

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 = 66.97 V/m; Power Drift = 0.01 dB

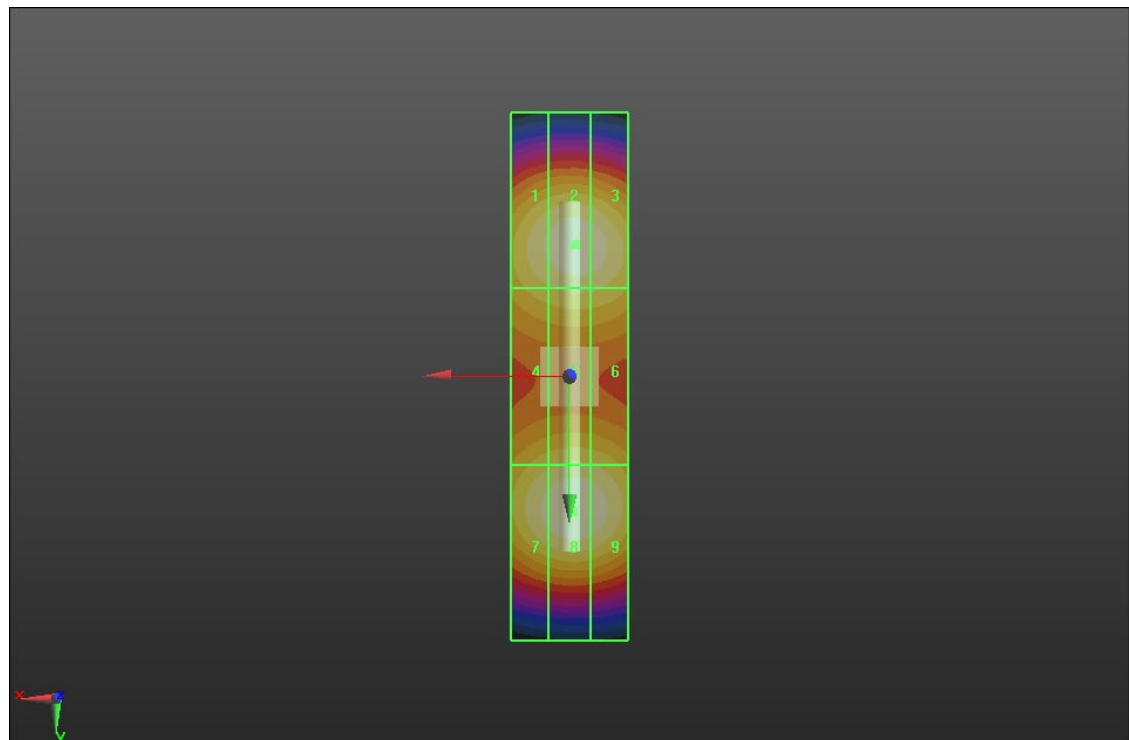
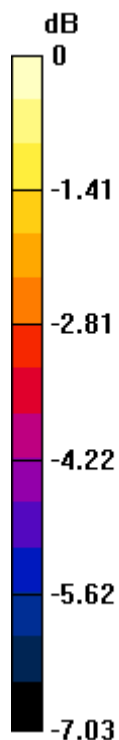
Applied MIF = 0.00 dB

RF audio interference level = 39.17 dBV/m

Emission category: M2

MIF scaled E-field

Grid 1 M2 38.81 dBV/m	Grid 2 M2 39.08 dBV/m	Grid 3 M2 38.99 dBV/m
Grid 4 M2 38.17 dBV/m	Grid 5 M2 38.37 dBV/m	Grid 6 M2 38.34 dBV/m
Grid 7 M2 38.9 dBV/m	Grid 8 M2 39.17 dBV/m	Grid 9 M2 39.06 dBV/m



0 dB = 90.87 V/m = 39.17 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 = 35.75 V/m; Power Drift = 0.02 dB

