

#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: $\sigma = 0 \text{ S/m}$, $\epsilon_r = 1$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.4 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2017/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2016/9/28
- 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)

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 = 18.50 V/m; Power Drift = 0.03 dB

Applied MIF = 3.63 dB

RF audio interference level = 27.57 dBV/m

Emission category: M4

MIF scaled E-field

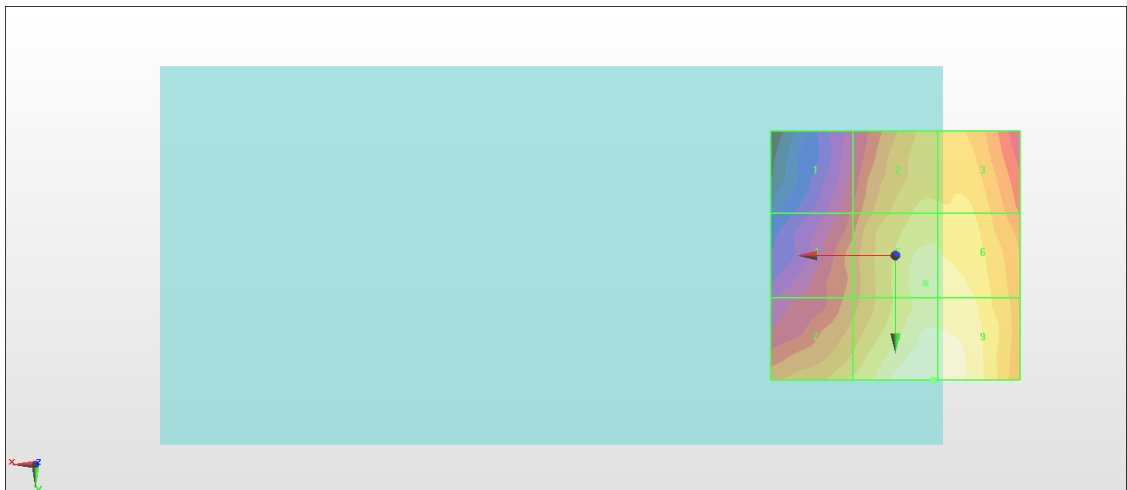
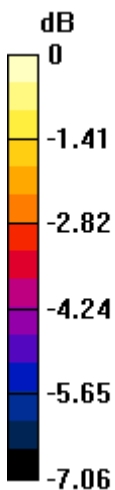
Grid 1 M4 24.4 dBV/m	Grid 2 M4 26.32 dBV/m	Grid 3 M4 26.33 dBV/m
Grid 4 M4 25.05 dBV/m	Grid 5 M4 26.95 dBV/m	Grid 6 M4 26.92 dBV/m
Grid 7 M4 26.29 dBV/m	Grid 8 M4 27.57 dBV/m	Grid 9 M4 27.56 dBV/m

Cursor:

Total = 27.57 dBV/m

E Category: M4

Location: -7.5, 25, 8.7 mm



0 dB = 23.92 V/m = 27.58 dBV/m

#02_HAC_E_GSM850_GSM Voice_Ch189

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 836.4 MHz; Duty Cycle: 1:8.3

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

Ambient Temperature : 23.4 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2017/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2016/9/28
- 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)

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 = 19.68 V/m; Power Drift = -0.03 dB

