

HAC-RF Emission System Check

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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 = 70.36 V/m; Power Drift = 0.00 dB

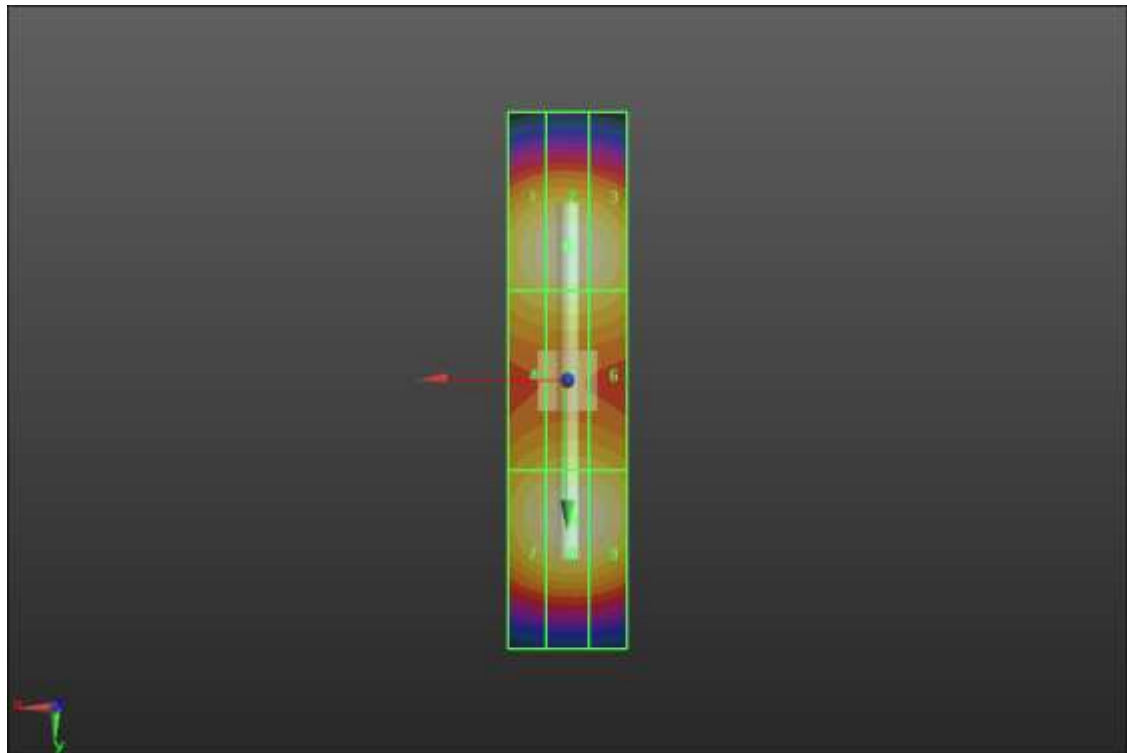
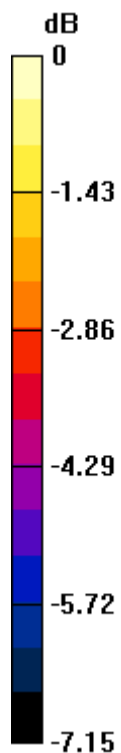
Applied MIF = 0.00 dB

RF audio interference level = 39.21 dBV/m

Emission category: M2

MIF scaled E-field

Grid 1 M2 38.99 dBV/m	Grid 2 M2 39.18 dBV/m	Grid 3 M2 39.02 dBV/m
Grid 4 M2 38.35 dBV/m	Grid 5 M2 38.51 dBV/m	Grid 6 M2 38.43 dBV/m
Grid 7 M2 38.92 dBV/m	Grid 8 M2 39.21 dBV/m	Grid 9 M2 39.12 dBV/m



0 dB = 91.32 V/m = 39.21 dBV/m

HAC-RF Emission System Check

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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 = 34.74 V/m; Power Drift = 0.02 dB

