

#01_HAC_E_GSM850_GSM Voice_Ch128

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 824.2 MHz; Duty Cycle: 1:8.69961

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: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- 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 = 26.15 V/m; Power Drift = -0.12 dB

Applied MIF = 3.63 dB

RF audio interference level = 30.74 dBV/m

Emission category: M4

MIF scaled E-field

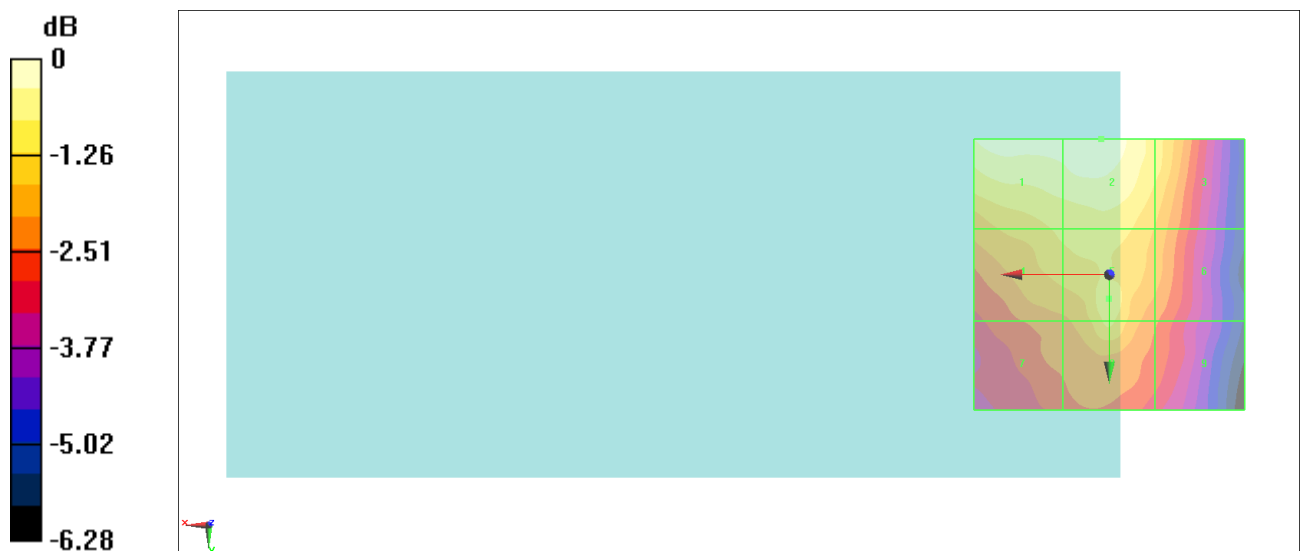
Grid 1 M4 30.61 dBV/m	Grid 2 M4 30.74 dBV/m	Grid 3 M4 29.74 dBV/m
Grid 4 M4 29.57 dBV/m	Grid 5 M4 29.85 dBV/m	Grid 6 M4 29.03 dBV/m
Grid 7 M4 28.53 dBV/m	Grid 8 M4 29.55 dBV/m	Grid 9 M4 28.32 dBV/m

Cursor:

Total = 30.74 dBV/m

E Category: M4

Location: 1.5, -25, 8.7 mm



0 dB = 34.42 V/m = 30.74 dBV/m

#02_HAC_E_GSM850_GSM Voice_Ch189

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 836.4 MHz; Duty Cycle: 1:8.69961

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: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- 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 = 25.54 V/m; Power Drift = 0.00 dB

Applied MIF = 3.63 dB

RF audio interference level = 31.92 dBV/m

Emission category: M4

MIF scaled E-field

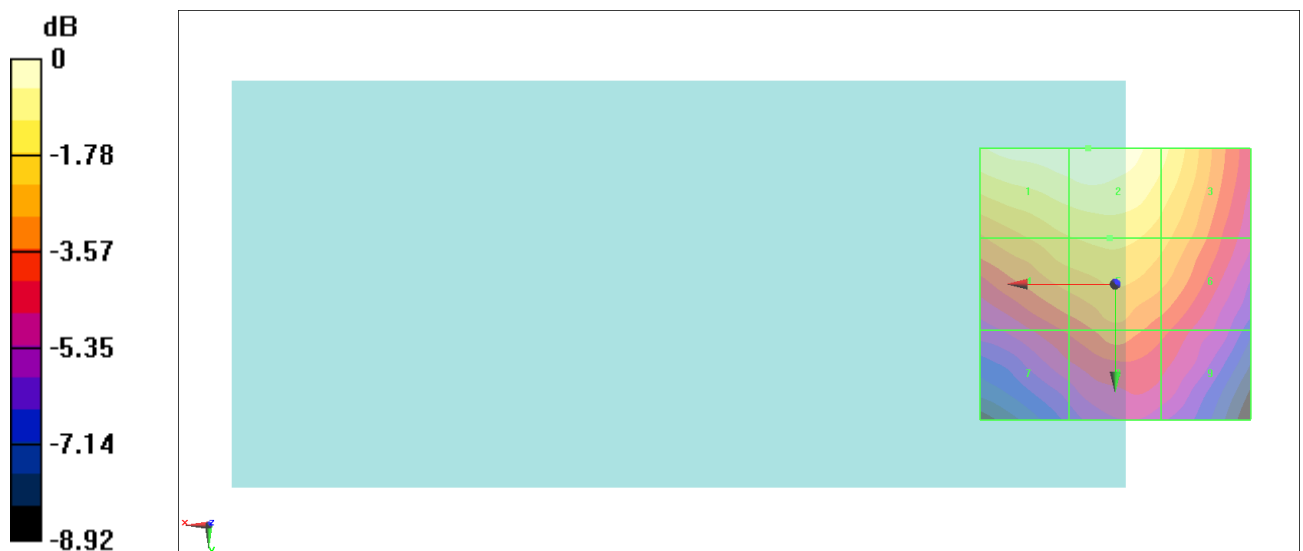
Grid 1 M4 31.82 dBV/m	Grid 2 M4 31.92 dBV/m	Grid 3 M4 30.96 dBV/m
Grid 4 M4 30.11 dBV/m	Grid 5 M4 30.31 dBV/m	Grid 6 M4 29.79 dBV/m
Grid 7 M4 27.91 dBV/m	Grid 8 M4 28.77 dBV/m	Grid 9 M4 27.99 dBV/m

Cursor:

Total = 31.92 dBV/m

E Category: M4

Location: 5, -25, 8.7 mm



0 dB = 39.46 V/m = 31.92 dBV/m

#03_HAC_E_GSM850_GSM Voice_Ch251

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 848.8 MHz; Duty Cycle: 1:8.69961

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: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- 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 = 22.72 V/m; Power Drift = -0.06 dB

Applied MIF = 3.63 dB

RF audio interference level = 31.03 dBV/m

Emission category: M4

MIF scaled E-field

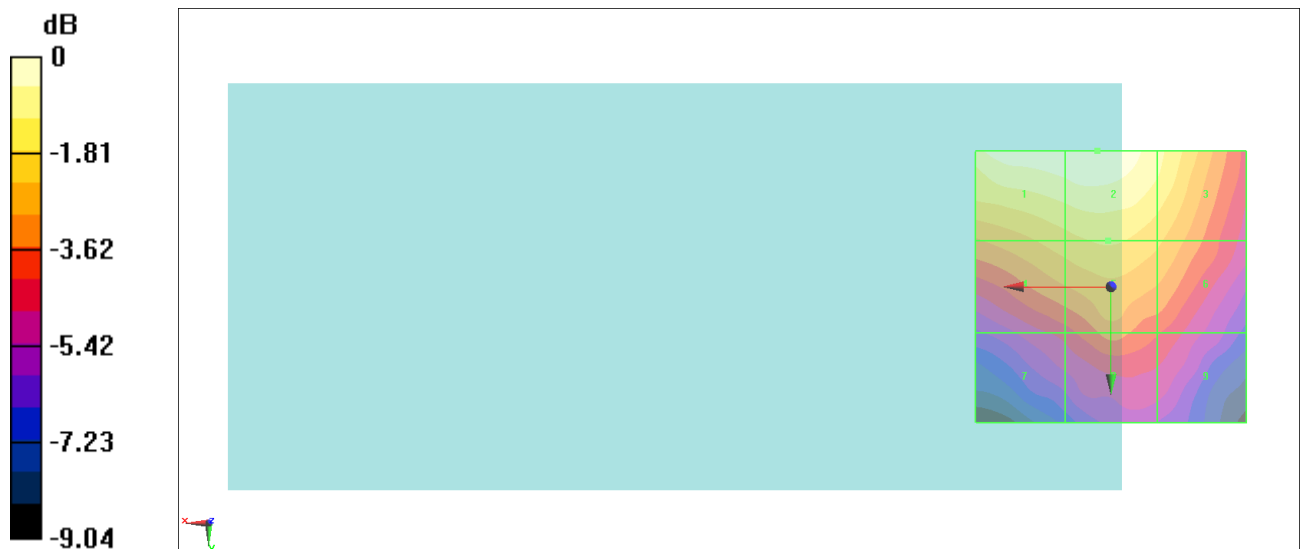
Grid 1 M4 30.92 dBV/m	Grid 2 M4 31.03 dBV/m	Grid 3 M4 30.05 dBV/m
Grid 4 M4 28.99 dBV/m	Grid 5 M4 29.33 dBV/m	Grid 6 M4 28.76 dBV/m
Grid 7 M4 26.53 dBV/m	Grid 8 M4 27.65 dBV/m	Grid 9 M4 26.91 dBV/m

Cursor:

Total = 31.03 dBV/m

E Category: M4

Location: 2.5, -25, 8.7 mm



0 dB = 35.60 V/m = 31.03 dBV/m

#04_HAC_E_GSM850_GSM Voice_Ch128

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 824.2 MHz; Duty Cycle: 1:8.69961

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: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- 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 = 48.25 V/m; Power Drift = -0.06 dB

Applied MIF = 3.63 dB

RF audio interference level = 37.75 dBV/m

Emission category: M4

MIF scaled E-field

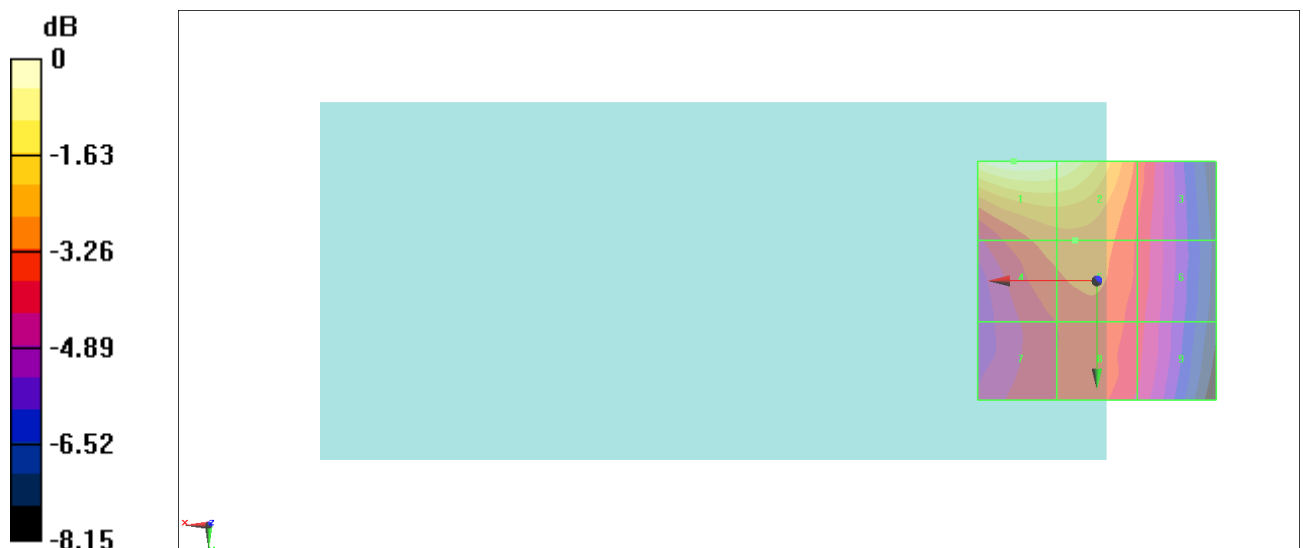
Grid 1 M4 37.75 dBV/m	Grid 2 M4 37.43 dBV/m	Grid 3 M4 34.35 dBV/m
Grid 4 M4 34.81 dBV/m	Grid 5 M4 34.87 dBV/m	Grid 6 M4 33.88 dBV/m
Grid 7 M4 33.99 dBV/m	Grid 8 M4 34.33 dBV/m	Grid 9 M4 33.64 dBV/m

