

## HAC RF-Emission

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4066; ConvF(1, 1, 1) @ 835 MHz; Calibrated: 2019-09-24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1447; Calibrated: 2020-03-20
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.13 (7474)

### 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 = 128.3 V/m; Power Drift = 0.02 dB

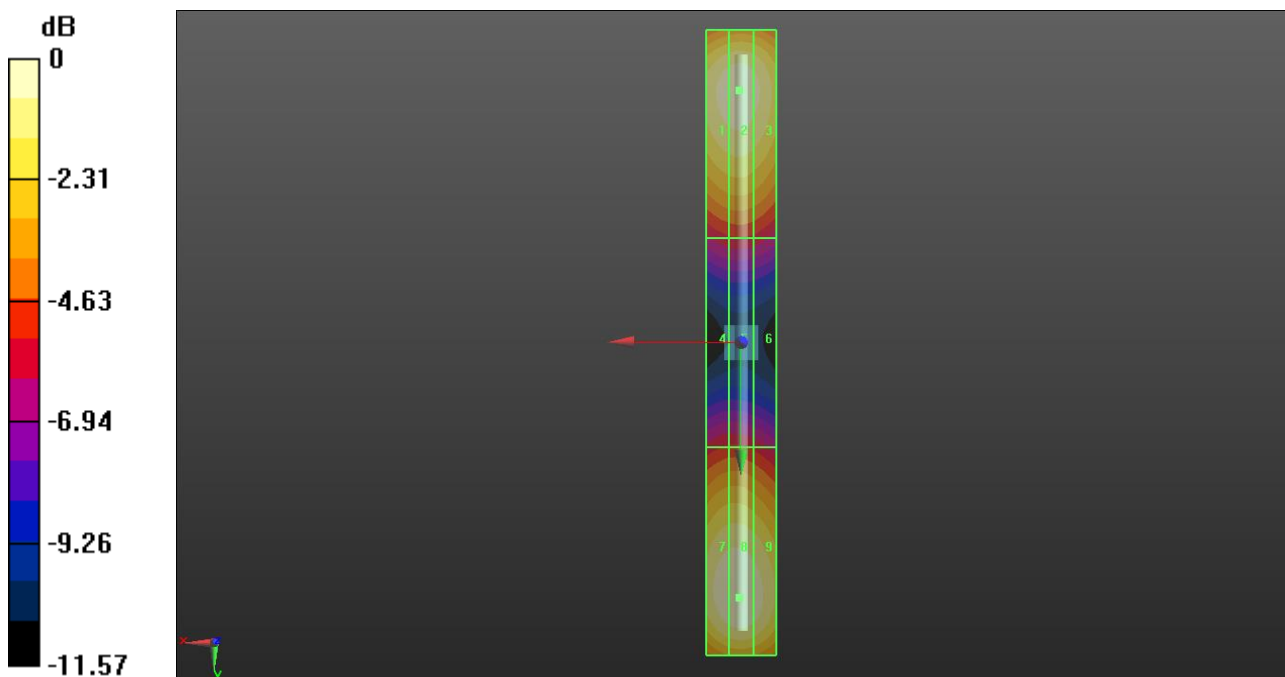
PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 117.2 V/m

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

PMF scaled E-field

Grid 1 M4 112.9 V/m	Grid 2 M4 114.5 V/m	Grid 3 M4 111.0 V/m
Grid 4 M4 63.99 V/m	Grid 5 M4 64.12 V/m	Grid 6 M4 61.60 V/m
Grid 7 M4 115.8 V/m	Grid 8 M4 117.2 V/m	Grid 9 M4 113.4 V/m



0 dB = 117.2 V/m = 41.38 dBV/m

## HAC RF-Emission

Communication System: UID 0, CW (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4066; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 2019-09-24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1447; Calibrated: 2020-03-20
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.13 (7474)

