

HAC-RF Emission System Check 2011

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 835 MHz; Calibrated: 9/22/2022

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022

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

- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

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 = 120.1 V/m; Power Drift = -0.04 dB

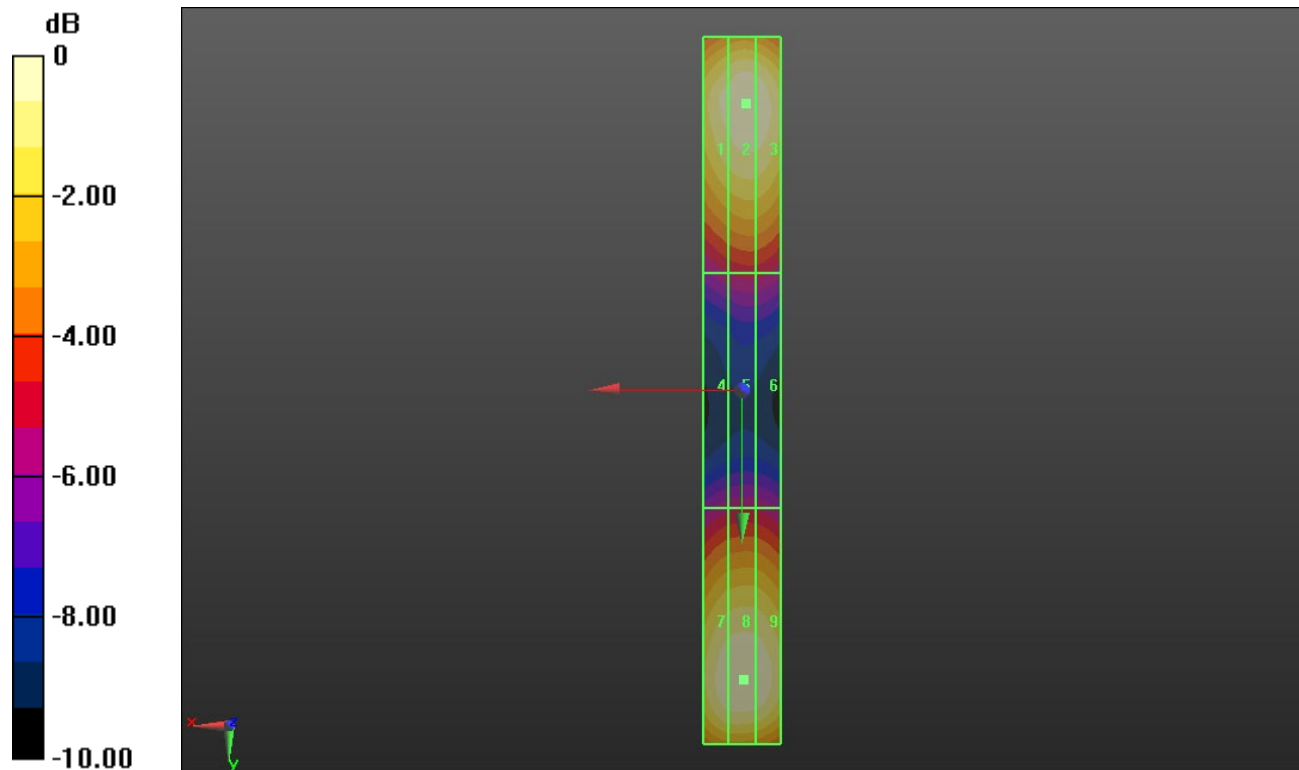
Applied MIF = 0.00 dB

RF audio interference level = 40.78 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M3 40.5 dBV/m	Grid 2 M3 40.78 dBV/m	Grid 3 M3 40.7 dBV/m
Grid 4 M4 35.47 dBV/m	Grid 5 M4 35.79 dBV/m	Grid 6 M4 35.77 dBV/m
Grid 7 M3 40.64 dBV/m	Grid 8 M3 40.77 dBV/m	Grid 9 M3 40.7 dBV/m



0 dB = 109.5 V/m = 40.79 dBV/m

HAC-RF Emission System Check 2011

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

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 = 149.8 V/m; Power Drift = -0.05 dB

