

#01_HAC_E_GSM850_GSM Voice_Ch128

Communication System: GSM; 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 : 23.1 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2017/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1424; Calibrated: 2017/2/16
- 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 = 35.84 V/m; Power Drift = 0.07 dB

Applied MIF = 3.63 dB

RF audio interference level = 34.06 dBV/m

Emission category: M4

MIF scaled E-field

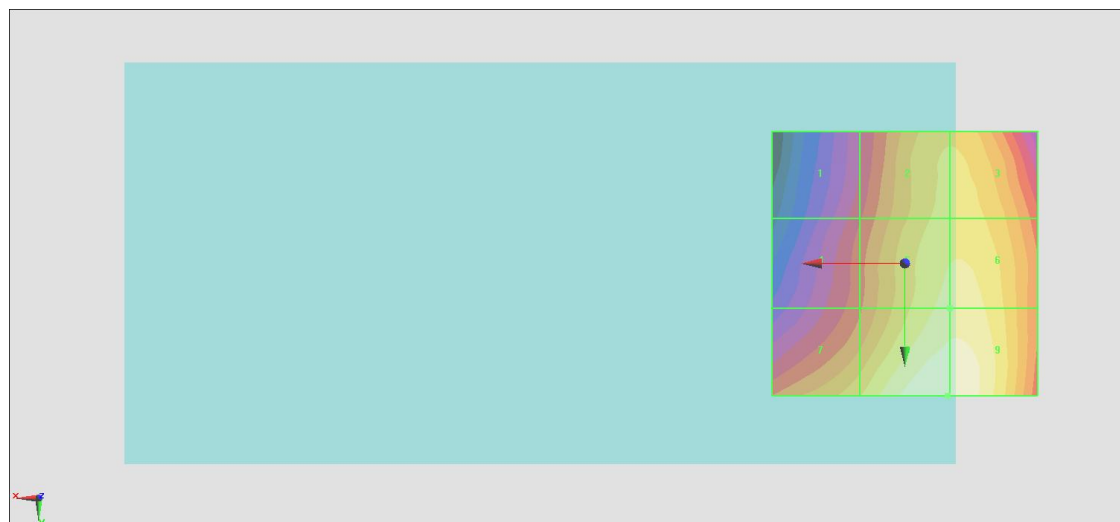
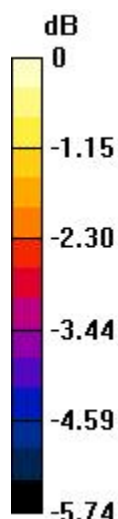
Grid 1 M4 31.34 dBV/m	Grid 2 M4 33.08 dBV/m	Grid 3 M4 33.1 dBV/m
Grid 4 M4 31.72 dBV/m	Grid 5 M4 33.45 dBV/m	Grid 6 M4 33.48 dBV/m
Grid 7 M4 32.9 dBV/m	Grid 8 M4 34.06 dBV/m	Grid 9 M4 34.06 dBV/m

Cursor:

Total = 34.06 dBV/m

E Category: M4

Location: -8, 25, 8.7 mm



0 dB = 50.47 V/m = 34.06 dBV/m

#02_HAC_E_GSM850_GSM Voice_Ch189

Communication System: GSM; 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 : 23.1 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2017/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1424; Calibrated: 2017/2/16
- 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 = 39.78 V/m; Power Drift = -0.06 dB

