

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: 5/13/2016;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn500; Calibrated: 5/19/2016
- 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 835MHz/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 = 127.2 V/m; Power Drift = -0.04 dB

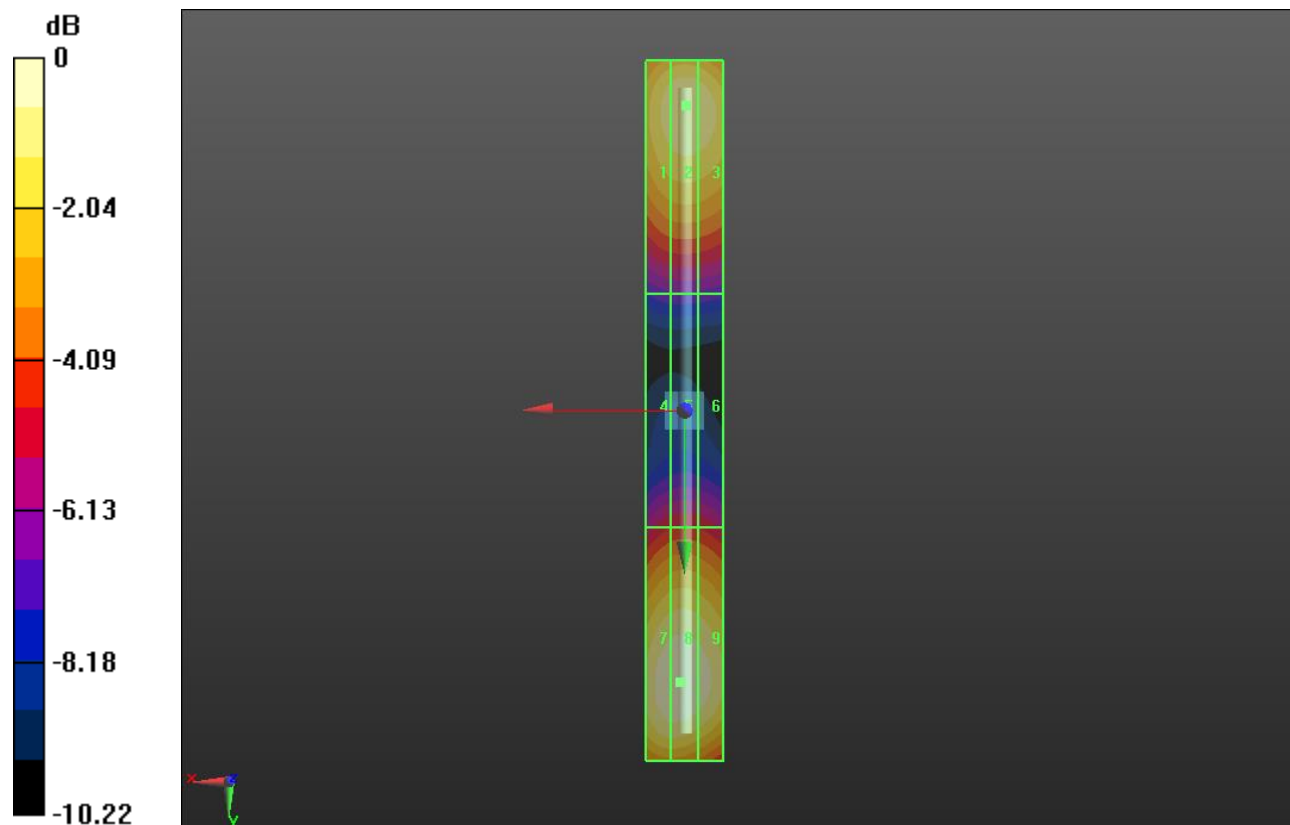
PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 111.1 V/m

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

PMF scaled E-field

Grid 1 M4 99.72 V/m	Grid 2 M4 102.3 V/m	Grid 3 M4 101.0 V/m
Grid 4 M4 64.12 V/m	Grid 5 M4 64.96 V/m	Grid 6 M4 63.98 V/m
Grid 7 M4 110.3 V/m	Grid 8 M4 111.1 V/m	Grid 9 M4 108.3 V/m



