

#01_HAC_E_GSM850_GSM Voice_Ch128

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 824.2 MHz; Duty Cycle: 1:8.6896

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

Ambient Temperature : 23.5 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- 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 52.10 (0); SEMCAD X Version 14.6.10 (7417)

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 = 70.82 V/m; Power Drift = -0.05 dB

Applied MIF = 3.63 dB

RF audio interference level = 38.87 dBV/m

Emission category: M4

MIF scaled E-field

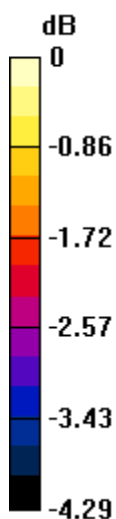
Grid 1 M4 37.68 dBV/m	Grid 2 M4 38.63 dBV/m	Grid 3 M4 38.55 dBV/m
Grid 4 M4 37.85 dBV/m	Grid 5 M4 38.87 dBV/m	Grid 6 M4 38.78 dBV/m
Grid 7 M4 37.61 dBV/m	Grid 8 M4 38.65 dBV/m	Grid 9 M4 38.64 dBV/m

Cursor:

Total = 38.87 dBV/m

E Category: M4

Location: -4.5, 0, 8.7 mm



0 dB = 87.80 V/m = 38.87 dBV/m

#02_HAC_E_GSM850_GSM Voice_Ch189

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 836.4 MHz; Duty Cycle: 1:8.6896

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

Ambient Temperature : 23.5 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- 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 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Device E-Field measurement (E-field scan for ANSI C63.19-2007 & -2011 compliance)/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 = 60.73 V/m; Power Drift = -0.02 dB

Applied MIF = 3.63 dB

RF audio interference level = 37.54 dBV/m

Emission category: M4

MIF scaled E-field

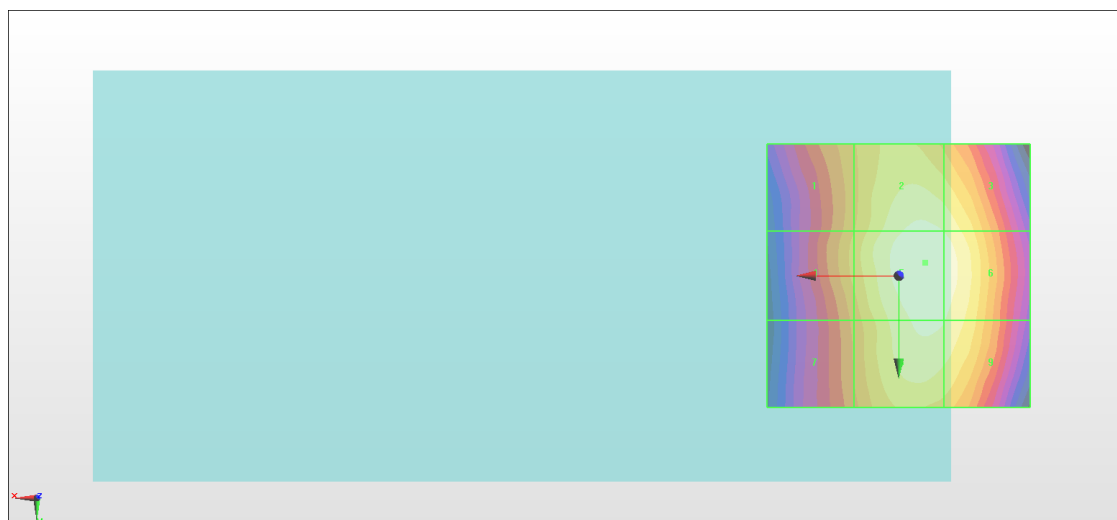
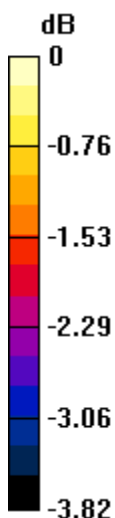
Grid 1 M4 36.52 dBV/m	Grid 2 M4 37.37 dBV/m	Grid 3 M4 37.28 dBV/m
Grid 4 M4 36.64 dBV/m	Grid 5 M4 37.54 dBV/m	Grid 6 M4 37.47 dBV/m
Grid 7 M4 36.36 dBV/m	Grid 8 M4 37.35 dBV/m	Grid 9 M4 37.3 dBV/m

Cursor:

Total = 37.54 dBV/m

E Category: M4

Location: -5, -2.5, 8.7 mm



0 dB = 75.35 V/m = 37.54 dBV/m

#03_HAC_E_GSM850_GSM Voice_Ch251

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 848.8 MHz; Duty Cycle: 1:8.6896

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

Ambient Temperature : 23.5 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- 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 52.10 (0); SEMCAD X Version 14.6.10 (7417)

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 = 52.16 V/m; Power Drift = -0.03 dB

Applied MIF = 3.63 dB

RF audio interference level = 36.34 dBV/m

Emission category: M4

MIF scaled E-field

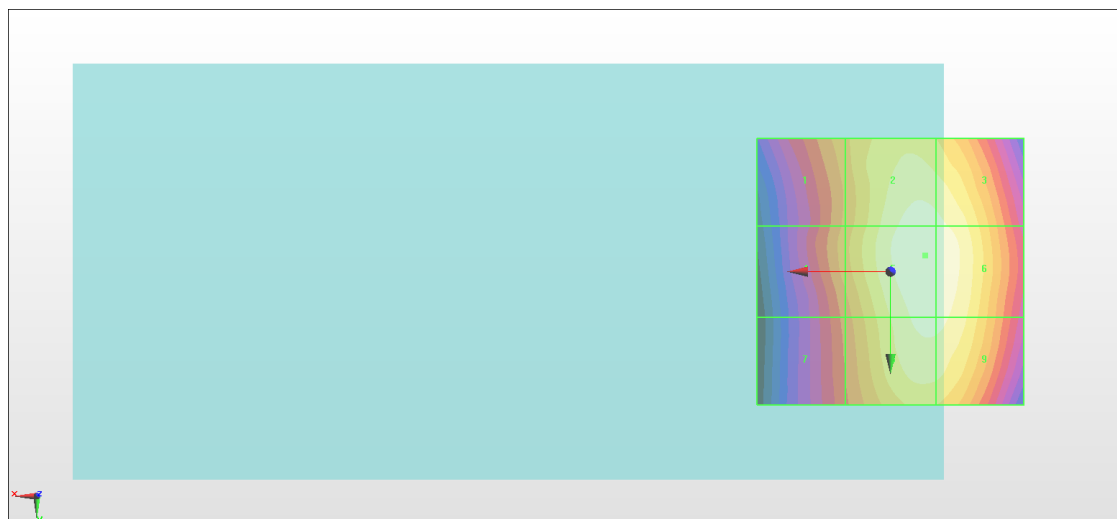
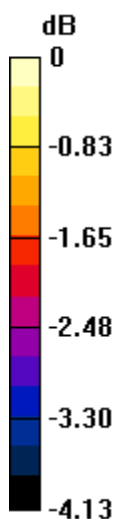
Grid 1 M4 35.19 dBV/m	Grid 2 M4 36.21 dBV/m	Grid 3 M4 36.17 dBV/m
Grid 4 M4 35.15 dBV/m	Grid 5 M4 36.34 dBV/m	Grid 6 M4 36.32 dBV/m
Grid 7 M4 34.81 dBV/m	Grid 8 M4 36.16 dBV/m	Grid 9 M4 36.15 dBV/m

Cursor:

Total = 36.34 dBV/m

E Category: M4

Location: -6.5, -3, 8.7 mm



0 dB = 65.58 V/m = 36.34 dBV/m

#04_HAC_E_GSM1900_GSM Voice_Ch512

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 1850.2 MHz; Duty Cycle: 1:8.6896

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

Ambient Temperature : 23.5 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- 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 52.10 (0); SEMCAD X Version 14.6.10 (7417)

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 = 19.95 V/m; Power Drift = -0.10 dB

