

01_HAC RF_GSM850_GSM Voice_Ch128_E

Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 824.2 MHz; Duty Cycle: 1:8.69961

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

Ambient Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1); Calibrated: 2022/12/23
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1386; Calibrated: 2023/7/17
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

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 = 43.73 V/m; Power Drift = 0.05 dB

Applied MIF = 3.63 dB

RF audio interference level = 34.90 dBV/m

Emission category: M4

MIF scaled E-field

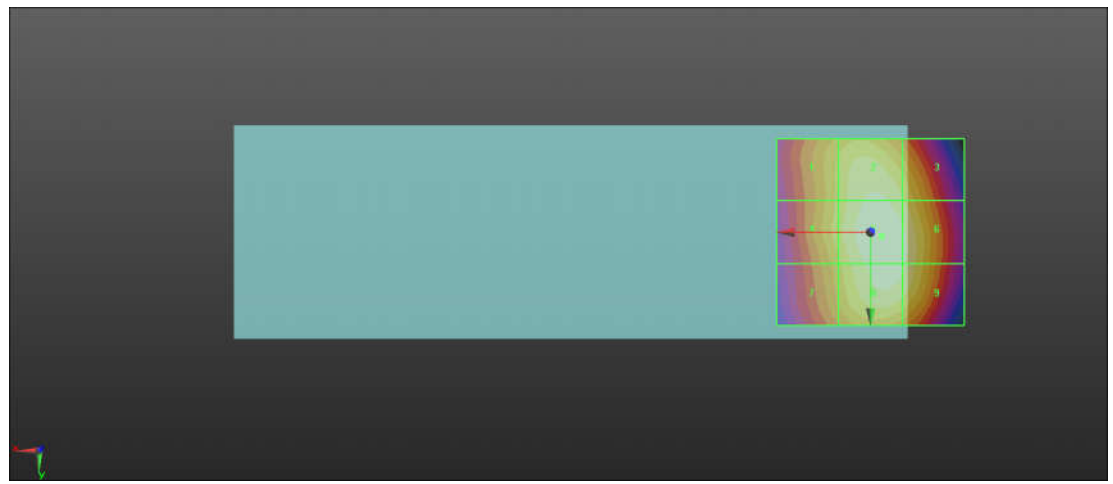
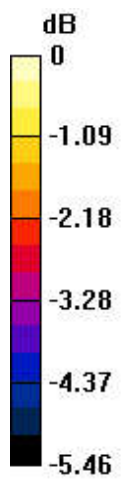
Grid 1 M4 33.91 dBV/m	Grid 2 M4 34.62 dBV/m	Grid 3 M4 34.25 dBV/m
Grid 4 M4 34.07 dBV/m	Grid 5 M4 34.9 dBV/m	Grid 6 M4 34.67 dBV/m
Grid 7 M4 33.74 dBV/m	Grid 8 M4 34.77 dBV/m	Grid 9 M4 34.6 dBV/m

Cursor:

Total = 34.90 dBV/m

E Category: M4

Location: -3, 1, 7.7 mm



0 dB = 55.59 V/m = 34.90 dBV/m

02_HAC RF_GSM850_GSM Voice_Ch189_E

Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 836.4 MHz; Duty Cycle: 1:8.69961

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

Ambient Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1); Calibrated: 2022/12/23
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1386; Calibrated: 2023/7/17
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

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 = 51.19 V/m; Power Drift = 0.07 dB

Applied MIF = 3.63 dB

RF audio interference level = 35.34 dBV/m

Emission category: M4

MIF scaled E-field

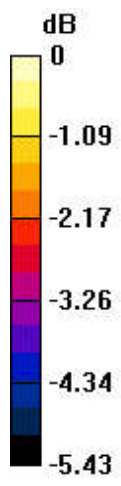
Grid 1 M4 34.3 dBV/m	Grid 2 M4 35.05 dBV/m	Grid 3 M4 34.68 dBV/m
Grid 4 M4 34.42 dBV/m	Grid 5 M4 35.34 dBV/m	Grid 6 M4 35.11 dBV/m
Grid 7 M4 34.11 dBV/m	Grid 8 M4 35.21 dBV/m	Grid 9 M4 35.06 dBV/m