### 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 = 149.9 V/m; Power Drift = -0.02 dB

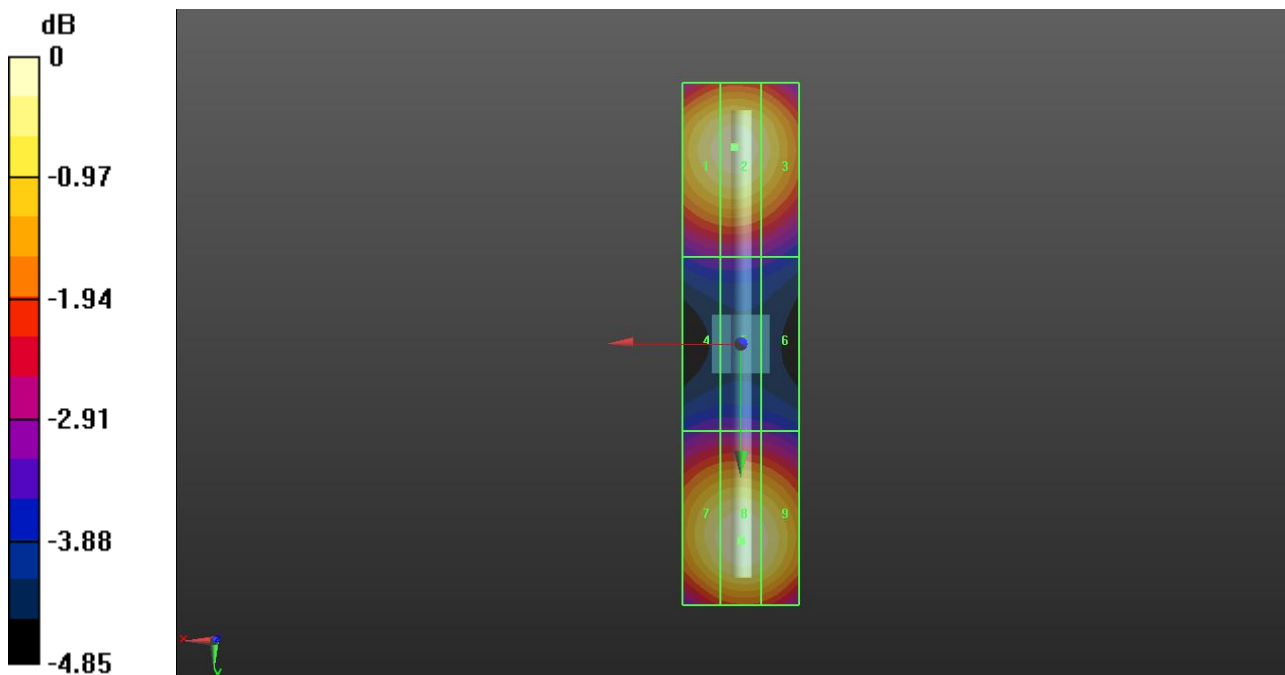
PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 90.66 V/m

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

PMF scaled E-field

Grid 1 M3 89.03 V/m	Grid 2 M3 89.92 V/m	Grid 3 M3 86.73 V/m
Grid 4 M3 63.34 V/m	Grid 5 M3 63.40 V/m	Grid 6 M4 62.54 V/m
Grid 7 M3 88.43 V/m	Grid 8 M3 90.66 V/m	Grid 9 M3 88.94 V/m



0 dB = 90.66 V/m = 39.15 dBV/m

## HAC RF-Emission

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

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4066; ConvF(1, 1, 1) @ 2450 MHz; Calibrated: 2019-09-24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1447; Calibrated: 2020-03-20
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.13 (7474)

### Dipole E-Field measurement 2450MHz/2450 MHz/Hearing Aid Compatibility Test at 15mm distance (41x161x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 75.52 V/m; Power Drift = -0.01 dB

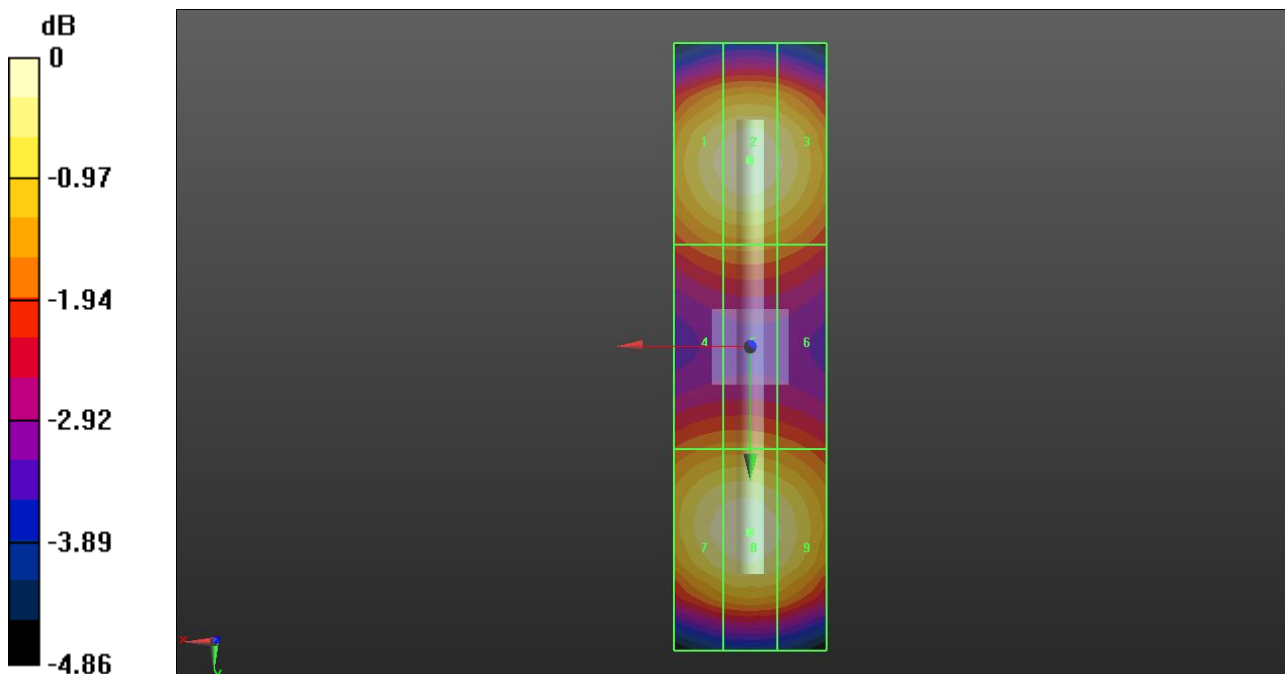
PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 87.84 V/m