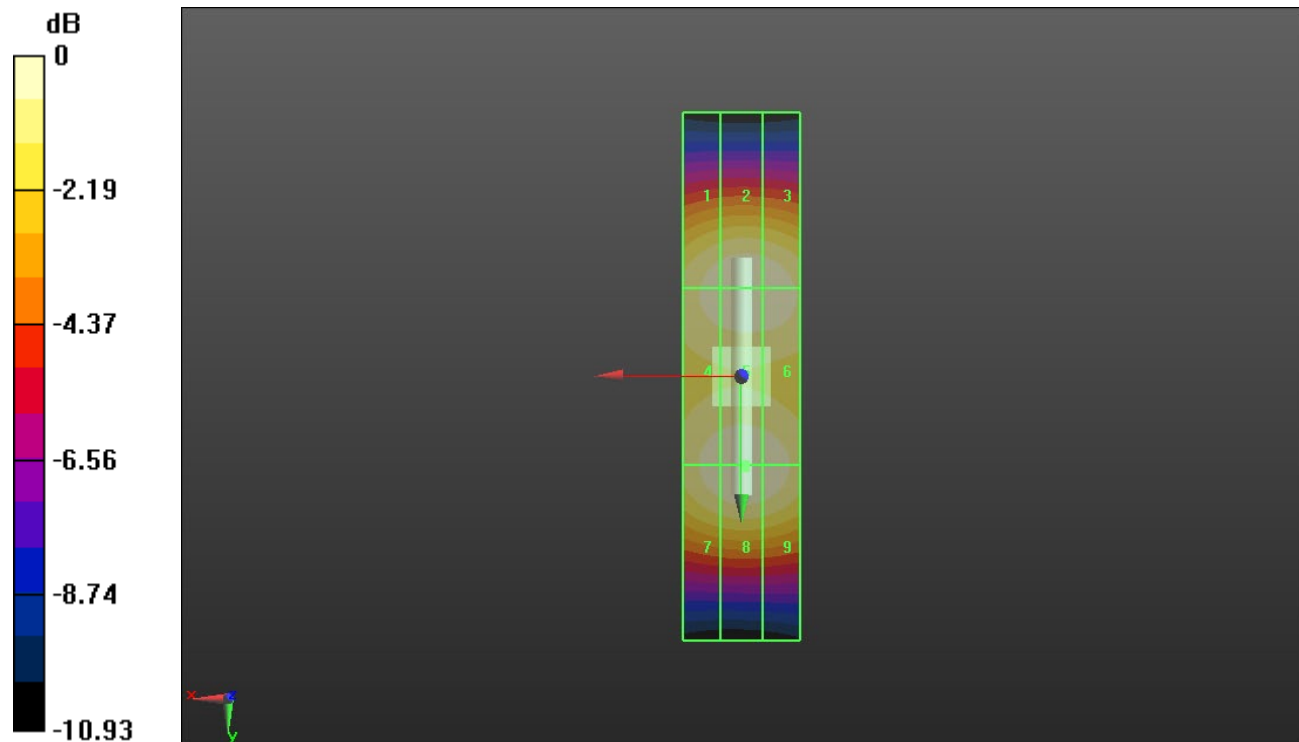
Applied MIF = 0.00 dB

RF audio interference level = 38.98 dBV/m

Emission category: M2

MIF scaled E-field

Grid 1 M2 38.7 dBV/m	Grid 2 M2 38.95 dBV/m	Grid 3 M2 38.88 dBV/m
Grid 4 M2 38.76 dBV/m	Grid 5 M2 38.98 dBV/m	Grid 6 M2 38.89 dBV/m
Grid 7 M2 38.76 dBV/m	Grid 8 M2 38.98 dBV/m	Grid 9 M2 38.85 dBV/m



0 dB = 88.93 V/m = 38.98 dBV/m

HAC-RF Emission System Check

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: 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 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 = 131.9 V/m; Power Drift = -0.01 dB

