

#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 : 23.4 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2017/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- 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 = 71.34 V/m; Power Drift = -0.03 dB

Applied MIF = 3.63 dB

RF audio interference level = 39.13 dBV/m

Emission category: M4

MIF scaled E-field

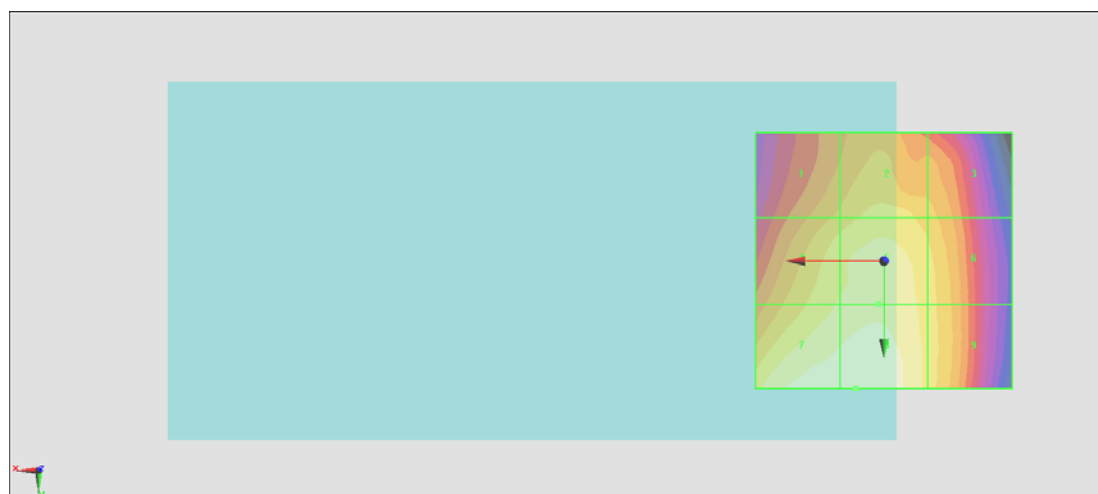
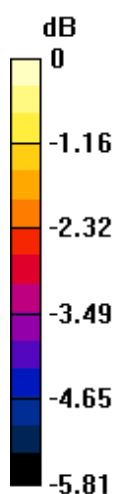
Grid 1 M4 37.73 dBV/m	Grid 2 M4 38.15 dBV/m	Grid 3 M4 37.8 dBV/m
Grid 4 M4 38.42 dBV/m	Grid 5 M4 38.66 dBV/m	Grid 6 M4 38.19 dBV/m
Grid 7 M4 39.1 dBV/m	Grid 8 M4 39.13 dBV/m	Grid 9 M4 38.26 dBV/m

Cursor:

Total = 39.13 dBV/m

E Category: M4

Location: 5.5, 25, 8.7 mm



0 dB = 90.52 V/m = 39.13 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 : 23.4 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2017/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- 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 = 74.31 V/m; Power Drift = -0.01 dB