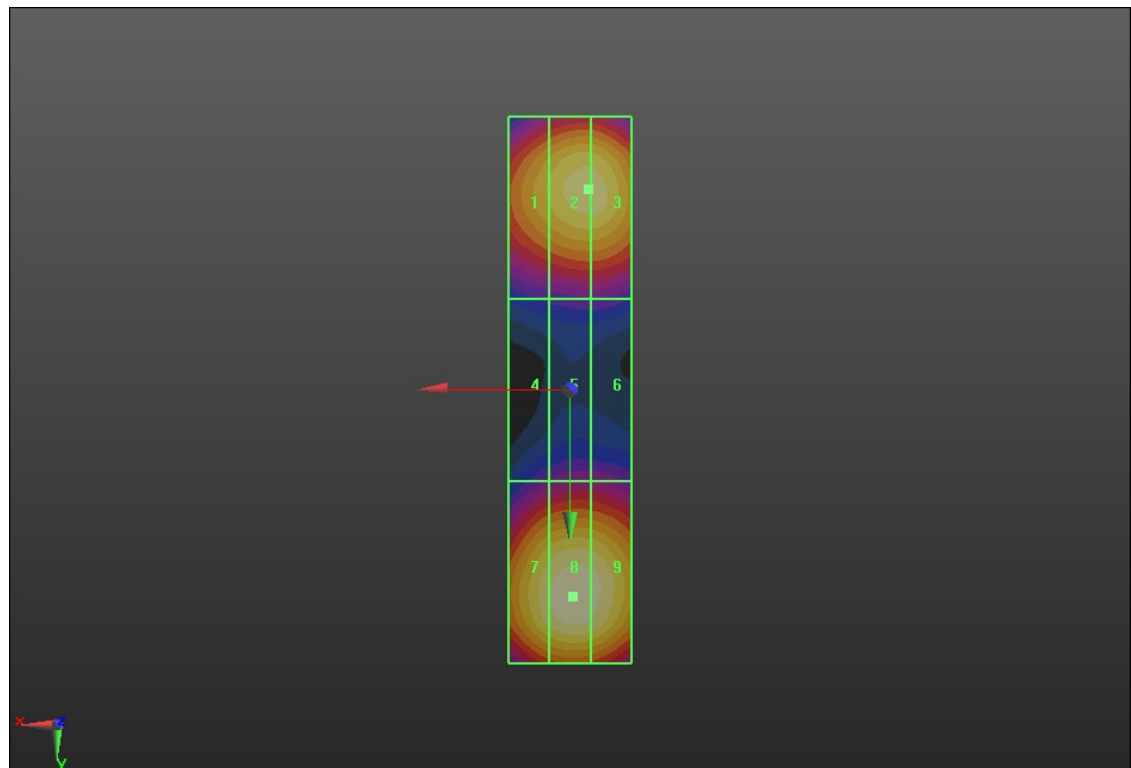
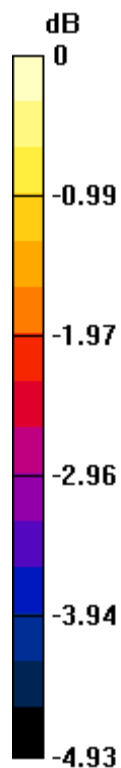
Applied MIF = 0.00 dB

RF audio interference level = 39.17 dBV/m

Emission category: M2

MIF scaled E-field

Grid 1 M2 38.24 dBV/m	Grid 2 M2 38.73 dBV/m	Grid 3 M2 38.73 dBV/m
Grid 4 M2 35.97 dBV/m	Grid 5 M2 36.24 dBV/m	Grid 6 M2 36.24 dBV/m
Grid 7 M2 38.82 dBV/m	Grid 8 M2 39.17 dBV/m	Grid 9 M2 39.02 dBV/m



0 dB = 90.84 V/m = 39.17 dBV/m

HAC-RF Emission System Check 2011

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2450 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

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 = 78.60 V/m; Power Drift = 0.14 dB

