

#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 : 23.6 °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 = 36.00 V/m; Power Drift = -0.14 dB

Applied MIF = 3.63 dB

RF audio interference level = 34.58 dBV/m

Emission category: M4

MIF scaled E-field

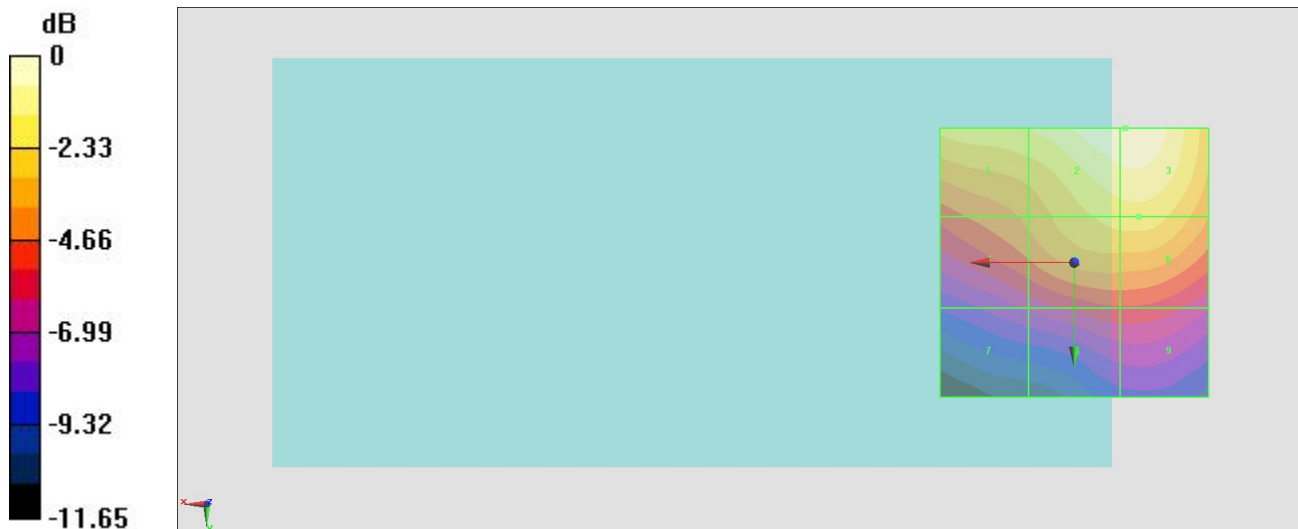
Grid 1 M4 33.05 dBV/m	Grid 2 M4 34.57 dBV/m	Grid 3 M4 34.58 dBV/m
Grid 4 M4 30.91 dBV/m	Grid 5 M4 32.58 dBV/m	Grid 6 M4 32.64 dBV/m
Grid 7 M4 27.75 dBV/m	Grid 8 M4 29.05 dBV/m	Grid 9 M4 29.05 dBV/m

Cursor:

Total = 34.58 dBV/m

E Category: M4

Location: -9.5, -25, 8.7 mm



0 dB = 53.56 V/m = 34.58 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 : 23.6 °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 = 33.38 V/m; Power Drift = -0.03 dB
 Applied MIF = 3.63 dB
 RF audio interference level = 33.95 dBV/m

