

1 HAC RF GSM850_Voice_Ch128_E

Communication System: UID 10021 - DAB, GSM-FDD (TDMA, GMSK); Frequency: 824.2 MHz; Duty Cycle: 1:8.3

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

Ambient Temperature : 23.5 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2528; ConvF(1, 1, 1); Calibrated: 2017.1.25;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1326; Calibrated: 2017.9.15
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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 = 67.57 V/m; Power Drift = -0.13 dB

Applied MIF = 3.63 dB

RF audio interference level = 38.18 dBV/m

Emission category: M4

MIF scaled E-field

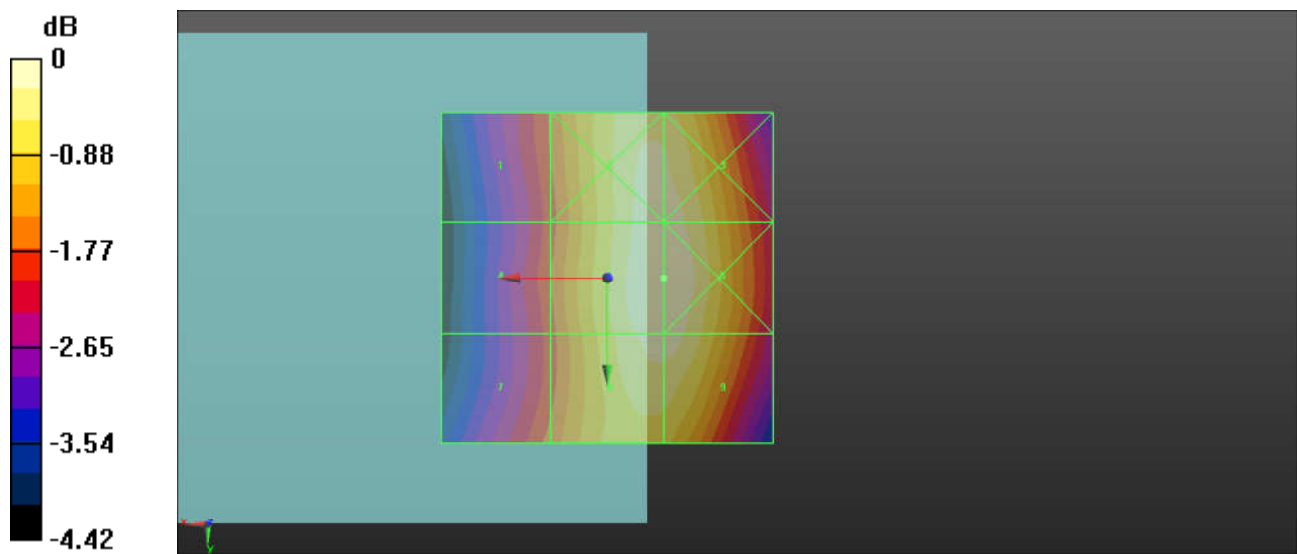
Grid 1 M4 36.47 dBV/m	Grid 2 M4 38.05 dBV/m	Grid 3 M4 38.05 dBV/m
Grid 4 M4 36.44 dBV/m	Grid 5 M4 38.18 dBV/m	Grid 6 M4 38.18 dBV/m
Grid 7 M4 36.56 dBV/m	Grid 8 M4 38.04 dBV/m	Grid 9 M4 38.04 dBV/m

Cursor:

Total = 38.18 dBV/m

E Category: M4

Location: -8.5, 0, 9.7 mm



2 HAC RF GSM850_Voice_Ch189_E

Communication System: UID 10021 - DAB, GSM-FDD (TDMA, GMSK); Frequency: 836.4 MHz; Duty Cycle: 1:8.3

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

Ambient Temperature : 23.5 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2528; ConvF(1, 1, 1); Calibrated: 2017.1.25;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1326; Calibrated: 2017.9.15
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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 = 66.87 V/m; Power Drift = 0.08 dB