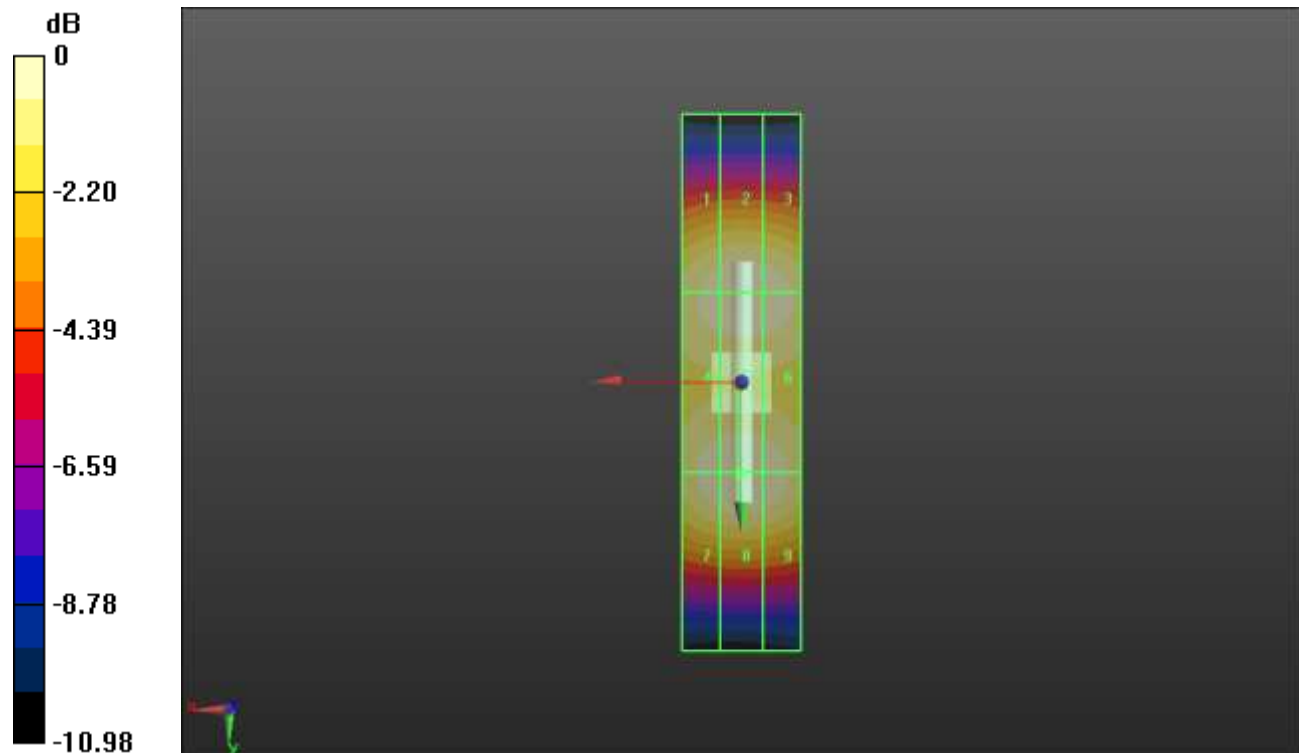
Applied MIF = 0.00 dB

RF audio interference level = 38.65 dBV/m

Emission category: M2

MIF scaled E-field

Grid 1 M2 38.35 dBV/m	Grid 2 M2 38.55 dBV/m	Grid 3 M2 38.47 dBV/m
Grid 4 M2 38.46 dBV/m	Grid 5 M2 38.64 dBV/m	Grid 6 M2 38.49 dBV/m
Grid 7 M2 38.46 dBV/m	Grid 8 M2 38.65 dBV/m	Grid 9 M2 38.49 dBV/m



0 dB = 85.56 V/m = 38.65 dBV/m

HAC-RF Emission System Check

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

Dasy Configuration:

