

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2540; ConvF(1, 1, 1); Calibrated: 8/26/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1359; Calibrated: 2/17/2014
- 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 = 71.01 V/m; Power Drift = 0.05 dB

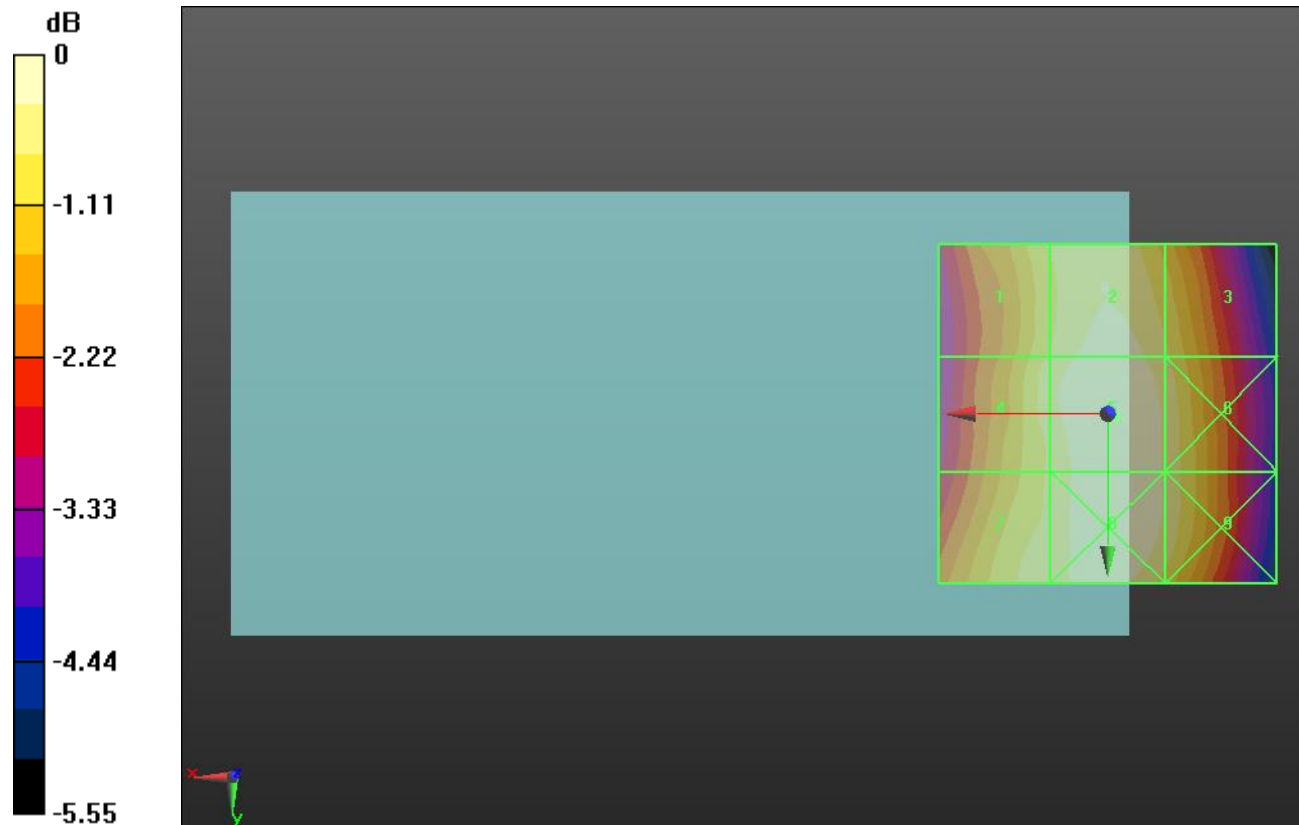
Applied MIF = 3.63 dB

RF audio interference level = 38.37 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 37.69 dBV/m	Grid 2 M4 38.17 dBV/m	Grid 3 M4 37.72 dBV/m
Grid 4 M4 37.89 dBV/m	Grid 5 M4 38.37 dBV/m	Grid 6 M4 37.95 dBV/m
Grid 7 M4 37.88 dBV/m	Grid 8 M4 38.34 dBV/m	Grid 9 M4 37.95 dBV/m



