

HAC-RF Emission

Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 824.2 MHz; Duty Cycle: 1:8.6896

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; 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)

GSM850 E-Field measurement/Voice_ch 128/Hearing Aid Compatibility Test

(101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 73.07 V/m; Power Drift = 0.05 dB

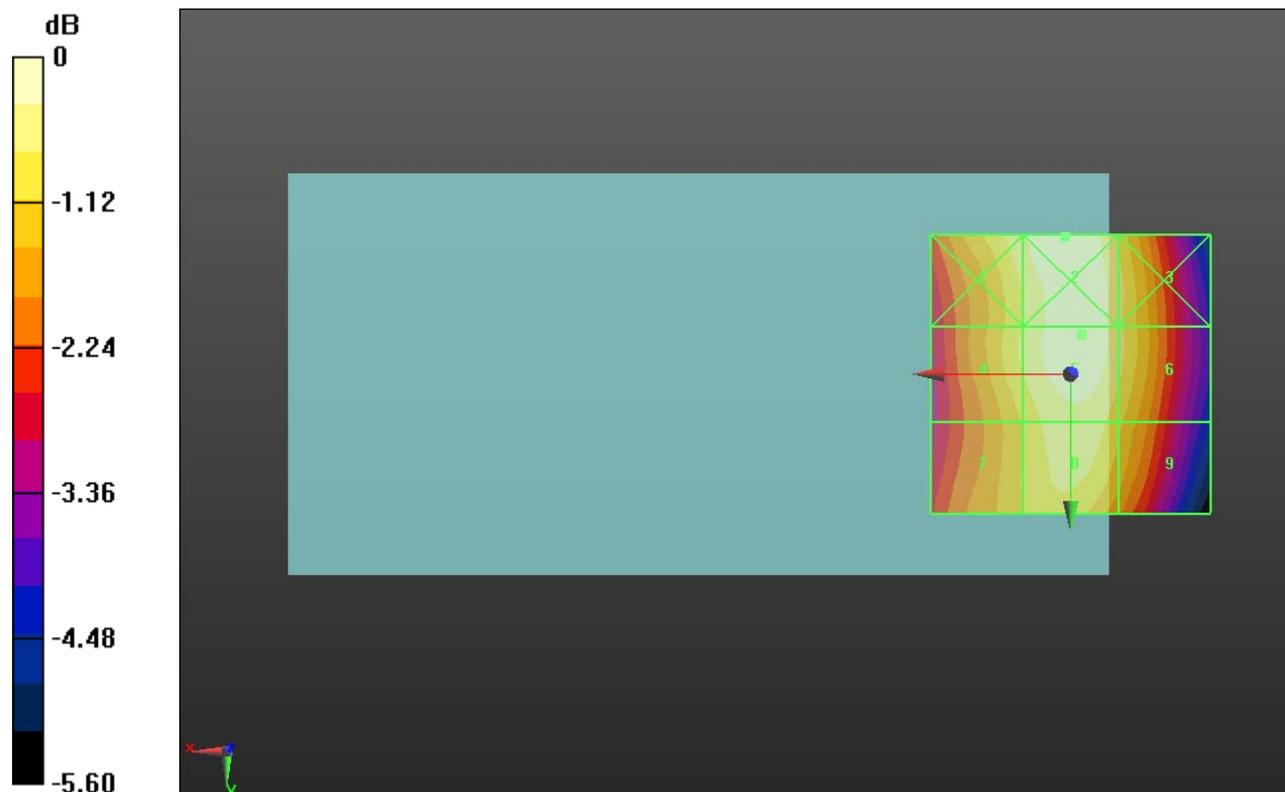
Applied MIF = 3.63 dB

RF audio interference level = 38.70 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 38.41 dBV/m	Grid 2 M4 38.82 dBV/m	Grid 3 M4 38.24 dBV/m
Grid 4 M4 38.17 dBV/m	Grid 5 M4 38.7 dBV/m	Grid 6 M4 38.24 dBV/m
Grid 7 M4 37.75 dBV/m	Grid 8 M4 38.36 dBV/m	Grid 9 M4 37.83 dBV/m



