

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 = 124.7 V/m; Power Drift = 0.16 dB

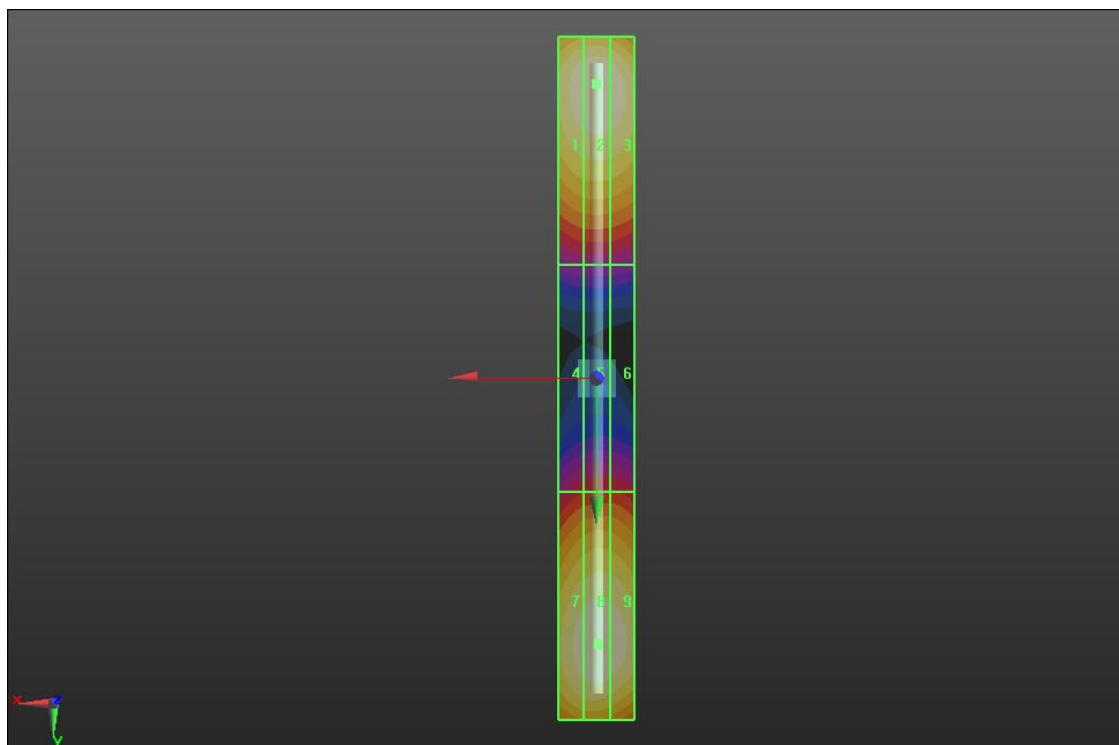
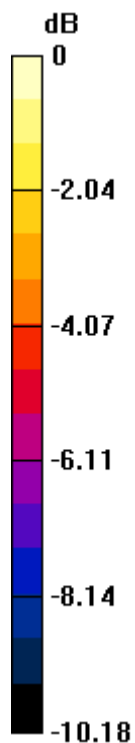
PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 110.7 V/m

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

PMF scaled E-field

Grid 1 M4 109.0 V/m	Grid 2 M4 110.6 V/m	Grid 3 M4 109.1 V/m
Grid 4 M4 64.08 V/m	Grid 5 M4 65.47 V/m	Grid 6 M4 65.47 V/m
Grid 7 M4 107.7 V/m	Grid 8 M4 110.7 V/m	Grid 9 M4 109.1 V/m



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

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- 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 = 133.8 V/m; Power Drift = 0.04 dB

