

#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 : 23.6 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 824.2 MHz; Calibrated: 2019/1/30
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn853; Calibrated: 2018/7/24
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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 = 47.01 V/m; Power Drift = 0.03 dB

Applied MIF = 3.63 dB

RF audio interference level = 34.52 dBV/m

Emission category: M4

MIF scaled E-field

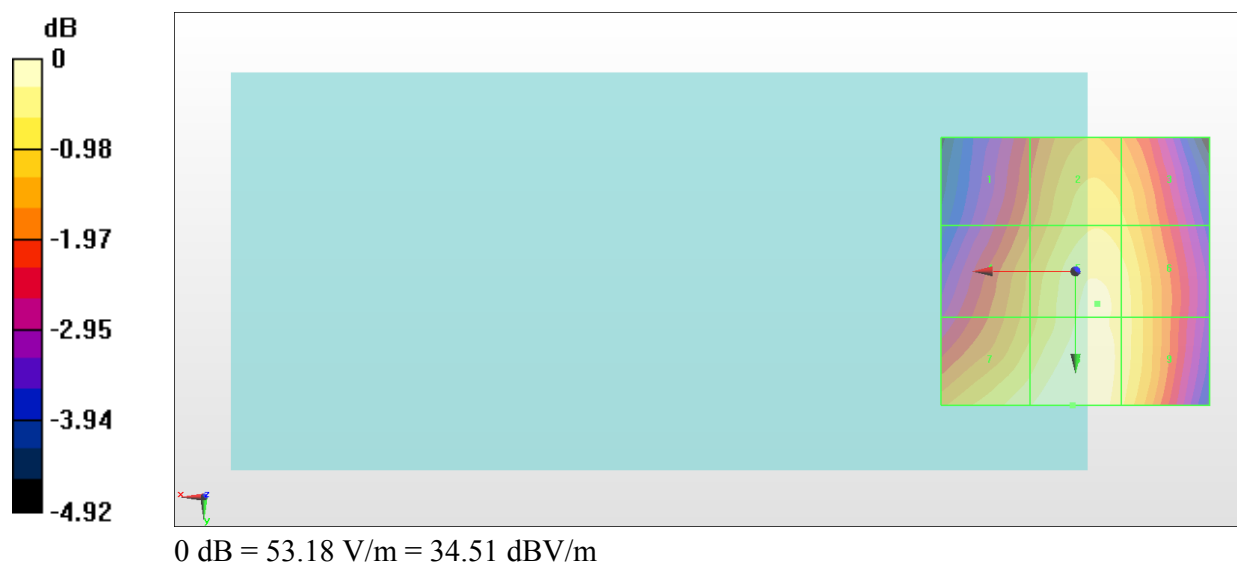
Grid 1 M4 32.8 dBV/m	Grid 2 M4 33.84 dBV/m	Grid 3 M4 33.65 dBV/m
Grid 4 M4 33.39 dBV/m	Grid 5 M4 34.28 dBV/m	Grid 6 M4 34.07 dBV/m
Grid 7 M4 34.17 dBV/m	Grid 8 M4 34.52 dBV/m	Grid 9 M4 34.09 dBV/m

Cursor:

Total = 34.52 dBV/m

E Category: M4

Location: 0.5, 25, 8.7 mm



#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 : 23.6 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 836.4 MHz; Calibrated: 2019/1/30
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn853; Calibrated: 2018/7/24
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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 = 50.31 V/m; Power Drift = -0.04 dB

Applied MIF = 3.63 dB

RF audio interference level = 35.53 dBV/m

Emission category: M4

MIF scaled E-field

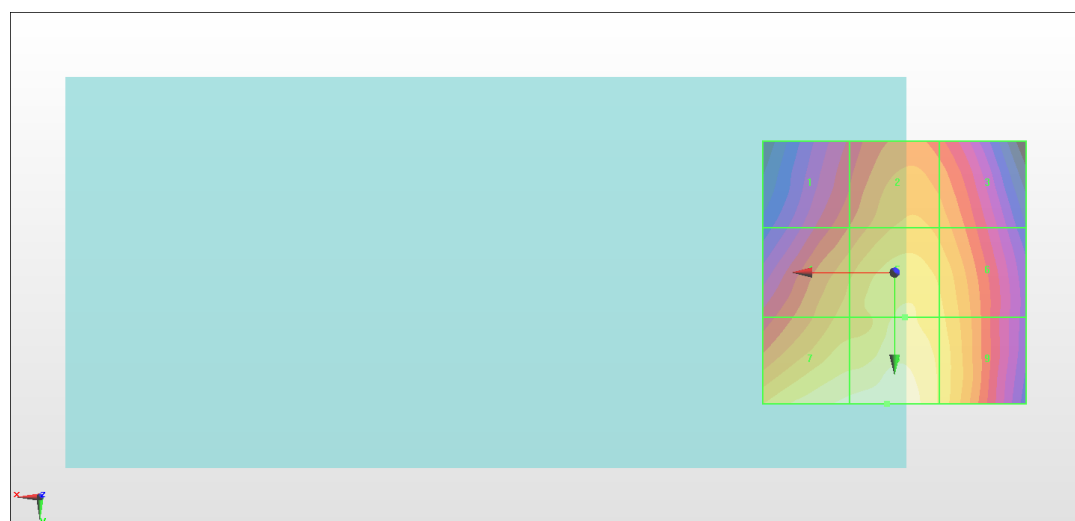
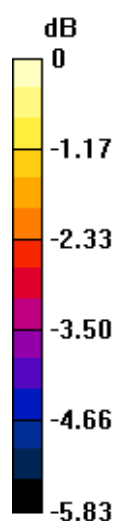
Grid 1 M4 33.23 dBV/m	Grid 2 M4 34.1 dBV/m	Grid 3 M4 33.85 dBV/m
Grid 4 M4 34.18 dBV/m	Grid 5 M4 34.81 dBV/m	Grid 6 M4 34.48 dBV/m
Grid 7 M4 35.3 dBV/m	Grid 8 M4 35.53 dBV/m	Grid 9 M4 34.7 dBV/m

Cursor:

Total = 35.53 dBV/m

E Category: M4

Location: 1.5, 25, 8.7 mm



0 dB = 59.75 V/m = 35.53 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 : 23.6 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 848.8 MHz; Calibrated: 2019/1/30
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn853; Calibrated: 2018/7/24
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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 = 43.82 V/m; Power Drift = -0.01 dB

Applied MIF = 3.63 dB

RF audio interference level = 34.84 dBV/m

Emission category: M4

MIF scaled E-field

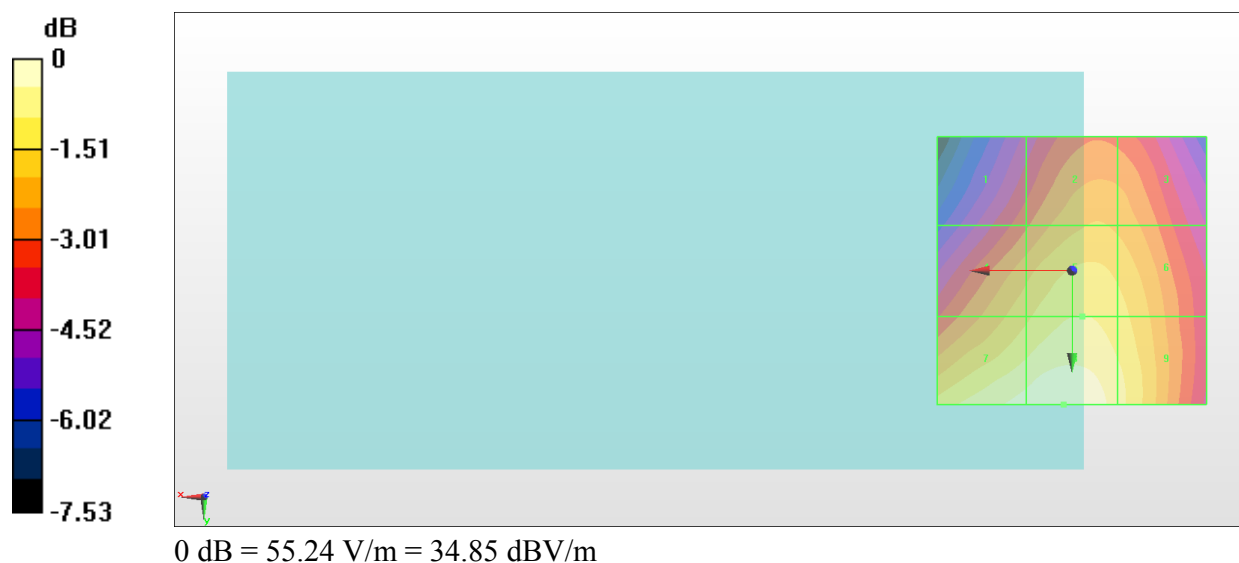
Grid 1 M4 31.77 dBV/m	Grid 2 M4 32.89 dBV/m	Grid 3 M4 32.74 dBV/m
Grid 4 M4 33.24 dBV/m	Grid 5 M4 33.86 dBV/m	Grid 6 M4 33.57 dBV/m
Grid 7 M4 34.59 dBV/m	Grid 8 M4 34.84 dBV/m	Grid 9 M4 34.08 dBV/m

