

#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 - SN4062; ConvF(1, 1, 1) @ 824.2 MHz; Calibrated: 2021/12/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- 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 = 71.67 V/m; Power Drift = -0.08 dB

Applied MIF = 3.63 dB

RF audio interference level = 37.95 dBV/m

Emission category: M4

MIF scaled E-field

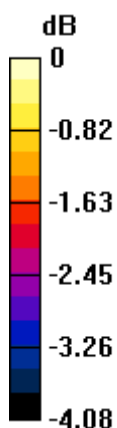
Grid 1 M4 36.99 dBV/m	Grid 2 M4 37.8 dBV/m	Grid 3 M4 37.71 dBV/m
Grid 4 M4 37.12 dBV/m	Grid 5 M4 37.95 dBV/m	Grid 6 M4 37.84 dBV/m
Grid 7 M4 36.82 dBV/m	Grid 8 M4 37.63 dBV/m	Grid 9 M4 37.53 dBV/m

Cursor:

Total = 37.95 dBV/m

E Category: M4

Location: -4.5, -1, 8.7 mm



0 dB = 78.94 V/m = 37.95 dBV/m

#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: $\sigma = 0 \text{ S/m}$, $\epsilon_r = 1$; $\rho = 0 \text{ kg/m}^3$

Ambient Temperature : 23.5 °C

DASY5 Configuration

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1) @ 836.4 MHz; Calibrated: 2021/12/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- 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 = 69.35 V/m; Power Drift = -0.04 dB

Applied MIF = 3.63 dB

RF audio interference level = 37.72 dBV/m

Emission category: M4

MIF scaled E-field

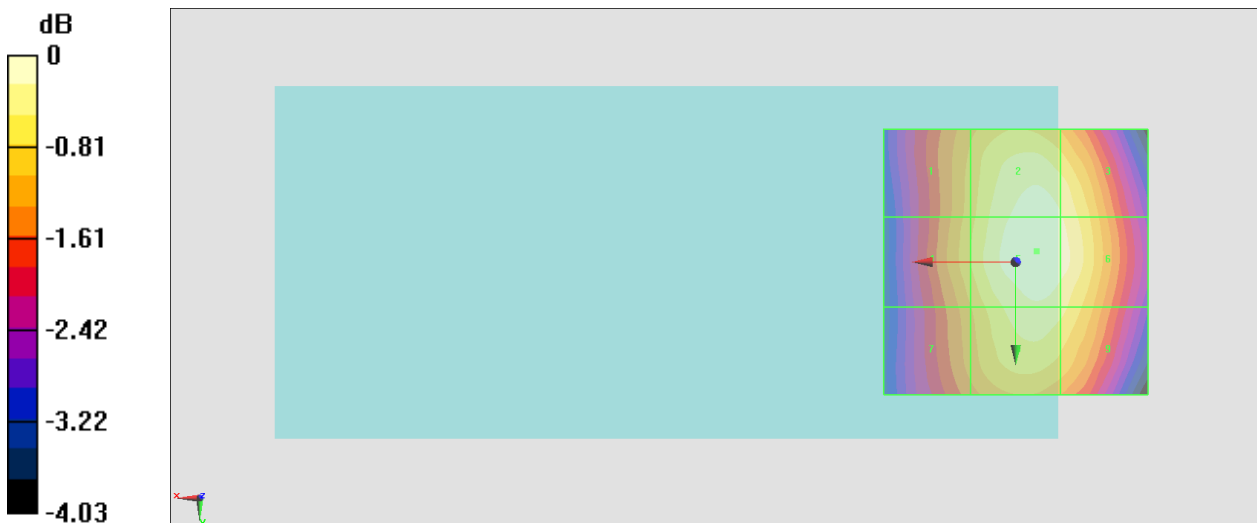
Grid 1 M4 36.82 dBV/m	Grid 2 M4 37.63 dBV/m	Grid 3 M4 37.48 dBV/m
Grid 4 M4 36.93 dBV/m	Grid 5 M4 37.72 dBV/m	Grid 6 M4 37.59 dBV/m
Grid 7 M4 36.64 dBV/m	Grid 8 M4 37.41 dBV/m	Grid 9 M4 37.27 dBV/m

Cursor:

Total = 37.72 dBV/m

E Category: M4

Location: -4, -2, 8.7 mm



0 dB = 76.93 V/m = 37.72 dBV/m

#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 - SN4062; ConvF(1, 1, 1) @ 848.8 MHz; Calibrated: 2021/12/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- 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 = 68.92 V/m; Power Drift = 0.11 dB

Applied MIF = 3.63 dB

RF audio interference level = 37.97 dBV/m

Emission category: M4

MIF scaled E-field

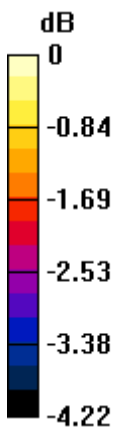
Grid 1 M4 36.78 dBV/m	Grid 2 M4 37.82 dBV/m	Grid 3 M4 37.75 dBV/m
Grid 4 M4 36.97 dBV/m	Grid 5 M4 37.97 dBV/m	Grid 6 M4 37.89 dBV/m
Grid 7 M4 36.79 dBV/m	Grid 8 M4 37.71 dBV/m	Grid 9 M4 37.64 dBV/m

Cursor:

Total = 37.97 dBV/m

E Category: M4

Location: -5, -0.5, 8.7 mm



0 dB = 79.19 V/m = 37.97 dBV/m

#20_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 - SN4062; ConvF(1, 1, 1) @ 848.8 MHz; Calibrated: 2021/12/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- 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 = 69.48 V/m; Power Drift = -0.09 dB