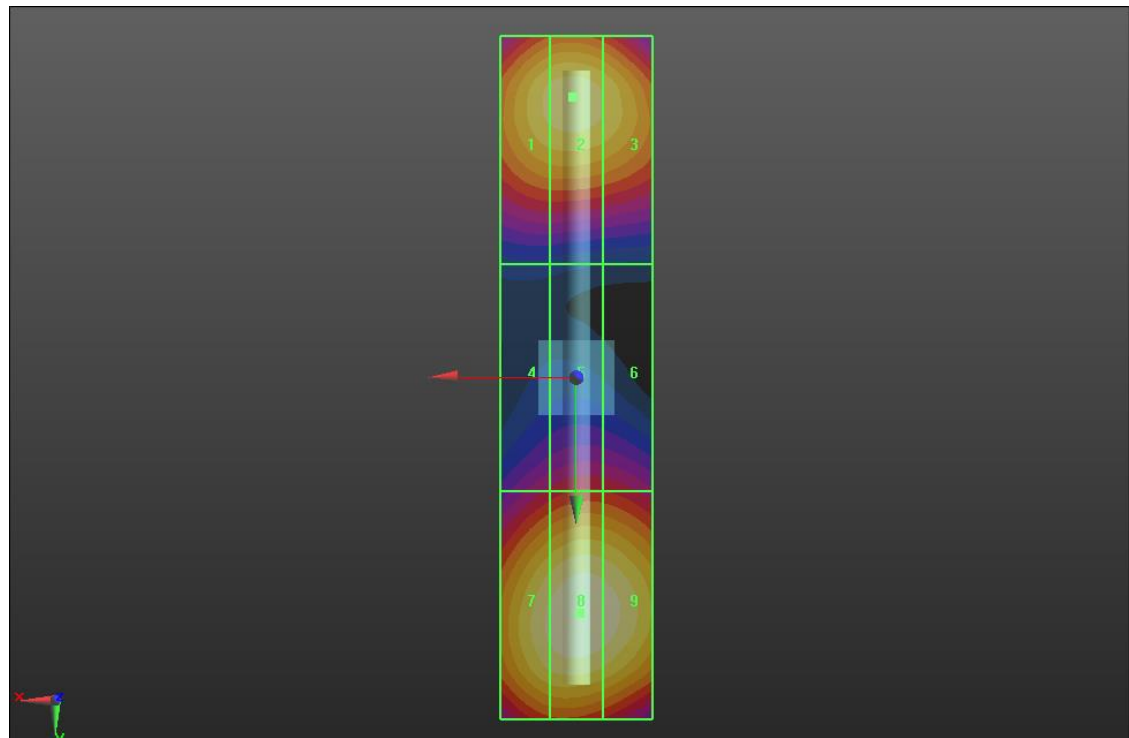
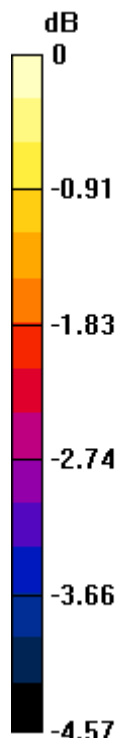
PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 87.98 V/m

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

PMF scaled E-field

Grid 1 M3 83.01 V/m	Grid 2 M3 84.01 V/m	Grid 3 M3 82.28 V/m
Grid 4 M3 67.29 V/m	Grid 5 M3 69.51 V/m	Grid 6 M3 69.15 V/m
Grid 7 M3 85.70 V/m	Grid 8 M3 87.98 V/m	Grid 9 M3 87.04 V/m



0 dB = 87.98 V/m = 38.89 dBV/m

HAC-RF Emission

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Phantom section: RF Section

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- 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 = 121.4 V/m; Power Drift = -0.03 dB

