

#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 : 23.5 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2017/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- 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 = 14.32 V/m; Power Drift = -0.07 dB

Applied MIF = 3.63 dB

RF audio interference level = 25.66 dBV/m

Emission category: M4

MIF scaled E-field

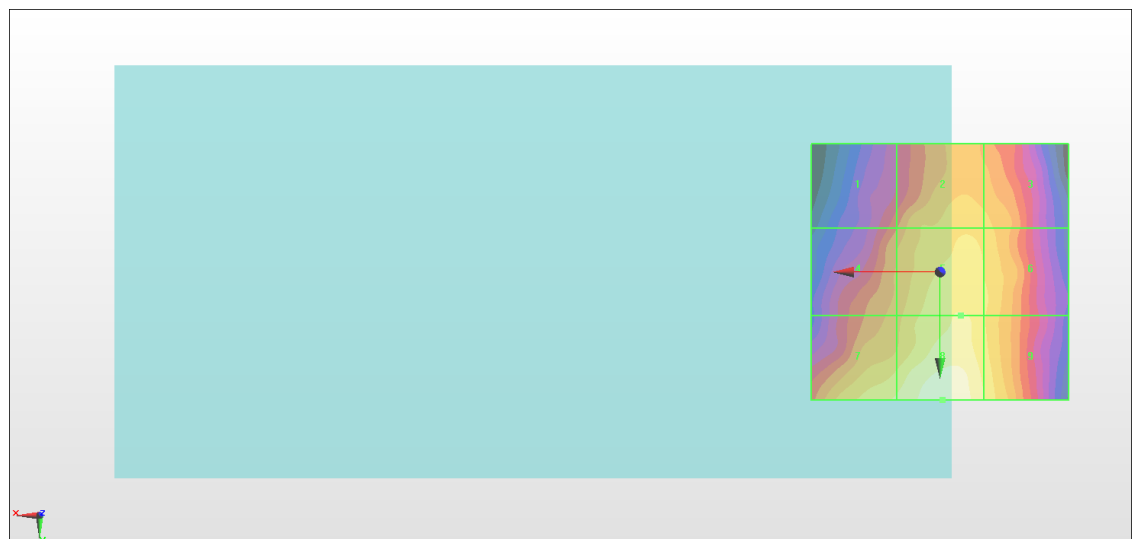
Grid 1 M4 23.9 dBV/m	Grid 2 M4 24.75 dBV/m	Grid 3 M4 24.64 dBV/m
Grid 4 M4 24.39 dBV/m	Grid 5 M4 25.11 dBV/m	Grid 6 M4 24.86 dBV/m
Grid 7 M4 25.13 dBV/m	Grid 8 M4 25.66 dBV/m	Grid 9 M4 25.1 dBV/m

Cursor:

Total = 25.66 dBV/m

E Category: M4

Location: -0.5, 25, 8.7 mm



0 dB = 19.18 V/m = 25.66 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 : 23.5 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2017/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- 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 = 12.95 V/m; Power Drift = -0.08 dB