Applied MIF = 3.63 dB

RF audio interference level = 28.43 dBV/m

Emission category: M4

MIF scaled E-field

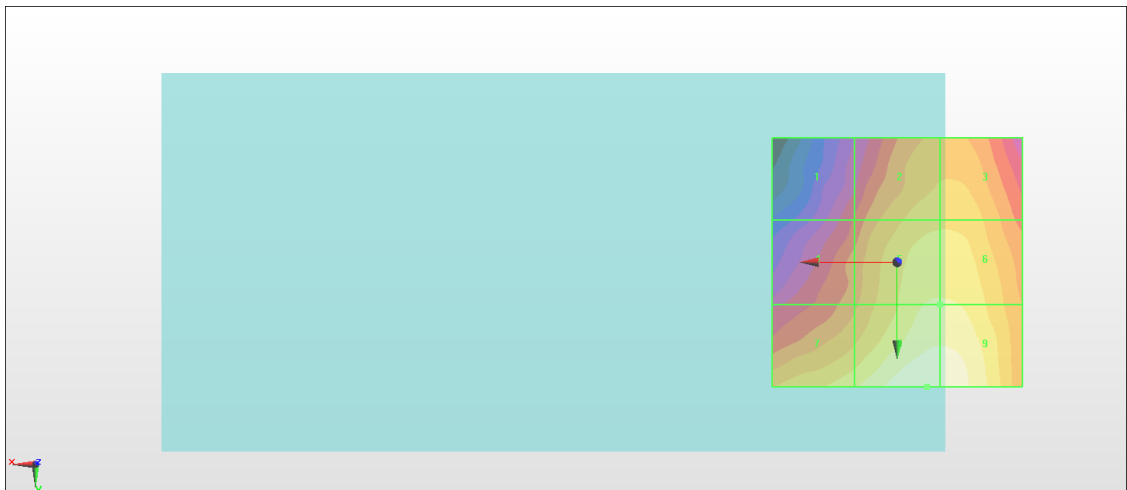
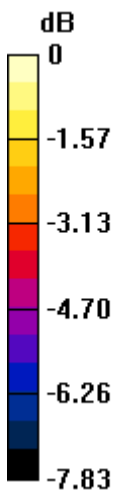
Grid 1 M4 24.88 dBV/m	Grid 2 M4 26.7 dBV/m	Grid 3 M4 26.7 dBV/m
Grid 4 M4 25.74 dBV/m	Grid 5 M4 27.49 dBV/m	Grid 6 M4 27.49 dBV/m
Grid 7 M4 27.37 dBV/m	Grid 8 M4 28.43 dBV/m	Grid 9 M4 28.37 dBV/m

Cursor:

Total = 28.43 dBV/m

E Category: M4

Location: -6, 25, 8.7 mm



0 dB = 26.40 V/m = 28.43 dBV/m

#03_HAC_E_GSM850_GSM Voice_Ch251

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 848.8 MHz; Duty Cycle: 1:8.3

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

Ambient Temperature : 23.4 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2017/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2016/9/28
- 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)

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 = 15.86 V/m; Power Drift = -0.07 dB

Applied MIF = 3.63 dB

RF audio interference level = 26.34 dBV/m

Emission category: M4

MIF scaled E-field

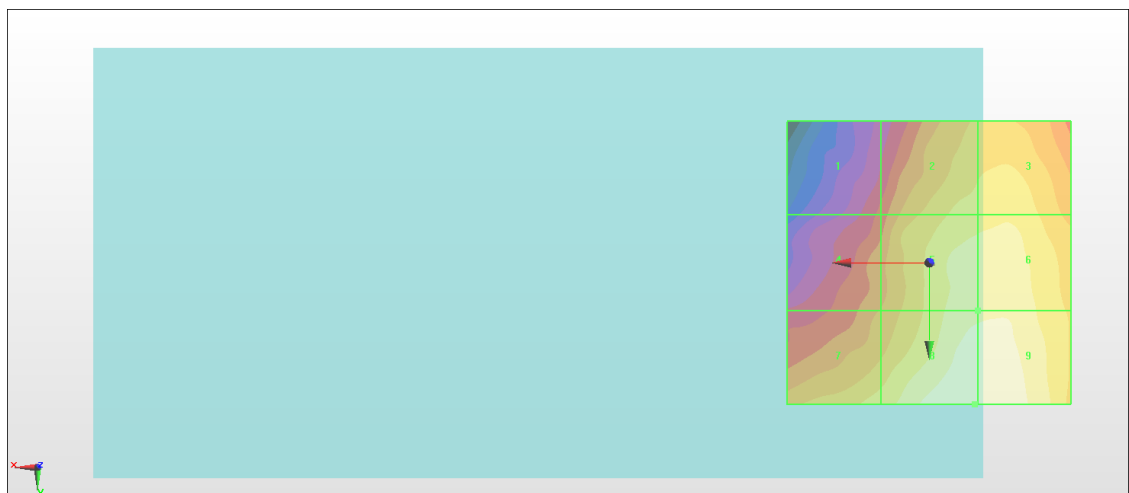
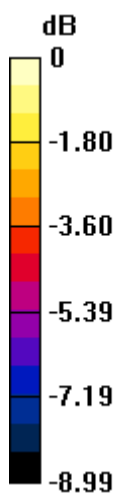
Grid 1 M4 22.4 dBV/m	Grid 2 M4 24.85 dBV/m	Grid 3 M4 25.07 dBV/m
Grid 4 M4 23.42 dBV/m	Grid 5 M4 25.63 dBV/m	Grid 6 M4 25.68 dBV/m
Grid 7 M4 24.94 dBV/m	Grid 8 M4 26.34 dBV/m	Grid 9 M4 26.34 dBV/m