Applied MIF = 3.63 dB

RF audio interference level = 29.12 dBV/m

Emission category: M4

MIF scaled E-field

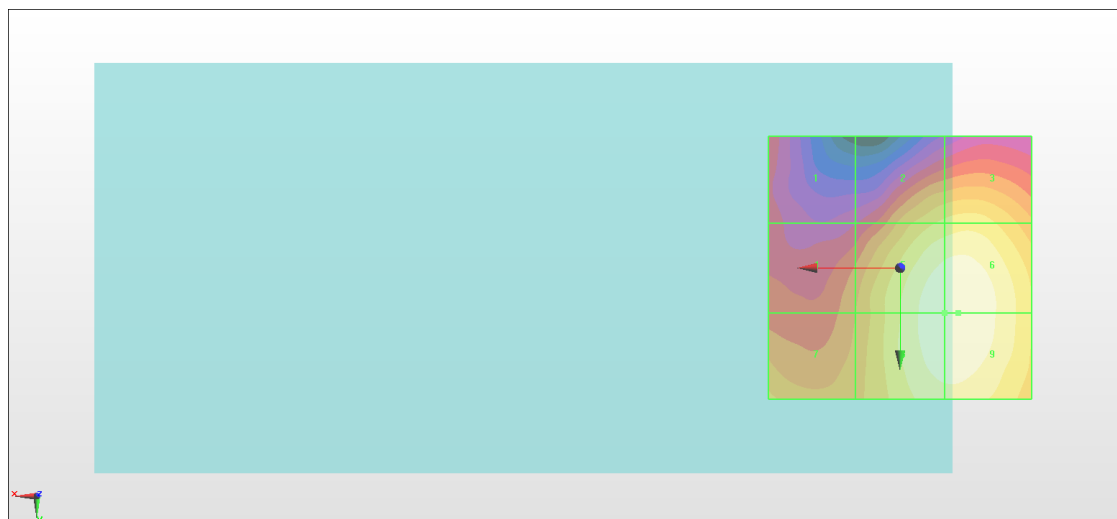
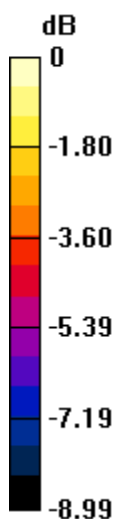
Grid 1 M4 24.93 dBV/m	Grid 2 M4 27.52 dBV/m	Grid 3 M4 27.71 dBV/m
Grid 4 M4 26.12 dBV/m	Grid 5 M4 29.06 dBV/m	Grid 6 M4 29.12 dBV/m
Grid 7 M4 26.94 dBV/m	Grid 8 M4 29.06 dBV/m	Grid 9 M4 29.12 dBV/m

Cursor:

Total = 29.12 dBV/m

E Category: M4

Location: -11, 8.5, 8.7 mm



0 dB = 28.59 V/m = 29.12 dBV/m

#05_HAC_E_GSM1900_GSM Voice_Ch661

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz; Duty Cycle: 1:8.6896

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

Ambient Temperature : 23.5 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- 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 52.10 (0); SEMCAD X Version 14.6.10 (7417)

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 = 19.40 V/m; Power Drift = 0.10 dB

Applied MIF = 3.63 dB

RF audio interference level = 29.10 dBV/m

Emission category: M4

MIF scaled E-field

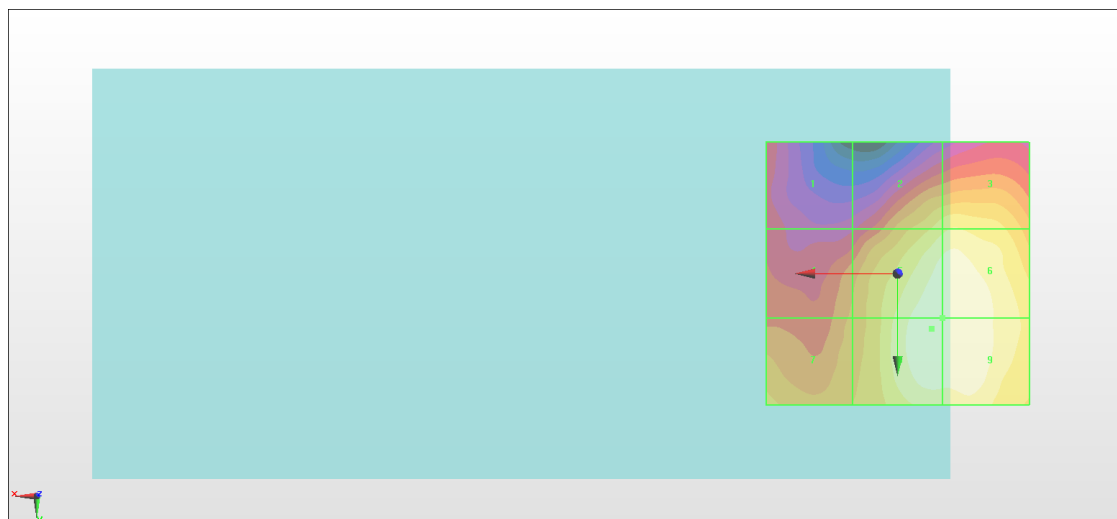
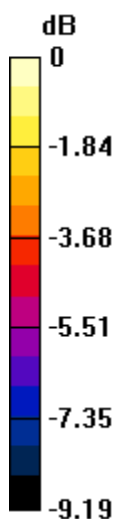
Grid 1 M4 24.87 dBV/m	Grid 2 M4 27.72 dBV/m	Grid 3 M4 27.92 dBV/m
Grid 4 M4 26.22 dBV/m	Grid 5 M4 29.05 dBV/m	Grid 6 M4 29.06 dBV/m
Grid 7 M4 26.97 dBV/m	Grid 8 M4 29.1 dBV/m	Grid 9 M4 29.07 dBV/m

Cursor:

Total = 29.10 dBV/m

E Category: M4

Location: -6.5, 10.5, 8.7 mm



0 dB = 28.50 V/m = 29.10 dBV/m

#06_HAC_E_GSM1900_GSM Voice_Ch810

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 1909.8 MHz; Duty Cycle: 1:8.6896

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

Ambient Temperature : 23.5 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- 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 52.10 (0); SEMCAD X Version 14.6.10 (7417)

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 = 20.42 V/m; Power Drift = -0.17 dB

Applied MIF = 3.63 dB

RF audio interference level = 29.69 dBV/m

Emission category: M4

MIF scaled E-field

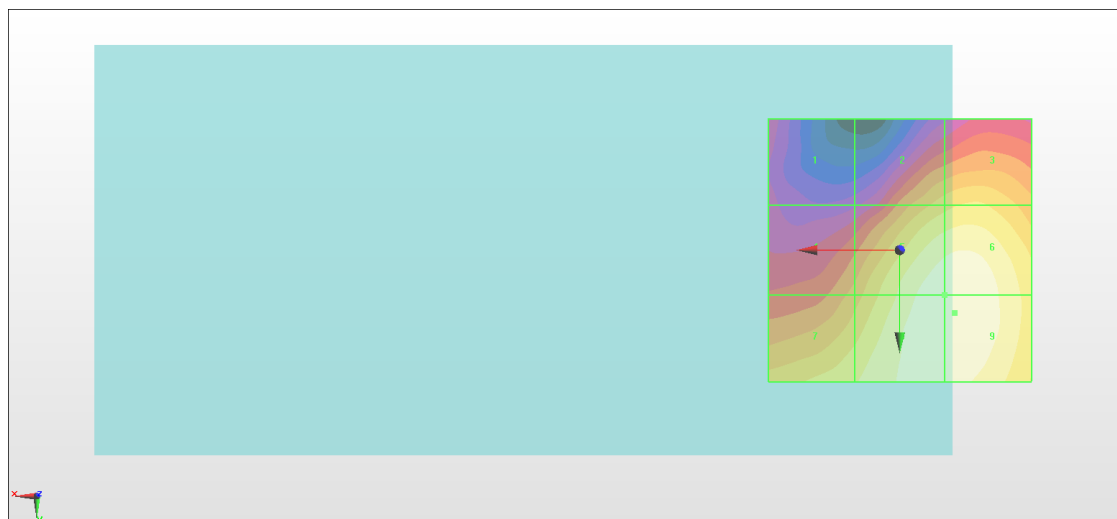
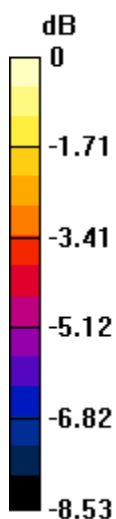
Grid 1 M4 25.12 dBV/m	Grid 2 M4 27.78 dBV/m	Grid 3 M4 28.09 dBV/m
Grid 4 M4 27.14 dBV/m	Grid 5 M4 29.58 dBV/m	Grid 6 M4 29.63 dBV/m
Grid 7 M4 28.5 dBV/m	Grid 8 M4 29.66 dBV/m	Grid 9 M4 29.69 dBV/m

