

## HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2540; ConvF(1, 1, 1); Calibrated: 8/26/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1259; 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 = 121.8 V/m; Power Drift = 0.08 dB

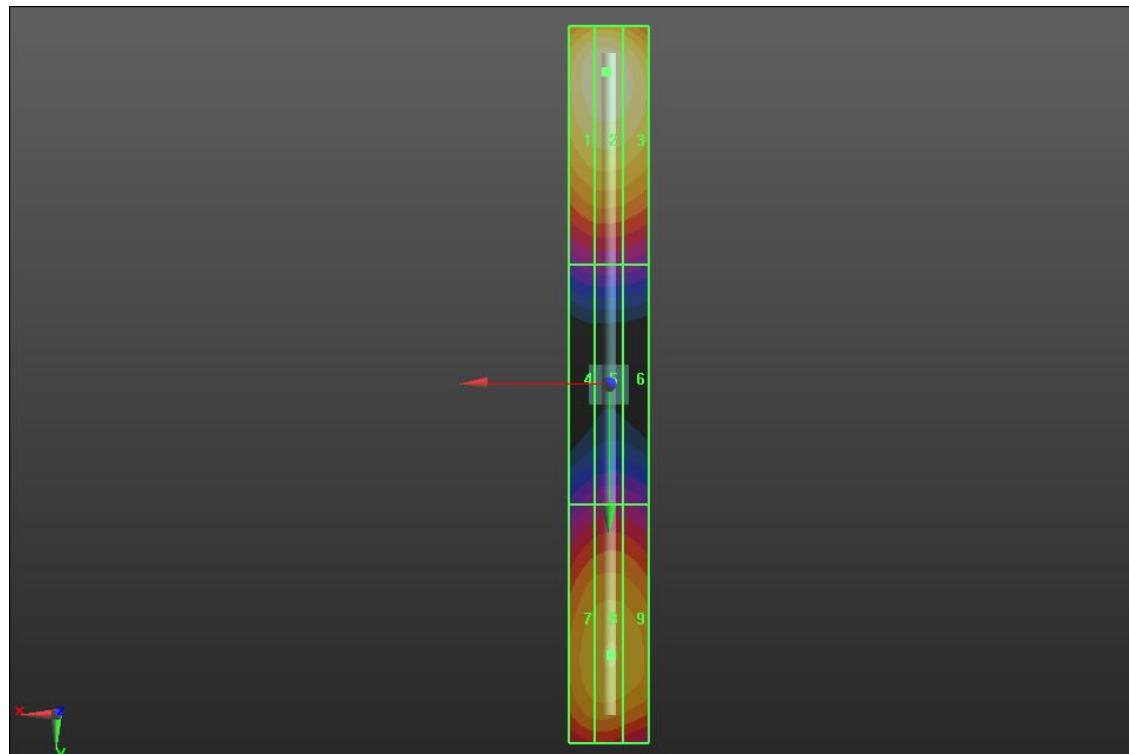
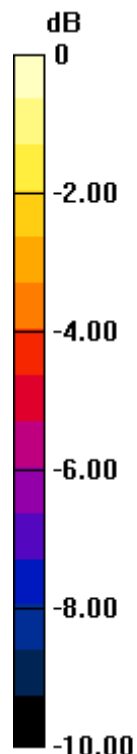
PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 125.1 V/m

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

PMF scaled E-field

|                                      |                                      |                                      |
|--------------------------------------|--------------------------------------|--------------------------------------|
| Grid 1 <b>M4</b><br><b>123.2 V/m</b> | Grid 2 <b>M4</b><br><b>125.1 V/m</b> | Grid 3 <b>M4</b><br><b>121.0 V/m</b> |
| Grid 4 <b>M4</b><br><b>62.63 V/m</b> | Grid 5 <b>M4</b><br><b>64.21 V/m</b> | Grid 6 <b>M4</b><br><b>63.67 V/m</b> |
| Grid 7 <b>M4</b><br><b>98.24 V/m</b> | Grid 8 <b>M4</b><br><b>99.96 V/m</b> | Grid 9 <b>M4</b><br><b>98.83 V/m</b> |