Cursor:

Total = 26.34 dBV/m

E Category: M4

Location: -8, 25, 8.7 mm



0 dB = 20.75 V/m = 26.34 dBV/m

#04_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: $\sigma = 0 \text{ S/m}$, $\epsilon_r = 1$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.5 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2017/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2017/5/22
- 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)

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 = 96.47 V/m; Power Drift = -0.06 dB

Applied MIF = 3.63 dB

RF audio interference level = 44.37 dBV/m

Emission category: M3

MIF scaled E-field

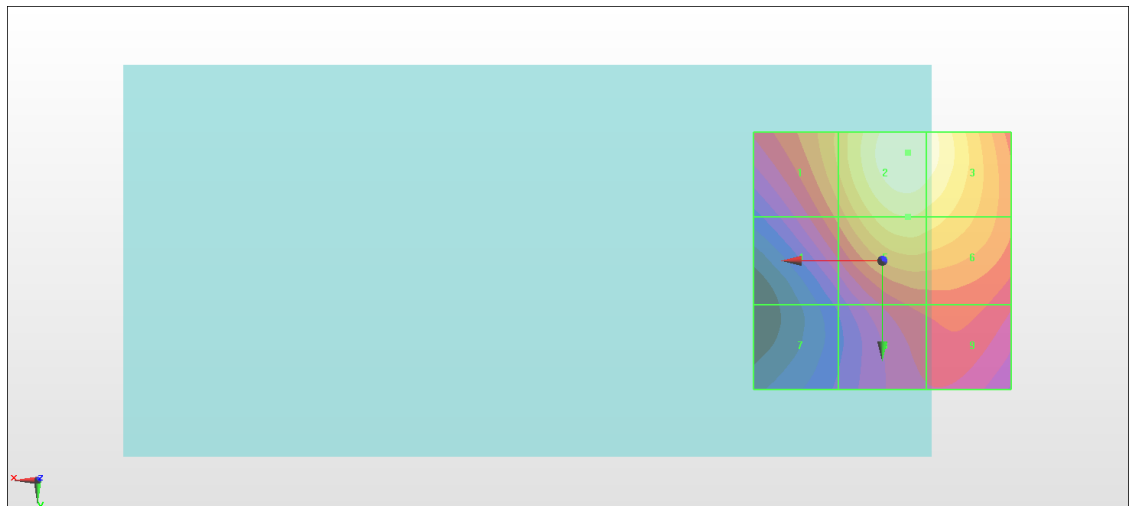
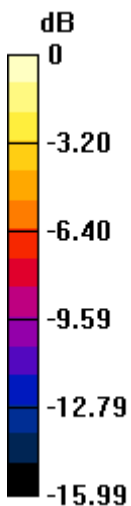
Grid 1 M3 40.46 dBV/m	Grid 2 M3 44.37 dBV/m	Grid 3 M3 43.97 dBV/m
Grid 4 M4 38.38 dBV/m	Grid 5 M3 42.21 dBV/m	Grid 6 M3 41.87 dBV/m
Grid 7 M4 33.05 dBV/m	Grid 8 M4 37.32 dBV/m	Grid 9 M4 37.55 dBV/m

Cursor:

Total = 44.37 dBV/m

E Category: M3

Location: -5, -21, 8.7 mm



0 dB = 165.4 V/m = 44.37 dBV/m

#05_HAC_E_GSM850_GSM Voice_Ch189

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 836.4 MHz; Duty Cycle: 1:8.3

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

Ambient Temperature : 23.5 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2017/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2017/5/22
- 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)

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 = 96.26 V/m; Power Drift = -0.05 dB