Cursor:

Total = 29.69 dBV/m

E Category: M4

Location: -10.5, 12, 8.7 mm



0 dB = 30.50 V/m = 29.69 dBV/m

#07_HAC_E_LTE Band 38_20M_QPSK_1_0_Ch37850

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 2580 MHz; Duty Cycle: 1:8.33681

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

Ambient Temperature : 23.5 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- 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 52.10 (0); SEMCAD X Version 14.6.10 (7417)

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 = 10.36 V/m; Power Drift = -0.15 dB

Applied MIF = -1.62 dB

RF audio interference level = 20.45 dBV/m

Emission category: M4

MIF scaled E-field

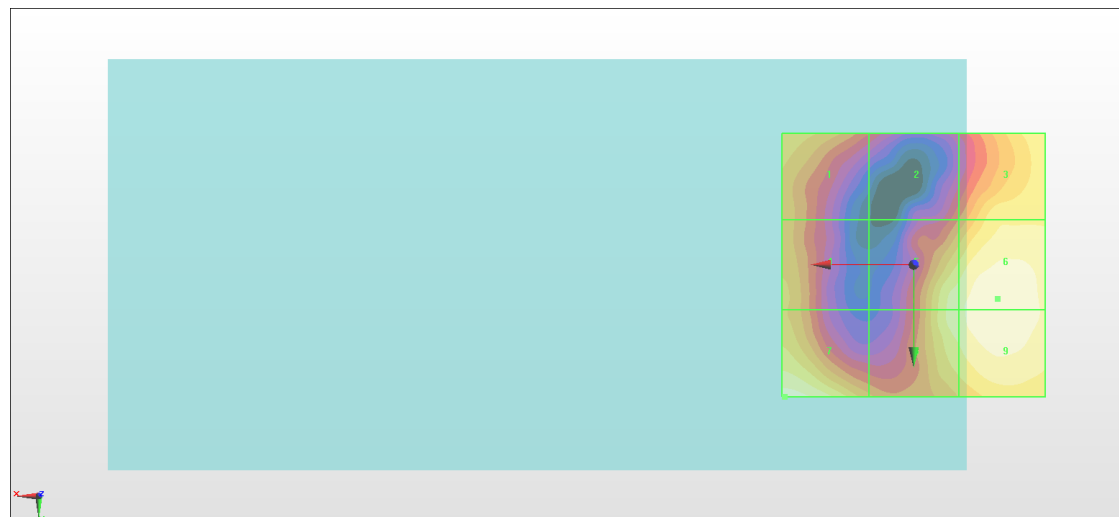
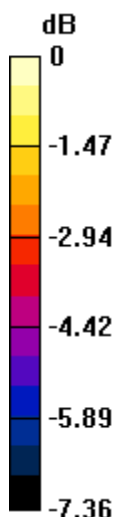
Grid 1 M4 18.87 dBV/m	Grid 2 M4 17.54 dBV/m	Grid 3 M4 19.44 dBV/m
Grid 4 M4 18.63 dBV/m	Grid 5 M4 19.82 dBV/m	Grid 6 M4 20.45 dBV/m
Grid 7 M4 20.25 dBV/m	Grid 8 M4 19.81 dBV/m	Grid 9 M4 20.44 dBV/m

Cursor:

Total = 20.45 dBV/m

E Category: M4

Location: -16, 6.5, 8.7 mm



0 dB = 10.53 V/m = 20.45 dBV/m

#08_HAC_E_LTE Band 38_20M_QPSK_1_0_Ch38000

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 2595 MHz; Duty Cycle: 1:8.33681

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

Ambient Temperature : 23.5 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- 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 52.10 (0); SEMCAD X Version 14.6.10 (7417)

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 = 12.80 V/m; Power Drift = 0.12 dB

Applied MIF = -1.62 dB

RF audio interference level = 21.37 dBV/m

Emission category: M4

MIF scaled E-field

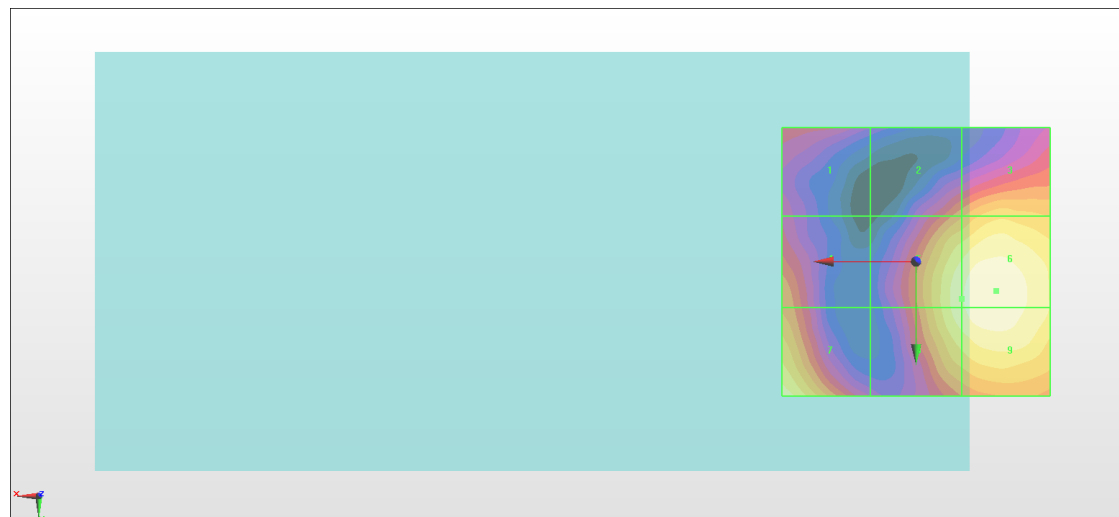
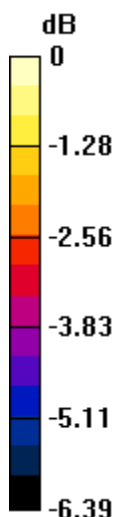
Grid 1 M4 18.25 dBV/m	Grid 2 M4 19.18 dBV/m	Grid 3 M4 20 dBV/m
Grid 4 M4 19.25 dBV/m	Grid 5 M4 20.89 dBV/m	Grid 6 M4 21.37 dBV/m
Grid 7 M4 20.8 dBV/m	Grid 8 M4 20.86 dBV/m	Grid 9 M4 21.27 dBV/m

Cursor:

Total = 21.37 dBV/m

E Category: M4

Location: -15, 5.5, 8.7 mm



0 dB = 11.71 V/m = 21.37 dBV/m

#09_HAC_E_LTE Band 38_20M_QPSK_1_0_Ch38150

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 2610 MHz; Duty Cycle: 1:8.33681

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

Ambient Temperature : 23.5 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- 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 52.10 (0); SEMCAD X Version 14.6.10 (7417)

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 = 10.07 V/m; Power Drift = 0.03 dB

Applied MIF = -1.62 dB

RF audio interference level = 19.96 dBV/m

Emission category: M4

MIF scaled E-field

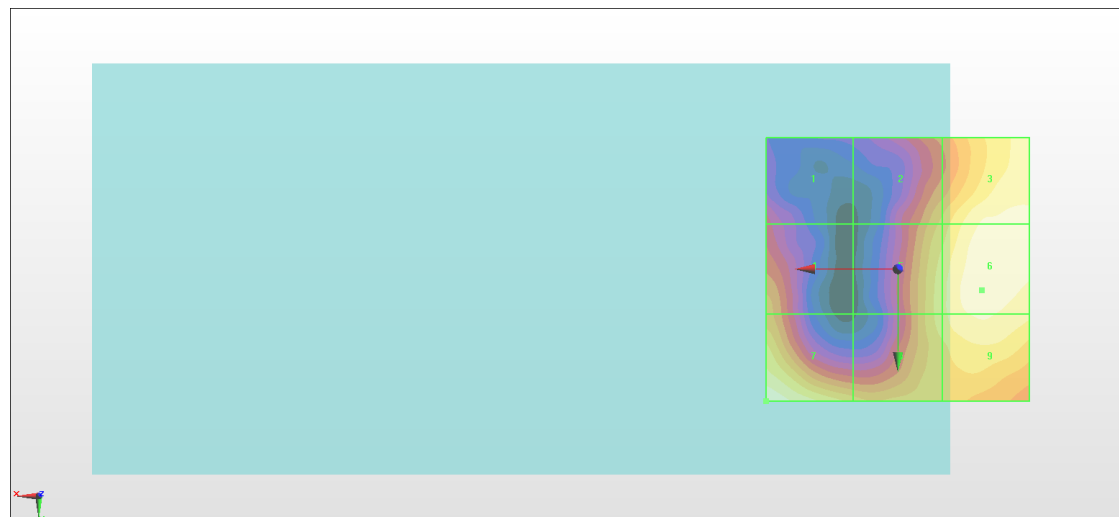
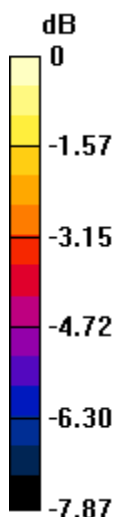
Grid 1 M4 16.09 dBV/m	Grid 2 M4 18.09 dBV/m	Grid 3 M4 19.6 dBV/m
Grid 4 M4 17.6 dBV/m	Grid 5 M4 18.78 dBV/m	Grid 6 M4 19.85 dBV/m
Grid 7 M4 19.96 dBV/m	Grid 8 M4 18.74 dBV/m	Grid 9 M4 19.54 dBV/m