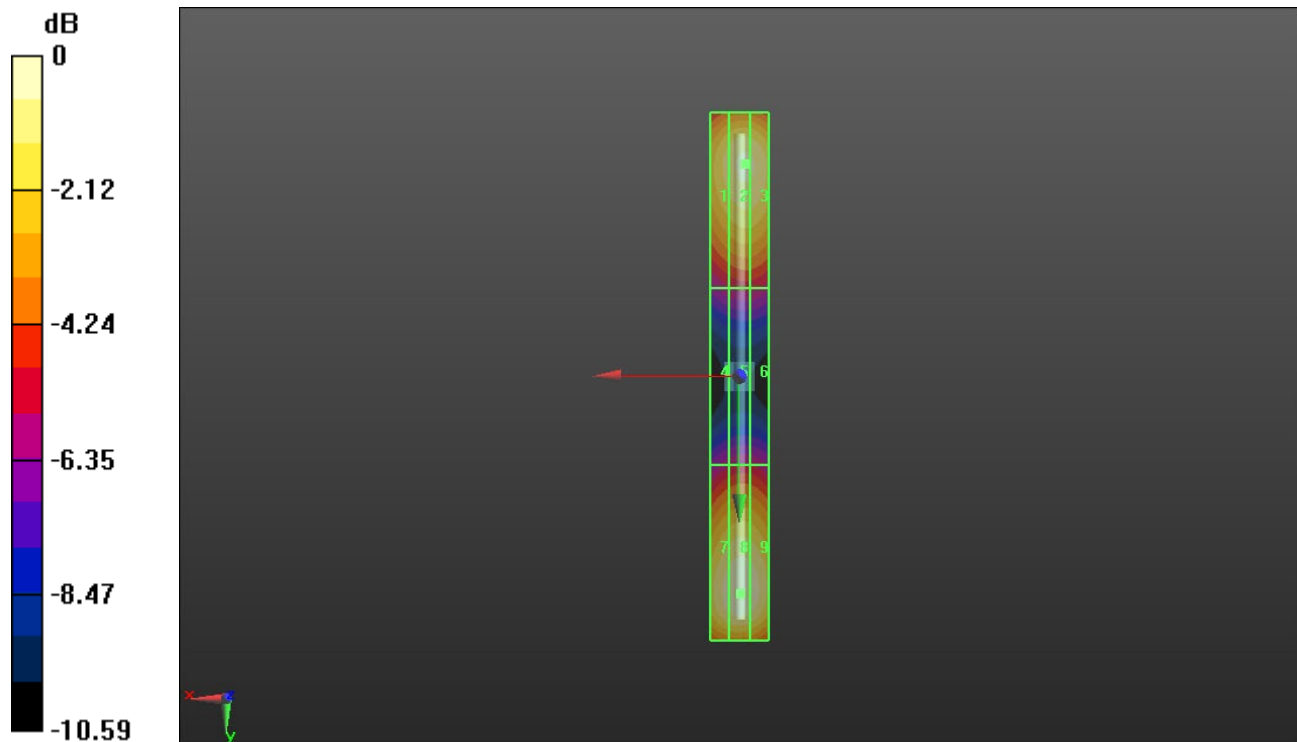
Applied MIF = 0.00 dB

RF audio interference level = 41.64 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M3 40.64 dBV/m	Grid 2 M3 41.09 dBV/m	Grid 3 M3 41.06 dBV/m
Grid 4 M4 35.89 dBV/m	Grid 5 M4 36.22 dBV/m	Grid 6 M4 36.21 dBV/m
Grid 7 M3 41.36 dBV/m	Grid 8 M3 41.64 dBV/m	Grid 9 M3 41.48 dBV/m



0 dB = 120.8 V/m = 41.64 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 = 155.6 V/m; Power Drift = 0.01 dB

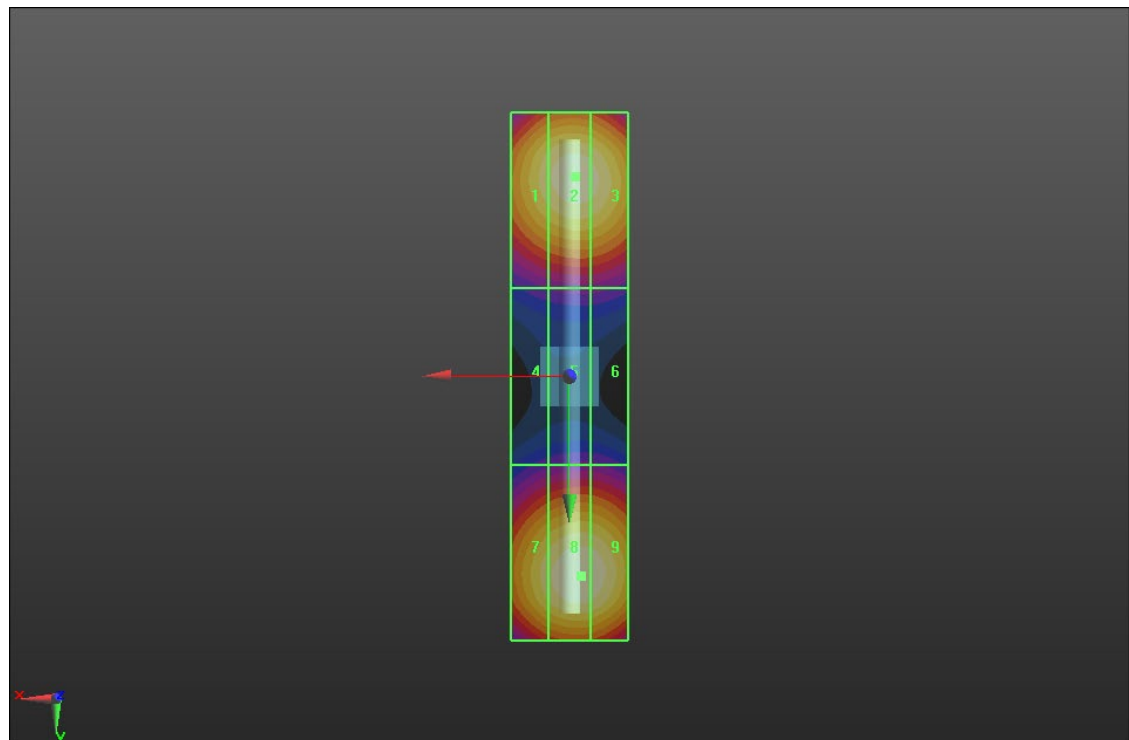
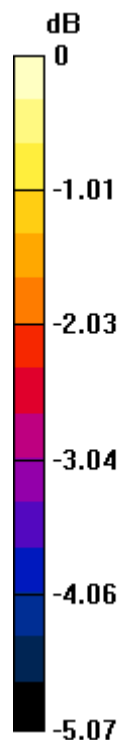
Applied MIF = 0.00 dB

