

#01_HAC_E_GSM850_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: 2021/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn915; Calibrated: 2020/6/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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 = 30.65 V/m; Power Drift = 0.11 dB

Applied MIF = 3.63 dB

RF audio interference level = 31.27 dBV/m

Emission category: M4

MIF scaled E-field

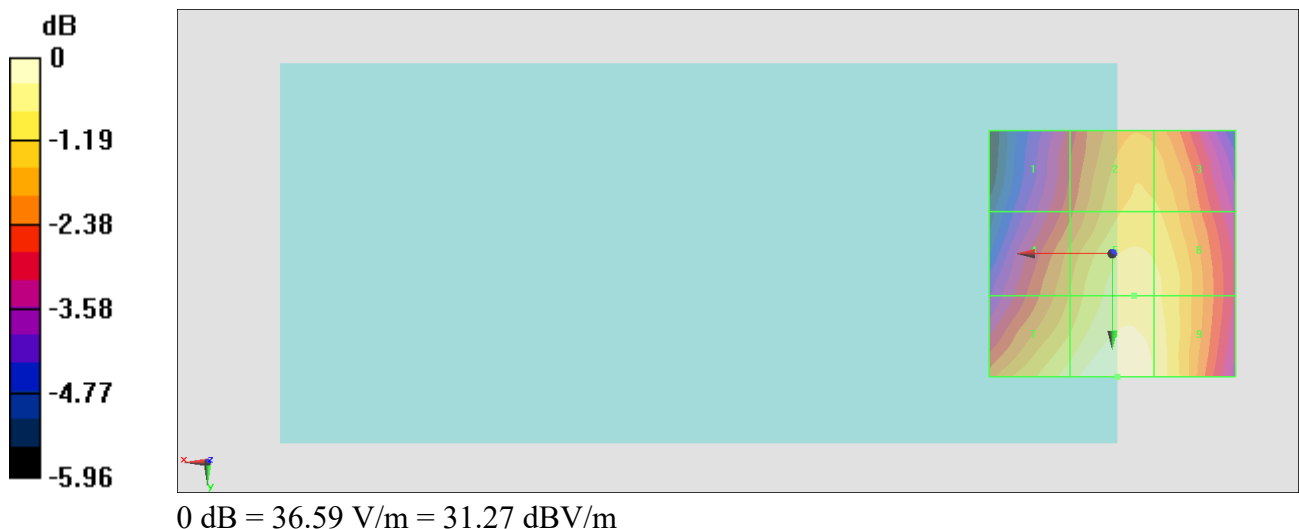
Grid 1 M4 28.8 dBV/m	Grid 2 M4 30.21 dBV/m	Grid 3 M4 30.16 dBV/m
Grid 4 M4 29.73 dBV/m	Grid 5 M4 30.76 dBV/m	Grid 6 M4 30.6 dBV/m
Grid 7 M4 30.71 dBV/m	Grid 8 M4 31.27 dBV/m	Grid 9 M4 30.84 dBV/m

Cursor:

Total = 31.27 dBV/m

E Category: M4

Location: -1, 25, 8.7 mm



#02_HAC_E_GSM850_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: 2021/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn915; Calibrated: 2020/6/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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 = 30.80 V/m; Power Drift = 0.17 dB

Applied MIF = 3.63 dB

RF audio interference level = 32.09 dBV/m

Emission category: M4

MIF scaled E-field

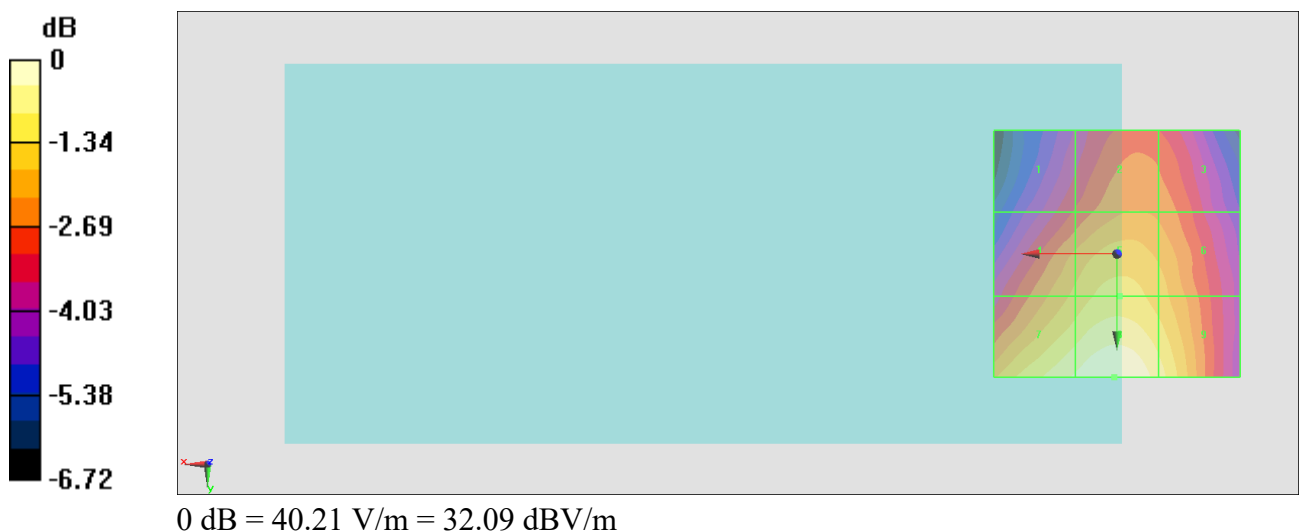
Grid 1 M4 29.04 dBV/m	Grid 2 M4 29.88 dBV/m	Grid 3 M4 29.76 dBV/m
Grid 4 M4 30.43 dBV/m	Grid 5 M4 30.94 dBV/m	Grid 6 M4 30.53 dBV/m
Grid 7 M4 31.71 dBV/m	Grid 8 M4 32.09 dBV/m	Grid 9 M4 31.44 dBV/m

Cursor:

Total = 32.09 dBV/m

E Category: M4

Location: 0.5, 25, 8.7 mm



#03_HAC_E_GSM850_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: 2021/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn915; Calibrated: 2020/6/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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 = 30.82 V/m; Power Drift = 0.04 dB

Applied MIF = 3.63 dB

RF audio interference level = 32.03 dBV/m

Emission category: M4

MIF scaled E-field

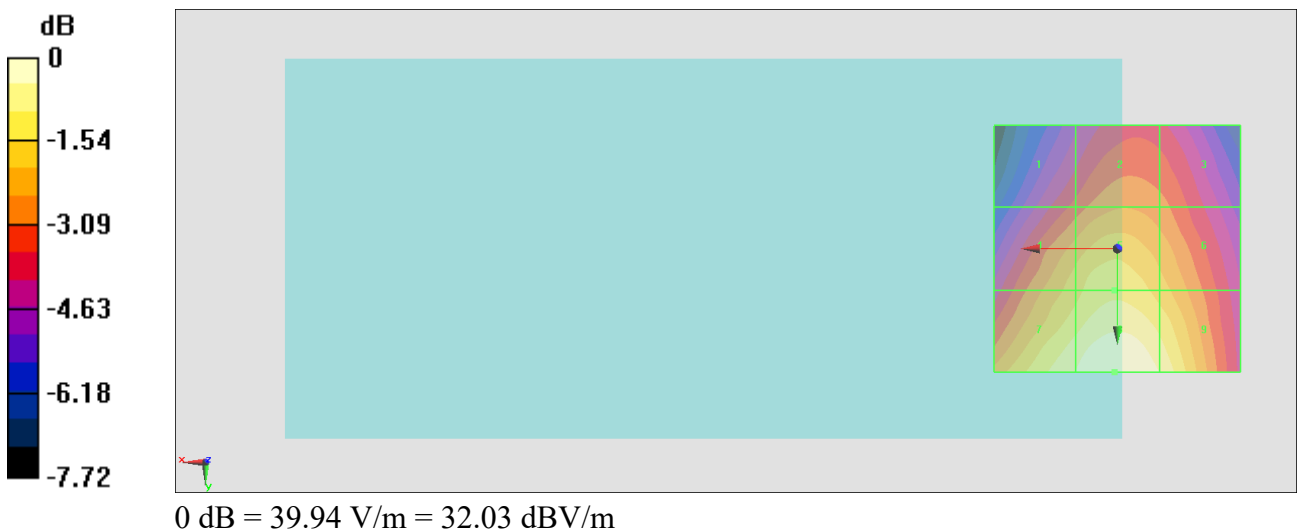
Grid 1 M4 28.65 dBV/m	Grid 2 M4 29.44 dBV/m	Grid 3 M4 29.16 dBV/m
Grid 4 M4 30.31 dBV/m	Grid 5 M4 30.87 dBV/m	Grid 6 M4 30.28 dBV/m
Grid 7 M4 31.52 dBV/m	Grid 8 M4 32.03 dBV/m	Grid 9 M4 31.52 dBV/m

