

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 : 23.6 °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 = 60.40 V/m; Power Drift = -0.01 dB

Applied MIF = 3.63 dB

RF audio interference level = 36.58 dBV/m

Emission category: M4

MIF scaled E-field

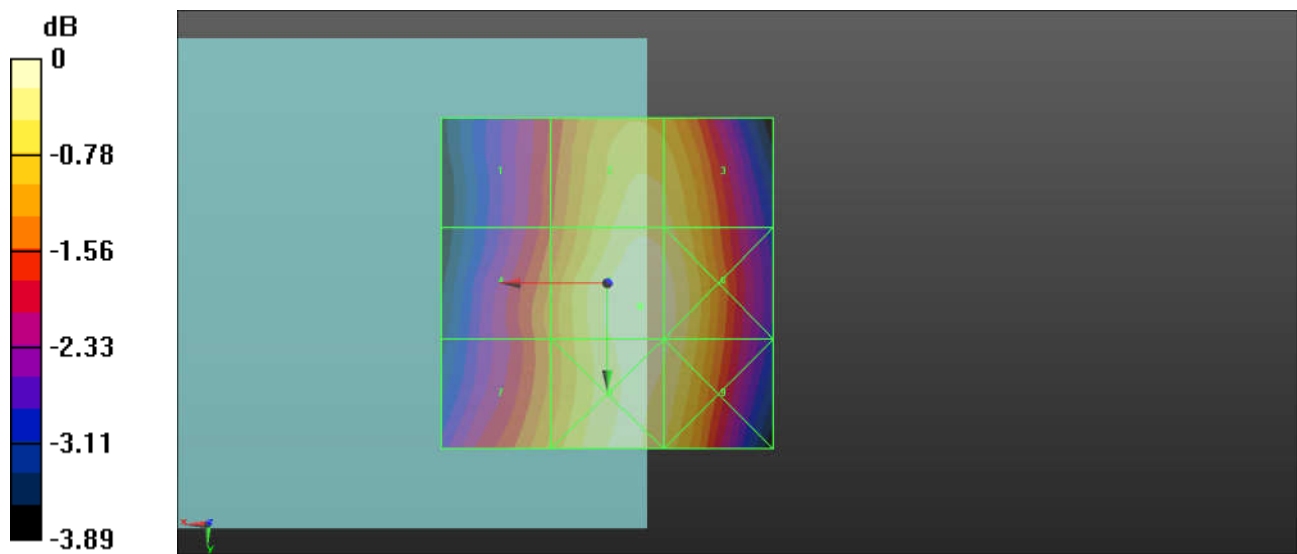
Grid 1 M4 35.01 dBV/m	Grid 2 M4 36.27 dBV/m	Grid 3 M4 36.18 dBV/m
Grid 4 M4 35.42 dBV/m	Grid 5 M4 36.58 dBV/m	Grid 6 M4 36.48 dBV/m
Grid 7 M4 35.63 dBV/m	Grid 8 M4 36.46 dBV/m	Grid 9 M4 36.39 dBV/m

Cursor:

Total = 36.58 dBV/m

E Category: M4

Location: -5, 3.5, 9.7 mm



0 dB = 67.42 V/m = 36.58 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 : 23.6 °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 = 62.47 V/m; Power Drift = 0.03 dB

