

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 = 55.37 V/m; Power Drift = -0.05 dB

Applied MIF = 3.63 dB

RF audio interference level = 36.14 dBV/m

Emission category: M4

MIF scaled E-field

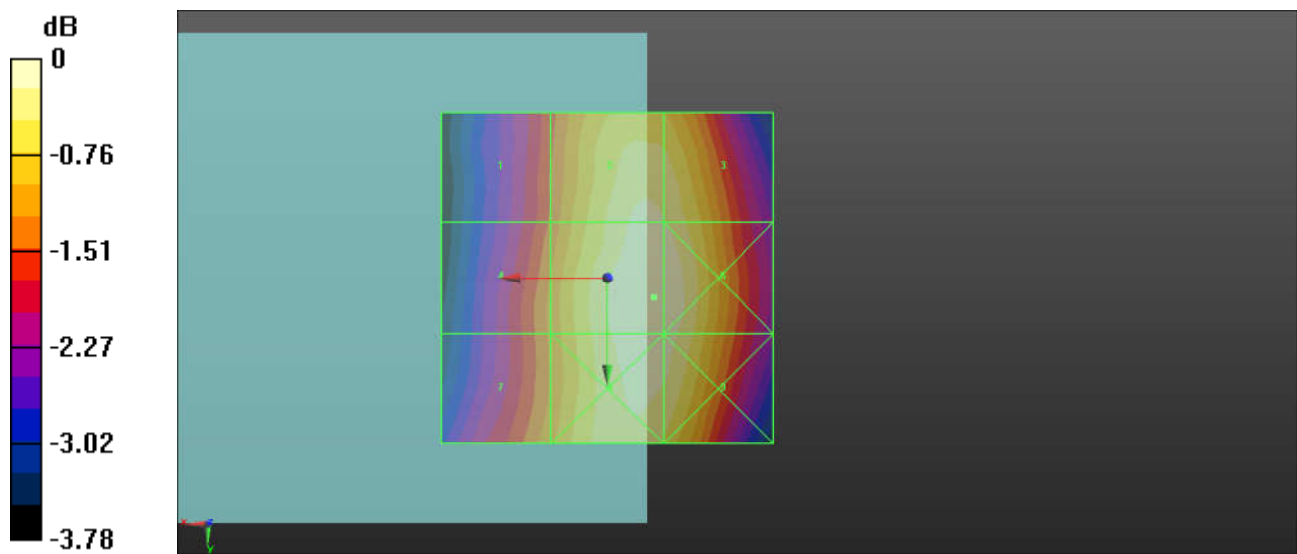
Grid 1 M4 34.7 dBV/m	Grid 2 M4 35.96 dBV/m	Grid 3 M4 35.9 dBV/m
Grid 4 M4 34.98 dBV/m	Grid 5 M4 36.14 dBV/m	Grid 6 M4 36.13 dBV/m
Grid 7 M4 35.09 dBV/m	Grid 8 M4 36.08 dBV/m	Grid 9 M4 36.04 dBV/m

Cursor:

Total = 36.14 dBV/m

E Category: M4

Location: -7, 3, 9.7 mm



0 dB = 64.14 V/m = 36.14 dBV/m

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 = 56.94 V/m; Power Drift = -0.02 dB