0 dB = 87.31 V/m = 38.82 dBV/m

HAC-RF Emission

Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 836.6 MHz; Duty Cycle: 1:8.6896

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; 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)

GSM850 E-Field measurement/Voice_ch 190/Hearing Aid Compatibility Test

(101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 75.71 V/m; Power Drift = -0.01 dB

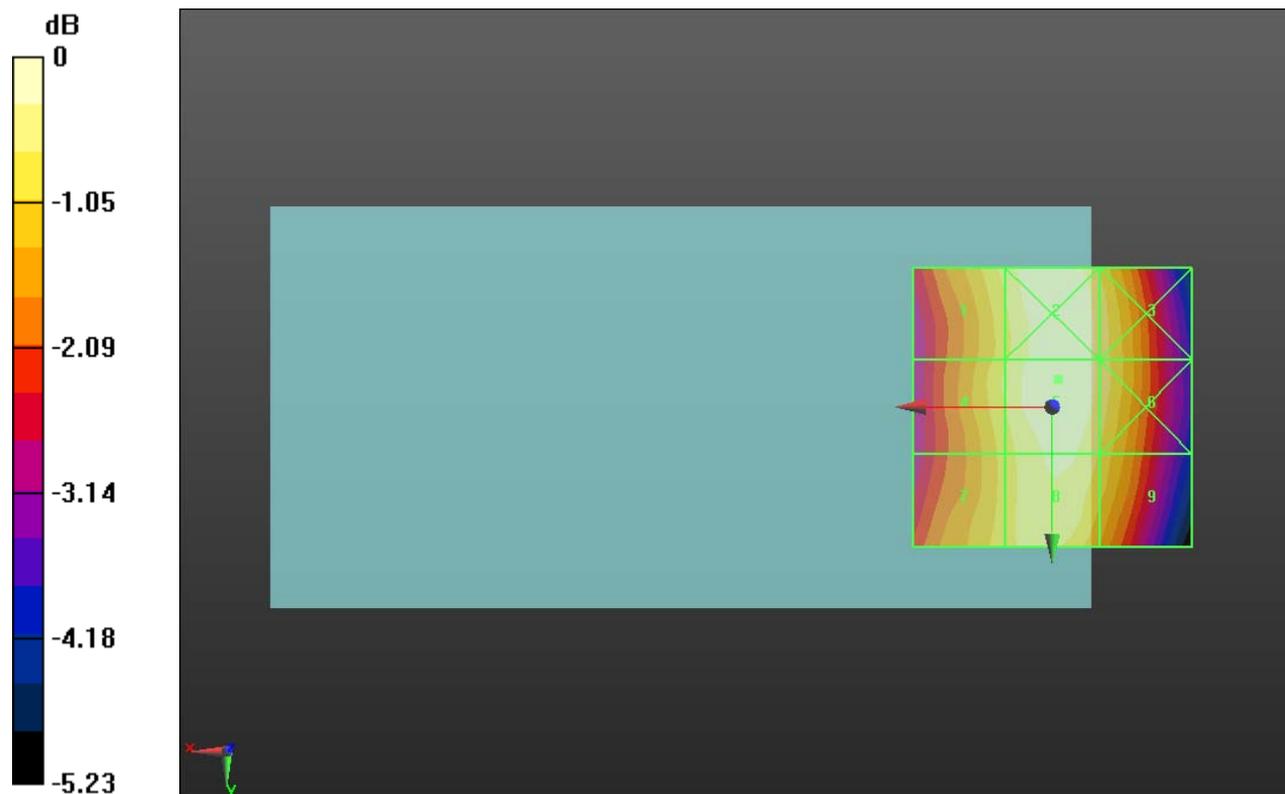
Applied MIF = 3.63 dB

RF audio interference level = 38.98 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 38.41 dBV/m	Grid 2 M4 38.95 dBV/m	Grid 3 M4 38.54 dBV/m
Grid 4 M4 38.35 dBV/m	Grid 5 M4 38.98 dBV/m	Grid 6 M4 38.56 dBV/m
Grid 7 M4 38.14 dBV/m	Grid 8 M4 38.69 dBV/m	Grid 9 M4 38.25 dBV/m