Applied MIF = 3.63 dB

RF audio interference level = 38.55 dBV/m

Emission category: M4

MIF scaled E-field

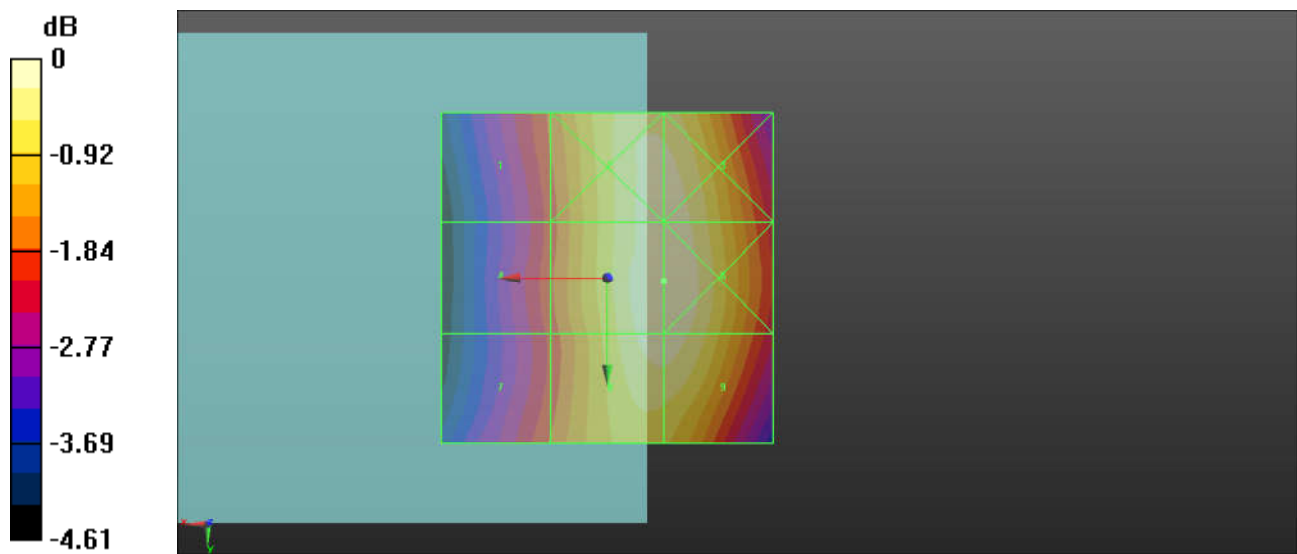
Grid 1 M4 36.81 dBV/m	Grid 2 M4 38.43 dBV/m	Grid 3 M4 38.43 dBV/m
Grid 4 M4 36.67 dBV/m	Grid 5 M4 38.55 dBV/m	Grid 6 M4 38.55 dBV/m
Grid 7 M4 36.76 dBV/m	Grid 8 M4 38.42 dBV/m	Grid 9 M4 38.42 dBV/m

Cursor:

Total = 38.55 dBV/m

E Category: M4

Location: -8.5, 0.5, 9.7 mm



0 dB = 84.61 V/m = 38.55 dBV/m

3 HAC RF GSM850_Voice_Ch251_E

Communication System: UID 10021 - DAB, GSM-FDD (TDMA, GMSK); Frequency: 848.8 MHz; Duty Cycle: 1:8.3

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

Ambient Temperature : 23.5 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2528; ConvF(1, 1, 1); Calibrated: 2017.1.25;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1326; Calibrated: 2017.9.15
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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 = 79.04 V/m; Power Drift = -0.09 dB