Applied MIF = 3.63 dB

RF audio interference level = 35.21 dBV/m

Emission category: M4

MIF scaled E-field

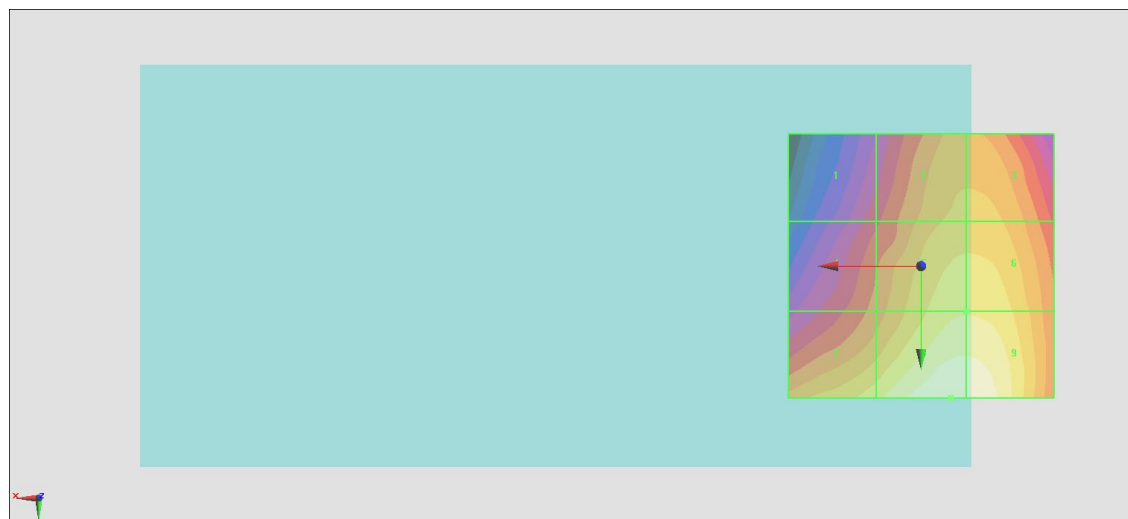
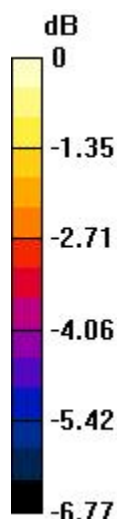
Grid 1 M4 31.96 dBV/m	Grid 2 M4 33.6 dBV/m	Grid 3 M4 33.6 dBV/m
Grid 4 M4 32.73 dBV/m	Grid 5 M4 34.27 dBV/m	Grid 6 M4 34.28 dBV/m
Grid 7 M4 34.2 dBV/m	Grid 8 M4 35.21 dBV/m	Grid 9 M4 35.15 dBV/m

Cursor:

Total = 35.21 dBV/m

E Category: M4

Location: -5.5, 25, 8.7 mm



0 dB = 57.61 V/m = 35.21 dBV/m

#03_HAC_E_GSM850_GSM Voice_Ch251

Communication System: GSM; 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 : 23.1 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2017/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1424; Calibrated: 2017/2/16
- 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 = 41.66 V/m; Power Drift = 0.03 dB