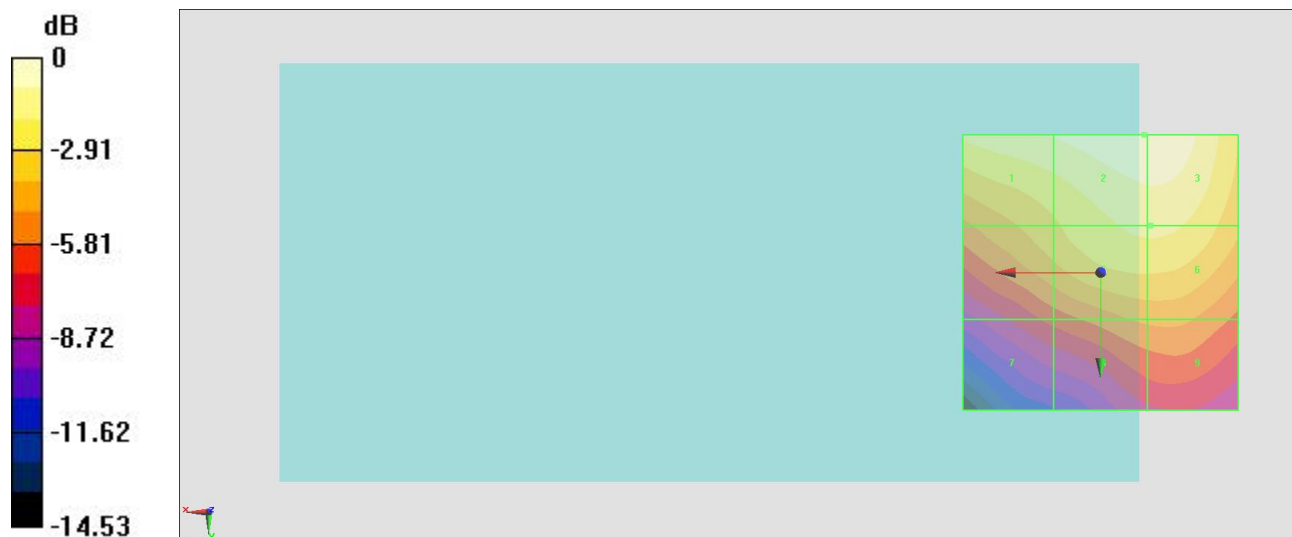
Emission category: M4

MIF scaled E-field

Grid 1 M4 33.08 dBV/m	Grid 2 M4 33.95 dBV/m	Grid 3 M4 33.95 dBV/m
Grid 4 M4 30.89 dBV/m	Grid 5 M4 32.23 dBV/m	Grid 6 M4 32.24 dBV/m
Grid 7 M4 27.56 dBV/m	Grid 8 M4 29.34 dBV/m	Grid 9 M4 29.4 dBV/m

Cursor:

Total = 33.95 dBV/m
 E Category: M4
 Location: -8, -25, 8.7 mm



0 dB = 49.86 V/m = 33.96 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 : 23.6 °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 = 36.49 V/m; Power Drift = -0.06 dB

Applied MIF = 3.63 dB

RF audio interference level = 34.19 dBV/m

Emission category: M4

MIF scaled E-field

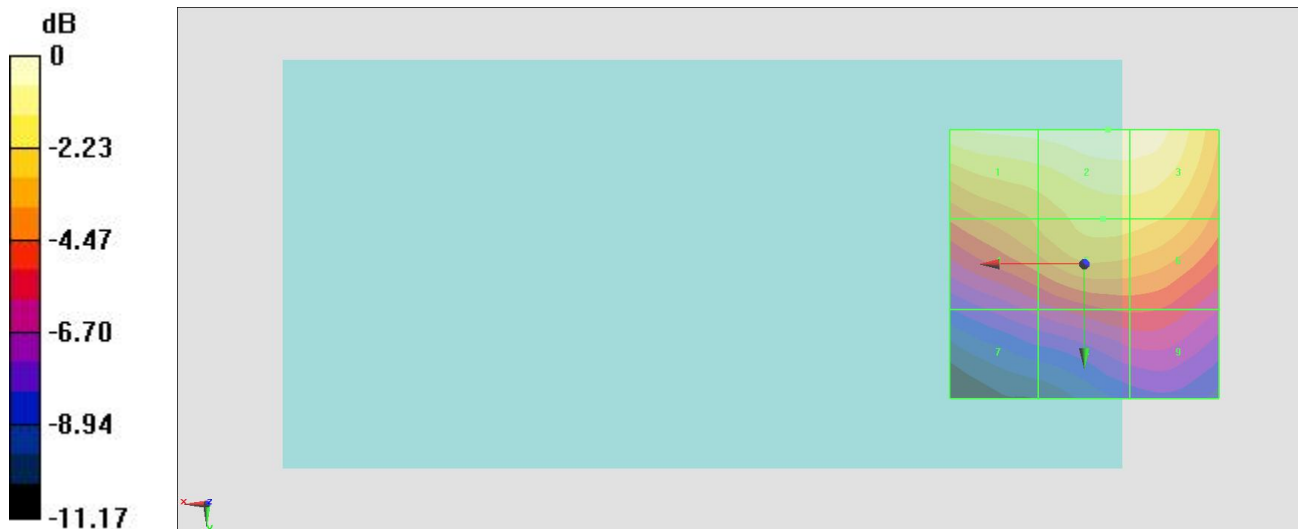
Grid 1 M4 33.76 dBV/m	Grid 2 M4 34.19 dBV/m	Grid 3 M4 34.17 dBV/m
Grid 4 M4 31.39 dBV/m	Grid 5 M4 32.27 dBV/m	Grid 6 M4 32.21 dBV/m
Grid 7 M4 27.81 dBV/m	Grid 8 M4 29.11 dBV/m	Grid 9 M4 29.12 dBV/m

Cursor:

Total = 34.19 dBV/m

E Category: M4

Location: -4.5, -25, 8.7 mm



0 dB = 51.24 V/m = 34.19 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 : 23.6 °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 = 26.54 V/m; Power Drift = -0.08 dB

Applied MIF = 3.63 dB

RF audio interference level = 30.44 dBV/m

Emission category: M3

MIF scaled E-field

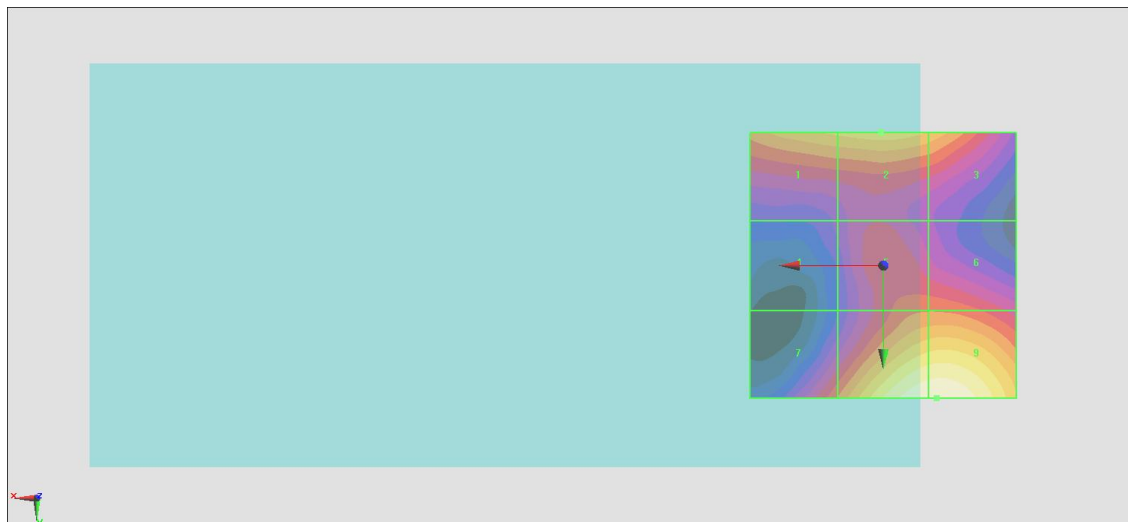
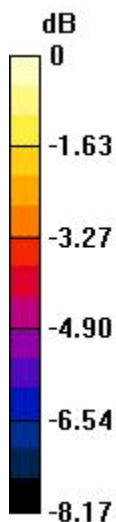
Grid 1 M4 28.4 dBV/m	Grid 2 M4 28.67 dBV/m	Grid 3 M4 28.21 dBV/m
Grid 4 M4 25.2 dBV/m	Grid 5 M4 27.15 dBV/m	Grid 6 M4 27.15 dBV/m
Grid 7 M4 27.26 dBV/m	Grid 8 M3 30.42 dBV/m	Grid 9 M3 30.44 dBV/m

Cursor:

Total = 30.44 dBV/m

E Category: M3

Location: -10, 25, 8.7 mm



0 dB = 33.27 V/m = 30.44 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 : 23.6 °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 = 22.74 V/m; Power Drift = -0.07 dB

Applied MIF = 3.63 dB

RF audio interference level = 29.54 dBV/m

Emission category: M4

MIF scaled E-field

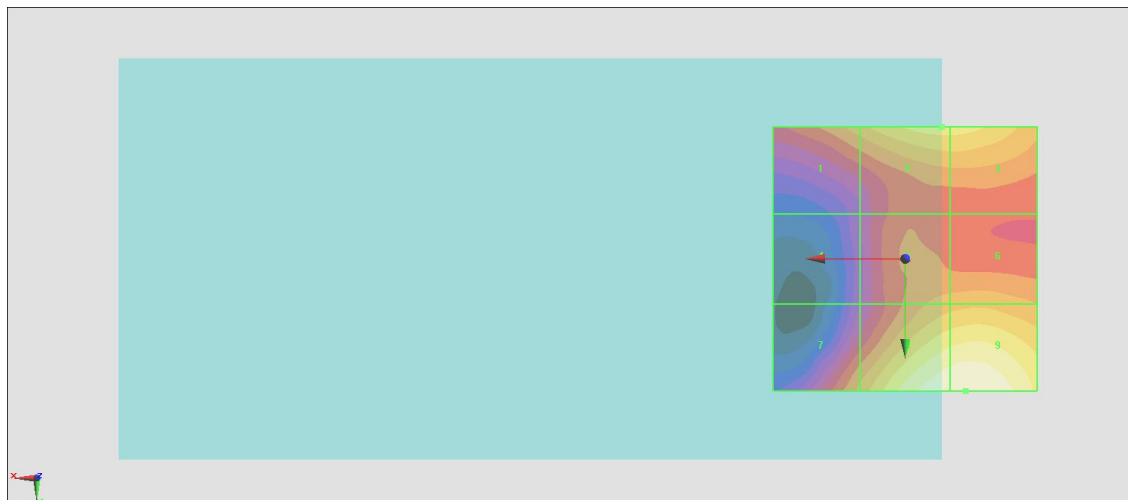
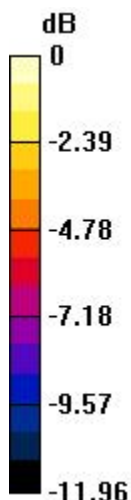
Grid 1 M4 26.1 dBV/m	Grid 2 M4 27.61 dBV/m	Grid 3 M4 27.59 dBV/m
Grid 4 M4 22.36 dBV/m	Grid 5 M4 26 dBV/m	Grid 6 M4 26.18 dBV/m
Grid 7 M4 25.87 dBV/m	Grid 8 M4 29.45 dBV/m	Grid 9 M4 29.54 dBV/m