0 dB = 111.1 V/m = 40.91 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: 5/13/2016;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn500; Calibrated: 5/19/2016
- 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 1880MHz/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 = 117.2 V/m; Power Drift = 0.02 dB

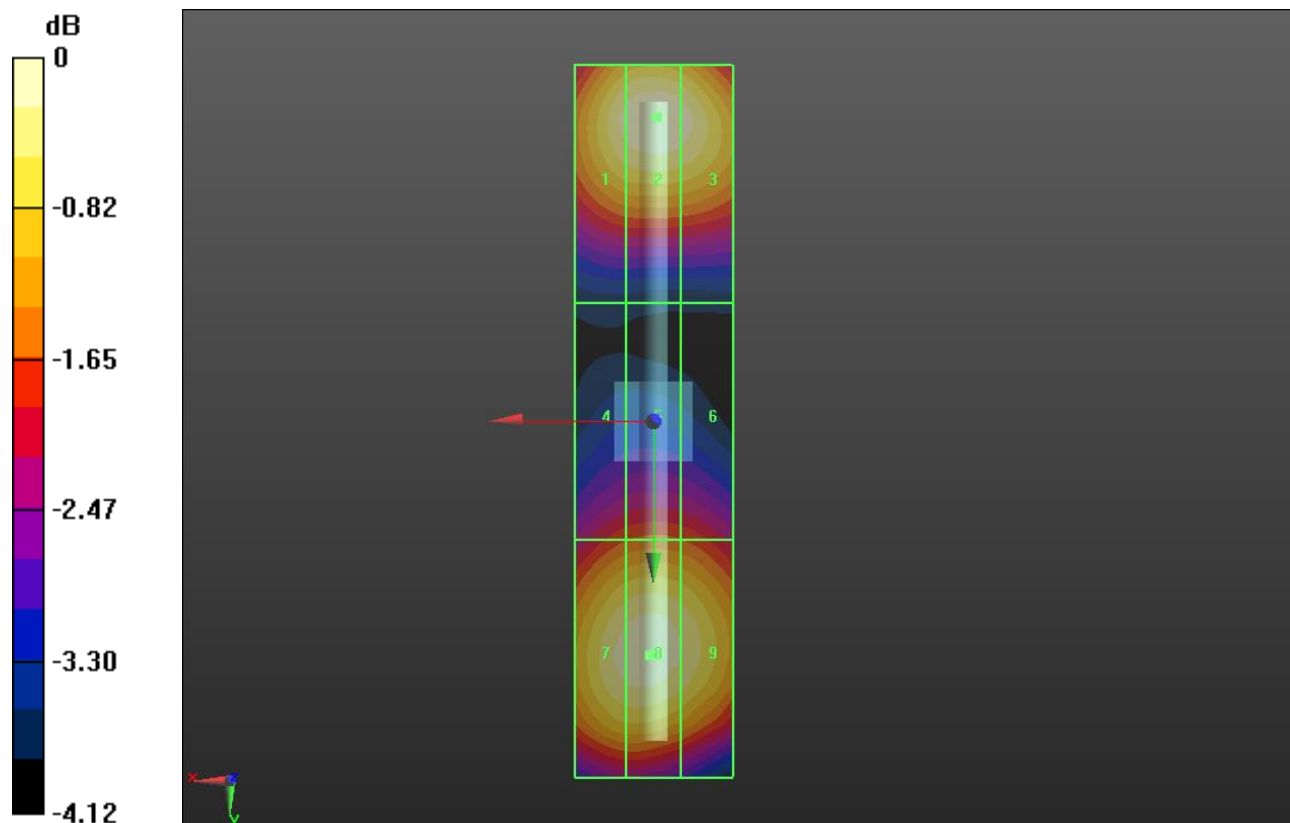
PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 86.04 V/m

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

PMF scaled E-field

Grid 1 M3 84.43 V/m	Grid 2 M3 86.04 V/m	Grid 3 M3 84.83 V/m
Grid 4 M3 71.11 V/m	Grid 5 M3 72.10 V/m	Grid 6 M3 71.35 V/m
Grid 7 M3 84.57 V/m	Grid 8 M3 85.33 V/m	Grid 9 M3 83.46 V/m



