

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 = 133.2 V/m; Power Drift = -0.05 dB

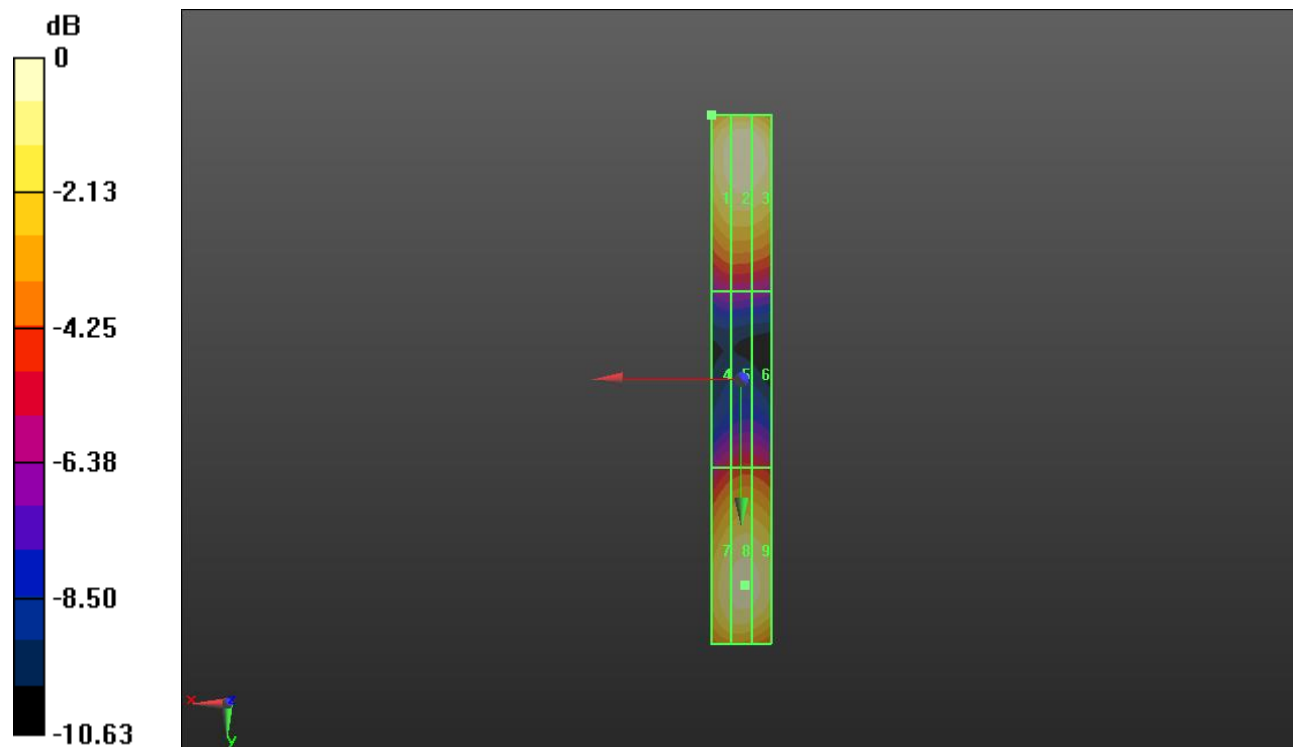
PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 118.1 V/m

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

PMF scaled E-field

Grid 1 M4 114.2 V/m	Grid 2 M4 118.1 V/m	Grid 3 M4 117.3 V/m
Grid 4 M4 66.19 V/m	Grid 5 M4 69.06 V/m	Grid 6 M4 68.70 V/m
Grid 7 M4 110.1 V/m	Grid 8 M4 114.0 V/m	Grid 9 M4 112.6 V/m



0 dB = 118.1 V/m = 41.44 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 = 140.6 V/m; Power Drift = 0.08 dB