Cursor:

Total = 35.34 dBV/m

E Category: M4

Location: -3, 1, 7.7 mm



0 dB = 58.47 V/m = 35.34 dBV/m

03_HAC RF_GSM850_GSM Voice_Ch251_E

Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 848.8 MHz; Duty Cycle: 1:8.69961

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

Ambient Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1); Calibrated: 2022/12/23
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1386; Calibrated: 2023/7/17
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

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 = 51.92 V/m; Power Drift = -0.10 dB

Applied MIF = 3.63 dB

RF audio interference level = 35.34 dBV/m

Emission category: M4

MIF scaled E-field

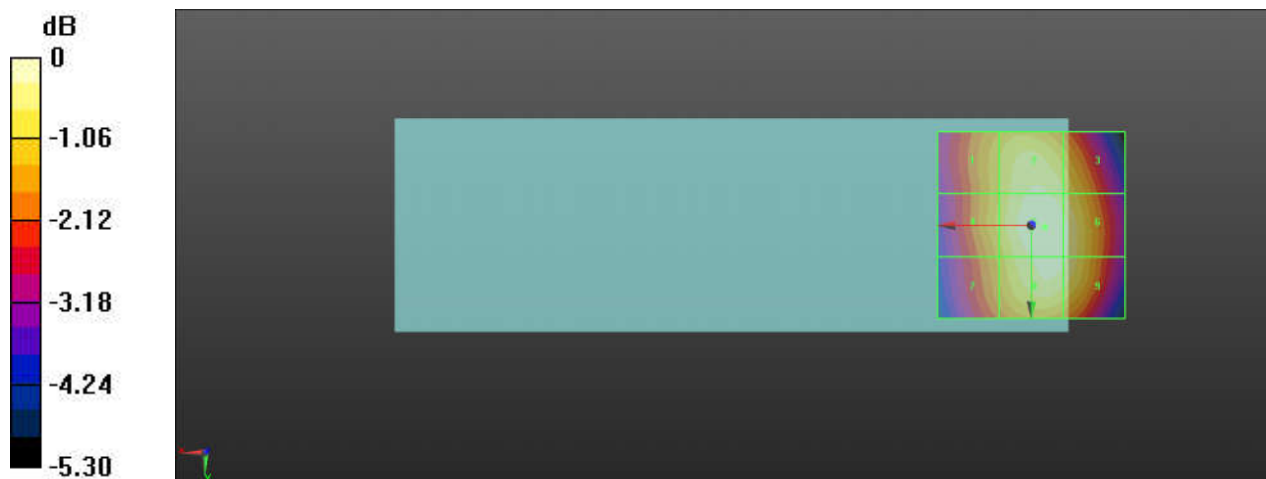
Grid 1 M4 34.3 dBV/m	Grid 2 M4 35.06 dBV/m	Grid 3 M4 34.73 dBV/m
Grid 4 M4 34.42 dBV/m	Grid 5 M4 35.34 dBV/m	Grid 6 M4 35.13 dBV/m
Grid 7 M4 34.09 dBV/m	Grid 8 M4 35.19 dBV/m	Grid 9 M4 35.06 dBV/m

Cursor:

Total = 35.34 dBV/m

E Category: M4

Location: -3.5, 0.5, 7.7 mm



0 dB = 58.46 V/m = 35.34 dBV/m

04_HAC RF_GSM1900_GSM Voice_Ch512_E

Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 1850.2 MHz; Duty Cycle: 1:8.69961

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

Ambient Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1); Calibrated: 2022/12/23
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1386; Calibrated: 2023/7/17
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

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 = 16.26 V/m; Power Drift = -0.01 dB