Cursor:

Total = 34.84 dBV/m

E Category: M4

Location: 1.5, 25, 8.7 mm



#04_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: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 824.2 MHz; Calibrated: 2019/1/30
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn914; Calibrated: 2019/6/20
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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 = 84.55 V/m; Power Drift = -0.04 dB

Applied MIF = 3.63 dB

RF audio interference level = 36.65 dBV/m

Emission category: M4

MIF scaled E-field

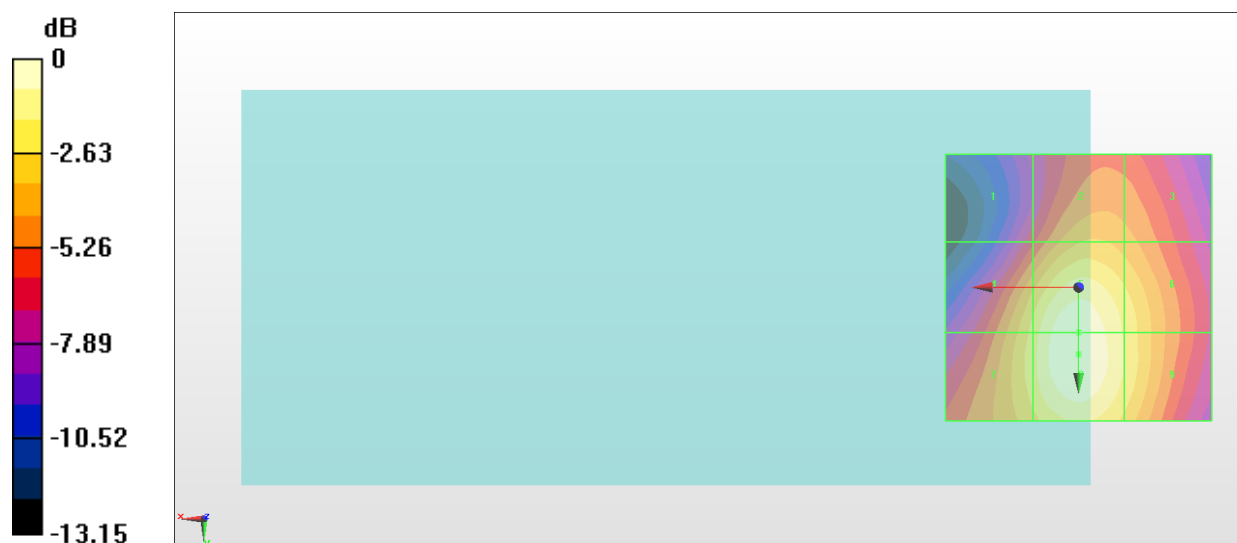
Grid 1 M4 30.43 dBV/m	Grid 2 M4 33.28 dBV/m	Grid 3 M4 32.76 dBV/m
Grid 4 M4 34.42 dBV/m	Grid 5 M4 36.51 dBV/m	Grid 6 M4 34.82 dBV/m
Grid 7 M4 34.66 dBV/m	Grid 8 M4 36.64 dBV/m	Grid 9 M4 34.92 dBV/m

Cursor:

Total = 36.64 dBV/m

E Category: M4

Location: 0, 12.5, 8.7 mm



0 dB = 67.96 V/m = 36.65 dBV/m

#05_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: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 836.4 MHz; Calibrated: 2019/1/30
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn914; Calibrated: 2019/6/20
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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 = 89.95 V/m; Power Drift = -0.04 dB

Applied MIF = 3.63 dB

RF audio interference level = 37.18 dBV/m

Emission category: M4

MIF scaled E-field

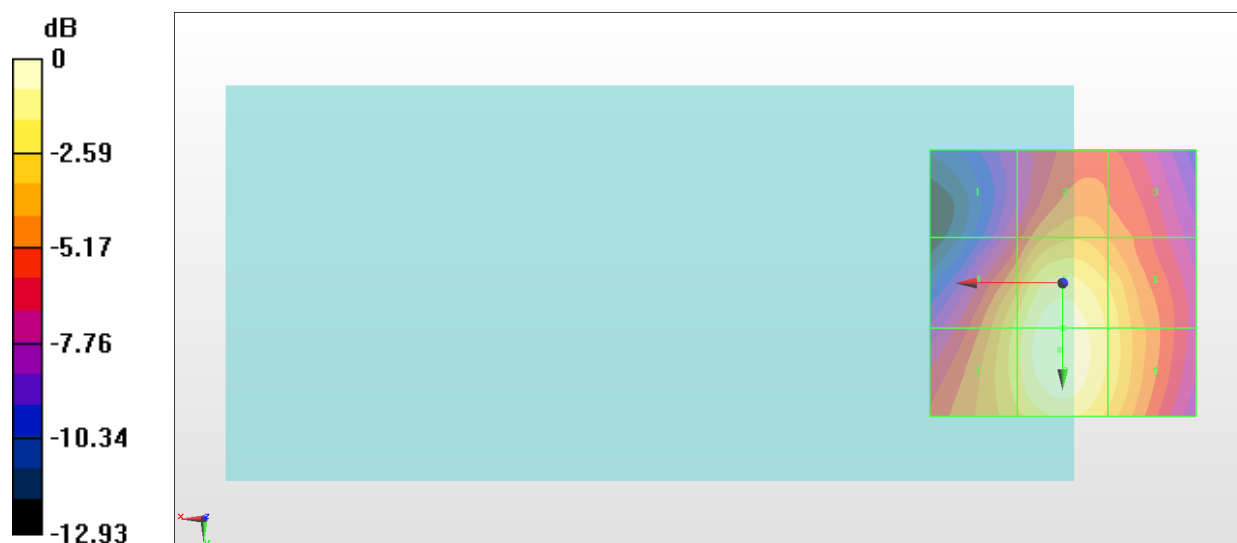
Grid 1 M4 30.81 dBV/m	Grid 2 M4 33.68 dBV/m	Grid 3 M4 32.88 dBV/m
Grid 4 M4 34.98 dBV/m	Grid 5 M4 37.02 dBV/m	Grid 6 M4 35.3 dBV/m
Grid 7 M4 35.25 dBV/m	Grid 8 M4 37.18 dBV/m	Grid 9 M4 35.39 dBV/m

Cursor:

Total = 37.18 dBV/m

E Category: M4

Location: 0.5, 12.5, 8.7 mm



0 dB = 72.31 V/m = 37.18 dBV/m

#06_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: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 848.8 MHz; Calibrated: 2019/1/30
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn914; Calibrated: 2019/6/20
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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 = 96.66 V/m; Power Drift = 0.16 dB

Applied MIF = 3.63 dB

RF audio interference level = 38.11 dBV/m

Emission category: M4

MIF scaled E-field

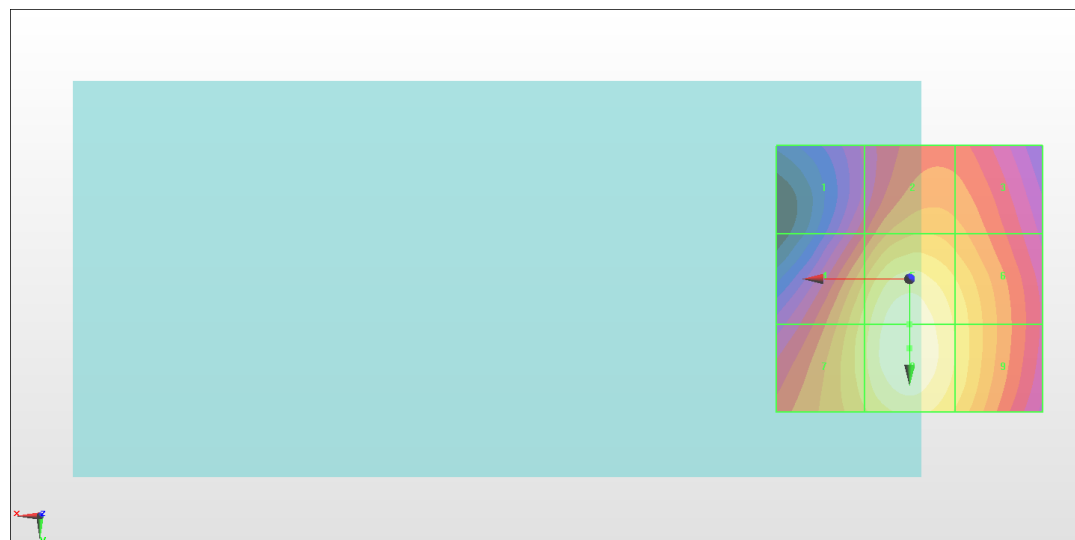
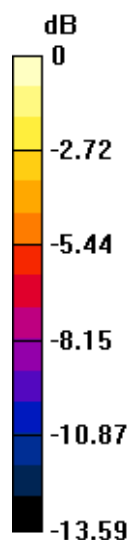
Grid 1 M4 31.73 dBV/m	Grid 2 M4 34.51 dBV/m	Grid 3 M4 34.02 dBV/m
Grid 4 M4 35.84 dBV/m	Grid 5 M4 37.93 dBV/m	Grid 6 M4 36.21 dBV/m
Grid 7 M4 36.09 dBV/m	Grid 8 M4 38.11 dBV/m	Grid 9 M4 36.31 dBV/m