Applied MIF = 3.63 dB

RF audio interference level = 36.29 dBV/m

Emission category: M4

MIF scaled E-field

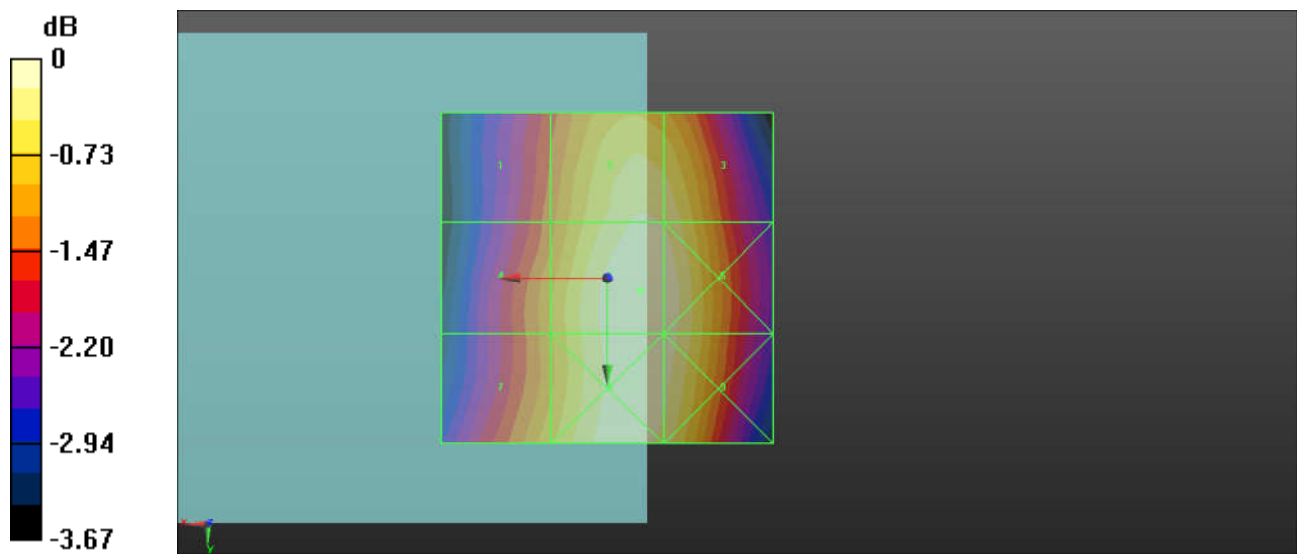
Grid 1 M4 35 dBV/m	Grid 2 M4 36.08 dBV/m	Grid 3 M4 36.02 dBV/m
Grid 4 M4 35.31 dBV/m	Grid 5 M4 36.29 dBV/m	Grid 6 M4 36.23 dBV/m
Grid 7 M4 35.53 dBV/m	Grid 8 M4 36.27 dBV/m	Grid 9 M4 36.2 dBV/m

Cursor:

Total = 36.29 dBV/m

E Category: M4

Location: -5, 2, 9.7 mm



0 dB = 65.21 V/m = 36.29 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 = 60.34 V/m; Power Drift = 0.02 dB

Applied MIF = 3.63 dB

RF audio interference level = 37.26 dBV/m

Emission category: M4

MIF scaled E-field

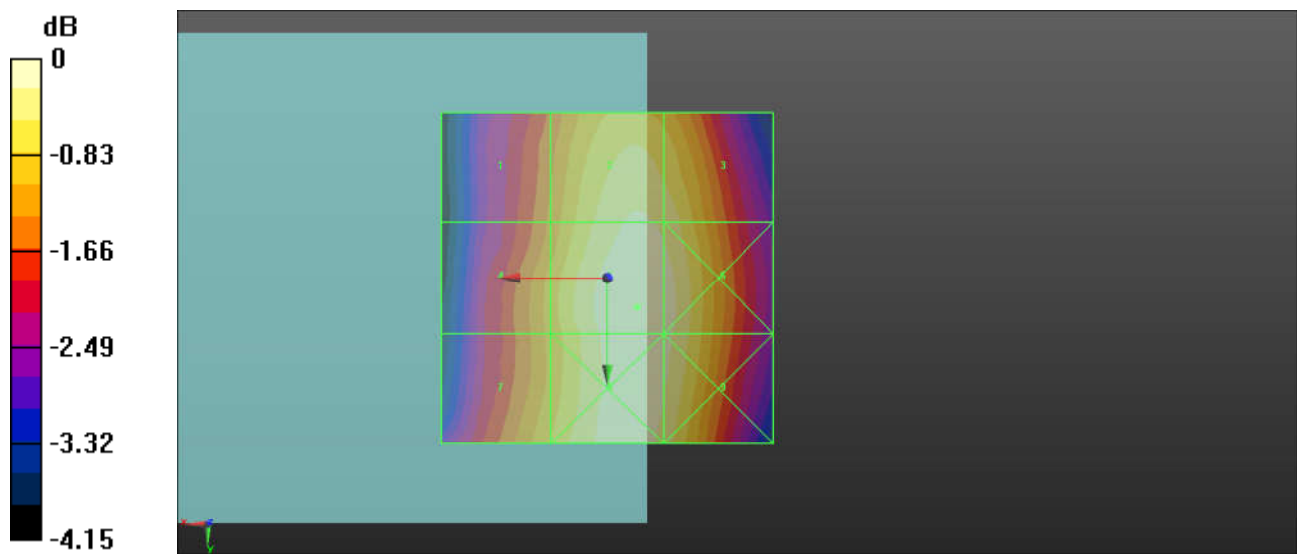
Grid 1 M4 35.97 dBV/m	Grid 2 M4 37.03 dBV/m	Grid 3 M4 36.92 dBV/m
Grid 4 M4 36.3 dBV/m	Grid 5 M4 37.26 dBV/m	Grid 6 M4 37.14 dBV/m
Grid 7 M4 36.47 dBV/m	Grid 8 M4 37.22 dBV/m	Grid 9 M4 37.1 dBV/m

Cursor:

Total = 37.26 dBV/m

E Category: M4

Location: -4.5, 4.5, 9.7 mm



0 dB = 72.94 V/m = 37.26 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 = 12.34 V/m; Power Drift = 0.04 dB

