

#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 : 23.3 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1326; Calibrated: 2018/9/18
- 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 = 38.69 V/m; Power Drift = 0.17 dB

Applied MIF = 3.63 dB

RF audio interference level = 34.05 dBV/m

Emission category: M4

MIF scaled E-field

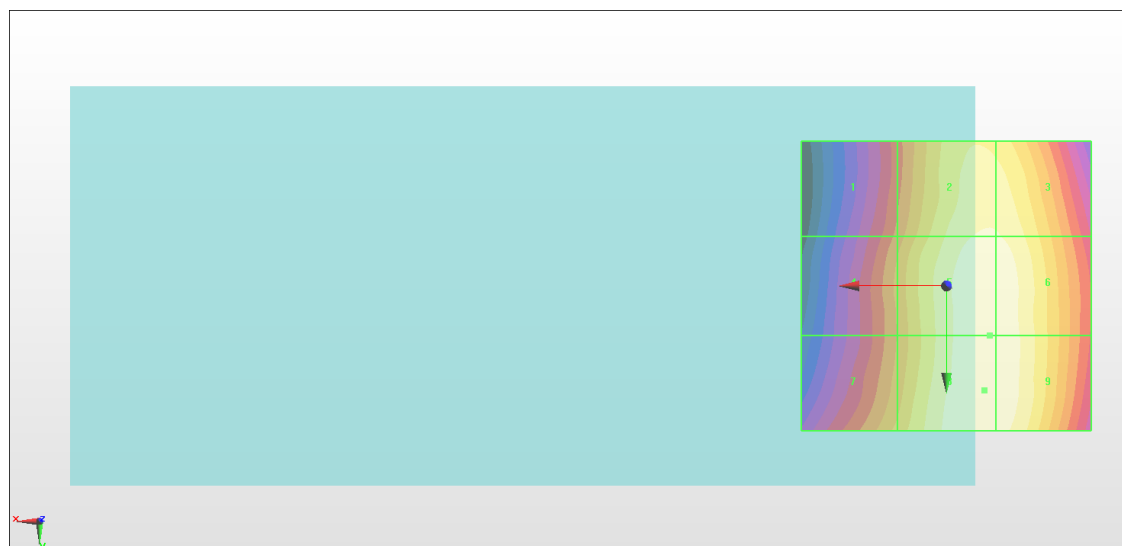
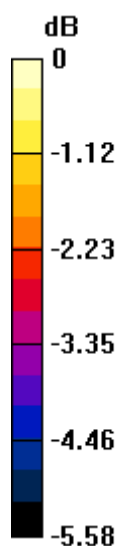
Grid 1 M4 31.97 dBV/m	Grid 2 M4 33.75 dBV/m	Grid 3 M4 33.73 dBV/m
Grid 4 M4 32.32 dBV/m	Grid 5 M4 34.03 dBV/m	Grid 6 M4 34.02 dBV/m
Grid 7 M4 32.69 dBV/m	Grid 8 M4 34.05 dBV/m	Grid 9 M4 34.04 dBV/m

Cursor:

Total = 34.05 dBV/m

E Category: M4

Location: -6.5, 18, 8.7 mm



0 dB = 50.43 V/m = 34.05 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 : 23.3 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1326; Calibrated: 2018/9/18
- 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 = 40.31 V/m; Power Drift = -0.01 dB