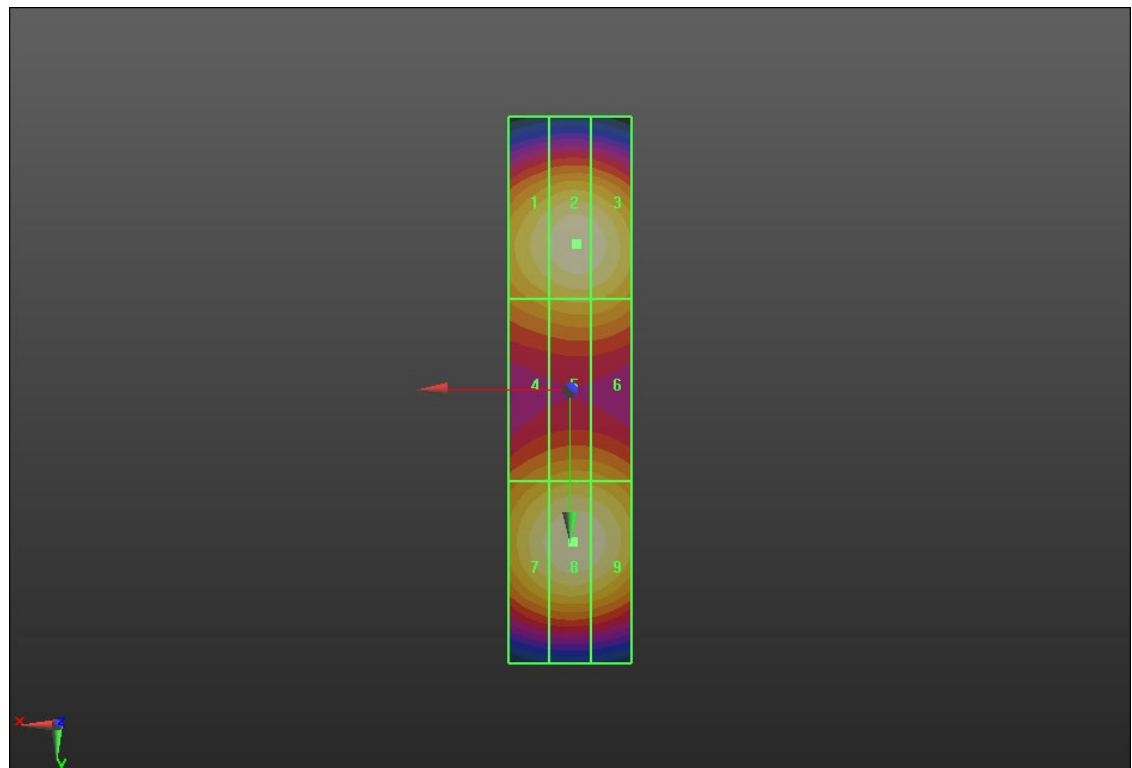
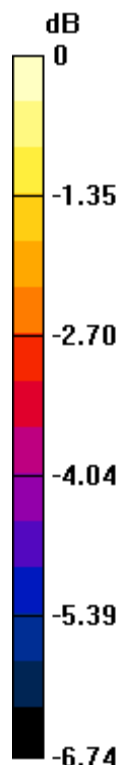
Applied MIF = 0.00 dB

RF audio interference level = 39.05 dBV/m

Emission category: M2

MIF scaled E-field

Grid 1 M2 38.62 dBV/m	Grid 2 M2 38.99 dBV/m	Grid 3 M2 38.9 dBV/m
Grid 4 M2 37.56 dBV/m	Grid 5 M2 37.84 dBV/m	Grid 6 M2 37.81 dBV/m
Grid 7 M2 38.72 dBV/m	Grid 8 M2 39.05 dBV/m	Grid 9 M2 38.91 dBV/m



0 dB = 89.62 V/m = 39.05 dBV/m

HAC-RF Emission System Check 2011

Communication System: UID 0, CW (0); Frequency: 2600 MHz; Duty Cycle: 1:1

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2600 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

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 = 65.51 V/m; Power Drift = 0.04 dB