Cursor:

Total = 37.75 dBV/m

E Category: M4

Location: 17.5, -25, 8.7 mm



0 dB = 77.19 V/m = 37.75 dBV/m

#05_HAC_E_GSM850_GSM Voice_Ch189

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 836.4 MHz; Duty Cycle: 1:8.69961

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: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- 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 = 22.28 V/m; Power Drift = -0.00 dB

Applied MIF = 3.63 dB

RF audio interference level = 32.59 dBV/m

Emission category: M4

MIF scaled E-field

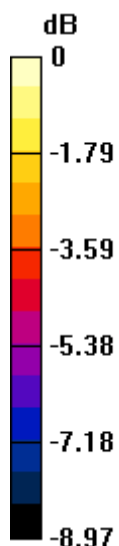
Grid 1 M4 32.59 dBV/m	Grid 2 M4 32.39 dBV/m	Grid 3 M4 28.93 dBV/m
Grid 4 M4 28.99 dBV/m	Grid 5 M4 28.99 dBV/m	Grid 6 M4 27.86 dBV/m
Grid 7 M4 28.13 dBV/m	Grid 8 M4 28.39 dBV/m	Grid 9 M4 27.43 dBV/m

Cursor:

Total = 32.59 dBV/m

E Category: M4

Location: 12.5, -25, 8.7 mm



0 dB = 42.60 V/m = 32.59 dBV/m

#06_HAC_E_GSM850_GSM Voice_Ch251

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 848.8 MHz; Duty Cycle: 1:8.69961

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: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- 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 = 22.15 V/m; Power Drift = -0.03 dB

Applied MIF = 3.63 dB

RF audio interference level = 32.50 dBV/m

Emission category: M4

MIF scaled E-field

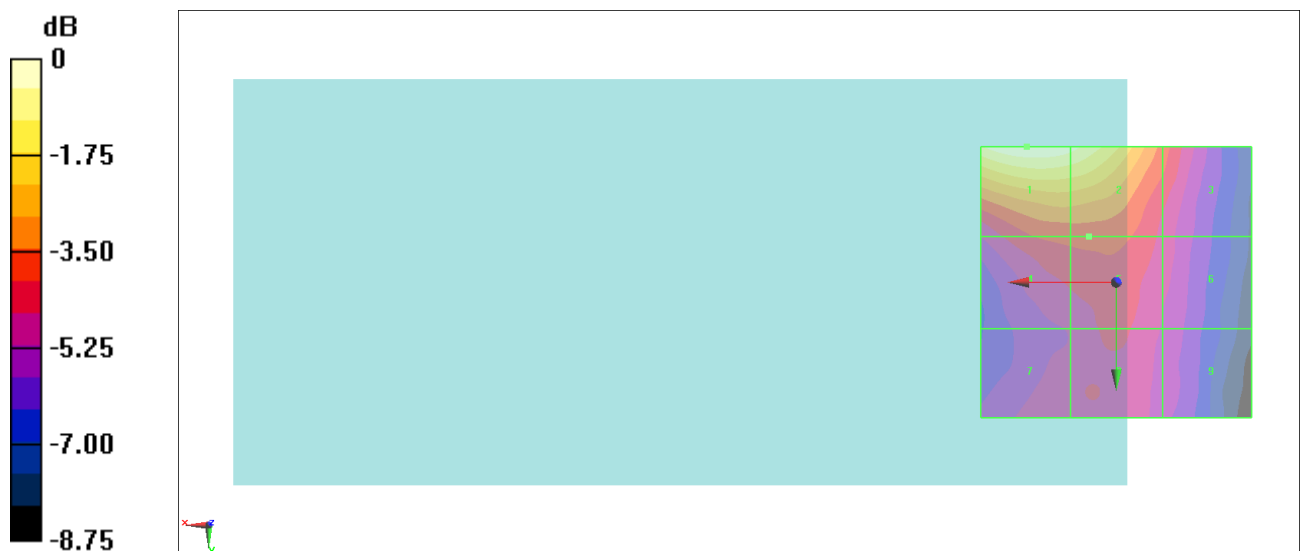
Grid 1 M4 32.5 dBV/m	Grid 2 M4 32.19 dBV/m	Grid 3 M4 28.79 dBV/m
Grid 4 M4 28.66 dBV/m	Grid 5 M4 28.7 dBV/m	Grid 6 M4 27.67 dBV/m
Grid 7 M4 27.64 dBV/m	Grid 8 M4 28.07 dBV/m	Grid 9 M4 27.23 dBV/m

Cursor:

Total = 32.50 dBV/m

E Category: M4

Location: 16.5, -25, 8.7 mm



0 dB = 42.17 V/m = 32.50 dBV/m

#07_HAC_E_GSM1900_GSM Voice_Ch512

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 1850.2 MHz; Duty Cycle: 1:8.69961

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: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- 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 = 10.25 V/m; Power Drift = -0.16 dB

Applied MIF = 3.63 dB

RF audio interference level = 25.29 dBV/m

Emission category: M4

MIF scaled E-field

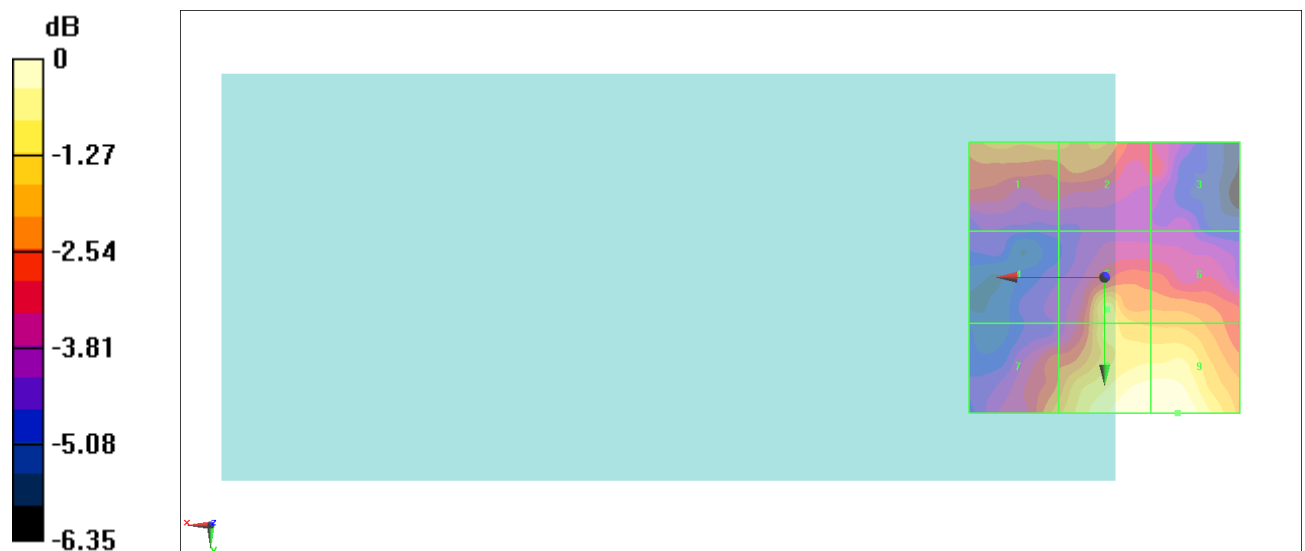
Grid 1 M4 23.51 dBV/m	Grid 2 M4 23.43 dBV/m	Grid 3 M4 22.19 dBV/m
Grid 4 M4 21.35 dBV/m	Grid 5 M4 24.23 dBV/m	Grid 6 M4 23.53 dBV/m
Grid 7 M4 23.47 dBV/m	Grid 8 M4 25.25 dBV/m	Grid 9 M4 25.29 dBV/m

Cursor:

Total = 25.29 dBV/m

E Category: M4

Location: -13.5, 25, 8.7 mm



0 dB = 18.39 V/m = 25.29 dBV/m

#08_HAC_E_GSM1900_GSM Voice_Ch661

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz; Duty Cycle: 1:8.69961

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: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- 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 = 10.71 V/m; Power Drift = -0.17 dB

Applied MIF = 3.63 dB

RF audio interference level = 25.77 dBV/m

Emission category: M4

MIF scaled E-field

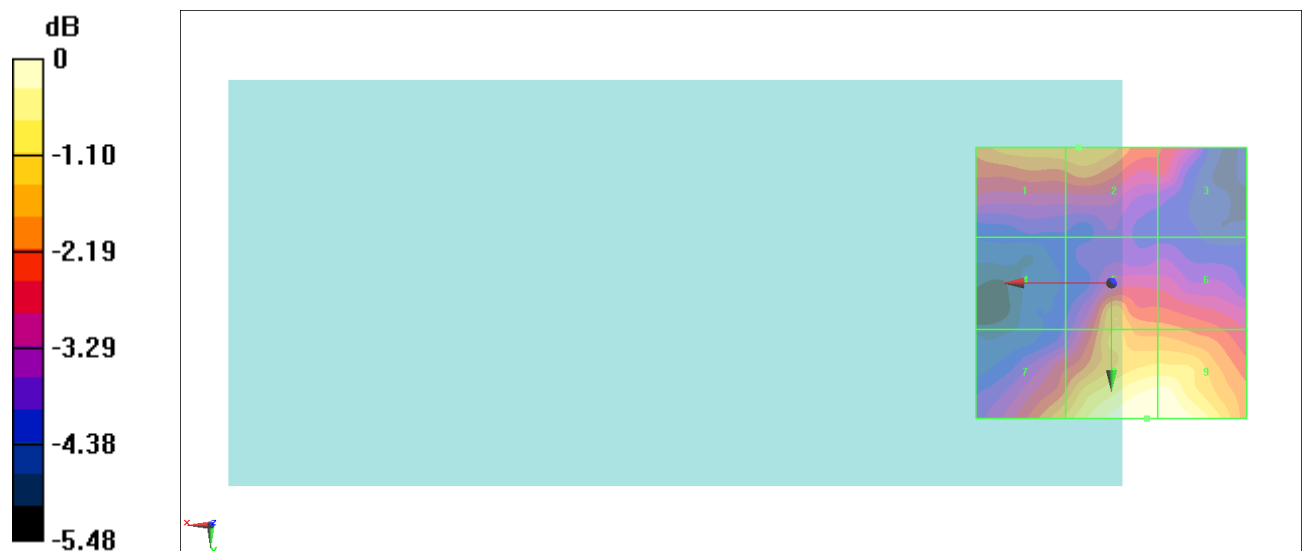
Grid 1 M4 24.26 dBV/m	Grid 2 M4 24.35 dBV/m	Grid 3 M4 23.33 dBV/m
Grid 4 M4 21.87 dBV/m	Grid 5 M4 24.35 dBV/m	Grid 6 M4 23.77 dBV/m
Grid 7 M4 24.43 dBV/m	Grid 8 M4 25.77 dBV/m	Grid 9 M4 25.74 dBV/m