Cursor:

Total = 38.11 dBV/m

E Category: M4

Location: 0, 13, 8.7 mm



0 dB = 80.40 V/m = 38.11 dBV/m

#07_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 : 23.6 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 1850.2 MHz; Calibrated: 2019/1/30
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn853; Calibrated: 2018/7/24
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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 = 19.01 V/m; Power Drift = 0.19 dB

Applied MIF = 3.63 dB

RF audio interference level = 30.09 dBV/m

Emission category: M3

MIF scaled E-field

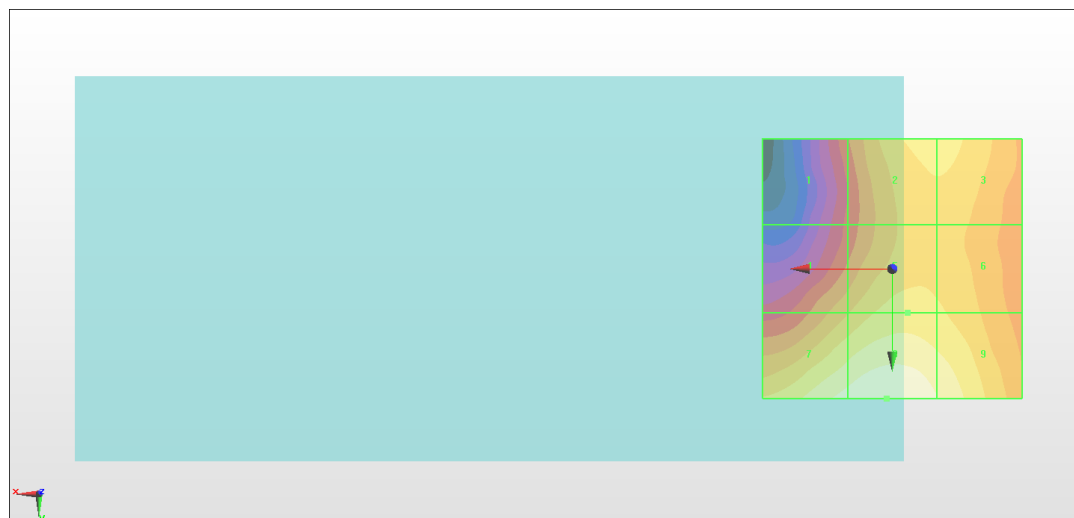
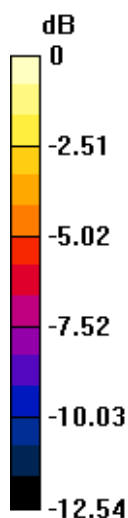
Grid 1 M4 25.04 dBV/m	Grid 2 M4 27.94 dBV/m	Grid 3 M4 27.93 dBV/m
Grid 4 M4 26.73 dBV/m	Grid 5 M4 28.03 dBV/m	Grid 6 M4 27.77 dBV/m
Grid 7 M4 29.63 dBV/m	Grid 8 M3 30.09 dBV/m	Grid 9 M4 29.32 dBV/m

Cursor:

Total = 30.09 dBV/m

E Category: M3

Location: 1, 25, 8.7 mm



0 dB = 31.97 V/m = 30.09 dBV/m

#08_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 : 23.6 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 2019/1/30
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn853; Calibrated: 2018/7/24
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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 = 19.82 V/m; Power Drift = 0.01 dB

Applied MIF = 3.63 dB

RF audio interference level = 30.14 dBV/m

Emission category: M3

MIF scaled E-field

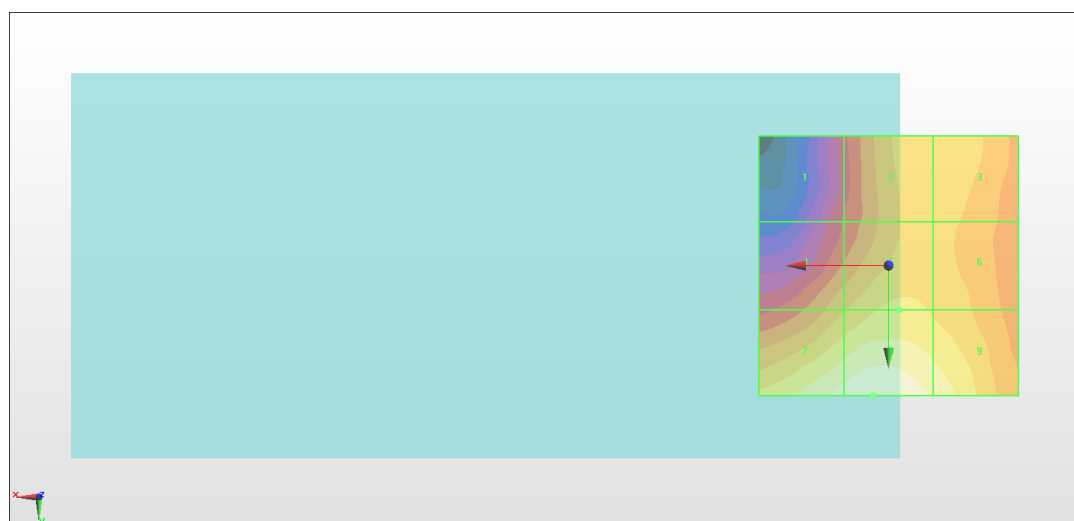
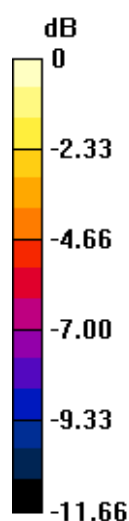
Grid 1 M4 24.85 dBV/m	Grid 2 M4 27.81 dBV/m	Grid 3 M4 27.81 dBV/m
Grid 4 M4 26.99 dBV/m	Grid 5 M4 28.02 dBV/m	Grid 6 M4 27.74 dBV/m
Grid 7 M4 29.74 dBV/m	Grid 8 M3 30.14 dBV/m	Grid 9 M4 29.28 dBV/m

Cursor:

Total = 30.14 dBV/m

E Category: M3

Location: 3, 25, 8.7 mm



0 dB = 32.15 V/m = 30.14 dBV/m

#09_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 : 23.6 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 1909.8 MHz; Calibrated: 2019/1/30
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn853; Calibrated: 2018/7/24
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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 = 18.97 V/m; Power Drift = -0.04 dB

Applied MIF = 3.63 dB

RF audio interference level = 29.56 dBV/m

Emission category: M4

MIF scaled E-field

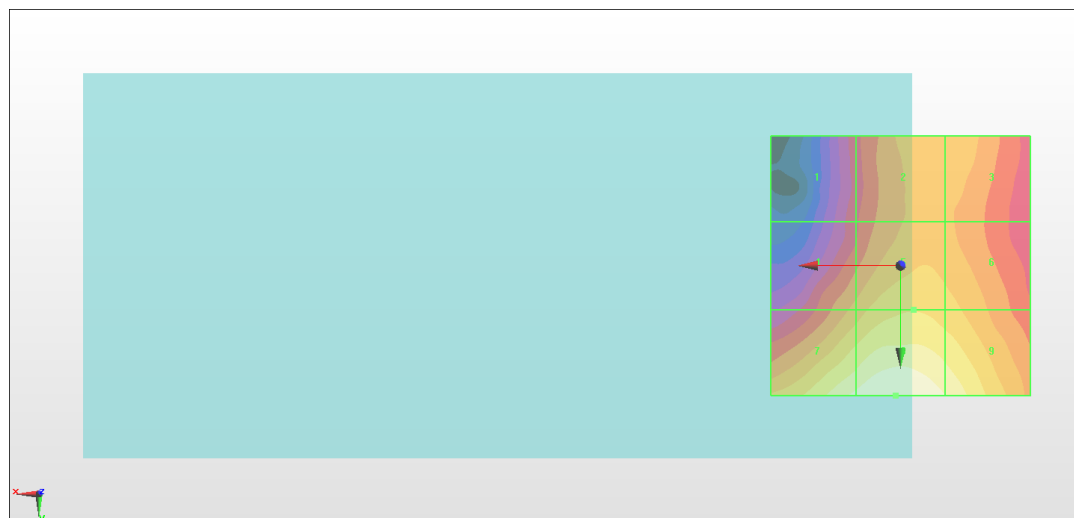
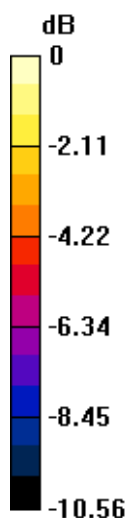
Grid 1 M4 24.56 dBV/m	Grid 2 M4 26.74 dBV/m	Grid 3 M4 26.7 dBV/m
Grid 4 M4 26.35 dBV/m	Grid 5 M4 27.43 dBV/m	Grid 6 M4 27.09 dBV/m
Grid 7 M4 29.06 dBV/m	Grid 8 M4 29.56 dBV/m	Grid 9 M4 28.88 dBV/m