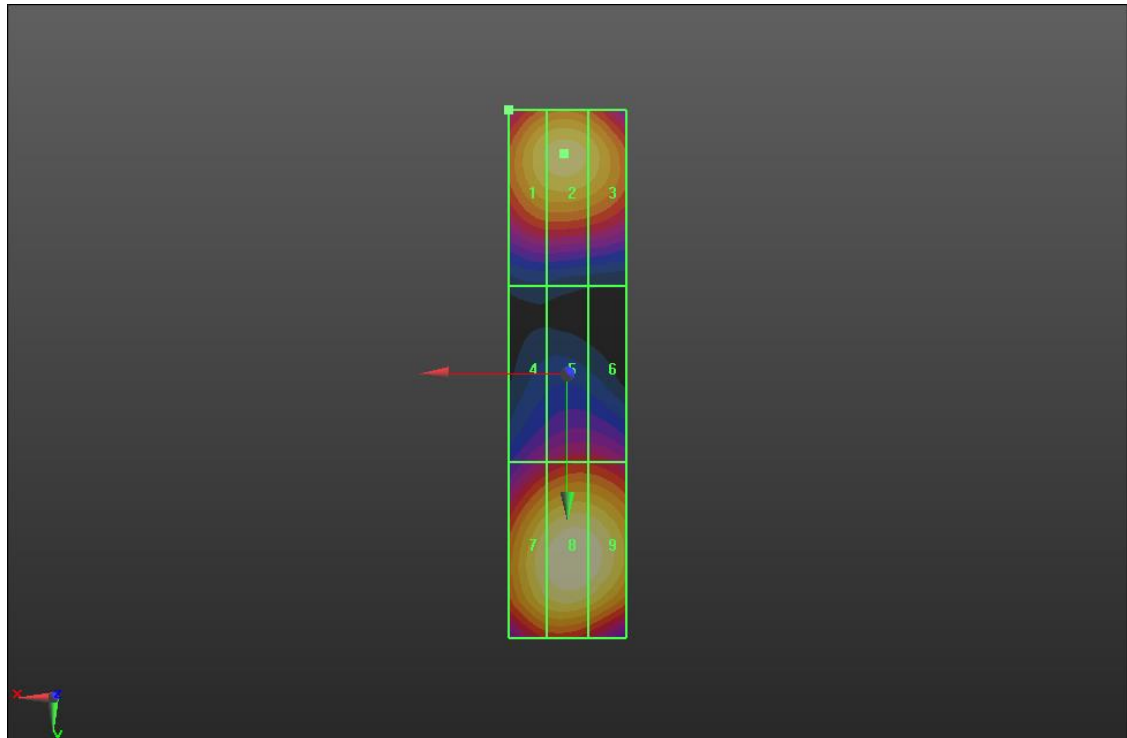
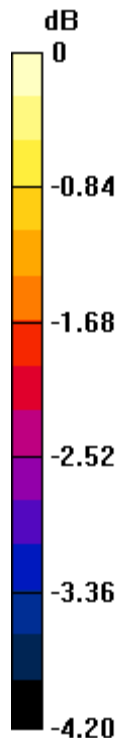
PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 89.13 V/m

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

PMF scaled E-field

Grid 1 M3 84.01 V/m	Grid 2 M3 85.10 V/m	Grid 3 M3 83.26 V/m
Grid 4 M3 68.46 V/m	Grid 5 M3 70.94 V/m	Grid 6 M3 70.83 V/m
Grid 7 M3 86.54 V/m	Grid 8 M3 89.13 V/m	Grid 9 M3 88.37 V/m



0 dB = 89.13 V/m = 39.00 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 (41x361x1):

Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 71.96 V/m; Power Drift = -0.04 dB