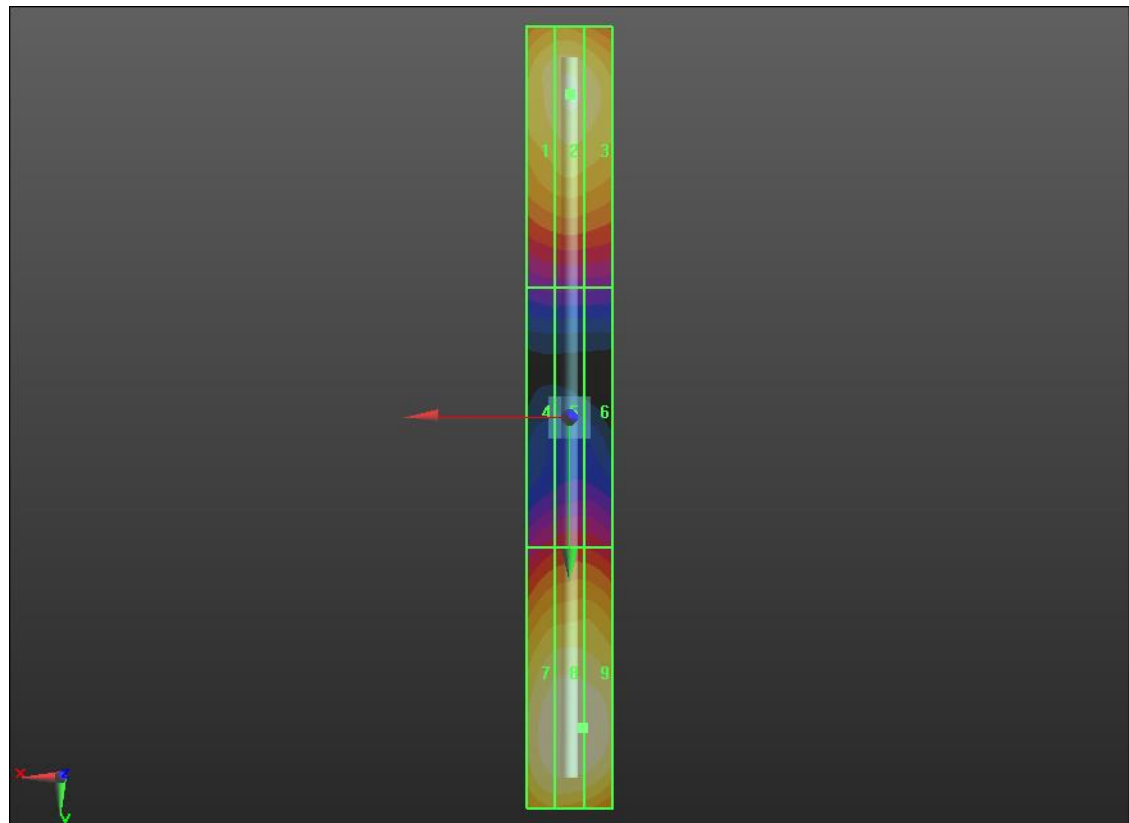
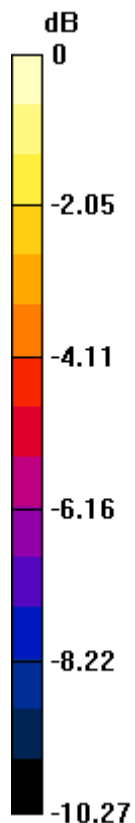
PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 109.2 V/m

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

PMF scaled E-field

Grid 1 M4 98.61 V/m	Grid 2 M4 102.8 V/m	Grid 3 M4 99.39 V/m
Grid 4 M4 61.60 V/m	Grid 5 M4 63.46 V/m	Grid 6 M4 63.07 V/m
Grid 7 M4 107.6 V/m	Grid 8 M4 109.2 V/m	Grid 9 M4 109.1 V/m



0 dB = 109.2 V/m = 40.76 dBV/m

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- 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 = 127.2 V/m; Power Drift = 0.04 dB