Cursor:

Total = 29.54 dBV/m

E Category: M4

Location: -11.5, 25, 8.7 mm



0 dB = 29.98 V/m = 29.54 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 : 23.6 °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 = 26.90 V/m; Power Drift = -0.10 dB

Applied MIF = 3.63 dB

RF audio interference level = 30.80 dBV/m

Emission category: M3

MIF scaled E-field

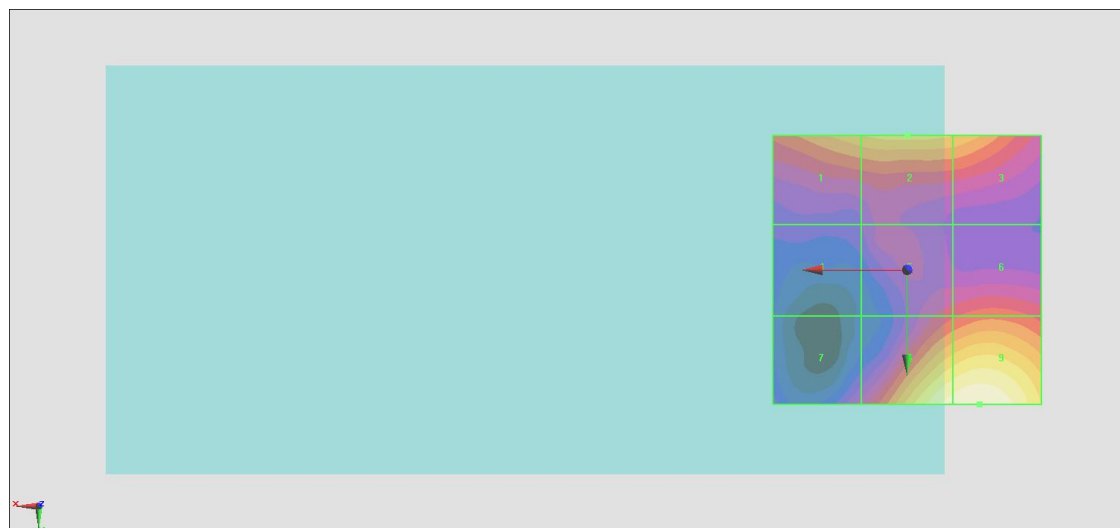
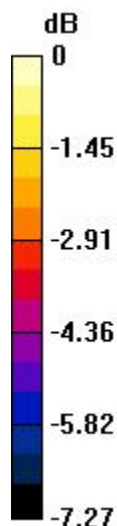
Grid 1 M4 28.8 dBV/m	Grid 2 M4 29.08 dBV/m	Grid 3 M4 28.86 dBV/m
Grid 4 M4 25.93 dBV/m	Grid 5 M4 27.32 dBV/m	Grid 6 M4 27.75 dBV/m
Grid 7 M4 26.71 dBV/m	Grid 8 M3 30.58 dBV/m	Grid 9 M3 30.8 dBV/m

Cursor:

Total = 30.80 dBV/m

E Category: M3

Location: -13.5, 25, 8.7 mm



0 dB = 34.66 V/m = 30.80 dBV/m

#07_HAC_E_CDMA BC0_1xRTT, RC1 SO3, 18th Rate_Ch1013

Communication System: CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 824.7 MHz; Duty Cycle: 1:8.3

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

Ambient Temperature : 23.6 °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 = 22.84 V/m; Power Drift = 0.07 dB

