

#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, $\epsilon_r = 1$; $\rho = 0$ kg/m³

Ambient Temperature : 23.4 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

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 = 46.63 V/m; Power Drift = 0.06 dB

Applied MIF = 3.63 dB

RF audio interference level = 35.96 dBV/m

Emission category: M4

MIF scaled E-field

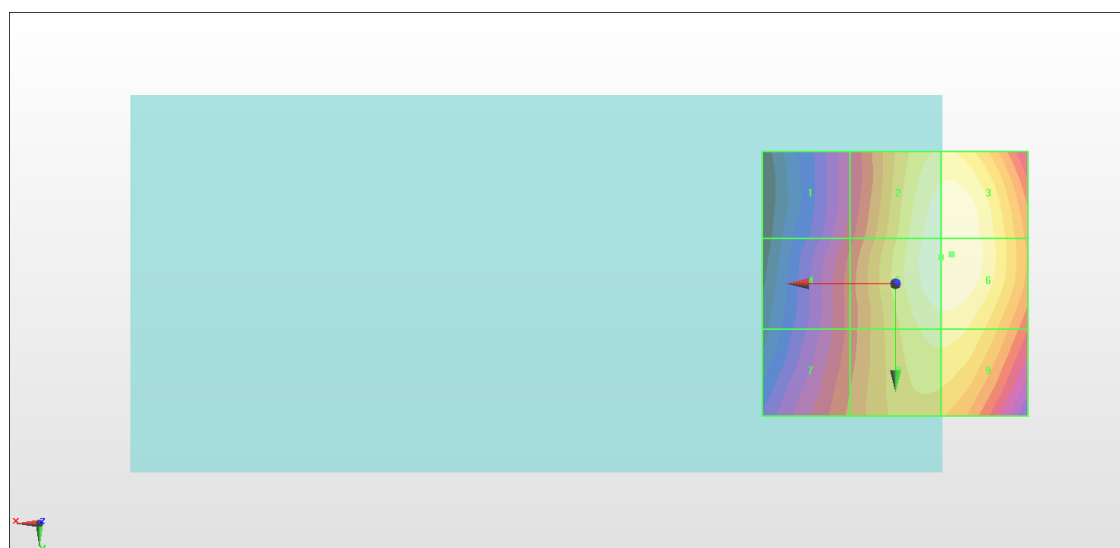
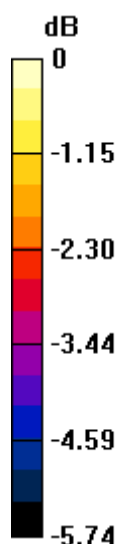
Grid 1 M4 33.19 dBV/m	Grid 2 M4 35.86 dBV/m	Grid 3 M4 35.91 dBV/m
Grid 4 M4 33.51 dBV/m	Grid 5 M4 35.91 dBV/m	Grid 6 M4 35.96 dBV/m
Grid 7 M4 33.77 dBV/m	Grid 8 M4 35.38 dBV/m	Grid 9 M4 35.39 dBV/m

Cursor:

Total = 35.96 dBV/m

E Category: M4

Location: -10.5, -5.5, 8.7 mm



0 dB = 62.80 V/m = 35.96 dBV/m

#02_HAC_E_GSM850_GSM Voice_Ch189

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 836.4 MHz; Duty Cycle: 1:8.6896

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

Ambient Temperature : 23.4 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

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 = 50.38 V/m; Power Drift = -0.02 dB

