

#01_HAC_E_GSM850_GSM Voice_Ch128

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 : 23.6 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2014/1/30;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1425; Calibrated: 2014/3/3
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch128/E Scan - ER3D: 15 mm from Probe Center to the Device/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 = 63.89 V/m; Power Drift = 0.11 dB

Applied MIF = 3.63 dB

RF audio interference level = 37.76 dBV/m

Emission category: M4

MIF scaled E-field

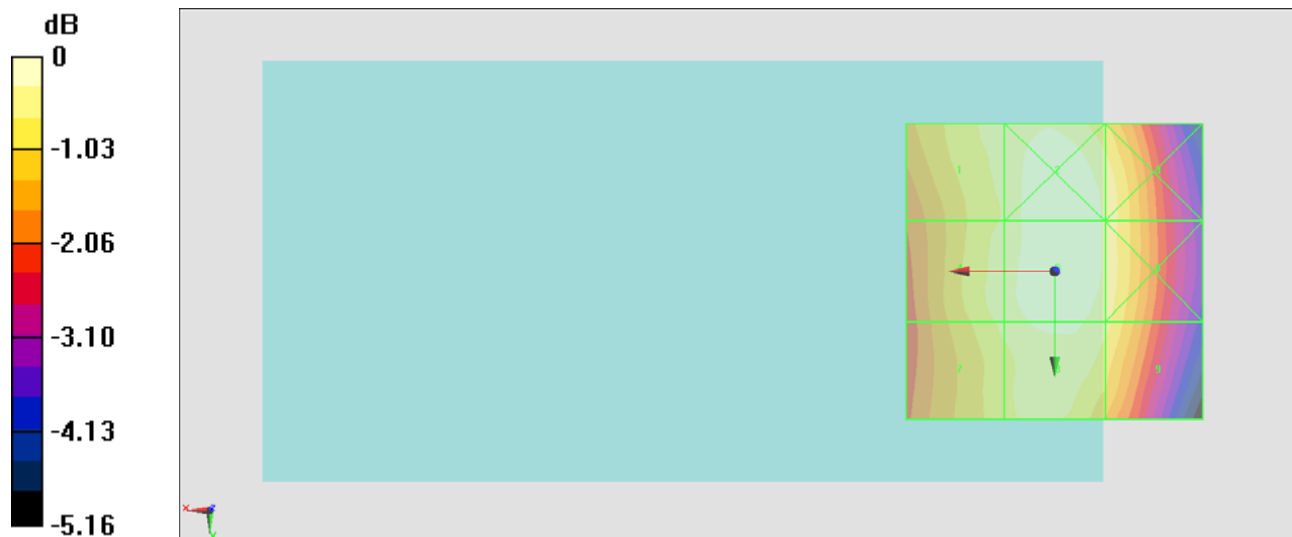
Grid 1 M4 37.25 dBV/m	Grid 2 M4 37.72 dBV/m	Grid 3 M4 37.37 dBV/m
Grid 4 M4 37.31 dBV/m	Grid 5 M4 37.76 dBV/m	Grid 6 M4 37.37 dBV/m
Grid 7 M4 37.19 dBV/m	Grid 8 M4 37.5 dBV/m	Grid 9 M4 37.18 dBV/m

Cursor:

Total = 37.76 dBV/m

E Category: M4

Location: -0.5, -0.5, 8.7 mm



#02_HAC_E_GSM850_GSM Voice_Ch189

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 : 23.6 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2014/1/30;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1425; Calibrated: 2014/3/3
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch189/E Scan - ER3D: 15 mm from Probe Center to the Device/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 = 62.62 V/m; Power Drift = -0.05 dB