Applied MIF = 3.63 dB

RF audio interference level = 44.41 dBV/m

Emission category: M3

MIF scaled E-field

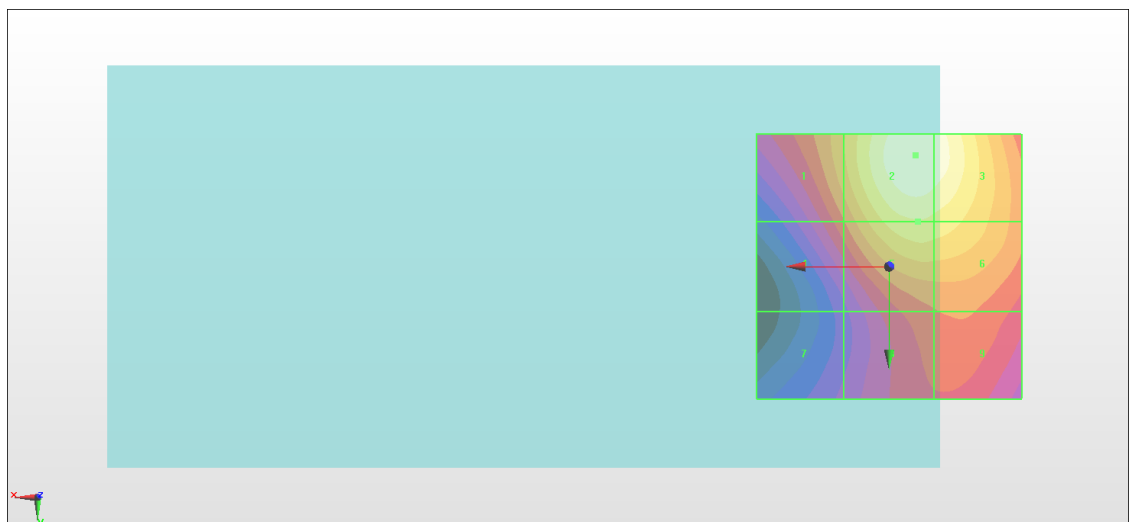
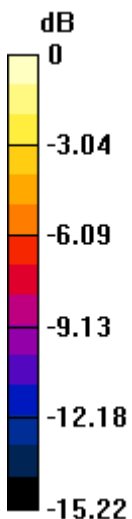
Grid 1 M3 40.31 dBV/m	Grid 2 M3 44.41 dBV/m	Grid 3 M3 44.1 dBV/m
Grid 4 M4 38.28 dBV/m	Grid 5 M3 42.3 dBV/m	Grid 6 M3 42.08 dBV/m
Grid 7 M4 34.63 dBV/m	Grid 8 M4 38.26 dBV/m	Grid 9 M4 38.49 dBV/m

Cursor:

Total = 44.41 dBV/m

E Category: M3

Location: -5, -21, 8.7 mm



0 dB = 166.1 V/m = 44.41 dBV/m

#06_HAC_E_GSM850_GSM Voice_Ch251

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 848.8 MHz; Duty Cycle: 1:8.3

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

Ambient Temperature : 23.5 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2017/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2017/5/22
- 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)

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 = 92.52 V/m; Power Drift = -0.02 dB