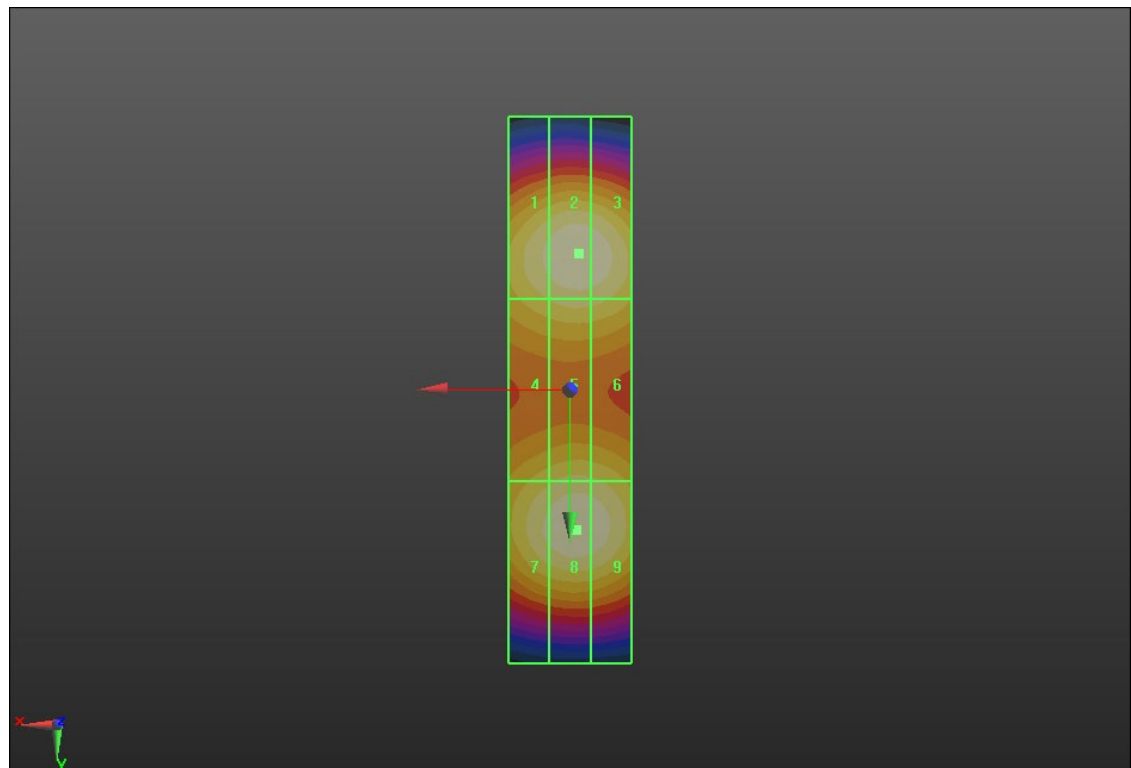
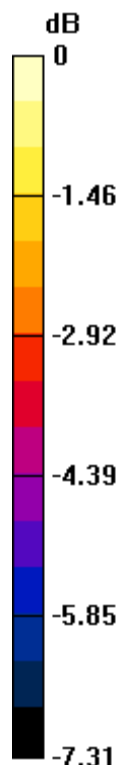
Applied MIF = 0.00 dB

RF audio interference level = 38.91 dBV/m

Emission category: M2

MIF scaled E-field

Grid 1 M2 38.56 dBV/m	Grid 2 M2 38.91 dBV/m	Grid 3 M2 38.83 dBV/m
Grid 4 M2 37.95 dBV/m	Grid 5 M2 38.2 dBV/m	Grid 6 M2 38.15 dBV/m
Grid 7 M2 38.55 dBV/m	Grid 8 M2 38.89 dBV/m	Grid 9 M2 38.79 dBV/m



0 dB = 88.20 V/m = 38.91 dBV/m

HAC-RF Emission System Check 2011

Communication System: UID 0, CW (0); Frequency: 3500 MHz; Duty Cycle: 1:1

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3500 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