Cursor:

Total = 32.03 dBV/m

E Category: M4

Location: 0.5, 25, 8.7 mm



#04_HAC_E_GSM1900_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: 2021/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn915; Calibrated: 2020/6/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 15.16 V/m; Power Drift = -0.03 dB

Applied MIF = 3.63 dB

RF audio interference level = 31.08 dBV/m

Emission category: M3

MIF scaled E-field

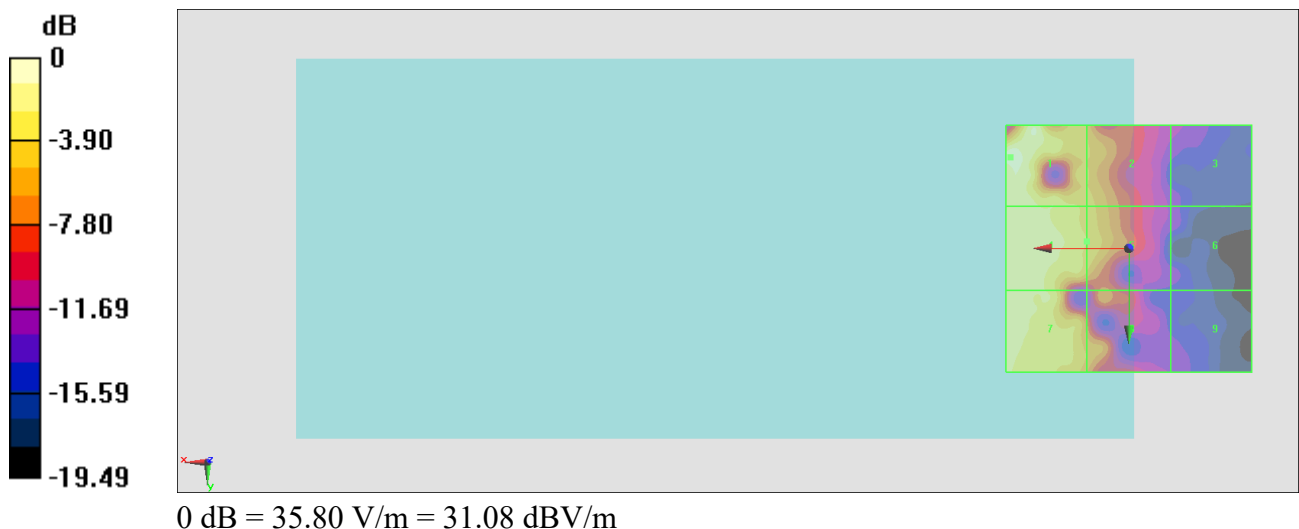
Grid 1 M3 31.08 dBV/m	Grid 2 M4 26.65 dBV/m	Grid 3 M4 18.84 dBV/m
Grid 4 M4 29.52 dBV/m	Grid 5 M4 27.18 dBV/m	Grid 6 M4 17.92 dBV/m
Grid 7 M4 29.02 dBV/m	Grid 8 M4 25.8 dBV/m	Grid 9 M4 17.93 dBV/m

Cursor:

Total = 31.08 dBV/m

E Category: M3

Location: 24, -18.5, 8.7 mm



#05_HAC_E_GSM1900_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: 2021/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn915; Calibrated: 2020/6/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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 = 5.178 V/m; Power Drift = 0.13 dB

Applied MIF = 3.63 dB

RF audio interference level = 18.86 dBV/m

Emission category: M4

MIF scaled E-field

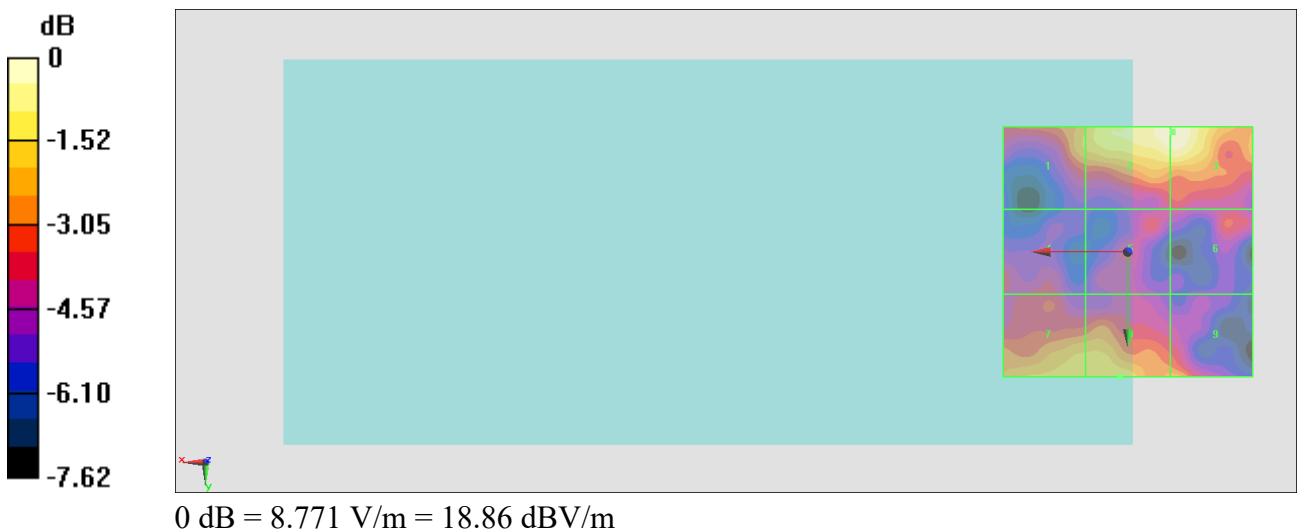
Grid 1 M4 16.98 dBV/m	Grid 2 M4 18.84 dBV/m	Grid 3 M4 18.86 dBV/m
Grid 4 M4 15.19 dBV/m	Grid 5 M4 15.12 dBV/m	Grid 6 M4 15.43 dBV/m
Grid 7 M4 17.17 dBV/m	Grid 8 M4 17.4 dBV/m	Grid 9 M4 16.81 dBV/m

Cursor:

Total = 18.86 dBV/m

E Category: M4

Location: -9, -24, 8.7 mm



#06_HAC_E_GSM1900_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: 2021/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn915; Calibrated: 2020/6/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 14.93 V/m; Power Drift = -0.06 dB

Applied MIF = 3.63 dB

RF audio interference level = 29.33 dBV/m

Emission category: M4

MIF scaled E-field

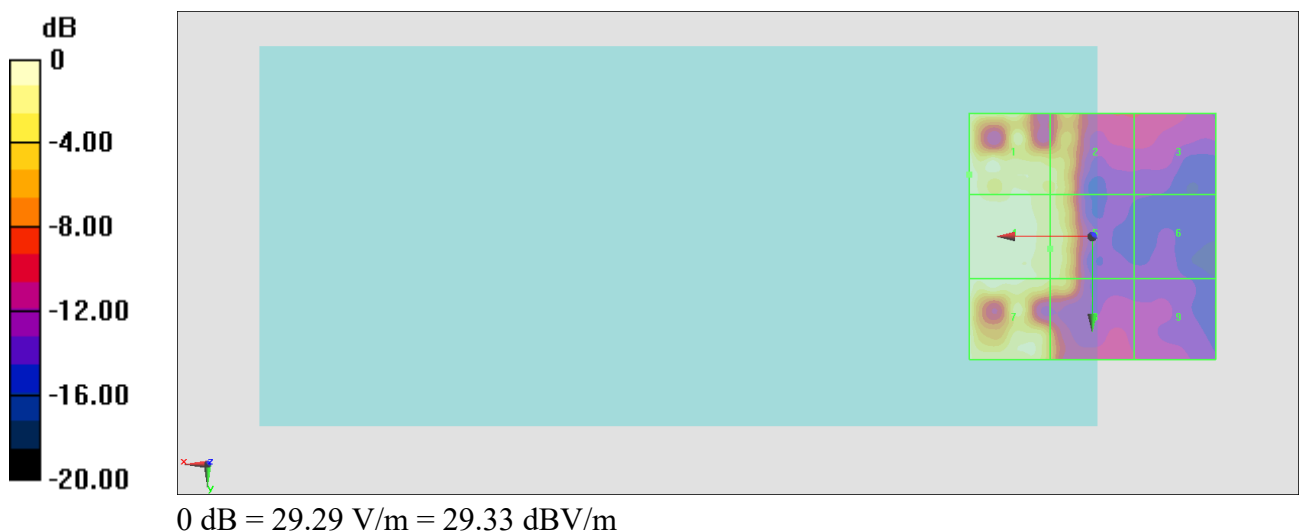
Grid 1 M4 29.33 dBV/m	Grid 2 M4 27.1 dBV/m	Grid 3 M4 18.81 dBV/m
Grid 4 M4 29.33 dBV/m	Grid 5 M4 27.48 dBV/m	Grid 6 M4 15.55 dBV/m
Grid 7 M4 29.1 dBV/m	Grid 8 M4 26.94 dBV/m	Grid 9 M4 17.57 dBV/m

