

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 Sn1359; Calibrated: 2/17/2014
- 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 = 130.3 V/m; Power Drift = -0.00 dB

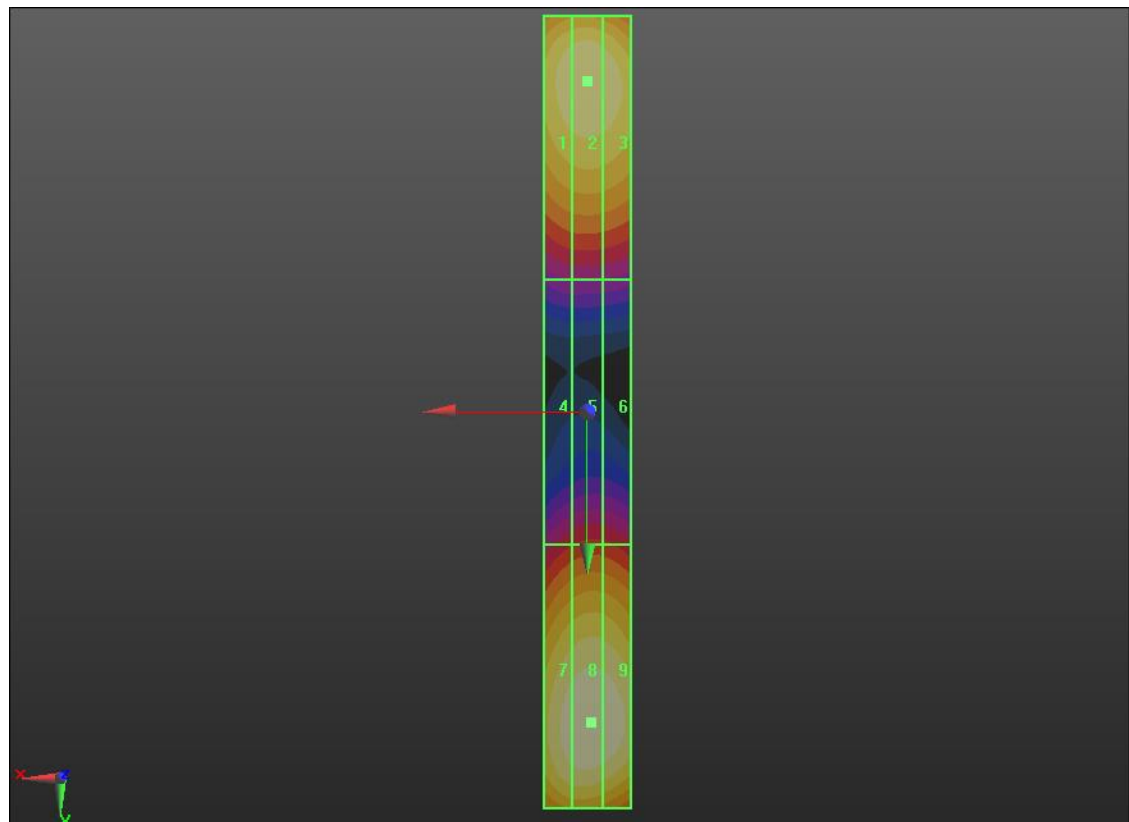
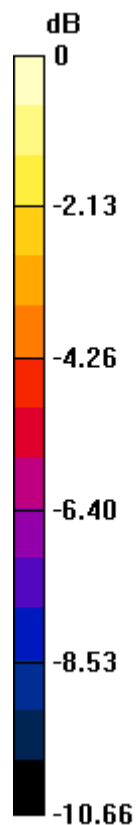
PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 113.8 V/m

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

PMF scaled E-field

| | | |
|--------------------------------------|--------------------------------------|--------------------------------------|
| Grid 1 M4 102.6 V/m | Grid 2 M4 104.7 V/m | Grid 3 M4 102.9 V/m |
| Grid 4 M4 63.98 V/m | Grid 5 M4 66.17 V/m | Grid 6 M4 65.72 V/m |
| Grid 7 M4 110.4 V/m | Grid 8 M4 113.8 V/m | Grid 9 M4 112.8 V/m |



0 dB = 113.8 V/m = 41.12 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 Sn1359; Calibrated: 2/17/2014

