

#01_HAC_E_GSM850_GSM Voice_Ch128

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 824.2 MHz; Duty Cycle: 1:8.3

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2017/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn853; Calibrated: 2016/7/11
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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 = 48.46 V/m; Power Drift = -0.04 dB

Applied MIF = 3.63 dB

RF audio interference level = 35.84 dBV/m

Emission category: M4

MIF scaled E-field

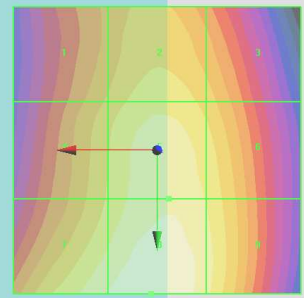
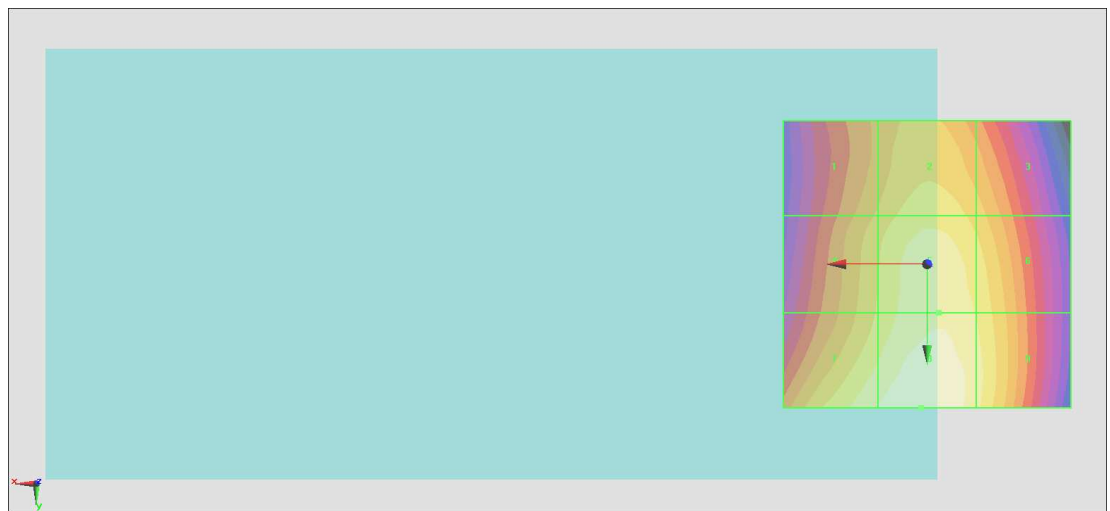
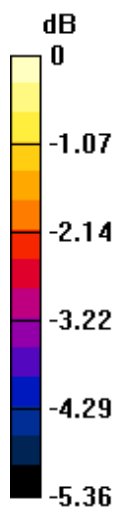
Grid 1 M4 34.49 dBV/m	Grid 2 M4 35.01 dBV/m	Grid 3 M4 34.63 dBV/m
Grid 4 M4 34.83 dBV/m	Grid 5 M4 35.43 dBV/m	Grid 6 M4 35.11 dBV/m
Grid 7 M4 35.51 dBV/m	Grid 8 M4 35.84 dBV/m	Grid 9 M4 35.29 dBV/m

Cursor:

Total = 35.84 dBV/m

E Category: M4

Location: 1, 25, 8.7 mm



0 dB = 61.96 V/m = 35.84 dBV/m

#02_HAC_E_GSM850_GSM Voice_Ch189

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 836.6 MHz; Duty Cycle: 1:8.3

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: 2017/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn853; Calibrated: 2016/7/11
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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 = 50.77 V/m; Power Drift = 0.05 dB