Applied MIF = 3.63 dB

RF audio interference level = 39.59 dBV/m

Emission category: M4

MIF scaled E-field

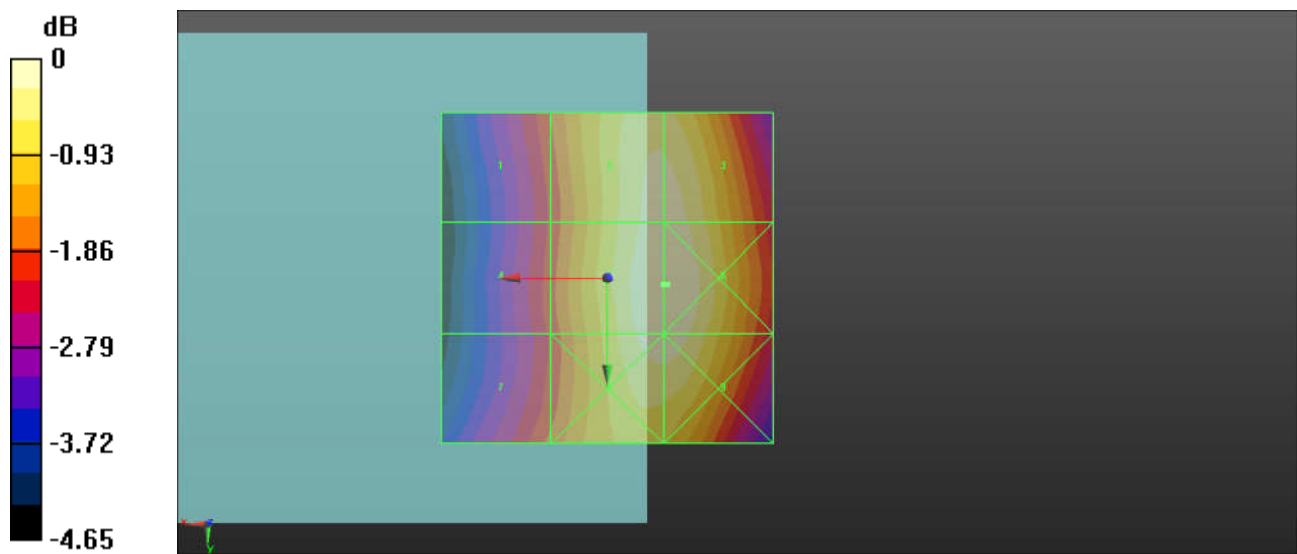
Grid 1 M4 37.76 dBV/m	Grid 2 M4 39.44 dBV/m	Grid 3 M4 39.44 dBV/m
Grid 4 M4 37.63 dBV/m	Grid 5 M4 39.59 dBV/m	Grid 6 M4 39.59 dBV/m
Grid 7 M4 37.85 dBV/m	Grid 8 M4 39.48 dBV/m	Grid 9 M4 39.48 dBV/m

Cursor:

Total = 39.59 dBV/m

E Category: M4

Location: -9, 1, 9.7 mm



0 dB = 95.40 V/m = 39.59 dBV/m

4 HAC RF GSM1900_Voice_Ch512_E

Communication System: UID 10021 - DAB, GSM-FDD (TDMA, GMSK); Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

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

Ambient Temperature : 23.5 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2528; ConvF(1, 1, 1); Calibrated: 2017.1.25;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1326; Calibrated: 2017.9.15
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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 = 25.49 V/m; Power Drift = -0.07 dB

Applied MIF = 3.63 dB

RF audio interference level = 32.00 dBV/m

Emission category: M3

MIF scaled E-field

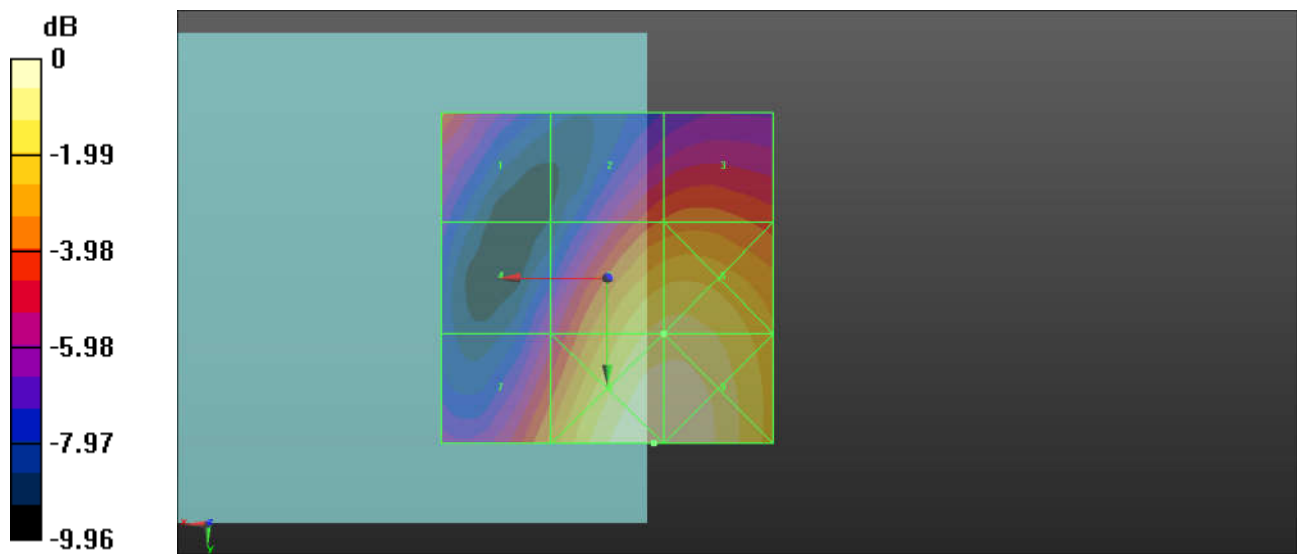
Grid 1 M4 29.41 dBV/m	Grid 2 M4 29.23 dBV/m	Grid 3 M4 29.53 dBV/m
Grid 4 M4 27.39 dBV/m	Grid 5 M3 32 dBV/m	Grid 6 M3 32.06 dBV/m
Grid 7 M3 30.04 dBV/m	Grid 8 M3 33.08 dBV/m	Grid 9 M3 33.06 dBV/m