Cursor:

Total = 29.33 dBV/m

E Category: M4

Location: 25, -12.5, 8.7 mm



#07_HAC_E_CDMA BC0_ 1xRTT, RC1 SO3, 18th Rate_Ch1013

Communication System: CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 824.7 MHz; Duty Cycle: 1:17.746

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) @ 824.7 MHz; Calibrated: 2021/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn915; Calibrated: 2020/6/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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 = 47.20 V/m; Power Drift = 0.02 dB

Applied MIF = 3.26 dB

RF audio interference level = 34.25 dBV/m

Emission category: M4

MIF scaled E-field

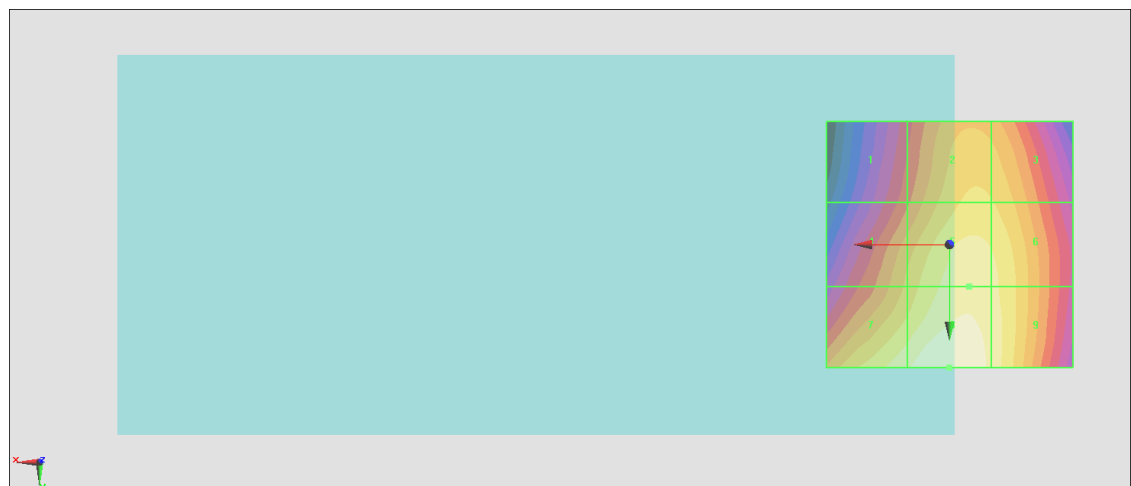
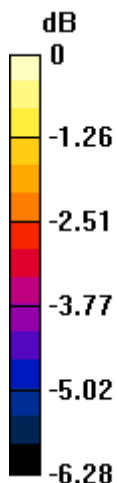
Grid 1 M4 31.68 dBV/m	Grid 2 M4 33.11 dBV/m	Grid 3 M4 33.03 dBV/m
Grid 4 M4 32.7 dBV/m	Grid 5 M4 33.7 dBV/m	Grid 6 M4 33.54 dBV/m
Grid 7 M4 33.8 dBV/m	Grid 8 M4 34.25 dBV/m	Grid 9 M4 33.71 dBV/m

Cursor:

Total = 34.25 dBV/m

E Category: M4

Location: 0, 25, 8.7 mm



0 dB = 51.57 V/m = 34.25 dBV/m

#08_HAC_E_CDMA BC0_ 1xRTT, RC1 SO3, 18th Rate_Ch384

Communication System: CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 836.52 MHz; Duty Cycle: 1:17.746

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) @ 836.52 MHz; Calibrated: 2021/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn915; Calibrated: 2020/6/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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 = 46.82 V/m; Power Drift = 0.13 dB

Applied MIF = 3.26 dB

RF audio interference level = 35.72 dBV/m

Emission category: M4

MIF scaled E-field

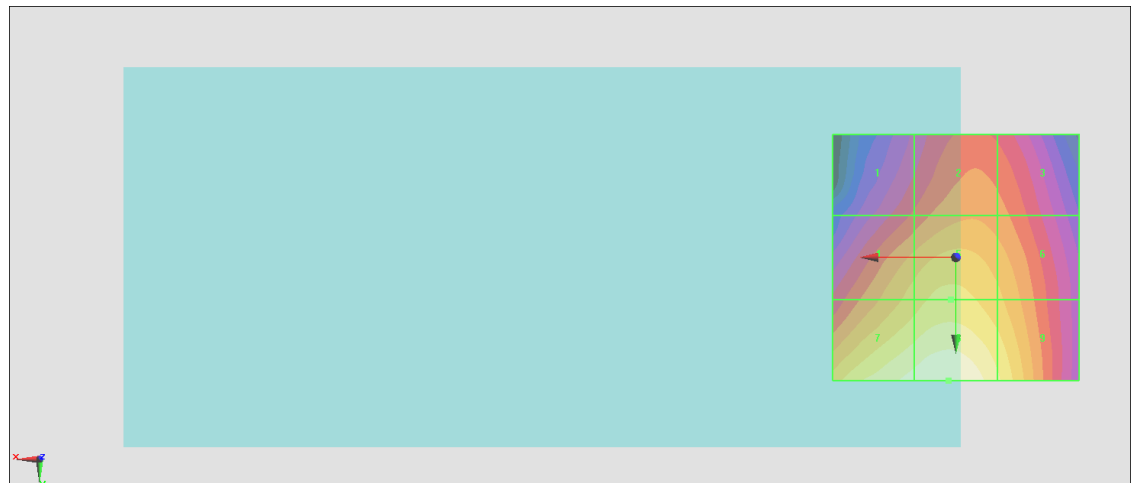
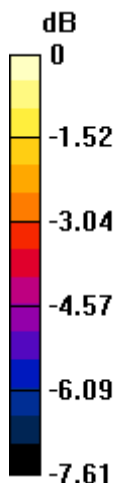
Grid 1 M4 32.31 dBV/m	Grid 2 M4 33.15 dBV/m	Grid 3 M4 32.93 dBV/m
Grid 4 M4 33.95 dBV/m	Grid 5 M4 34.37 dBV/m	Grid 6 M4 33.83 dBV/m
Grid 7 M4 35.44 dBV/m	Grid 8 M4 35.72 dBV/m	Grid 9 M4 34.82 dBV/m

Cursor:

Total = 35.72 dBV/m

E Category: M4

Location: 1.5, 25, 8.7 mm



0 dB = 61.10 V/m = 35.72 dBV/m

#09_HAC_E_CDMA BC0_ 1xRTT, RC1 SO3, 18th Rate_Ch777

Communication System: CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 848.31 MHz; Duty Cycle: 1:17.746

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) @ 848.31 MHz; Calibrated: 2021/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn915; Calibrated: 2020/6/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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 = 51.37 V/m; Power Drift = -0.32 dB