0 dB = 82.91 V/m = 38.37 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2540; ConvF(1, 1, 1); Calibrated: 8/26/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1359; Calibrated: 2/17/2014
- 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 = 74.36 V/m; Power Drift = 0.19 dB

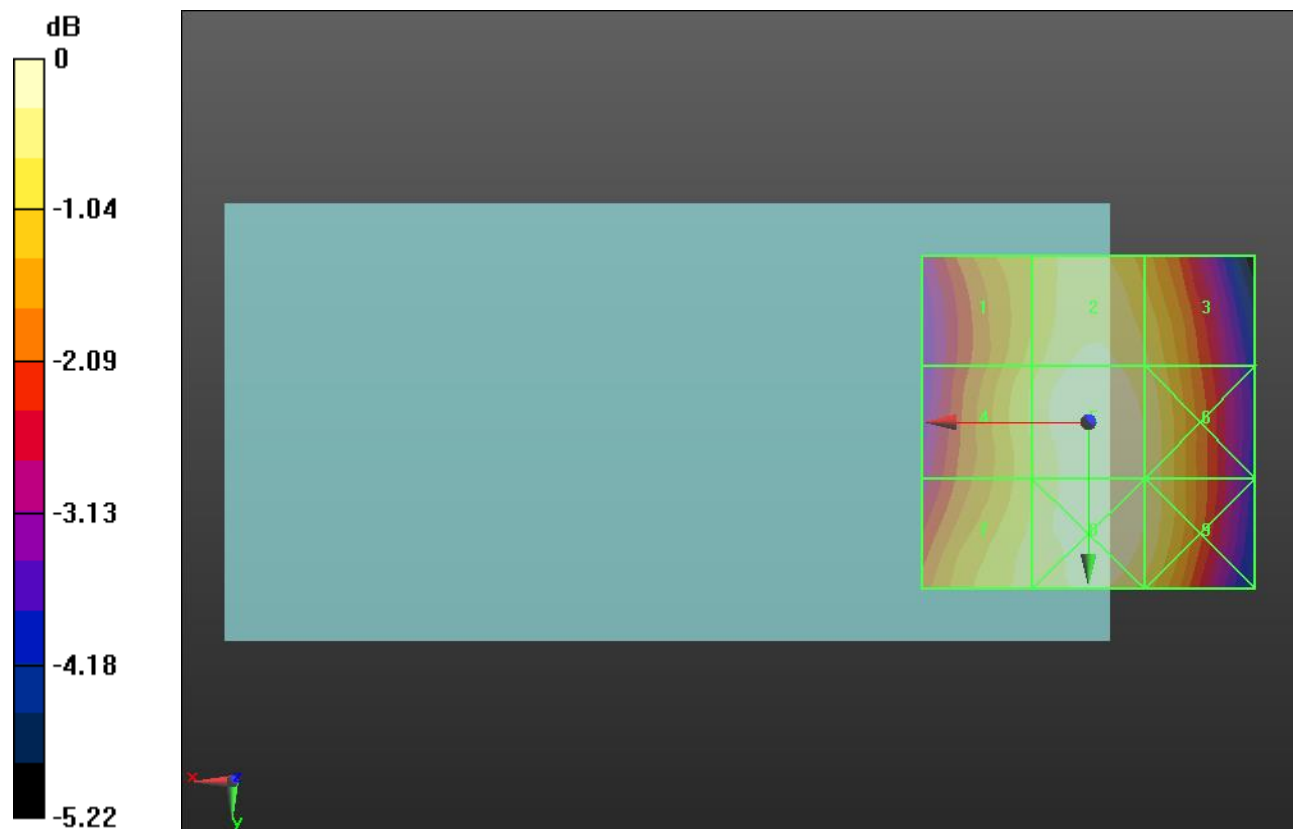
Applied MIF = 3.63 dB

RF audio interference level = 38.69 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 37.83 dBV/m	Grid 2 M4 38.45 dBV/m	Grid 3 M4 38.08 dBV/m
Grid 4 M4 38.07 dBV/m	Grid 5 M4 38.69 dBV/m	Grid 6 M4 38.34 dBV/m
Grid 7 M4 38.14 dBV/m	Grid 8 M4 38.66 dBV/m	Grid 9 M4 38.35 dBV/m