Cursor:

Total = 29.56 dBV/m

E Category: M4

Location: 1, 25, 8.7 mm



0 dB = 30.05 V/m = 29.56 dBV/m

#10_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: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 1850.2 MHz; Calibrated: 2019/1/30
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn914; Calibrated: 2019/6/20
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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 = 29.77 V/m; Power Drift = 0.10 dB

Applied MIF = 3.63 dB

RF audio interference level = 34.01 dBV/m

Emission category: M3

MIF scaled E-field

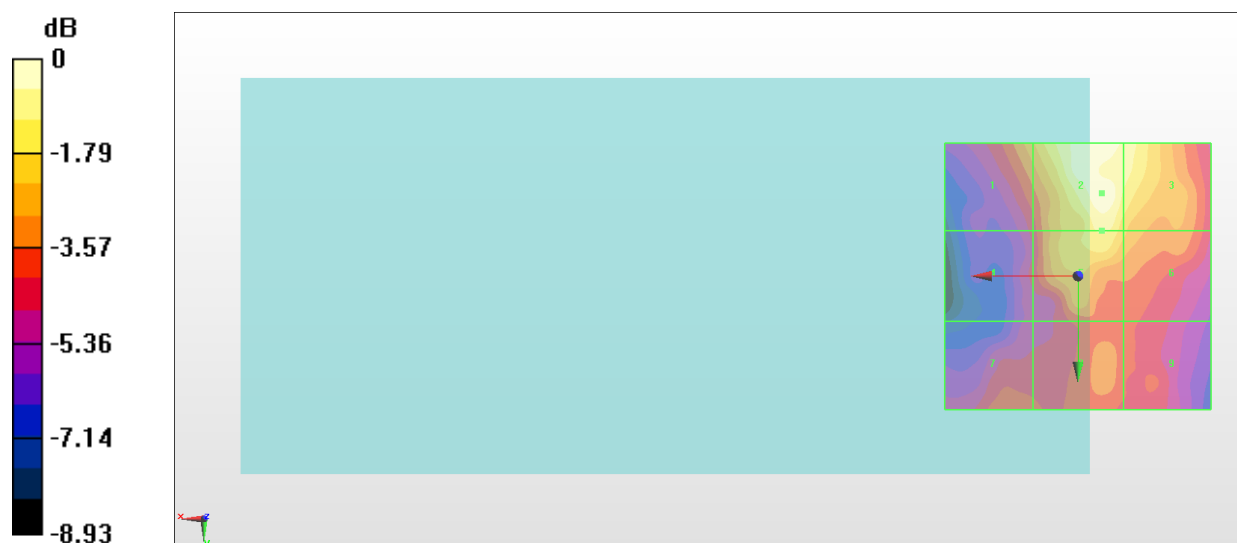
Grid 1 M3 31.55 dBV/m	Grid 2 M3 34.01 dBV/m	Grid 3 M3 33.33 dBV/m
Grid 4 M4 29.54 dBV/m	Grid 5 M3 32.94 dBV/m	Grid 6 M3 31.85 dBV/m
Grid 7 M3 30.3 dBV/m	Grid 8 M3 30.8 dBV/m	Grid 9 M3 30.18 dBV/m

Cursor:

Total = 34.01 dBV/m

E Category: M3

Location: -4.5, -15.5, 8.7 mm



0 dB = 50.20 V/m = 34.01 dBV/m

#11_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: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 2019/1/30
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn914; Calibrated: 2019/6/20
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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 = 33.29 V/m; Power Drift = 0.02 dB

Applied MIF = 3.63 dB

RF audio interference level = 34.53 dBV/m

Emission category: M3

MIF scaled E-field

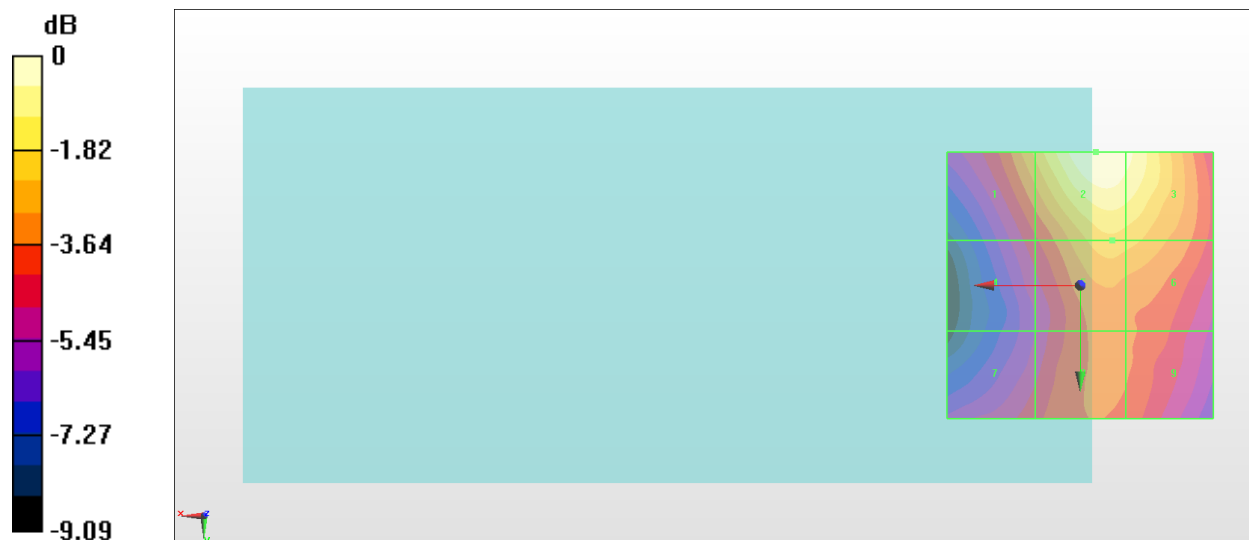
Grid 1 M3 32.27 dBV/m	Grid 2 M3 34.53 dBV/m	Grid 3 M3 34.16 dBV/m
Grid 4 M3 30.19 dBV/m	Grid 5 M3 32.56 dBV/m	Grid 6 M3 32.4 dBV/m
Grid 7 M3 30.11 dBV/m	Grid 8 M3 31.1 dBV/m	Grid 9 M3 31.02 dBV/m

Cursor:

Total = 34.53 dBV/m

E Category: M3

Location: -3, -25, 8.7 mm



0 dB = 53.30 V/m = 34.53 dBV/m

#12_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: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 1909.8 MHz; Calibrated: 2019/1/30
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn914; Calibrated: 2019/6/20
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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 = 32.66 V/m; Power Drift = -0.03 dB

Applied MIF = 3.63 dB

RF audio interference level = 33.94 dBV/m

Emission category: M3

MIF scaled E-field

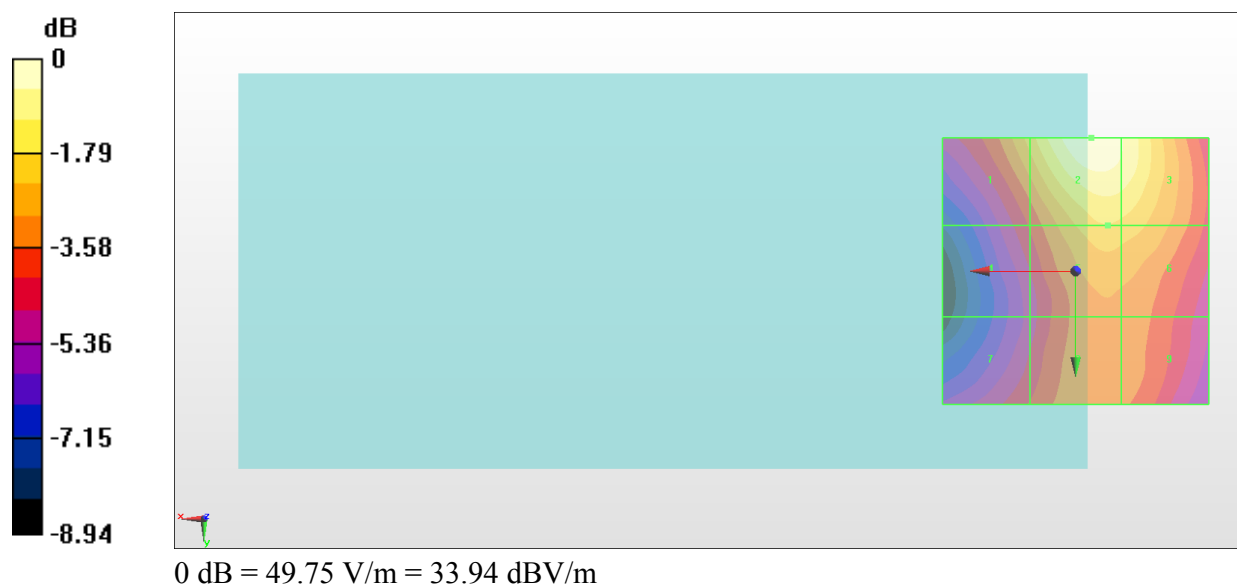
Grid 1 M3 31.87 dBV/m	Grid 2 M3 33.94 dBV/m	Grid 3 M3 33.42 dBV/m
Grid 4 M4 29.88 dBV/m	Grid 5 M3 32.11 dBV/m	Grid 6 M3 32 dBV/m
Grid 7 M4 29.86 dBV/m	Grid 8 M3 30.86 dBV/m	Grid 9 M3 30.82 dBV/m