Applied MIF = 3.63 dB

RF audio interference level = 38.60 dBV/m

Emission category: M4

MIF scaled E-field

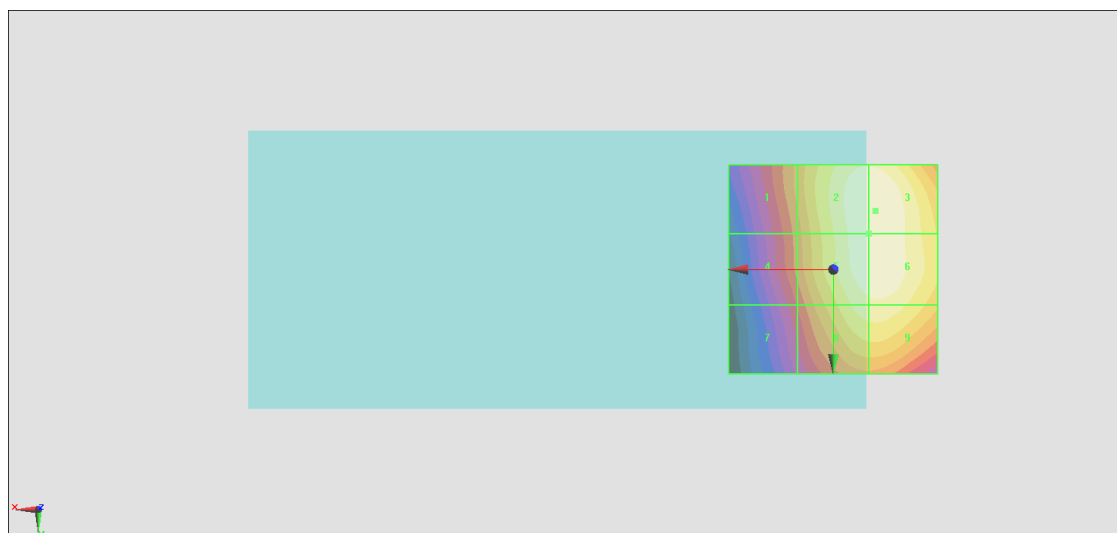
Grid 1 M4 36.97 dBV/m	Grid 2 M4 38.59 dBV/m	Grid 3 M4 38.6 dBV/m
Grid 4 M4 36.68 dBV/m	Grid 5 M4 38.53 dBV/m	Grid 6 M4 38.55 dBV/m
Grid 7 M4 36.17 dBV/m	Grid 8 M4 38.13 dBV/m	Grid 9 M4 38.16 dBV/m

Cursor:

Total = 38.60 dBV/m

E Category: M4

Location: -10, -14, 8.7 mm



0 dB = 85.14 V/m = 38.60 dBV/m

#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 - SN4062; ConvF(1, 1, 1) @ 1850.2 MHz; Calibrated: 2021/12/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- 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 = 17.22 V/m; Power Drift = 0.01 dB

Applied MIF = 3.63 dB

RF audio interference level = 29.36 dBV/m

Emission category: M4

MIF scaled E-field

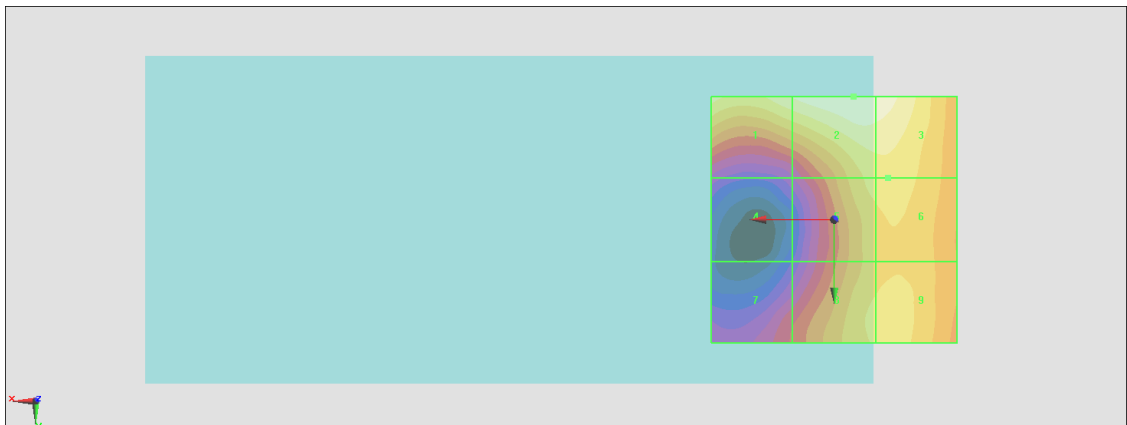
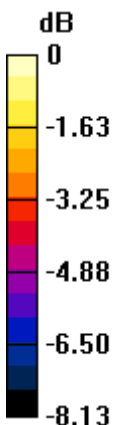
Grid 1 M4 28.38 dBV/m	Grid 2 M4 29.36 dBV/m	Grid 3 M4 29.16 dBV/m
Grid 4 M4 23.96 dBV/m	Grid 5 M4 27.52 dBV/m	Grid 6 M4 27.6 dBV/m
Grid 7 M4 25.19 dBV/m	Grid 8 M4 27.38 dBV/m	Grid 9 M4 27.45 dBV/m

Cursor:

Total = 29.36 dBV/m

E Category: M4

Location: -4, -25, 8.7 mm



0 dB = 29.38 V/m = 29.36 dBV/m

#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 - SN4062; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 2021/12/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- 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 = 16.06 V/m; Power Drift = 0.03 dB