0 dB = 85.97 V/m = 38.69 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2540; ConvF(1, 1, 1); Calibrated: 8/26/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1359; Calibrated: 2/17/2014
- 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 = 80.62 V/m; Power Drift = -0.05 dB

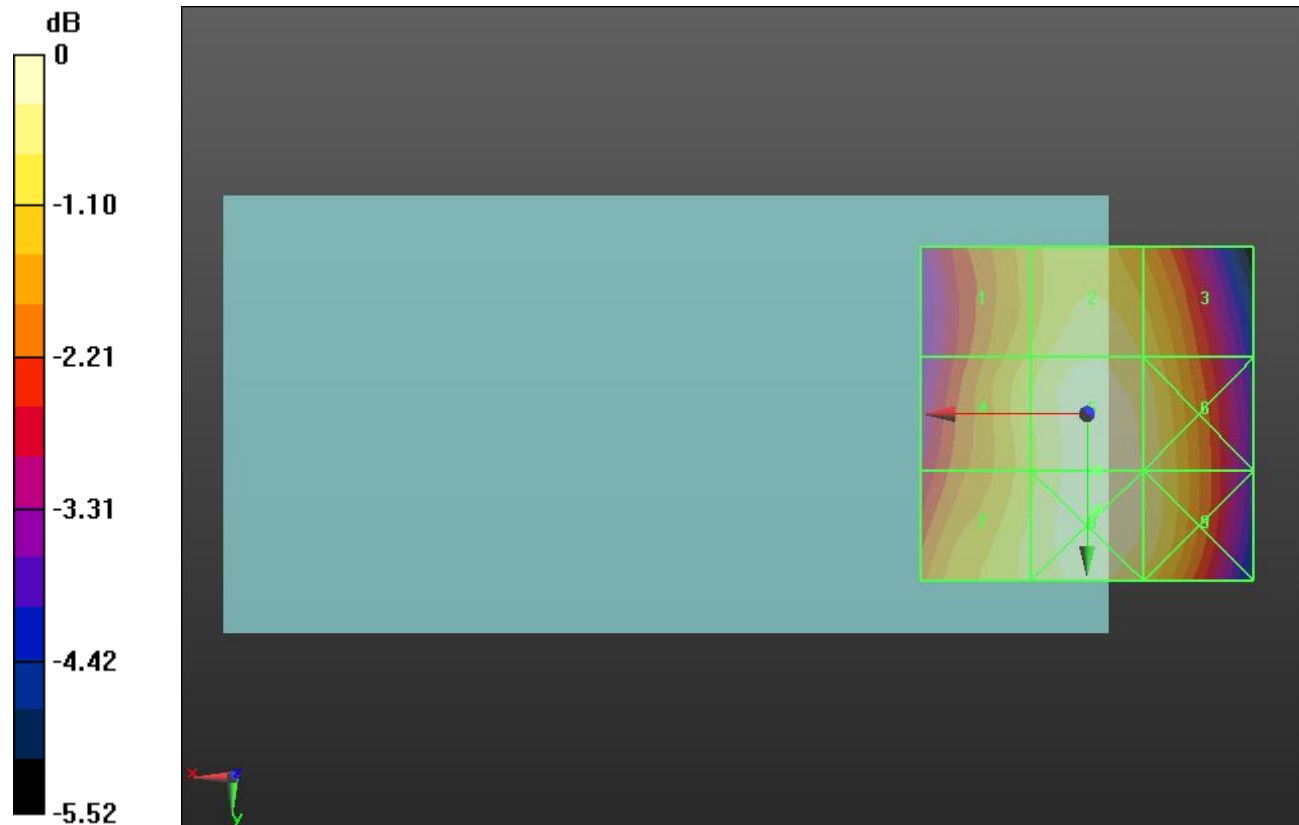
Applied MIF = 3.63 dB

RF audio interference level = 39.36 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 38.41 dBV/m	Grid 2 M4 39.03 dBV/m	Grid 3 M4 38.66 dBV/m
Grid 4 M4 38.67 dBV/m	Grid 5 M4 39.36 dBV/m	Grid 6 M4 39.04 dBV/m
Grid 7 M4 38.8 dBV/m	Grid 8 M4 39.41 dBV/m	Grid 9 M4 39.07 dBV/m