- Phantom section: RF Section
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Probe: EF3DV3 - SN4028; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB; Serial: 1155
- 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 = 129.4 V/m; Power Drift = 0.02 dB

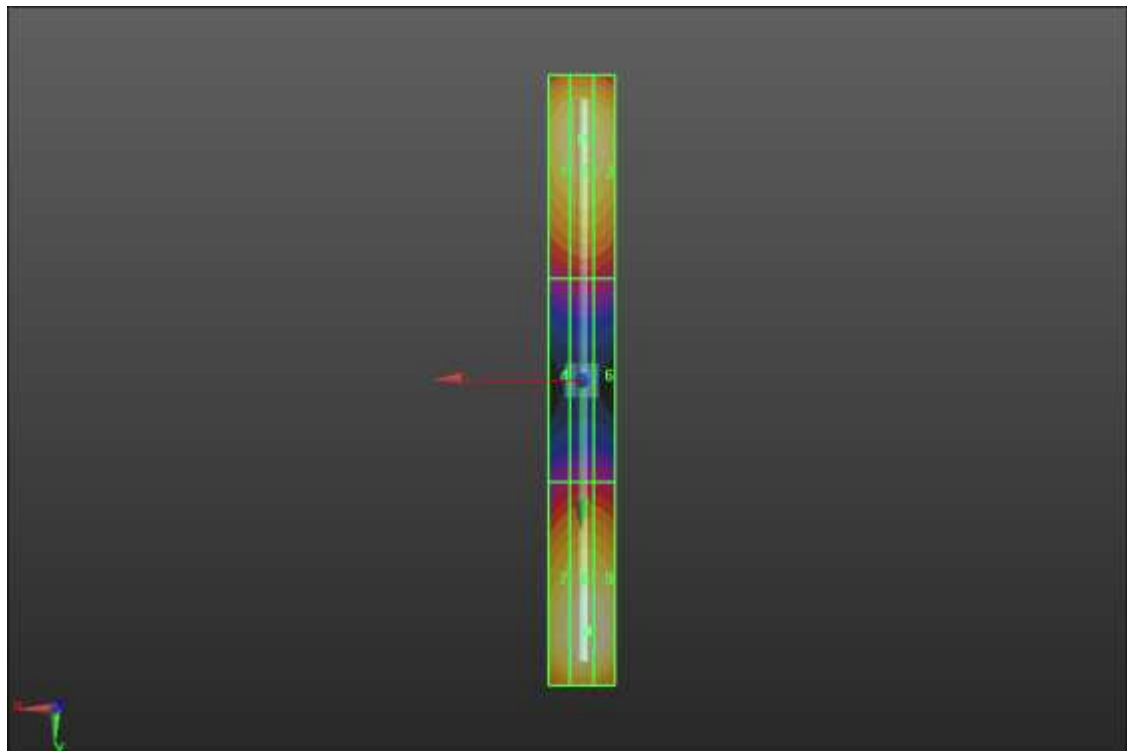
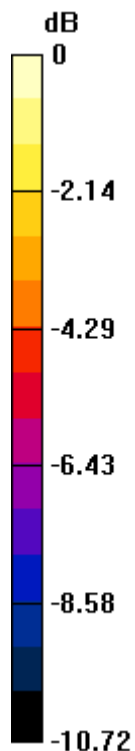
Applied MIF = 0.00 dB

RF audio interference level = 41.68 dBV/m

Emission category: **M3**

MIF scaled E-field

Grid 1 M3 40.81 dBV/m	Grid 2 M3 41.03 dBV/m	Grid 3 M3 40.88 dBV/m
Grid 4 M4 36.04 dBV/m	Grid 5 M4 36.28 dBV/m	Grid 6 M4 36.23 dBV/m
Grid 7 M3 41.27 dBV/m	Grid 8 M3 41.68 dBV/m	Grid 9 M3 41.61 dBV/m