Cursor:

Total = 19.96 dBV/m

E Category: M4

Location: 25, 25, 8.7 mm



0 dB = 9.959 V/m = 19.96 dBV/m

#10_HAC_E_LTE Band 41_20M_QPSK_1_0_Ch39750

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 2506 MHz; Duty Cycle: 1:8.33681

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

Ambient Temperature : 23.5 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- 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 52.10 (0); SEMCAD X Version 14.6.10 (7417)

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 = 12.17 V/m; Power Drift = -0.17 dB

Applied MIF = -1.62 dB

RF audio interference level = 21.71 dBV/m

Emission category: M4

MIF scaled E-field

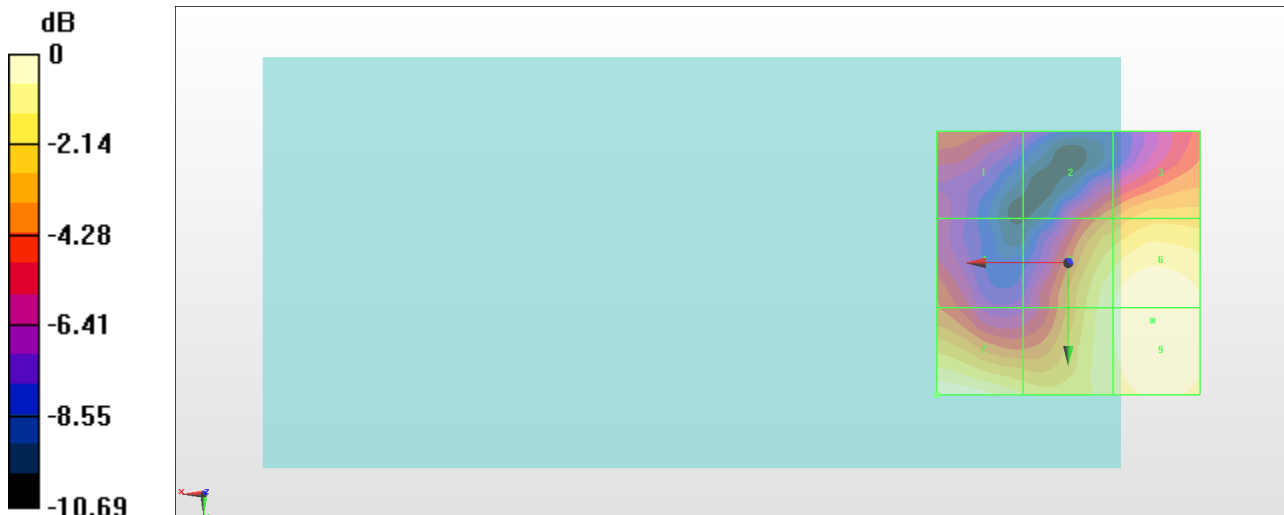
Grid 1 M4 17.53 dBV/m	Grid 2 M4 18.18 dBV/m	Grid 3 M4 19.37 dBV/m
Grid 4 M4 17.53 dBV/m	Grid 5 M4 20.98 dBV/m	Grid 6 M4 21.67 dBV/m
Grid 7 M4 21.66 dBV/m	Grid 8 M4 21.04 dBV/m	Grid 9 M4 21.71 dBV/m

Cursor:

Total = 21.71 dBV/m

E Category: M4

Location: -16, 11, 8.7 mm



0 dB = 12.17 V/m = 21.71 dBV/m

#11_HAC_E_LTE Band 41_20M_QPSK_1_0_Ch40185

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 2549.5 MHz; Duty Cycle: 1:8.33681

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

Ambient Temperature : 23.5 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- 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 52.10 (0); SEMCAD X Version 14.6.10 (7417)

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 = 9.622 V/m; Power Drift = 0.05 dB

Applied MIF = -1.62 dB

RF audio interference level = 21.52 dBV/m

Emission category: M4

MIF scaled E-field

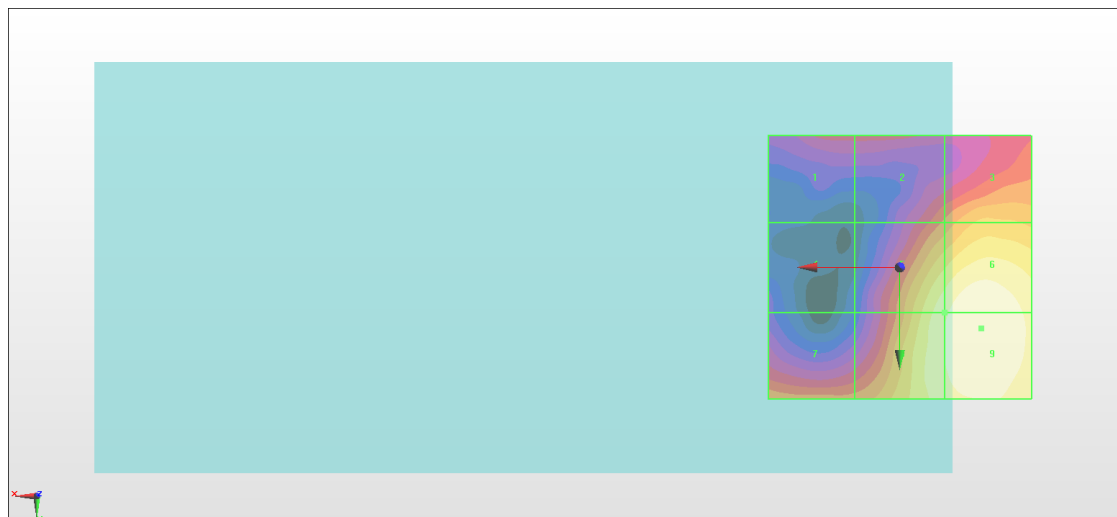
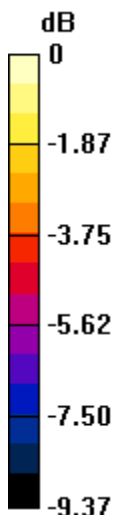
Grid 1 M4 16.82 dBV/m	Grid 2 M4 17.95 dBV/m	Grid 3 M4 19.21 dBV/m
Grid 4 M4 14.98 dBV/m	Grid 5 M4 20.75 dBV/m	Grid 6 M4 21.45 dBV/m
Grid 7 M4 18.46 dBV/m	Grid 8 M4 20.91 dBV/m	Grid 9 M4 21.52 dBV/m

Cursor:

Total = 21.52 dBV/m

E Category: M4

Location: -15.5, 11.5, 8.7 mm



0 dB = 11.91 V/m = 21.52 dBV/m

#12_HAC_E_LTE Band 41_20M_QPSK_1_0_Ch40620

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 2593 MHz; Duty Cycle: 1:8.33681

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

Ambient Temperature : 23.5 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- 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 52.10 (0); SEMCAD X Version 14.6.10 (7417)

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 = 12.79 V/m; Power Drift = 0.08 dB