Applied MIF = 3.63 dB

RF audio interference level = 44.52 dBV/m

Emission category: M3

MIF scaled E-field

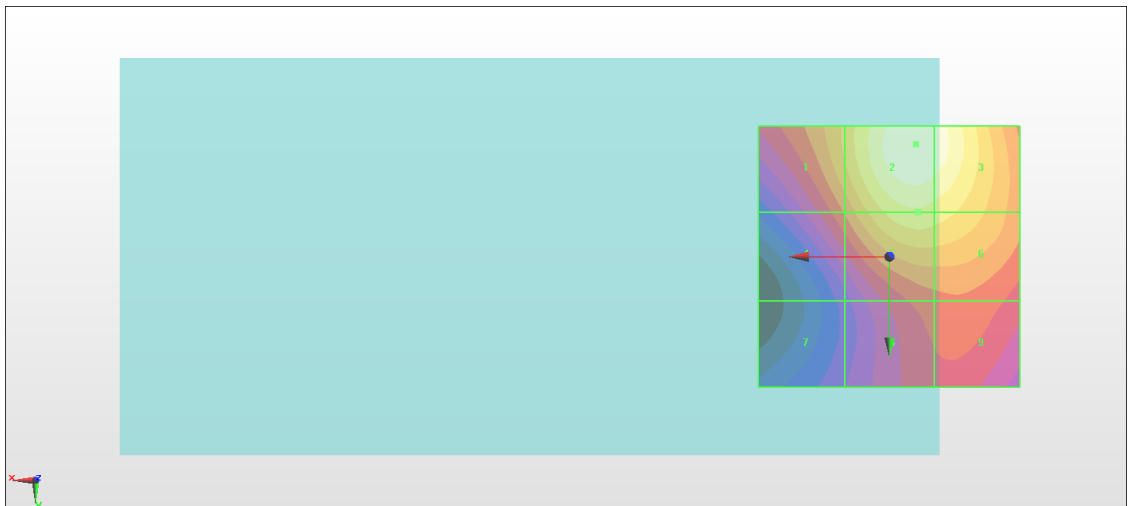
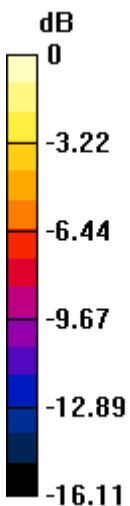
Grid 1 M3 40.56 dBV/m	Grid 2 M3 44.52 dBV/m	Grid 3 M3 44.18 dBV/m
Grid 4 M4 38.24 dBV/m	Grid 5 M3 42.16 dBV/m	Grid 6 M3 41.89 dBV/m
Grid 7 M4 33.8 dBV/m	Grid 8 M4 37.73 dBV/m	Grid 9 M4 37.95 dBV/m

Cursor:

Total = 44.52 dBV/m

E Category: M3

Location: -5, -21.5, 8.7 mm



0 dB = 168.2 V/m = 44.52 dBV/m

#07_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 : 23.4 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2017/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2016/9/28
- 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)

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 = 11.22 V/m; Power Drift = -0.12 dB

Applied MIF = 3.63 dB

RF audio interference level = 26.64 dBV/m

Emission category: M4

MIF scaled E-field

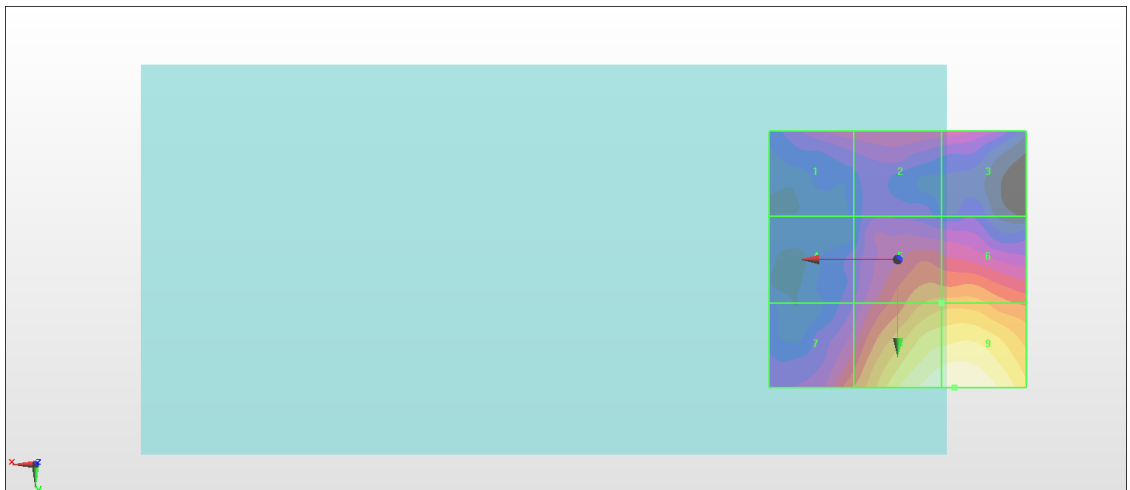
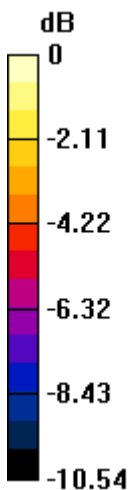
Grid 1 M4 20.93 dBV/m	Grid 2 M4 21.1 dBV/m	Grid 3 M4 20.95 dBV/m
Grid 4 M4 19.69 dBV/m	Grid 5 M4 23.46 dBV/m	Grid 6 M4 23.54 dBV/m
Grid 7 M4 22.51 dBV/m	Grid 8 M4 26.52 dBV/m	Grid 9 M4 26.64 dBV/m