Cursor:

Total = 25.77 dBV/m

E Category: M4

Location: -6.5, 25, 8.7 mm



0 dB = 19.44 V/m = 25.77 dBV/m

#09_HAC_E_GSM1900_GSM Voice_Ch810

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 1909.8 MHz; Duty Cycle: 1:8.69961

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: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- 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 = 12.04 V/m; Power Drift = -0.09 dB

Applied MIF = 3.63 dB

RF audio interference level = 26.34 dBV/m

Emission category: M4

MIF scaled E-field

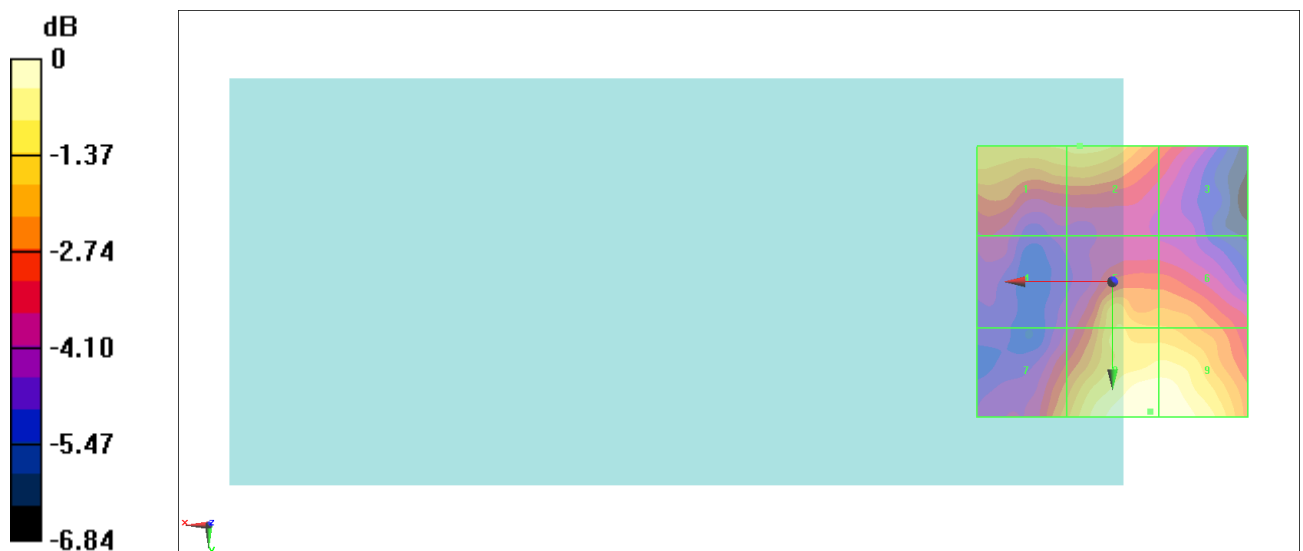
Grid 1 M4 25.07 dBV/m	Grid 2 M4 25.16 dBV/m	Grid 3 M4 23.63 dBV/m
Grid 4 M4 22.72 dBV/m	Grid 5 M4 25.04 dBV/m	Grid 6 M4 24.58 dBV/m
Grid 7 M4 24.4 dBV/m	Grid 8 M4 26.34 dBV/m	Grid 9 M4 26.32 dBV/m

Cursor:

Total = 26.34 dBV/m

E Category: M4

Location: -7, 24, 8.7 mm



0 dB = 20.75 V/m = 26.34 dBV/m

#10_HAC_E_GSM1900_GSM Voice_Ch512

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 1850.2 MHz; Duty Cycle: 1:8.69961

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: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- 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 = 22.64 V/m; Power Drift = -0.04 dB

Applied MIF = 3.63 dB

RF audio interference level = 31.35 dBV/m

Emission category: M3

MIF scaled E-field

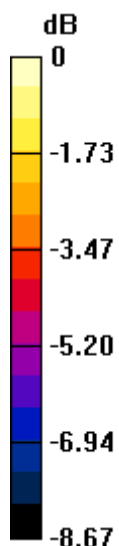
Grid 1 M4 29.58 dBV/m	Grid 2 M3 31.35 dBV/m	Grid 3 M3 31.23 dBV/m
Grid 4 M4 27.93 dBV/m	Grid 5 M3 30.22 dBV/m	Grid 6 M3 30.17 dBV/m
Grid 7 M4 27.51 dBV/m	Grid 8 M4 28.31 dBV/m	Grid 9 M4 28.15 dBV/m

Cursor:

Total = 31.35 dBV/m

E Category: M3

Location: -5, -22.5, 8.7 mm



0 dB = 36.93 V/m = 31.35 dBV/m

#11_HAC_E_GSM1900_GSM Voice_Ch661

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz; Duty Cycle: 1:8.69961

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: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- 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 = 22.57 V/m; Power Drift = 0.03 dB

Applied MIF = 3.63 dB

RF audio interference level = 31.13 dBV/m

Emission category: M3

MIF scaled E-field

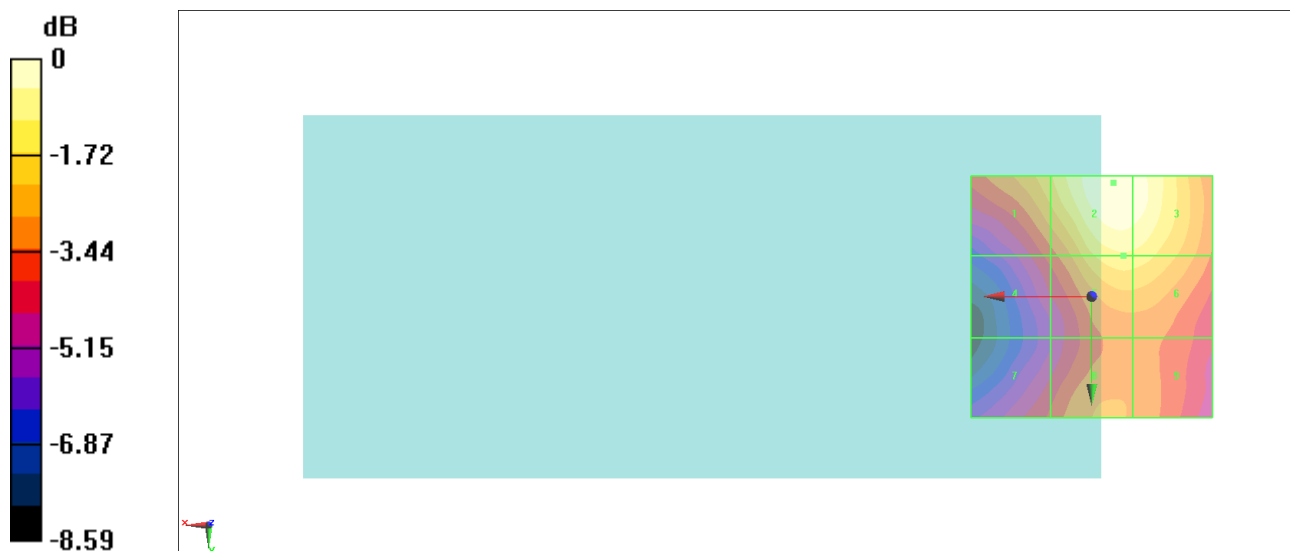
Grid 1 M4 29.36 dBV/m	Grid 2 M3 31.13 dBV/m	Grid 3 M3 30.96 dBV/m
Grid 4 M4 27.44 dBV/m	Grid 5 M4 29.9 dBV/m	Grid 6 M4 29.84 dBV/m
Grid 7 M4 27.28 dBV/m	Grid 8 M4 28.35 dBV/m	Grid 9 M4 28.23 dBV/m

Cursor:

Total = 31.13 dBV/m

E Category: M3

Location: -4.5, -23.5, 8.7 mm



0 dB = 36.03 V/m = 31.13 dBV/m

#12_HAC_E_GSM1900_GSM Voice_Ch810

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 1909.8 MHz; Duty Cycle: 1:8.69961

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: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- 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 = 22.25 V/m; Power Drift = 0.11 dB

Applied MIF = 3.63 dB

RF audio interference level = 31.33 dBV/m

Emission category: M3

MIF scaled E-field

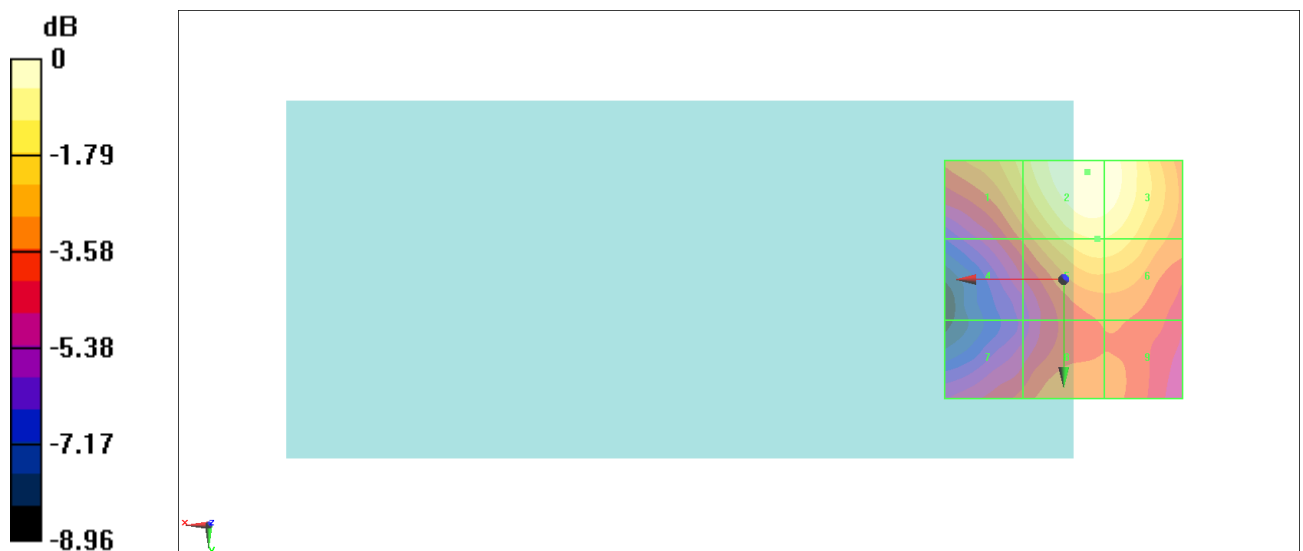
Grid 1 M4 29.84 dBV/m	Grid 2 M3 31.33 dBV/m	Grid 3 M3 31.2 dBV/m
Grid 4 M4 27.9 dBV/m	Grid 5 M3 30.14 dBV/m	Grid 6 M3 30.11 dBV/m
Grid 7 M4 27.44 dBV/m	Grid 8 M4 28.31 dBV/m	Grid 9 M4 28.09 dBV/m

Cursor:

Total = 31.33 dBV/m

E Category: M3

Location: -5, -22.5, 8.7 mm



0 dB = 36.86 V/m = 31.33 dBV/m

#13_HAC_E_LTE Band 41_20M_QPSK_1_49_Ch39750

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 2506 MHz; Duty Cycle: 1:8.33105

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) @ 2506 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- 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 = 10.77 V/m; Power Drift = -0.04 dB

Applied MIF = -1.62 dB

RF audio interference level = 21.47 dBV/m

Emission category: M4

MIF scaled E-field

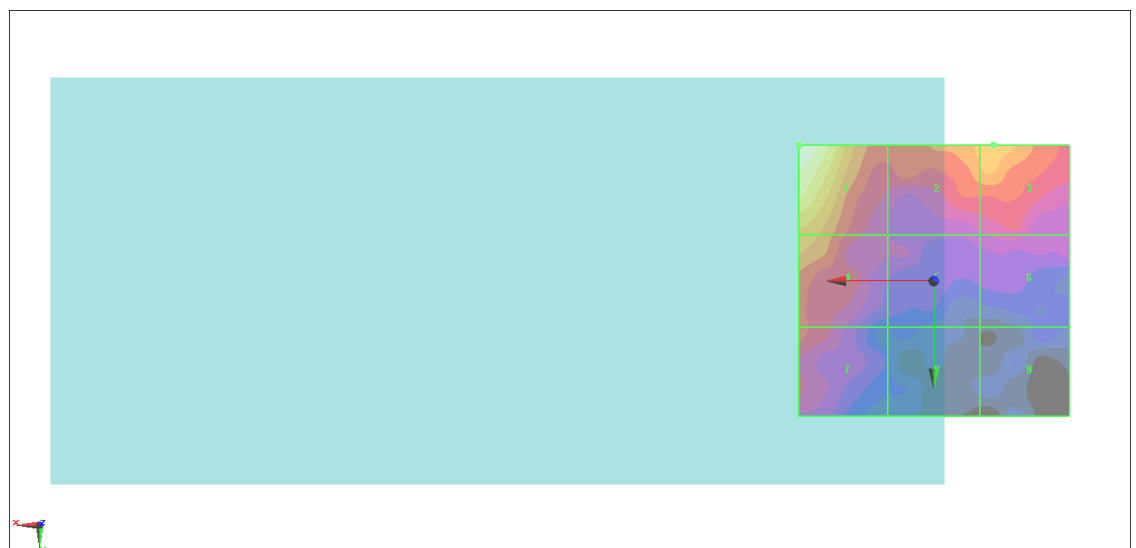
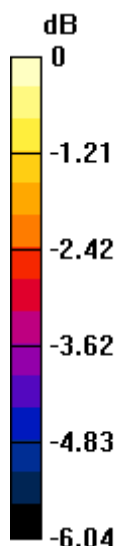
Grid 1 M4 21.47 dBV/m	Grid 2 M4 19.64 dBV/m	Grid 3 M4 19.74 dBV/m
Grid 4 M4 19.76 dBV/m	Grid 5 M4 17.94 dBV/m	Grid 6 M4 18.1 dBV/m
Grid 7 M4 18.88 dBV/m	Grid 8 M4 16.89 dBV/m	Grid 9 M4 16.99 dBV/m

Cursor:

Total = 21.47 dBV/m

E Category: M4

Location: 25, -25, 8.7 mm



0 dB = 11.85 V/m = 21.47 dBV/m

#14_HAC_E_LTE Band 41_20M_QPSK_1_49_Ch40185

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 2549.5 MHz; Duty Cycle: 1:8.33105

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) @ 2549.5 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- 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 = 10.66 V/m; Power Drift = -0.10 dB

Applied MIF = -1.62 dB

RF audio interference level = 20.51 dBV/m

Emission category: M4

MIF scaled E-field

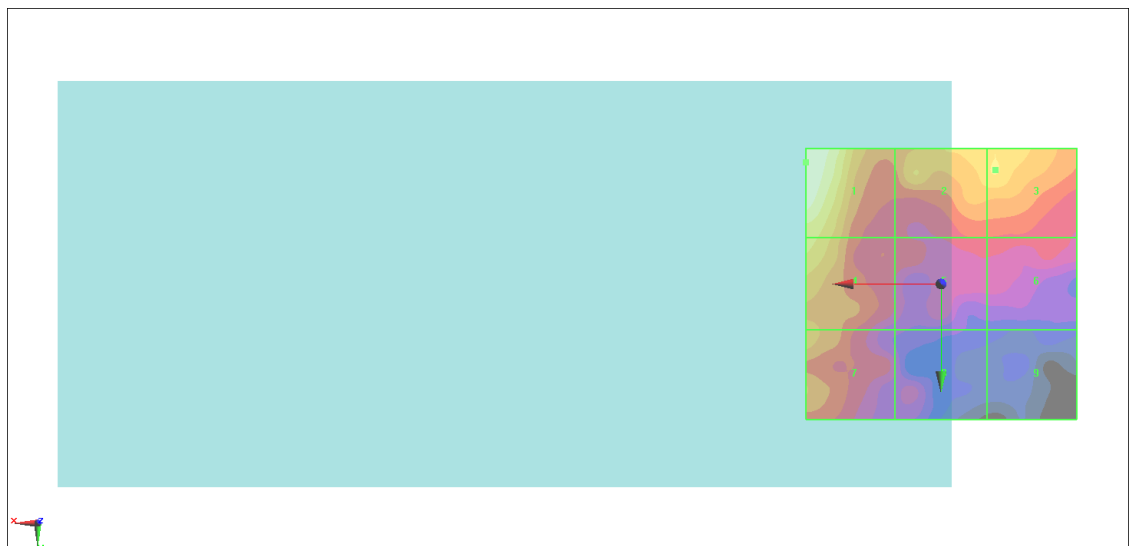
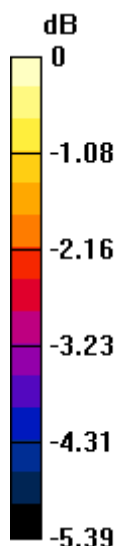
Grid 1 M4 20.51 dBV/m	Grid 2 M4 19.41 dBV/m	Grid 3 M4 19.47 dBV/m
Grid 4 M4 19.59 dBV/m	Grid 5 M4 18 dBV/m	Grid 6 M4 17.99 dBV/m
Grid 7 M4 19.01 dBV/m	Grid 8 M4 17.48 dBV/m	Grid 9 M4 16.56 dBV/m

Cursor:

Total = 20.51 dBV/m

E Category: M4

Location: 25, -22.5, 8.7 mm



0 dB = 10.61 V/m = 20.51 dBV/m

#15_HAC_E_LTE Band 41_20M_QPSK_1_49_Ch40620

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 2593 MHz; Duty Cycle: 1:8.33105

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) @ 2593 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- 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 = 11.28 V/m; Power Drift = -0.02 dB

Applied MIF = -1.62 dB

RF audio interference level = 20.39 dBV/m

Emission category: M4

MIF scaled E-field

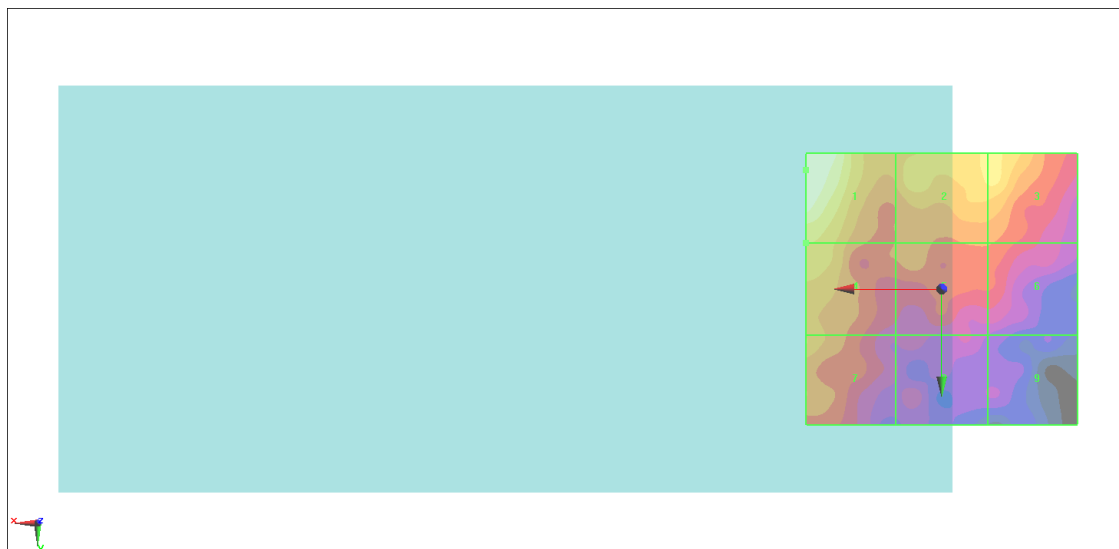
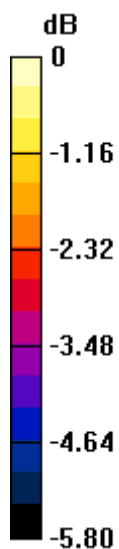
Grid 1 M4 20.39 dBV/m	Grid 2 M4 19.35 dBV/m	Grid 3 M4 19.38 dBV/m
Grid 4 M4 19.24 dBV/m	Grid 5 M4 18.33 dBV/m	Grid 6 M4 18.12 dBV/m
Grid 7 M4 18.88 dBV/m	Grid 8 M4 17.17 dBV/m	Grid 9 M4 16.62 dBV/m

Cursor:

Total = 20.39 dBV/m

E Category: M4

Location: 25, -22, 8.7 mm



0 dB = 10.46 V/m = 20.39 dBV/m

#16_HAC_E_LTE Band 41_20M_QPSK_1_49_Ch41055

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 2636.5 MHz; Duty Cycle: 1:8.33105

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) @ 2636.5 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- 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 = 10.78 V/m; Power Drift = -0.16 dB

Applied MIF = -1.62 dB

RF audio interference level = 20.52 dBV/m

Emission category: M4

MIF scaled E-field

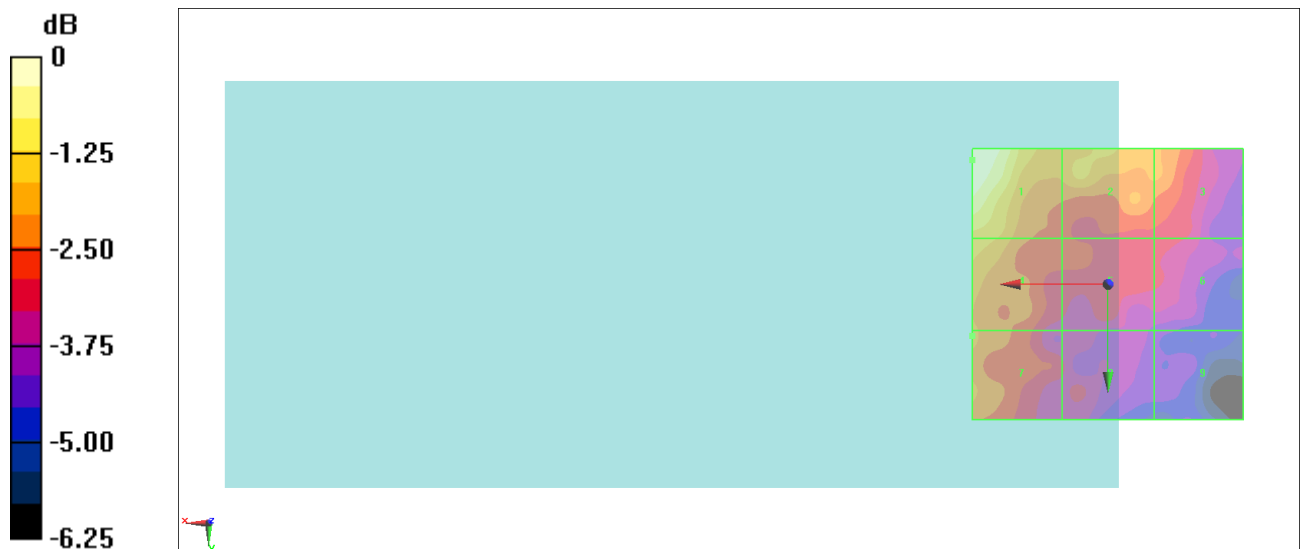
Grid 1 M4 20.52 dBV/m	Grid 2 M4 18.98 dBV/m	Grid 3 M4 18.53 dBV/m
Grid 4 M4 19.17 dBV/m	Grid 5 M4 17.92 dBV/m	Grid 6 M4 17.49 dBV/m
Grid 7 M4 18.58 dBV/m	Grid 8 M4 17.32 dBV/m	Grid 9 M4 16.35 dBV/m