Applied MIF = 3.63 dB

RF audio interference level = 36.70 dBV/m

Emission category: M4

MIF scaled E-field

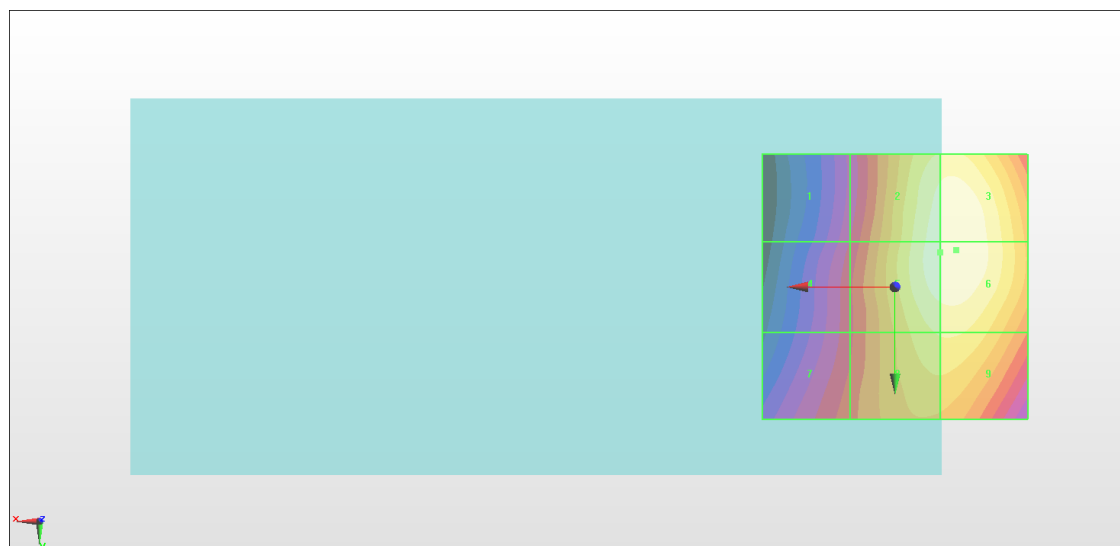
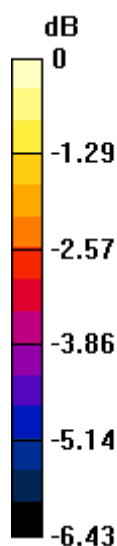
Grid 1 M4 33.3 dBV/m	Grid 2 M4 36.58 dBV/m	Grid 3 M4 36.69 dBV/m
Grid 4 M4 33.63 dBV/m	Grid 5 M4 36.59 dBV/m	Grid 6 M4 36.7 dBV/m
Grid 7 M4 34 dBV/m	Grid 8 M4 35.9 dBV/m	Grid 9 M4 35.92 dBV/m

Cursor:

Total = 36.70 dBV/m

E Category: M4

Location: -11.5, -7, 8.7 mm



0 dB = 68.40 V/m = 36.70 dBV/m

#03_HAC_E_GSM850_GSM Voice_Ch251

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 848.8 MHz; Duty Cycle: 1:8.6896

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

Ambient Temperature : 23.4 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

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 = 54.89 V/m; Power Drift = 0.01 dB

Applied MIF = 3.63 dB

RF audio interference level = 37.04 dBV/m

Emission category: M4

MIF scaled E-field

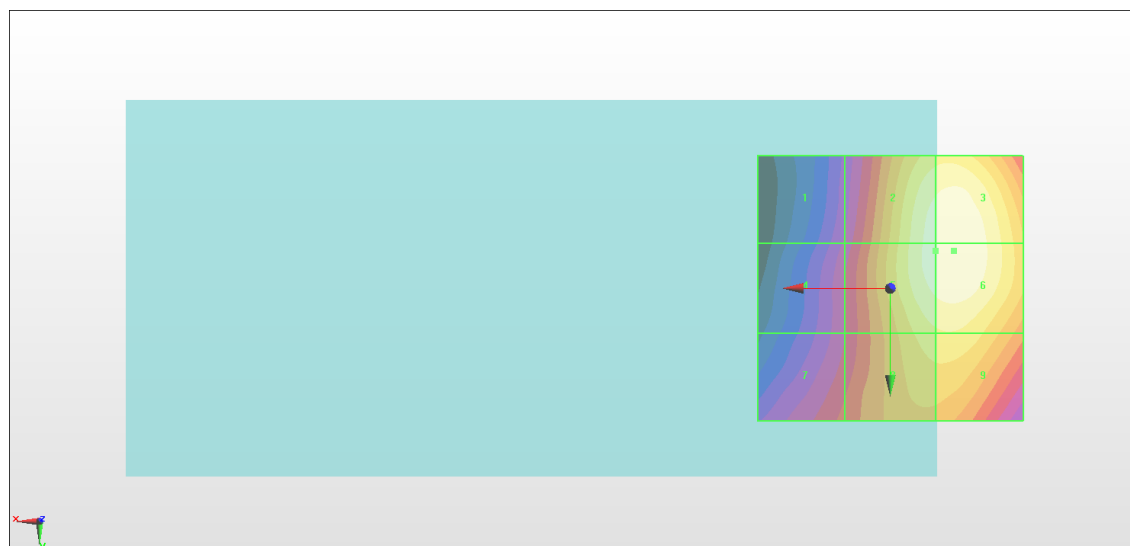
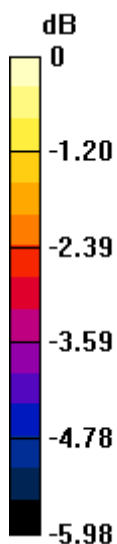
Grid 1 M4 33.58 dBV/m	Grid 2 M4 36.89 dBV/m	Grid 3 M4 37.03 dBV/m
Grid 4 M4 33.89 dBV/m	Grid 5 M4 36.9 dBV/m	Grid 6 M4 37.04 dBV/m
Grid 7 M4 34.4 dBV/m	Grid 8 M4 36.16 dBV/m	Grid 9 M4 36.21 dBV/m