Applied MIF = 3.63 dB

RF audio interference level = 27.14 dBV/m

Emission category: M4

MIF scaled E-field

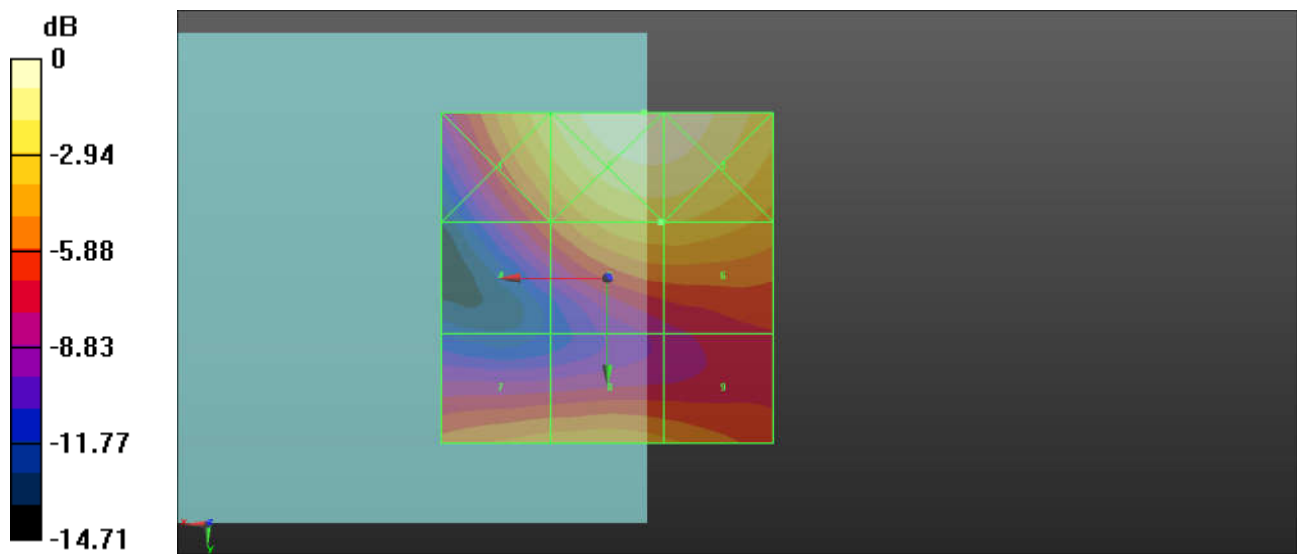
Grid 1 M4 28.08 dBV/m	Grid 2 M3 30.01 dBV/m	Grid 3 M4 29.93 dBV/m
Grid 4 M4 24.32 dBV/m	Grid 5 M4 27.14 dBV/m	Grid 6 M4 27.14 dBV/m
Grid 7 M4 25.76 dBV/m	Grid 8 M4 26.01 dBV/m	Grid 9 M4 25.47 dBV/m

Cursor:

Total = 30.01 dBV/m

E Category: M3

Location: -5.5, -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 = 6.930 V/m; Power Drift = 0.02 dB

Applied MIF = 3.63 dB

RF audio interference level = 24.25 dBV/m

Emission category: M4

MIF scaled E-field

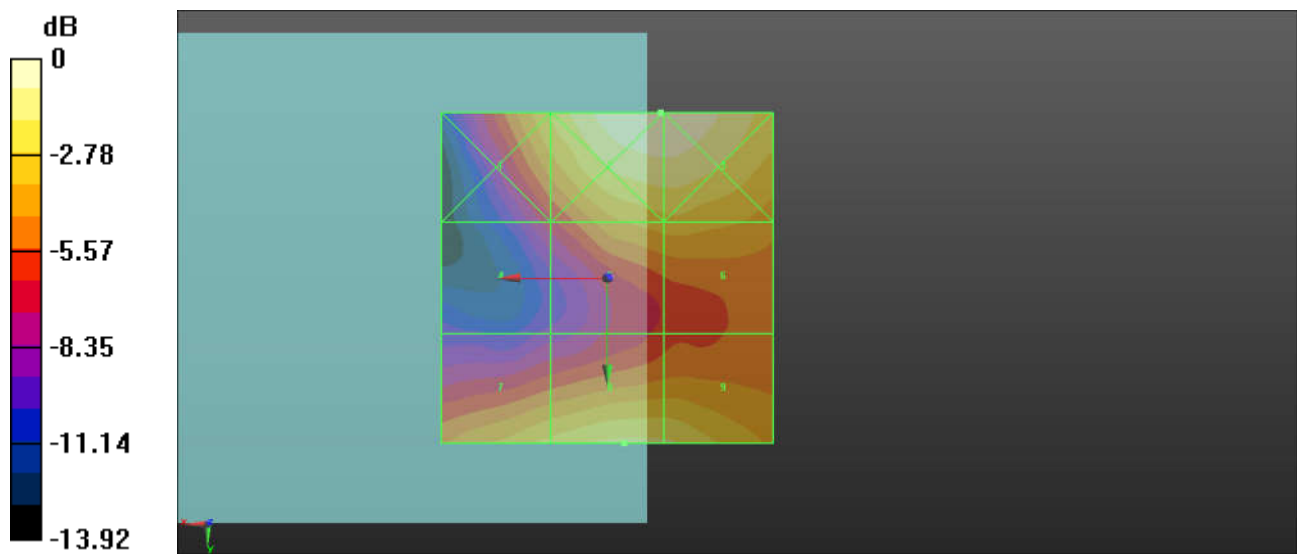
Grid 1 M4 23.23 dBV/m	Grid 2 M4 25.83 dBV/m	Grid 3 M4 25.82 dBV/m
Grid 4 M4 19.07 dBV/m	Grid 5 M4 22.68 dBV/m	Grid 6 M4 22.75 dBV/m
Grid 7 M4 23.42 dBV/m	Grid 8 M4 24.25 dBV/m	Grid 9 M4 24.19 dBV/m