Cursor:

Total = 33.08 dBV/m

E Category: M3

Location: -7, 25, 9.7 mm



5 HAC RF GSM1900_Voice_Ch661_E

Communication System: UID 10021 - DAB, GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz; Duty Cycle: 1:8.3

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

Ambient Temperature : 23.5 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2528; ConvF(1, 1, 1); Calibrated: 2017.1.25;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1326; Calibrated: 2017.9.15
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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 = 29.82 V/m; Power Drift = -0.10 dB

Applied MIF = 3.63 dB

RF audio interference level = 33.17 dBV/m

Emission category: M3

MIF scaled E-field

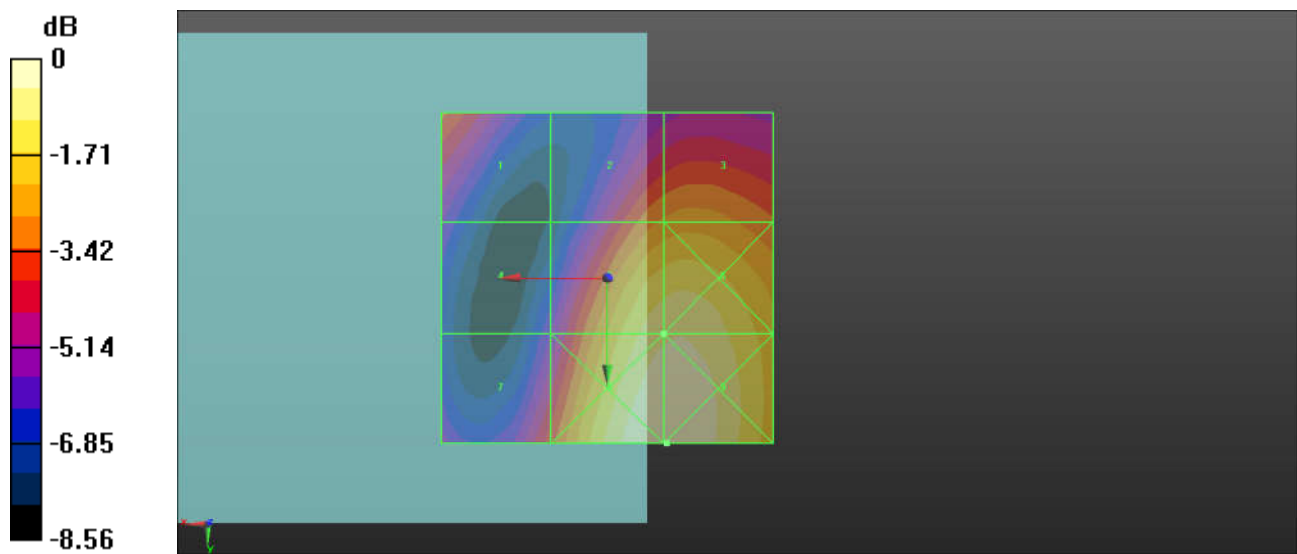
Grid 1 M3 30.62 dBV/m	Grid 2 M3 31.13 dBV/m	Grid 3 M3 31.35 dBV/m
Grid 4 M4 28.29 dBV/m	Grid 5 M3 33.17 dBV/m	Grid 6 M3 33.27 dBV/m
Grid 7 M3 30.25 dBV/m	Grid 8 M3 33.86 dBV/m	Grid 9 M3 33.86 dBV/m