RF audio interference level = 39.46 dBV/m

Emission category: M2

MIF scaled E-field

Grid 1 M2 39.08 dBV/m	Grid 2 M2 39.38 dBV/m	Grid 3 M2 39.29 dBV/m
Grid 4 M2 36.12 dBV/m	Grid 5 M2 36.28 dBV/m	Grid 6 M2 36.27 dBV/m
Grid 7 M2 39.07 dBV/m	Grid 8 M2 39.46 dBV/m	Grid 9 M2 39.43 dBV/m



0 dB = 93.95 V/m = 39.46 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 = 73.11 V/m; Power Drift = 0.02 dB

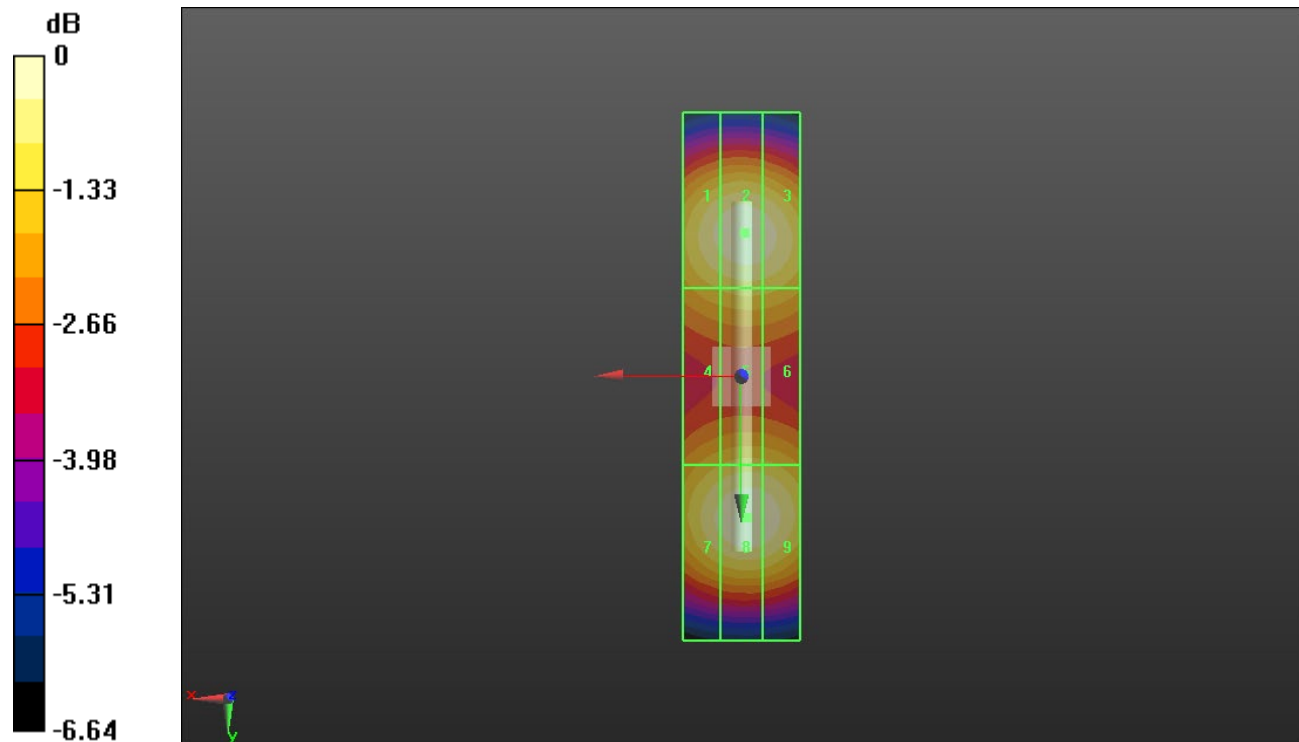
Applied MIF = 0.00 dB

RF audio interference level = 38.80 dBV/m

Emission category: M2

MIF scaled E-field

Grid 1 M2 38.51 dBV/m	Grid 2 M2 38.75 dBV/m	Grid 3 M2 38.63 dBV/m