Applied MIF = 3.63 dB

RF audio interference level = 34.20 dBV/m

Emission category: M4

MIF scaled E-field

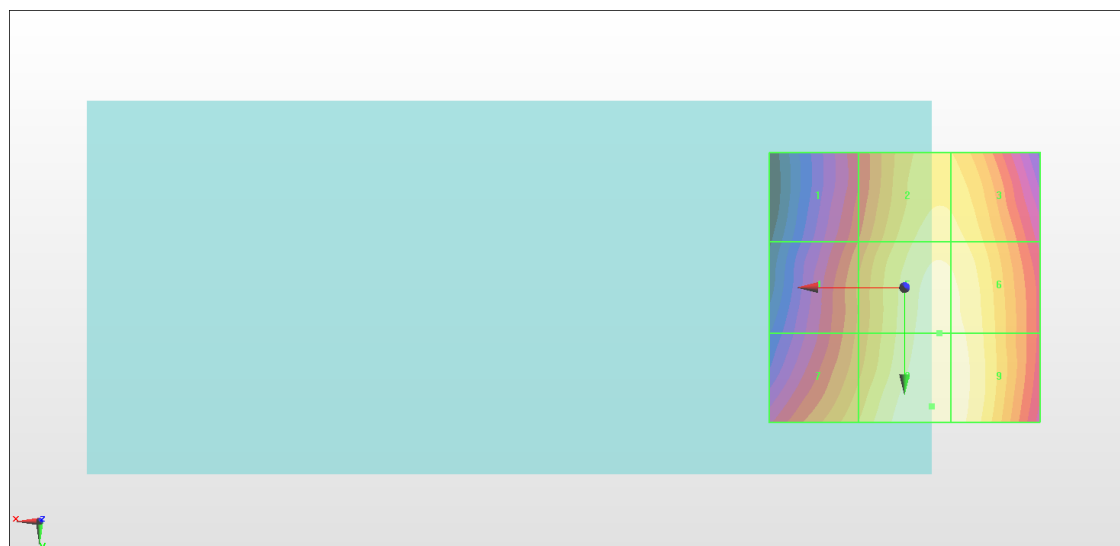
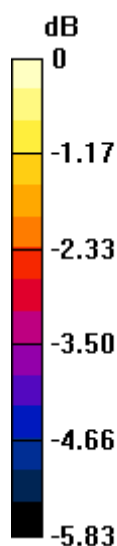
Grid 1 M4 31.89 dBV/m	Grid 2 M4 33.67 dBV/m	Grid 3 M4 33.63 dBV/m
Grid 4 M4 32.36 dBV/m	Grid 5 M4 34.03 dBV/m	Grid 6 M4 33.99 dBV/m
Grid 7 M4 33.06 dBV/m	Grid 8 M4 34.2 dBV/m	Grid 9 M4 34.1 dBV/m

Cursor:

Total = 34.20 dBV/m

E Category: M4

Location: -5, 22, 8.7 mm



0 dB = 51.29 V/m = 34.20 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 : 23.3 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1326; Calibrated: 2018/9/18
- 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 = 30.74 V/m; Power Drift = 0.04 dB

Applied MIF = 3.63 dB

RF audio interference level = 32.16 dBV/m

Emission category: M4

MIF scaled E-field

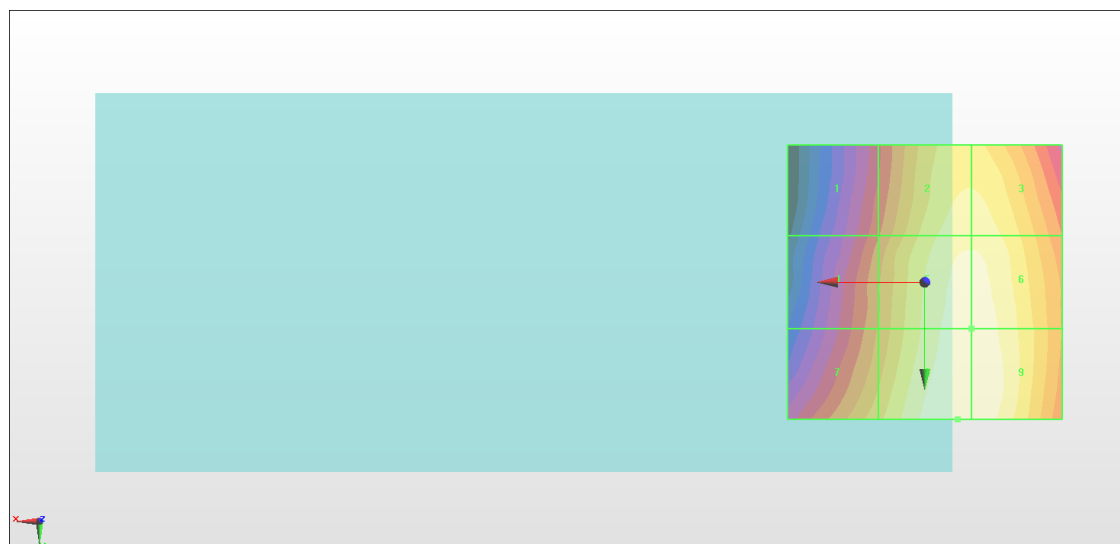
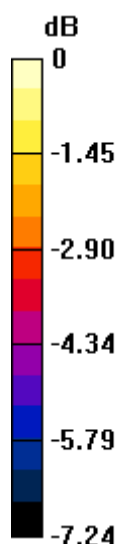
Grid 1 M4 29.23 dBV/m	Grid 2 M4 31.53 dBV/m	Grid 3 M4 31.52 dBV/m
Grid 4 M4 29.79 dBV/m	Grid 5 M4 32 dBV/m	Grid 6 M4 32 dBV/m
Grid 7 M4 30.59 dBV/m	Grid 8 M4 32.16 dBV/m	Grid 9 M4 32.13 dBV/m

Cursor:

Total = 32.16 dBV/m

E Category: M4

Location: -6, 25, 8.7 mm



0 dB = 40.57 V/m = 32.16 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 : 23.3 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1326; Calibrated: 2018/9/18
- 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 = 6.139 V/m; Power Drift = 0.12 dB