Applied MIF = 3.26 dB

RF audio interference level = 26.07 dBV/m

Emission category: M4

MIF scaled E-field

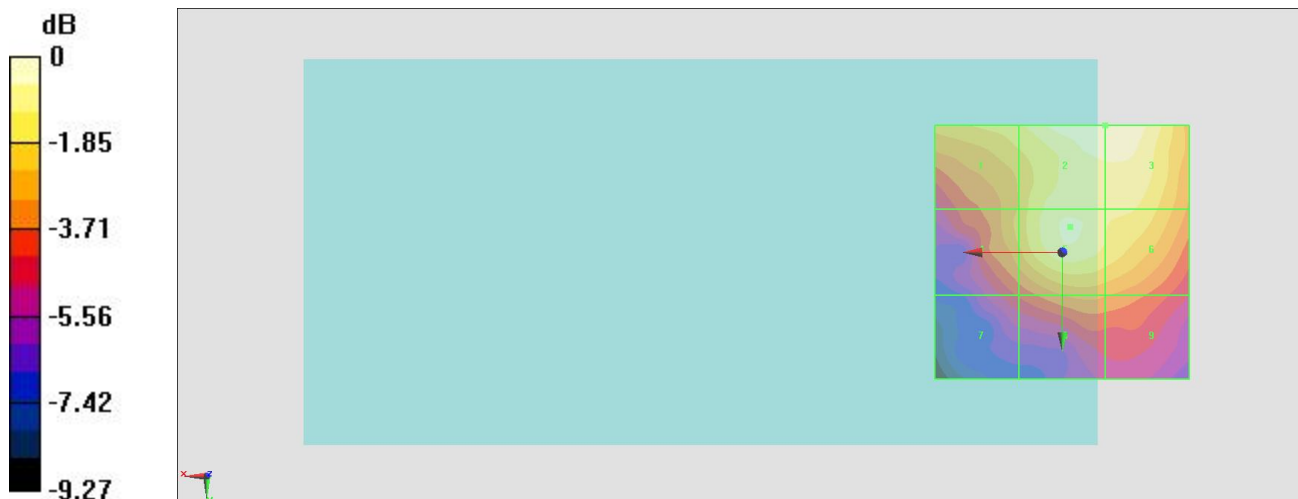
Grid 1 M4 24.71 dBV/m	Grid 2 M4 26.07 dBV/m	Grid 3 M4 26.07 dBV/m
Grid 4 M4 23.86 dBV/m	Grid 5 M4 25.57 dBV/m	Grid 6 M4 25.12 dBV/m
Grid 7 M4 21.86 dBV/m	Grid 8 M4 23.2 dBV/m	Grid 9 M4 23.04 dBV/m

Cursor:

Total = 26.07 dBV/m

E Category: M4

Location: -8.5, -25, 8.7 mm



0 dB = 20.12 V/m = 26.07 dBV/m

#08_HAC_E_CDMA BC0_1xRTT, RC1 SO3, 18th Rate_Ch384

Communication System: CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 836.52 MHz; Duty Cycle: 1:8.3

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

Ambient Temperature : 23.6 °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 = 22.77 V/m; Power Drift = -0.00 dB

Applied MIF = 3.26 dB

RF audio interference level = 26.77 dBV/m

Emission category: M4

MIF scaled E-field

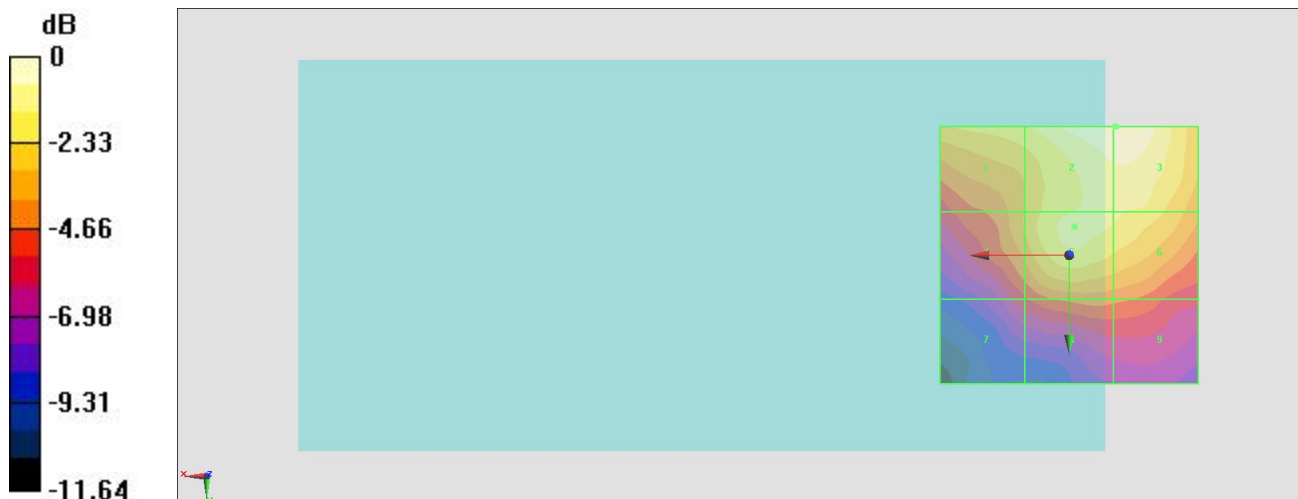
Grid 1 M4 25.13 dBV/m	Grid 2 M4 26.76 dBV/m	Grid 3 M4 26.77 dBV/m
Grid 4 M4 23.77 dBV/m	Grid 5 M4 25.54 dBV/m	Grid 6 M4 25.29 dBV/m
Grid 7 M4 21.2 dBV/m	Grid 8 M4 22.52 dBV/m	Grid 9 M4 22.37 dBV/m