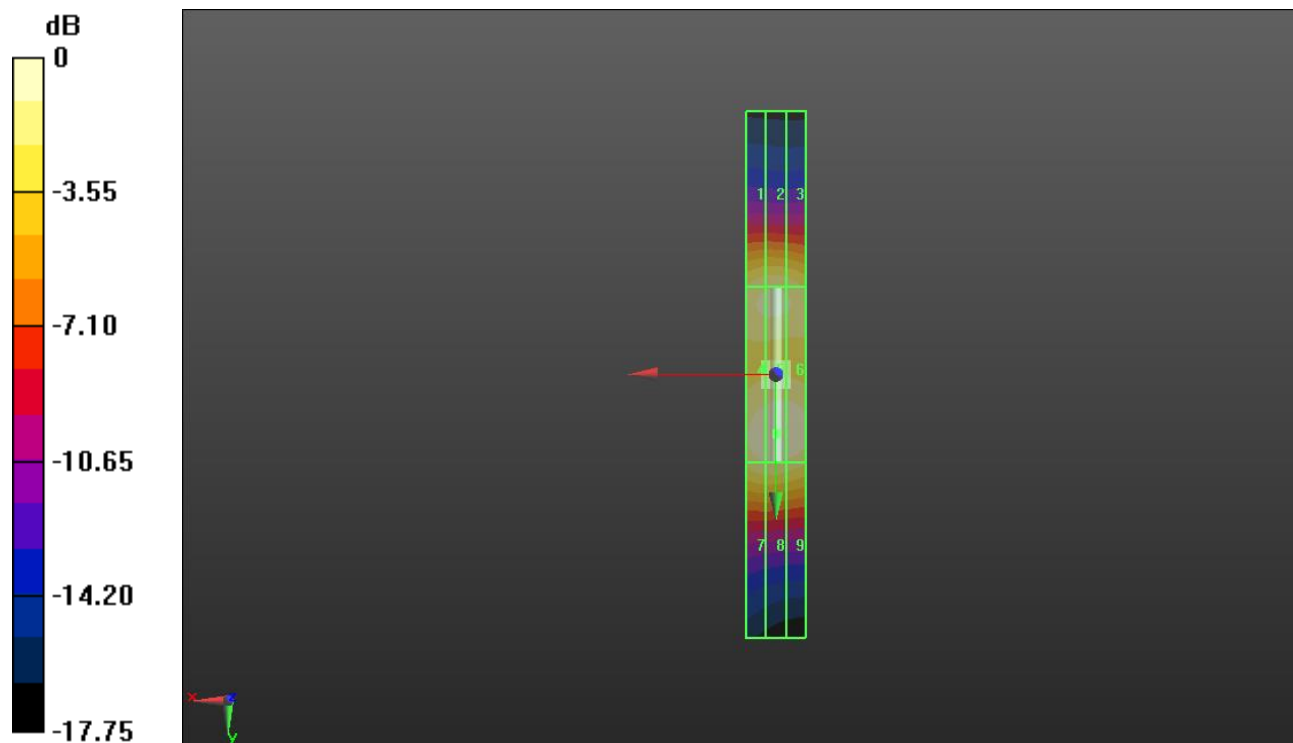
PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 91.64 V/m

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

PMF scaled E-field

Grid 1 M3 78.13 V/m	Grid 2 M3 79.15 V/m	Grid 3 M3 76.77 V/m
Grid 4 M3 89.43 V/m	Grid 5 M3 91.64 V/m	Grid 6 M3 90.57 V/m
Grid 7 M3 79.97 V/m	Grid 8 M3 80.48 V/m	Grid 9 M3 77.92 V/m



0 dB = 91.64 V/m = 39.24 dBV/m

HAC-RF Emission

Frequency: 835 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $\sigma = 0 \text{ S/m}$, $\epsilon_r = 1$; $\rho = 0 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 1/14/2015
- Probe: ER3DV6 - SN2540; ConvF(1, 1, 1); Calibrated: 8/26/2014;
- Sensor-Surface: (Fix Surface)
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB; Serial: 1155