Applied MIF = 3.63 dB

RF audio interference level = 29.25 dBV/m

Emission category: M4

MIF scaled E-field

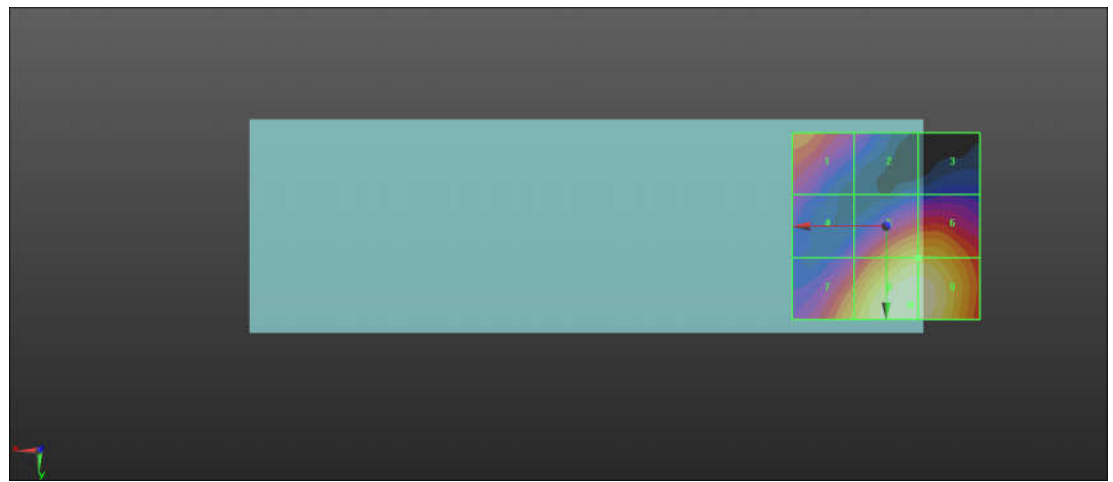
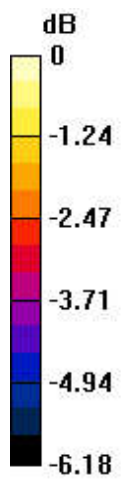
Grid 1 M4 27.11 dBV/m	Grid 2 M4 25.51 dBV/m	Grid 3 M4 24.69 dBV/m
Grid 4 M4 25.63 dBV/m	Grid 5 M4 28.19 dBV/m	Grid 6 M4 28.2 dBV/m
Grid 7 M4 27.92 dBV/m	Grid 8 M4 29.25 dBV/m	Grid 9 M4 29.24 dBV/m

Cursor:

Total = 29.25 dBV/m

E Category: M4

Location: -6.5, 21, 7.7 mm



0 dB = 29.02 V/m = 29.25 dBV/m

05_HAC RF_GSM1900_GSM Voice_Ch661_E

Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz; Duty Cycle: 1:8.69961

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

Ambient Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1); Calibrated: 2022/12/23
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1386; Calibrated: 2023/7/17
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

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 = 14.39 V/m; Power Drift = 0.09 dB

Applied MIF = 3.63 dB

RF audio interference level = 29.22 dBV/m

Emission category: M4

MIF scaled E-field

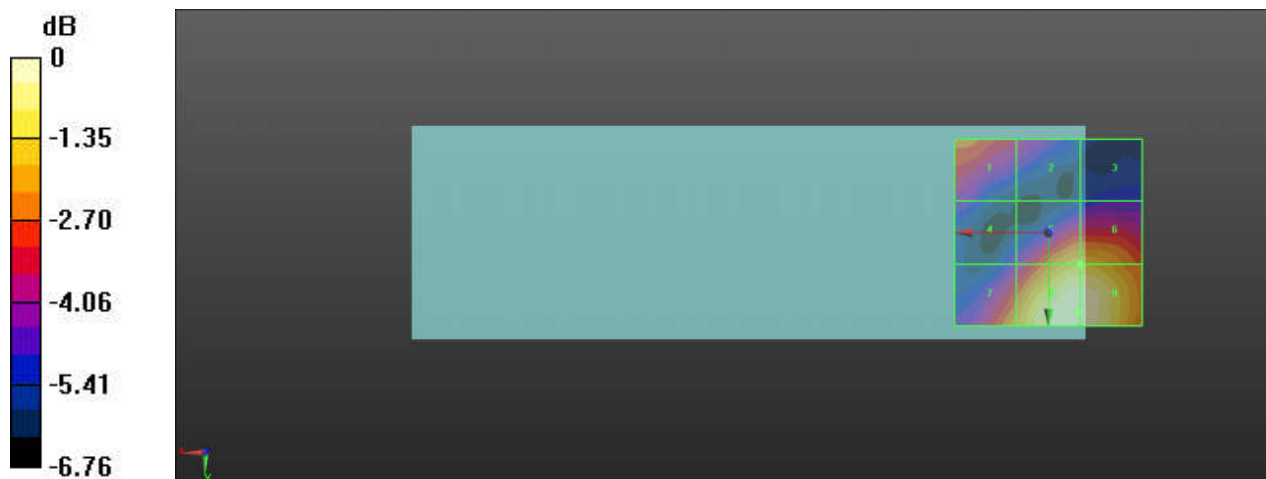
Grid 1 M4 26.73 dBV/m	Grid 2 M4 25.58 dBV/m	Grid 3 M4 24.31 dBV/m
Grid 4 M4 24.91 dBV/m	Grid 5 M4 27.83 dBV/m	Grid 6 M4 27.84 dBV/m
Grid 7 M4 27.44 dBV/m	Grid 8 M4 29.22 dBV/m	Grid 9 M4 29.22 dBV/m