Cursor:

Total = 26.77 dBV/m

E Category: M4

Location: -9, -25, 8.7 mm



0 dB = 21.79 V/m = 26.77 dBV/m

#09_HAC_E_CDMA BC0_1xRTT, RC1 SO3, 18th Rate_Ch777

Communication System: CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 848.31 MHz; Duty Cycle: 1:8.3

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

Ambient Temperature : 23.6 °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 = 22.00 V/m; Power Drift = -0.09 dB

Applied MIF = 3.26 dB

RF audio interference level = 26.18 dBV/m

Emission category: M4

MIF scaled E-field

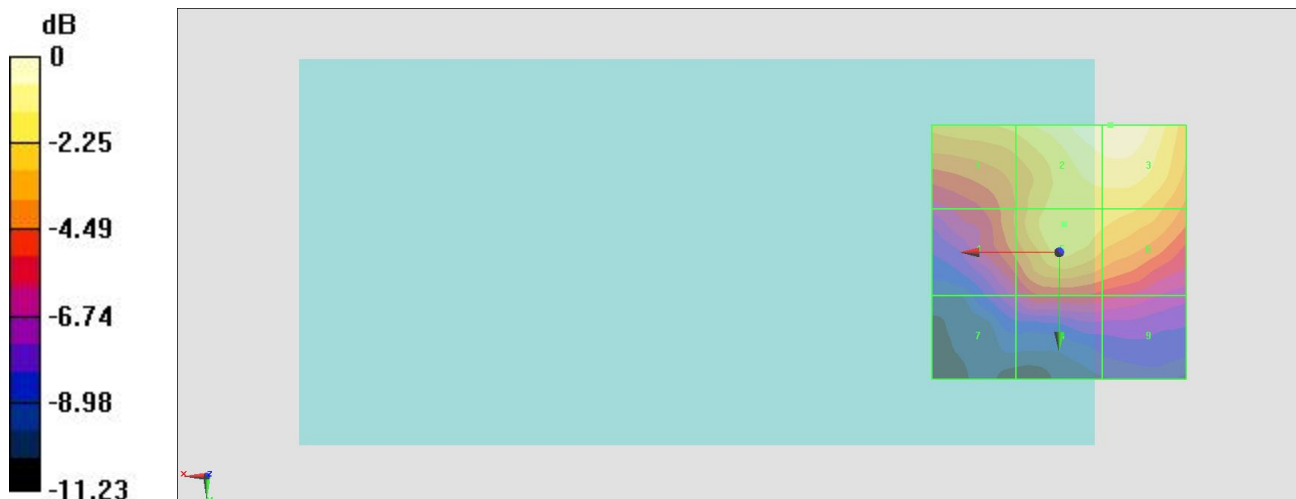
Grid 1 M4 24.26 dBV/m	Grid 2 M4 26.16 dBV/m	Grid 3 M4 26.18 dBV/m
Grid 4 M4 22.59 dBV/m	Grid 5 M4 24.64 dBV/m	Grid 6 M4 24.3 dBV/m
Grid 7 M4 19.75 dBV/m	Grid 8 M4 20.99 dBV/m	Grid 9 M4 20.56 dBV/m

Cursor:

Total = 26.18 dBV/m

E Category: M4

Location: -10, -25, 8.7 mm



0 dB = 20.37 V/m = 26.18 dBV/m

#10_HAC_E_CDMA BC1_1xRTT, RC1 SO3, 18th Rate_Ch25

Communication System: CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1851.25 MHz; Duty Cycle: 1:8.3

