

#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 Sn1399; Calibrated: 2013/11/7
- 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 = 82.05 V/m; Power Drift = -0.01 dB

Applied MIF = 3.63 dB

RF audio interference level = 40.23 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 39.04 dBV/m	Grid 2 M4 39.05 dBV/m	Grid 3 M4 36.54 dBV/m
Grid 4 M3 40.22 dBV/m	Grid 5 M3 40.23 dBV/m	Grid 6 M4 35.93 dBV/m
Grid 7 M3 40.6 dBV/m	Grid 8 M3 40.57 dBV/m	Grid 9 M4 35.87 dBV/m

Cursor:

Total = 40.60 dBV/m

E Category: M3

Location: 11, 25, 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 Sn1399; Calibrated: 2013/11/7
- 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 = 79.26 V/m; Power Drift = 0.06 dB

Applied MIF = 3.63 dB

RF audio interference level = 40.13 dBV/m

Emission category: M3

MIF scaled E-field

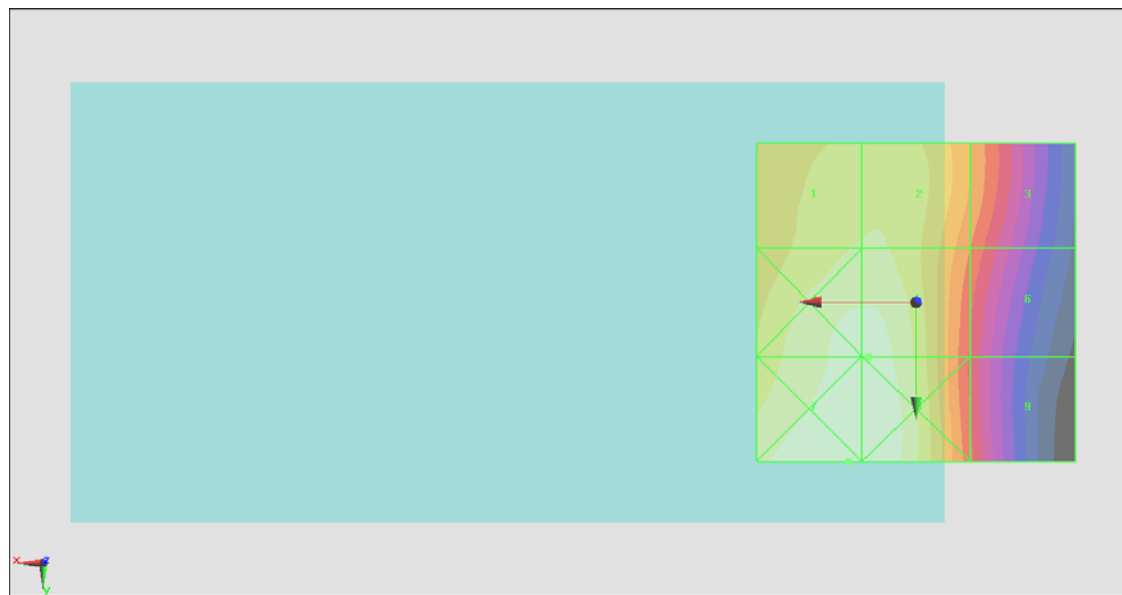
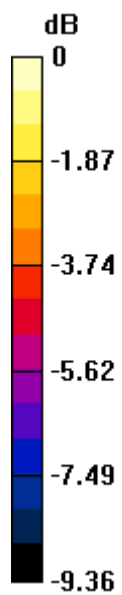
Grid 1 M4 39.29 dBV/m	Grid 2 M4 39.32 dBV/m	Grid 3 M4 37.38 dBV/m
Grid 4 M3 40.12 dBV/m	Grid 5 M3 40.13 dBV/m	Grid 6 M4 36.74 dBV/m
Grid 7 M3 40.47 dBV/m	Grid 8 M3 40.44 dBV/m	Grid 9 M4 36.33 dBV/m

Cursor:

Total = 40.47 dBV/m

E Category: M3

Location: 10.5, 25, 8.7 mm



0 dB = 105.6 V/m = 40.47 dBV/m

#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 Sn1399; Calibrated: 2013/11/7
- 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 = 72.99 V/m; Power Drift = -0.04 dB