Applied MIF = 3.63 dB

RF audio interference level = 39.76 dBV/m

Emission category: M4

MIF scaled E-field

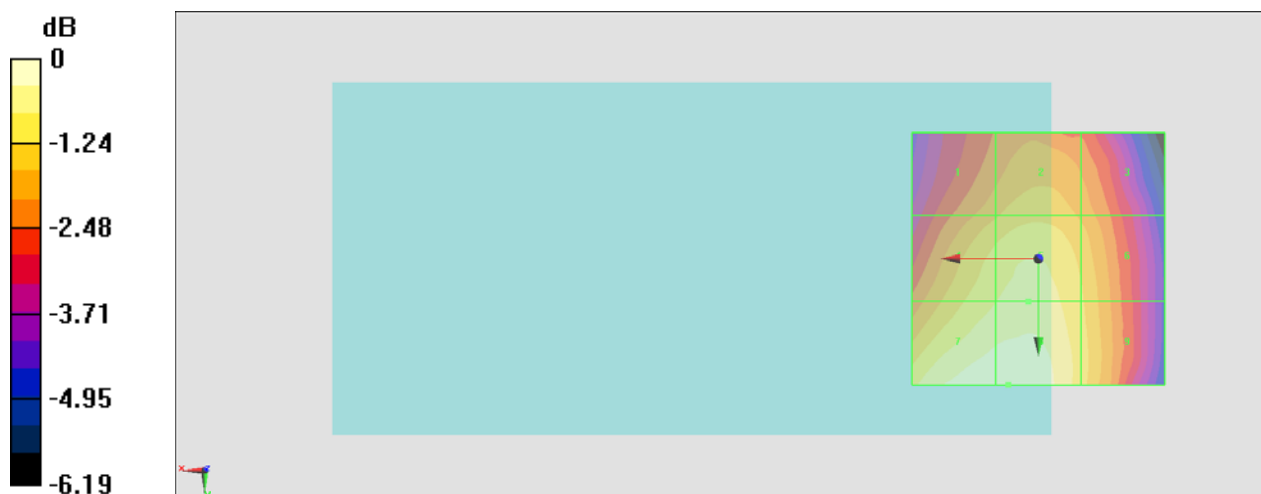
Grid 1 M4 38.06 dBV/m	Grid 2 M4 38.45 dBV/m	Grid 3 M4 38.03 dBV/m
Grid 4 M4 38.93 dBV/m	Grid 5 M4 39.13 dBV/m	Grid 6 M4 38.58 dBV/m
Grid 7 M4 39.71 dBV/m	Grid 8 M4 39.76 dBV/m	Grid 9 M4 38.74 dBV/m

Cursor:

Total = 39.76 dBV/m

E Category: M4

Location: 6, 25, 8.7 mm



0 dB = 97.27 V/m = 39.76 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 : 23.4 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2017/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- 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 = 77.08 V/m; Power Drift = -0.02 dB

Applied MIF = 3.63 dB

RF audio interference level = 40.08 dBV/m

Emission category: M3

MIF scaled E-field

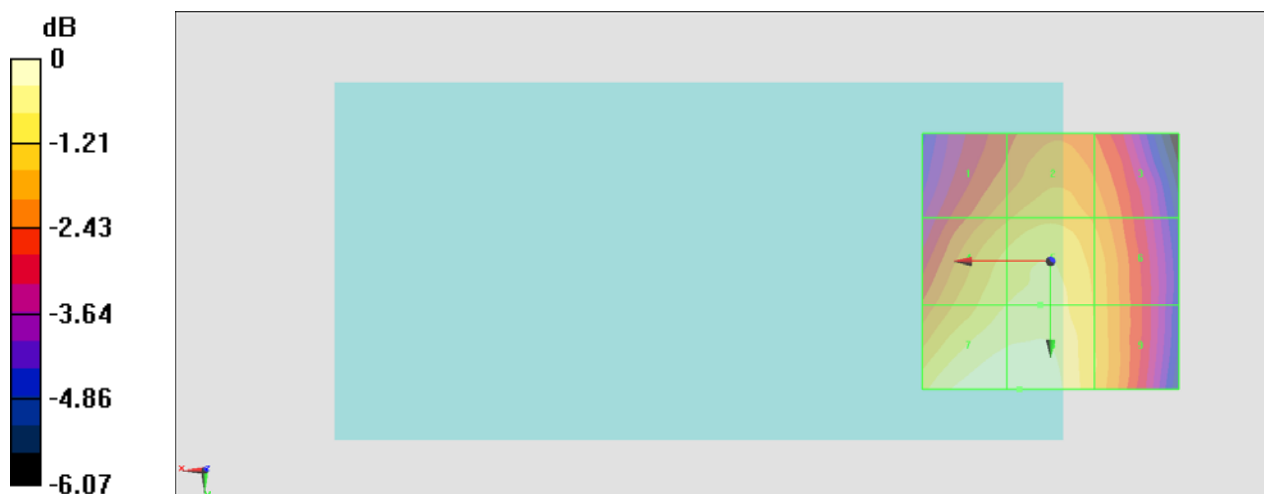
Grid 1 M4 38.39 dBV/m	Grid 2 M4 38.79 dBV/m	Grid 3 M4 38.4 dBV/m
Grid 4 M4 39.28 dBV/m	Grid 5 M4 39.45 dBV/m	Grid 6 M4 38.83 dBV/m
Grid 7 M3 40.03 dBV/m	Grid 8 M3 40.08 dBV/m	Grid 9 M4 38.93 dBV/m

Cursor:

Total = 40.08 dBV/m

E Category: M3

Location: 6, 25, 8.7 mm



0 dB = 100.9 V/m = 40.08 dBV/m

#04_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 : 23.4 °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 = 74.50 V/m; Power Drift = -0.07 dB

