

#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 : 23.2 °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 = 73.51 V/m; Power Drift = 0.11 dB

Applied MIF = 3.63 dB

RF audio interference level = 39.01 dBV/m

Emission category: M4

MIF scaled E-field

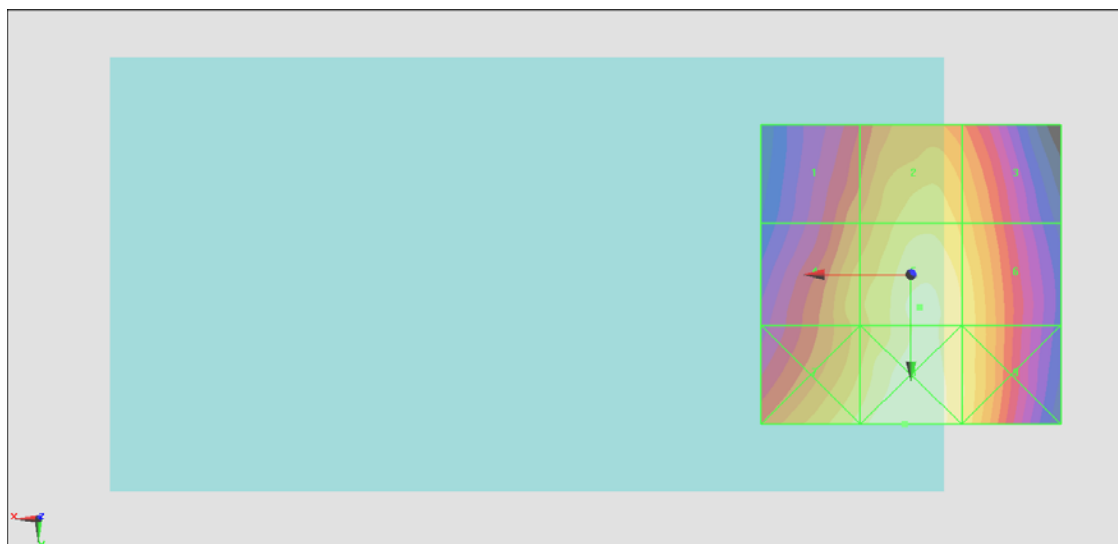
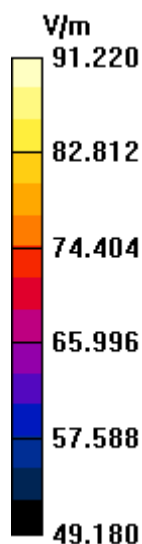
Grid 1 M4 37.81 dBV/m	Grid 2 M4 38.59 dBV/m	Grid 3 M4 38.28 dBV/m
Grid 4 M4 38.34 dBV/m	Grid 5 M4 39.01 dBV/m	Grid 6 M4 38.66 dBV/m
Grid 7 M4 38.79 dBV/m	Grid 8 M4 39.2 dBV/m	Grid 9 M4 38.7 dBV/m

Cursor:

Total = 39.20 dBV/m

E Category: M4

Location: 1, 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 : 23.2 °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 = 72.06 V/m; Power Drift = 0.00 dB

Applied MIF = 3.63 dB

RF audio interference level = 38.80 dBV/m

Emission category: M4

MIF scaled E-field

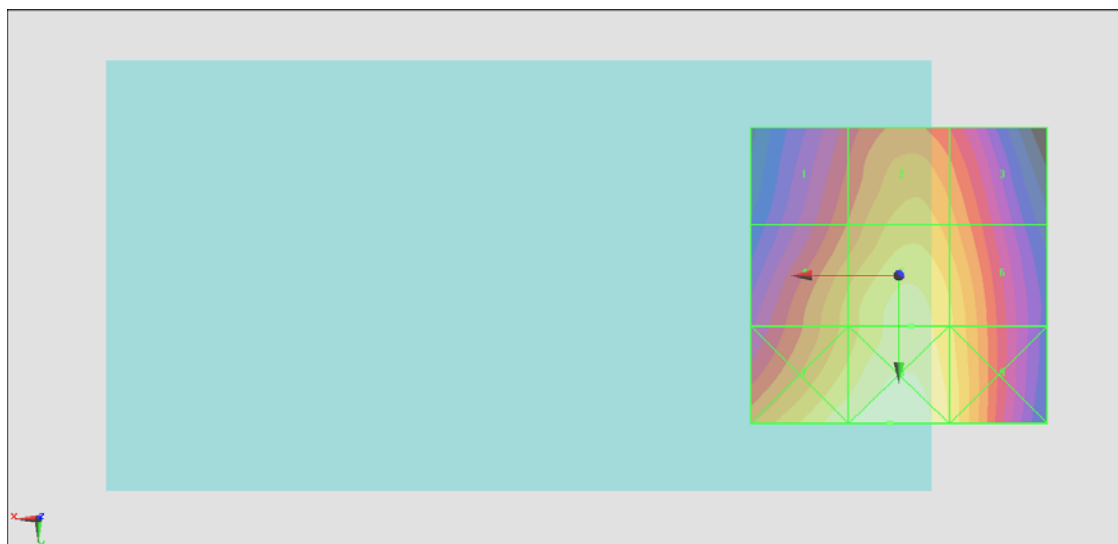
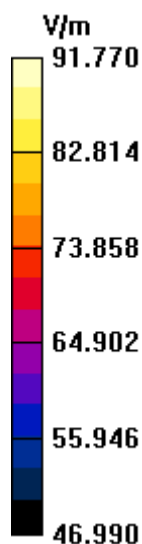
Grid 1 M4 37.42 dBV/m	Grid 2 M4 38.23 dBV/m	Grid 3 M4 37.89 dBV/m
Grid 4 M4 38.2 dBV/m	Grid 5 M4 38.8 dBV/m	Grid 6 M4 38.44 dBV/m
Grid 7 M4 38.99 dBV/m	Grid 8 M4 39.25 dBV/m	Grid 9 M4 38.63 dBV/m