Cursor:

Total = 37.04 dBV/m

E Category: M4

Location: -12, -7, 8.7 mm



0 dB = 71.08 V/m = 37.03 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, $\epsilon_r = 1$; $\rho = 0$ kg/m³

Ambient Temperature : 23.4 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

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 = 16.74 V/m; Power Drift = 0.05 dB

Applied MIF = 3.63 dB

RF audio interference level = 33.54 dBV/m

Emission category: M3

MIF scaled E-field

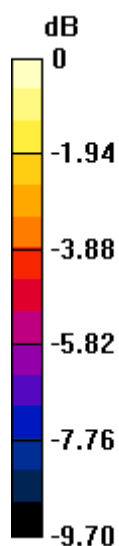
Grid 1 M3 31.41 dBV/m	Grid 2 M3 31.3 dBV/m	Grid 3 M3 30.56 dBV/m
Grid 4 M4 27.29 dBV/m	Grid 5 M3 30.6 dBV/m	Grid 6 M3 30.82 dBV/m
Grid 7 M3 30.38 dBV/m	Grid 8 M3 33.53 dBV/m	Grid 9 M3 33.54 dBV/m

Cursor:

Total = 33.54 dBV/m

E Category: M3

Location: -9.5, 25, 8.7 mm



0 dB = 47.51 V/m = 33.54 dBV/m

#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, $\epsilon_r = 1$; $\rho = 0$ kg/m³

Ambient Temperature : 23.4 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

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 = 16.23 V/m; Power Drift = 0.02 dB

Applied MIF = 3.63 dB

RF audio interference level = 33.13 dBV/m

Emission category: M3

MIF scaled E-field

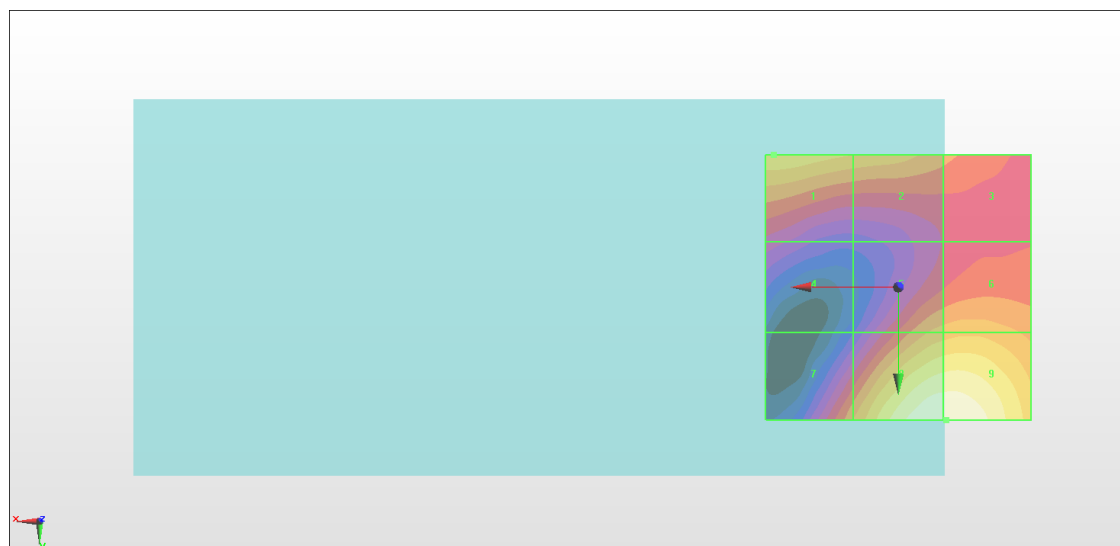
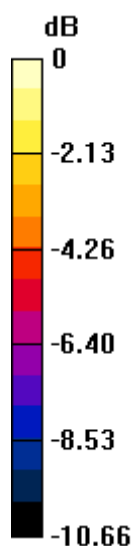
Grid 1 M3 31.04 dBV/m	Grid 2 M3 30.32 dBV/m	Grid 3 M4 29.14 dBV/m
Grid 4 M4 27.23 dBV/m	Grid 5 M4 29.93 dBV/m	Grid 6 M3 30.14 dBV/m
Grid 7 M4 29.61 dBV/m	Grid 8 M3 33.12 dBV/m	Grid 9 M3 33.13 dBV/m