Applied MIF = 3.26 dB

RF audio interference level = 35.89 dBV/m

Emission category: M4

MIF scaled E-field

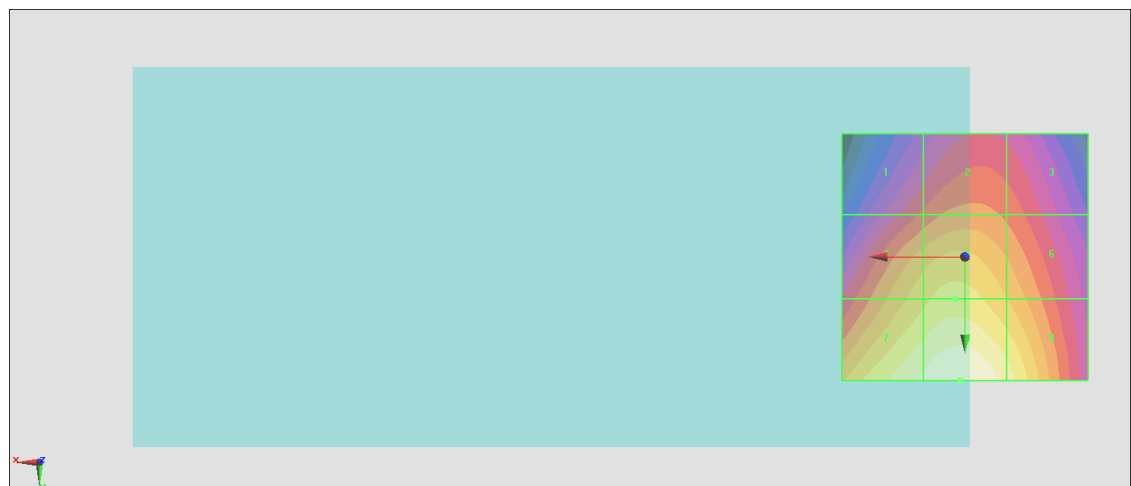
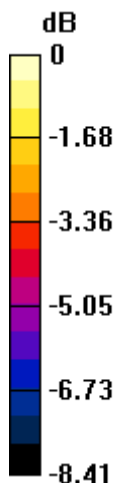
Grid 1 M4 32.13 dBV/m	Grid 2 M4 32.77 dBV/m	Grid 3 M4 32.43 dBV/m
Grid 4 M4 34.05 dBV/m	Grid 5 M4 34.47 dBV/m	Grid 6 M4 33.68 dBV/m
Grid 7 M4 35.47 dBV/m	Grid 8 M4 35.89 dBV/m	Grid 9 M4 35.07 dBV/m

Cursor:

Total = 35.89 dBV/m

E Category: M4

Location: 1, 25, 8.7 mm



0 dB = 62.29 V/m = 35.89 dBV/m

#10_HAC_E_LTE Band 41_20M_QPSK_1_0_Ch39750

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2506 MHz; Duty Cycle: 1:8.8736

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: 2021/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn915; Calibrated: 2020/6/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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 = 10.53 V/m; Power Drift = 0.10 dB

Applied MIF = -1.44 dB

RF audio interference level = 20.40 dBV/m

Emission category: M4

MIF scaled E-field

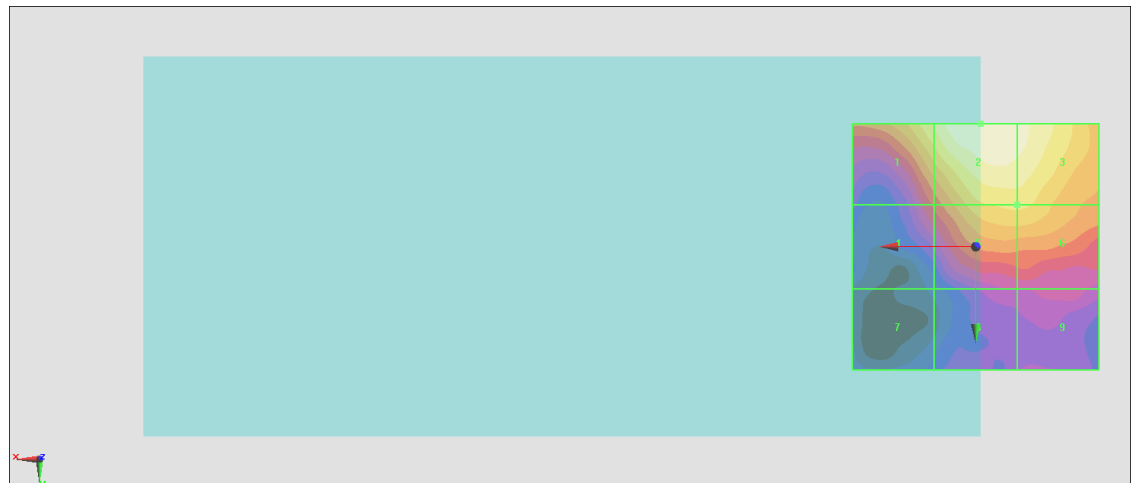
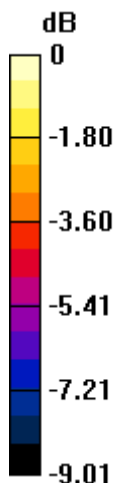
Grid 1 M4 19.32 dBV/m	Grid 2 M4 20.4 dBV/m	Grid 3 M4 20.02 dBV/m
Grid 4 M4 16.37 dBV/m	Grid 5 M4 18.77 dBV/m	Grid 6 M4 18.77 dBV/m
Grid 7 M4 13.47 dBV/m	Grid 8 M4 15.05 dBV/m	Grid 9 M4 15.34 dBV/m

Cursor:

Total = 20.40 dBV/m

E Category: M4

Location: -1, -25, 8.7 mm



0 dB = 10.47 V/m = 20.40 dBV/m

#11_HAC_E_LTE Band 41_20M_QPSK_1_0_Ch40185

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2549.5 MHz; Duty Cycle: 1:8.8736

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: 2021/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn915; Calibrated: 2020/6/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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 = 10.09 V/m; Power Drift = -0.18 dB

Applied MIF = -1.44 dB

RF audio interference level = 19.72 dBV/m

Emission category: M4

MIF scaled E-field

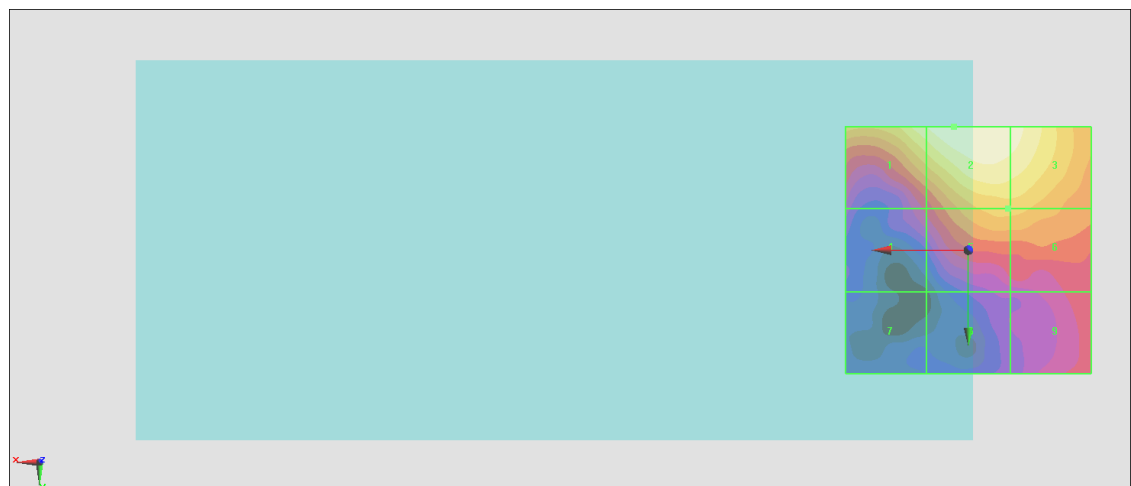
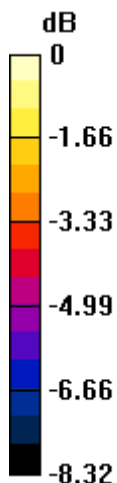
Grid 1 M4 19.17 dBV/m	Grid 2 M4 19.72 dBV/m	Grid 3 M4 19.46 dBV/m
Grid 4 M4 15.51 dBV/m	Grid 5 M4 17.76 dBV/m	Grid 6 M4 17.75 dBV/m
Grid 7 M4 13.29 dBV/m	Grid 8 M4 14.4 dBV/m	Grid 9 M4 15.74 dBV/m

Cursor:

Total = 19.72 dBV/m

E Category: M4

Location: 3, -25, 8.7 mm



0 dB = 9.679 V/m = 19.72 dBV/m

#12_HAC_E_LTE Band 41_20M_QPSK_1_0_Ch40620

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2593 MHz; Duty Cycle: 1:8.8736

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: 2021/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn915; Calibrated: 2020/6/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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 = 10.76 V/m; Power Drift = 0.16 dB