Cursor:

Total = 33.86 dBV/m

E Category: M3

Location: -9, 25, 9.7 mm



6 HAC RF GSM1900_Voice_Ch810_E

Communication System: UID 10021 - DAB, GSM-FDD (TDMA, GMSK); Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

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

Ambient Temperature : 23.5 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2528; ConvF(1, 1, 1); Calibrated: 2017.1.25;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1326; Calibrated: 2017.9.15
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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 = 27.09 V/m; Power Drift = -0.09 dB

Applied MIF = 3.63 dB

RF audio interference level = 31.80 dBV/m

Emission category: M3

MIF scaled E-field

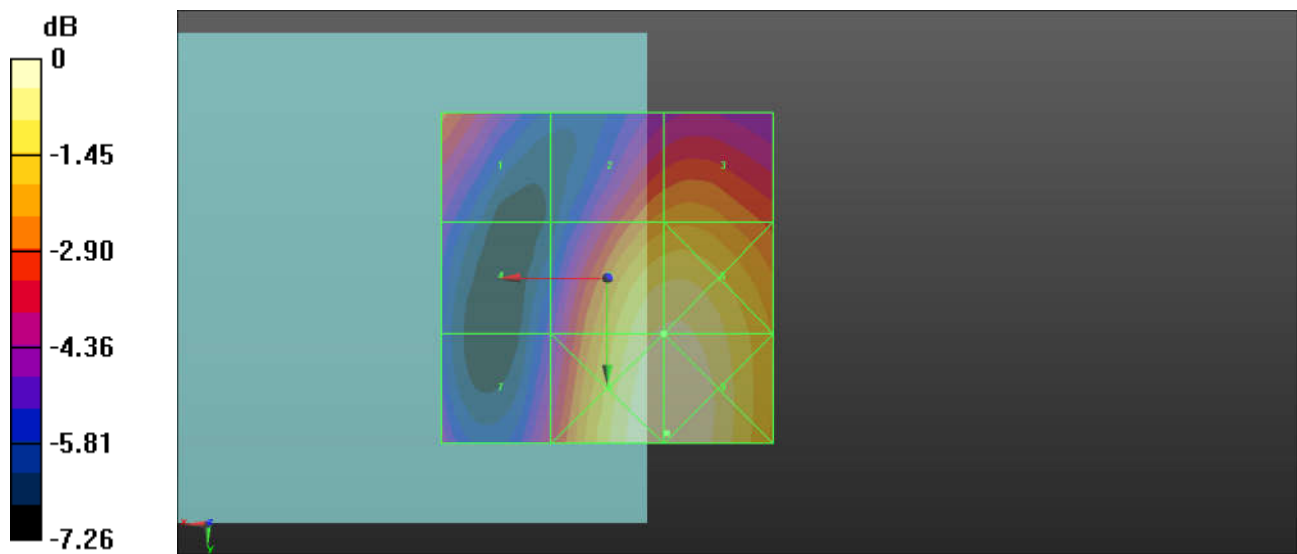
Grid 1 M4 29.5 dBV/m	Grid 2 M3 30.04 dBV/m	Grid 3 M3 30.2 dBV/m
Grid 4 M4 27.44 dBV/m	Grid 5 M3 31.8 dBV/m	Grid 6 M3 31.83 dBV/m
Grid 7 M4 28.52 dBV/m	Grid 8 M3 32.2 dBV/m	Grid 9 M3 32.2 dBV/m

Cursor:

Total = 32.20 dBV/m

E Category: M3

Location: -9, 23.5, 9.7 mm



0 dB = 40.75 V/m = 32.20 dBV/m