0 dB = 125.1 V/m = 41.95 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 - SN2540; ConvF(1, 1, 1); Calibrated: 8/26/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1259; 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 = 129.9 V/m; Power Drift = -0.14 dB

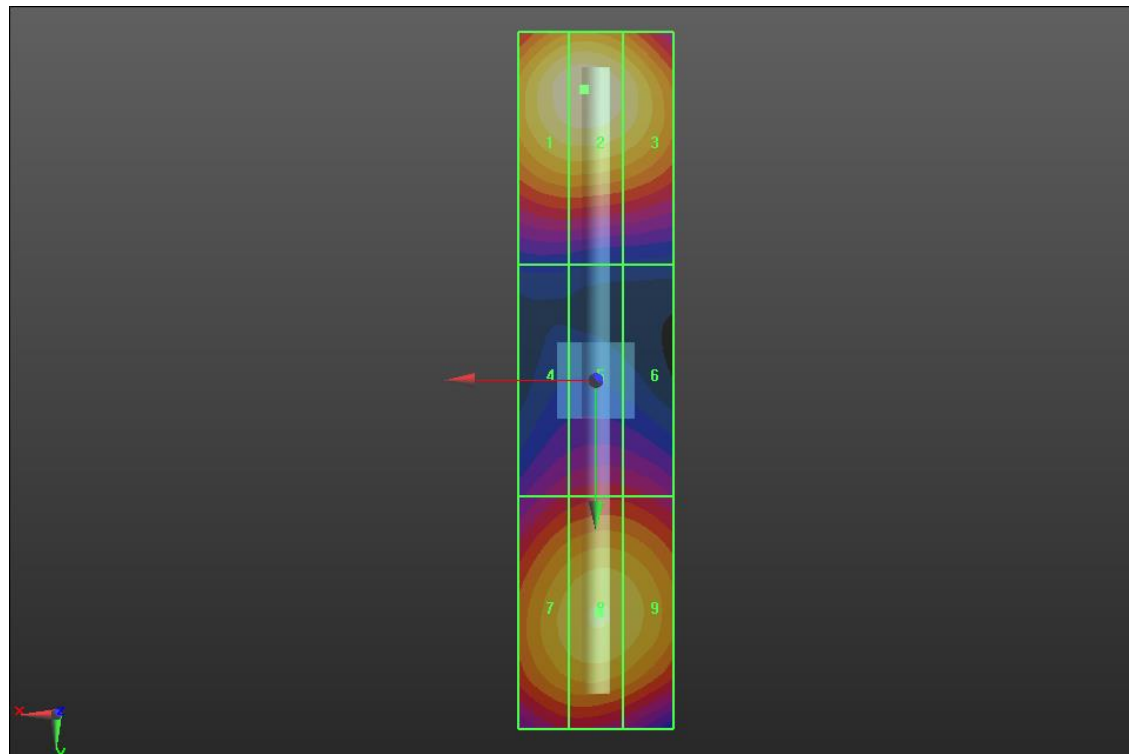
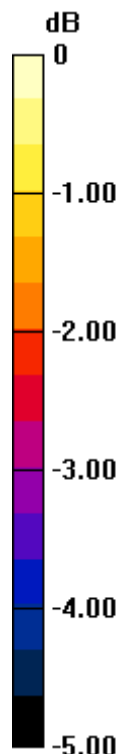
PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 92.74 V/m

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

PMF scaled E-field

|                                      |                                      |                                      |
|--------------------------------------|--------------------------------------|--------------------------------------|
| Grid 1 <b>M3</b><br><b>91.98 V/m</b> | Grid 2 <b>M3</b><br><b>92.74 V/m</b> | Grid 3 <b>M3</b><br><b>89.29 V/m</b> |
| Grid 4 <b>M3</b><br><b>68.98 V/m</b> | Grid 5 <b>M3</b><br><b>70.51 V/m</b> | Grid 6 <b>M3</b><br><b>70.22 V/m</b> |
| Grid 7 <b>M3</b><br><b>84.28 V/m</b> | Grid 8 <b>M3</b><br><b>86.25 V/m</b> | Grid 9 <b>M3</b><br><b>85.24 V/m</b> |



