

01 HAC RF_E_GSM850_Ch128**DUT: 352201A**

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

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2476; ConvF(1, 1, 1); Calibrated: 2012-12-12;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn679; Calibrated: 2013-1-16
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

E_Ch128/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 = 80.95 V/m; Power Drift = -0.04 dB

Applied MIF = 3.63 dB

RF audio interference level = 39.50 dBV/m

Emission category: M4

MIF scaled E-field

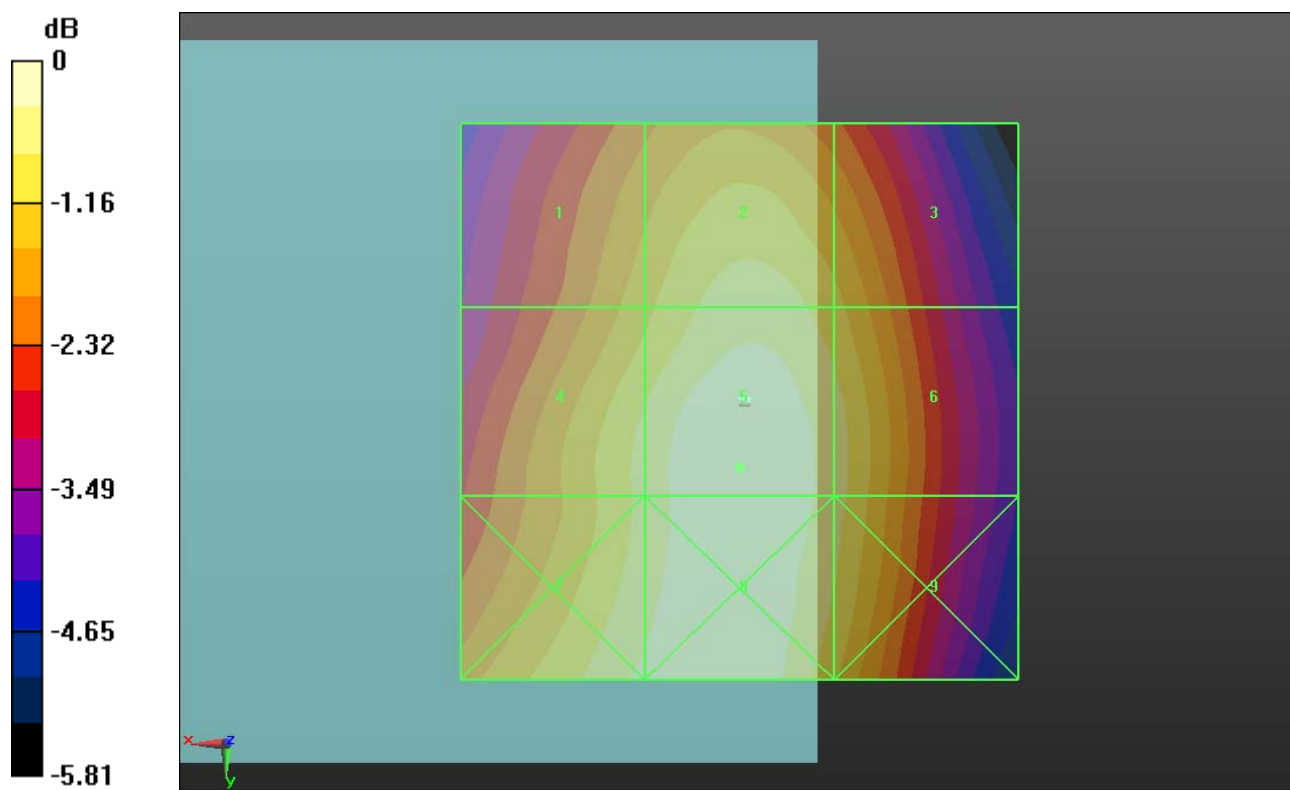
Grid 1 M4 38.23 dBV/m	Grid 2 M4 38.95 dBV/m	Grid 3 M4 38.48 dBV/m
Grid 4 M4 38.87 dBV/m	Grid 5 M4 39.5 dBV/m	Grid 6 M4 38.93 dBV/m
Grid 7 M4 39.2 dBV/m	Grid 8 M4 39.46 dBV/m	Grid 9 M4 38.89 dBV/m

Cursor:

Total = 39.50 dBV/m

E Category: M4

Location: 0, 6, 8.7 mm



0 dB = 94.36 V/m = 39.50 dBV/m

02 HAC RF_E_GSM850_Ch189**DUT: 352201A**

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

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2476; ConvF(1, 1, 1); Calibrated: 2012-12-12;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn679; Calibrated: 2013-1-16
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

E_Ch189/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 = 82.68 V/m; Power Drift = -0.00 dB

Applied MIF = 3.63 dB

RF audio interference level = 39.71 dBV/m

Emission category: M4

MIF scaled E-field

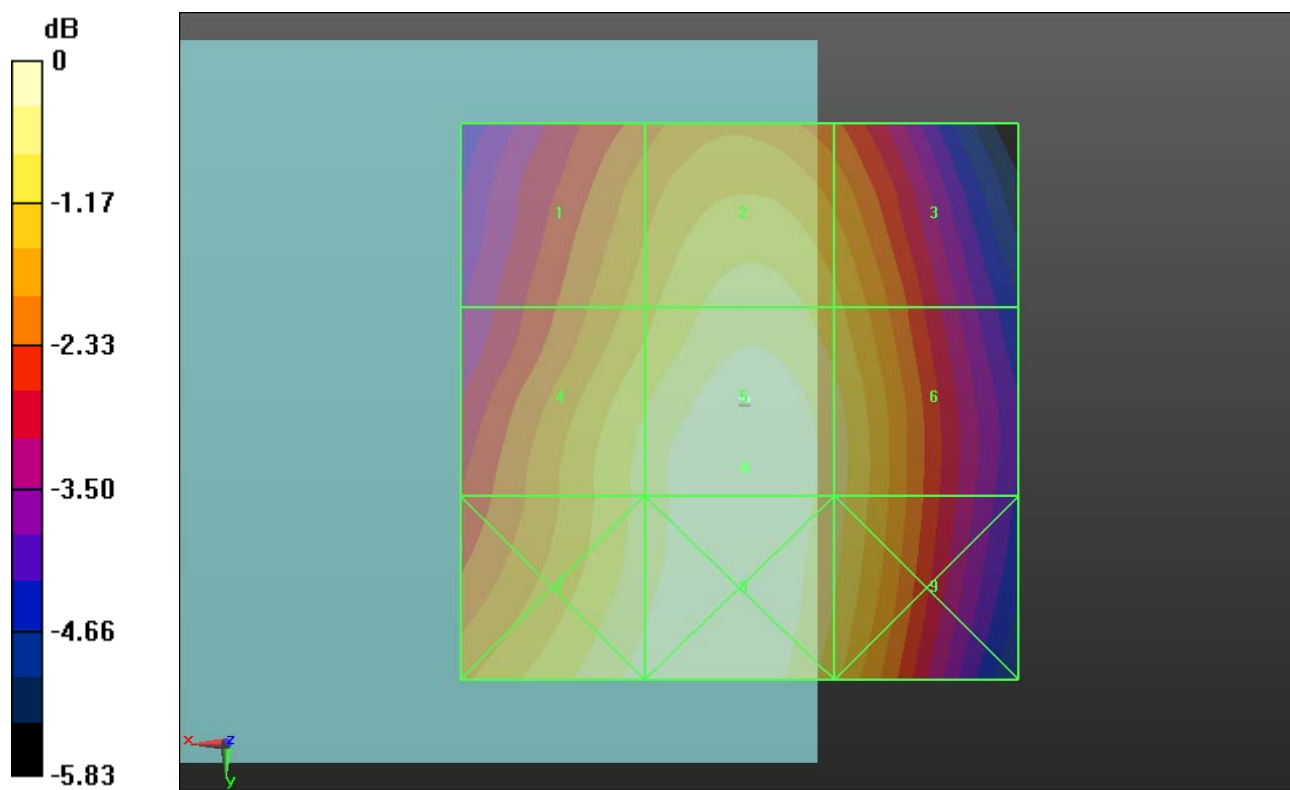
Grid 1 M4 38.4 dBV/m	Grid 2 M4 39.14 dBV/m	Grid 3 M4 38.67 dBV/m
Grid 4 M4 39.09 dBV/m	Grid 5 M4 39.71 dBV/m	Grid 6 M4 39.15 dBV/m
Grid 7 M4 39.47 dBV/m	Grid 8 M4 39.7 dBV/m	Grid 9 M4 39.11 dBV/m

Cursor:

Total = 39.71 dBV/m

E Category: M4

Location: -0.5, 6, 8.7 mm



0 dB = 96.73 V/m = 39.71 dBV/m

03 HAC RF_E_GSM850_Ch251**DUT: 352201A**

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

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2476; ConvF(1, 1, 1); Calibrated: 2012-12-12;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn679; Calibrated: 2013-1-16
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

E_Ch251/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 = 87.88 V/m; Power Drift = -0.02 dB

Applied MIF = 3.63 dB

RF audio interference level = 40.24 dBV/m

Emission category: M3

MIF scaled E-field

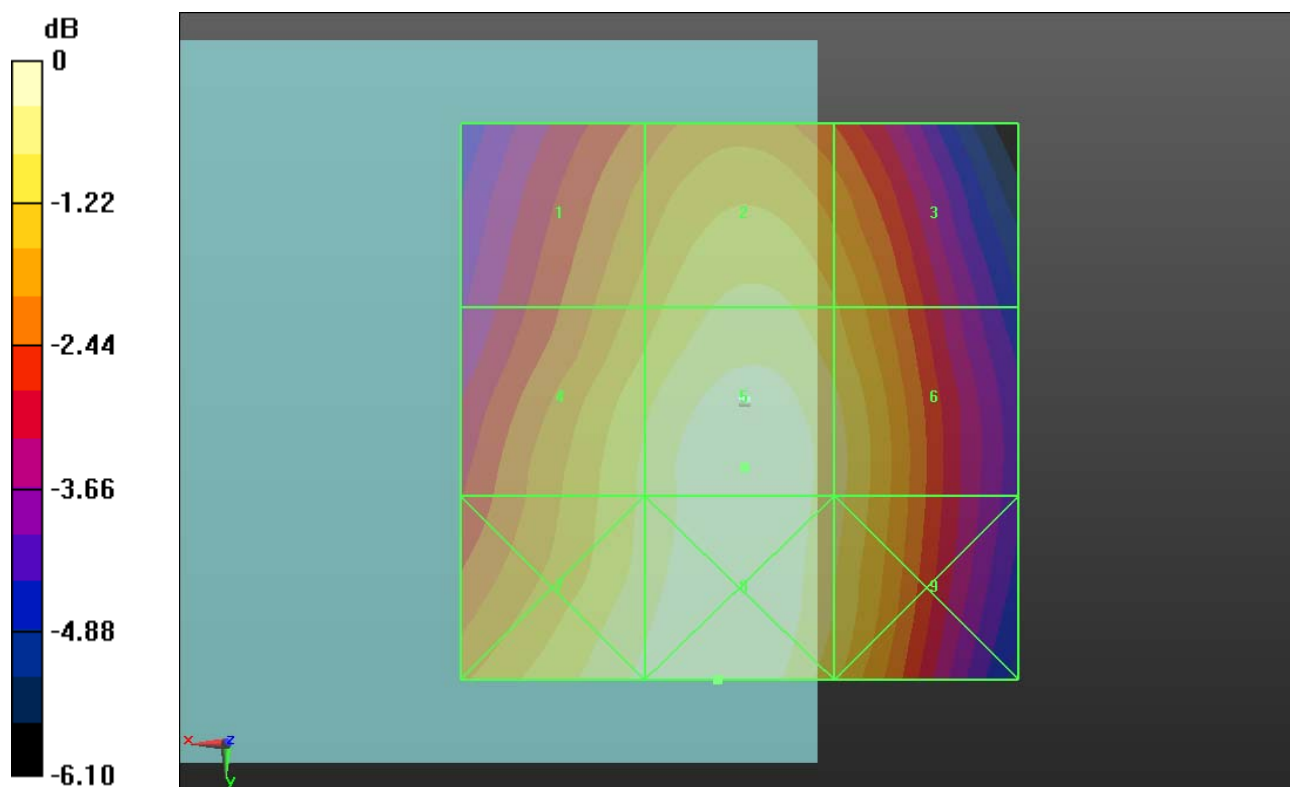
Grid 1 M4 38.89 dBV/m	Grid 2 M4 39.62 dBV/m	Grid 3 M4 39.15 dBV/m
Grid 4 M4 39.59 dBV/m	Grid 5 M3 40.24 dBV/m	Grid 6 M4 39.7 dBV/m
Grid 7 M3 40 dBV/m	Grid 8 M3 40.32 dBV/m	Grid 9 M4 39.67 dBV/m