Applied MIF = 3.63 dB

RF audio interference level = 30.12 dBV/m

Emission category: M3

MIF scaled E-field

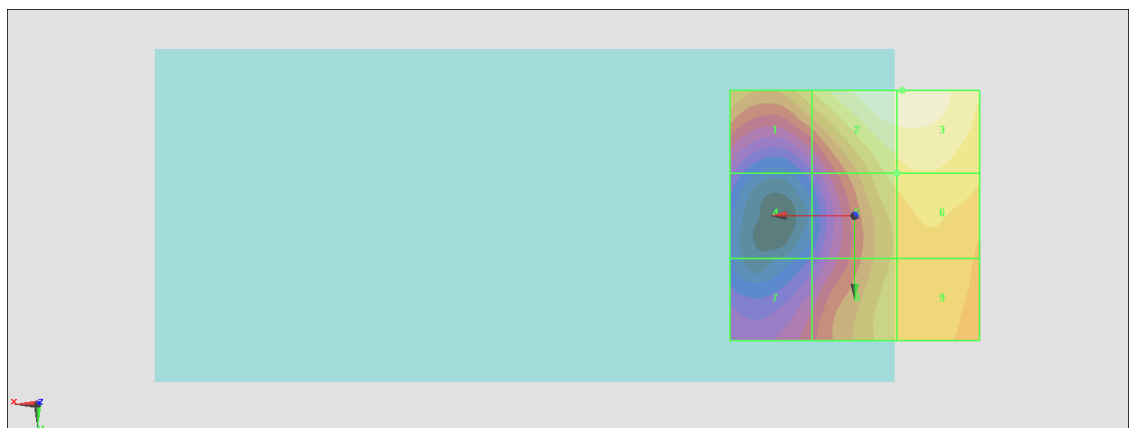
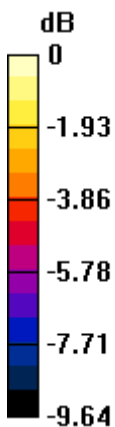
Grid 1 M4 27.83 dBV/m	Grid 2 M4 29.64 dBV/m	Grid 3 M3 30.12 dBV/m
Grid 4 M4 23.42 dBV/m	Grid 5 M4 27.86 dBV/m	Grid 6 M4 28.15 dBV/m
Grid 7 M4 24.77 dBV/m	Grid 8 M4 27.38 dBV/m	Grid 9 M4 27.51 dBV/m

Cursor:

Total = 30.12 dBV/m

E Category: M3

Location: -9.5, -25, 8.7 mm



0 dB = 32.06 V/m = 30.12 dBV/m

#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 - SN4062; ConvF(1, 1, 1) @ 1909.8 MHz; Calibrated: 2021/12/17

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20

- 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 = 10.85 V/m; Power Drift = 0.04 dB

Applied MIF = 3.63 dB

RF audio interference level = 29.09 dBV/m

Emission category: M4

MIF scaled E-field

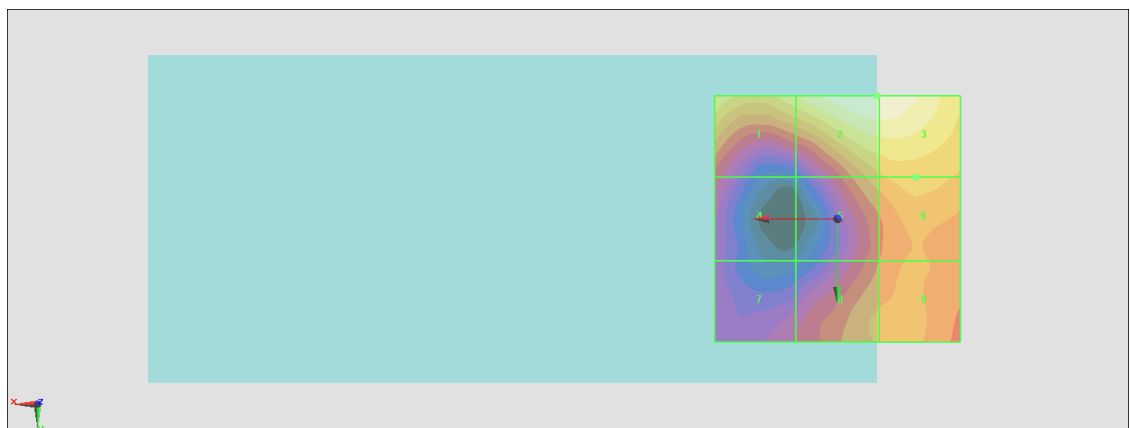
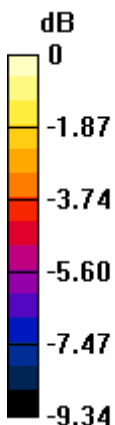
Grid 1 M4 26.96 dBV/m	Grid 2 M4 29.09 dBV/m	Grid 3 M4 28.79 dBV/m
Grid 4 M4 23.59 dBV/m	Grid 5 M4 25.46 dBV/m	Grid 6 M4 25.88 dBV/m
Grid 7 M4 23.19 dBV/m	Grid 8 M4 25.14 dBV/m	Grid 9 M4 25.28 dBV/m

Cursor:

Total = 29.09 dBV/m

E Category: M4

Location: -8, -25, 8.7 mm



0 dB = 28.48 V/m = 29.09 dBV/m

#21_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 - SN4062; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 2021/12/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- 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 = 14.42 V/m; Power Drift = 0.03 dB