Cursor:

Total = 20.52 dBV/m

E Category: M4

Location: 25, -23, 8.7 mm



0 dB = 10.62 V/m = 20.52 dBV/m

#17_HAC_E_LTE Band 41_20M_QPSK_1_49_Ch41490

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 2680 MHz; Duty Cycle: 1:8.33105

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) @ 2680 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- 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 = 11.50 V/m; Power Drift = -0.01 dB

Applied MIF = -1.62 dB

RF audio interference level = 19.90 dBV/m

Emission category: M4

MIF scaled E-field

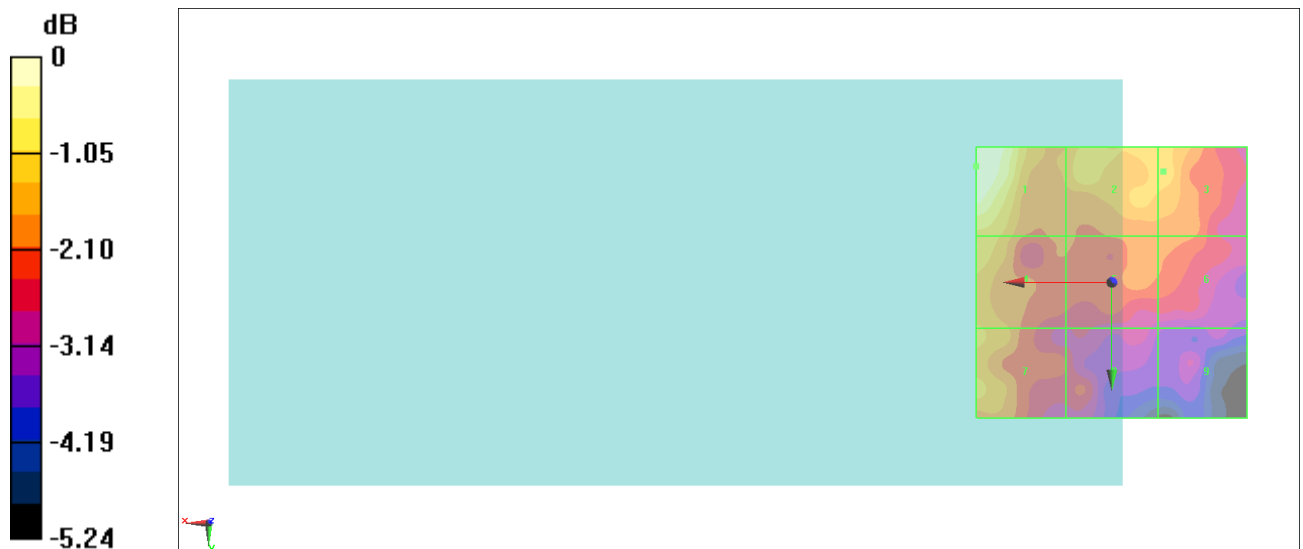
Grid 1 M4 19.9 dBV/m	Grid 2 M4 18.84 dBV/m	Grid 3 M4 18.75 dBV/m
Grid 4 M4 18.87 dBV/m	Grid 5 M4 18.02 dBV/m	Grid 6 M4 17.99 dBV/m
Grid 7 M4 18.68 dBV/m	Grid 8 M4 17.53 dBV/m	Grid 9 M4 16.8 dBV/m

Cursor:

Total = 19.90 dBV/m

E Category: M4

Location: 25, -21.5, 8.7 mm



0 dB = 9.881 V/m = 19.90 dBV/m

#18_HAC_E_LTE Band 41_20M_QPSK_1_49_Ch39750

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 2506 MHz; Duty Cycle: 1:8.33105

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) @ 2506 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- 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 = 29.55 V/m; Power Drift = -0.14 dB

Applied MIF = -1.62 dB

RF audio interference level = 24.99 dBV/m

Emission category: M4

MIF scaled E-field

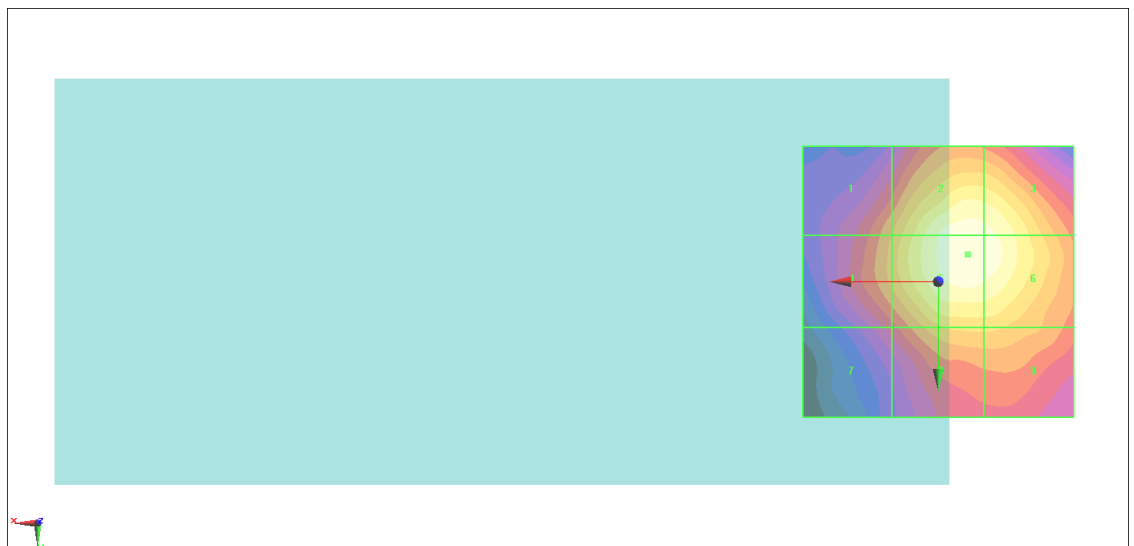
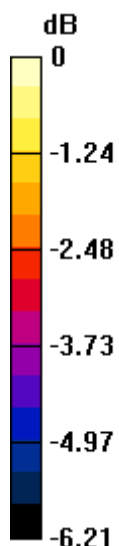
Grid 1 M4 22.96 dBV/m	Grid 2 M4 24.85 dBV/m	Grid 3 M4 24.77 dBV/m
Grid 4 M4 23.13 dBV/m	Grid 5 M4 24.99 dBV/m	Grid 6 M4 24.9 dBV/m
Grid 7 M4 21.91 dBV/m	Grid 8 M4 23.47 dBV/m	Grid 9 M4 23.45 dBV/m

Cursor:

Total = 24.99 dBV/m

E Category: M4

Location: -5.5, -5, 8.7 mm



0 dB = 17.76 V/m = 24.99 dBV/m

#19_HAC_E_LTE Band 41_20M_QPSK_1_49_Ch40185

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 2549.5 MHz; Duty Cycle: 1:8.33105

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) @ 2549.5 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- 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 = 30.44 V/m; Power Drift = -0.03 dB

Applied MIF = -1.62 dB

RF audio interference level = 25.22 dBV/m

Emission category: M4

MIF scaled E-field

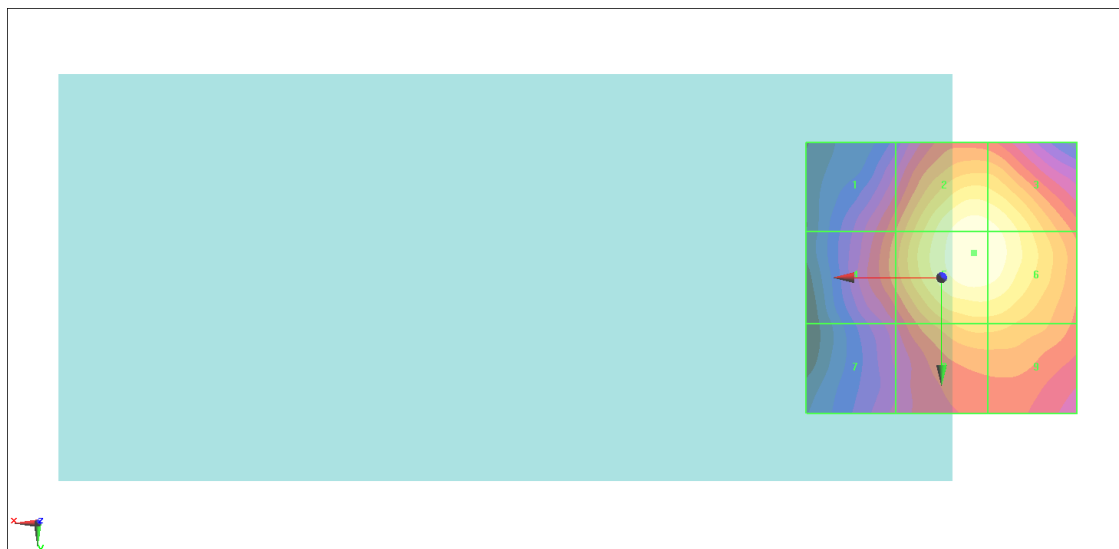
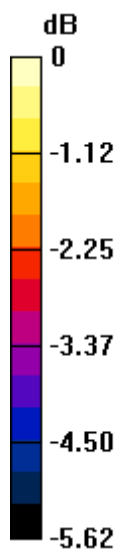
Grid 1 M4 22.98 dBV/m	Grid 2 M4 25.11 dBV/m	Grid 3 M4 25.04 dBV/m
Grid 4 M4 23.24 dBV/m	Grid 5 M4 25.22 dBV/m	Grid 6 M4 25.15 dBV/m
Grid 7 M4 22.23 dBV/m	Grid 8 M4 23.93 dBV/m	Grid 9 M4 23.92 dBV/m

Cursor:

Total = 25.22 dBV/m

E Category: M4

Location: -6, -4.5, 8.7 mm



0 dB = 18.24 V/m = 25.22 dBV/m

#20_HAC_E_LTE Band 41_20M_QPSK_1_49_Ch40620

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 2593 MHz; Duty Cycle: 1:8.33105

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) @ 2593 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- 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 = 31.37 V/m; Power Drift = -0.01 dB