Applied MIF = 3.63 dB

RF audio interference level = 25.04 dBV/m

Emission category: M4

MIF scaled E-field

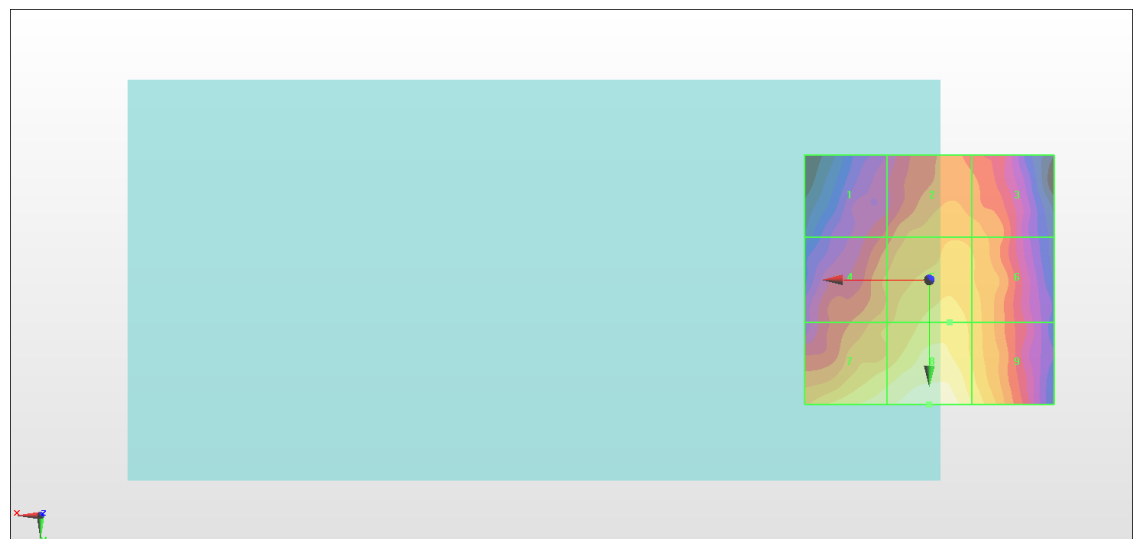
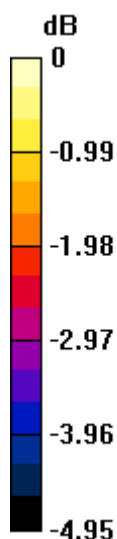
Grid 1 M4 22.9 dBV/m	Grid 2 M4 23.7 dBV/m	Grid 3 M4 23.62 dBV/m
Grid 4 M4 23.67 dBV/m	Grid 5 M4 24.26 dBV/m	Grid 6 M4 23.95 dBV/m
Grid 7 M4 24.6 dBV/m	Grid 8 M4 25.04 dBV/m	Grid 9 M4 24.42 dBV/m

Cursor:

Total = 25.04 dBV/m

E Category: M4

Location: 0, 25, 8.7 mm



0 dB = 17.86 V/m = 25.04 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 : 23.5 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2017/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- 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 = 11.32 V/m; Power Drift = -0.06 dB

Applied MIF = 3.63 dB

RF audio interference level = 24.12 dBV/m

Emission category: M4

MIF scaled E-field

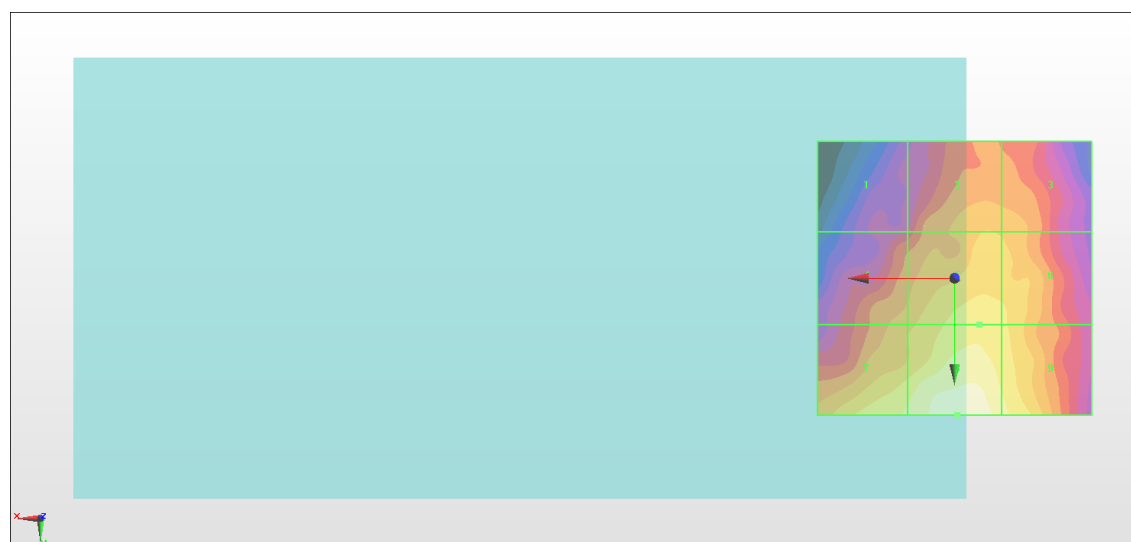
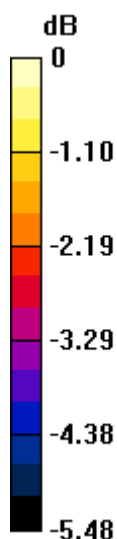
Grid 1 M4 21.29 dBV/m	Grid 2 M4 22.68 dBV/m	Grid 3 M4 22.63 dBV/m
Grid 4 M4 22.58 dBV/m	Grid 5 M4 23.26 dBV/m	Grid 6 M4 23.12 dBV/m
Grid 7 M4 23.48 dBV/m	Grid 8 M4 24.12 dBV/m	Grid 9 M4 23.57 dBV/m