0 dB = 86.04 V/m = 38.69 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 - SN2509; ConvF(1, 1, 1); Calibrated: 5/13/2016;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn500; Calibrated: 5/19/2016
- 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 2600MHz/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 = 64.08 V/m; Power Drift = 0.04 dB

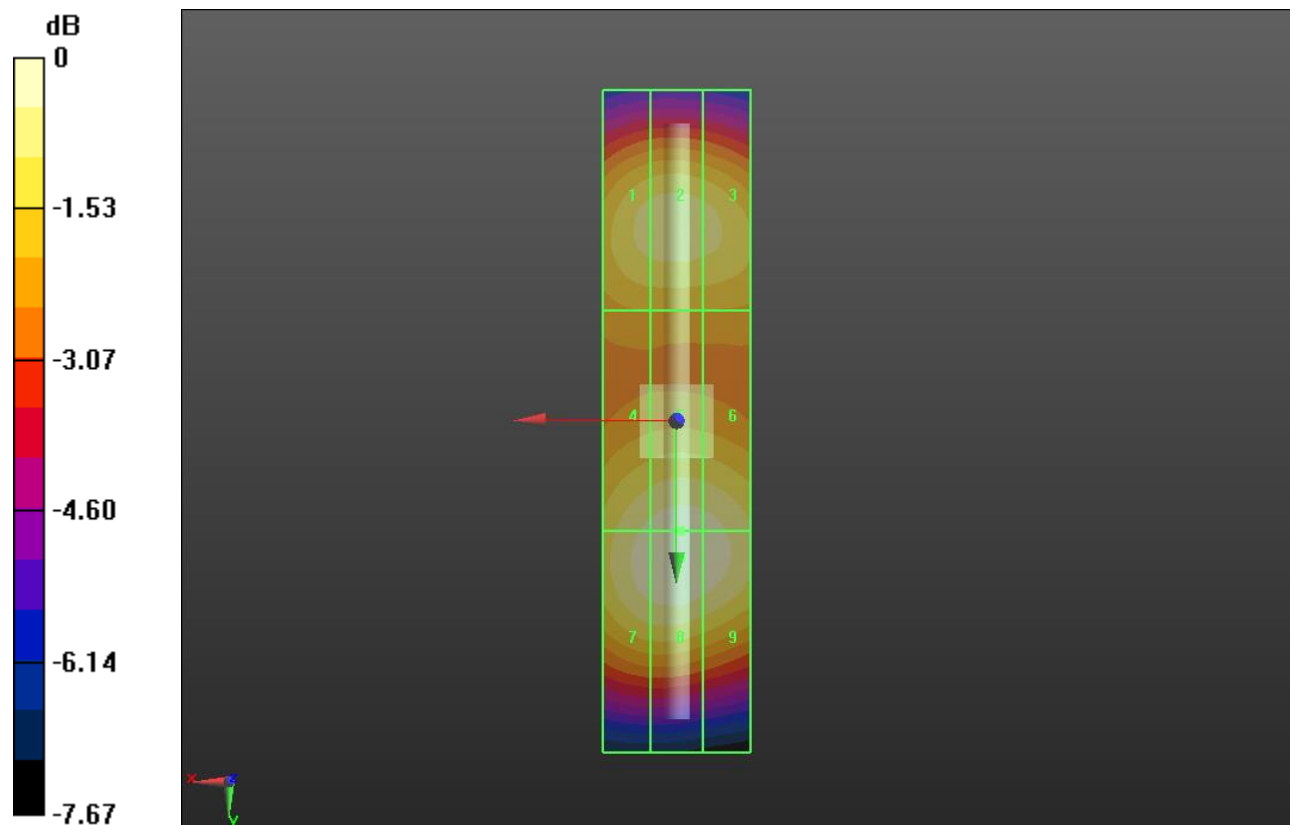
PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 91.09 V/m

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

PMF scaled E-field

Grid 1 M3 83.34 V/m	Grid 2 M3 84.26 V/m	Grid 3 M3 83.15 V/m
Grid 4 M3 87.62 V/m	Grid 5 M3 89.58 V/m	Grid 6 M3 88.73 V/m
Grid 7 M3 89.34 V/m	Grid 8 M3 91.09 V/m	Grid 9 M3 89.91 V/m