Applied MIF = 3.63 dB

RF audio interference level = 39.78 dBV/m

Emission category: M4

MIF scaled E-field

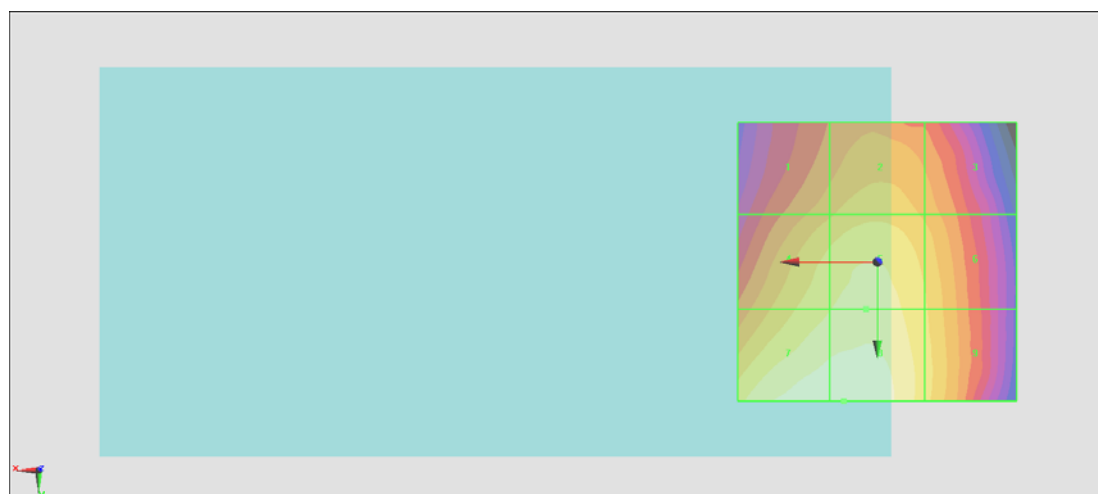
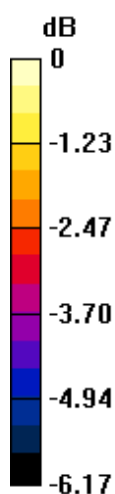
Grid 1 M4 38.08 dBV/m	Grid 2 M4 38.47 dBV/m	Grid 3 M4 38.06 dBV/m
Grid 4 M4 38.95 dBV/m	Grid 5 M4 39.15 dBV/m	Grid 6 M4 38.6 dBV/m
Grid 7 M4 39.73 dBV/m	Grid 8 M4 39.78 dBV/m	Grid 9 M4 38.76 dBV/m

Cursor:

Total = 39.78 dBV/m

E Category: M4

Location: 6, 25, 8.7 mm



0 dB = 97.49 V/m = 39.78 dBV/m

#05_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 : 23.4 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2017/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- 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 = 76.56 V/m; Power Drift = -0.07 dB

Applied MIF = 3.63 dB

RF audio interference level = 39.63 dBV/m

Emission category: M4

MIF scaled E-field

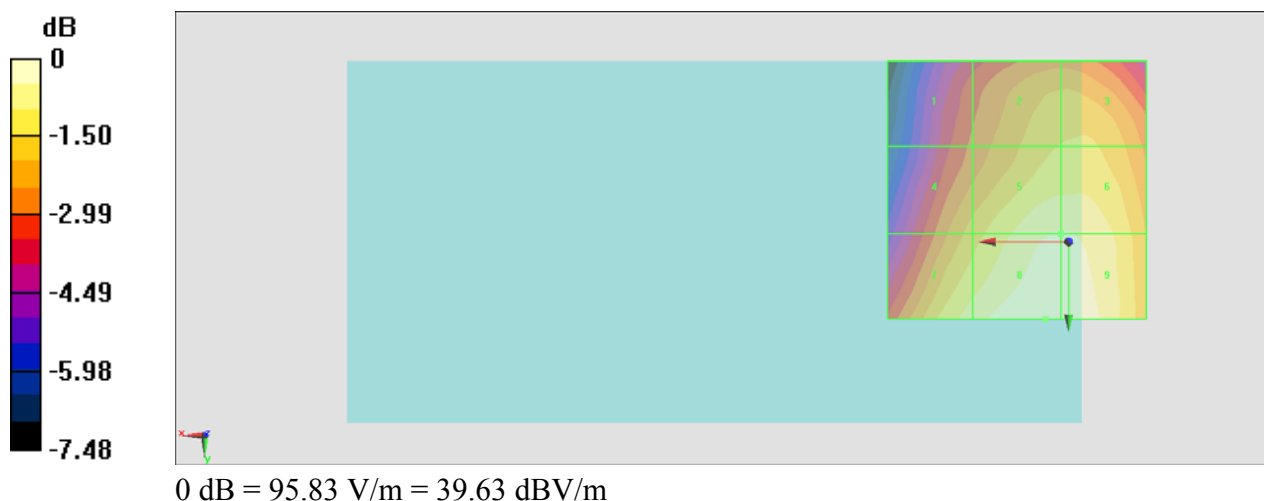
Grid 1 M4 36.79 dBV/m	Grid 2 M4 38.17 dBV/m	Grid 3 M4 38.23 dBV/m
Grid 4 M4 37.9 dBV/m	Grid 5 M4 39.16 dBV/m	Grid 6 M4 39.16 dBV/m
Grid 7 M4 38.93 dBV/m	Grid 8 M4 39.63 dBV/m	Grid 9 M4 39.6 dBV/m