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 = 125.5 V/m; Power Drift = -0.01 dB

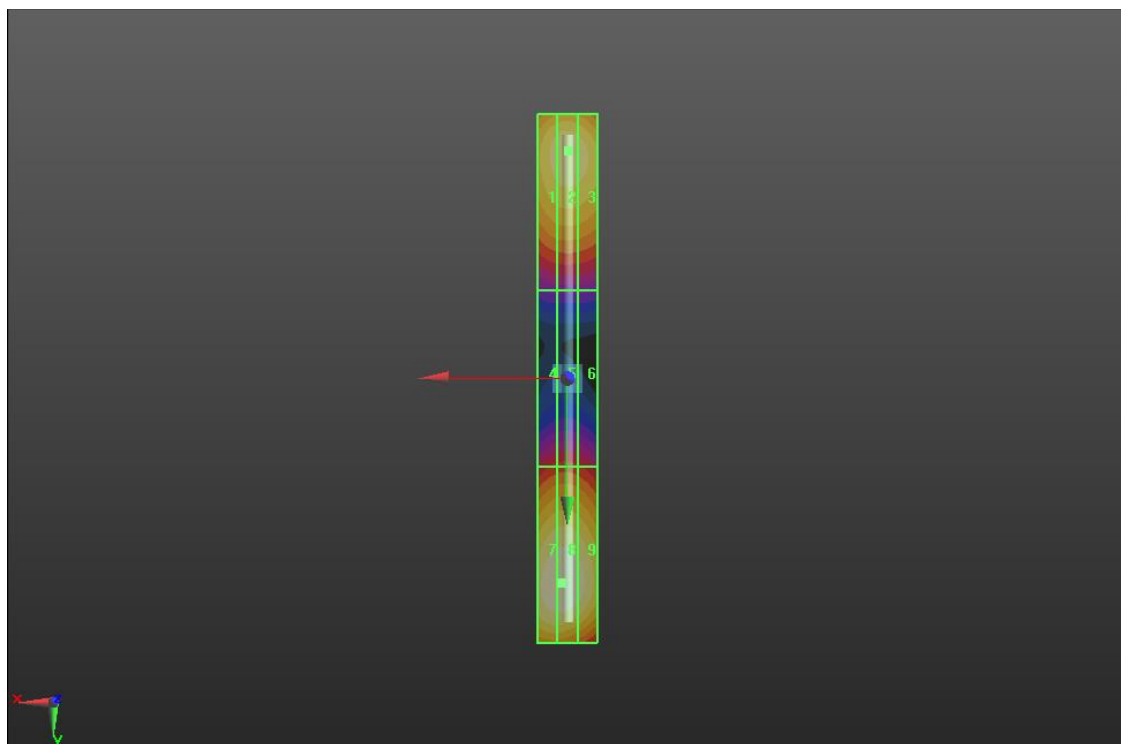
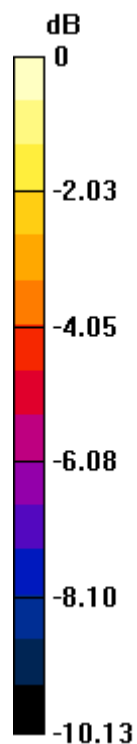
PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 108.8 V/m

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

PMF scaled E-field

Grid 1 M4 96.82 V/m	Grid 2 M4 98.77 V/m	Grid 3 M4 97.36 V/m
Grid 4 M4 65.16 V/m	Grid 5 M4 65.81 V/m	Grid 6 M4 64.35 V/m
Grid 7 M4 108.5 V/m	Grid 8 M4 108.8 V/m	Grid 9 M4 105.0 V/m



0 dB = 108.8 V/m = 40.73 dBV/m

HAC-RF Emission

Frequency: 1880 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $\sigma = 0 \text{ S/m}$, $\epsilon_r = 1$; $\rho = 0 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 1/14/2015
- Probe: ER3DV6 - SN2540; ConvF(1, 1, 1); Calibrated: 8/26/2014;
- Sensor-Surface: (Fix Surface)
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB; Serial: 1155