Applied MIF = -1.44 dB

RF audio interference level = 19.37 dBV/m

Emission category: M4

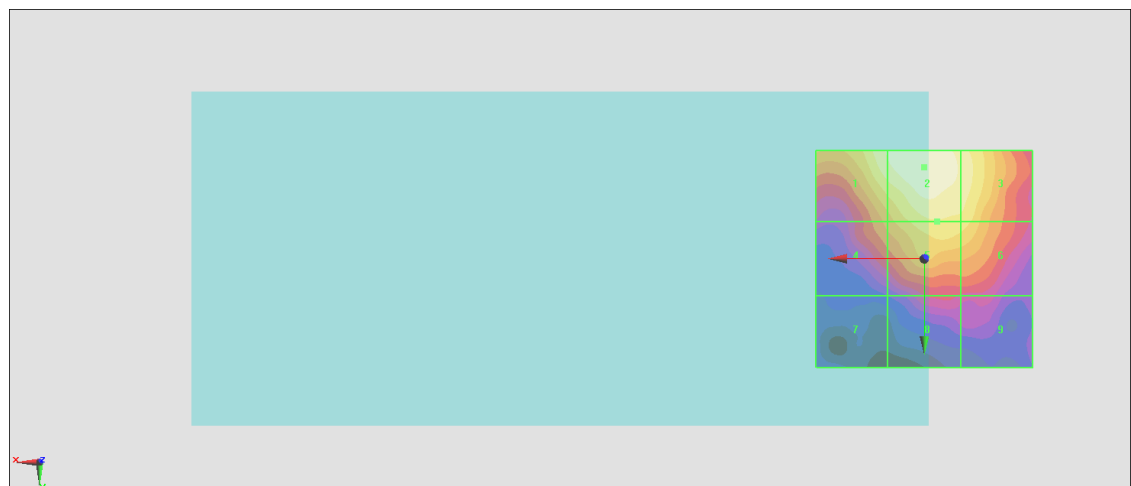
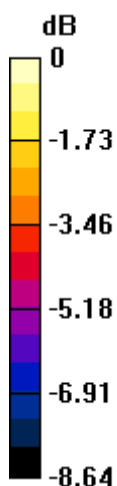
MIF scaled E-field

Grid 1 M4 18.89 dBV/m	Grid 2 M4 19.37 dBV/m	Grid 3 M4 18.68 dBV/m
Grid 4 M4 16.73 dBV/m	Grid 5 M4 18.16 dBV/m	Grid 6 M4 17.97 dBV/m
Grid 7 M4 13.04 dBV/m	Grid 8 M4 15 dBV/m	Grid 9 M4 14.66 dBV/m

Total = 19.37 dBV/m

E Category: M4

Location: 0, -21, 8.7 mm



0 dB = 9.296 V/m = 19.37 dBV/m

#13_HAC_E_LTE Band 41_20M_QPSK_1_0_Ch41055

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2636.5 MHz; Duty Cycle: 1:8.8736

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: 2021/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn915; Calibrated: 2020/6/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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 = 9.346 V/m; Power Drift = 0.16 dB

Applied MIF = -1.44 dB

RF audio interference level = 17.78 dBV/m

Emission category: M4

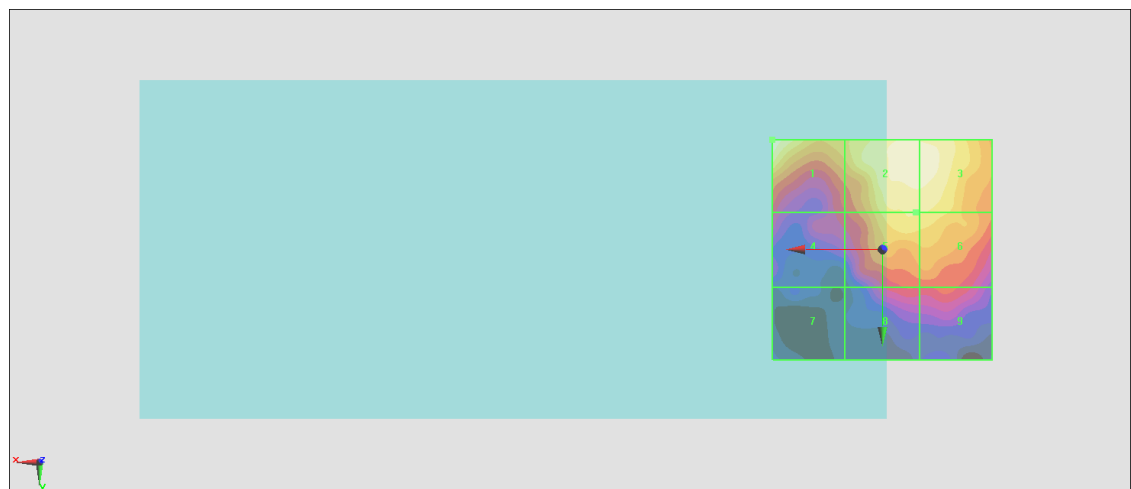
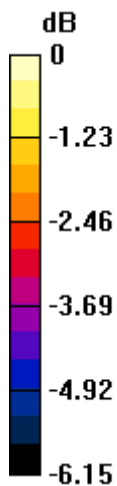
MIF scaled E-field

Grid 1 M4 17.78 dBV/m	Grid 2 M4 17.77 dBV/m	Grid 3 M4 17.77 dBV/m
Grid 4 M4 14.89 dBV/m	Grid 5 M4 17.02 dBV/m	Grid 6 M4 17.01 dBV/m
Grid 7 M4 12.98 dBV/m	Grid 8 M4 14.98 dBV/m	Grid 9 M4 15.13 dBV/m

Total = 17.78 dBV/m

E Category: M4

Location: 25, -25, 8.7 mm



0 dB = 7.746 V/m = 17.78 dBV/m

#14_HAC_E_LTE Band 41_20M_QPSK_1_0_Ch41490

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2680 MHz; Duty Cycle: 1:8.8736

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: 2021/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn915; Calibrated: 2020/6/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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 = 9.102 V/m; Power Drift = 0.01 dB

Applied MIF = -1.44 dB

RF audio interference level = 20.27 dBV/m

Emission category: M4

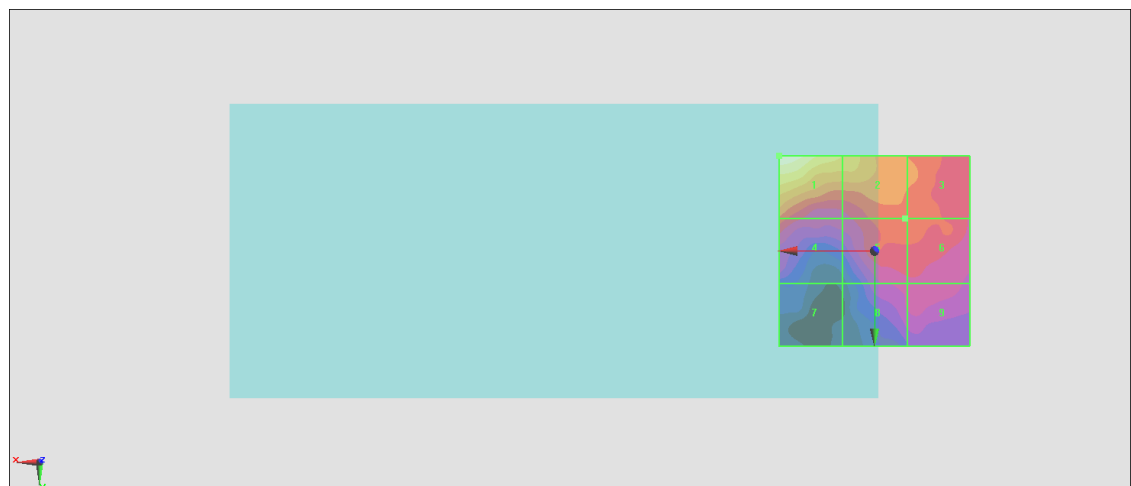
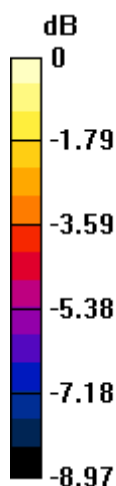
MIF scaled E-field