Cursor:

Total = 26.64 dBV/m

E Category: M4

Location: -11, 25, 8.7 mm



0 dB = 21.48 V/m = 26.64 dBV/m

#08_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 : 23.4 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2017/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2016/9/28
- 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)

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 = 10.99 V/m; Power Drift = -0.10 dB

Applied MIF = 3.63 dB

RF audio interference level = 25.19 dBV/m

Emission category: M4

MIF scaled E-field

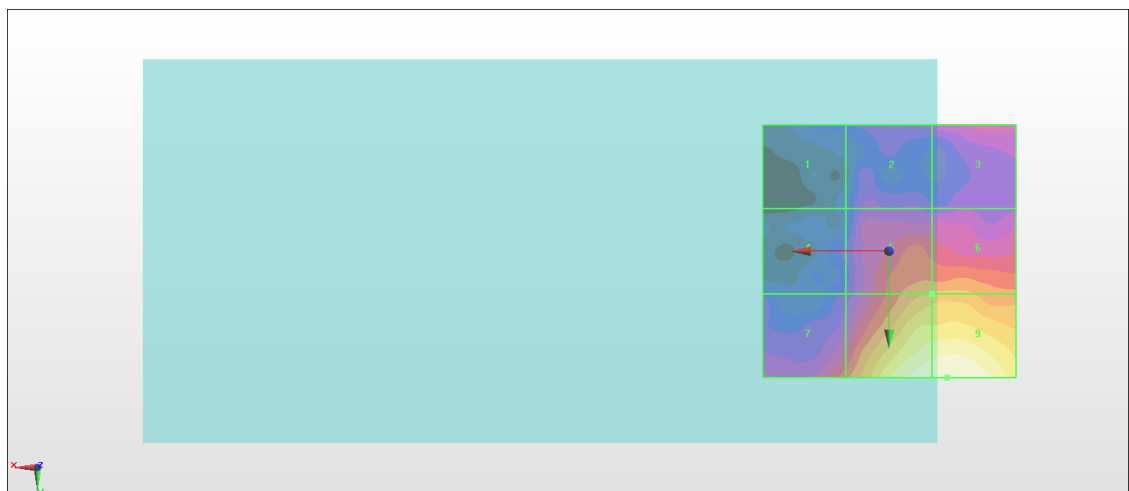
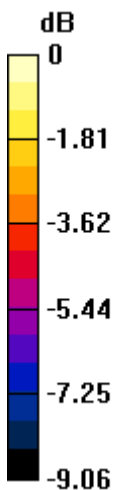
Grid 1 M4 18.38 dBV/m	Grid 2 M4 19.6 dBV/m	Grid 3 M4 20.33 dBV/m
Grid 4 M4 18.83 dBV/m	Grid 5 M4 22.31 dBV/m	Grid 6 M4 22.42 dBV/m
Grid 7 M4 21.45 dBV/m	Grid 8 M4 25.1 dBV/m	Grid 9 M4 25.19 dBV/m

Cursor:

Total = 25.19 dBV/m

E Category: M4

Location: -11.5, 25, 8.7 mm



0 dB = 18.17 V/m = 25.19 dBV/m

#09_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 : 23.4 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2017/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2016/9/28
- 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)

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 = 10.10 V/m; Power Drift = -0.05 dB

Applied MIF = 3.63 dB

RF audio interference level = 22.52 dBV/m

Emission category: M4

MIF scaled E-field

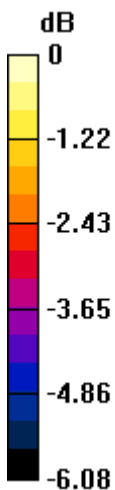
Grid 1 M4 18.76 dBV/m	Grid 2 M4 19.21 dBV/m	Grid 3 M4 18.25 dBV/m
Grid 4 M4 18.91 dBV/m	Grid 5 M4 20.19 dBV/m	Grid 6 M4 20.35 dBV/m
Grid 7 M4 19.74 dBV/m	Grid 8 M4 22.39 dBV/m	Grid 9 M4 22.52 dBV/m

Cursor:

Total = 22.52 dBV/m

E Category: M4

Location: -12, 25, 8.7 mm



0 dB = 13.37 V/m = 22.52 dBV/m