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 = 64.36 V/m; Power Drift = 0.14 dB

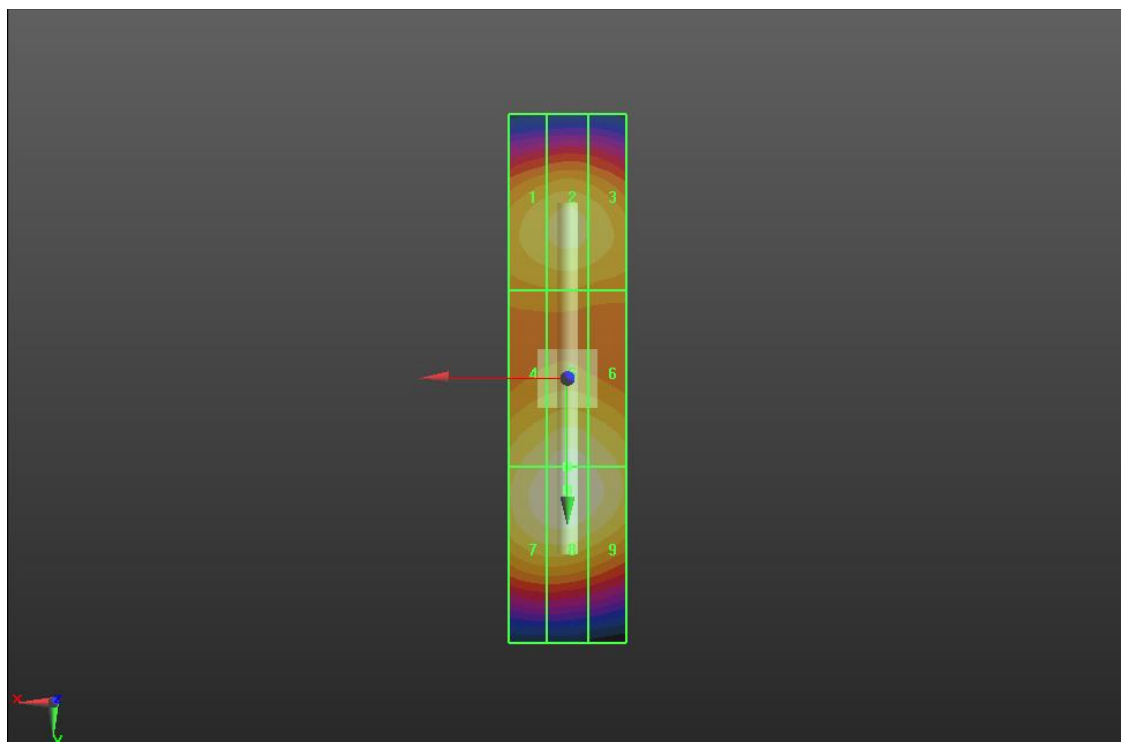
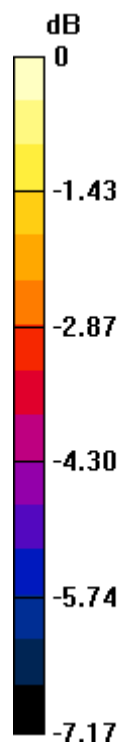
PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 89.36 V/m

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

PMF scaled E-field

Grid 1 M3 80.04 V/m	Grid 2 M3 82.08 V/m	Grid 3 M3 80.14 V/m
Grid 4 M3 85.38 V/m	Grid 5 M3 87.75 V/m	Grid 6 M3 85.61 V/m
Grid 7 M3 87.86 V/m	Grid 8 M3 89.36 V/m	Grid 9 M3 87.57 V/m



0 dB = 89.36 V/m = 39.02 dBV/m