0 dB = 88.96 V/m = 38.98 dBV/m

HAC-RF Emission

Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 848.6 MHz; Duty Cycle: 1:8.6896

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; 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)

GSM850 E-Field measurement/Voice_ch 251/Hearing Aid Compatibility Test

(101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 74.24 V/m; Power Drift = 0.05 dB

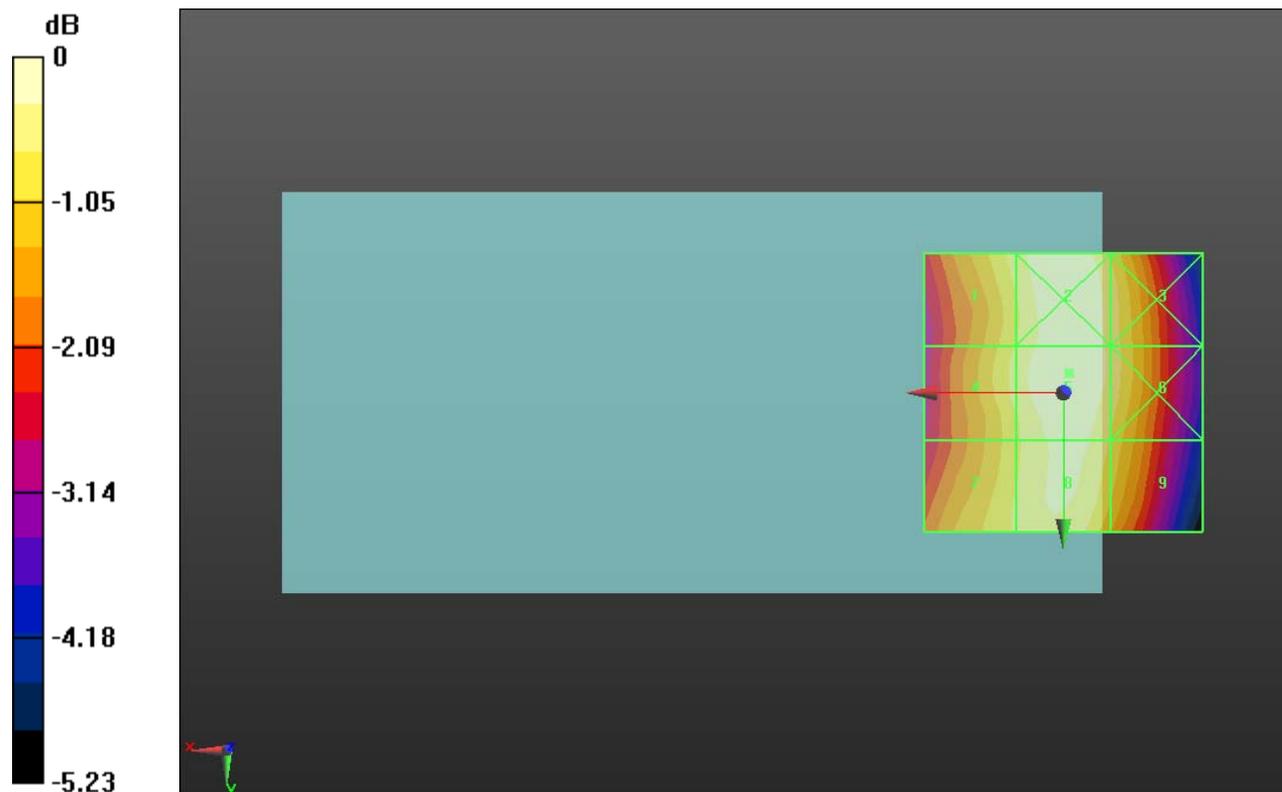
Applied MIF = 3.63 dB

RF audio interference level = 38.79 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 38.27 dBV/m	Grid 2 M4 38.76 dBV/m	Grid 3 M4 38.32 dBV/m
Grid 4 M4 38.24 dBV/m	Grid 5 M4 38.79 dBV/m	Grid 6 M4 38.35 dBV/m
Grid 7 M4 38.15 dBV/m	Grid 8 M4 38.53 dBV/m	Grid 9 M4 38.05 dBV/m