Cursor:

Total = 39.25 dBV/m

E Category: M4

Location: 1.5, 25, 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 : 23.2 °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 = 70.66 V/m; Power Drift = 0.02 dB

Applied MIF = 3.63 dB

RF audio interference level = 38.74 dBV/m

Emission category: M4

MIF scaled E-field

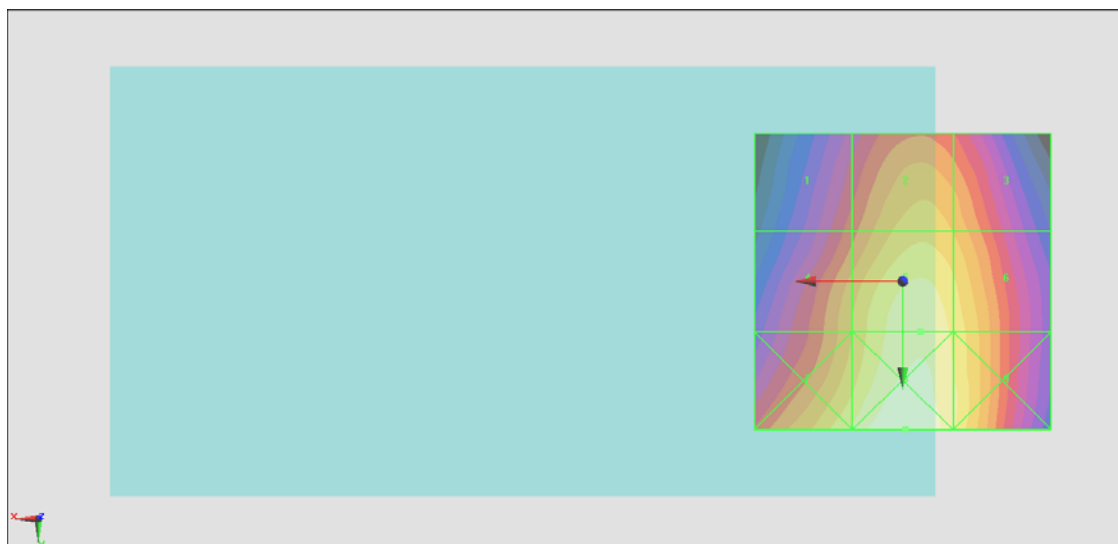
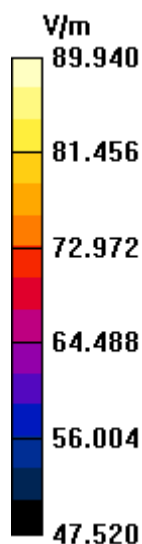
Grid 1 M4 37.15 dBV/m	Grid 2 M4 38.14 dBV/m	Grid 3 M4 37.9 dBV/m
Grid 4 M4 37.92 dBV/m	Grid 5 M4 38.74 dBV/m	Grid 6 M4 38.46 dBV/m
Grid 7 M4 38.59 dBV/m	Grid 8 M4 39.08 dBV/m	Grid 9 M4 38.6 dBV/m

Cursor:

Total = 39.08 dBV/m

E Category: M4

Location: -0.5, 25, 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 : 23.2 °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 = 9.809 V/m; Power Drift = -0.13 dB