0 dB = 121.3 V/m = 41.68 dBV/m

HAC-RF Emission System Check

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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 = 159.5 V/m; Power Drift = 0.01 dB

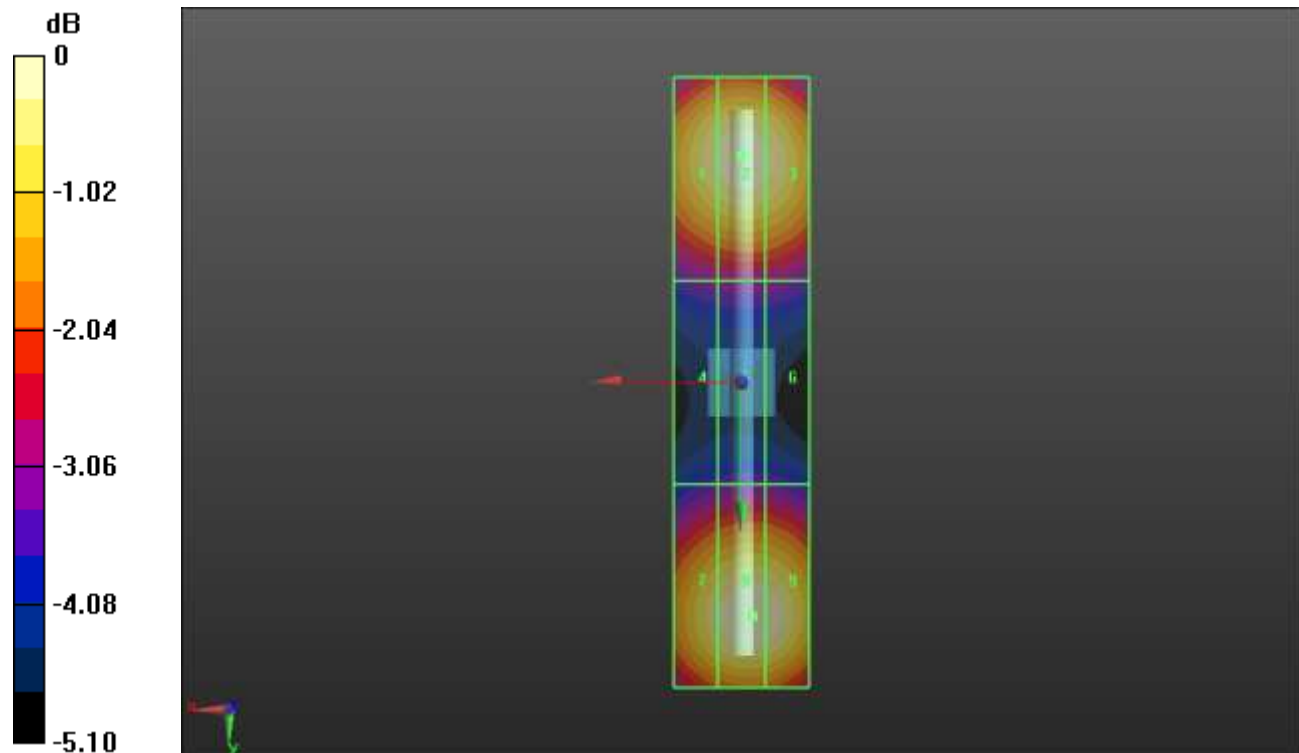
Applied MIF = 0.00 dB

RF audio interference level = 39.48 dBV/m

Emission category: M2

MIF scaled E-field

Grid 1 M2 39.2 dBV/m	Grid 2 M2 39.42 dBV/m	Grid 3 M2 39.27 dBV/m
Grid 4 M2 36.36 dBV/m	Grid 5 M2 36.49 dBV/m	Grid 6 M2 36.46 dBV/m
Grid 7 M2 39.12 dBV/m	Grid 8 M2 39.48 dBV/m	Grid 9 M2 39.43 dBV/m