0 dB = 86.99 V/m = 38.79 dBV/m

HAC-RF Emission

Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 1850.2 MHz; Duty Cycle: 1:8.6896

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; 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)

GSM1900 E-Field measurement/Voice_ch 512/Hearing Aid Compatibility Test

(101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 18.85 V/m; Power Drift = 0.06 dB

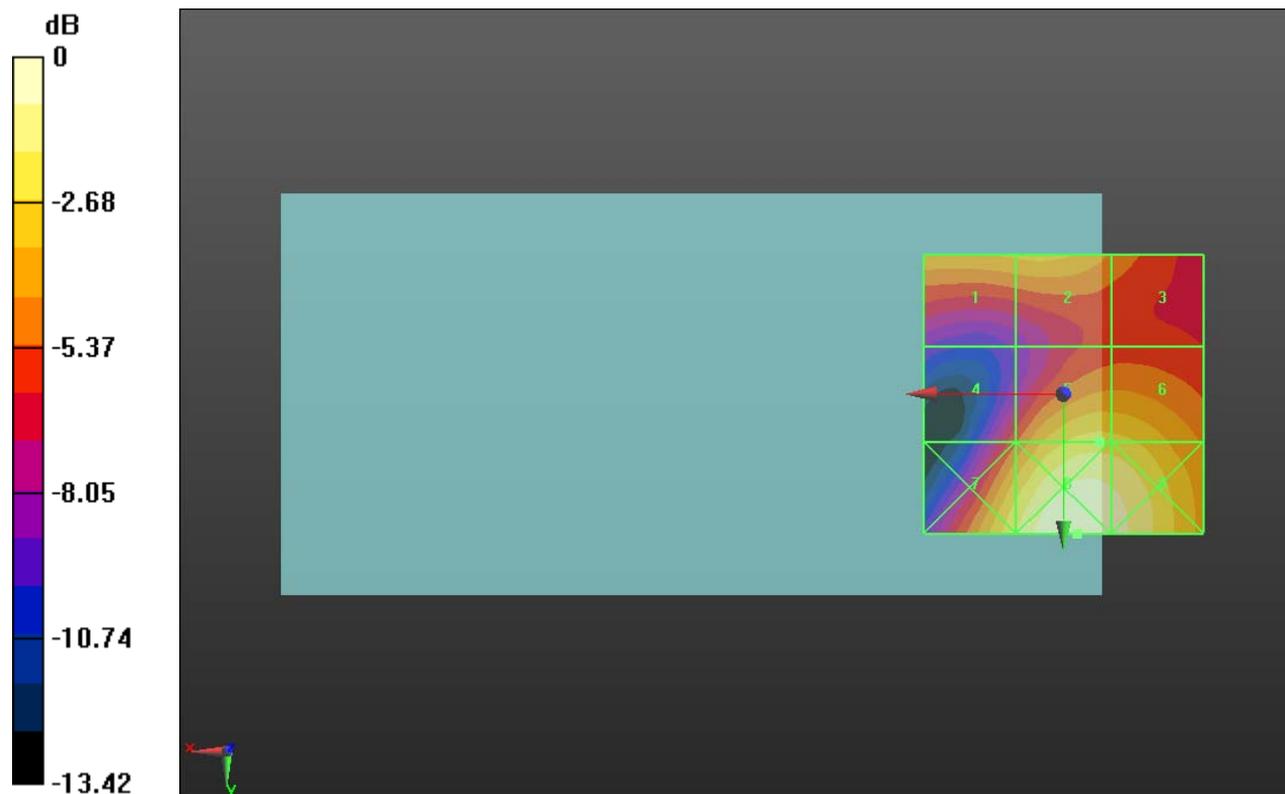
Applied MIF = 3.63 dB

RF audio interference level = 29.73 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 28.6 dBV/m	Grid 2 M4 28.76 dBV/m	Grid 3 M4 27.46 dBV/m
Grid 4 M4 26.51 dBV/m	Grid 5 M4 29.73 dBV/m	Grid 6 M4 29.67 dBV/m
Grid 7 M3 30.2 dBV/m	Grid 8 M3 31.98 dBV/m	Grid 9 M3 31.54 dBV/m