Applied MIF = 3.63 dB

RF audio interference level = 36.86 dBV/m

Emission category: M4

MIF scaled E-field

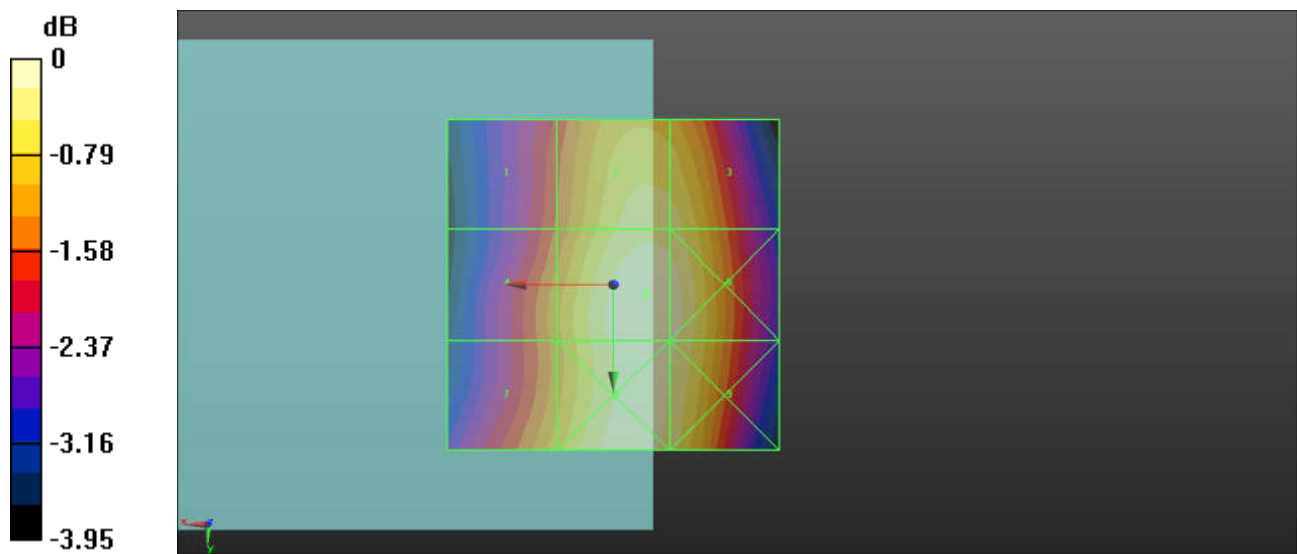
Grid 1 M4 35.35 dBV/m	Grid 2 M4 36.56 dBV/m	Grid 3 M4 36.5 dBV/m
Grid 4 M4 35.77 dBV/m	Grid 5 M4 36.86 dBV/m	Grid 6 M4 36.77 dBV/m
Grid 7 M4 36 dBV/m	Grid 8 M4 36.79 dBV/m	Grid 9 M4 36.69 dBV/m

Cursor:

Total = 36.86 dBV/m

E Category: M4

Location: -5, 1.5, 9.7 mm



0 dB = 69.70 V/m = 36.86 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 : 23.6 °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 = 67.88 V/m; Power Drift = -0.04 dB

Applied MIF = 3.63 dB

RF audio interference level = 37.53 dBV/m

Emission category: M4

MIF scaled E-field

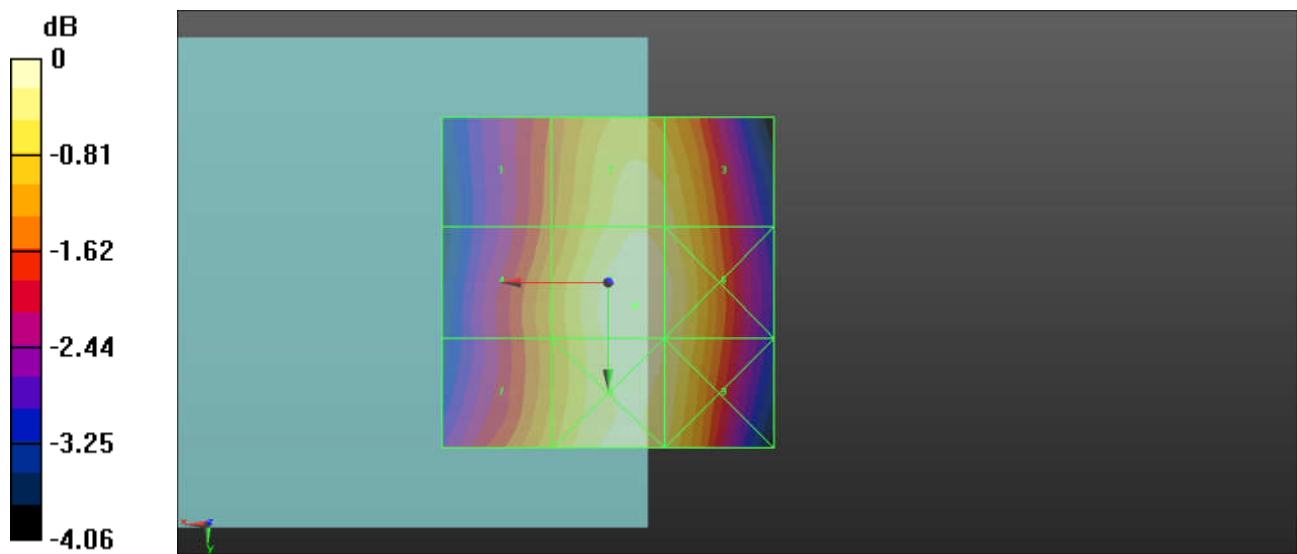
Grid 1 M4 36.14 dBV/m	Grid 2 M4 37.24 dBV/m	Grid 3 M4 37.14 dBV/m
Grid 4 M4 36.52 dBV/m	Grid 5 M4 37.53 dBV/m	Grid 6 M4 37.37 dBV/m
Grid 7 M4 36.69 dBV/m	Grid 8 M4 37.44 dBV/m	Grid 9 M4 37.29 dBV/m