Applied MIF = 3.63 dB

RF audio interference level = 35.99 dBV/m

Emission category: M4

MIF scaled E-field

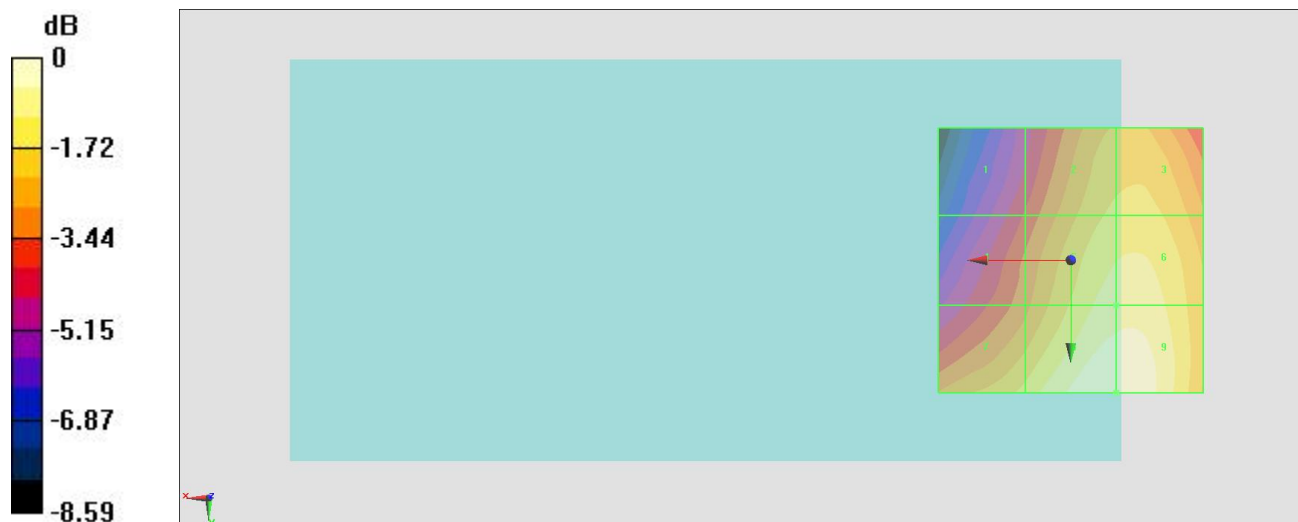
Grid 1 M4 32.1 dBV/m	Grid 2 M4 34.43 dBV/m	Grid 3 M4 34.52 dBV/m
Grid 4 M4 32.99 dBV/m	Grid 5 M4 35.17 dBV/m	Grid 6 M4 35.23 dBV/m
Grid 7 M4 34.48 dBV/m	Grid 8 M4 35.99 dBV/m	Grid 9 M4 35.99 dBV/m

Cursor:

Total = 35.99 dBV/m

E Category: M4

Location: -8.5, 25, 8.7 mm



0 dB = 63.00 V/m = 35.99 dBV/m

#04_HAC_E_GSM850_GSM Voice_Ch128

Communication System: GSM; 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 : 23.1 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2017/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1424; Calibrated: 2017/2/16
- 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 = 76.86 V/m; Power Drift = -0.01 dB

Applied MIF = 3.63 dB

RF audio interference level = 42.36 dBV/m

Emission category: M3

MIF scaled E-field

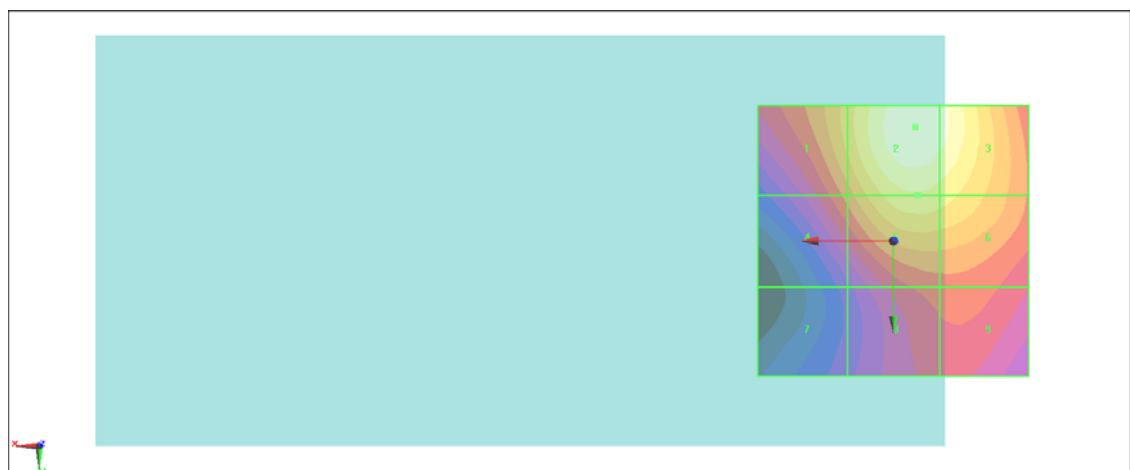
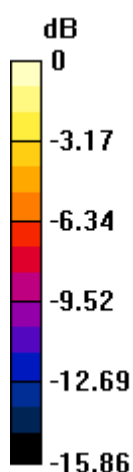
Grid 1 M4 38.67 dBV/m	Grid 2 M3 42.36 dBV/m	Grid 3 M3 41.77 dBV/m
Grid 4 M4 36.53 dBV/m	Grid 5 M3 40.12 dBV/m	Grid 6 M4 39.73 dBV/m
Grid 7 M4 31.56 dBV/m	Grid 8 M4 35.57 dBV/m	Grid 9 M4 35.65 dBV/m