Applied MIF = -1.62 dB

RF audio interference level = 25.50 dBV/m

Emission category: M4

MIF scaled E-field

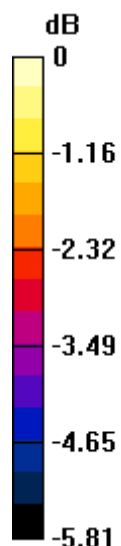
Grid 1 M4 23.03 dBV/m	Grid 2 M4 25.31 dBV/m	Grid 3 M4 25.24 dBV/m
Grid 4 M4 23.37 dBV/m	Grid 5 M4 25.5 dBV/m	Grid 6 M4 25.43 dBV/m
Grid 7 M4 22.58 dBV/m	Grid 8 M4 24.38 dBV/m	Grid 9 M4 24.36 dBV/m

Cursor:

Total = 25.50 dBV/m

E Category: M4

Location: -6, -4, 8.7 mm



0 dB = 18.83 V/m = 25.50 dBV/m

#21_HAC_E_LTE Band 41_20M_QPSK_1_49_Ch41055

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 2636.5 MHz; Duty Cycle: 1:8.33105

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) @ 2636.5 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- 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 = 30.89 V/m; Power Drift = 0.01 dB

Applied MIF = -1.62 dB

RF audio interference level = 25.15 dBV/m

Emission category: M4

MIF scaled E-field

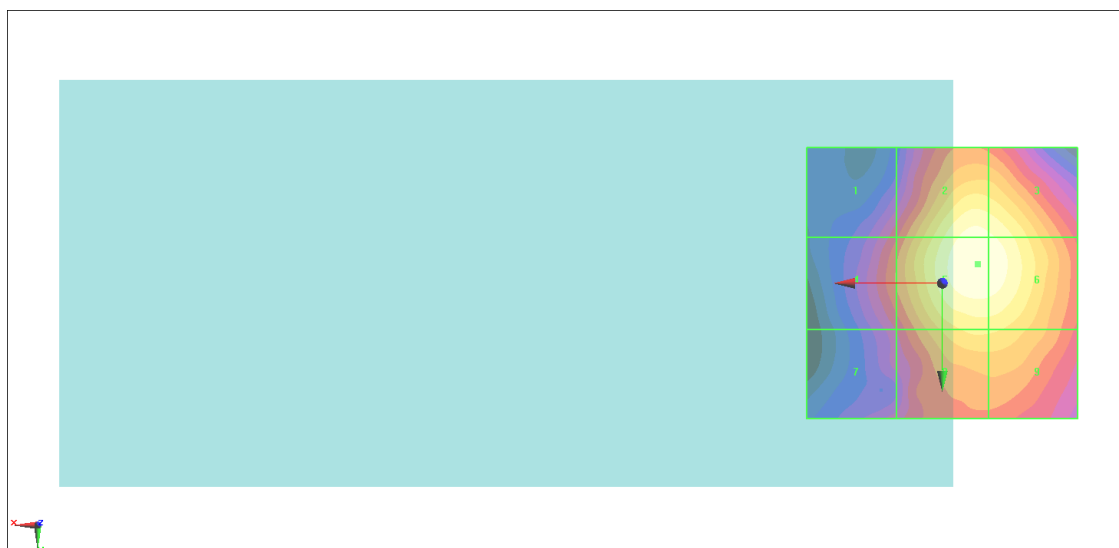
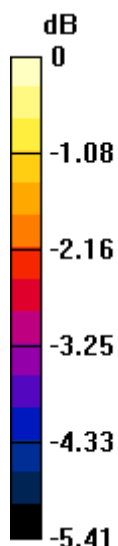
Grid 1 M4 22.57 dBV/m	Grid 2 M4 24.97 dBV/m	Grid 3 M4 24.88 dBV/m
Grid 4 M4 23.04 dBV/m	Grid 5 M4 25.15 dBV/m	Grid 6 M4 25.1 dBV/m
Grid 7 M4 22.3 dBV/m	Grid 8 M4 24.18 dBV/m	Grid 9 M4 24.16 dBV/m

Cursor:

Total = 25.15 dBV/m

E Category: M4

Location: -6.5, -3.5, 8.7 mm



0 dB = 18.09 V/m = 25.15 dBV/m

#22_HAC_E_LTE Band 41_20M_QPSK_1_49_Ch41490

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 2680 MHz; Duty Cycle: 1:8.33105

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) @ 2680 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- 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 = 32.13 V/m; Power Drift = -0.02 dB

Applied MIF = -1.62 dB

RF audio interference level = 25.53 dBV/m

Emission category: M4

MIF scaled E-field

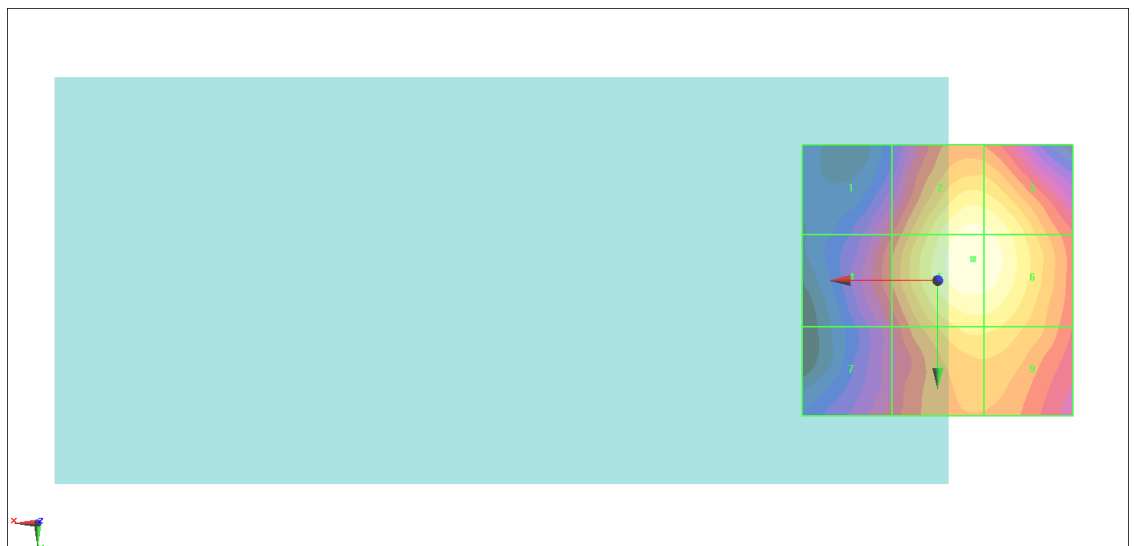
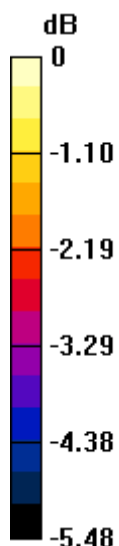
Grid 1 M4 22.94 dBV/m	Grid 2 M4 25.35 dBV/m	Grid 3 M4 25.31 dBV/m
Grid 4 M4 23.38 dBV/m	Grid 5 M4 25.53 dBV/m	Grid 6 M4 25.46 dBV/m
Grid 7 M4 22.82 dBV/m	Grid 8 M4 24.59 dBV/m	Grid 9 M4 24.57 dBV/m

Cursor:

Total = 25.53 dBV/m

E Category: M4

Location: -6.5, -4, 8.7 mm



0 dB = 18.91 V/m = 25.53 dBV/m

#23_HAC_E_LTE Band 48_20M_QPSK_1_0_Ch55340

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 3560 MHz; Duty Cycle: 1:8.33105

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) @ 3560 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- 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 = 28.33 V/m; Power Drift = 0.16 dB

Applied MIF = -1.62 dB

RF audio interference level = 24.71 dBV/m

Emission category: M4

MIF scaled E-field

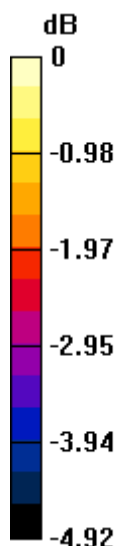
Grid 1 M4 21.5 dBV/m	Grid 2 M4 24.38 dBV/m	Grid 3 M4 24.38 dBV/m
Grid 4 M4 22.05 dBV/m	Grid 5 M4 24.71 dBV/m	Grid 6 M4 24.7 dBV/m
Grid 7 M4 21.75 dBV/m	Grid 8 M4 23.73 dBV/m	Grid 9 M4 23.72 dBV/m

Cursor:

Total = 24.71 dBV/m

E Category: M4

Location: -7.5, -2.5, 8.7 mm



0 dB = 17.20 V/m = 24.71 dBV/m

#24_HAC_E_LTE Band 48_20M_QPSK_1_0_Ch55830

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 3609 MHz; Duty Cycle: 1:8.33105

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) @ 3609 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- 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 = 37.53 V/m; Power Drift = 0.07 dB

Applied MIF = -1.62 dB

RF audio interference level = 26.78 dBV/m

Emission category: M4

MIF scaled E-field

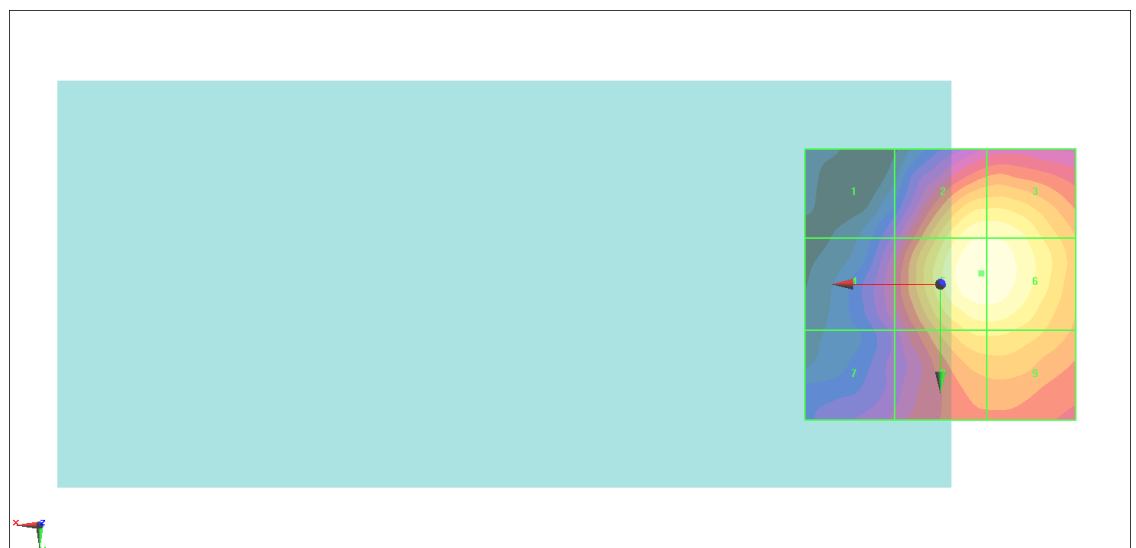
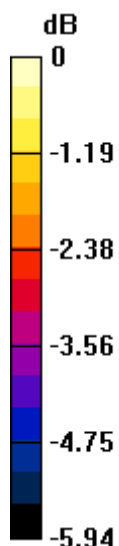
Grid 1 M4 23.03 dBV/m	Grid 2 M4 26.42 dBV/m	Grid 3 M4 26.42 dBV/m
Grid 4 M4 23.71 dBV/m	Grid 5 M4 26.78 dBV/m	Grid 6 M4 26.78 dBV/m
Grid 7 M4 23.36 dBV/m	Grid 8 M4 25.74 dBV/m	Grid 9 M4 25.74 dBV/m