0 dB = 92.74 V/m = 39.35 dBV/m

## HAC-RF Emission

Communication System: UID 0, CW (0); Frequency: 2600 MHz; Duty Cycle: 1:1

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2540; ConvF(1, 1, 1); Calibrated: 8/26/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1259; 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/2600 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 = 71.82 V/m; Power Drift = 0.07 dB

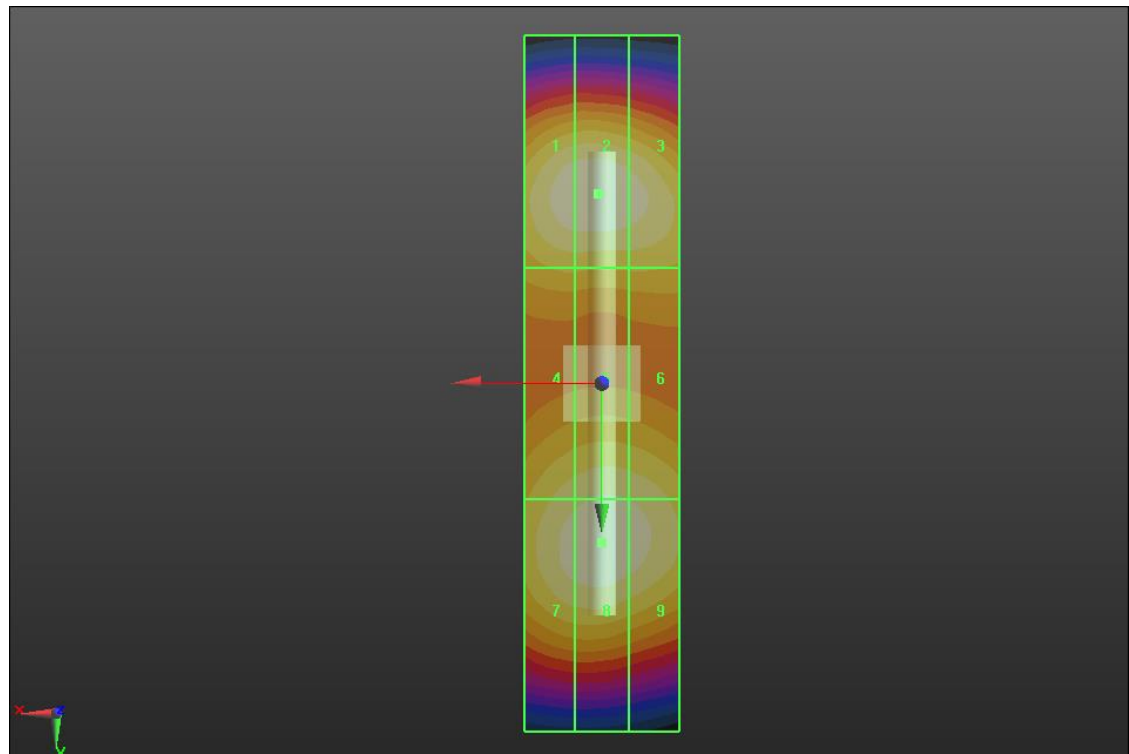
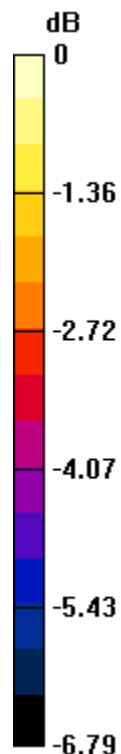
PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 88.29 V/m

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

PMF scaled E-field

|                                      |                                      |                                      |
|--------------------------------------|--------------------------------------|--------------------------------------|
| Grid 1 <b>M3</b><br><b>87.44 V/m</b> | Grid 2 <b>M3</b><br><b>88.29 V/m</b> | Grid 3 <b>M3</b><br><b>86.34 V/m</b> |
| Grid 4 <b>M3</b><br><b>82.63 V/m</b> | Grid 5 <b>M3</b><br><b>84.40 V/m</b> | Grid 6 <b>M3</b><br><b>83.79 V/m</b> |
| Grid 7 <b>M3</b><br><b>85.92 V/m</b> | Grid 8 <b>M3</b><br><b>87.49 V/m</b> | Grid 9 <b>M3</b><br><b>86.20 V/m</b> |



0 dB = 88.29 V/m = 38.92 dBV/m