Applied MIF = 3.63 dB

RF audio interference level = 37.58 dBV/m

Emission category: M4

MIF scaled E-field

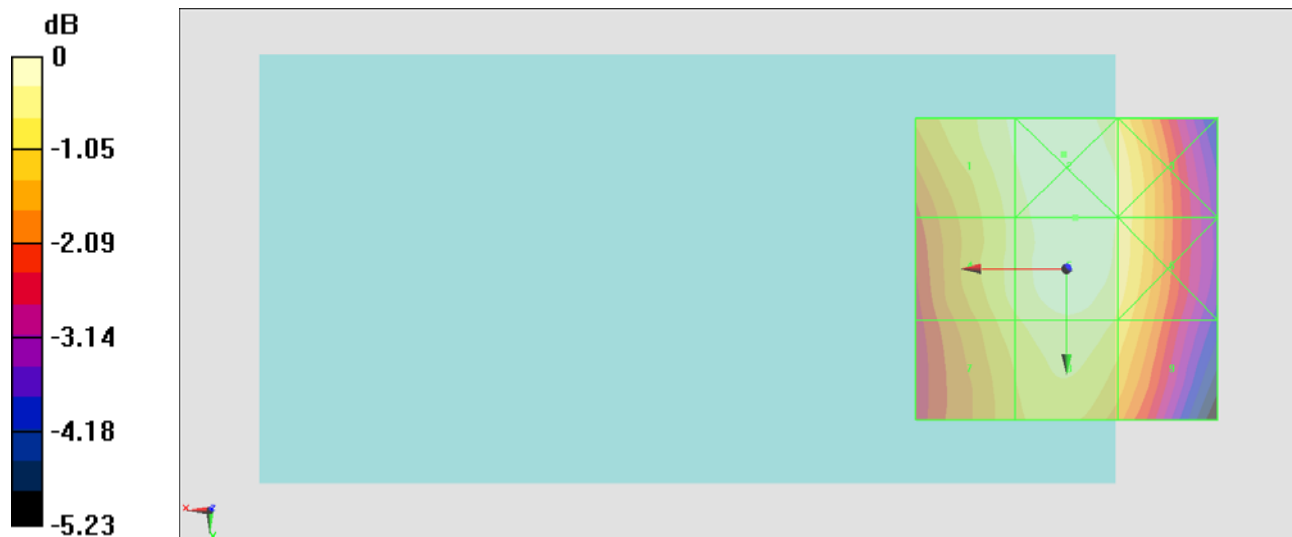
Grid 1 M4 37.33 dBV/m	Grid 2 M4 37.61 dBV/m	Grid 3 M4 37.26 dBV/m
Grid 4 M4 37.07 dBV/m	Grid 5 M4 37.58 dBV/m	Grid 6 M4 37.24 dBV/m
Grid 7 M4 36.85 dBV/m	Grid 8 M4 37.22 dBV/m	Grid 9 M4 36.85 dBV/m

Cursor:

Total = 37.61 dBV/m

E Category: M4

Location: 0.5, -19, 8.7 mm



#03_HAC_E_GSM850_GSM Voice_Ch251

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 : 23.6 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2014/1/30;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1425; Calibrated: 2014/3/3
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch251/E Scan - ER3D: 15 mm from Probe Center to the Device/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 = 60.78 V/m; Power Drift = -0.05 dB