Applied MIF = 3.63 dB

RF audio interference level = 23.02 dBV/m

Emission category: M4

MIF scaled E-field

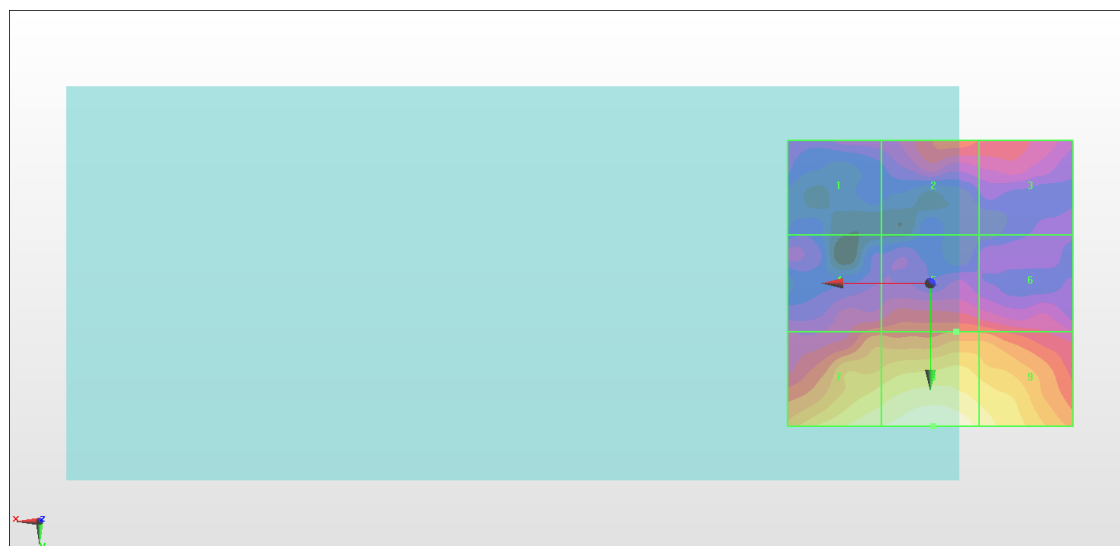
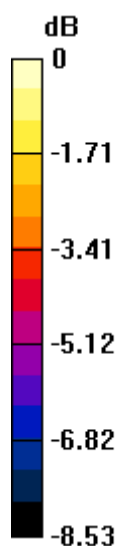
Grid 1 M4 17.95 dBV/m	Grid 2 M4 19.43 dBV/m	Grid 3 M4 19.02 dBV/m
Grid 4 M4 19.38 dBV/m	Grid 5 M4 19.66 dBV/m	Grid 6 M4 19.55 dBV/m
Grid 7 M4 22.47 dBV/m	Grid 8 M4 23.02 dBV/m	Grid 9 M4 22.27 dBV/m

Cursor:

Total = 23.02 dBV/m

E Category: M4

Location: -0.5, 25, 8.7 mm



0 dB = 14.15 V/m = 23.02 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 : 23.3 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1326; Calibrated: 2018/9/18
- 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 = 5.653 V/m; Power Drift = 0.17 dB

Applied MIF = 3.63 dB

RF audio interference level = 22.78 dBV/m

Emission category: M4

MIF scaled E-field

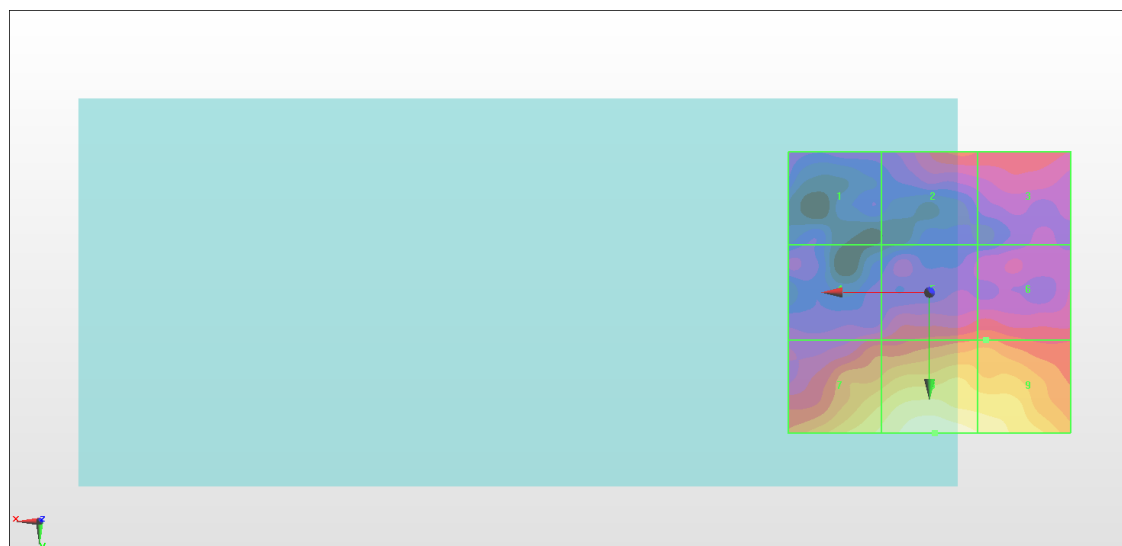
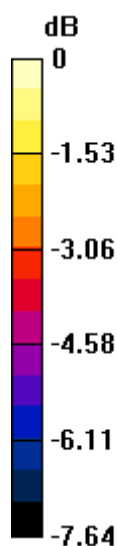
Grid 1 M4 17.86 dBV/m	Grid 2 M4 19.43 dBV/m	Grid 3 M4 19.25 dBV/m
Grid 4 M4 18.9 dBV/m	Grid 5 M4 19.81 dBV/m	Grid 6 M4 19.86 dBV/m
Grid 7 M4 21.92 dBV/m	Grid 8 M4 22.78 dBV/m	Grid 9 M4 22.3 dBV/m