0 dB = 39.71 V/m = 31.98 dBV/m

HAC-RF Emission

Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz; Duty Cycle: 1:8.6896

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; 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)

GSM1900 E-Field measurement/Voice_ch 661/Hearing Aid Compatibility Test

(101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 19.27 V/m; Power Drift = 0.05 dB

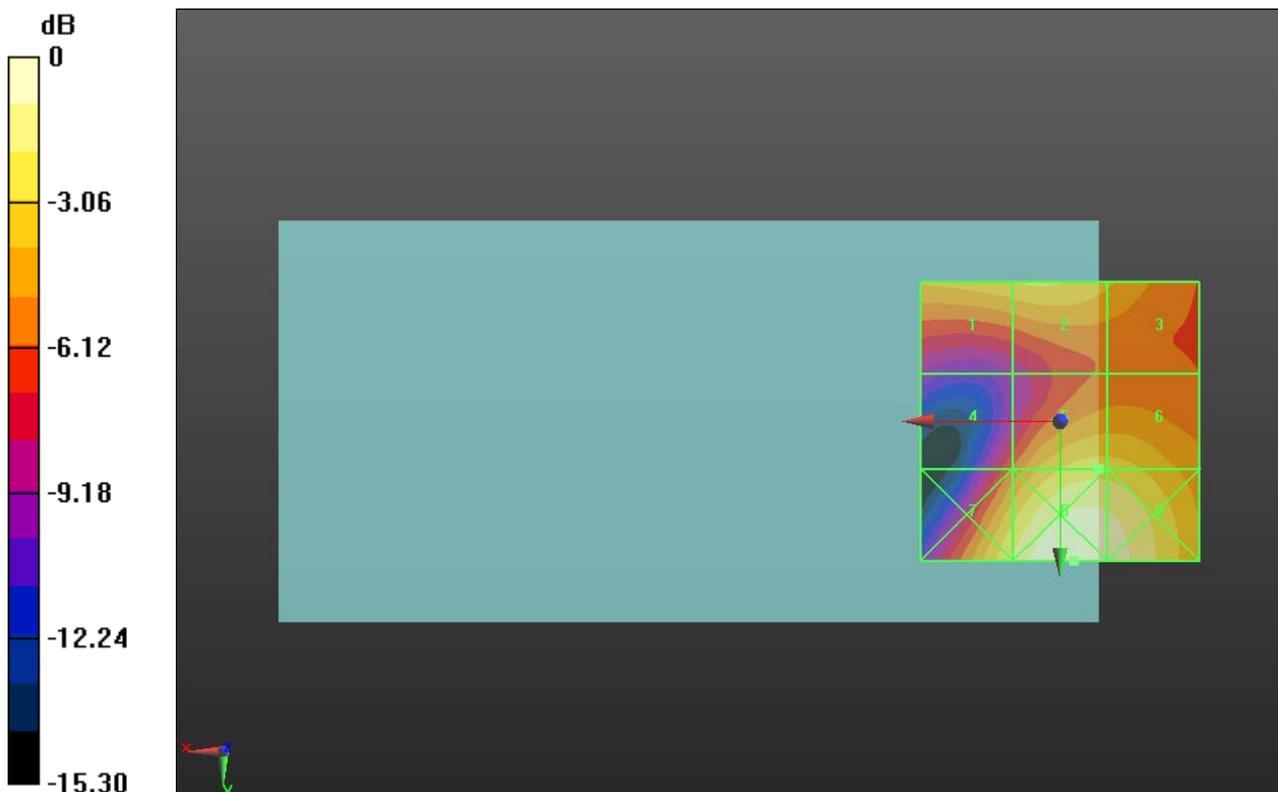
Applied MIF = 3.63 dB

RF audio interference level = 30.05 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 29.44 dBV/m	Grid 2 M4 29.69 dBV/m	Grid 3 M4 28.65 dBV/m
Grid 4 M4 26.59 dBV/m	Grid 5 M3 30.05 dBV/m	Grid 6 M3 30.02 dBV/m
Grid 7 M3 30.67 dBV/m	Grid 8 M3 32.52 dBV/m	Grid 9 M3 32.14 dBV/m