Cursor:

Total = 39.63 dBV/m

E Category: M4

Location: 4.5, 15, 8.7 mm



#06_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: DAE4 Sn853; Calibrated: 2017/7/19
- 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 = 23.88 V/m; Power Drift = 0.07 dB

Applied MIF = 3.63 dB

RF audio interference level = 31.91 dBV/m

Emission category: M3

MIF scaled E-field

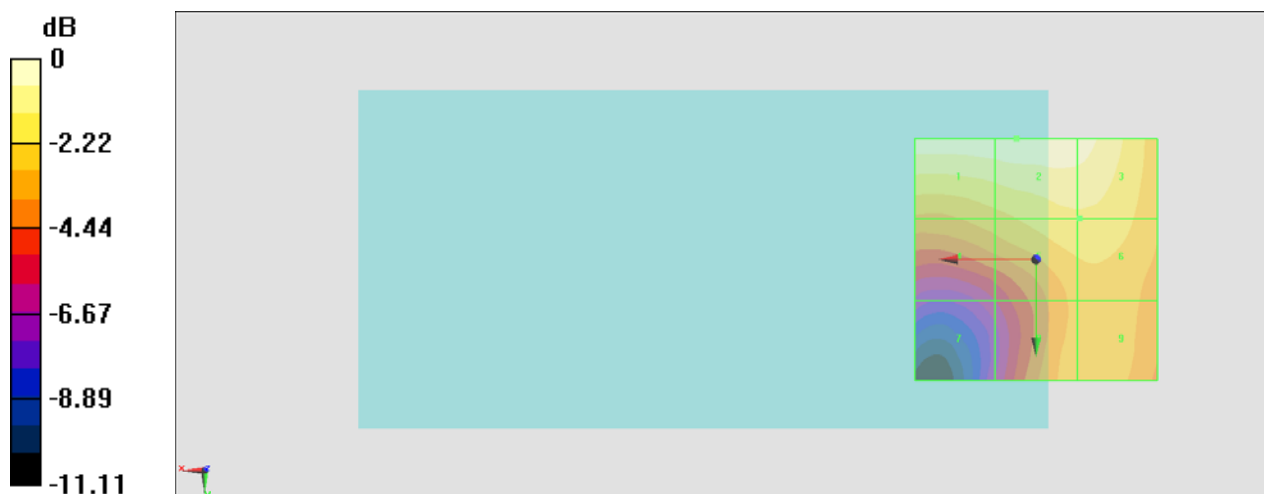
Grid 1 M3 31.83 dBV/m	Grid 2 M3 31.91 dBV/m	Grid 3 M3 31.58 dBV/m
Grid 4 M4 29.43 dBV/m	Grid 5 M3 30.3 dBV/m	Grid 6 M3 30.3 dBV/m
Grid 7 M4 26 dBV/m	Grid 8 M4 29.38 dBV/m	Grid 9 M4 29.51 dBV/m

Cursor:

Total = 31.91 dBV/m

E Category: M3

Location: 4, -25, 8.7 mm



0 dB = 39.42 V/m = 31.91 dBV/m

#07_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: DAE4 Sn853; Calibrated: 2017/7/19
- 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 = 27.45 V/m; Power Drift = -0.00 dB