Dipole E-Field Measurement 3500MHz/3500 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 = 33.37 V/m; Power Drift = 0.06 dB

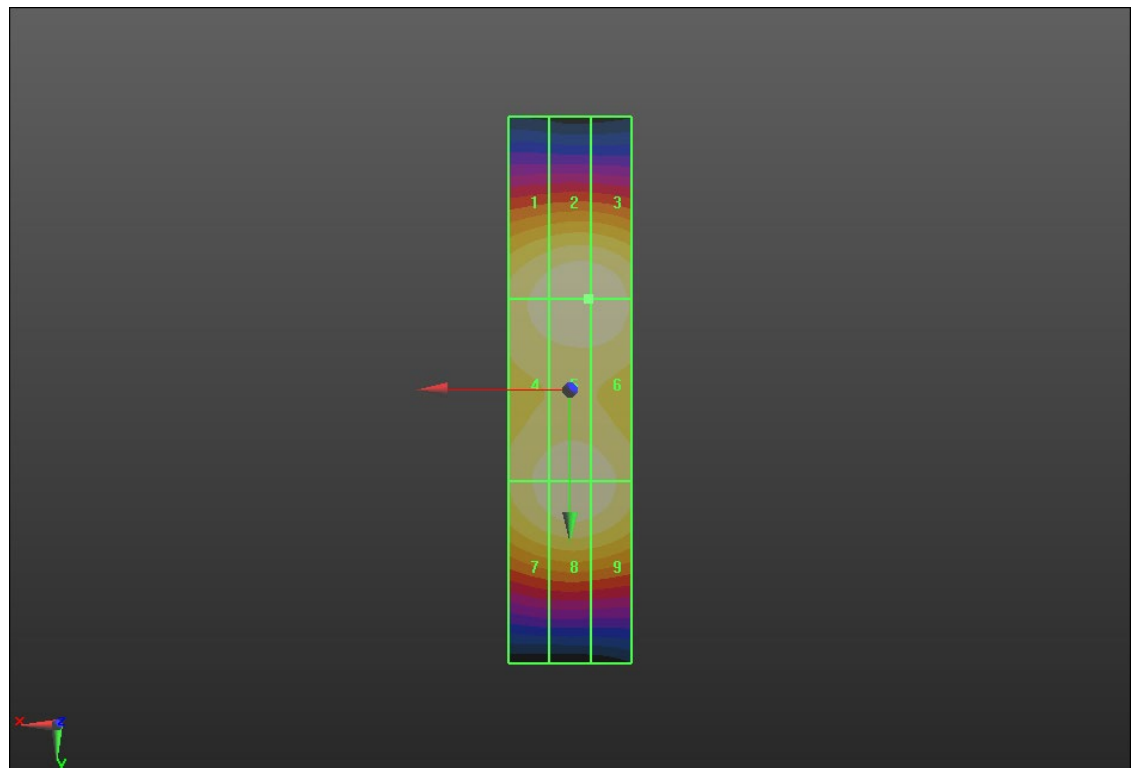
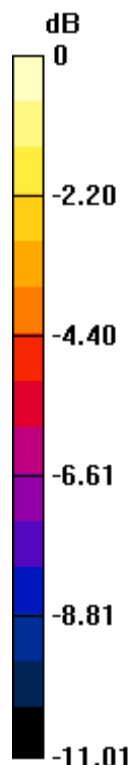
Applied MIF = 0.00 dB

RF audio interference level = 37.95 dBV/m

Emission category: M2

MIF scaled E-field

Grid 1 M2 37.6 dBV/m	Grid 2 M2 37.95 dBV/m	Grid 3 M2 37.95 dBV/m
Grid 4 M2 37.61 dBV/m	Grid 5 M2 37.95 dBV/m	Grid 6 M2 37.95 dBV/m
Grid 7 M2 37.57 dBV/m	Grid 8 M2 37.86 dBV/m	Grid 9 M2 37.73 dBV/m



0 dB = 79.00 V/m = 37.95 dBV/m

HAC-RF Emission System Check 2011

Communication System: UID 0, CW (0); Frequency: 5500 MHz; Duty Cycle: 1:1

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 5500 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