Cursor:

Total = 24.12 dBV/m

E Category: M4

Location: -0.5, 25, 8.7 mm



0 dB = 16.08 V/m = 24.13 dBV/m

#07_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 : 23.5 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2017/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- 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 = 13.60 V/m; Power Drift = -0.04 dB

Applied MIF = 3.63 dB

RF audio interference level = 24.86 dBV/m

Emission category: M4

MIF scaled E-field

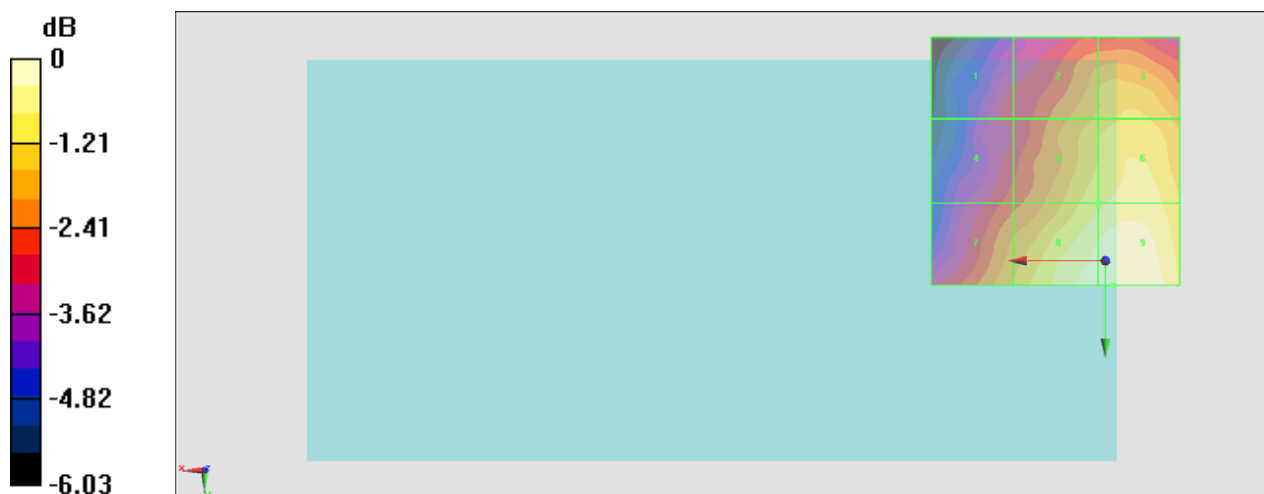
Grid 1 M4 21.96 dBV/m	Grid 2 M4 23.35 dBV/m	Grid 3 M4 23.76 dBV/m
Grid 4 M4 22.32 dBV/m	Grid 5 M4 23.96 dBV/m	Grid 6 M4 24.27 dBV/m
Grid 7 M4 23.34 dBV/m	Grid 8 M4 24.77 dBV/m	Grid 9 M4 24.86 dBV/m

Cursor:

Total = 24.86 dBV/m

E Category: M4

Location: -1.5, 5, 8.7 mm



0 dB = 17.49 V/m = 24.86 dBV/m

#04_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 : 23.5 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2017/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- 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 = 17.49 V/m; Power Drift = -0.00 dB