Cursor:

Total = 26.78 dBV/m

E Category: M4

Location: -7.5, -2, 8.7 mm



0 dB = 21.84 V/m = 26.78 dBV/m

#25_HAC_E_LTE Band 48_20M_QPSK_1_0_Ch56150

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 3641 MHz; Duty Cycle: 1:8.33105

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) @ 3641 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- 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 = 40.47 V/m; Power Drift = 0.05 dB

Applied MIF = -1.62 dB

RF audio interference level = 27.39 dBV/m

Emission category: M4

MIF scaled E-field

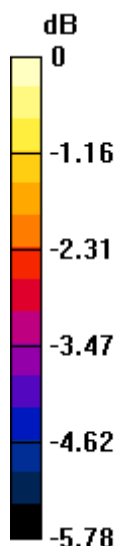
Grid 1 M4 23.69 dBV/m	Grid 2 M4 27.23 dBV/m	Grid 3 M4 27.23 dBV/m
Grid 4 M4 24.27 dBV/m	Grid 5 M4 27.39 dBV/m	Grid 6 M4 27.38 dBV/m
Grid 7 M4 23.65 dBV/m	Grid 8 M4 26.25 dBV/m	Grid 9 M4 26.25 dBV/m

Cursor:

Total = 27.39 dBV/m

E Category: M4

Location: -7.5, -4, 8.7 mm



0 dB = 23.40 V/m = 27.38 dBV/m

#26_HAC_E_LTE Band 48_20M_QPSK_1_0_Ch56640

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 3690 MHz; Duty Cycle: 1:8.33105

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) @ 3690 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- 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 = 38.81 V/m; Power Drift = 0.00 dB

Applied MIF = -1.62 dB

RF audio interference level = 27.17 dBV/m

Emission category: M4

MIF scaled E-field

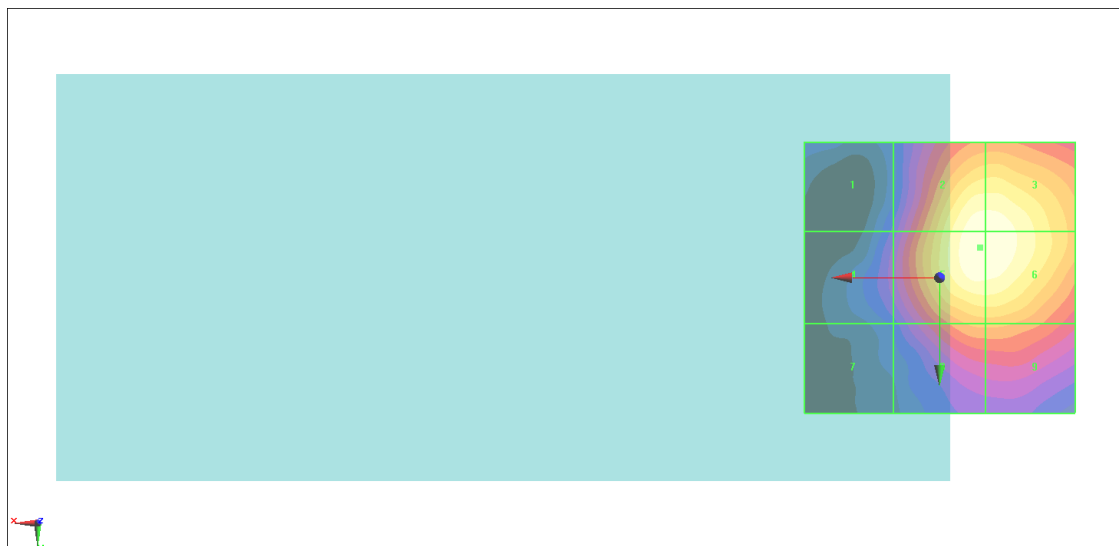
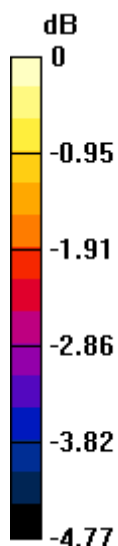
Grid 1 M4 23.82 dBV/m	Grid 2 M4 27.1 dBV/m	Grid 3 M4 27.1 dBV/m
Grid 4 M4 24.21 dBV/m	Grid 5 M4 27.17 dBV/m	Grid 6 M4 27.16 dBV/m
Grid 7 M4 23.52 dBV/m	Grid 8 M4 25.69 dBV/m	Grid 9 M4 25.69 dBV/m

Cursor:

Total = 27.17 dBV/m

E Category: M4

Location: -7.5, -5.5, 8.7 mm



0 dB = 22.82 V/m = 27.17 dBV/m

#27_HAC_E_LTE Band 48_20M_QPSK_1_0_Ch55340

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 3560 MHz; Duty Cycle: 1:8.33105

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) @ 3560 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- 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 = 29.13 V/m; Power Drift = 0.00 dB

Applied MIF = -1.62 dB

RF audio interference level = 24.73 dBV/m

Emission category: M4

MIF scaled E-field

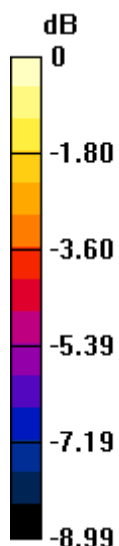
Grid 1 M4 20.45 dBV/m	Grid 2 M4 24.48 dBV/m	Grid 3 M4 24.51 dBV/m
Grid 4 M4 21.47 dBV/m	Grid 5 M4 24.72 dBV/m	Grid 6 M4 24.73 dBV/m
Grid 7 M4 21.93 dBV/m	Grid 8 M4 23.73 dBV/m	Grid 9 M4 23.73 dBV/m

Cursor:

Total = 24.73 dBV/m

E Category: M4

Location: -9, -3, 8.7 mm



0 dB = 17.23 V/m = 24.73 dBV/m

#28_HAC_E_LTE Band 48_20M_QPSK_1_0_Ch55830

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 3609 MHz; Duty Cycle: 1:8.33105

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) @ 3609 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- 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 = 31.74 V/m; Power Drift = -0.12 dB

Applied MIF = -1.62 dB

RF audio interference level = 25.18 dBV/m

Emission category: M4

MIF scaled E-field

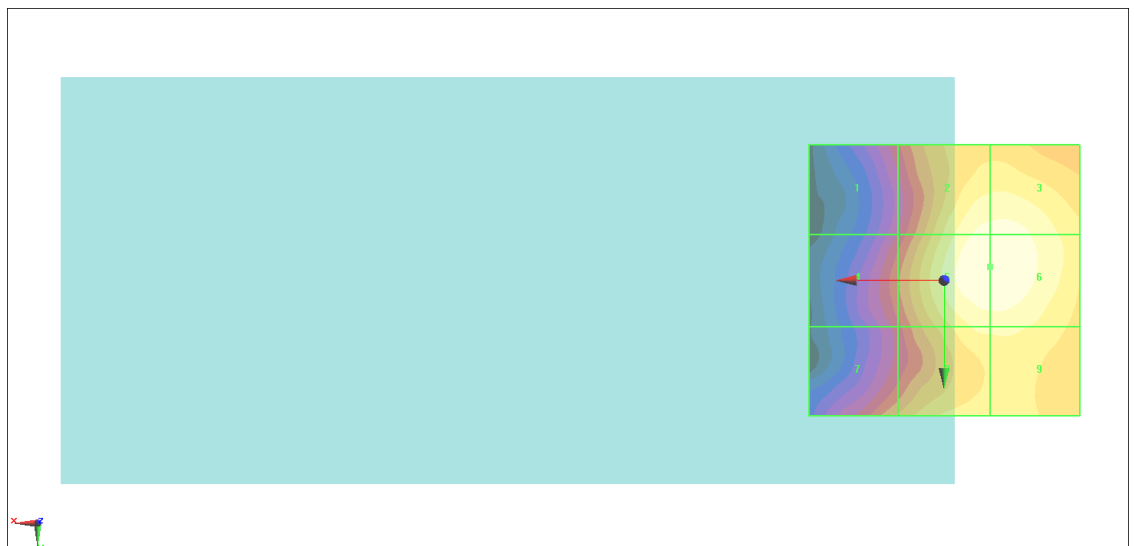
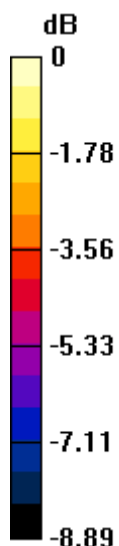
Grid 1 M4 20.97 dBV/m	Grid 2 M4 24.83 dBV/m	Grid 3 M4 24.86 dBV/m
Grid 4 M4 21.57 dBV/m	Grid 5 M4 25.18 dBV/m	Grid 6 M4 25.18 dBV/m
Grid 7 M4 22.38 dBV/m	Grid 8 M4 24.18 dBV/m	Grid 9 M4 24.19 dBV/m

Cursor:

Total = 25.18 dBV/m

E Category: M4

Location: -8.5, -2.5, 8.7 mm



0 dB = 18.15 V/m = 25.18 dBV/m

#29_HAC_E_LTE Band 48_20M_QPSK_1_0_Ch56150

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 3641 MHz; Duty Cycle: 1:8.33105

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) @ 3641 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- 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 = 33.95 V/m; Power Drift = -0.04 dB

Applied MIF = -1.62 dB

RF audio interference level = 25.65 dBV/m

Emission category: M4

MIF scaled E-field

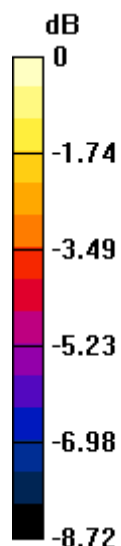
Grid 1 M4 21.52 dBV/m	Grid 2 M4 25.42 dBV/m	Grid 3 M4 25.44 dBV/m
Grid 4 M4 22.44 dBV/m	Grid 5 M4 25.65 dBV/m	Grid 6 M4 25.64 dBV/m
Grid 7 M4 22.43 dBV/m	Grid 8 M4 24.56 dBV/m	Grid 9 M4 24.55 dBV/m

Cursor:

Total = 25.65 dBV/m

E Category: M4

Location: -7.5, -3.5, 8.7 mm



0 dB = 19.16 V/m = 25.65 dBV/m

#30_HAC_E_LTE Band 48_20M_QPSK_1_0_Ch56640

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 3690 MHz; Duty Cycle: 1:8.33105

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) @ 3690 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- 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 = 33.97 V/m; Power Drift = 0.04 dB