Dipole E-Field Measurement 5.5GHz/5.5GHz/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 = 23.44 V/m; Power Drift = 0.07 dB

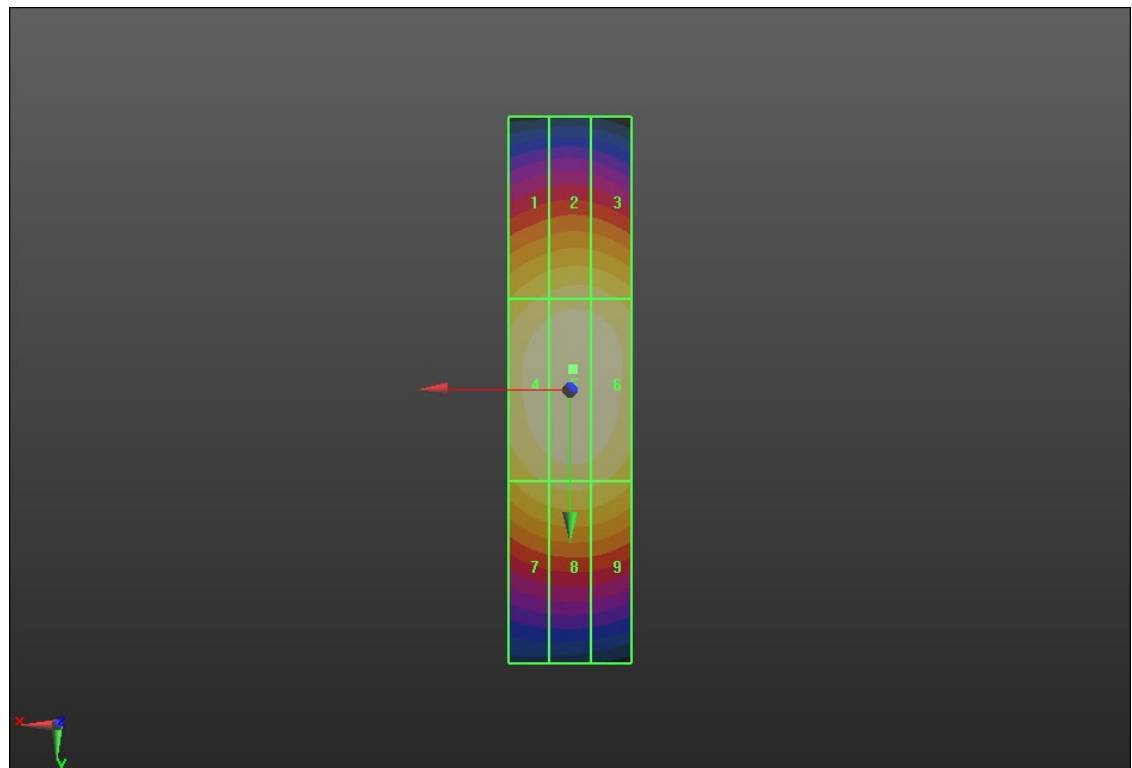
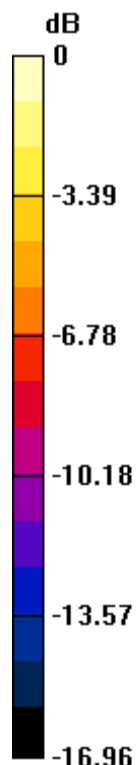
Applied MIF = 0.00 dB

RF audio interference level = 39.72 dBV/m

Emission category: M2

MIF scaled E-field

Grid 1 M2 37.8 dBV/m	Grid 2 M2 38.18 dBV/m	Grid 3 M2 38.09 dBV/m
Grid 4 M2 39.44 dBV/m	Grid 5 M2 39.72 dBV/m	Grid 6 M2 39.55 dBV/m
Grid 7 M2 37.66 dBV/m	Grid 8 M2 37.94 dBV/m	Grid 9 M2 37.77 dBV/m



0 dB = 96.81 V/m = 39.72 dBV/m