Applied MIF = 3.63 dB

RF audio interference level = 30.15 dBV/m

Emission category: M3

MIF scaled E-field

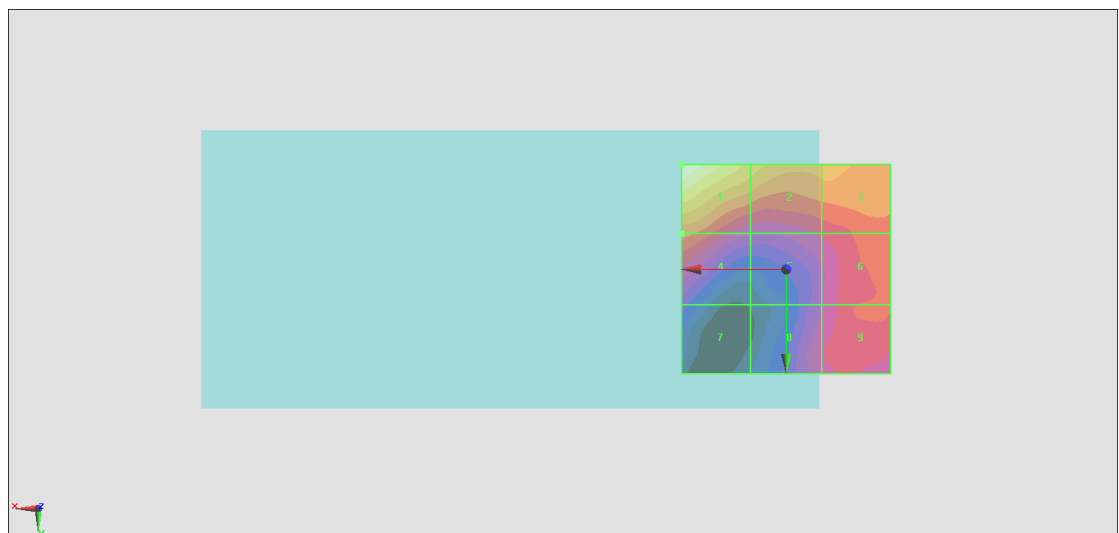
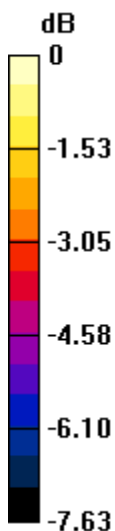
Grid 1 M3 30.15 dBV/m	Grid 2 M4 28.44 dBV/m	Grid 3 M4 27.77 dBV/m
Grid 4 M4 27.29 dBV/m	Grid 5 M4 26.21 dBV/m	Grid 6 M4 26.97 dBV/m
Grid 7 M4 24.85 dBV/m	Grid 8 M4 26.01 dBV/m	Grid 9 M4 26.65 dBV/m

Cursor:

Total = 30.15 dBV/m

E Category: M4

Location: 25, -25, 8.7 mm



0 dB = 32.16 V/m = 30.15 dBV/m

#07_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 - SN4062; ConvF(1, 1, 1) @ 2506 MHz; Calibrated: 2021/12/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- 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 = 8.986 V/m; Power Drift = -0.06 dB

Applied MIF = -1.44 dB

RF audio interference level = 22.65 dBV/m

Emission category: M4

MIF scaled E-field

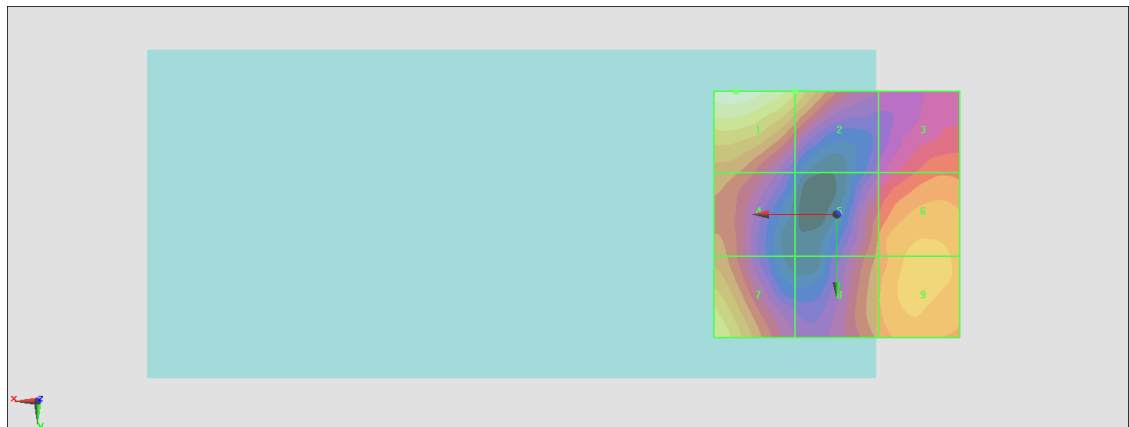
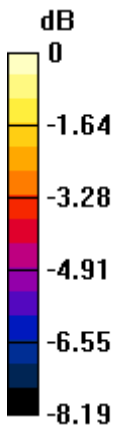
Grid 1 M4 22.65 dBV/m	Grid 2 M4 21.16 dBV/m	Grid 3 M4 19.31 dBV/m
Grid 4 M4 19.73 dBV/m	Grid 5 M4 19.54 dBV/m	Grid 6 M4 20.65 dBV/m
Grid 7 M4 21.67 dBV/m	Grid 8 M4 19.89 dBV/m	Grid 9 M4 20.72 dBV/m

Cursor:

Total = 22.65 dBV/m

E Category: M4

Location: 20.5, -25, 8.7 mm



0 dB = 13.56 V/m = 22.65 dBV/m

#08_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 - SN4062; ConvF(1, 1, 1) @ 2549.5 MHz; Calibrated: 2021/12/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- 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 = 9.562 V/m; Power Drift = -0.07 dB