Applied MIF = -1.62 dB

RF audio interference level = 21.28 dBV/m

Emission category: M4

MIF scaled E-field

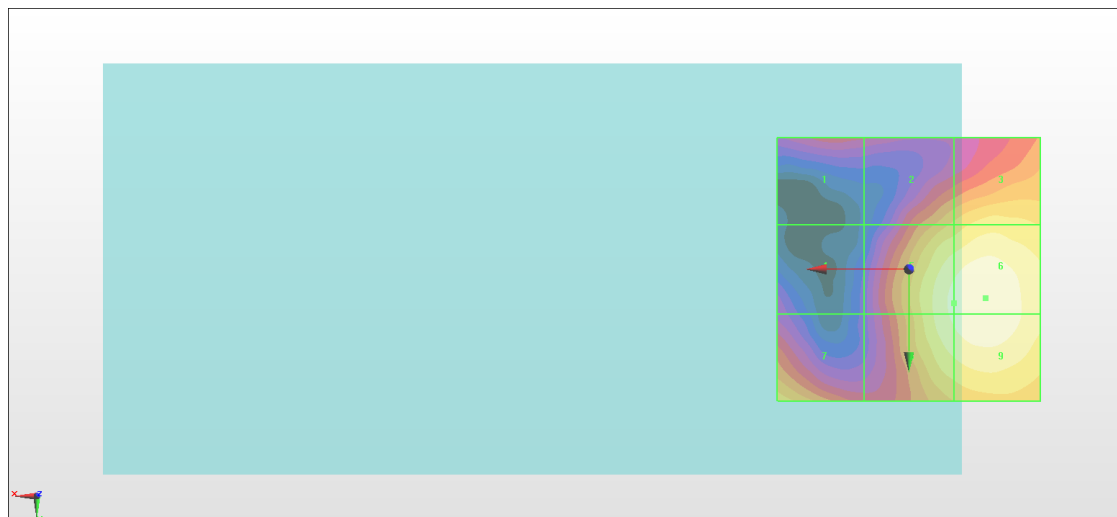
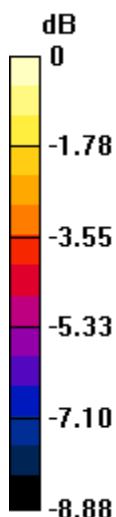
Grid 1 M4 17.06 dBV/m	Grid 2 M4 19.08 dBV/m	Grid 3 M4 19.85 dBV/m
Grid 4 M4 15.87 dBV/m	Grid 5 M4 20.86 dBV/m	Grid 6 M4 21.28 dBV/m
Grid 7 M4 19.35 dBV/m	Grid 8 M4 20.81 dBV/m	Grid 9 M4 21.18 dBV/m

Cursor:

Total = 21.28 dBV/m

E Category: M4

Location: -14.5, 5.5, 8.7 mm



0 dB = 11.59 V/m = 21.28 dBV/m

#13_HAC_E_LTE Band 41_20M_QPSK_1_0_Ch41055

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 2636.5 MHz; Duty Cycle: 1:8.33681

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

Ambient Temperature : 23.5 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- 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 52.10 (0); SEMCAD X Version 14.6.10 (7417)

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 = 11.47 V/m; Power Drift = -0.01 dB

Applied MIF = -1.62 dB

RF audio interference level = 21.84 dBV/m

Emission category: M4

MIF scaled E-field

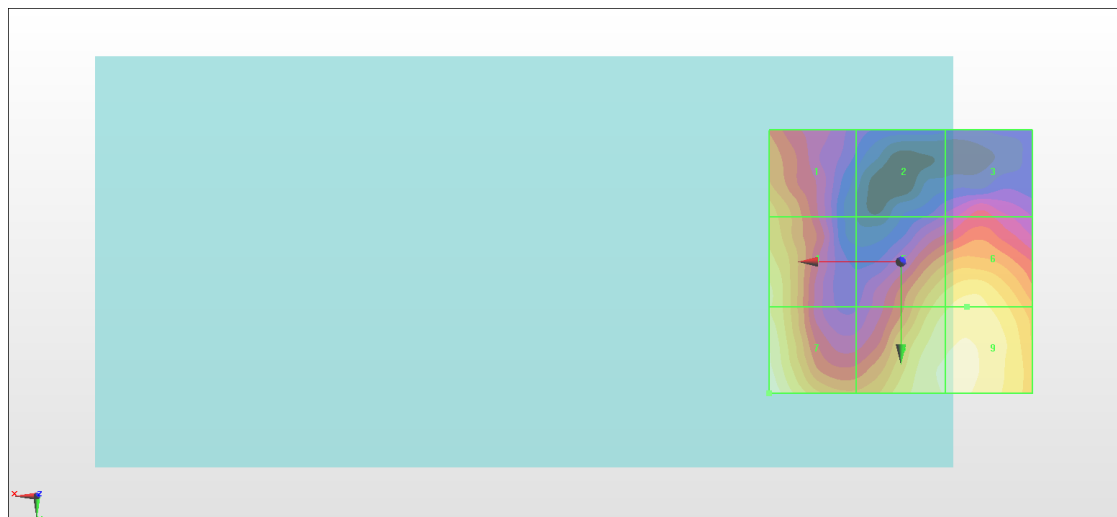
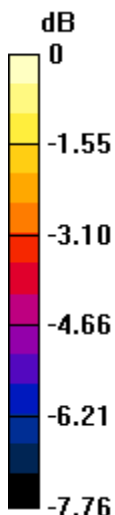
Grid 1 M4 20.09 dBV/m	Grid 2 M4 16.91 dBV/m	Grid 3 M4 18.04 dBV/m
Grid 4 M4 20.94 dBV/m	Grid 5 M4 20.72 dBV/m	Grid 6 M4 21.02 dBV/m
Grid 7 M4 21.84 dBV/m	Grid 8 M4 21.4 dBV/m	Grid 9 M4 21.44 dBV/m

Cursor:

Total = 21.84 dBV/m

E Category: M4

Location: 25, 25, 8.7 mm



0 dB = 12.36 V/m = 21.84 dBV/m

#14_HAC_E_LTE Band 41_20M_QPSK_1_0_Ch41490

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 2680 MHz; Duty Cycle: 1:8.33681

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

Ambient Temperature : 23.5 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- 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 52.10 (0); SEMCAD X Version 14.6.10 (7417)

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 = 11.88 V/m; Power Drift = 0.06 dB

Applied MIF = -1.62 dB

RF audio interference level = 22.10 dBV/m

Emission category: M4

MIF scaled E-field

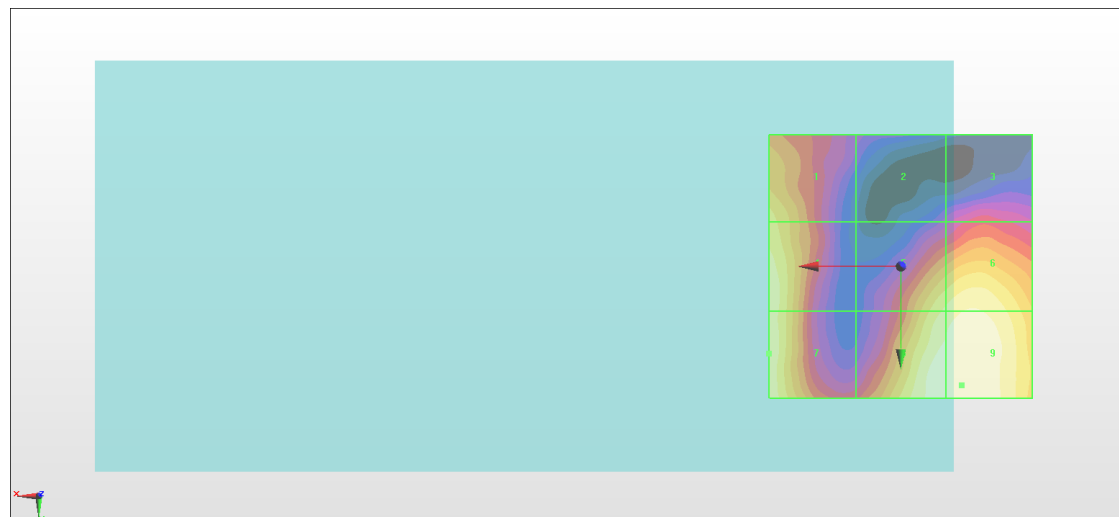
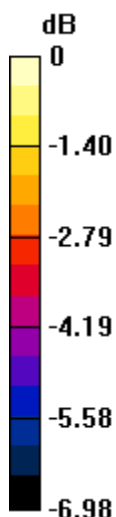
Grid 1 M4 20.93 dBV/m	Grid 2 M4 17.71 dBV/m	Grid 3 M4 18.74 dBV/m
Grid 4 M4 21.55 dBV/m	Grid 5 M4 21.28 dBV/m	Grid 6 M4 21.68 dBV/m
Grid 7 M4 21.65 dBV/m	Grid 8 M4 22.01 dBV/m	Grid 9 M4 22.1 dBV/m