Cursor:

Total = 29.22 dBV/m

E Category: M4

Location: -8, 21, 7.7 mm



06_HAC RF_GSM1900_GSM Voice_Ch810_E

Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 1909.8 MHz; Duty Cycle: 1:8.69961

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

Ambient Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1); Calibrated: 2022/12/23
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1386; Calibrated: 2023/7/17
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

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 = 13.63 V/m; Power Drift = 0.07 dB

Applied MIF = 3.63 dB

RF audio interference level = 29.36 dBV/m

Emission category: M4

MIF scaled E-field

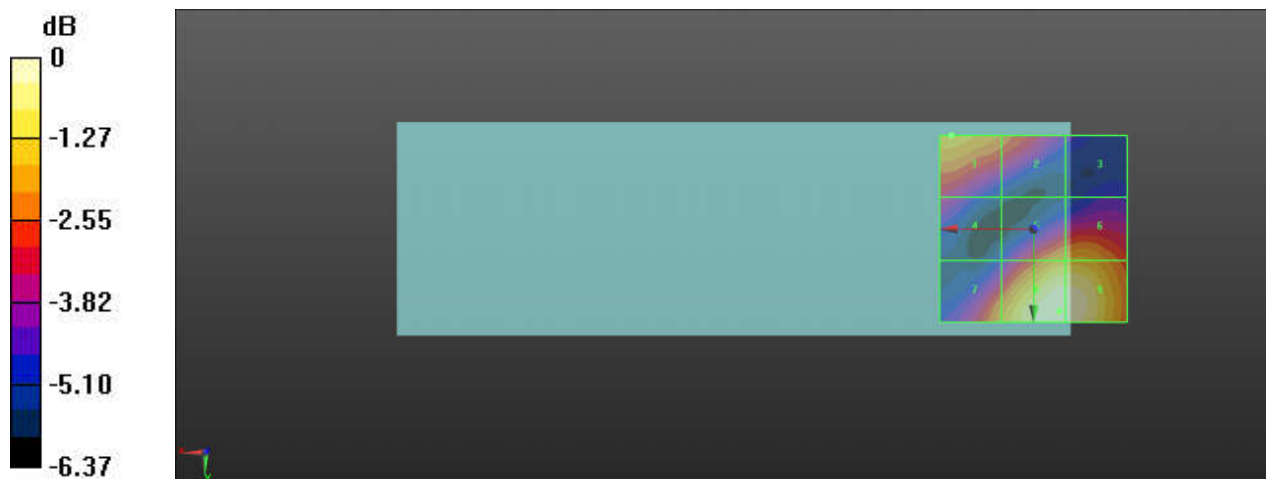
Grid 1 M4 27.93 dBV/m	Grid 2 M4 27.16 dBV/m	Grid 3 M4 25.08 dBV/m
Grid 4 M4 25.94 dBV/m	Grid 5 M4 27.81 dBV/m	Grid 6 M4 27.9 dBV/m
Grid 7 M4 27.65 dBV/m	Grid 8 M4 29.36 dBV/m	Grid 9 M4 29.34 dBV/m

Cursor:

Total = 29.36 dBV/m

E Category: M4

Location: -7, 22, 7.7 mm



0 dB = 29.37 V/m = 29.36 dBV/m