Applied MIF = -1.44 dB

RF audio interference level = 22.90 dBV/m

Emission category: M4

MIF scaled E-field

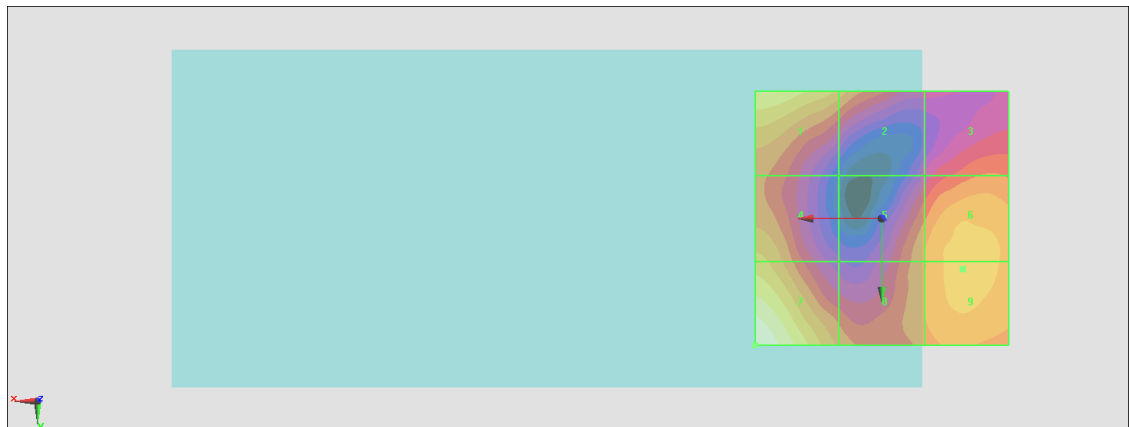
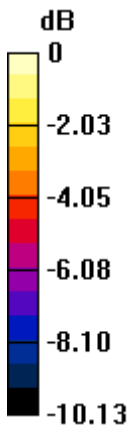
Grid 1 M4 21.63 dBV/m	Grid 2 M4 20.02 dBV/m	Grid 3 M4 18.94 dBV/m
Grid 4 M4 20.51 dBV/m	Grid 5 M4 19.55 dBV/m	Grid 6 M4 20.6 dBV/m
Grid 7 M4 22.9 dBV/m	Grid 8 M4 19.56 dBV/m	Grid 9 M4 20.64 dBV/m

Cursor:

Total = 22.90 dBV/m

E Category: M4

Location: 25, 25, 8.7 mm



0 dB = 13.97 V/m = 22.90 dBV/m

#09_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 - SN4062; ConvF(1, 1, 1) @ 2593 MHz; Calibrated: 2021/12/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- 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 = 6.692 V/m; Power Drift = -0.04 dB

Applied MIF = -1.44 dB

RF audio interference level = 23.44 dBV/m

Emission category: M4

MIF scaled E-field

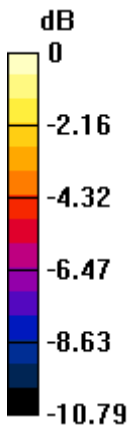
Grid 1 M4 23.44 dBV/m	Grid 2 M4 21 dBV/m	Grid 3 M4 19.17 dBV/m
Grid 4 M4 21.53 dBV/m	Grid 5 M4 19.57 dBV/m	Grid 6 M4 21.01 dBV/m
Grid 7 M4 22.89 dBV/m	Grid 8 M4 20.59 dBV/m	Grid 9 M4 21.23 dBV/m

Cursor:

Total = 23.44 dBV/m

E Category: M4

Location: 25, -25, 8.7 mm



0 dB = 14.85 V/m = 23.43 dBV/m

#10_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 - SN4062; ConvF(1, 1, 1) @ 2636.5 MHz; Calibrated: 2021/12/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- 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 = 6.392 V/m; Power Drift = -0.07 dB

Applied MIF = -1.44 dB

RF audio interference level = 24.58 dBV/m

Emission category: M4

MIF scaled E-field

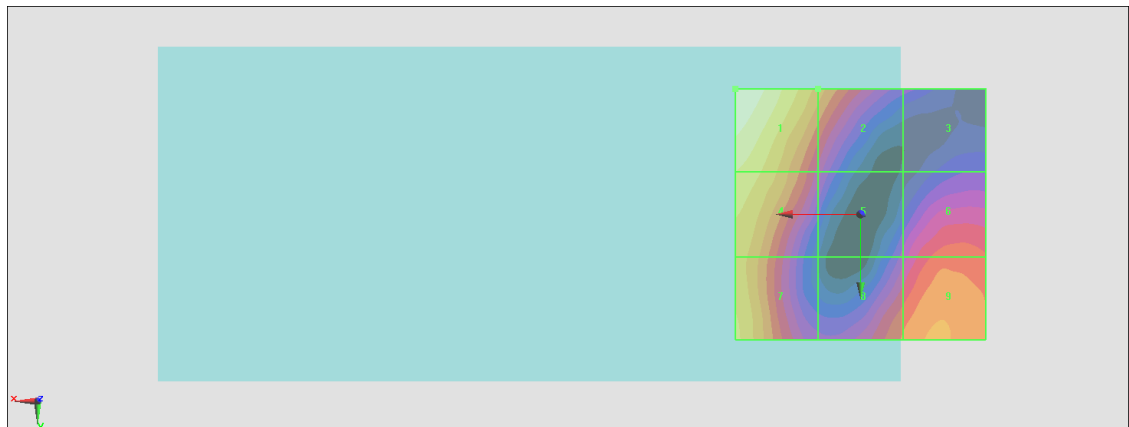
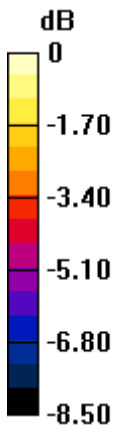
Grid 1 M4 24.58 dBV/m	Grid 2 M4 22.12 dBV/m	Grid 3 M4 18.74 dBV/m
Grid 4 M4 23.46 dBV/m	Grid 5 M4 19.85 dBV/m	Grid 6 M4 20.94 dBV/m
Grid 7 M4 23.06 dBV/m	Grid 8 M4 21.28 dBV/m	Grid 9 M4 21.89 dBV/m

Cursor:

Total = 24.58 dBV/m

E Category: M4

Location: 25, -25, 8.7 mm



0 dB = 16.95 V/m = 24.58 dBV/m

#11_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 - SN4062; ConvF(1, 1, 1) @ 2680 MHz; Calibrated: 2021/12/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- 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 = 6.030 V/m; Power Drift = -0.07 dB

Applied MIF = -1.44 dB

RF audio interference level = 24.50 dBV/m

Emission category: M4

MIF scaled E-field

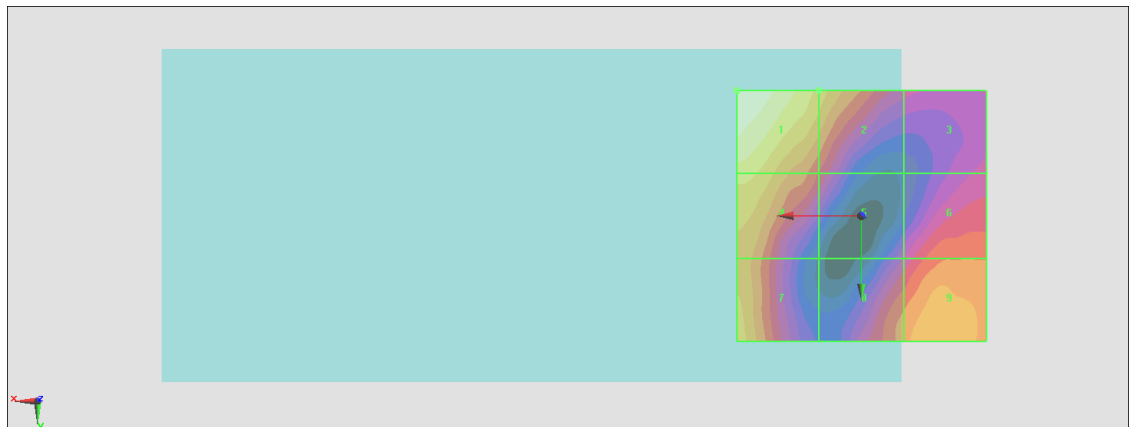
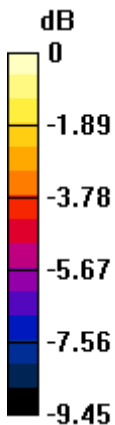
Grid 1 M4 24.5 dBV/m	Grid 2 M4 22.4 dBV/m	Grid 3 M4 19.17 dBV/m
Grid 4 M4 22.98 dBV/m	Grid 5 M4 20.06 dBV/m	Grid 6 M4 20.71 dBV/m
Grid 7 M4 22.45 dBV/m	Grid 8 M4 21.13 dBV/m	Grid 9 M4 21.77 dBV/m

Cursor:

Total = 24.50 dBV/m

E Category: M4

Location: 25, -25, 8.7 mm



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

#22_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 - SN4062; ConvF(1, 1, 1) @ 2636.5 MHz; Calibrated: 2021/12/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- 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 = 9.861 V/m; Power Drift = 0.12 dB

Applied MIF = -1.44 dB

RF audio interference level = 21.06 dBV/m

Emission category: M4

MIF scaled E-field

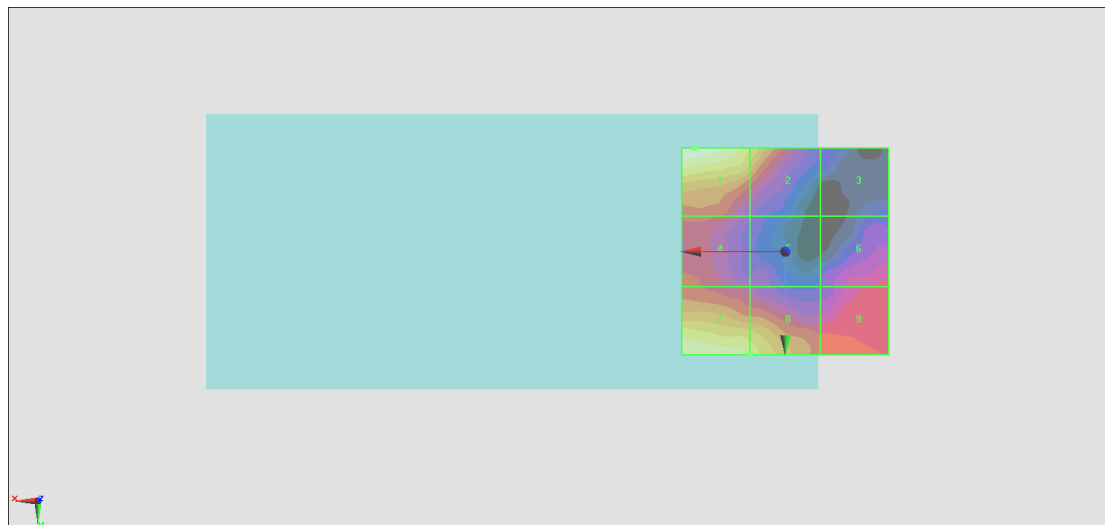
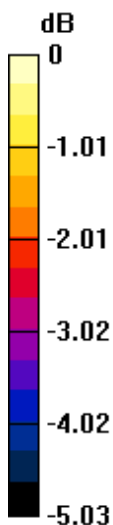
Grid 1 M4 21.06 dBV/m	Grid 2 M4 20.07 dBV/m	Grid 3 M4 17.44 dBV/m
Grid 4 M4 18.86 dBV/m	Grid 5 M4 18.13 dBV/m	Grid 6 M4 18.49 dBV/m
Grid 7 M4 20.63 dBV/m	Grid 8 M4 20.3 dBV/m	Grid 9 M4 19 dBV/m

Cursor:

Total = 21.06 dBV/m

E Category: M4

Location: 22, -25, 8.7 mm



0 dB = 11.29 V/m = 21.05 dBV/m

#12_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 - SN4062; ConvF(1, 1, 1) @ 2506 MHz; Calibrated: 2021/12/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- 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 = 9.571 V/m; Power Drift = -0.02 dB