0 dB = 93.48 V/m = 39.41 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2540; ConvF(1, 1, 1); Calibrated: 8/26/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1359; Calibrated: 2/17/2014
- 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 = 23.74 V/m; Power Drift = -0.15 dB

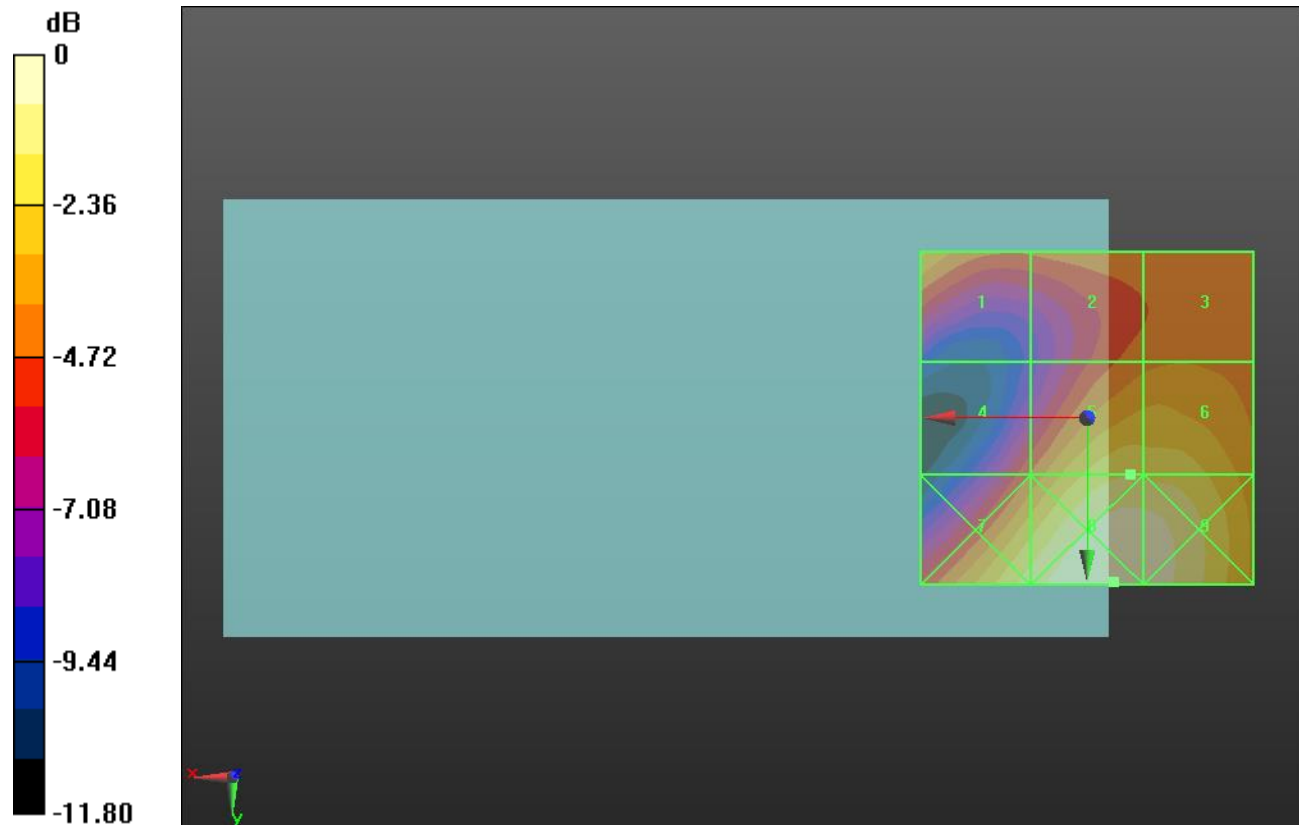
Applied MIF = 3.63 dB

RF audio interference level = 31.28 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M3 30.01 dBV/m	Grid 2 M4 28.76 dBV/m	Grid 3 M4 28.93 dBV/m
Grid 4 M4 28.26 dBV/m	Grid 5 M3 31.28 dBV/m	Grid 6 M3 31.22 dBV/m
Grid 7 M3 31.73 dBV/m	Grid 8 M3 32.87 dBV/m	Grid 9 M3 32.63 dBV/m