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

Ambient Temperature : 23.6 °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 = 20.96 V/m; Power Drift = -0.05 dB

Applied MIF = 3.26 dB

RF audio interference level = 23.76 dBV/m

Emission category: M4

MIF scaled E-field

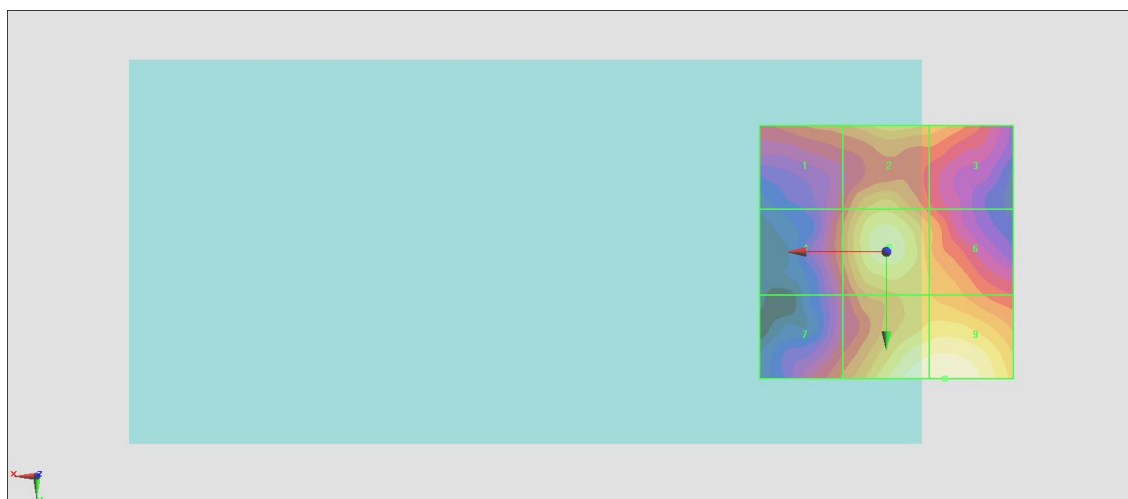
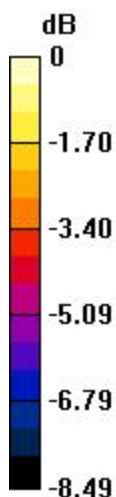
Grid 1 M4 20.79 dBV/m	Grid 2 M4 21.93 dBV/m	Grid 3 M4 21.43 dBV/m
Grid 4 M4 20.56 dBV/m	Grid 5 M4 23.08 dBV/m	Grid 6 M4 21.53 dBV/m
Grid 7 M4 20.52 dBV/m	Grid 8 M4 23.71 dBV/m	Grid 9 M4 23.76 dBV/m

Cursor:

Total = 23.76 dBV/m

E Category: M4

Location: -11.5, 25, 8.7 mm



0 dB = 15.41 V/m = 23.76 dBV/m

#11_HAC_E_CDMA BC1_1xRTT, RC1 SO3, 18th Rate_Ch600

Communication System: CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; 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 : 23.6 °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 = 20.97 V/m; Power Drift = -0.04 dB