Applied MIF = -1.44 dB

RF audio interference level = 22.19 dBV/m

Emission category: M4

MIF scaled E-field

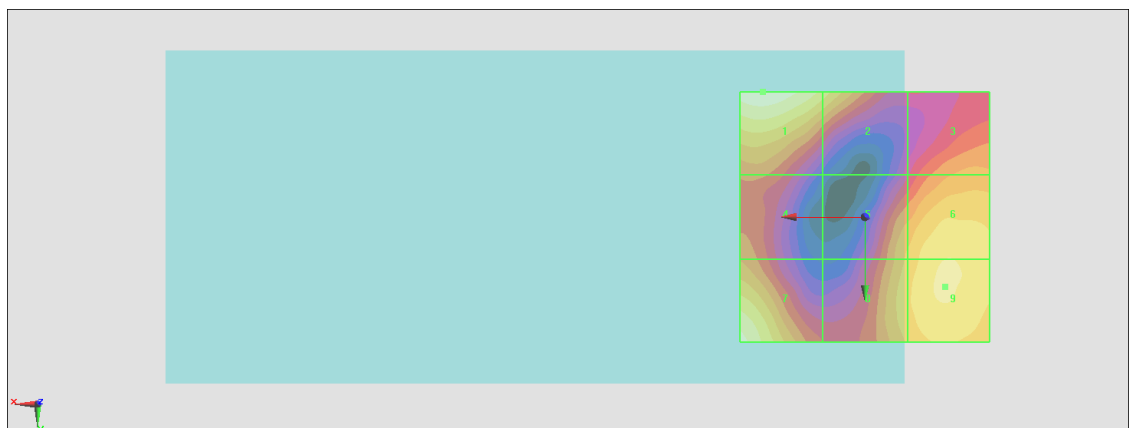
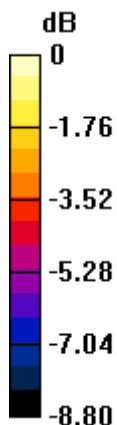
Grid 1 M4 22.19 dBV/m	Grid 2 M4 20.83 dBV/m	Grid 3 M4 19.48 dBV/m
Grid 4 M4 19.23 dBV/m	Grid 5 M4 19.98 dBV/m	Grid 6 M4 21.04 dBV/m
Grid 7 M4 21.85 dBV/m	Grid 8 M4 20.32 dBV/m	Grid 9 M4 21.13 dBV/m

Cursor:

Total = 22.19 dBV/m

E Category: M4

Location: 20.5, -25, 8.7 mm



0 dB = 12.87 V/m = 22.19 dBV/m

#13_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 - SN4062; ConvF(1, 1, 1) @ 2549.5 MHz; Calibrated: 2021/12/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- 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 = 10.38 V/m; Power Drift = 0.18 dB

Applied MIF = -1.44 dB

RF audio interference level = 23.68 dBV/m

Emission category: M4

MIF scaled E-field

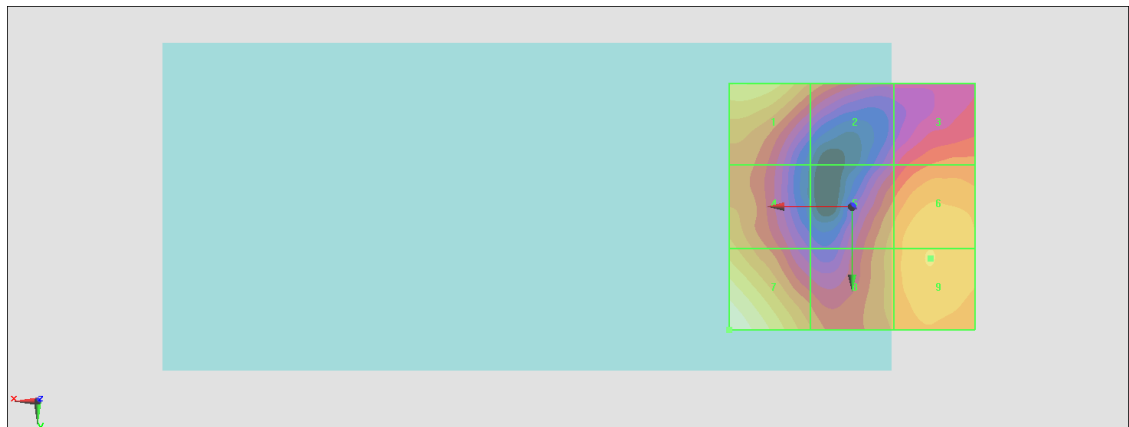
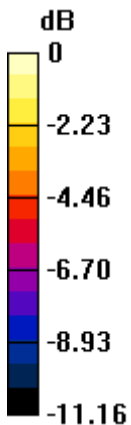
Grid 1 M4 22.3 dBV/m	Grid 2 M4 19.96 dBV/m	Grid 3 M4 19.52 dBV/m
Grid 4 M4 21.08 dBV/m	Grid 5 M4 20.36 dBV/m	Grid 6 M4 21.44 dBV/m
Grid 7 M4 23.68 dBV/m	Grid 8 M4 20.43 dBV/m	Grid 9 M4 21.5 dBV/m

Cursor:

Total = 23.68 dBV/m

E Category: M4

Location: 25, 25, 8.7 mm



0 dB = 15.27 V/m = 23.68 dBV/m

#14_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 - SN4062; ConvF(1, 1, 1) @ 2593 MHz; Calibrated: 2021/12/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- 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 = 7.311 V/m; Power Drift = -0.04 dB