Applied MIF = 3.63 dB

RF audio interference level = 37.30 dBV/m

Emission category: M4

MIF scaled E-field

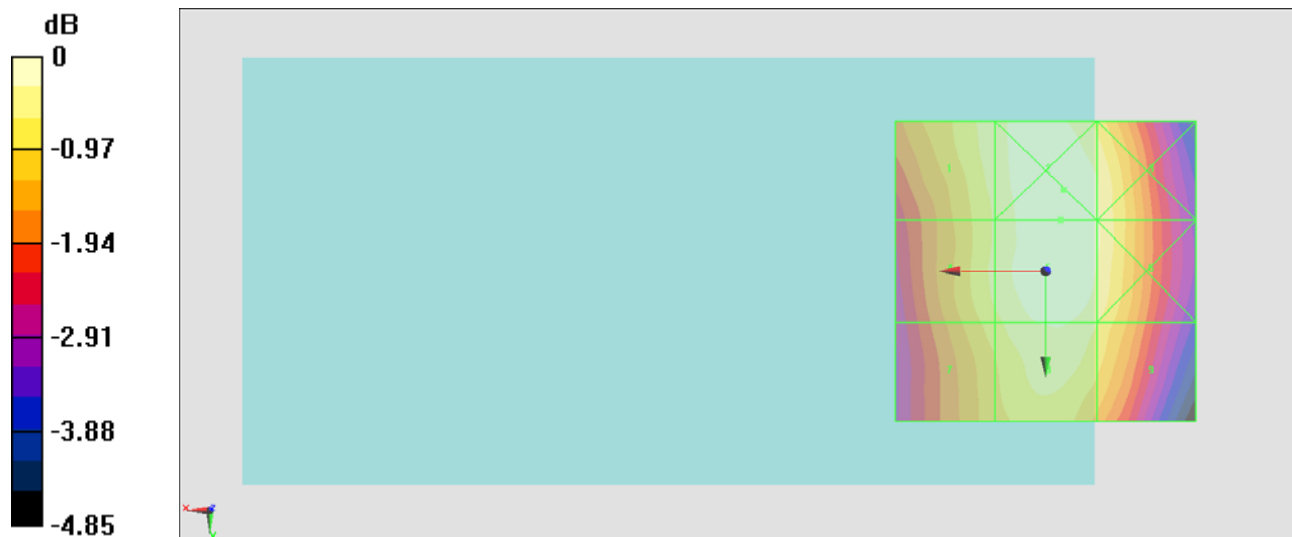
Grid 1 M4 36.87 dBV/m	Grid 2 M4 37.31 dBV/m	Grid 3 M4 37.03 dBV/m
Grid 4 M4 36.76 dBV/m	Grid 5 M4 37.3 dBV/m	Grid 6 M4 37.05 dBV/m
Grid 7 M4 36.56 dBV/m	Grid 8 M4 37.03 dBV/m	Grid 9 M4 36.69 dBV/m

Cursor:

Total = 37.31 dBV/m

E Category: M4

Location: -3, -13.5, 8.7 mm



#04_HAC_E_GSM1900_GSM Voice_Ch512

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 : 23.6 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2014/1/30;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1425; Calibrated: 2014/3/3
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch512/E Scan - ER3D: 15 mm from Probe Center to the Device/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 = 34.10 V/m; Power Drift = -0.01 dB

Applied MIF = 3.63 dB

RF audio interference level = 33.31 dBV/m

Emission category: M3

MIF scaled E-field

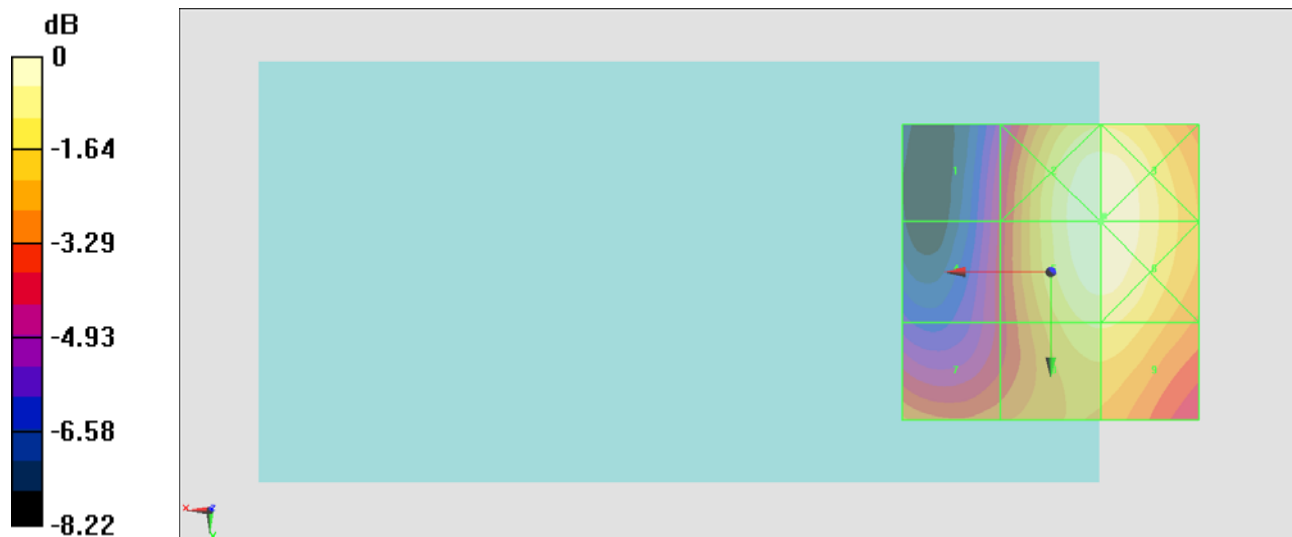
Grid 1 M4 29.12 dBV/m	Grid 2 M3 33.31 dBV/m	Grid 3 M3 33.31 dBV/m
Grid 4 M4 29.26 dBV/m	Grid 5 M3 33.31 dBV/m	Grid 6 M3 33.31 dBV/m
Grid 7 M3 30.76 dBV/m	Grid 8 M3 32.32 dBV/m	Grid 9 M3 32.32 dBV/m