Cursor:

Total = 22.10 dBV/m

E Category: M4

Location: -11.5, 22.5, 8.7 mm



0 dB = 12.73 V/m = 22.10 dBV/m

#15_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: 1:17.7419

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

Ambient Temperature : 23.5 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- 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 52.10 (0); SEMCAD X Version 14.6.10 (7417)

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 = 25.18 V/m; Power Drift = -0.13 dB

Applied MIF = 3.26 dB

RF audio interference level = 29.42 dBV/m

Emission category: M4

MIF scaled E-field

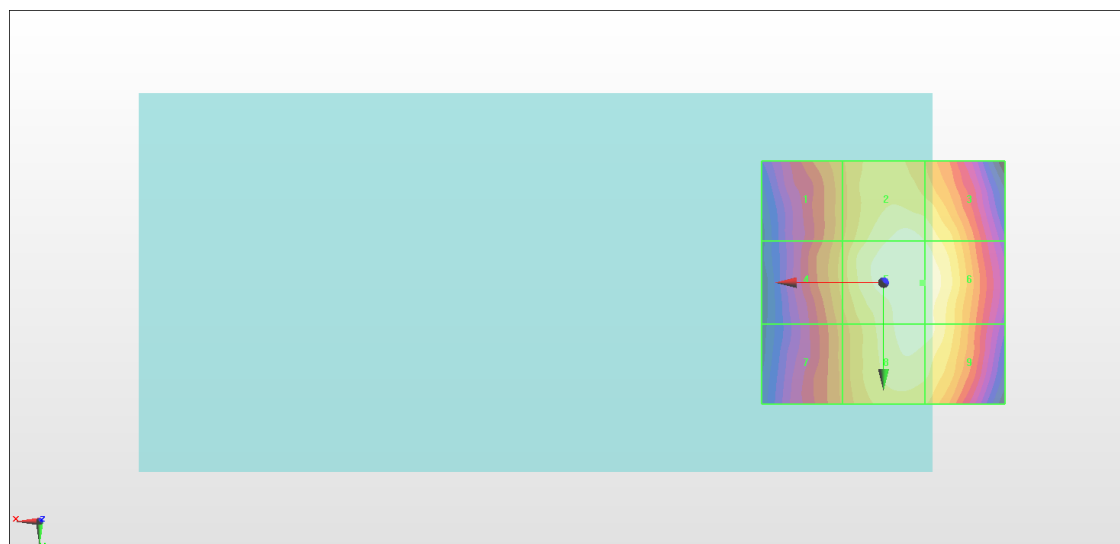
Grid 1 M4 28.42 dBV/m	Grid 2 M4 29.29 dBV/m	Grid 3 M4 29.17 dBV/m
Grid 4 M4 28.56 dBV/m	Grid 5 M4 29.42 dBV/m	Grid 6 M4 29.41 dBV/m
Grid 7 M4 28.32 dBV/m	Grid 8 M4 29.32 dBV/m	Grid 9 M4 29.3 dBV/m

Cursor:

Total = 29.42 dBV/m

E Category: M4

Location: -8, 0, 8.7 mm



0 dB = 29.57 V/m = 29.42 dBV/m

#16_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: 1:17.7419

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

Ambient Temperature : 23.5 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- 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 52.10 (0); SEMCAD X Version 14.6.10 (7417)

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 = 22.90 V/m; Power Drift = 0.01 dB

Applied MIF = 3.26 dB

RF audio interference level = 28.73 dBV/m

Emission category: M4

MIF scaled E-field

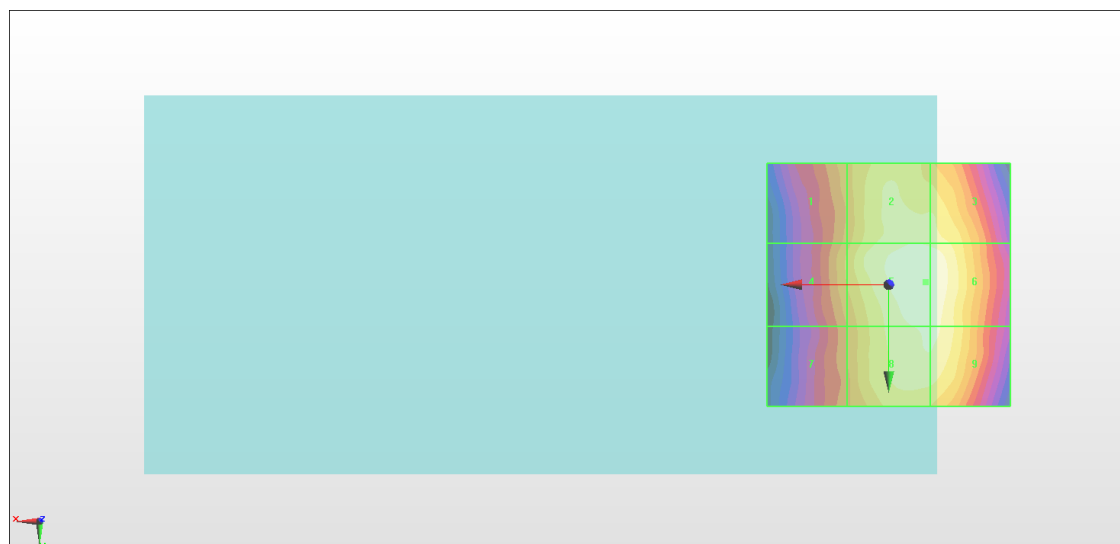
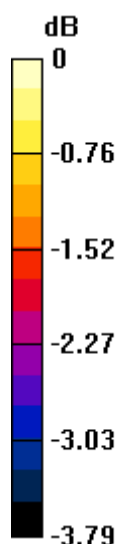
Grid 1 M4 27.65 dBV/m	Grid 2 M4 28.48 dBV/m	Grid 3 M4 28.43 dBV/m
Grid 4 M4 27.79 dBV/m	Grid 5 M4 28.73 dBV/m	Grid 6 M4 28.72 dBV/m
Grid 7 M4 27.49 dBV/m	Grid 8 M4 28.56 dBV/m	Grid 9 M4 28.56 dBV/m

Cursor:

Total = 28.73 dBV/m

E Category: M4

Location: -7.5, -0.5, 8.7 mm



0 dB = 27.32 V/m = 28.73 dBV/m

#17_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: 1:17.7419

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

Ambient Temperature : 23.5 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- 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 52.10 (0); SEMCAD X Version 14.6.10 (7417)

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 = 19.24 V/m; Power Drift = 0.09 dB

Applied MIF = 3.26 dB

RF audio interference level = 27.43 dBV/m

Emission category: M4

MIF scaled E-field

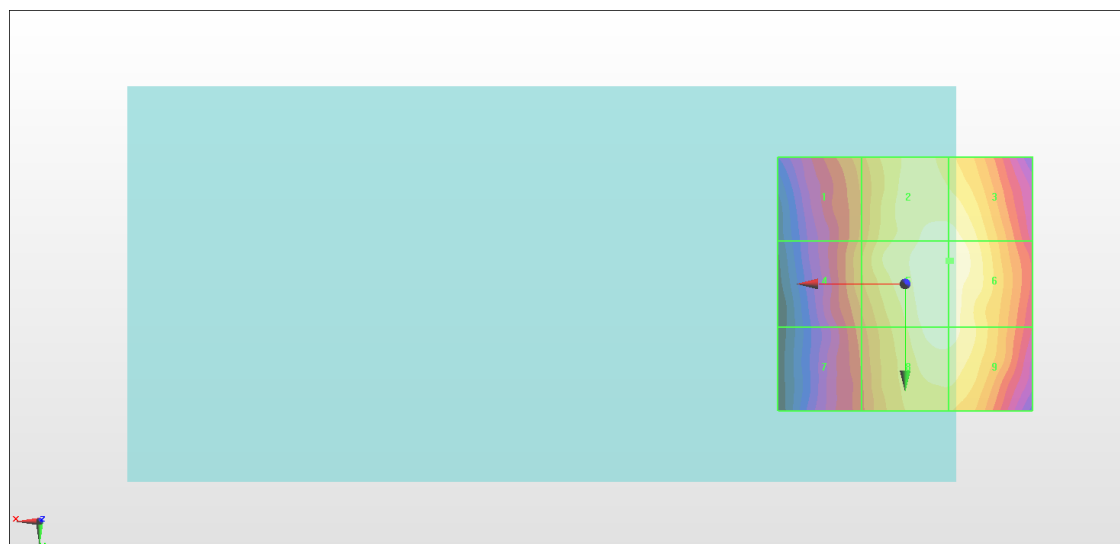
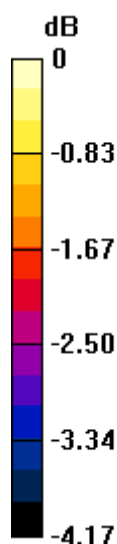
Grid 1 M4 26.25 dBV/m	Grid 2 M4 27.3 dBV/m	Grid 3 M4 27.3 dBV/m
Grid 4 M4 26.32 dBV/m	Grid 5 M4 27.43 dBV/m	Grid 6 M4 27.43 dBV/m
Grid 7 M4 25.95 dBV/m	Grid 8 M4 27.3 dBV/m	Grid 9 M4 27.28 dBV/m