Applied MIF = 3.26 dB

RF audio interference level = 23.10 dBV/m

Emission category: M4

MIF scaled E-field

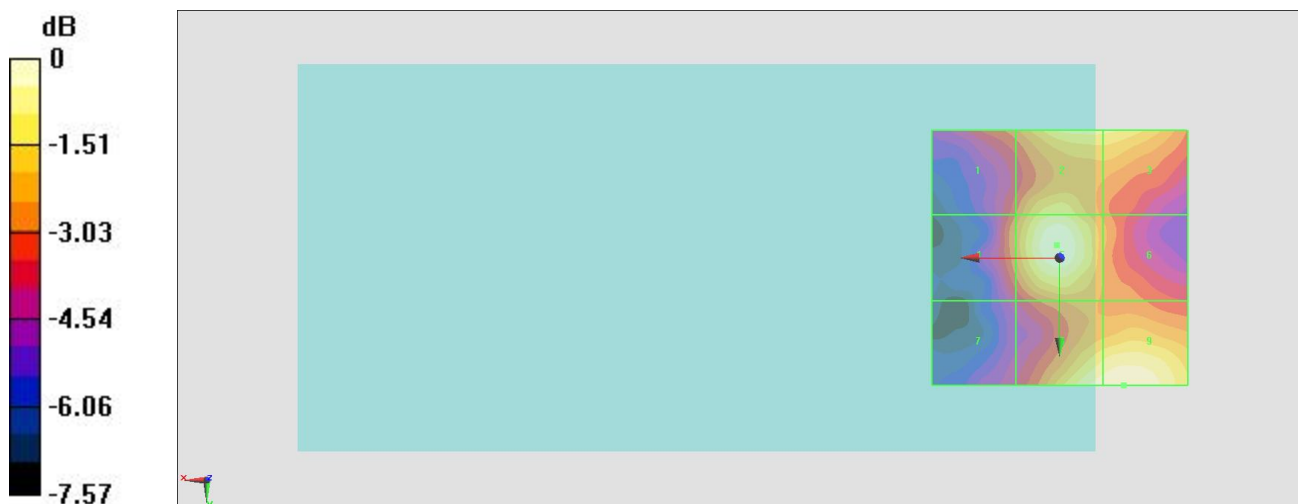
Grid 1 M4 20.5 dBV/m	Grid 2 M4 22.35 dBV/m	Grid 3 M4 22.29 dBV/m
Grid 4 M4 20.77 dBV/m	Grid 5 M4 23.08 dBV/m	Grid 6 M4 20.81 dBV/m
Grid 7 M4 19.08 dBV/m	Grid 8 M4 22.93 dBV/m	Grid 9 M4 23.1 dBV/m

Cursor:

Total = 23.10 dBV/m

E Category: M4

Location: -12.5, 25, 8.7 mm



0 dB = 14.30 V/m = 23.11 dBV/m

#12_HAC_E_CDMA BC1_1xRTT, RC1 SO3, 18th Rate_Ch1175

Communication System: CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1908.75 MHz; Duty Cycle: 1:8.3

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

Ambient Temperature : 23.6 °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 = 21.12 V/m; Power Drift = -0.08 dB

Applied MIF = 3.26 dB

RF audio interference level = 23.43 dBV/m

Emission category: M4

MIF scaled E-field

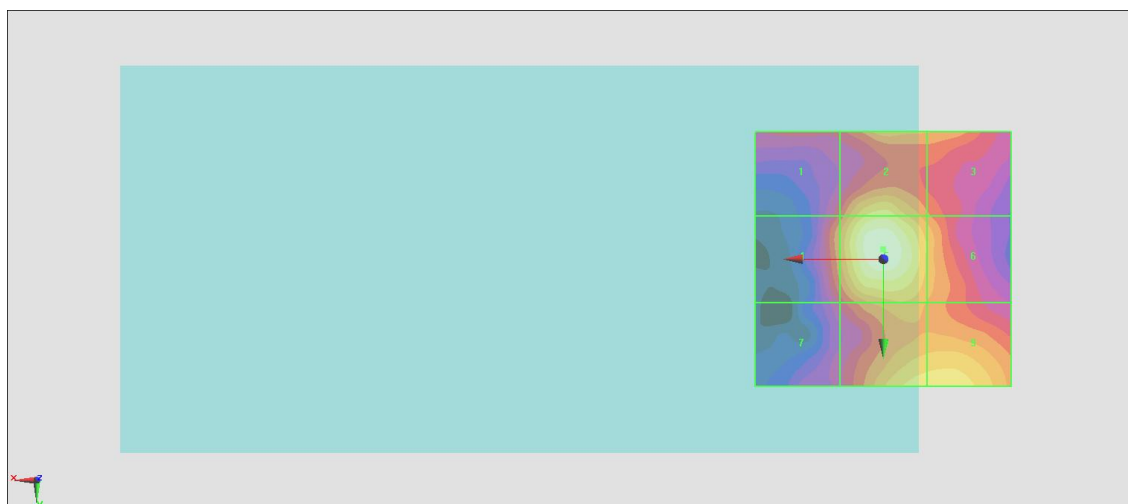
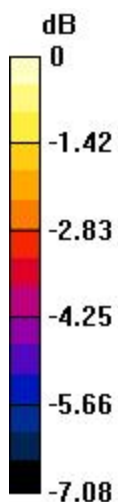
Grid 1 M4 20.25 dBV/m	Grid 2 M4 22.33 dBV/m	Grid 3 M4 21.14 dBV/m
Grid 4 M4 21.12 dBV/m	Grid 5 M4 23.43 dBV/m	Grid 6 M4 21.51 dBV/m
Grid 7 M4 19.82 dBV/m	Grid 8 M4 22.34 dBV/m	Grid 9 M4 22.36 dBV/m

Cursor:

Total = 23.43 dBV/m

E Category: M4

Location: 0, -2, 8.7 mm



0 dB = 14.84 V/m = 23.43 dBV/m