Applied MIF = 3.63 dB

RF audio interference level = 36.42 dBV/m

Emission category: M4

MIF scaled E-field

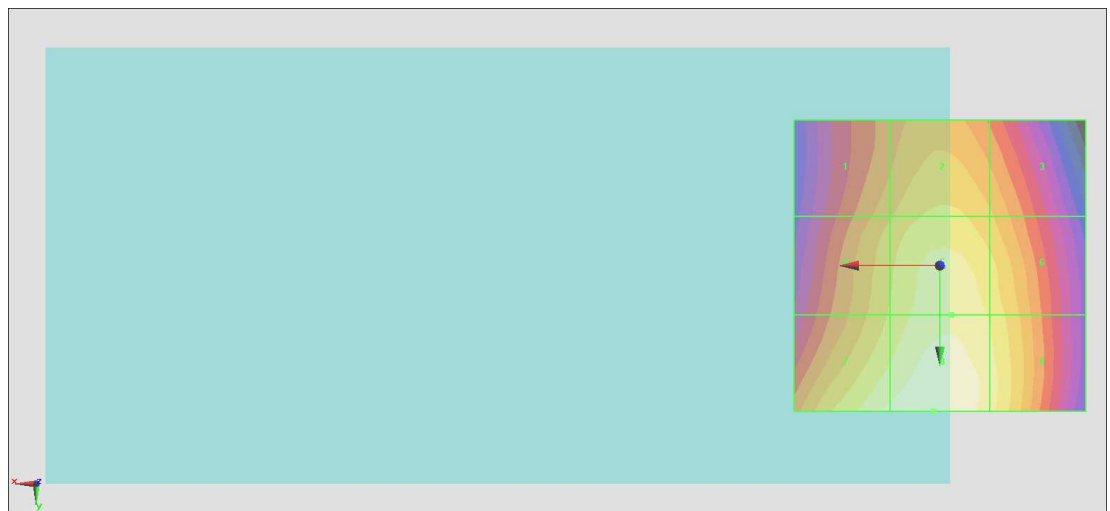
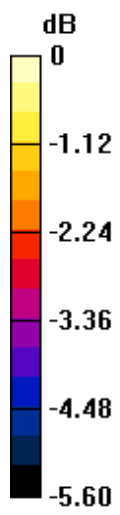
Grid 1 M4 34.89 dBV/m	Grid 2 M4 35.41 dBV/m	Grid 3 M4 35.01 dBV/m
Grid 4 M4 35.36 dBV/m	Grid 5 M4 35.96 dBV/m	Grid 6 M4 35.64 dBV/m
Grid 7 M4 36.15 dBV/m	Grid 8 M4 36.42 dBV/m	Grid 9 M4 35.88 dBV/m

Cursor:

Total = 36.42 dBV/m

E Category: M4

Location: 1, 25, 8.7 mm



0 dB = 66.26 V/m = 36.43 dBV/m

#03_HAC_E_GSM850_GSM Voice_Ch251

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 848.6 MHz; Duty Cycle: 1:8.3

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: 2017/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn853; Calibrated: 2016/7/11
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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 = 52.84 V/m; Power Drift = -0.01 dB