0 dB = 44.03 V/m = 32.87 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2540; ConvF(1, 1, 1); Calibrated: 8/26/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1359; Calibrated: 2/17/2014
- 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 = 25.11 V/m; Power Drift = -0.37 dB

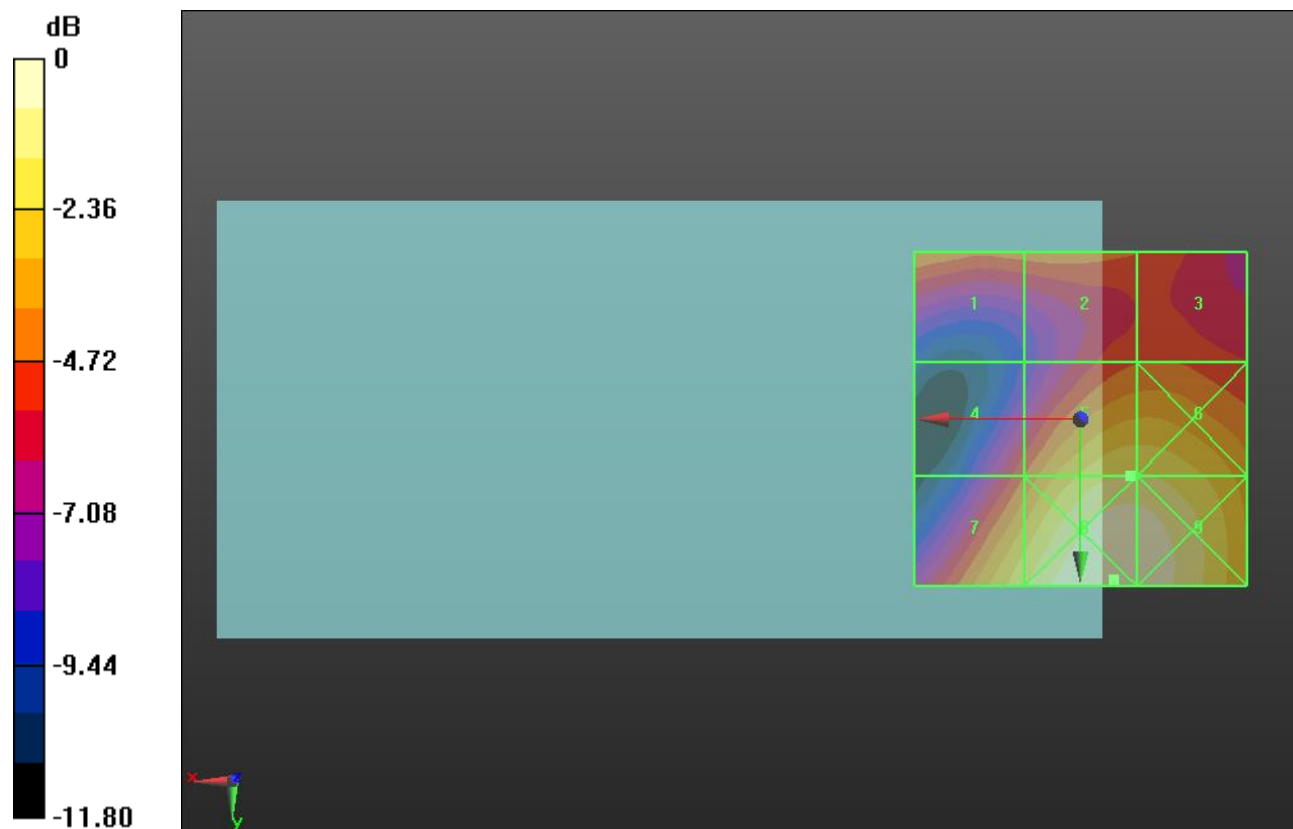
Applied MIF = 3.63 dB

RF audio interference level = 31.95 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 29.49 dBV/m	Grid 2 M4 29.32 dBV/m	Grid 3 M4 28.76 dBV/m
Grid 4 M4 28.69 dBV/m	Grid 5 M3 31.95 dBV/m	Grid 6 M3 31.94 dBV/m
Grid 7 M3 31.75 dBV/m	Grid 8 M3 33.41 dBV/m	Grid 9 M3 33.26 dBV/m