Applied MIF = 3.63 dB

RF audio interference level = 29.09 dBV/m

Emission category: M4

MIF scaled E-field

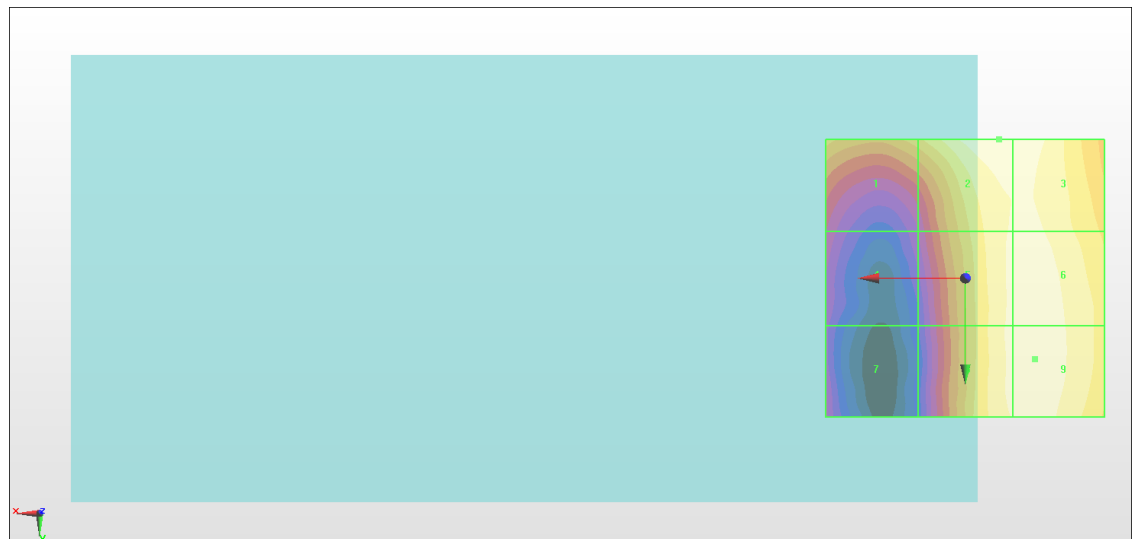
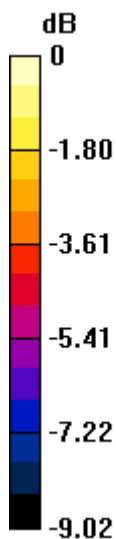
Grid 1 M4 27.11 dBV/m	Grid 2 M4 29.09 dBV/m	Grid 3 M4 29 dBV/m
Grid 4 M4 24.32 dBV/m	Grid 5 M4 28.62 dBV/m	Grid 6 M4 28.79 dBV/m
Grid 7 M4 23.87 dBV/m	Grid 8 M4 28.62 dBV/m	Grid 9 M4 28.82 dBV/m

Cursor:

Total = 29.09 dBV/m

E Category: M4

Location: -6, -25, 8.7 mm



0 dB = 28.47 V/m = 29.09 dBV/m

#05_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 : 23.5 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2017/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- 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 = 16.46 V/m; Power Drift = 0.01 dB