Cursor:

Total = 33.31 dBV/m

E Category: M3

Location: -9, -9.5, 8.7 mm



#05_HAC_E_GSM1900_GSM Voice_Ch661

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 : 23.6 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2014/1/30;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1425; Calibrated: 2014/3/3
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch661/E Scan - ER3D: 15 mm from Probe Center to the Device/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 = 36.47 V/m; Power Drift = 0.06 dB

Applied MIF = 3.63 dB

RF audio interference level = 33.82 dBV/m

Emission category: M3

MIF scaled E-field

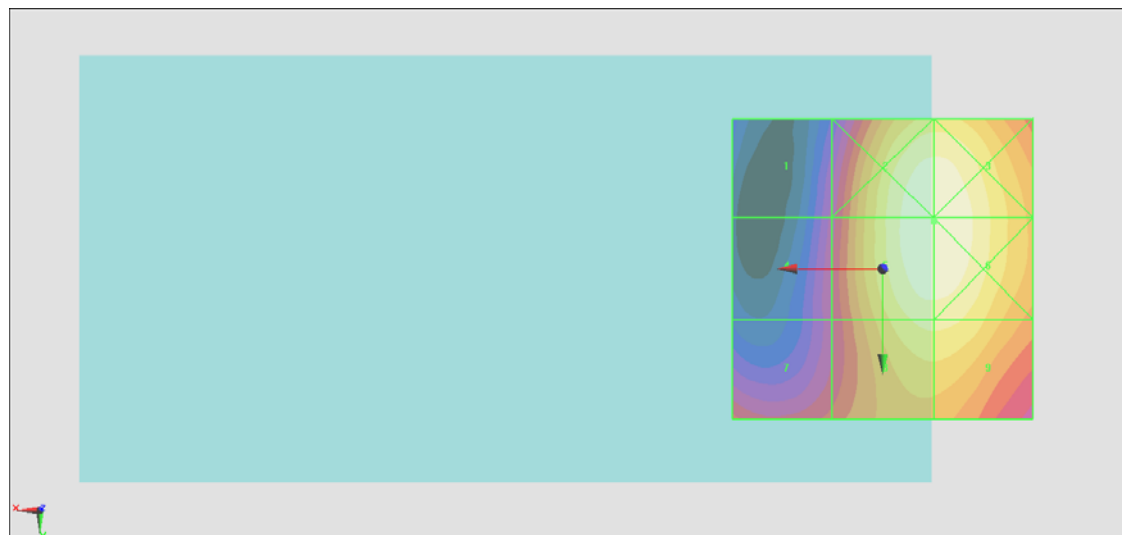
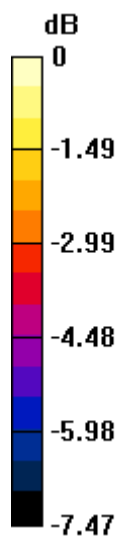
Grid 1 M4 29.56 dBV/m	Grid 2 M3 33.82 dBV/m	Grid 3 M3 33.82 dBV/m
Grid 4 M4 29.89 dBV/m	Grid 5 M3 33.82 dBV/m	Grid 6 M3 33.82 dBV/m
Grid 7 M3 30.59 dBV/m	Grid 8 M3 33.01 dBV/m	Grid 9 M3 33.01 dBV/m