Cursor:

Total = 42.36 dBV/m

E Category: M3

Location: -4, -21, 8.7 mm



0 dB = 131.1 V/m = 42.35 dBV/m

#05_HAC_E_GSM850_GSM Voice_Ch189

Communication System: GSM; 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 : 23.1 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2017/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1424; Calibrated: 2017/2/16
- 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 = 73.61 V/m; Power Drift = -0.04 dB

Applied MIF = 3.63 dB

RF audio interference level = 42.13 dBV/m

Emission category: M3

MIF scaled E-field

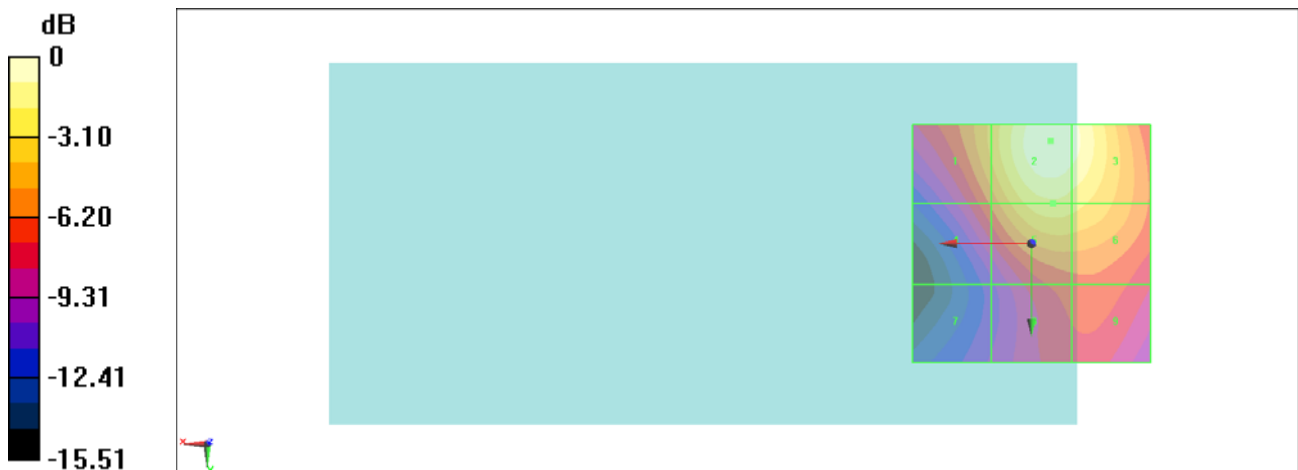
Grid 1 M4 38.34 dBV/m	Grid 2 M3 42.13 dBV/m	Grid 3 M3 41.58 dBV/m
Grid 4 M4 36.17 dBV/m	Grid 5 M4 39.84 dBV/m	Grid 6 M4 39.5 dBV/m
Grid 7 M4 31.99 dBV/m	Grid 8 M4 35.58 dBV/m	Grid 9 M4 35.71 dBV/m

Cursor:

Total = 42.13 dBV/m

E Category: M3

Location: -4, -21.5, 8.7 mm



0 dB = 127.8 V/m = 42.13 dBV/m

#06_HAC_E_GSM850_GSM Voice_Ch251

Communication System: GSM; 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 : 23.1 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2017/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1424; Calibrated: 2017/2/16
- 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 = 68.30 V/m; Power Drift = -0.12 dB

Applied MIF = 3.63 dB

RF audio interference level = 41.93 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 38.23 dBV/m	Grid 2 M3 41.93 dBV/m	Grid 3 M3 41.35 dBV/m
Grid 4 M4 35.81 dBV/m	Grid 5 M4 39.4 dBV/m	Grid 6 M4 39.02 dBV/m
Grid 7 M4 31.19 dBV/m	Grid 8 M4 34.88 dBV/m	Grid 9 M4 35 dBV/m