Cursor:

Total = 25.83 dBV/m

E Category: M4

Location: -8, -25, 9.7 mm



0 dB = 19.56 V/m = 25.83 dBV/m

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 = 6.696 V/m; Power Drift = 0.03 dB

Applied MIF = 3.63 dB

RF audio interference level = 24.09 dBV/m

Emission category: M4

MIF scaled E-field

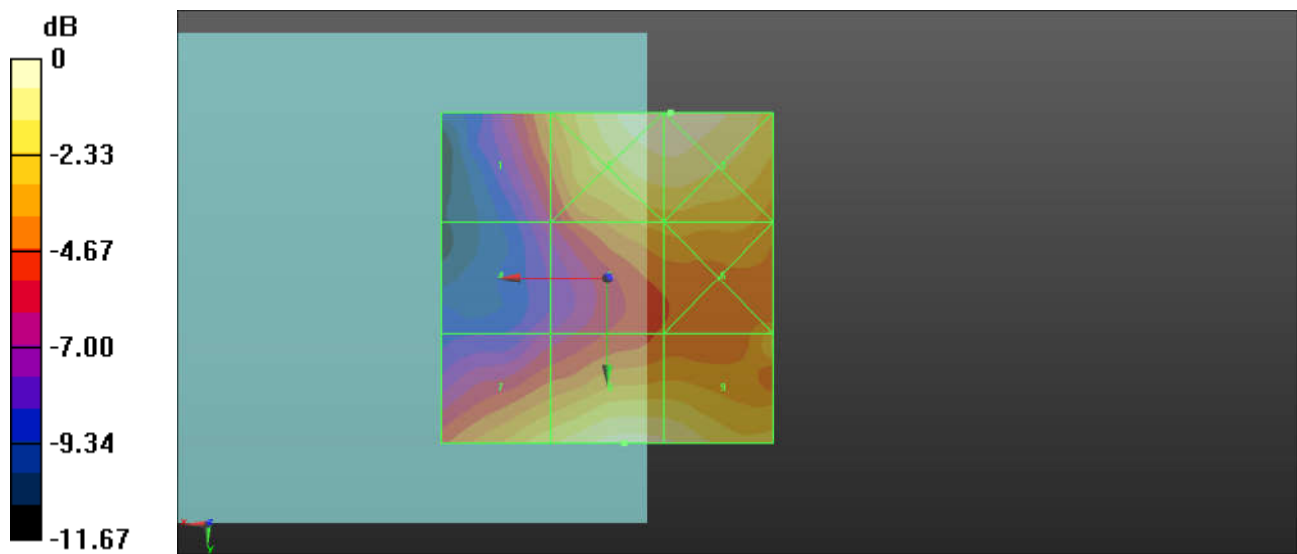
Grid 1 M4 21.03 dBV/m	Grid 2 M4 24.48 dBV/m	Grid 3 M4 24.48 dBV/m
Grid 4 M4 18.23 dBV/m	Grid 5 M4 21.76 dBV/m	Grid 6 M4 21.93 dBV/m
Grid 7 M4 22.88 dBV/m	Grid 8 M4 24.09 dBV/m	Grid 9 M4 23.9 dBV/m

Cursor:

Total = 24.48 dBV/m

E Category: M4

Location: -9.5, -25, 9.7 mm



0 dB = 16.76 V/m = 24.49 dBV/m