Applied MIF = 3.63 dB

RF audio interference level = 39.31 dBV/m

Emission category: M4

MIF scaled E-field

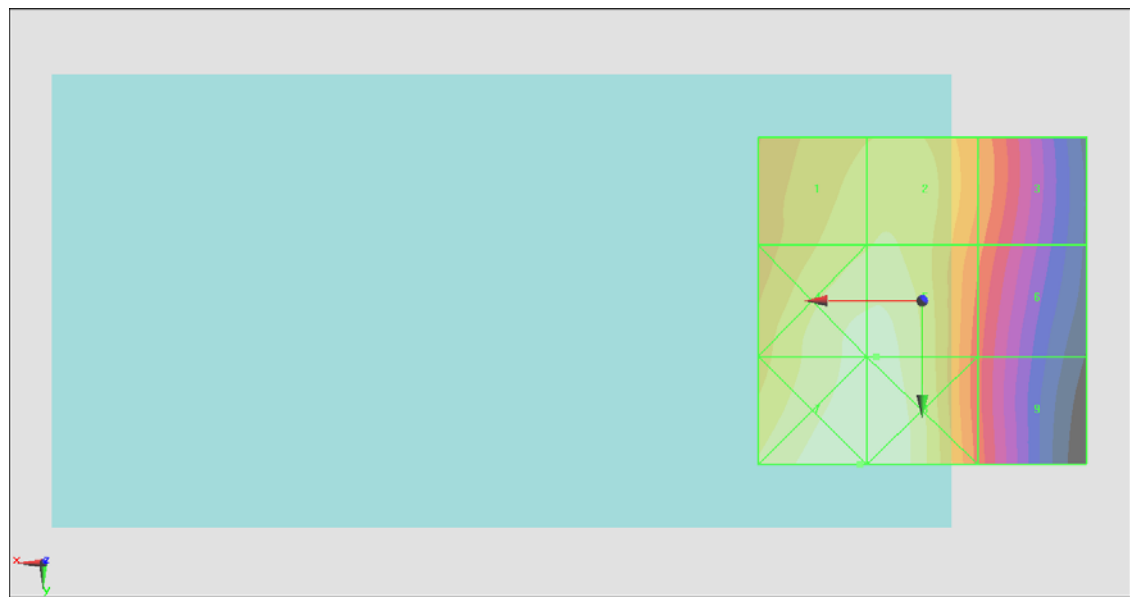
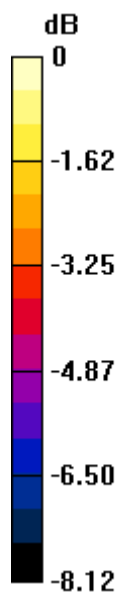
Grid 1 M4 38.51 dBV/m	Grid 2 M4 38.61 dBV/m	Grid 3 M4 37.01 dBV/m
Grid 4 M4 39.28 dBV/m	Grid 5 M4 39.31 dBV/m	Grid 6 M4 36.6 dBV/m
Grid 7 M4 39.64 dBV/m	Grid 8 M4 39.63 dBV/m	Grid 9 M4 36.21 dBV/m

Cursor:

Total = 39.64 dBV/m

E Category: M4

Location: 9.5, 25, 8.7 mm



0 dB = 95.90 V/m = 39.64 dBV/m

#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 Sn1399; Calibrated: 2013/11/7
- 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 = 22.43 V/m; Power Drift = 0.10 dB