Applied MIF = 3.63 dB

RF audio interference level = 25.55 dBV/m

Emission category: M4

MIF scaled E-field

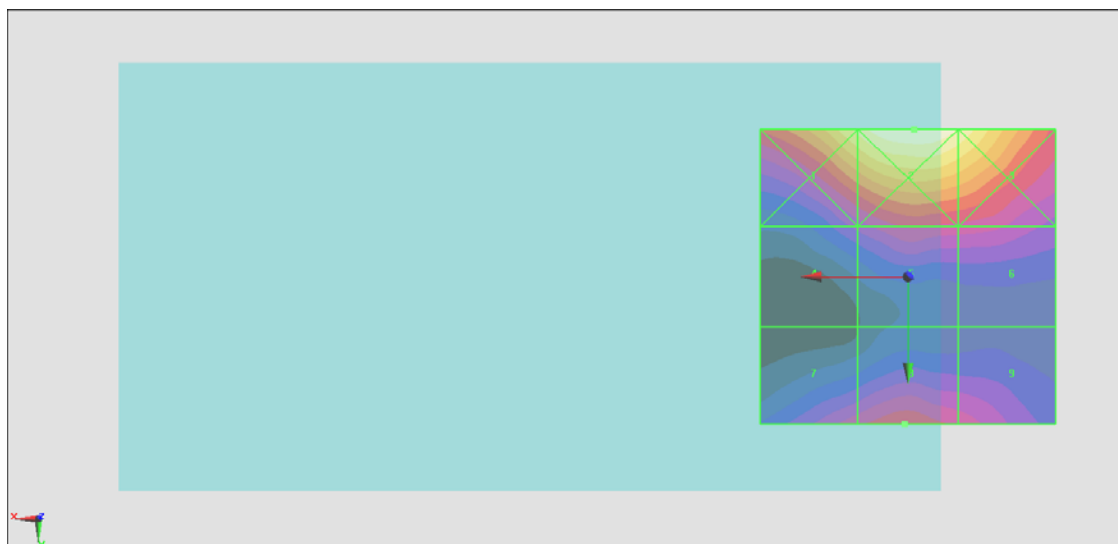
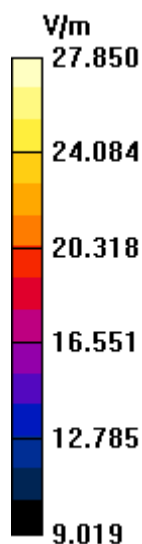
Grid 1 M4 28.24 dBV/m	Grid 2 M4 28.9 dBV/m	Grid 3 M4 28.46 dBV/m
Grid 4 M4 23.97 dBV/m	Grid 5 M4 25.1 dBV/m	Grid 6 M4 24.83 dBV/m
Grid 7 M4 24.9 dBV/m	Grid 8 M4 25.55 dBV/m	Grid 9 M4 24.88 dBV/m

Cursor:

Total = 28.90 dBV/m

E Category: M4

Location: -1, -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 : 23.2 °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 = 10.96 V/m; Power Drift = 0.17 dB

Applied MIF = 3.63 dB

RF audio interference level = 25.82 dBV/m

Emission category: M4

MIF scaled E-field

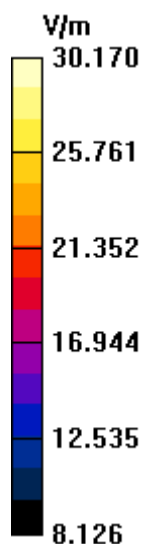
Grid 1 M4 29.39 dBV/m	Grid 2 M4 29.59 dBV/m	Grid 3 M4 28.56 dBV/m
Grid 4 M4 25.17 dBV/m	Grid 5 M4 25.82 dBV/m	Grid 6 M4 25.3 dBV/m
Grid 7 M4 24.91 dBV/m	Grid 8 M4 25.6 dBV/m	Grid 9 M4 25.19 dBV/m

Cursor:

Total = 29.59 dBV/m

E Category: M4

Location: 3.5, -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 : 23.2 °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 = 11.62 V/m; Power Drift = 0.14 dB

Applied MIF = 3.63 dB

RF audio interference level = 26.56 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 29.84 dBV/m	Grid 2 M3 30.13 dBV/m	Grid 3 M4 29.47 dBV/m
Grid 4 M4 25.64 dBV/m	Grid 5 M4 26.56 dBV/m	Grid 6 M4 26.46 dBV/m
Grid 7 M4 24.73 dBV/m	Grid 8 M4 25.59 dBV/m	Grid 9 M4 25.39 dBV/m

Cursor:

Total = 30.13 dBV/m

E Category: M3

Location: 1.5, -25, 8.7 mm