Applied MIF = 3.63 dB

RF audio interference level = 28.90 dBV/m

Emission category: M4

MIF scaled E-field

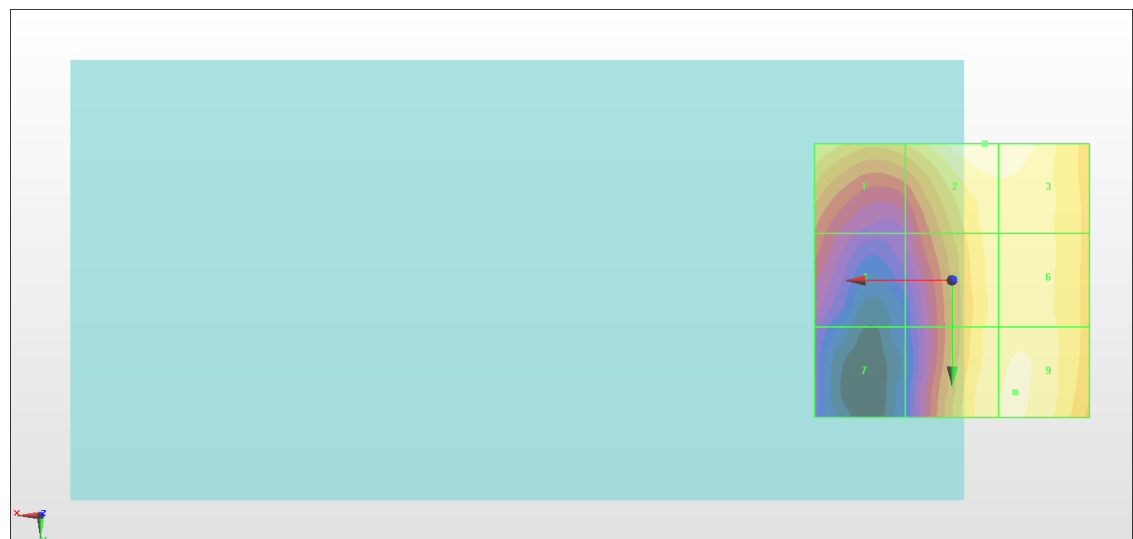
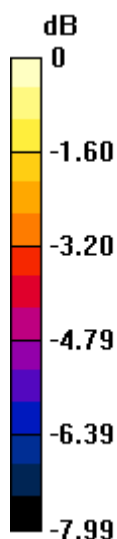
Grid 1 M4 27.98 dBV/m	Grid 2 M4 28.9 dBV/m	Grid 3 M4 28.83 dBV/m
Grid 4 M4 25.67 dBV/m	Grid 5 M4 28.1 dBV/m	Grid 6 M4 28.28 dBV/m
Grid 7 M4 23.94 dBV/m	Grid 8 M4 28.37 dBV/m	Grid 9 M4 28.45 dBV/m

Cursor:

Total = 28.90 dBV/m

E Category: M4

Location: -6, -25, 8.7 mm



0 dB = 27.86 V/m = 28.90 dBV/m

#06_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 : 23.5 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2017/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- 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 = 15.36 V/m; Power Drift = 0.01 dB

Applied MIF = 3.63 dB

RF audio interference level = 29.87 dBV/m

Emission category: M4

MIF scaled E-field

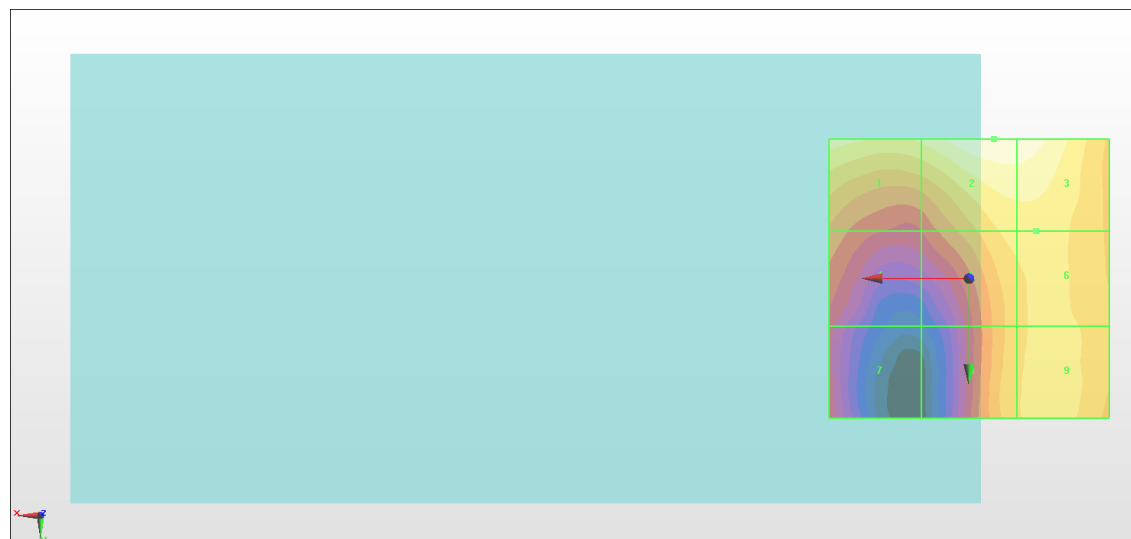
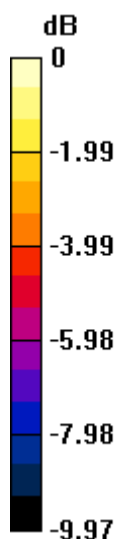
Grid 1 M4 28.94 dBV/m	Grid 2 M4 29.87 dBV/m	Grid 3 M4 29.76 dBV/m
Grid 4 M4 26.48 dBV/m	Grid 5 M4 28.17 dBV/m	Grid 6 M4 28.27 dBV/m
Grid 7 M4 25.06 dBV/m	Grid 8 M4 27.8 dBV/m	Grid 9 M4 28.26 dBV/m