0 dB = 46.83 V/m = 33.41 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2540; ConvF(1, 1, 1); Calibrated: 8/26/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1359; Calibrated: 2/17/2014
- 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 = 25.74 V/m; Power Drift = -0.01 dB

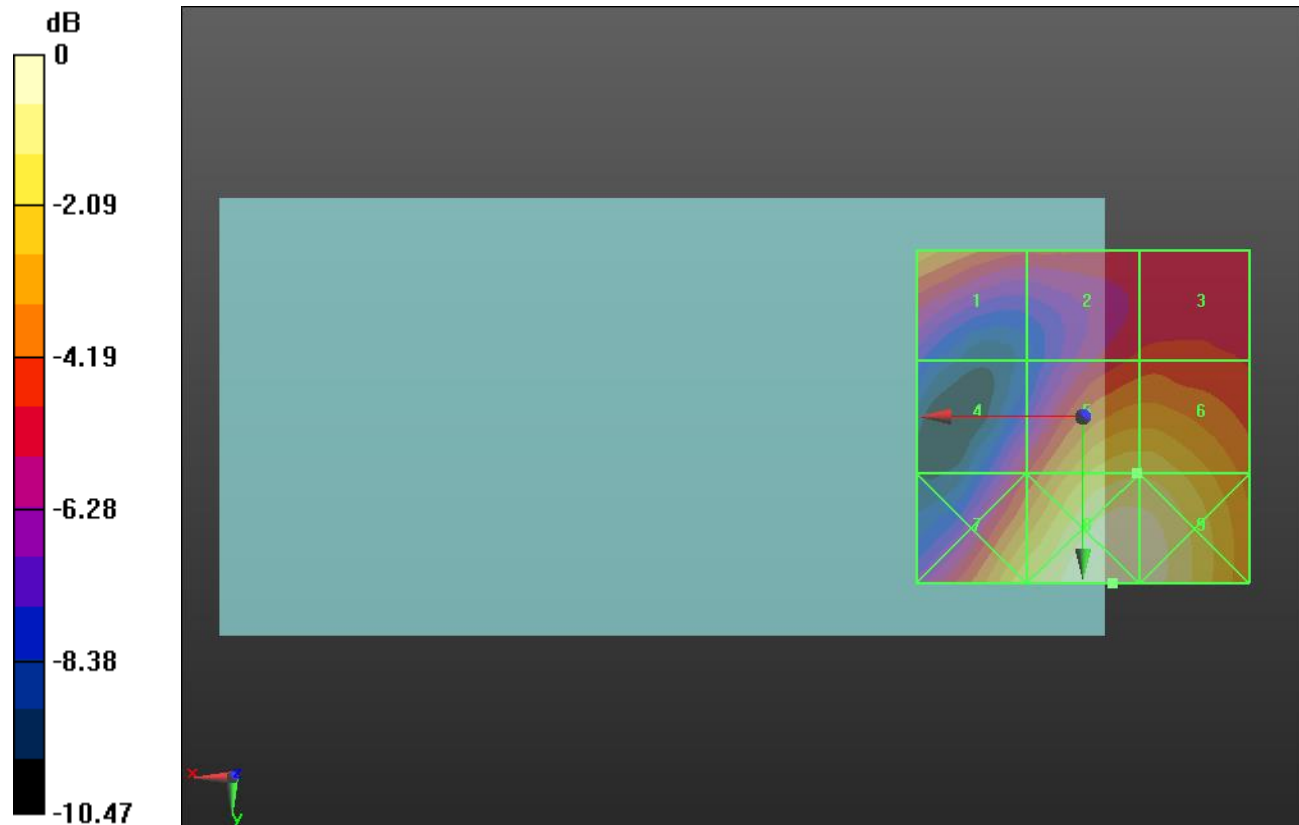
Applied MIF = 3.63 dB

RF audio interference level = 32.51 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M3 31.02 dBV/m	Grid 2 M4 29.34 dBV/m	Grid 3 M4 29.48 dBV/m
Grid 4 M4 29.06 dBV/m	Grid 5 M3 32.51 dBV/m	Grid 6 M3 32.51 dBV/m
Grid 7 M3 32.52 dBV/m	Grid 8 M3 33.99 dBV/m	Grid 9 M3 33.84 dBV/m



0 dB = 50.08 V/m = 33.99 dBV/m