Applied MIF = 3.63 dB

RF audio interference level = 32.18 dBV/m

Emission category: M3

MIF scaled E-field

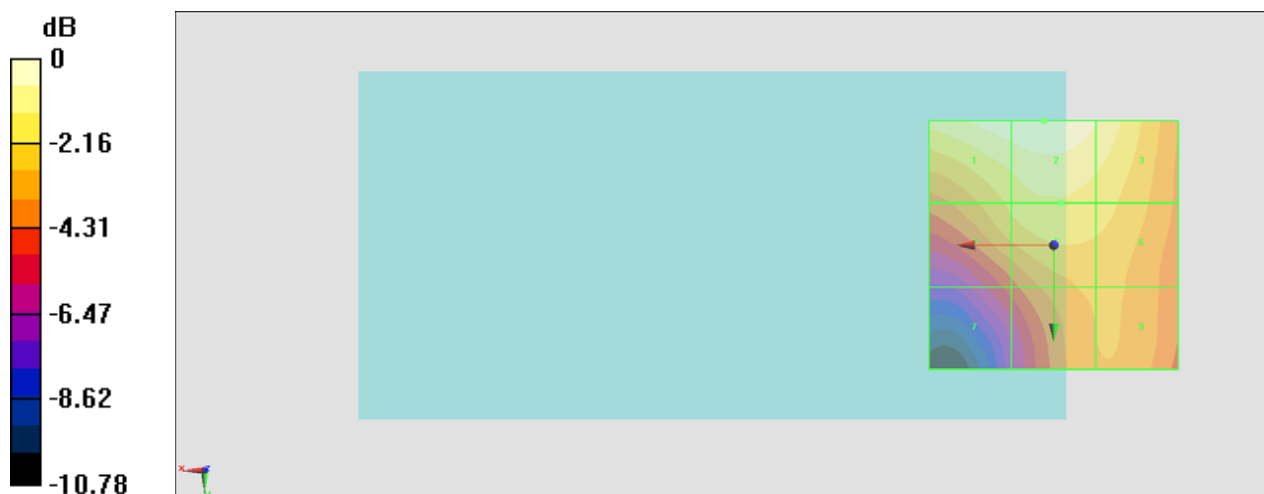
Grid 1 M3 32.03 dBV/m	Grid 2 M3 32.18 dBV/m	Grid 3 M3 31.5 dBV/m
Grid 4 M3 30.2 dBV/m	Grid 5 M3 30.67 dBV/m	Grid 6 M3 30.4 dBV/m
Grid 7 M4 27.54 dBV/m	Grid 8 M4 29.45 dBV/m	Grid 9 M4 29.46 dBV/m

Cursor:

Total = 32.18 dBV/m

E Category: M3

Location: 2, -25, 8.7 mm



0 dB = 40.63 V/m = 32.18 dBV/m

#08_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: DAE4 Sn853; Calibrated: 2017/7/19
- 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 = 23.70 V/m; Power Drift = 0.00 dB

