/m</b>	Grid 2 <b>M3</b> <b>92.03 V/m</b>	Grid 3 <b>M3</b> <b>90.94 V/m</b>
Grid 4 <b>M3</b> <b>73.01 V/m</b>	Grid 5 <b>M3</b> <b>73.67 V/m</b>	Grid 6 <b>M3</b> <b>72.38 V/m</b>
Grid 7 <b>M3</b> <b>86.90 V/m</b>	Grid 8 <b>M3</b> <b>88.68 V/m</b>	Grid 9 <b>M3</b> <b>88.05 V/m</b>

**Cursor:**

Total = 92.03 V/m

E Category: M3

Location: -0.5, -31, 9.7 mm



0 dB = 92.03 V/m = 39.28 dBV/m

## HAC-RF Emission

Communication System: UID 0, CW; Frequency: 835 MHz; Duty Cycle: 1:1

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/16/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 1/14/2015
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

### Dipole E-Field measurement/835 MHz/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 = 104.3 V/m; Power Drift = -0.01 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 107.0 V/m

Near-field category: **M4 (AWF 0 dB)**

PMF scaled E-field

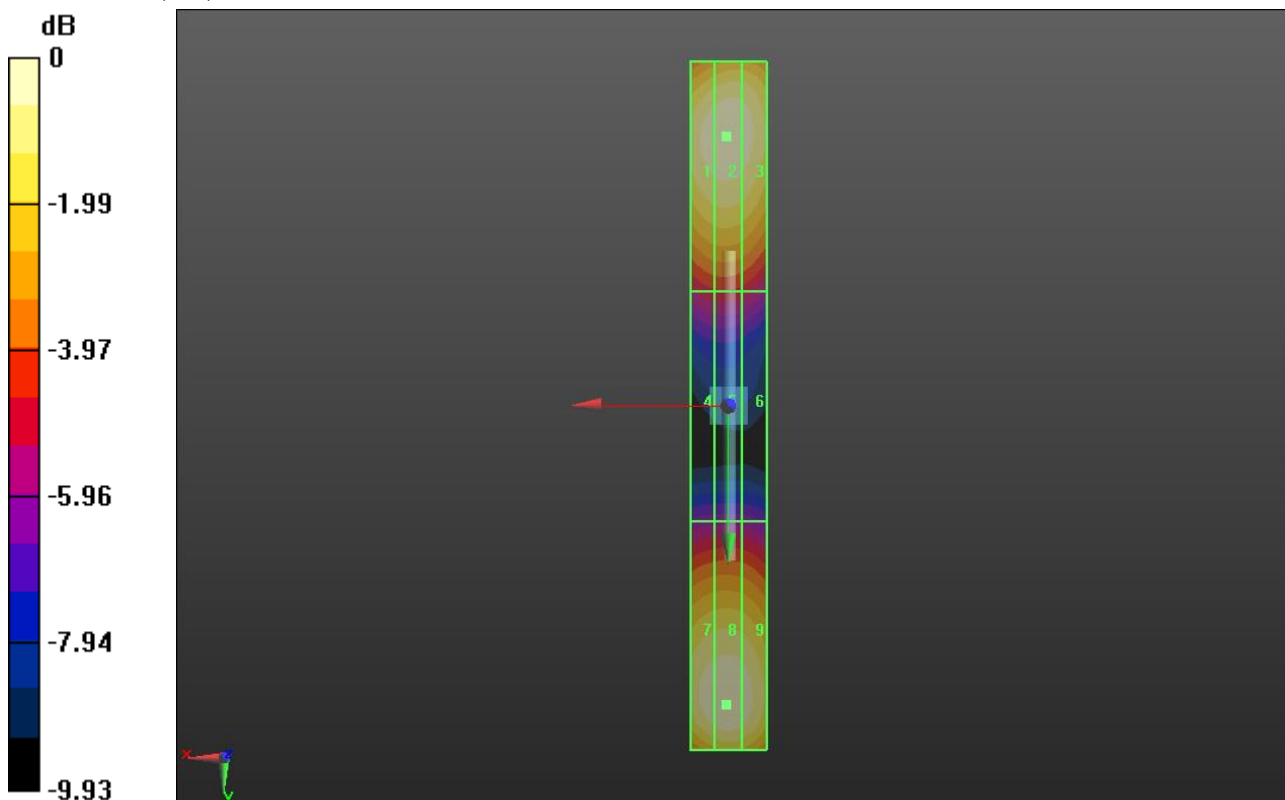
Grid 1 <b>M4</b> <b>104.6 V/m</b>	Grid 2 <b>M4</b> <b>105.9 V/m</b>	Grid 3 <b>M4</b> <b>104.1 V/m</b>
Grid 4 <b>M4</b> <b>62.25 V/m</b>	Grid 5 <b>M4</b> <b>62.64 V/m</b>	Grid 6 <b>M4</b> <b>61.10 V/m</b>
Grid 7 <b>M4</b> <b>105.3 V/m</b>	Grid 8 <b>M4</b> <b>107.0 V/m</b>	Grid 9 <b>M4</b> <b>104.3 V/m</b>