Cursor:

Total = 33.82 dBV/m

E Category: M3

Location: -8.5, -8, 8.7 mm



0 dB = 49.11 V/m = 33.82 dBV/m

#06_HAC_E_GSM1900_GSM Voice_Ch810

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 : 23.6 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2014/1/30;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1425; Calibrated: 2014/3/3
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch810/E Scan - ER3D: 15 mm from Probe Center to the Device/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 = 33.29 V/m; Power Drift = -0.02 dB

Applied MIF = 3.63 dB

RF audio interference level = 32.85 dBV/m

Emission category: M3

MIF scaled E-field

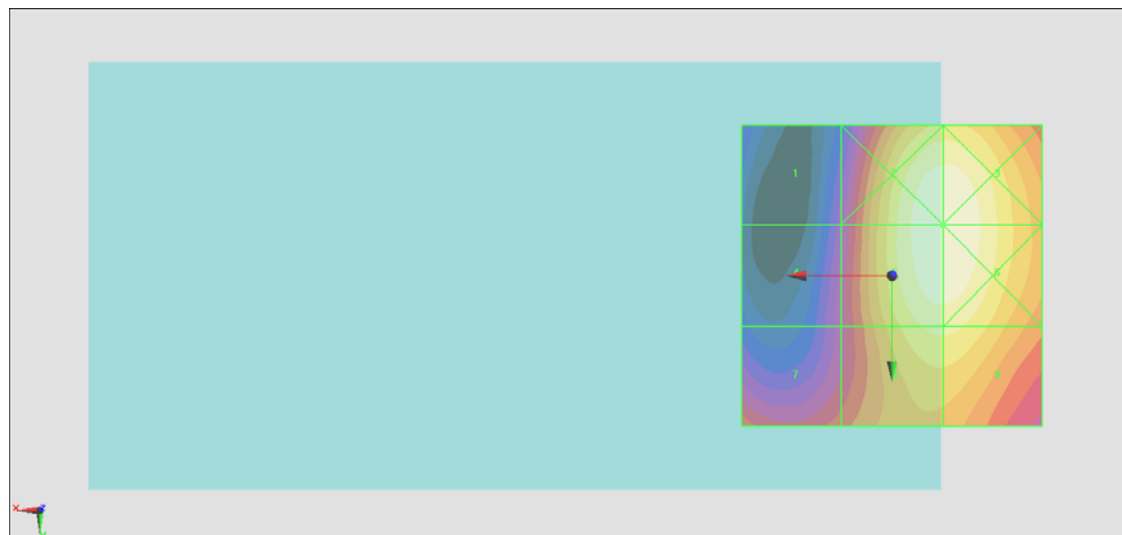
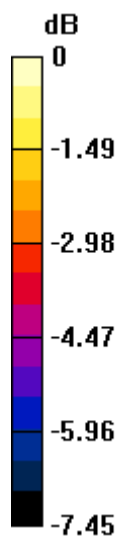
Grid 1 M4 28.23 dBV/m	Grid 2 M3 32.85 dBV/m	Grid 3 M3 32.85 dBV/m
Grid 4 M4 28.71 dBV/m	Grid 5 M3 32.85 dBV/m	Grid 6 M3 32.85 dBV/m
Grid 7 M4 29.85 dBV/m	Grid 8 M3 32.01 dBV/m	Grid 9 M3 32.01 dBV/m

Cursor:

Total = 32.85 dBV/m

E Category: M3

Location: -8.5, -8.5, 8.7 mm



0 dB = 43.92 V/m = 32.85 dBV/m