Cursor:

Total = 27.43 dBV/m

E Category: M4

Location: -9, -4.5, 8.7 mm



0 dB = 23.53 V/m = 27.43 dBV/m

#18_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: 1:17.7419

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

Ambient Temperature : 23.5 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- 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 52.10 (0); SEMCAD X Version 14.6.10 (7417)

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 = 9.423 V/m; Power Drift = 0.12 dB

Applied MIF = 3.26 dB

RF audio interference level = 22.95 dBV/m

Emission category: M4

MIF scaled E-field

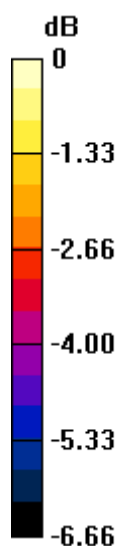
Grid 1 M4 18.67 dBV/m	Grid 2 M4 21.75 dBV/m	Grid 3 M4 22.23 dBV/m
Grid 4 M4 20.25 dBV/m	Grid 5 M4 22.83 dBV/m	Grid 6 M4 22.94 dBV/m
Grid 7 M4 21.73 dBV/m	Grid 8 M4 22.84 dBV/m	Grid 9 M4 22.95 dBV/m

Cursor:

Total = 22.95 dBV/m

E Category: M4

Location: -11, 9.5, 8.7 mm



0 dB = 14.05 V/m = 22.95 dBV/m

#19_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: 1:17.7419

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

Ambient Temperature : 23.5 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- 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 52.10 (0); SEMCAD X Version 14.6.10 (7417)

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 = 10.35 V/m; Power Drift = -0.10 dB

Applied MIF = 3.26 dB

RF audio interference level = 23.14 dBV/m

Emission category: M4

MIF scaled E-field

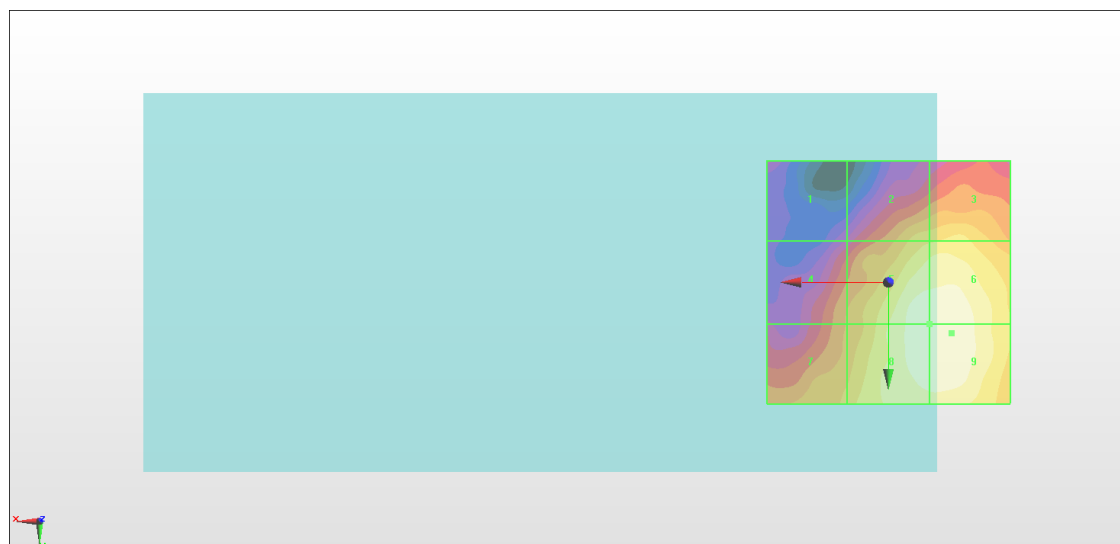
Grid 1 M4 18.7 dBV/m	Grid 2 M4 21.48 dBV/m	Grid 3 M4 21.75 dBV/m
Grid 4 M4 20.56 dBV/m	Grid 5 M4 23.05 dBV/m	Grid 6 M4 23.11 dBV/m
Grid 7 M4 21.21 dBV/m	Grid 8 M4 23.07 dBV/m	Grid 9 M4 23.14 dBV/m

Cursor:

Total = 23.14 dBV/m

E Category: M4

Location: -13, 10.5, 8.7 mm



0 dB = 14.36 V/m = 23.14 dBV/m

#20_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: 1:17.7419

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

Ambient Temperature : 23.5 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- 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 52.10 (0); SEMCAD X Version 14.6.10 (7417)

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 = 9.892 V/m; Power Drift = -0.00 dB

Applied MIF = 3.26 dB

RF audio interference level = 23.23 dBV/m

Emission category: M4

MIF scaled E-field

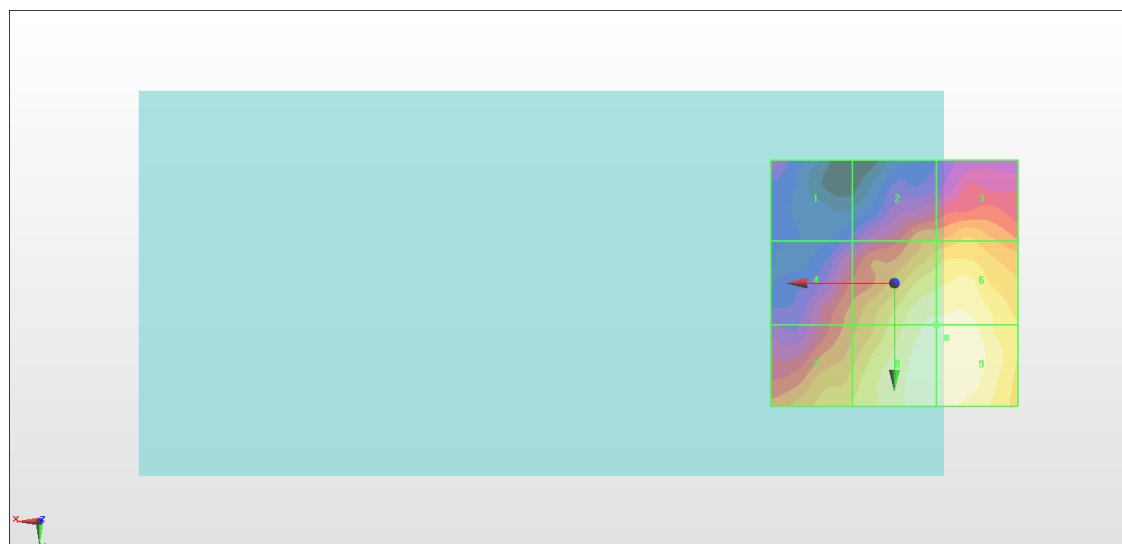
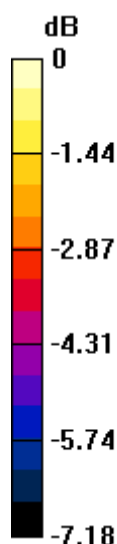
Grid 1 M4 19.2 dBV/m	Grid 2 M4 20.92 dBV/m	Grid 3 M4 21.42 dBV/m
Grid 4 M4 20.69 dBV/m	Grid 5 M4 23 dBV/m	Grid 6 M4 23.09 dBV/m
Grid 7 M4 21.88 dBV/m	Grid 8 M4 23.14 dBV/m	Grid 9 M4 23.23 dBV/m