Cursor:

Total = 41.93 dBV/m

E Category: M3

Location: -4, -22, 8.7 mm



0 dB = 124.9 V/m = 41.93 dBV/m

#07_HAC_E_GSM1900_GSM Voice_Ch512

Communication System: GSM; 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 : 23.1 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2017/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1424; Calibrated: 2017/2/16
- 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 = 8.596 V/m; Power Drift = -0.02 dB

Applied MIF = 3.63 dB

RF audio interference level = 25.18 dBV/m

Emission category: M4

MIF scaled E-field

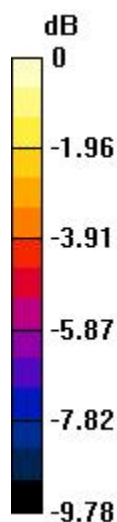
Grid 1 M4 20.49 dBV/m	Grid 2 M4 20.5 dBV/m	Grid 3 M4 19.24 dBV/m
Grid 4 M4 18.67 dBV/m	Grid 5 M4 21.71 dBV/m	Grid 6 M4 21.74 dBV/m
Grid 7 M4 20.81 dBV/m	Grid 8 M4 25.03 dBV/m	Grid 9 M4 25.18 dBV/m

Cursor:

Total = 25.18 dBV/m

E Category: M4

Location: -11.5, 25, 8.7 mm



0 dB = 18.16 V/m = 25.18 dBV/m

#08_HAC_E_GSM1900_GSM Voice_Ch661

Communication System: GSM; 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 : 23.1 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2017/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1424; Calibrated: 2017/2/16
- 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 = 9.122 V/m; Power Drift = -0.00 dB

Applied MIF = 3.63 dB

RF audio interference level = 25.31 dBV/m

Emission category: M4

MIF scaled E-field

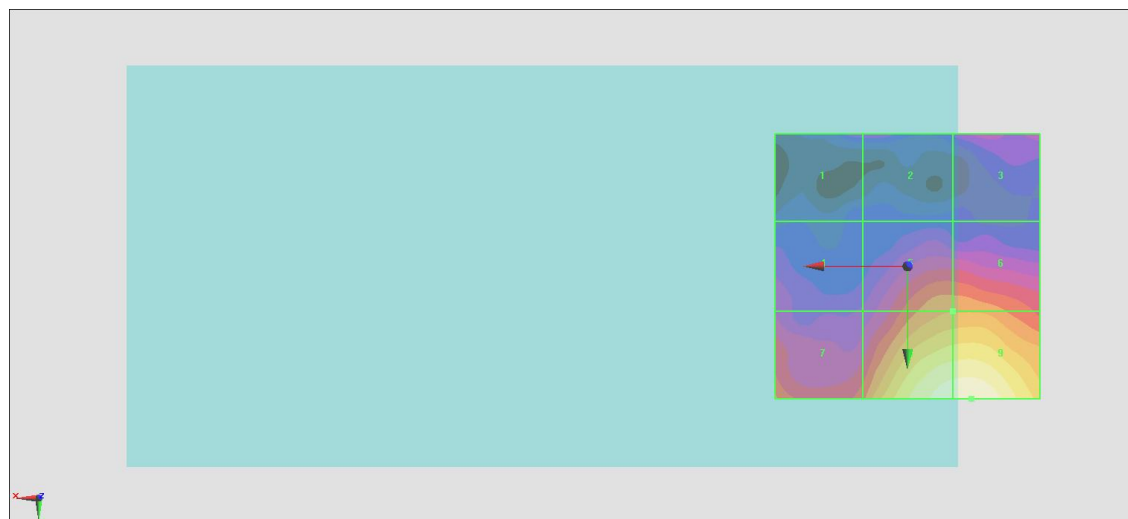
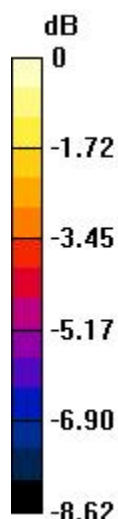
Grid 1 M4 19.57 dBV/m	Grid 2 M4 19.64 dBV/m	Grid 3 M4 19.96 dBV/m
Grid 4 M4 20.17 dBV/m	Grid 5 M4 22.41 dBV/m	Grid 6 M4 22.41 dBV/m
Grid 7 M4 22.01 dBV/m	Grid 8 M4 25.21 dBV/m	Grid 9 M4 25.31 dBV/m