Applied MIF = 3.63 dB

RF audio interference level = 30.89 dBV/m

Emission category: M3

MIF scaled E-field

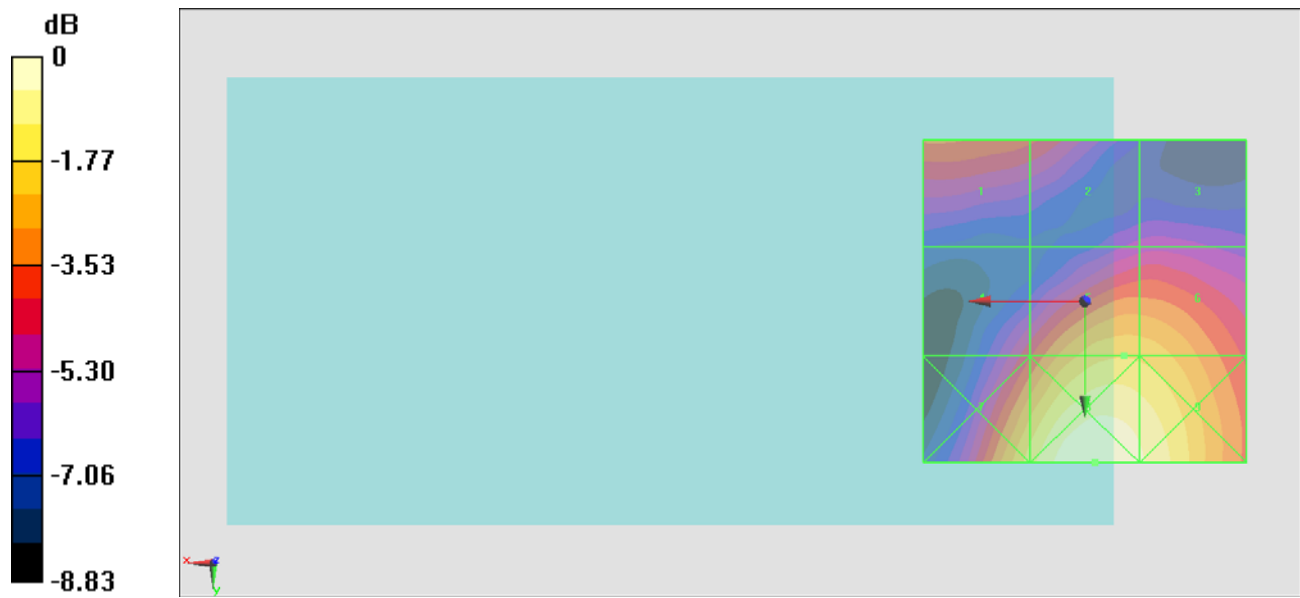
Grid 1 M4 29.25 dBV/m	Grid 2 M4 28.72 dBV/m	Grid 3 M4 27.21 dBV/m
Grid 4 M4 28.51 dBV/m	Grid 5 M3 30.89 dBV/m	Grid 6 M3 30.8 dBV/m
Grid 7 M3 31.26 dBV/m	Grid 8 M3 32.68 dBV/m	Grid 9 M3 32.19 dBV/m

Cursor:

Total = 32.68 dBV/m

E Category: M3

Location: -1.5, 25, 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

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2014/1/30;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1399; Calibrated: 2013/11/7
- 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 = 24.19 V/m; Power Drift = -0.01 dB

Applied MIF = 3.63 dB

RF audio interference level = 31.44 dBV/m

Emission category: M3

MIF scaled E-field

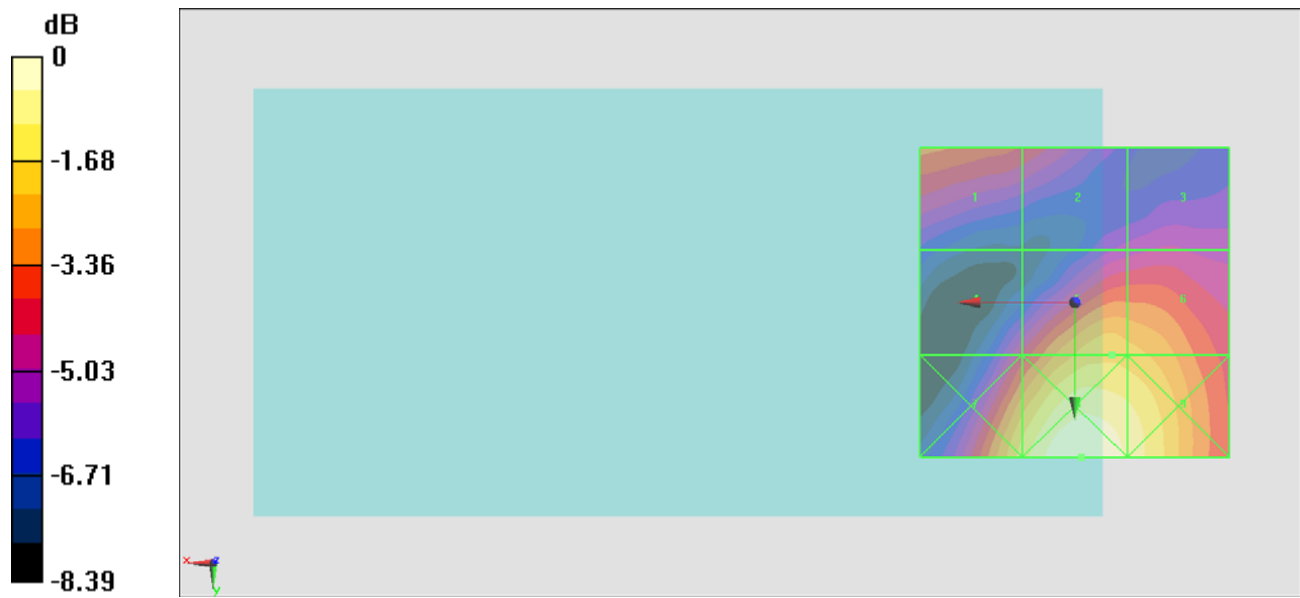
Grid 1 M3 30.1 dBV/m	Grid 2 M4 29.3 dBV/m	Grid 3 M4 28.35 dBV/m
Grid 4 M4 28.99 dBV/m	Grid 5 M3 31.44 dBV/m	Grid 6 M3 31.31 dBV/m
Grid 7 M3 31.89 dBV/m	Grid 8 M3 33.26 dBV/m	Grid 9 M3 32.58 dBV/m