0 dB = 94.16 V/m = 39.48 dBV/m

HAC-RF Emission System Check

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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 = 80.96 V/m; Power Drift = 0.00 dB

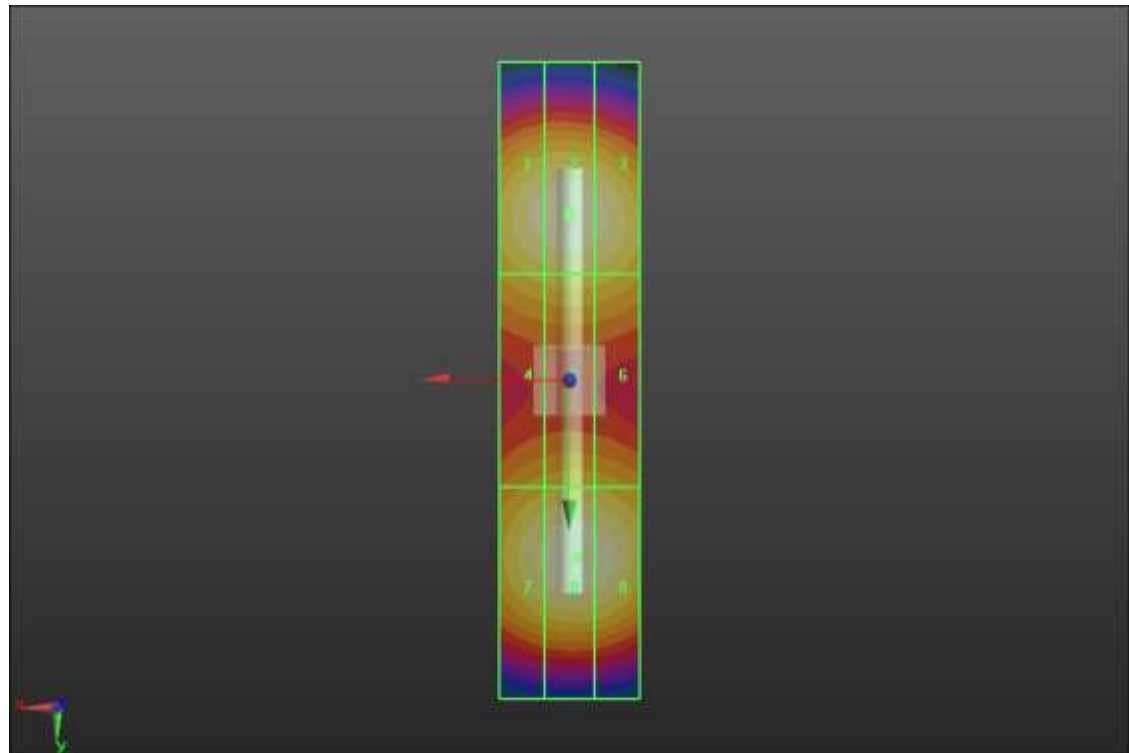
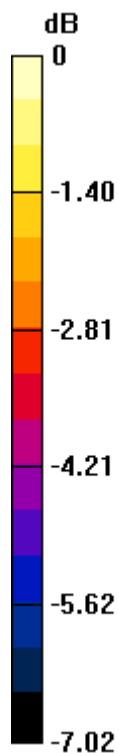
Applied MIF = 0.00 dB

RF audio interference level = 39.11 dBV/m

Emission category: M2

MIF scaled E-field

Grid 1 M2 38.88 dBV/m	Grid 2 M2 39.06 dBV/m	Grid 3 M2 38.86 dBV/m
Grid 4 M2 37.96 dBV/m	Grid 5 M2 38.11 dBV/m	Grid 6 M2 38.02 dBV/m
Grid 7 M2 38.82 dBV/m	Grid 8 M2 39.11 dBV/m	Grid 9 M2 39.03 dBV/m