0 dB = 91.09 V/m = 39.19 dBV/m

HAC-RF Emission

Communication System: UID 0, CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/13/2016;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn500; Calibrated: 5/19/2016
- 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 2450MHz/2450 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 = 81.58 V/m; Power Drift = -0.01 dB

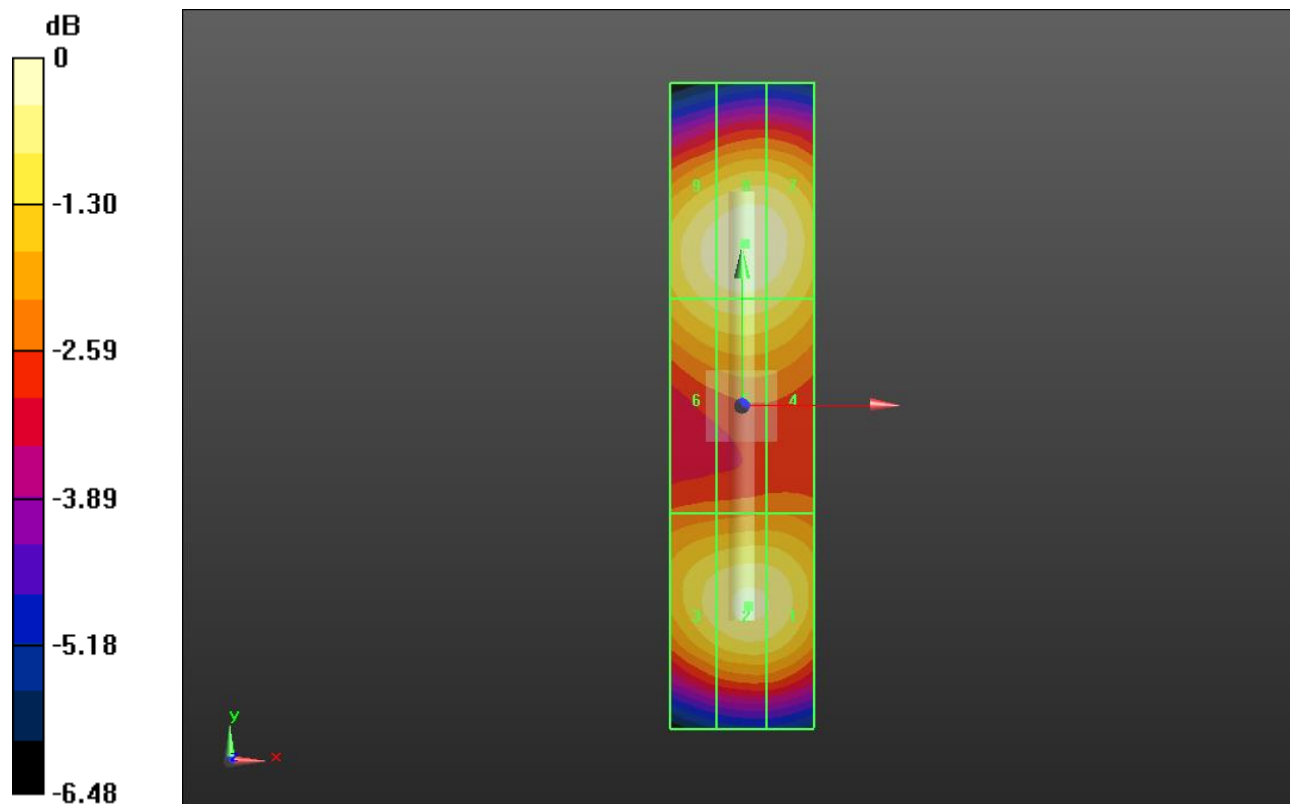
PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 90.39 V/m

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

PMF scaled E-field

Grid 1 M3 86.23 V/m	Grid 2 M3 86.94 V/m	Grid 3 M3 84.22 V/m
Grid 4 M3 83.95 V/m	Grid 5 M3 85.07 V/m	Grid 6 M3 83.87 V/m
Grid 7 M3 89.39 V/m	Grid 8 M3 90.39 V/m	Grid 9 M3 88.48 V/m