Cursor:

Total = 22.78 dBV/m

E Category: M4

Location: -1, 25, 8.7 mm



0 dB = 13.77 V/m = 22.78 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 : 23.3 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1326; Calibrated: 2018/9/18
- 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 = 5.134 V/m; Power Drift = 0.17 dB

Applied MIF = 3.63 dB

RF audio interference level = 24.08 dBV/m

Emission category: M4

MIF scaled E-field

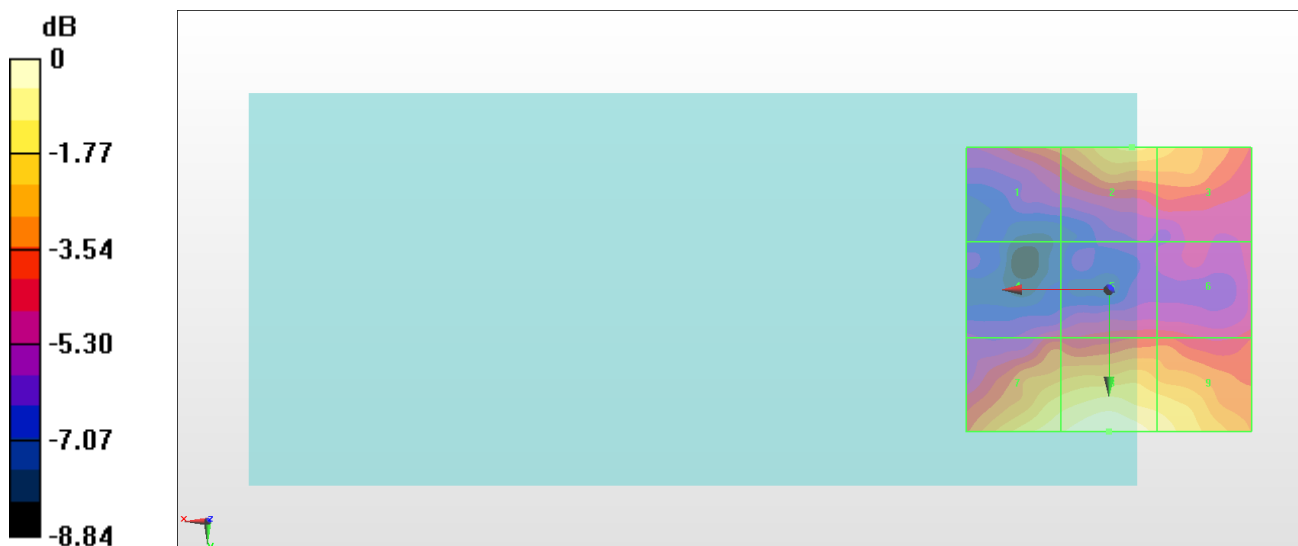
Grid 1 M4 20.92 dBV/m	Grid 2 M4 22.46 dBV/m	Grid 3 M4 22.1 dBV/m
Grid 4 M4 19.63 dBV/m	Grid 5 M4 20.05 dBV/m	Grid 6 M4 20.07 dBV/m
Grid 7 M4 23.44 dBV/m	Grid 8 M4 24.08 dBV/m	Grid 9 M4 23.31 dBV/m

Cursor:

Total = 24.08 dBV/m

E Category: M4

Location: 0, 25, 8.7 mm



0 dB = 15.99 V/m = 24.08 dBV/m