**Cursor:**

Total = 107.0 V/m

E Category: M4

Location: 0.5, 78, 9.7 mm



0 dB = 107.0 V/m = 40.59 dBV/m

## HAC-RF Emission

Communication System: UID 0, CW; Frequency: 1880 MHz; Duty Cycle: 1:1

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/16/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 1/14/2015
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

### Dipole E-Field measurement/1880 MHz/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 = 142.2 V/m; Power Drift = -0.00 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 86.13 V/m

Near-field category: **M3 (AWF 0 dB)**

PMF scaled E-field

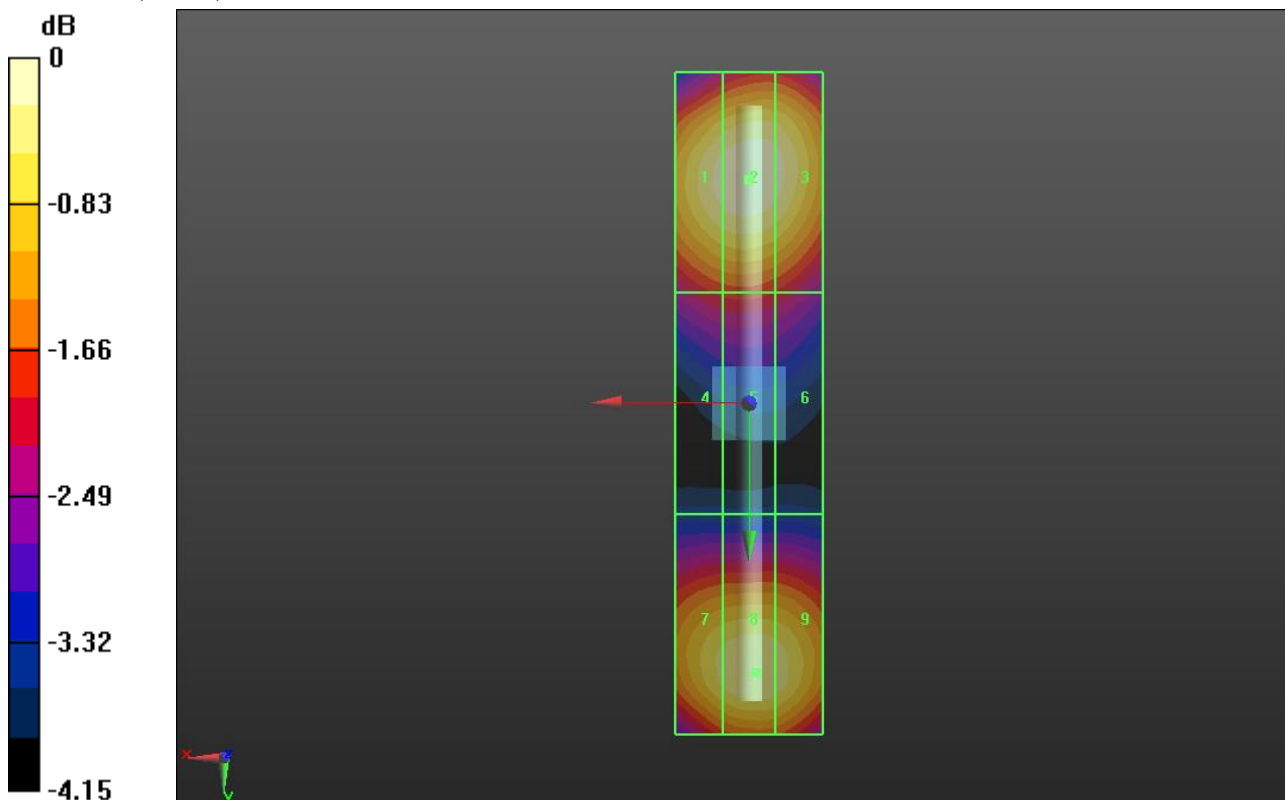
Grid 1 <b>M3</b> <b>84.83 V/m</b>	Grid 2 <b>M3</b> <b>86.13 V/m</b>	Grid 3 <b>M3</b> <b>84.77 V/m</b>
Grid 4 <b>M3</b> <b>69.65 V/m</b>	Grid 5 <b>M3</b> <b>70.14 V/m</b>	Grid 6 <b>M3</b> <b>68.78 V/m</b>
Grid 7 <b>M3</b> <b>81.85 V/m</b>	Grid 8 <b>M3</b> <b>83.48 V/m</b>	Grid 9 <b>M3</b> <b>82.73 V/m</b>

**Cursor:**

Total = 86.13 V/m

E Category: M3

Location: 0, -30.5, 9.7 mm



0 dB = 86.13 V/m = 38.70 dBV/m