Cursor:

Total = 33.26 dBV/m

E Category: M3

Location: -1, 25, 8.7 mm



#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

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2014/1/30;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1399; Calibrated: 2013/11/7
- 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 = 24.96 V/m; Power Drift = 0.03 dB

Applied MIF = 3.63 dB

RF audio interference level = 31.51 dBV/m

Emission category: M3

MIF scaled E-field

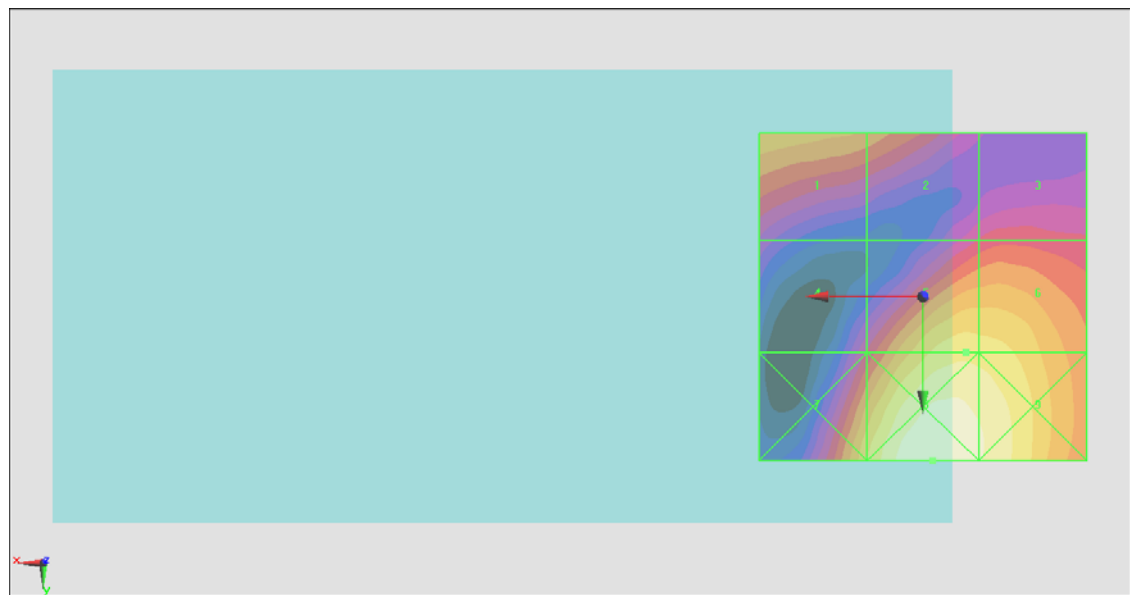
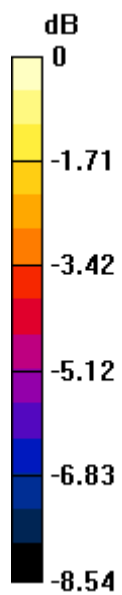
Grid 1 M3 30.51 dBV/m	Grid 2 M4 29.85 dBV/m	Grid 3 M4 28.72 dBV/m
Grid 4 M4 28.38 dBV/m	Grid 5 M3 31.51 dBV/m	Grid 6 M3 31.45 dBV/m
Grid 7 M3 31.12 dBV/m	Grid 8 M3 32.82 dBV/m	Grid 9 M3 32.34 dBV/m

Cursor:

Total = 32.82 dBV/m

E Category: M3

Location: -1.5, 25, 8.7 mm



0 dB = 43.74 V/m = 32.82 dBV/m