Cursor:

Total = 33.94 dBV/m

E Category: M3

Location: -3, -25, 8.7 mm



#13_HAC_E_LTE Band 41_20M_QPSK_1_0_Ch40140

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 2545 MHz; Duty Cycle: 1:8.33681

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

Ambient Temperature : 23.6 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2545 MHz; Calibrated: 2019/1/30
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn853; Calibrated: 2018/7/24
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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 = 20.27 V/m; Power Drift = -0.05 dB

Applied MIF = -1.62 dB

RF audio interference level = 23.49 dBV/m

Emission category: M4

MIF scaled E-field

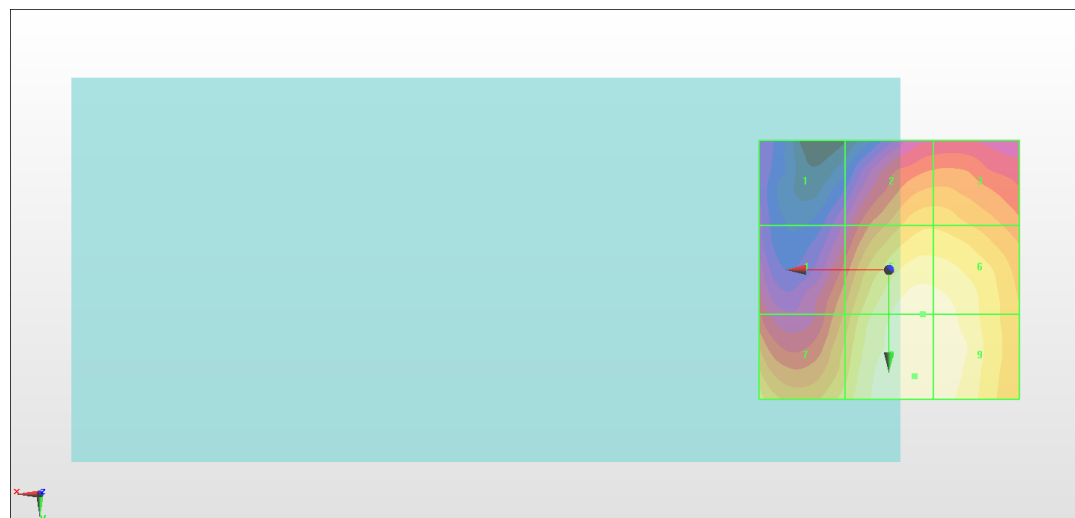
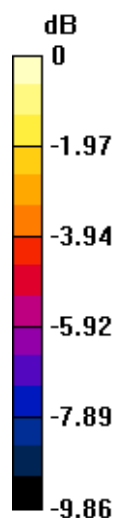
Grid 1 M4 17.79 dBV/m	Grid 2 M4 21.46 dBV/m	Grid 3 M4 21.45 dBV/m
Grid 4 M4 20.35 dBV/m	Grid 5 M4 23.25 dBV/m	Grid 6 M4 23.21 dBV/m
Grid 7 M4 21.9 dBV/m	Grid 8 M4 23.49 dBV/m	Grid 9 M4 23.33 dBV/m

Cursor:

Total = 23.49 dBV/m

E Category: M4

Location: -5, 20.5, 8.7 mm



0 dB = 14.95 V/m = 23.49 dBV/m

#14_HAC_E_LTE Band 41_20M_QPSK_1_0_Ch40400

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 2571 MHz; Duty Cycle: 1:8.33681

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

Ambient Temperature : 23.6 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2571 MHz; Calibrated: 2019/1/30
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn853; Calibrated: 2018/7/24
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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 = 19.16 V/m; Power Drift = 0.17 dB

Applied MIF = -1.62 dB

RF audio interference level = 24.50 dBV/m

Emission category: M4

MIF scaled E-field

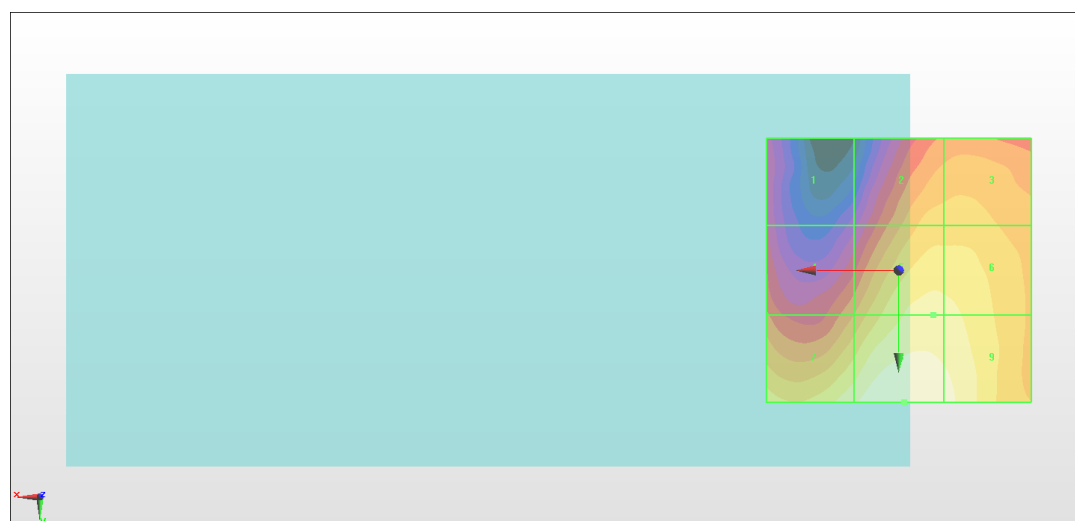
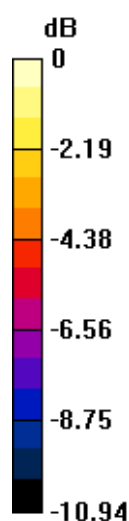
Grid 1 M4 18.86 dBV/m	Grid 2 M4 21.99 dBV/m	Grid 3 M4 22.01 dBV/m
Grid 4 M4 20.88 dBV/m	Grid 5 M4 23.34 dBV/m	Grid 6 M4 23.29 dBV/m
Grid 7 M4 23.64 dBV/m	Grid 8 M4 24.5 dBV/m	Grid 9 M4 24.06 dBV/m

Cursor:

Total = 24.50 dBV/m

E Category: M4

Location: -1, 25, 8.7 mm



0 dB = 16.78 V/m = 24.50 dBV/m

#15_HAC_E_LTE Band 41_20M_QPSK_1_0_Ch40670

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 2598 MHz; Duty Cycle: 1:8.33681

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

Ambient Temperature : 23.6 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2598 MHz; Calibrated: 2019/1/30
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn853; Calibrated: 2018/7/24
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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 = 21.61 V/m; Power Drift = -0.05 dB

Applied MIF = -1.62 dB

RF audio interference level = 24.14 dBV/m

Emission category: M4

MIF scaled E-field

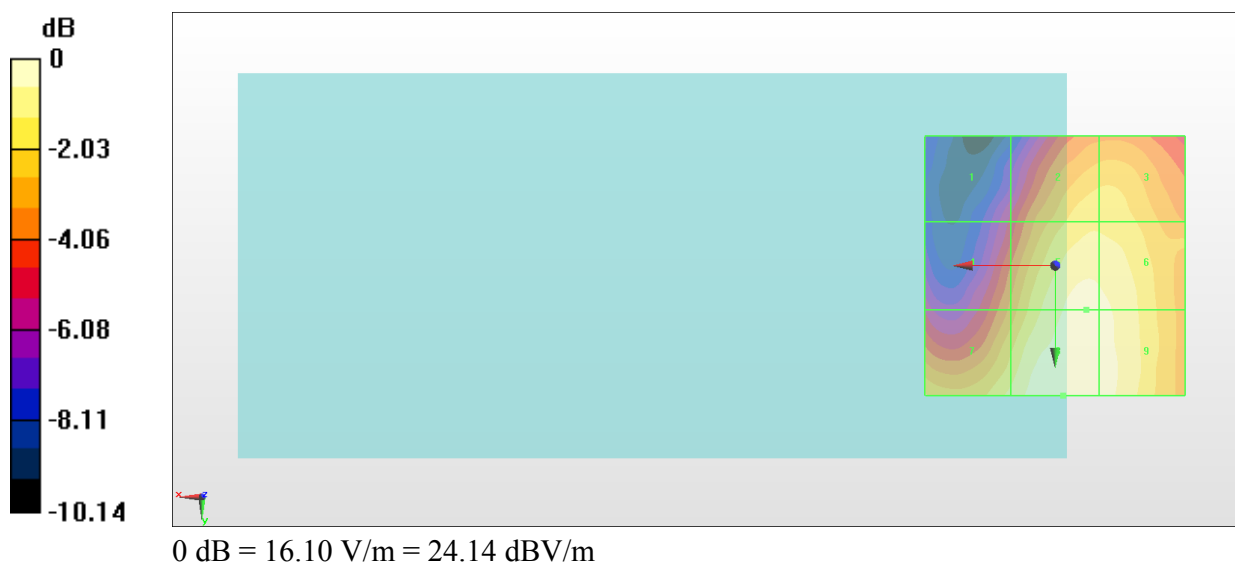
Grid 1 M4 18.98 dBV/m	Grid 2 M4 22.69 dBV/m	Grid 3 M4 22.69 dBV/m
Grid 4 M4 21.02 dBV/m	Grid 5 M4 23.72 dBV/m	Grid 6 M4 23.64 dBV/m
Grid 7 M4 23.02 dBV/m	Grid 8 M4 24.14 dBV/m	Grid 9 M4 23.84 dBV/m