Cursor:

Total = 25.31 dBV/m

E Category: M4

Location: -12, 25, 8.7 mm



0 dB = 18.42 V/m = 25.31 dBV/m

#09_HAC_E_GSM1900_GSM Voice_Ch810

Communication System: GSM; 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 : 23.1 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2017/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1424; Calibrated: 2017/2/16
- 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 = 8.558 V/m; Power Drift = 0.10 dB

Applied MIF = 3.63 dB

RF audio interference level = 25.20 dBV/m

Emission category: M4

MIF scaled E-field

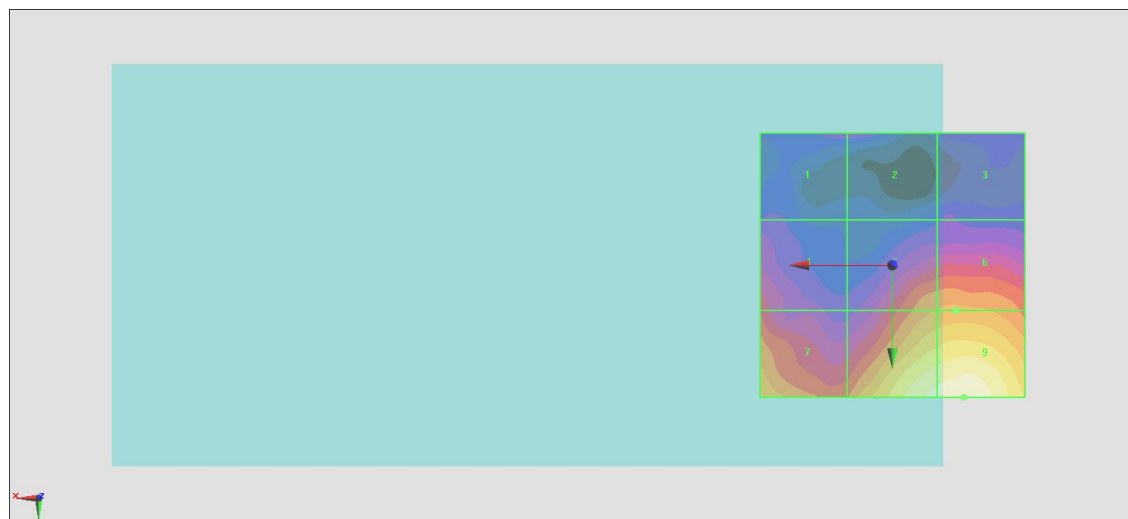
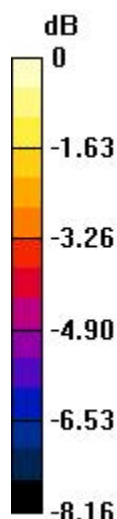
Grid 1 M4 19.93 dBV/m	Grid 2 M4 19.96 dBV/m	Grid 3 M4 19.35 dBV/m
Grid 4 M4 21.37 dBV/m	Grid 5 M4 22.52 dBV/m	Grid 6 M4 22.64 dBV/m
Grid 7 M4 23.17 dBV/m	Grid 8 M4 24.92 dBV/m	Grid 9 M4 25.2 dBV/m

Cursor:

Total = 25.20 dBV/m

E Category: M4

Location: -13.5, 25, 8.7 mm



0 dB = 18.20 V/m = 25.20 dBV/m