Applied MIF = 3.63 dB

RF audio interference level = 36.61 dBV/m

Emission category: M4

MIF scaled E-field

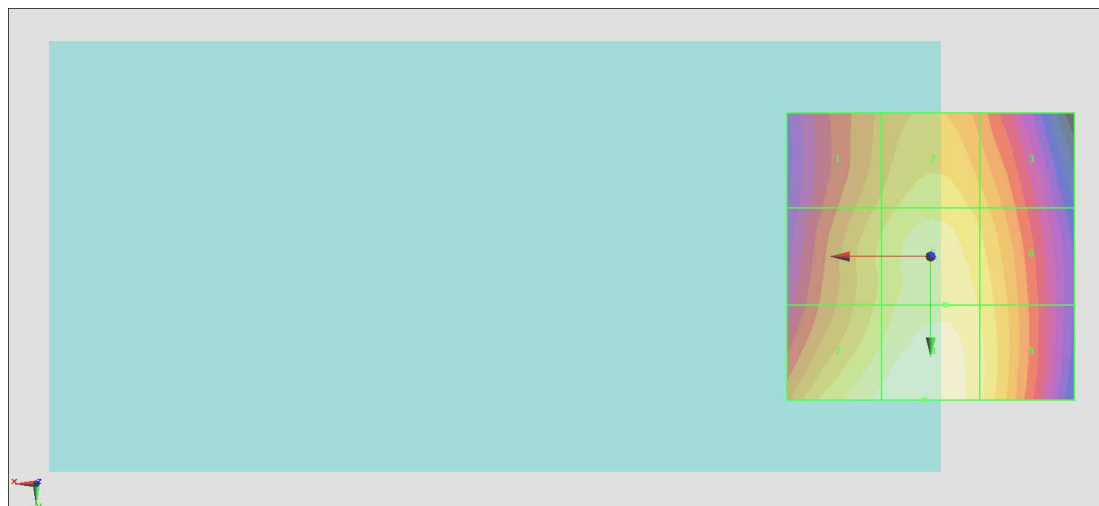
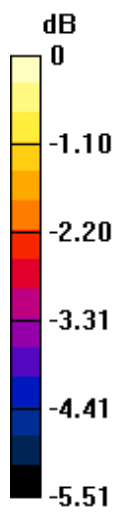
Grid 1 M4 35.27 dBV/m	Grid 2 M4 35.76 dBV/m	Grid 3 M4 35.34 dBV/m
Grid 4 M4 35.64 dBV/m	Grid 5 M4 36.18 dBV/m	Grid 6 M4 35.83 dBV/m
Grid 7 M4 36.36 dBV/m	Grid 8 M4 36.61 dBV/m	Grid 9 M4 36.01 dBV/m

Cursor:

Total = 36.61 dBV/m

E Category: M4

Location: 1, 25, 8.7 mm



0 dB = 67.67 V/m = 36.61 dBV/m

#04_HAC_E_GSM1900_GSM Voice_Ch512

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2017/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn853; Calibrated: 2016/7/11
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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 = 5.872 V/m; Power Drift = -0.09 dB

Applied MIF = 3.63 dB

RF audio interference level = 28.40 dBV/m

Emission category: M4

MIF scaled E-field

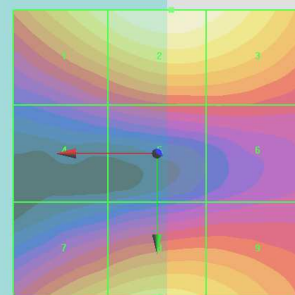
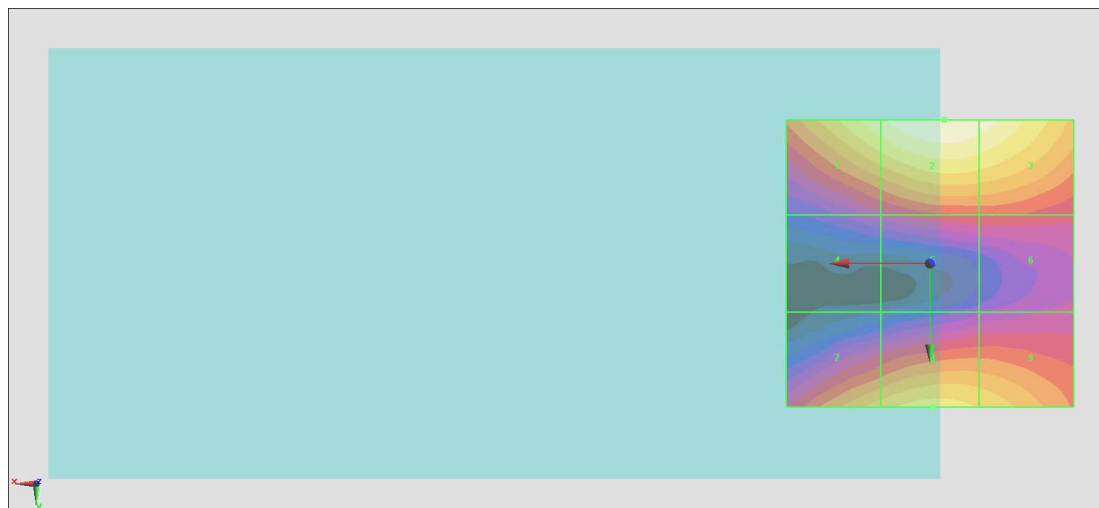
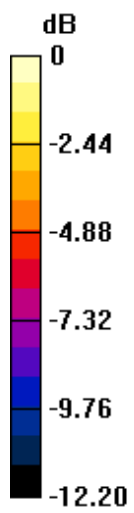
Grid 1 M4 27.45 dBV/m	Grid 2 M4 28.4 dBV/m	Grid 3 M4 28.06 dBV/m
Grid 4 M4 21.53 dBV/m	Grid 5 M4 22.81 dBV/m	Grid 6 M4 22.84 dBV/m
Grid 7 M4 25.66 dBV/m	Grid 8 M4 26.4 dBV/m	Grid 9 M4 25.94 dBV/m