- 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 = 140.9 V/m; Power Drift = 0.06 dB

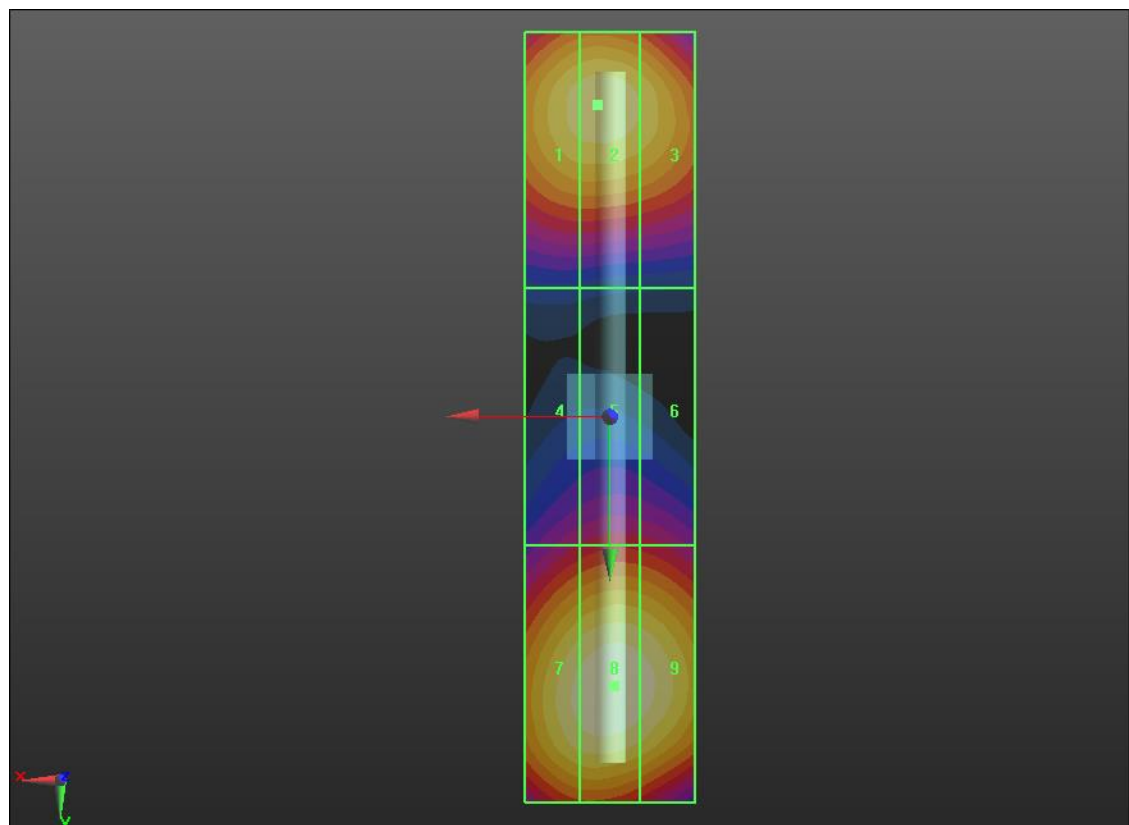
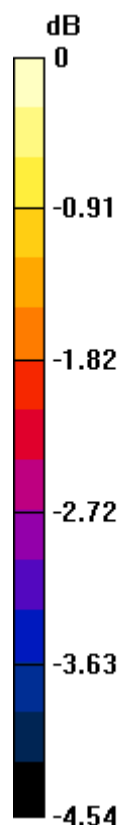
PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 89.51 V/m

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

PMF scaled E-field

| | | |
|--------------------------------------|--------------------------------------|--------------------------------------|
| Grid 1 M3 85.03 V/m | Grid 2 M3 85.76 V/m | Grid 3 M3 83.49 V/m |
| Grid 4 M3 68.02 V/m | Grid 5 M3 69.78 V/m | Grid 6 M3 69.35 V/m |
| Grid 7 M3 87.64 V/m | Grid 8 M3 89.51 V/m | Grid 9 M3 88.20 V/m |



$$0 \text{ dB} = 89.51 \text{ V/m} = 39.04 \text{ dBV/m}$$