Grid 1 M4 20.27 dBV/m	Grid 2 M4 18.5 dBV/m	Grid 3 M4 16.91 dBV/m
Grid 4 M4 16.6 dBV/m	Grid 5 M4 16.61 dBV/m	Grid 6 M4 16.6 dBV/m
Grid 7 M4 13.28 dBV/m	Grid 8 M4 15.18 dBV/m	Grid 9 M4 15.24 dBV/m

Total = 20.27 dBV/m

E Category: M4

Location: 25, -25, 8.7 mm



0 dB = 10.31 V/m = 20.27 dBV/m

#15_HAC_E_LTE Band 41_20M_QPSK_1_0_Ch39750_HPUE

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2506 MHz; Duty Cycle: 1:8.8736

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: 2021/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn915; Calibrated: 2020/6/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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 = 8.984 V/m; Power Drift = 0.06 dB

Applied MIF = -1.44 dB

RF audio interference level = 18.65 dBV/m

Emission category: M4

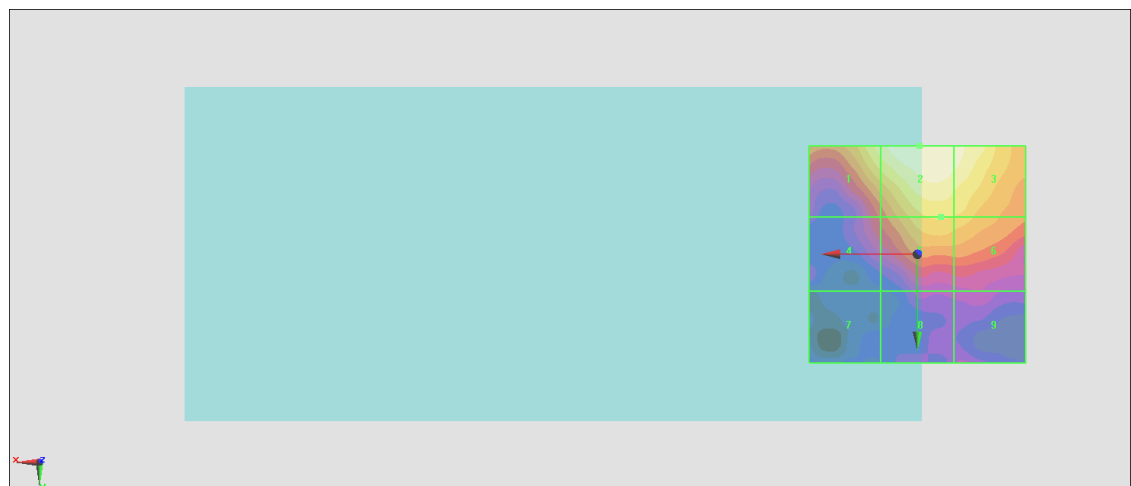
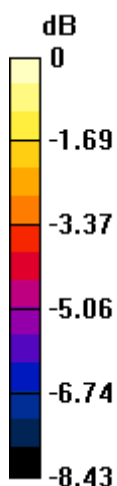
MIF scaled E-field

Grid 1 M4 17.85 dBV/m	Grid 2 M4 18.65 dBV/m	Grid 3 M4 18.3 dBV/m
Grid 4 M4 14.88 dBV/m	Grid 5 M4 17.01 dBV/m	Grid 6 M4 16.91 dBV/m
Grid 7 M4 12.49 dBV/m	Grid 8 M4 13.35 dBV/m	Grid 9 M4 13.61 dBV/m

Total = 18.65 dBV/m

E Category: M4

Location: -0.5, -25, 8.7 mm



0 dB = 8.557 V/m = 18.65 dBV/m

#16_HAC_E_LTE Band 41_20M_QPSK_1_0_Ch40185_HPUE

Communication System:LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2549.5 MHz;Duty Cycle: 1:8.8736

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: 2021/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn915; Calibrated: 2020/6/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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 = 8.457 V/m; Power Drift = 0.05 dB

Applied MIF = -1.44 dB

RF audio interference level = 18.09 dBV/m

Emission category: M4

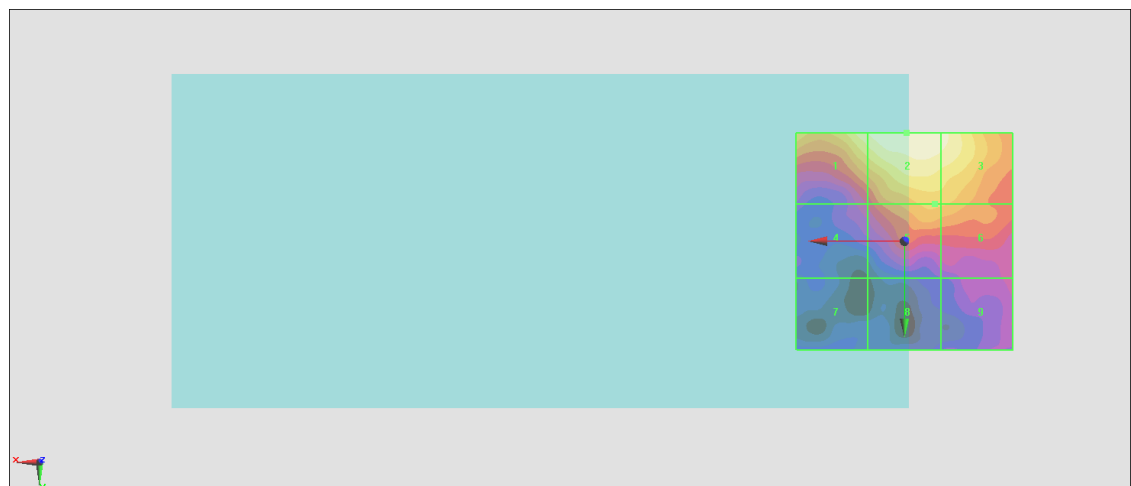
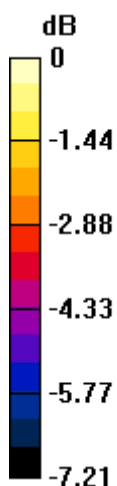
MIF scaled E-field

Grid 1 M4 17.65 dBV/m	Grid 2 M4 18.09 dBV/m	Grid 3 M4 17.82 dBV/m
Grid 4 M4 14.36 dBV/m	Grid 5 M4 16.29 dBV/m	Grid 6 M4 16.25 dBV/m
Grid 7 M4 12.83 dBV/m	Grid 8 M4 12.81 dBV/m	Grid 9 M4 13.97 dBV/m

Total = 18.09 dBV/m

E Category: M4

Location: -0.5, -25, 8.7 mm



0 dB = 8.030 V/m = 18.09 dBV/m

#17_HAC_E_LTE Band 41_20M_QPSK_1_0_Ch40620_HPUE

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2593 MHz; Duty Cycle: 1:8.8736

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: 2021/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn915; Calibrated: 2020/6/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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 = 9.122 V/m; Power Drift = 0.04 dB

Applied MIF = -1.44 dB

RF audio interference level = 17.82 dBV/m

Emission category: M4

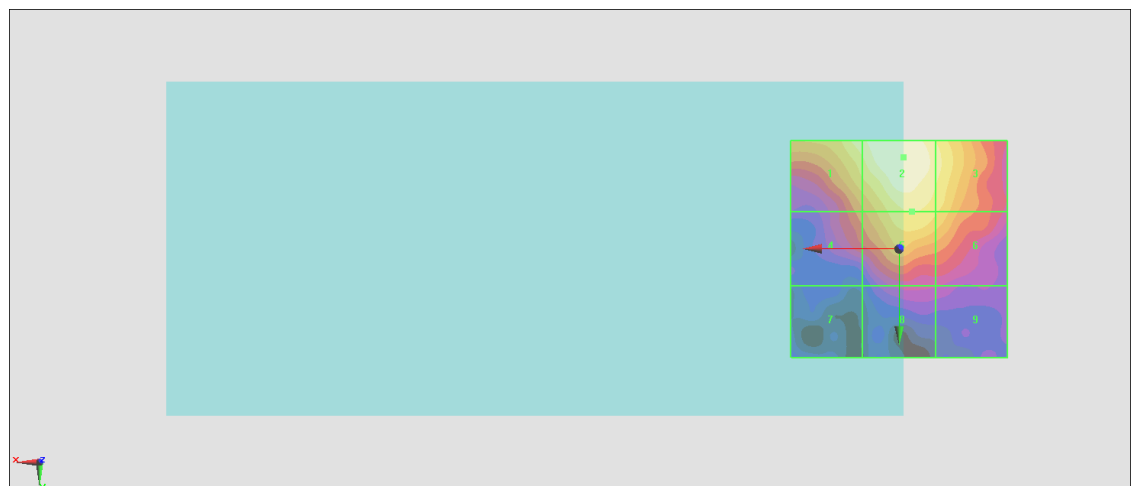
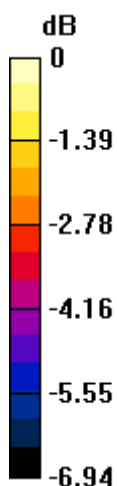
MIF scaled E-field