Cursor:

Total = 28.40 dBV/m

E Category: M4

Location: -2.5, -25, 8.7 mm



0 dB = 26.31 V/m = 28.40 dBV/m

#05_HAC_E_GSM1900_GSM Voice_Ch661

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2017/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn853; Calibrated: 2016/7/11
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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 = 6.899 V/m; Power Drift = 0.09 dB

Applied MIF = 3.63 dB

RF audio interference level = 29.08 dBV/m

Emission category: M4

MIF scaled E-field

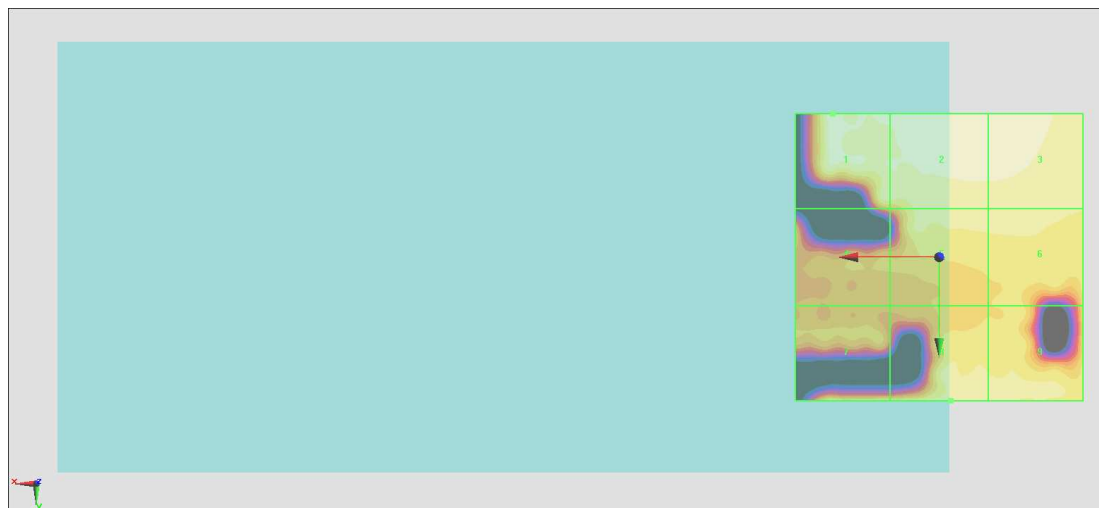
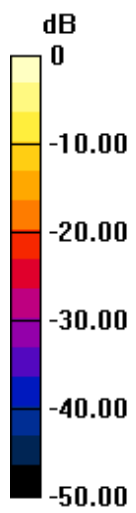
Grid 1 M4 29.08 dBV/m	Grid 2 M4 28.29 dBV/m	Grid 3 M4 28.1 dBV/m
Grid 4 M4 17.15 dBV/m	Grid 5 M4 24.34 dBV/m	Grid 6 M4 24.19 dBV/m
Grid 7 M4 24.57 dBV/m	Grid 8 M4 24.65 dBV/m	Grid 9 M4 23.62 dBV/m