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

PMF scaled E-field

Grid 1 M3 86.00 V/m	Grid 2 M3 87.84 V/m	Grid 3 M3 85.43 V/m
Grid 4 M3 74.36 V/m	Grid 5 M3 74.58 V/m	Grid 6 M3 73.49 V/m
Grid 7 M3 86.17 V/m	Grid 8 M3 87.61 V/m	Grid 9 M3 85.21 V/m



0 dB = 87.84 V/m = 38.87 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: EF3DV3 - SN4066; ConvF(1, 1, 1) @ 2600 MHz; Calibrated: 2019-09-24

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn1447; Calibrated: 2020-03-20

- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB

- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

### 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 = 69.15 V/m; Power Drift = -0.01 dB

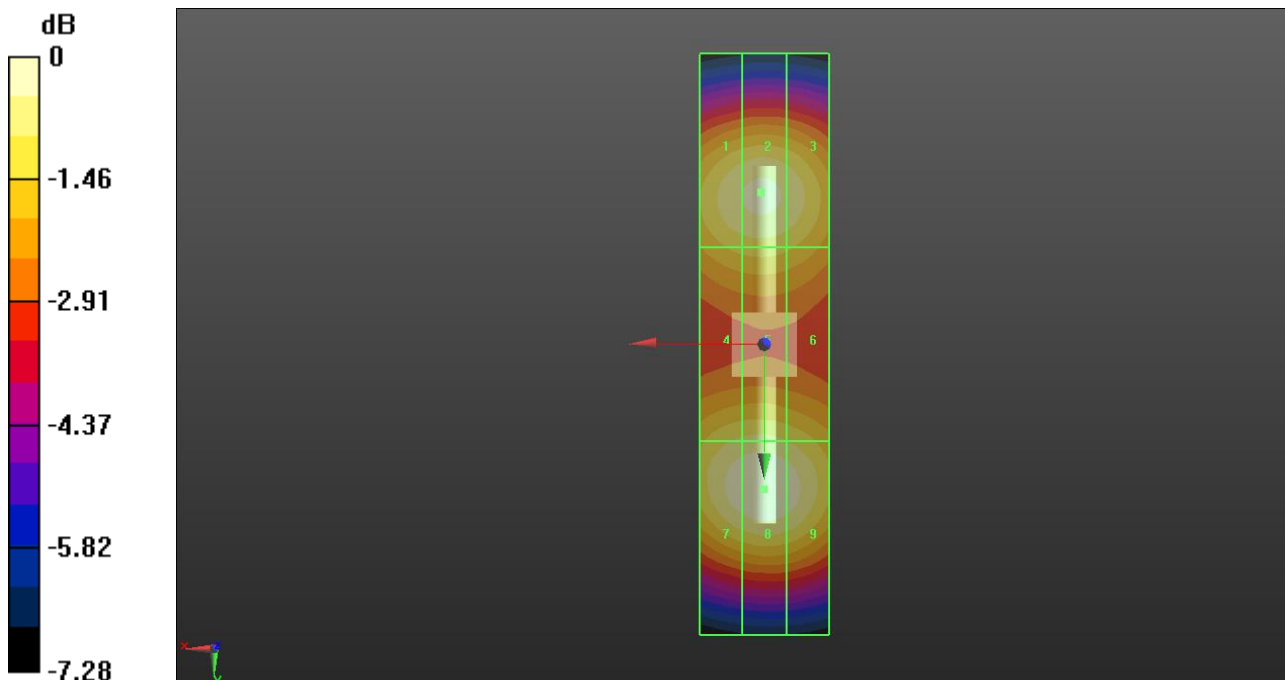
PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 94.19 V/m

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

PMF scaled E-field

Grid 1 M3 89.18 V/m	Grid 2 M3 90.65 V/m	Grid 3 M3 88.24 V/m
Grid 4 M3 85.45 V/m	Grid 5 M3 86.17 V/m	Grid 6 M3 84.31 V/m
Grid 7 M3 92.45 V/m	Grid 8 M3 94.19 V/m	Grid 9 M3 91.99 V/m



0 dB = 94.19 V/m = 39.48 dBV/m