Grid 1 M4 17.26 dBV/m	Grid 2 M4 17.82 dBV/m	Grid 3 M4 17.11 dBV/m
Grid 4 M4 15.38 dBV/m	Grid 5 M4 16.92 dBV/m	Grid 6 M4 16.5 dBV/m
Grid 7 M4 12.71 dBV/m	Grid 8 M4 13.9 dBV/m	Grid 9 M4 13.72 dBV/m

Total = 17.82 dBV/m

E Category: M4

Location: -1, -21, 8.7 mm



0 dB = 7.776 V/m = 17.82 dBV/m

#18_HAC_E_LTE Band 41_20M_QPSK_1_0_Ch41055_HPUE

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2636.5 MHz; Duty Cycle: 1:8.8736

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: 2021/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn915; Calibrated: 2020/6/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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 = 7.949 V/m; Power Drift = 0.10 dB

Applied MIF = -1.44 dB

RF audio interference level = 16.50 dBV/m

Emission category: M4

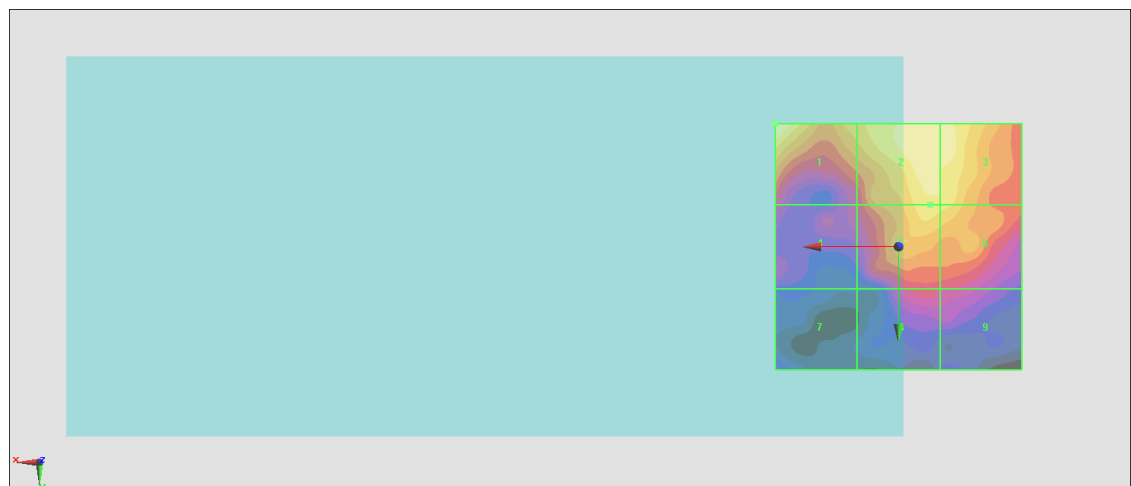
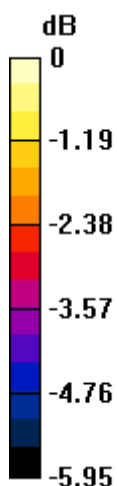
MIF scaled E-field

Grid 1 M4 16.5 dBV/m	Grid 2 M4 16.09 dBV/m	Grid 3 M4 16.07 dBV/m
Grid 4 M4 13.37 dBV/m	Grid 5 M4 15.57 dBV/m	Grid 6 M4 15.52 dBV/m
Grid 7 M4 12.49 dBV/m	Grid 8 M4 13.62 dBV/m	Grid 9 M4 13.43 dBV/m

Total = 16.50 dBV/m

E Category: M4

Location: 25, -25, 8.7 mm



0 dB = 6.682 V/m = 16.50 dBV/m

#19_HAC_E_LTE Band 41_20M_QPSK_1_0_Ch41490_HPUE

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2680 MHz; Duty Cycle: 1:8.8736

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: 2021/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn915; Calibrated: 2020/6/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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 = 8.157 V/m; Power Drift = 0.05 dB

Applied MIF = -1.44 dB

RF audio interference level = 25.22 dBV/m

Emission category: M4

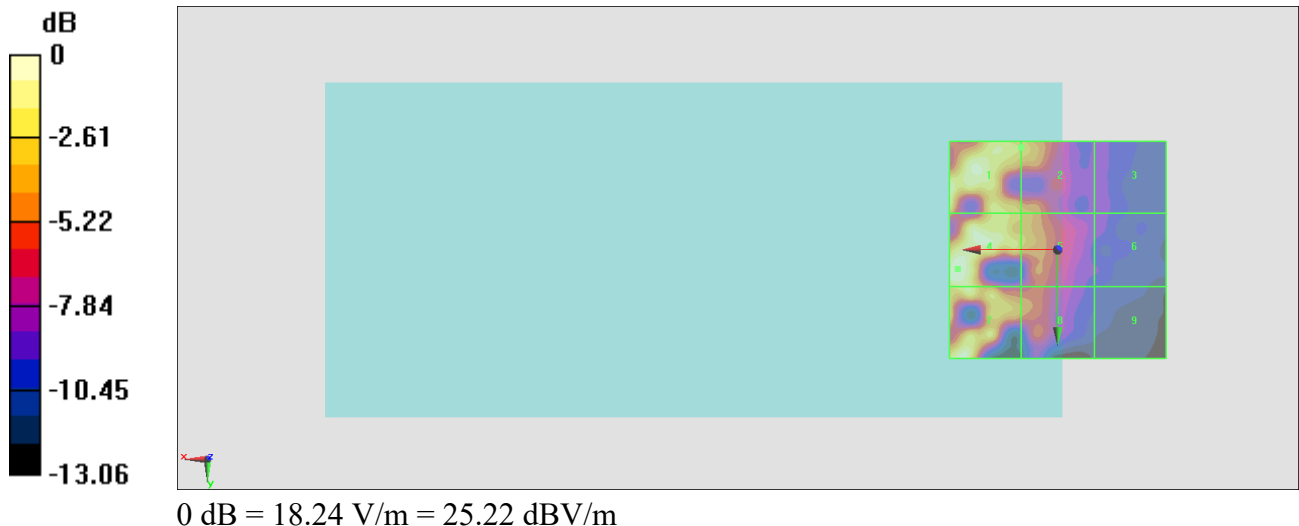
MIF scaled E-field

Grid 1 M4 24.91 dBV/m	Grid 2 M4 22.53 dBV/m	Grid 3 M4 16.29 dBV/m
Grid 4 M4 25.22 dBV/m	Grid 5 M4 22.26 dBV/m	Grid 6 M4 16.24 dBV/m
Grid 7 M4 24.85 dBV/m	Grid 8 M4 21.07 dBV/m	Grid 9 M4 15.05 dBV/m

Total = 25.22 dBV/m

E Category: M4

Location: 23, 4.5, 8.7 mm



#20_HAC_E_WLAN2.4GHz_802.11g 6Mbps_Ch1;Ant 6+7

Communication System: IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2412 MHz; Duty Cycle: 1:12.5777

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: 2021/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn915; Calibrated: 2020/6/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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 = 9.198 V/m; Power Drift = -0.17 dB