Grid 4 M2 37.53 dBV/m	Grid 5 M2 37.7 dBV/m	Grid 6 M2 37.66 dBV/m
Grid 7 M2 38.49 dBV/m	Grid 8 M2 38.8 dBV/m	Grid 9 M2 38.71 dBV/m



0 dB = 87.06 V/m = 38.80 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 = 23.84 V/m; Power Drift = 0.03 dB

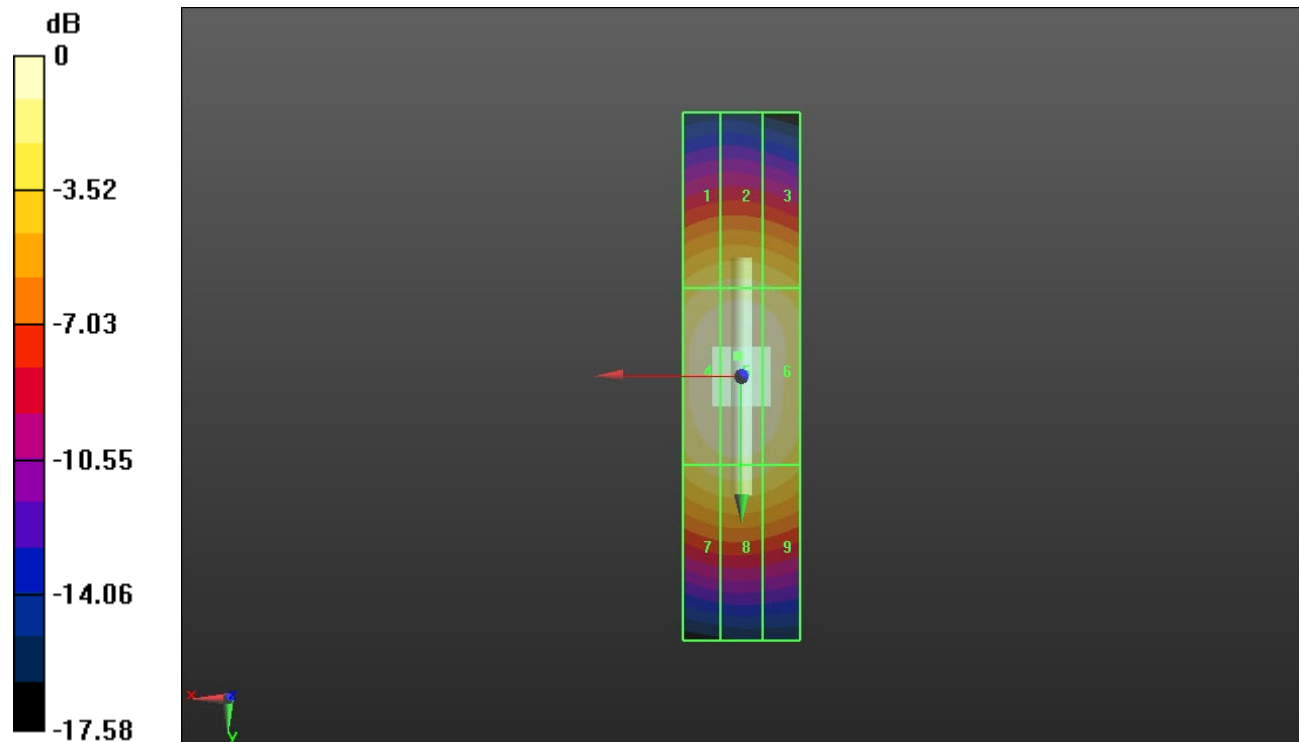
Applied MIF = 0.00 dB

RF audio interference level = 40.60 dBV/m

Emission category: M1

MIF scaled E-field

Grid 1 M2 38.74 dBV/m	Grid 2 M2 38.88 dBV/m	Grid 3 M2 38.63 dBV/m
Grid 4 M1 40.48 dBV/m	Grid 5 M1 40.6 dBV/m	Grid 6 M1 40.27 dBV/m
Grid 7 M2 39 dBV/m	Grid 8 M2 39.17 dBV/m	Grid 9 M2 38.83 dBV/m



0 dB = 107.2 V/m = 40.60 dBV/m