0 dB = 90.39 V/m = 39.12 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 - SN2509; ConvF(1, 1, 1); Calibrated: 5/13/2016;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn500; Calibrated: 5/19/2016
- 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 2600MHz/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 = 70.14 V/m; Power Drift = -0.02 dB

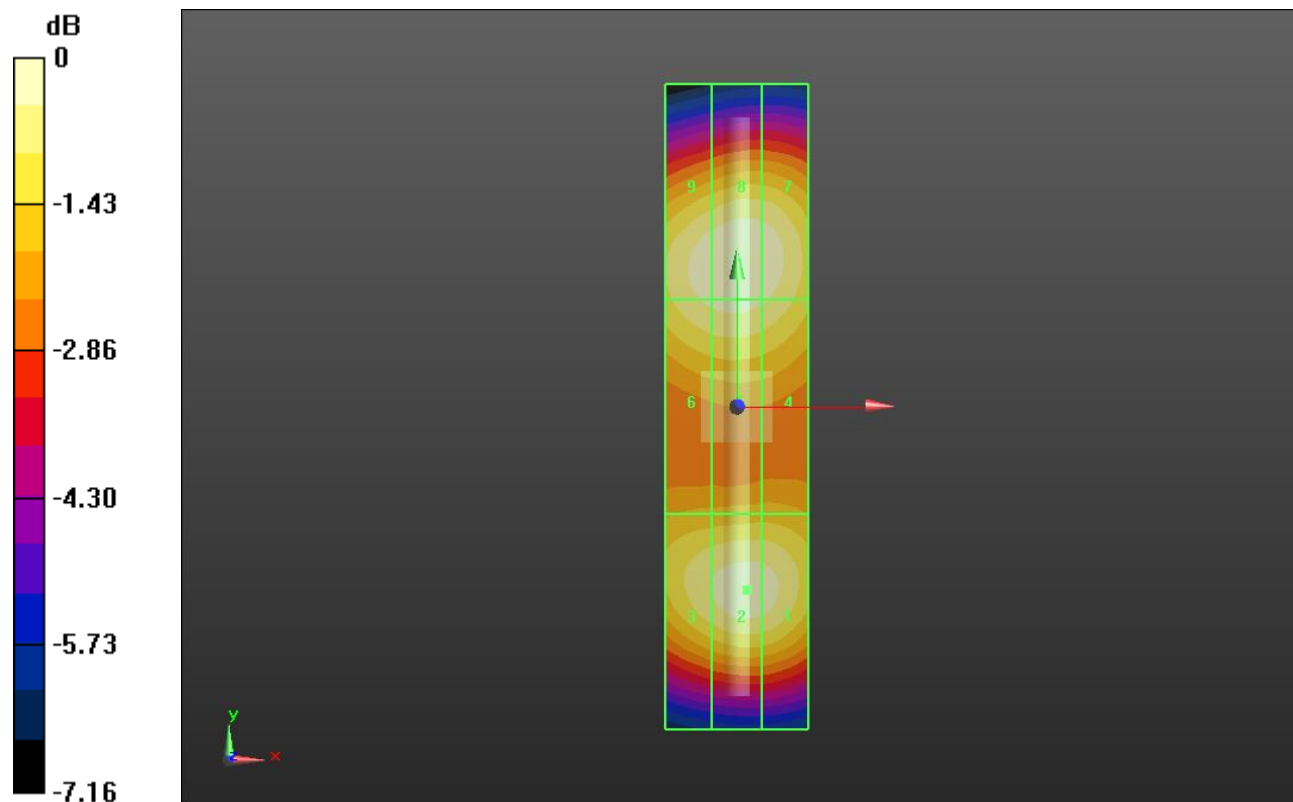
PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 89.64 V/m

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

PMF scaled E-field

Grid 1 M3 87.14 V/m	Grid 2 M3 87.77 V/m	Grid 3 M3 85.04 V/m
Grid 4 M3 85.47 V/m	Grid 5 M3 86.91 V/m	Grid 6 M3 86.05 V/m
Grid 7 M3 88.40 V/m	Grid 8 M3 89.64 V/m	Grid 9 M3 88.30 V/m



0 dB = 89.64 V/m = 39.05 dBV/m