Cursor:

Total = 24.14 dBV/m

E Category: M4

Location: -1.5, 25, 8.7 mm



#16_HAC_E_LTE Band 41_20M_QPSK_1_0_Ch41140

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 2645 MHz; Duty Cycle: 1:8.33681

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

Ambient Temperature : 23.6 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2645 MHz; Calibrated: 2019/1/30
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn853; Calibrated: 2018/7/24
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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 = 21.02 V/m; Power Drift = -0.09 dB

Applied MIF = -1.62 dB

RF audio interference level = 24.49 dBV/m

Emission category: M4

MIF scaled E-field

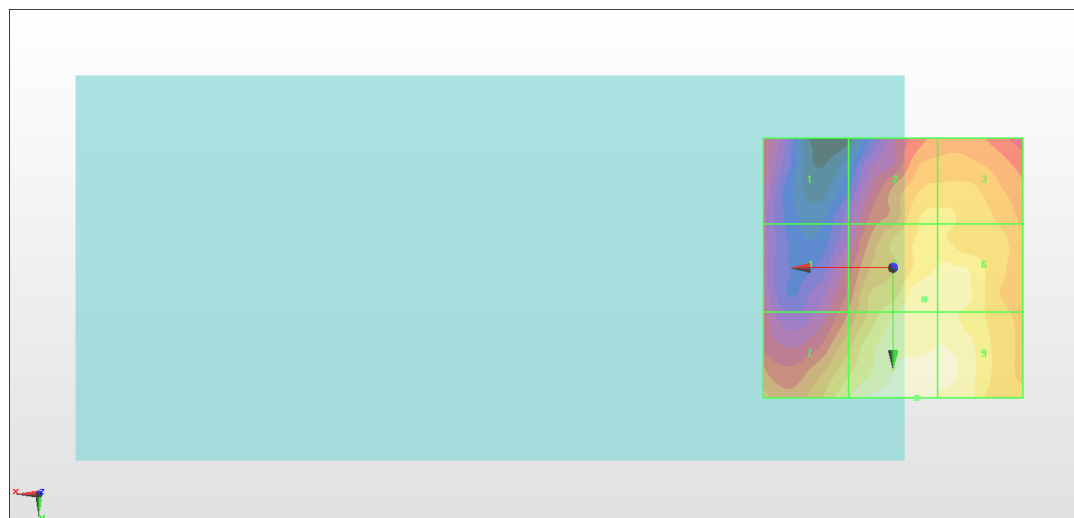
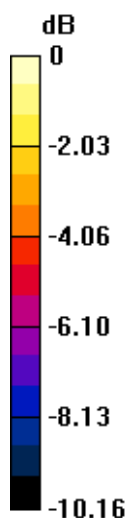
Grid 1 M4 19.63 dBV/m	Grid 2 M4 22.66 dBV/m	Grid 3 M4 22.66 dBV/m
Grid 4 M4 20.5 dBV/m	Grid 5 M4 23.76 dBV/m	Grid 6 M4 23.56 dBV/m
Grid 7 M4 23.1 dBV/m	Grid 8 M4 24.49 dBV/m	Grid 9 M4 24.25 dBV/m

Cursor:

Total = 24.49 dBV/m

E Category: M4

Location: -4.5, 25, 8.7 mm



0 dB = 16.76 V/m = 24.49 dBV/m

#17_HAC_E_LTE Band 41_20M_QPSK_1_0_Ch40140

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 2545 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: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2545 MHz; Calibrated: 2019/1/30
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn914; Calibrated: 2019/6/20
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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 = 35.31 V/m; Power Drift = 0.09 dB

Applied MIF = -1.62 dB

RF audio interference level = 29.26 dBV/m

Emission category: M4

MIF scaled E-field

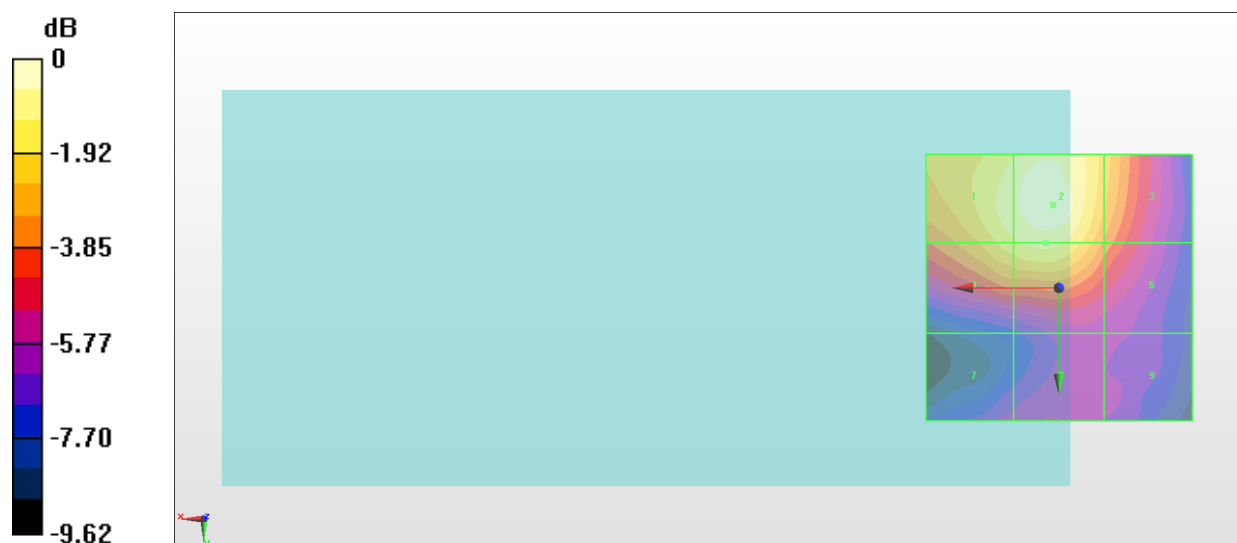
Grid 1 M4 28.5 dBV/m	Grid 2 M4 29.26 dBV/m	Grid 3 M4 27.11 dBV/m
Grid 4 M4 27.83 dBV/m	Grid 5 M4 28.23 dBV/m	Grid 6 M4 25.94 dBV/m
Grid 7 M4 23.23 dBV/m	Grid 8 M4 23.58 dBV/m	Grid 9 M4 23.22 dBV/m

Cursor:

Total = 29.26 dBV/m

E Category: M4

Location: 1, -15.5, 8.7 mm



0 dB = 29.05 V/m = 29.26 dBV/m

#18_HAC_E_LTE Band 41_20M_QPSK_1_0_Ch40400

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 2571 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: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2571 MHz; Calibrated: 2019/1/30
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn914; Calibrated: 2019/6/20
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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 = 40.39 V/m; Power Drift = 0.07 dB