Cursor:

Total = 29.08 dBV/m

E Category: M4

Location: 18.5, -25, 8.7 mm



0 dB = 28.44 V/m = 29.08 dBV/m

#06_HAC_E_GSM1900_GSM Voice_Ch810

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2017/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn853; Calibrated: 2016/7/11
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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 = 7.878 V/m; Power Drift = -0.08 dB

Applied MIF = 3.63 dB

RF audio interference level = 28.07 dBV/m

Emission category: M4

MIF scaled E-field

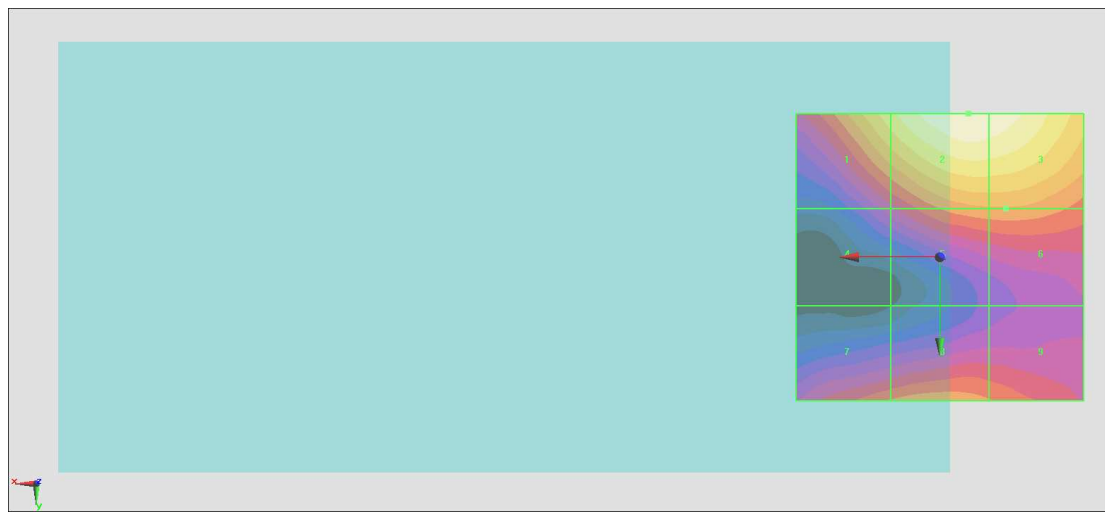
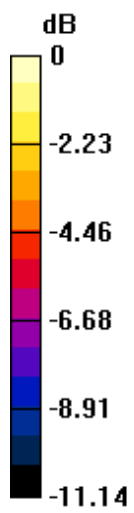
Grid 1 M4 26.38 dBV/m	Grid 2 M4 28.07 dBV/m	Grid 3 M4 27.92 dBV/m
Grid 4 M4 21.93 dBV/m	Grid 5 M4 24.26 dBV/m	Grid 6 M4 24.29 dBV/m
Grid 7 M4 23.74 dBV/m	Grid 8 M4 24.12 dBV/m	Grid 9 M4 23.71 dBV/m

Cursor:

Total = 28.07 dBV/m

E Category: M4

Location: -5, -25, 8.7 mm



0 dB = 25.33 V/m = 28.07 dBV/m