Cursor:

Total = 40.32 dBV/m

E Category: M3

Location: 2, 25, 8.7 mm



0 dB = 103.7 V/m = 40.32 dBV/m

04 HAC RF_E_GSM1900_Ch512**DUT: 352201A**

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

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2476; ConvF(1, 1, 1); Calibrated: 2012-12-12;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn679; Calibrated: 2013-1-16
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

E_Ch512/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 = 13.60 V/m; Power Drift = -0.06 dB

Applied MIF = 3.63 dB

RF audio interference level = 27.41 dBV/m

Emission category: M4

MIF scaled E-field

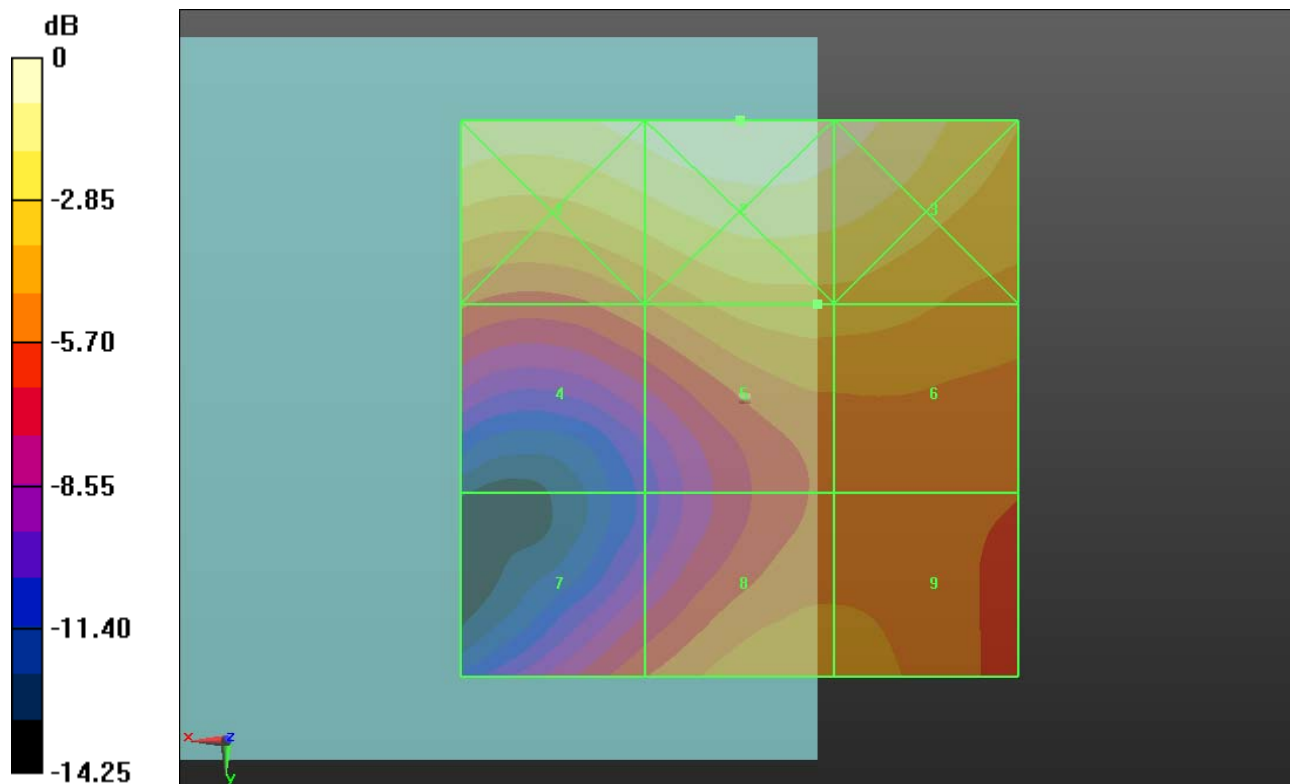
Grid 1 M3 30.06 dBV/m	Grid 2 M3 30.6 dBV/m	Grid 3 M3 30.16 dBV/m
Grid 4 M4 25.74 dBV/m	Grid 5 M4 27.41 dBV/m	Grid 6 M4 27.4 dBV/m
Grid 7 M4 24.88 dBV/m	Grid 8 M4 26.57 dBV/m	Grid 9 M4 26.42 dBV/m

Cursor:

Total = 30.60 dBV/m

E Category: M3

Location: 0, -25, 8.7 mm



0 dB = 33.87 V/m = 30.60 dBV/m

05 HAC RF_E_GSM1900_Ch661**DUT: 352201A**

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

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2476; ConvF(1, 1, 1); Calibrated: 2012-12-12;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn679; Calibrated: 2013-1-16
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

E_Ch661/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 = 17.43 V/m; Power Drift = 0.00 dB

Applied MIF = 3.63 dB

RF audio interference level = 28.91 dBV/m

Emission category: M4

MIF scaled E-field

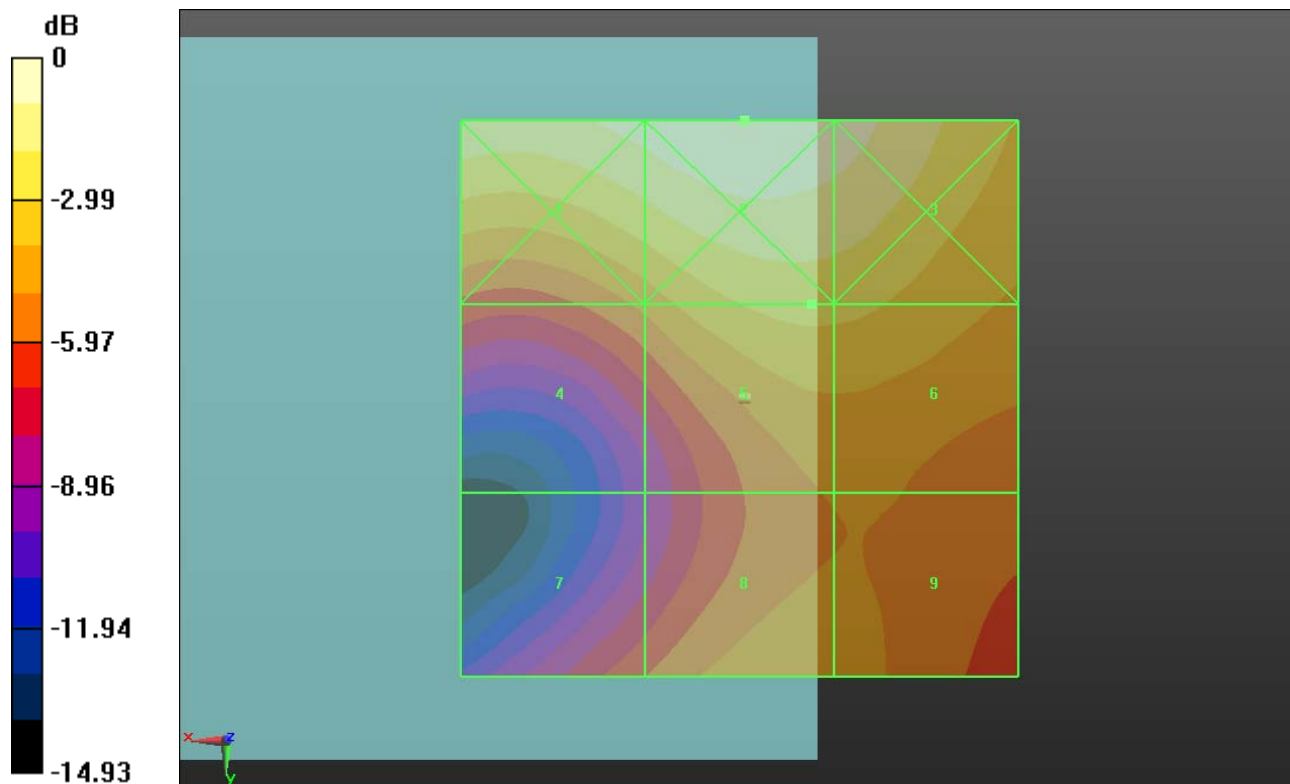
Grid 1 M3 30.99 dBV/m	Grid 2 M3 31.54 dBV/m	Grid 3 M3 31.09 dBV/m
Grid 4 M4 26.89 dBV/m	Grid 5 M4 28.91 dBV/m	Grid 6 M4 28.86 dBV/m
Grid 7 M4 25.57 dBV/m	Grid 8 M4 27.2 dBV/m	Grid 9 M4 27.01 dBV/m

Cursor:

Total = 31.54 dBV/m

E Category: M3

Location: -0.5, -25, 8.7 mm



0 dB = 37.76 V/m = 31.54 dBV/m

06 HAC RF_E_GSM1900_Ch810**DUT: 352201A**

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

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2476; ConvF(1, 1, 1); Calibrated: 2012-12-12;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn679; Calibrated: 2013-1-16
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

E_Ch810/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 = 20.04 V/m; Power Drift = 0.02 dB

Applied MIF = 3.63 dB

RF audio interference level = 29.85 dBV/m

Emission category: M4

MIF scaled E-field

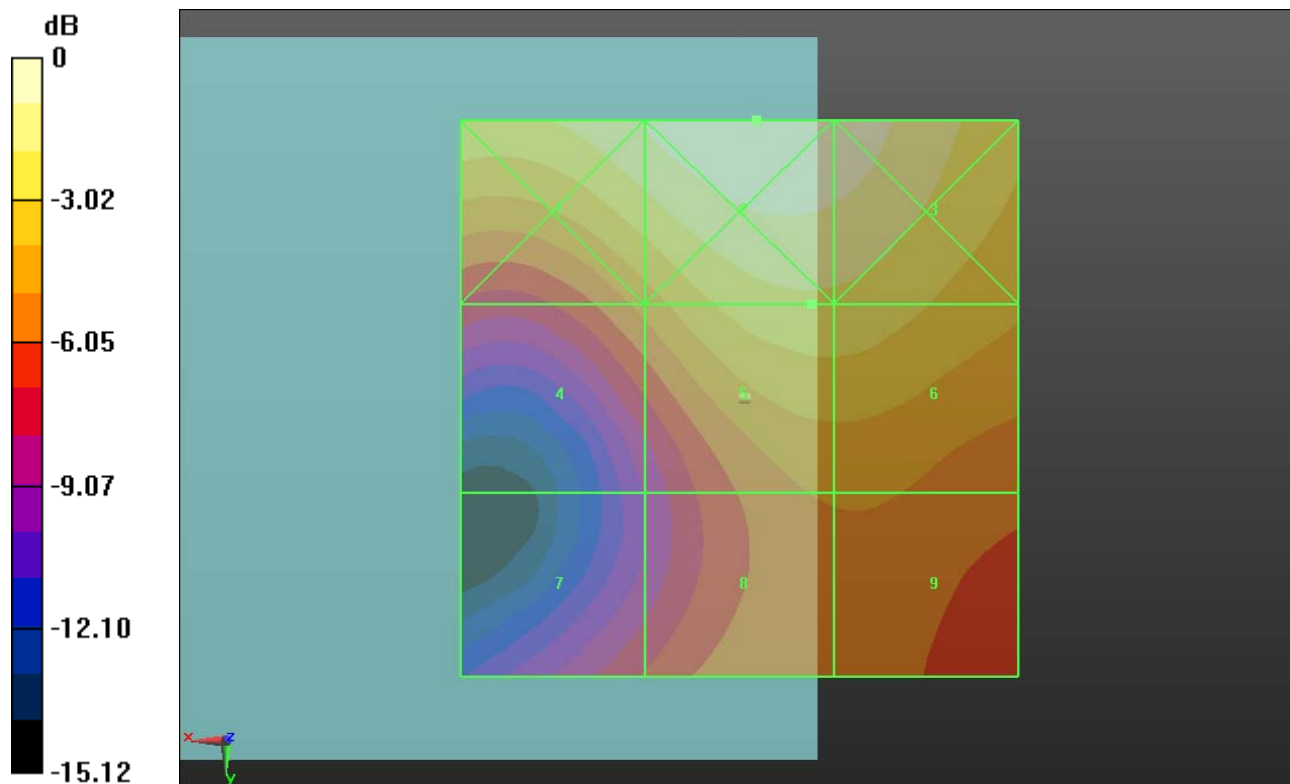
Grid 1 M3 31.17 dBV/m	Grid 2 M3 32.06 dBV/m	Grid 3 M3 31.73 dBV/m
Grid 4 M4 27.44 dBV/m	Grid 5 M4 29.85 dBV/m	Grid 6 M4 29.81 dBV/m
Grid 7 M4 25.17 dBV/m	Grid 8 M4 27.15 dBV/m	Grid 9 M4 27.18 dBV/m

Cursor:

Total = 32.06 dBV/m

E Category: M3

Location: -1.5, -25, 8.7 mm



0 dB = 40.07 V/m = 32.06 dBV/m