Cursor:

Total = 29.87 dBV/m

E Category: M4

Location: -4.5, -25, 8.7 mm



0 dB = 31.16 V/m = 29.87 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 Sn1399; Calibrated: 2016/11/17
- 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 = 14.79 V/m; Power Drift = -0.17 dB

Applied MIF = 3.63 dB

RF audio interference level = 30.75 dBV/m

Emission category: M3

MIF scaled E-field

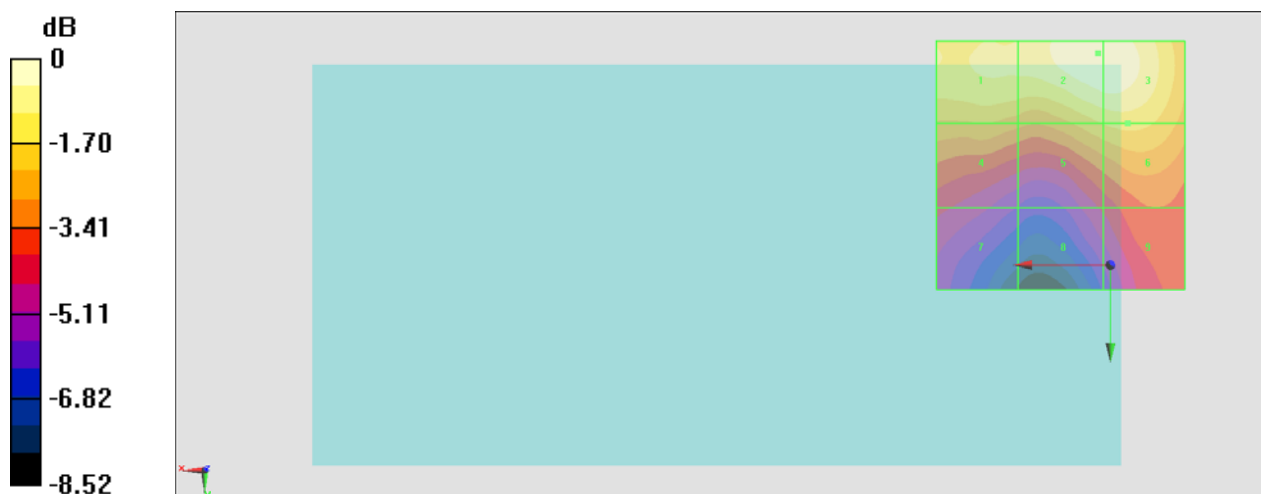
Grid 1 M4 29.76 dBV/m	Grid 2 M3 30.75 dBV/m	Grid 3 M3 30.74 dBV/m
Grid 4 M4 28.49 dBV/m	Grid 5 M4 29.08 dBV/m	Grid 6 M4 29.27 dBV/m
Grid 7 M4 26.4 dBV/m	Grid 8 M4 26.35 dBV/m	Grid 9 M4 27.34 dBV/m

Cursor:

Total = 30.75 dBV/m

E Category: M3

Location: 2.5, -42.5, 8.7 mm



0 dB = 34.47 V/m = 30.75 dBV/m