Applied MIF = 3.63 dB

RF audio interference level = 30.84 dBV/m

Emission category: M3

MIF scaled E-field

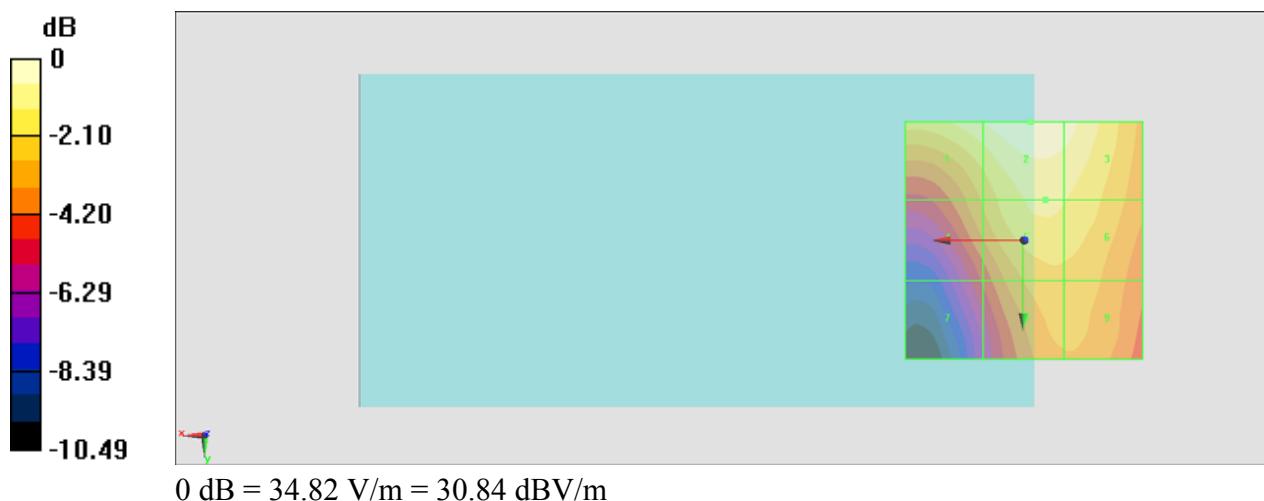
Grid 1 M3 30.19 dBV/m	Grid 2 M3 30.84 dBV/m	Grid 3 M3 30.47 dBV/m
Grid 4 M4 28.17 dBV/m	Grid 5 M4 29.6 dBV/m	Grid 6 M4 29.47 dBV/m
Grid 7 M4 26.14 dBV/m	Grid 8 M4 28.57 dBV/m	Grid 9 M4 28.55 dBV/m

Cursor:

Total = 30.84 dBV/m

E Category: M3

Location: -1.5, -25, 8.7 mm



#09_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: DAE4 Sn853; Calibrated: 2017/7/19
- 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 = 23.99 V/m; Power Drift = 0.07 dB

Applied MIF = 3.63 dB

RF audio interference level = 31.95 dBV/m

Emission category: M3

MIF scaled E-field

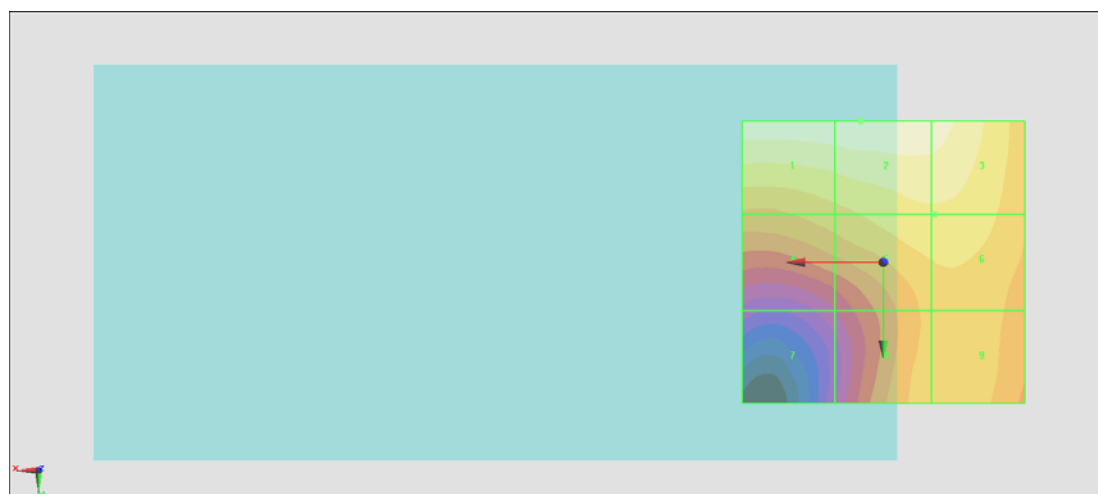
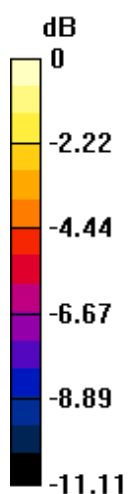
Grid 1 M3 31.87 dBV/m	Grid 2 M3 31.95 dBV/m	Grid 3 M3 31.61 dBV/m
Grid 4 M4 29.47 dBV/m	Grid 5 M3 30.33 dBV/m	Grid 6 M3 30.33 dBV/m
Grid 7 M4 26.04 dBV/m	Grid 8 M4 29.42 dBV/m	Grid 9 M4 29.54 dBV/m

Cursor:

Total = 31.95 dBV/m

E Category: M3

Location: 4, -25, 8.7 mm



0 dB = 39.56 V/m = 31.95 dBV/m