Cursor:

Total = 23.23 dBV/m

E Category: M4

Location: -10.5, 11, 8.7 mm



0 dB = 14.51 V/m = 23.23 dBV/m

#21_HAC_E_CDMA BC10_ 1xRTT, RC1 SO3, 18th Rate_Ch476

Communication System: CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 817.9 MHz; Duty Cycle: 1:17.7419

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

Ambient Temperature : 23.5 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- 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 52.10 (0); SEMCAD X Version 14.6.10 (7417)

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 = 24.24 V/m; Power Drift = -0.07 dB

Applied MIF = 3.26 dB

RF audio interference level = 29.17 dBV/m

Emission category: M4

MIF scaled E-field

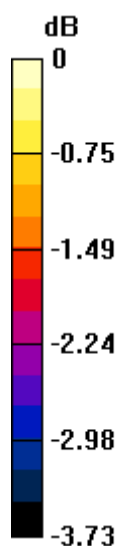
Grid 1 M4 28.14 dBV/m	Grid 2 M4 29 dBV/m	Grid 3 M4 28.91 dBV/m
Grid 4 M4 28.33 dBV/m	Grid 5 M4 29.17 dBV/m	Grid 6 M4 29.11 dBV/m
Grid 7 M4 28.19 dBV/m	Grid 8 M4 29.1 dBV/m	Grid 9 M4 29.08 dBV/m

Cursor:

Total = 29.17 dBV/m

E Category: M4

Location: -5.5, 4.5, 8.7 mm



0 dB = 28.75 V/m = 29.17 dBV/m

#22_HAC_E_CDMA BC10_ 1xRTT, RC1 SO3, 18th Rate_Ch580

Communication System: CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 820.5 MHz; Duty Cycle: 1:17.7419

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

Ambient Temperature : 23.5 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- 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 52.10 (0); SEMCAD X Version 14.6.10 (7417)

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 = 24.58 V/m; Power Drift = -0.01 dB

Applied MIF = 3.26 dB

RF audio interference level = 29.32 dBV/m

Emission category: M4

MIF scaled E-field

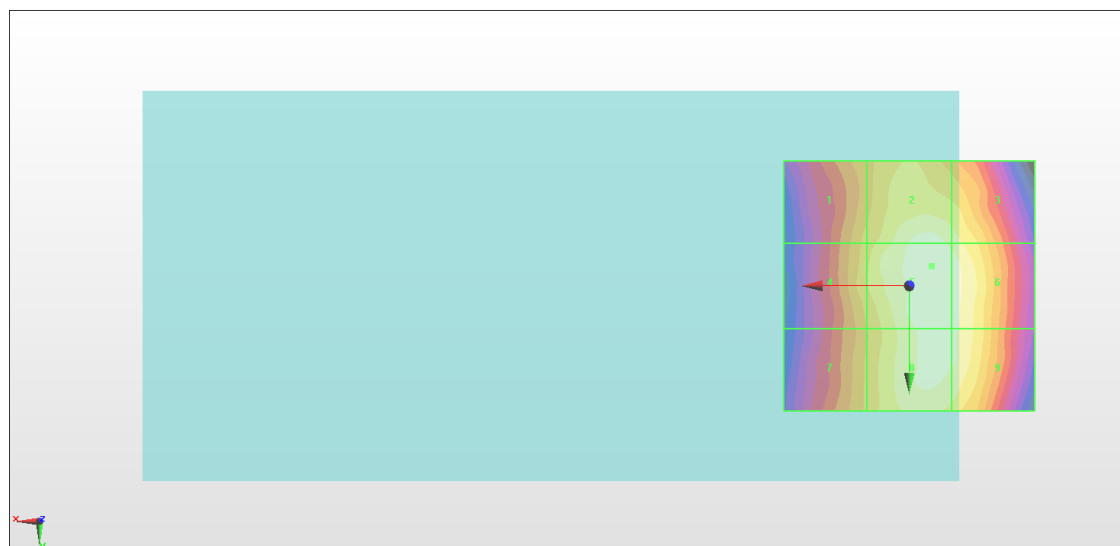
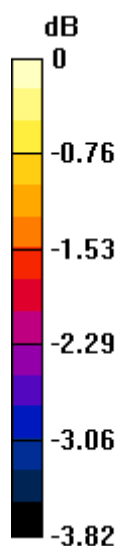
Grid 1 M4 28.41 dBV/m	Grid 2 M4 29.17 dBV/m	Grid 3 M4 28.98 dBV/m
Grid 4 M4 28.54 dBV/m	Grid 5 M4 29.32 dBV/m	Grid 6 M4 29.2 dBV/m
Grid 7 M4 28.36 dBV/m	Grid 8 M4 29.21 dBV/m	Grid 9 M4 29.14 dBV/m

Cursor:

Total = 29.32 dBV/m

E Category: M4

Location: -4.5, -4, 8.7 mm



0 dB = 29.23 V/m = 29.32 dBV/m

#23_HAC_E_CDMA BC10_ 1xRTT, RC1 SO3, 18th Rate_Ch684

Communication System: CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 823.1 MHz; Duty Cycle: 1:17.7419

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

Ambient Temperature : 23.5 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- 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 52.10 (0); SEMCAD X Version 14.6.10 (7417)

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 = 24.45 V/m; Power Drift = 0.08 dB

Applied MIF = 3.26 dB

RF audio interference level = 29.29 dBV/m

Emission category: M4

MIF scaled E-field

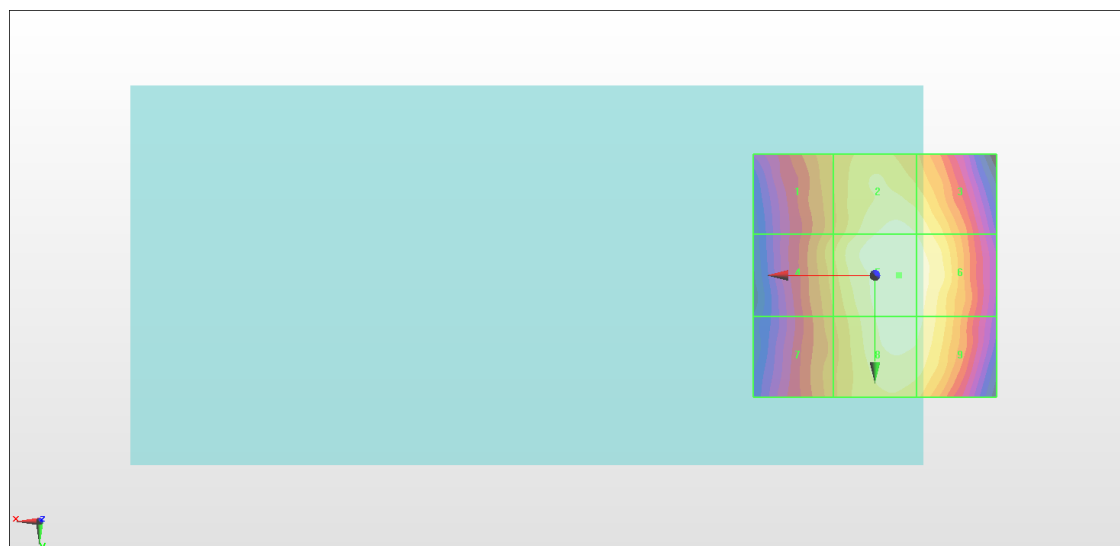
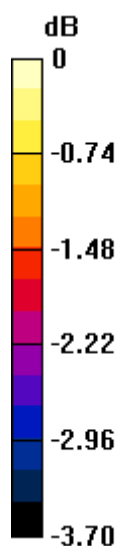
Grid 1 M4 28.34 dBV/m	Grid 2 M4 29.16 dBV/m	Grid 3 M4 29.04 dBV/m
Grid 4 M4 28.52 dBV/m	Grid 5 M4 29.29 dBV/m	Grid 6 M4 29.21 dBV/m
Grid 7 M4 28.29 dBV/m	Grid 8 M4 29.21 dBV/m	Grid 9 M4 29.13 dBV/m

Cursor:

Total = 29.29 dBV/m

E Category: M4

Location: -5, 0, 8.7 mm



0 dB = 29.14 V/m = 29.29 dBV/m