Cursor:

Total = 33.13 dBV/m

E Category: M3

Location: -9, 25, 8.7 mm



0 dB = 45.32 V/m = 33.13 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, $\epsilon_r = 1$; $\rho = 0$ kg/m³

Ambient Temperature : 23.4 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

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 = 16.17 V/m; Power Drift = -0.04 dB

Applied MIF = 3.63 dB

RF audio interference level = 32.56 dBV/m

Emission category: M3

MIF scaled E-field

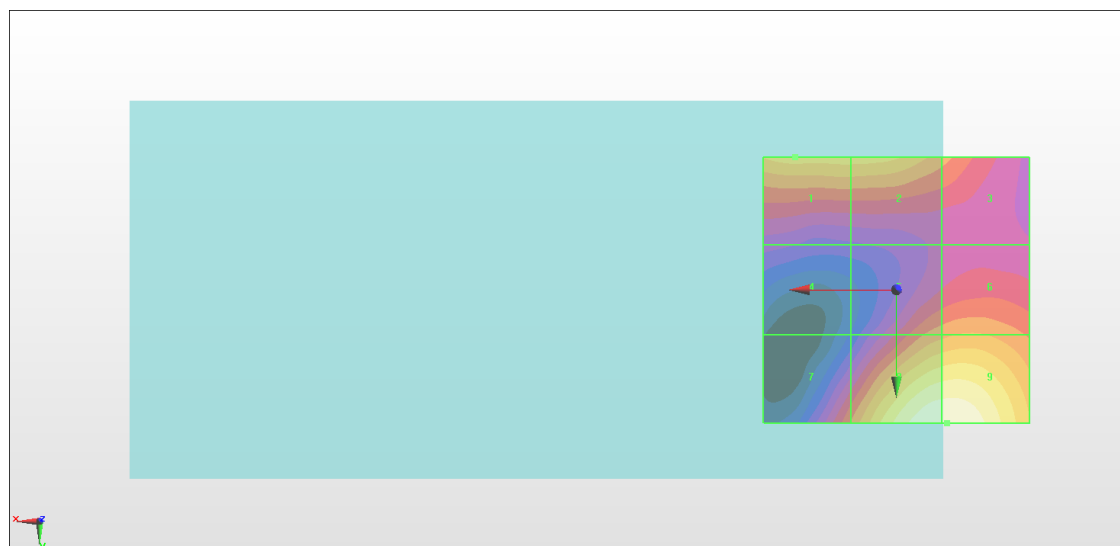
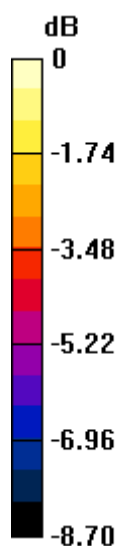
Grid 1 M3 30.61 dBV/m	Grid 2 M3 30.59 dBV/m	Grid 3 M4 29.38 dBV/m
Grid 4 M4 27.06 dBV/m	Grid 5 M4 29.5 dBV/m	Grid 6 M4 29.75 dBV/m
Grid 7 M4 29.18 dBV/m	Grid 8 M3 32.55 dBV/m	Grid 9 M3 32.56 dBV/m

Cursor:

Total = 32.56 dBV/m

E Category: M3

Location: -9.5, 25, 8.7 mm



0 dB = 42.44 V/m = 32.56 dBV/m