Applied MIF = 0.12 dB

RF audio interference level = 22.38 dBV/m

Emission category: M4

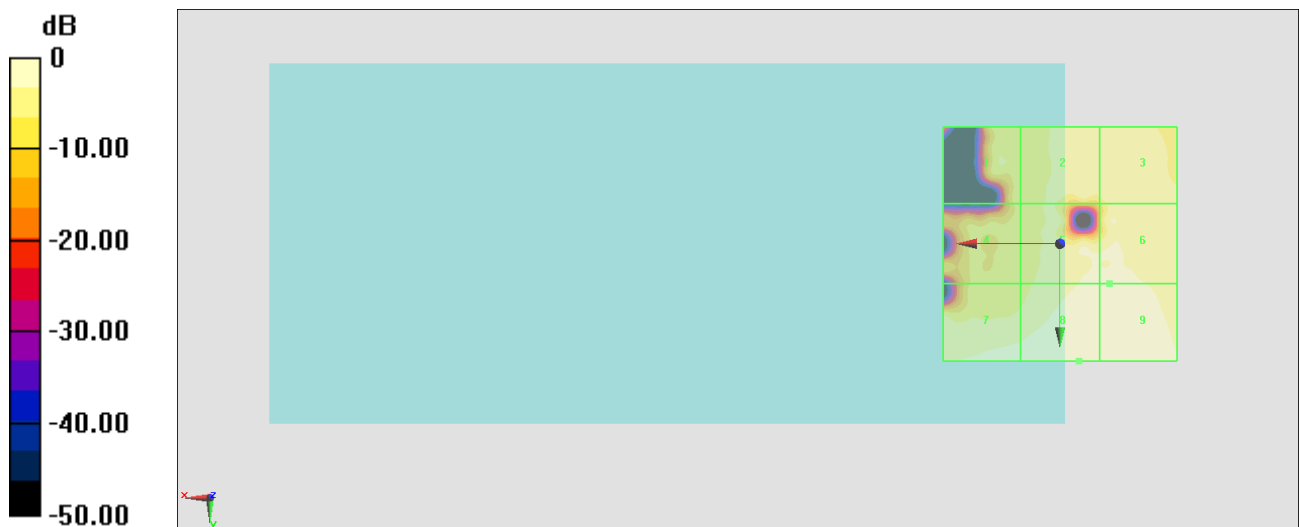
MIF scaled E-field

Grid 1 M4 16.09 dBV/m	Grid 2 M4 18.26 dBV/m	Grid 3 M4 18.29 dBV/m
Grid 4 M4 14.67 dBV/m	Grid 5 M4 19.64 dBV/m	Grid 6 M4 19.66 dBV/m
Grid 7 M4 21.34 dBV/m	Grid 8 M4 22.38 dBV/m	Grid 9 M4 22.23 dBV/m

Total = 22.38 dBV/m

E Category: M4

Location: -4, 25, 8.7 mm



0 dB = 13.16 V/m = 22.38 dBV/m

#21_HAC_E_WLAN2.4GHz_802.11g 6Mbps_Ch6;Ant 6+7

Communication System: IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2437 MHz; Duty Cycle: 1:12.5777

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: 2021/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn915; Calibrated: 2020/6/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 17.24 V/m; Power Drift = -0.06 dB

Applied MIF = 0.12 dB

RF audio interference level = 27.57 dBV/m

Emission category: M4

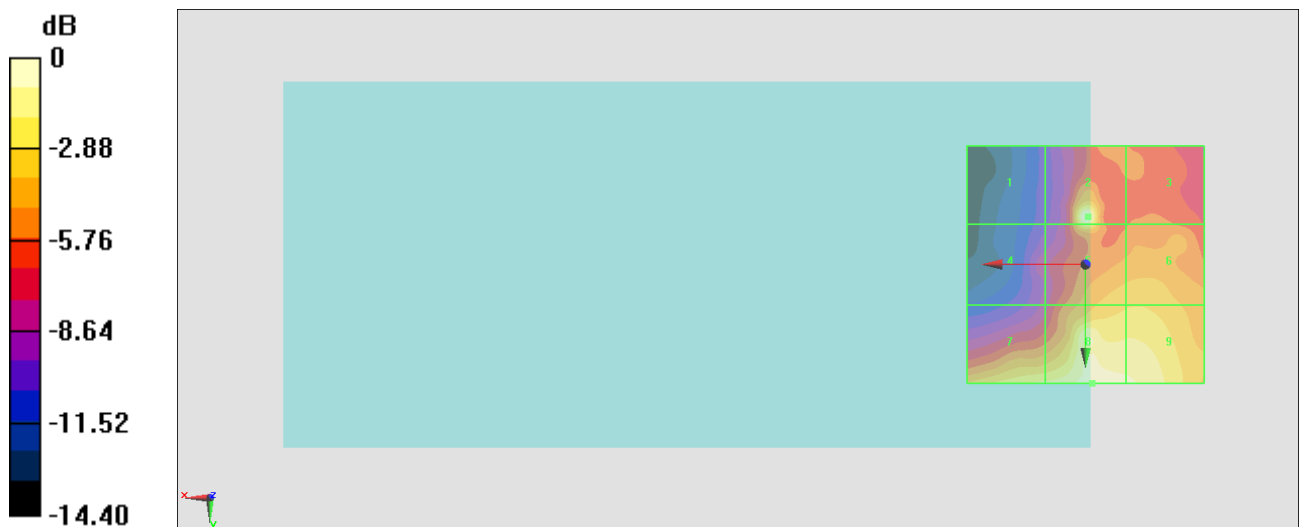
MIF scaled E-field

Grid 1 M4 17.85 dBV/m	Grid 2 M4 27.57 dBV/m	Grid 3 M4 22.27 dBV/m
Grid 4 M4 19.76 dBV/m	Grid 5 M4 26.04 dBV/m	Grid 6 M4 24.66 dBV/m
Grid 7 M4 25.93 dBV/m	Grid 8 M4 26.99 dBV/m	Grid 9 M4 26.8 dBV/m

Total = 27.57 dBV/m

E Category: M4

Location: -0.5, -10, 8.7 mm



0 dB = 23.92 V/m = 27.58 dBV/m

#22_HAC_E_WLAN2.4GHz_802.11g 6Mbps_Ch11;Ant 6+7

Communication System: IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2462 MHz; Duty Cycle: 1:12.5777

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: 2021/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn915; Calibrated: 2020/6/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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 = 11.22 V/m; Power Drift = -0.03 dB

Applied MIF = 0.12 dB

RF audio interference level = 23.05 dBV/m

Emission category: M4

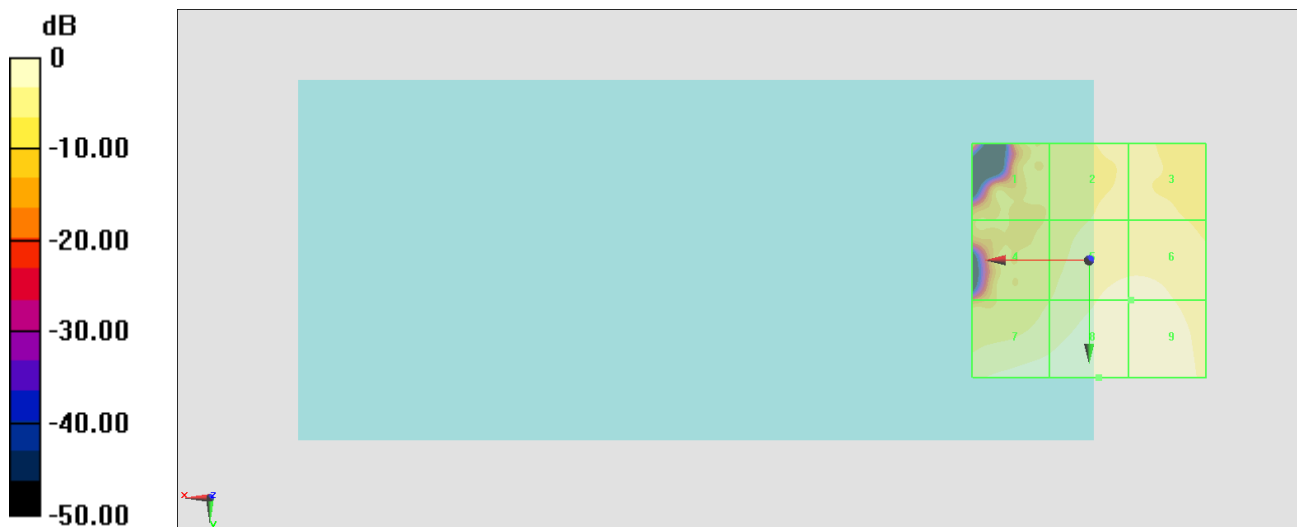
MIF scaled E-field

Grid 1 M4 14.62 dBV/m	Grid 2 M4 17.58 dBV/m	Grid 3 M4 17.54 dBV/m
Grid 4 M4 16.3 dBV/m	Grid 5 M4 20.51 dBV/m	Grid 6 M4 20.51 dBV/m
Grid 7 M4 22.14 dBV/m	Grid 8 M4 23.05 dBV/m	Grid 9 M4 22.79 dBV/m

Total = 23.05 dBV/m

E Category: M4

Location: -2, 25, 8.7 mm



0 dB = 14.21 V/m = 23.05 dBV/m