Cursor:

Total = 37.53 dBV/m

E Category: M4

Location: -4, 3.5, 9.7 mm



0 dB = 75.28 V/m = 37.53 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 : 23.6 °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 = 10.90 V/m; Power Drift = -0.07 dB

Applied MIF = 3.63 dB

RF audio interference level = 24.73 dBV/m

Emission category: M4

MIF scaled E-field

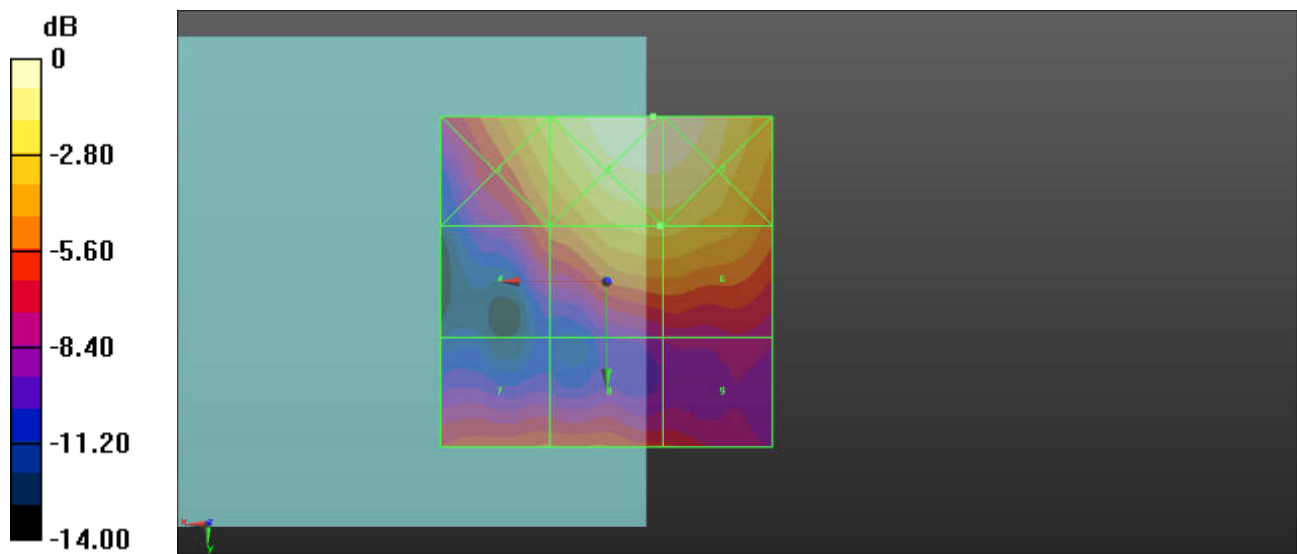
Grid 1 M4 25 dBV/m	Grid 2 M4 27.16 dBV/m	Grid 3 M4 27.13 dBV/m
Grid 4 M4 21.98 dBV/m	Grid 5 M4 24.73 dBV/m	Grid 6 M4 24.73 dBV/m
Grid 7 M4 21.73 dBV/m	Grid 8 M4 21.76 dBV/m	Grid 9 M4 20.96 dBV/m