Applied MIF = -1.62 dB

RF audio interference level = 30.00 dBV/m

Emission category: M3

MIF scaled E-field

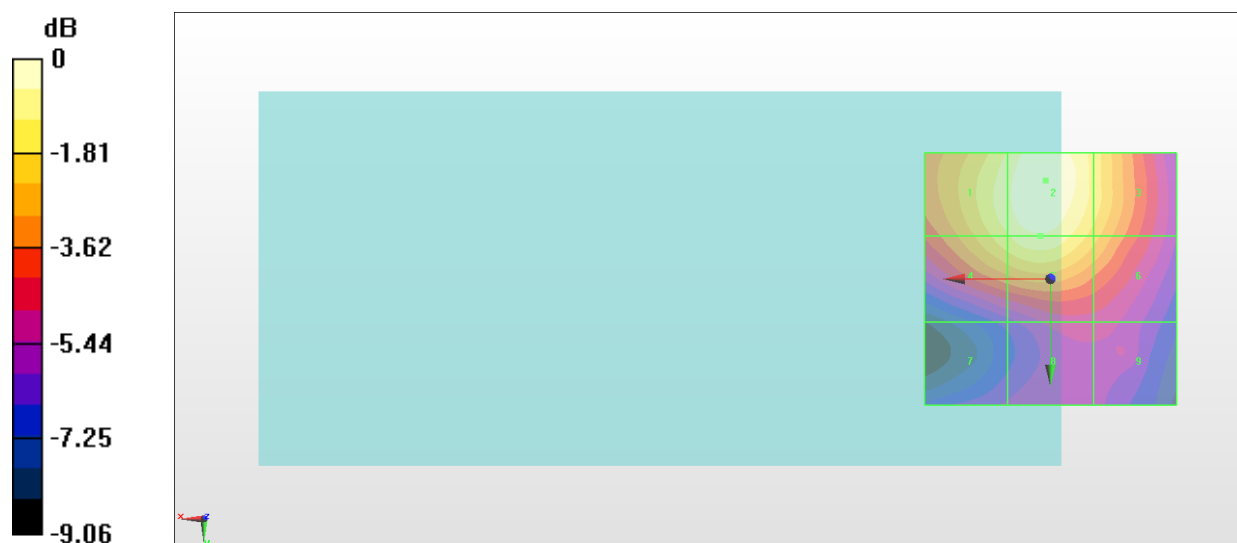
Grid 1 M4 29.29 dBV/m	Grid 2 M3 30 dBV/m	Grid 3 M4 28.61 dBV/m
Grid 4 M4 28.73 dBV/m	Grid 5 M4 29.32 dBV/m	Grid 6 M4 27.9 dBV/m
Grid 7 M4 24.14 dBV/m	Grid 8 M4 24.96 dBV/m	Grid 9 M4 24.93 dBV/m

Cursor:

Total = 30.00 dBV/m

E Category: M3

Location: 1, -19.5, 8.7 mm



0 dB = 31.63 V/m = 30.00 dBV/m

#19_HAC_E_LTE Band 41_20M_QPSK_1_0_Ch40670

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 2598 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: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2598 MHz; Calibrated: 2019/1/30
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn914; Calibrated: 2019/6/20
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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 = 40.58 V/m; Power Drift = 0.08 dB

Applied MIF = -1.62 dB

RF audio interference level = 29.82 dBV/m

Emission category: M4

MIF scaled E-field

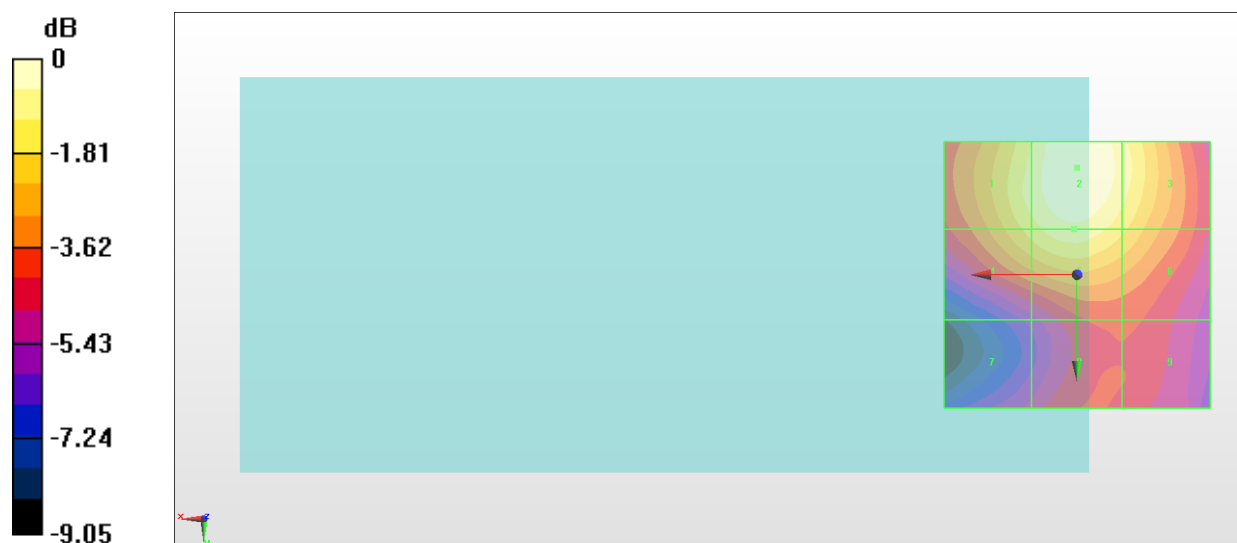
Grid 1 M4 28.93 dBV/m	Grid 2 M4 29.82 dBV/m	Grid 3 M4 28.99 dBV/m
Grid 4 M4 28.32 dBV/m	Grid 5 M4 29.03 dBV/m	Grid 6 M4 28.15 dBV/m
Grid 7 M4 24.67 dBV/m	Grid 8 M4 25.79 dBV/m	Grid 9 M4 25.78 dBV/m

Cursor:

Total = 29.82 dBV/m

E Category: M4

Location: 0, -20, 8.7 mm



0 dB = 30.98 V/m = 29.82 dBV/m

#20_HAC_E_LTE Band 41_20M_QPSK_1_0_Ch41140

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 2645 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: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2645 MHz; Calibrated: 2019/1/30
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn914; Calibrated: 2019/6/20
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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 = 41.98 V/m; Power Drift = 0.07 dB

Applied MIF = -1.62 dB

RF audio interference level = 30.11 dBV/m

Emission category: M3

MIF scaled E-field

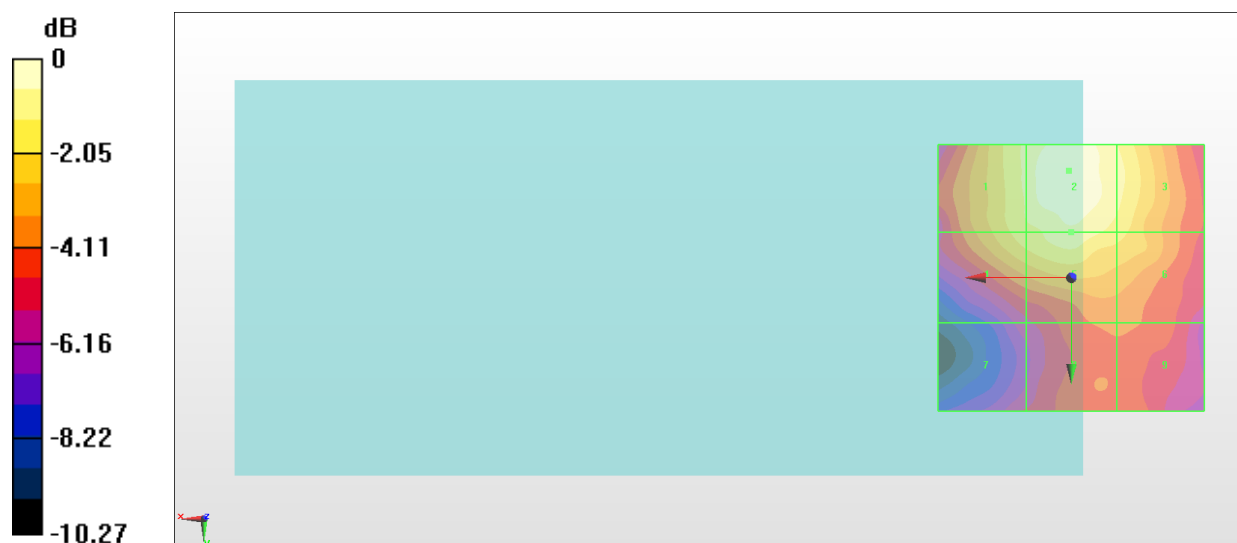
Grid 1 M4 28.97 dBV/m	Grid 2 M3 30.11 dBV/m	Grid 3 M4 29.04 dBV/m
Grid 4 M4 28.52 dBV/m	Grid 5 M4 29.24 dBV/m	Grid 6 M4 28.38 dBV/m
Grid 7 M4 24.77 dBV/m	Grid 8 M4 26.18 dBV/m	Grid 9 M4 26.18 dBV/m

Cursor:

Total = 30.11 dBV/m

E Category: M3

Location: 0.5, -20, 8.7 mm



0 dB = 32.04 V/m = 30.11 dBV/m

#21_HAC_E_WLAN2.4GHz_802.11g 6Mbps_Ch1;Ant 1+2

Communication System: 802.11g ; Frequency: 2412 MHz;Duty Cycle: 1:12.5893

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

Ambient Temperature : 23.6 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2412 MHz; Calibrated: 2019/1/30
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn853; Calibrated: 2018/7/24
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

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 = 38.50 V/m; Power Drift = 0.08 dB