Applied MIF = -1.62 dB

RF audio interference level = 26.08 dBV/m

Emission category: M4

MIF scaled E-field

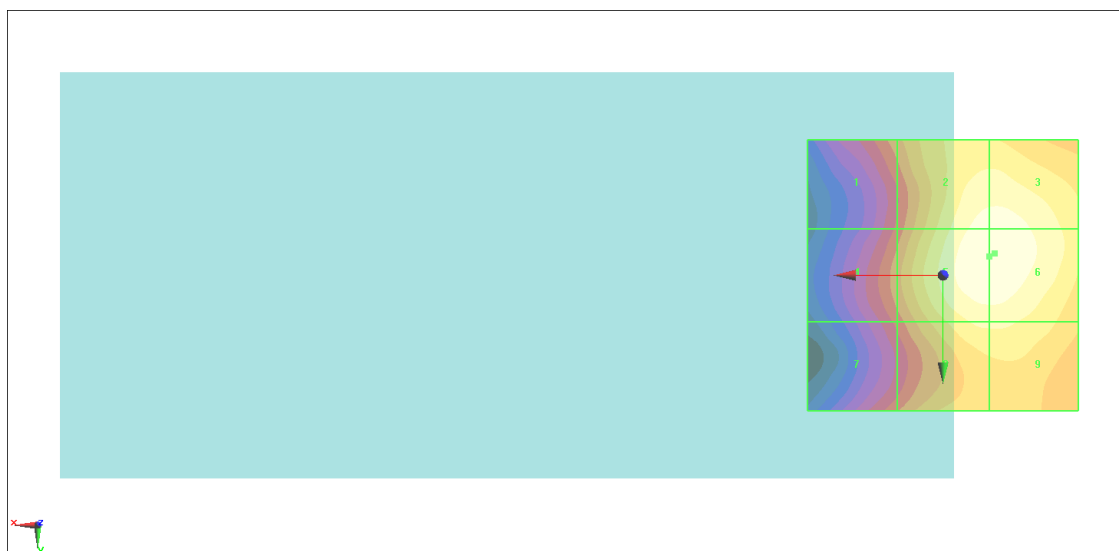
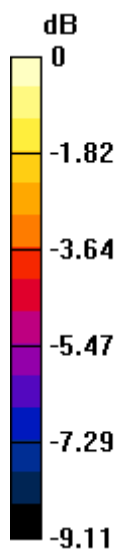
Grid 1 M4 22.84 dBV/m	Grid 2 M4 25.82 dBV/m	Grid 3 M4 25.84 dBV/m
Grid 4 M4 22.83 dBV/m	Grid 5 M4 26.07 dBV/m	Grid 6 M4 26.08 dBV/m
Grid 7 M4 22.39 dBV/m	Grid 8 M4 25.05 dBV/m	Grid 9 M4 25.05 dBV/m

Cursor:

Total = 26.08 dBV/m

E Category: M4

Location: -9.5, -4, 8.7 mm



0 dB = 20.13 V/m = 26.08 dBV/m

#31_HAC_E_WLAN2.4GHz_802.11g 6Mbps_Ch1

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 : 23.5 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2412 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- 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 = 7.512 V/m; Power Drift = 0.07 dB

Applied MIF = 0.12 dB

RF audio interference level = 25.65 dBV/m

Emission category: M4

MIF scaled E-field

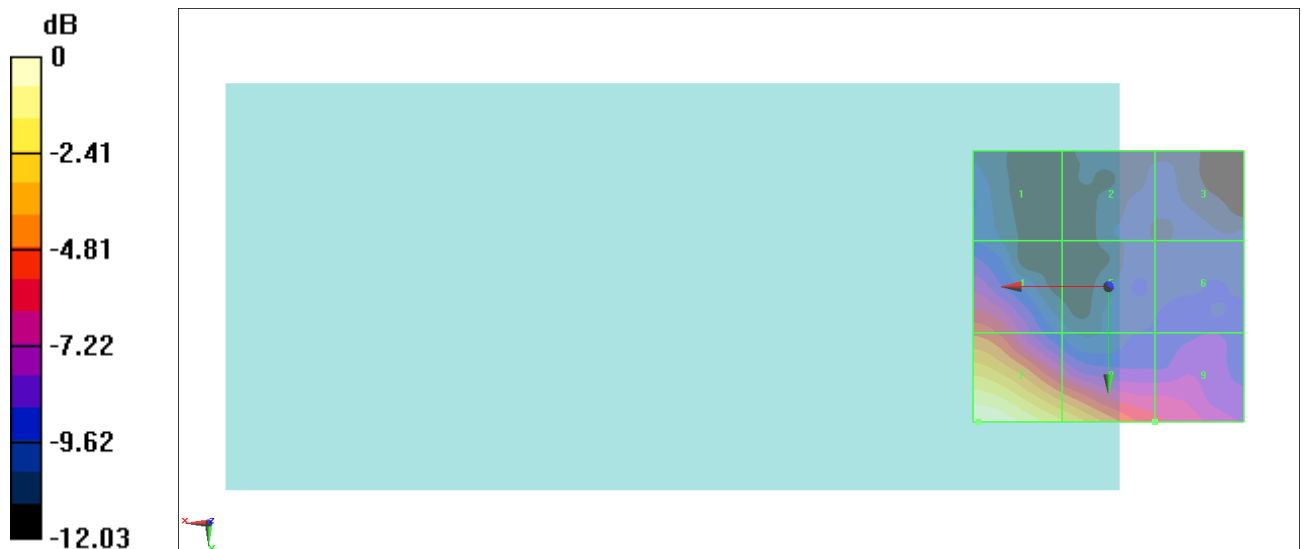
Grid 1 M4 16.24 dBV/m	Grid 2 M4 15.59 dBV/m	Grid 3 M4 15.76 dBV/m
Grid 4 M4 20.69 dBV/m	Grid 5 M4 16.2 dBV/m	Grid 6 M4 16.83 dBV/m
Grid 7 M4 25.65 dBV/m	Grid 8 M4 23.44 dBV/m	Grid 9 M4 19.52 dBV/m

Cursor:

Total = 25.65 dBV/m

E Category: M4

Location: 24, 25, 8.7 mm



0 dB = 19.16 V/m = 25.65 dBV/m

#32_HAC_E_WLAN2.4GHz_802.11g 6Mbps_Ch6

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 : 23.5 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2437 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- 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 = 6.468 V/m; Power Drift = -0.04 dB

Applied MIF = 0.12 dB

RF audio interference level = 23.69 dBV/m

Emission category: M4

MIF scaled E-field

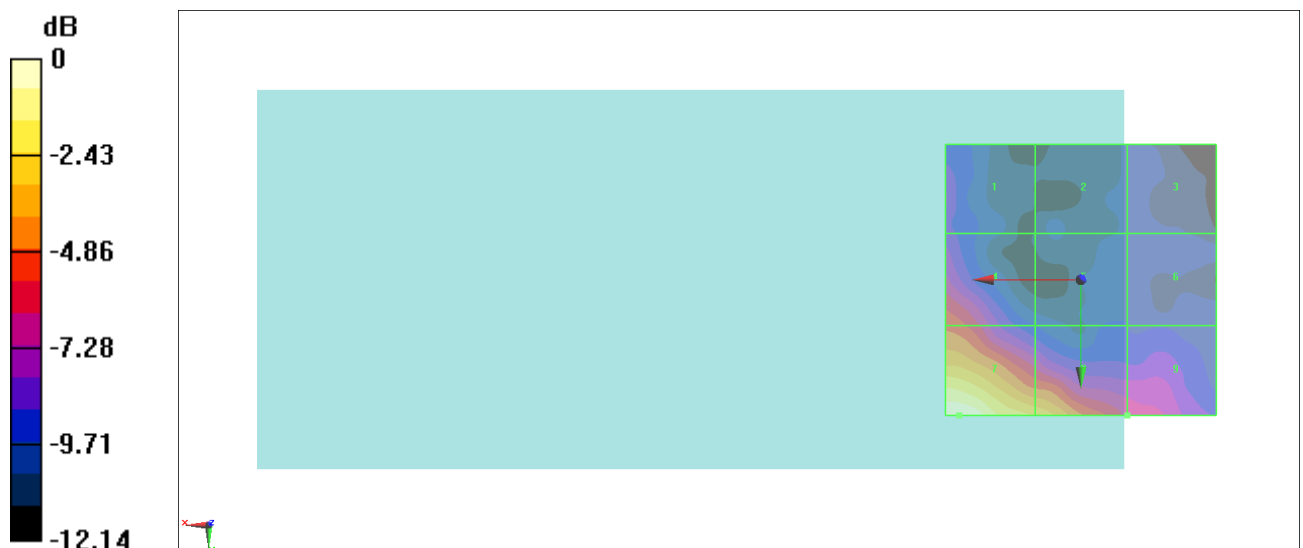
Grid 1 M4 15.76 dBV/m	Grid 2 M4 13.57 dBV/m	Grid 3 M4 13.76 dBV/m
Grid 4 M4 18.68 dBV/m	Grid 5 M4 14.25 dBV/m	Grid 6 M4 14.01 dBV/m
Grid 7 M4 23.69 dBV/m	Grid 8 M4 21.15 dBV/m	Grid 9 M4 17 dBV/m

Cursor:

Total = 23.69 dBV/m

E Category: M4

Location: 22.5, 25, 8.7 mm



0 dB = 15.29 V/m = 23.69 dBV/m

#33_HAC_E_WLAN2.4GHz_802.11g 6Mbps_Ch11

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 : 23.5 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2462 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- 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 = 5.596 V/m; Power Drift = 0.09 dB

Applied MIF = 0.12 dB

RF audio interference level = 26.54 dBV/m

Emission category: M4

MIF scaled E-field

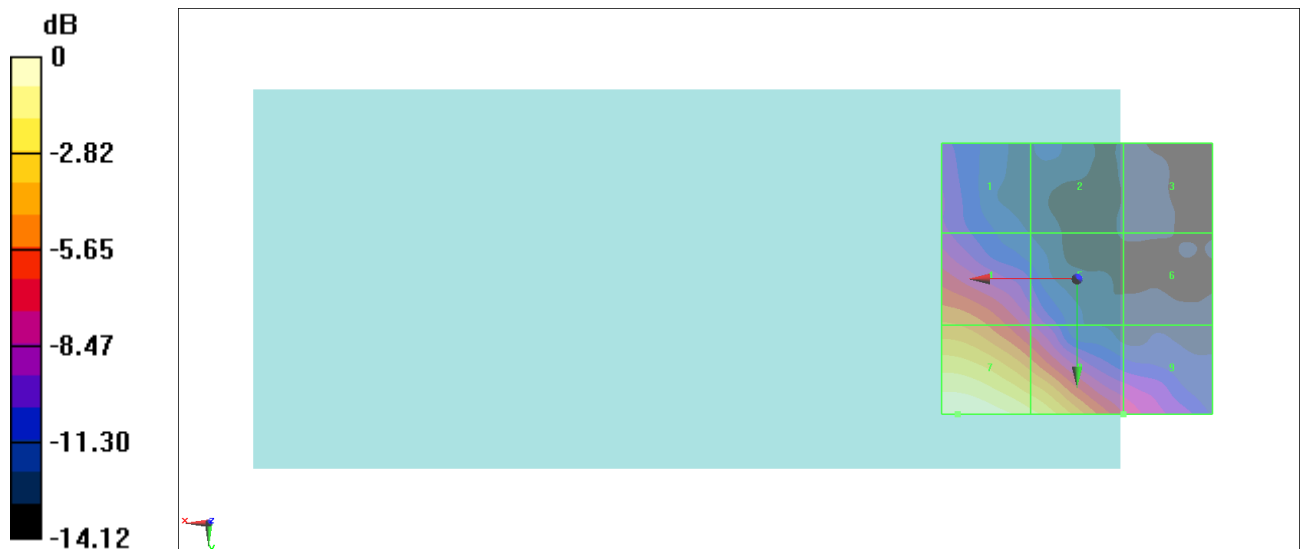
Grid 1 M4 17.53 dBV/m	Grid 2 M4 14.75 dBV/m	Grid 3 M4 14.21 dBV/m
Grid 4 M4 22.02 dBV/m	Grid 5 M4 18.37 dBV/m	Grid 6 M4 14.15 dBV/m
Grid 7 M4 26.54 dBV/m	Grid 8 M4 25.02 dBV/m	Grid 9 M4 19.08 dBV/m

Cursor:

Total = 26.54 dBV/m

E Category: M4

Location: 22, 25, 8.7 mm



0 dB = 21.23 V/m = 26.54 dBV/m