0 dB = 42.29 V/m = 32.52 dBV/m

HAC-RF Emission

Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 1909.8 MHz; Duty Cycle: 1:8.6896

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; 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)

GSM1900 E-Field measurement/Voice_ch 810/Hearing Aid Compatibility Test

(101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 21.79 V/m; Power Drift = 0.02 dB

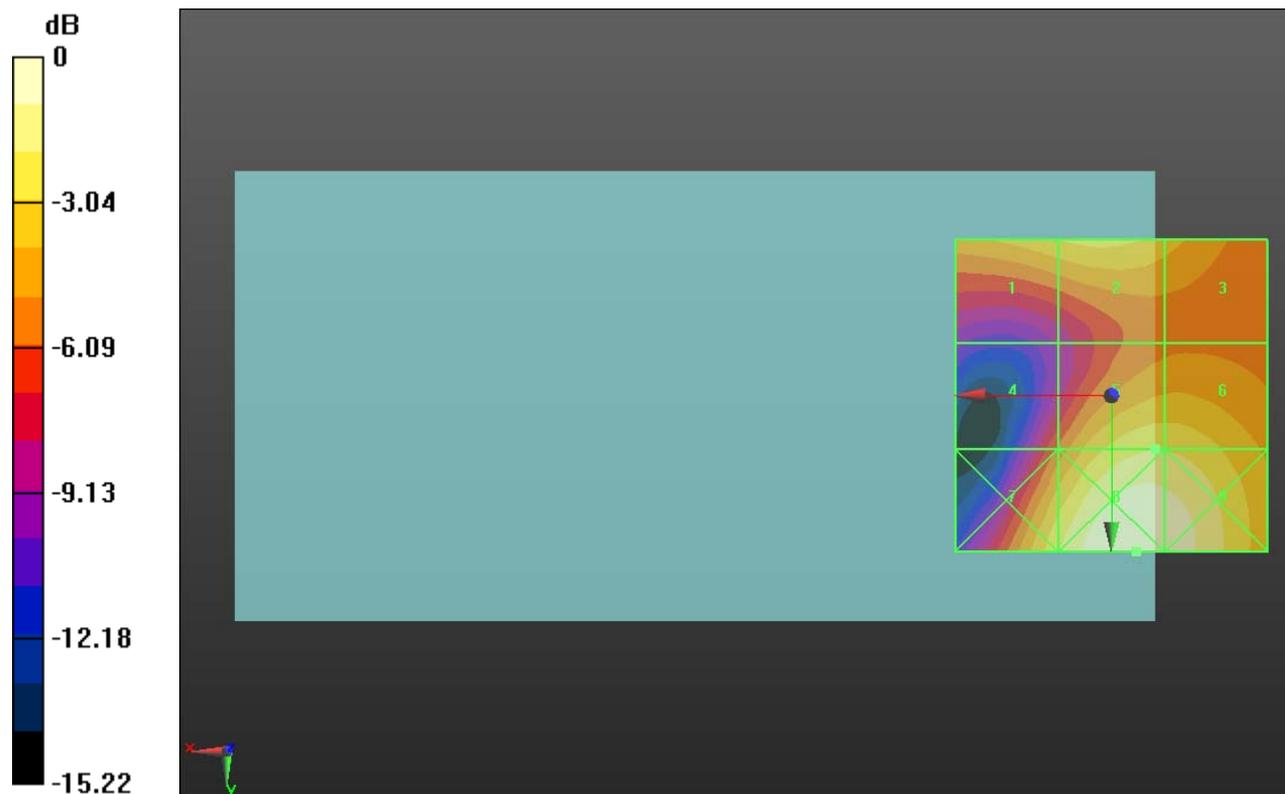
Applied MIF = 3.63 dB

RF audio interference level = 30.93 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 29.93 dBV/m	Grid 2 M3 30.32 dBV/m	Grid 3 M4 29.44 dBV/m
Grid 4 M4 27.2 dBV/m	Grid 5 M3 30.93 dBV/m	Grid 6 M3 30.91 dBV/m
Grid 7 M3 30.92 dBV/m	Grid 8 M3 33.01 dBV/m	Grid 9 M3 32.71 dBV/m



0 dB = 44.73 V/m = 33.01 dBV/m