Applied MIF = 0.12 dB

RF audio interference level = 29.37 dBV/m

Emission category: M4

MIF scaled E-field

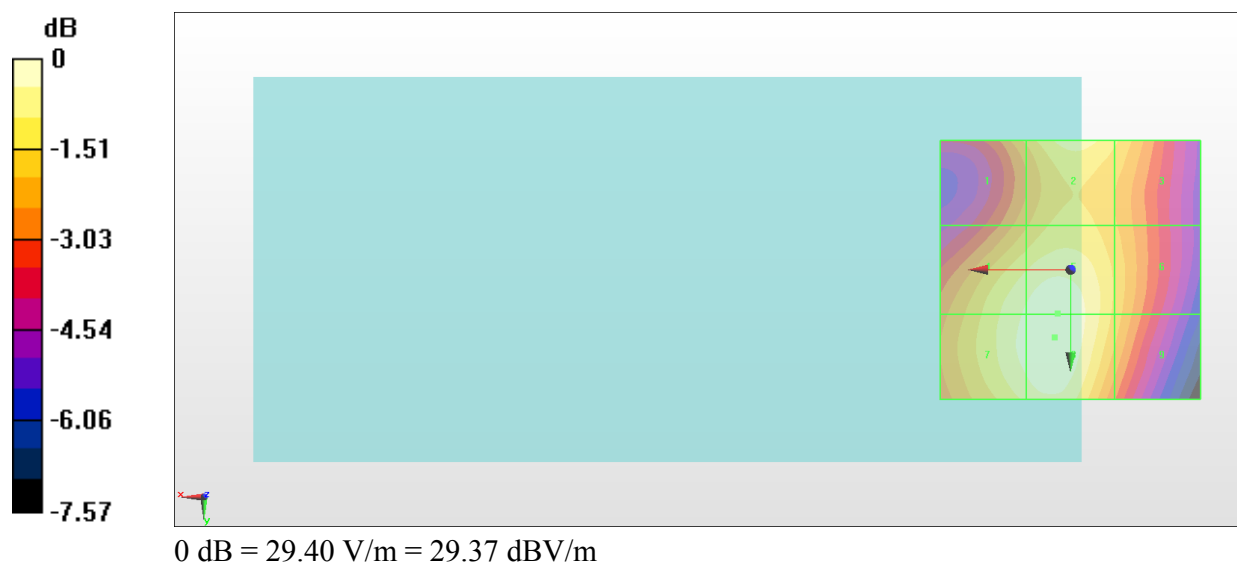
Grid 1 M4 27.51 dBV/m	Grid 2 M4 28.67 dBV/m	Grid 3 M4 27.98 dBV/m
Grid 4 M4 28.95 dBV/m	Grid 5 M4 29.3 dBV/m	Grid 6 M4 27.79 dBV/m
Grid 7 M4 29.07 dBV/m	Grid 8 M4 29.37 dBV/m	Grid 9 M4 27.7 dBV/m

Cursor:

Total = 29.37 dBV/m

E Category: M4

Location: 3, 13, 8.7 mm



#22_HAC_E_WLAN2.4GHz_802.11g 6Mbps_Ch6;Ant 1+2

Communication System: 802.11g ; Frequency: 2437 MHz;Duty Cycle: 1:12.5893

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

Ambient Temperature : 23.6 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2437 MHz; Calibrated: 2019/1/30
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn853; Calibrated: 2018/7/24
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

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 = 38.64 V/m; Power Drift = 0.01 dB

Applied MIF = 0.12 dB

RF audio interference level = 29.39 dBV/m

Emission category: M4

MIF scaled E-field

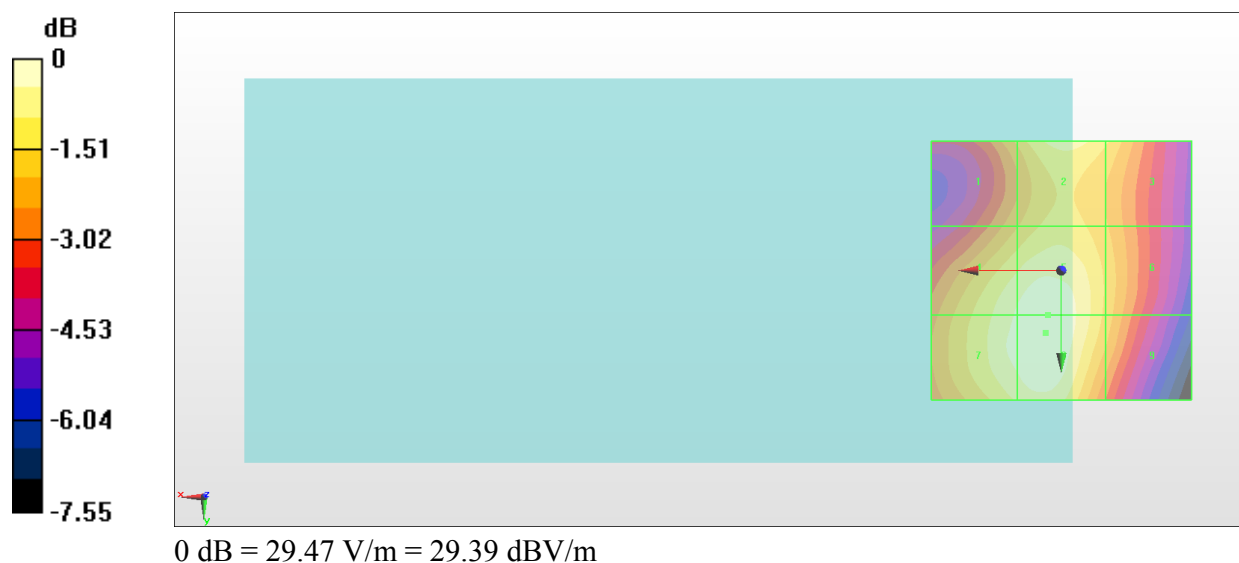
Grid 1 M4 27.52 dBV/m	Grid 2 M4 28.65 dBV/m	Grid 3 M4 28 dBV/m
Grid 4 M4 28.96 dBV/m	Grid 5 M4 29.34 dBV/m	Grid 6 M4 27.82 dBV/m
Grid 7 M4 29.1 dBV/m	Grid 8 M4 29.39 dBV/m	Grid 9 M4 27.73 dBV/m

Cursor:

Total = 29.39 dBV/m

E Category: M4

Location: 3, 12, 8.7 mm



#23_HAC_E_WLAN2.4GHz_802.11g 6Mbps_Ch11;Ant 1+2

Communication System: 802.11g ; Frequency: 2462 MHz;Duty Cycle: 1:12.5893

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

Ambient Temperature : 23.6 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2462 MHz; Calibrated: 2019/1/30
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn853; Calibrated: 2018/7/24
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

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 = 38.53 V/m; Power Drift = 0.04 dB

Applied MIF = 0.12 dB

RF audio interference level = 29.35 dBV/m

Emission category: M4

MIF scaled E-field

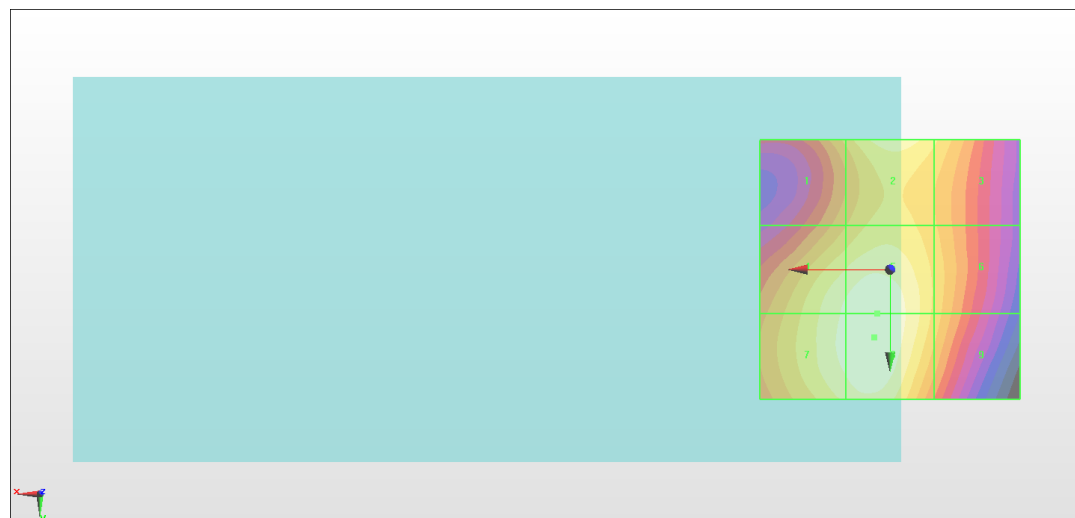
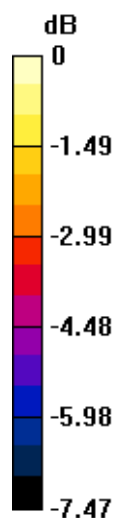
Grid 1 M4 27.56 dBV/m	Grid 2 M4 28.65 dBV/m	Grid 3 M4 27.98 dBV/m
Grid 4 M4 28.97 dBV/m	Grid 5 M4 29.29 dBV/m	Grid 6 M4 27.78 dBV/m
Grid 7 M4 29.06 dBV/m	Grid 8 M4 29.35 dBV/m	Grid 9 M4 27.71 dBV/m

Cursor:

Total = 29.35 dBV/m

E Category: M4

Location: 3, 13, 8.7 mm



0 dB = 29.34 V/m = 29.35 dBV/m