Cursor:

Total = 27.16 dBV/m

E Category: M4

Location: -7, -25, 9.7 mm



0 dB = 22.80 V/m = 27.16 dBV/m

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 : 23.6 °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 = 9.300 V/m; Power Drift = -0.16 dB

Applied MIF = 3.63 dB

RF audio interference level = 23.31 dBV/m

Emission category: M4

MIF scaled E-field

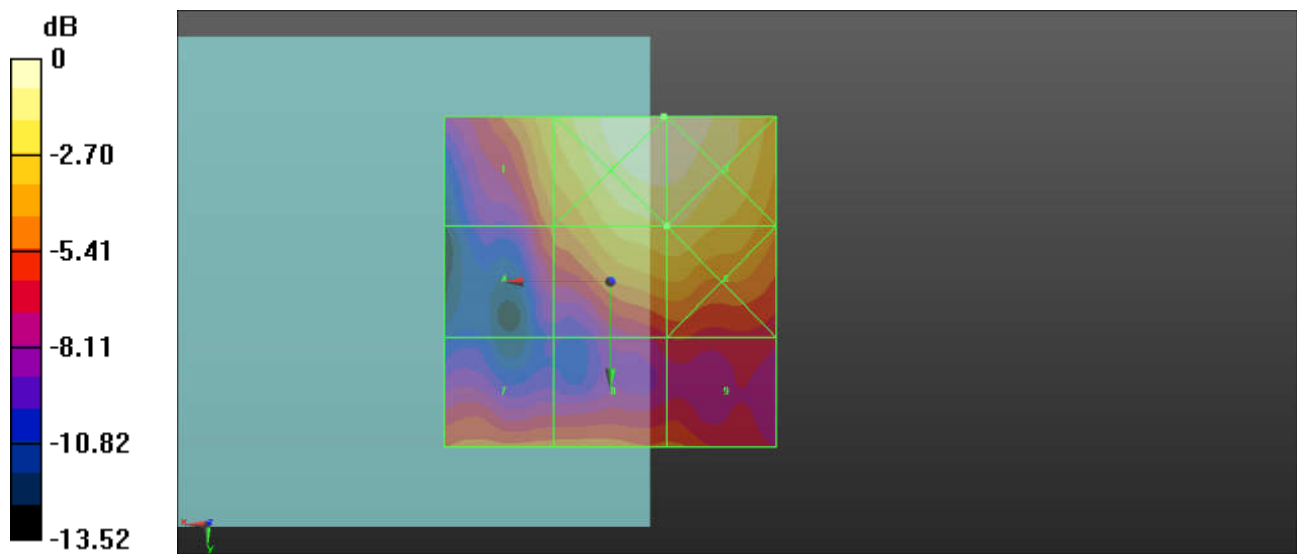
Grid 1 M4 22.56 dBV/m	Grid 2 M4 25.08 dBV/m	Grid 3 M4 25.08 dBV/m
Grid 4 M4 20.17 dBV/m	Grid 5 M4 23.31 dBV/m	Grid 6 M4 23.31 dBV/m
Grid 7 M4 20.19 dBV/m	Grid 8 M4 20.27 dBV/m	Grid 9 M4 20.02 dBV/m

Cursor:

Total = 25.08 dBV/m

E Category: M4

Location: -8, -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 : 23.6 °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 = 6.600 V/m; Power Drift = -0.14 dB

Applied MIF = 3.63 dB

RF audio interference level = 22.00 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.82 dBV/m	Grid 2 M4 24.4 dBV/m	Grid 3 M4 24.34 dBV/m
Grid 4 M4 18.53 dBV/m	Grid 5 M4 21.37 dBV/m	Grid 6 M4 21.39 dBV/m
Grid 7 M4 20.97 dBV/m	Grid 8 M4 22 dBV/m	Grid 9 M4 21.9 dBV/m

Cursor:

Total = 24.40 dBV/m

E Category: M4

Location: -6.5, -25, 9.7 mm