0 dB = 90.26 V/m = 39.11 dBV/m

HAC-RF Emission System Check

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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 = 23.72 V/m; Power Drift = 0.02 dB

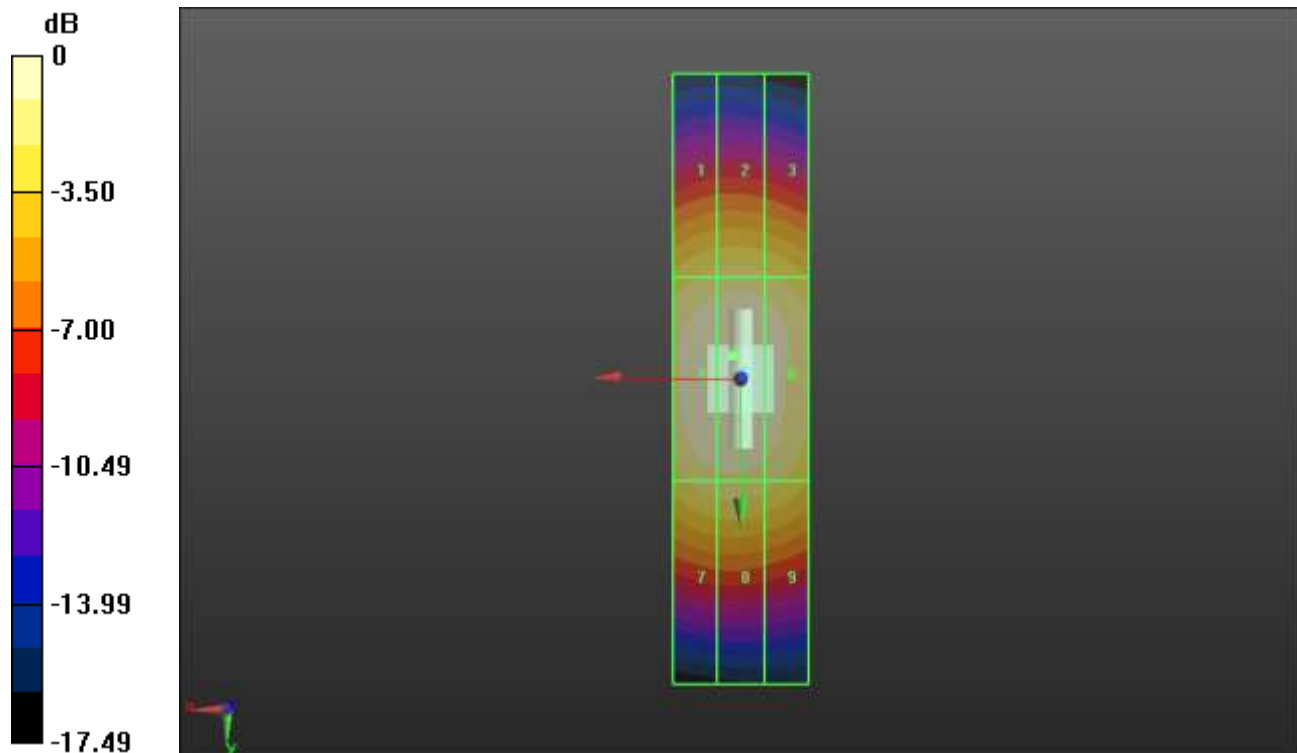
Applied MIF = 0.00 dB

RF audio interference level = 40.64 dBV/m

Emission category: M1

MIF scaled E-field

Grid 1 M2 38.74 dBV/m	Grid 2 M2 38.85 dBV/m	Grid 3 M2 38.57 dBV/m
Grid 4 M1 40.54 dBV/m	Grid 5 M1 40.64 dBV/m	Grid 6 M1 40.24 dBV/m
Grid 7 M2 39.08 dBV/m	Grid 8 M2 39.21 dBV/m	Grid 9 M2 38.81 dBV/m



0 dB = 107.6 V/m = 40.64 dBV/m