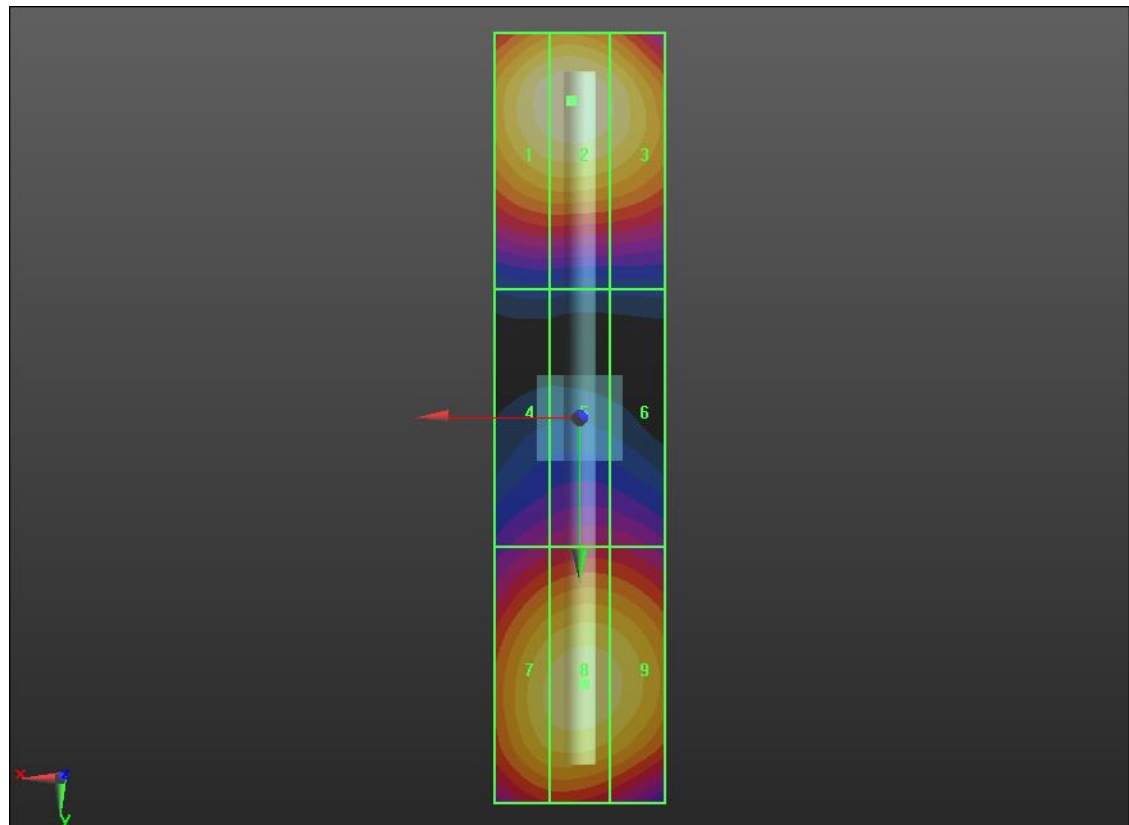
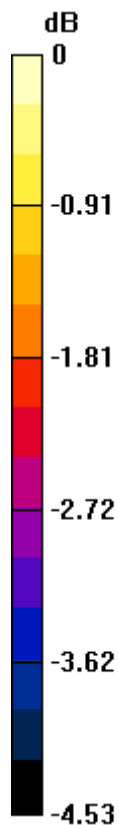
PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 88.62 V/m

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

PMF scaled E-field

Grid 1 M3 87.78 V/m	Grid 2 M3 88.62 V/m	Grid 3 M3 86.16 V/m
Grid 4 M3 66.25 V/m	Grid 5 M3 67.80 V/m	Grid 6 M3 67.46 V/m
Grid 7 M3 83.53 V/m	Grid 8 M3 84.95 V/m	Grid 9 M3 83.87 V/m



0 dB = 88.62 V/m = 38.95 dBV/m