Applied MIF = -1.44 dB

RF audio interference level = 24.86 dBV/m

Emission category: M4

MIF scaled E-field

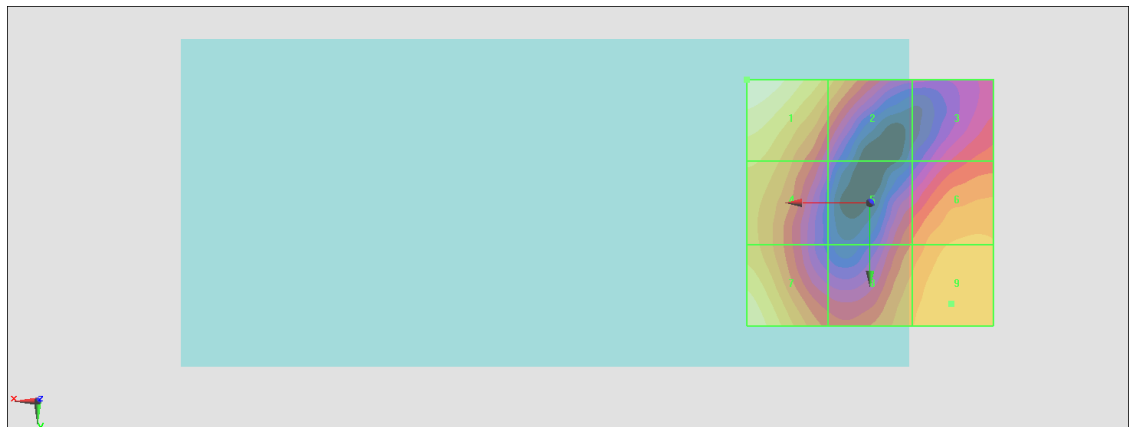
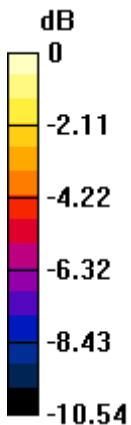
Grid 1 M4 24.86 dBV/m	Grid 2 M4 22.45 dBV/m	Grid 3 M4 20.35 dBV/m
Grid 4 M4 22.93 dBV/m	Grid 5 M4 20.72 dBV/m	Grid 6 M4 22.22 dBV/m
Grid 7 M4 24.15 dBV/m	Grid 8 M4 22.02 dBV/m	Grid 9 M4 22.5 dBV/m

Cursor:

Total = 24.86 dBV/m

E Category: M4

Location: 25, -25, 8.7 mm



0 dB = 17.51 V/m = 24.87 dBV/m

#15_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 - SN4062; ConvF(1, 1, 1) @ 2636.5 MHz; Calibrated: 2021/12/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- 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 = 6.348 V/m; Power Drift = 0.09 dB

Applied MIF = -1.44 dB

RF audio interference level = 25.64 dBV/m

Emission category: M4

MIF scaled E-field

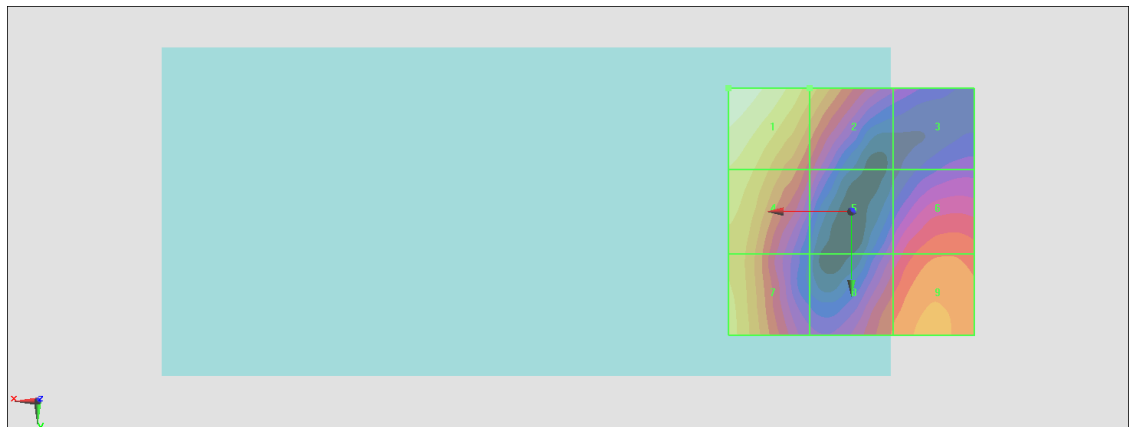
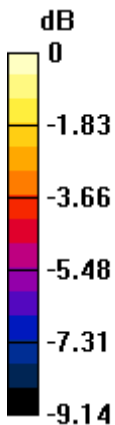
Grid 1 M4 25.64 dBV/m	Grid 2 M4 23.54 dBV/m	Grid 3 M4 19.8 dBV/m
Grid 4 M4 24.38 dBV/m	Grid 5 M4 21.04 dBV/m	Grid 6 M4 21.94 dBV/m
Grid 7 M4 24.12 dBV/m	Grid 8 M4 22.07 dBV/m	Grid 9 M4 22.78 dBV/m

Cursor:

Total = 25.64 dBV/m

E Category: M4

Location: 25, -25, 8.7 mm



0 dB = 19.13 V/m = 25.63 dBV/m

#16_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 - SN4062; ConvF(1, 1, 1) @ 2680 MHz; Calibrated: 2021/12/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- 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 = 6.613 V/m; Power Drift = -0.04 dB

Applied MIF = -1.44 dB

RF audio interference level = 25.78 dBV/m

Emission category: M4

MIF scaled E-field

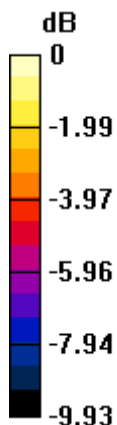
Grid 1 M4 25.78 dBV/m	Grid 2 M4 23.58 dBV/m	Grid 3 M4 20.04 dBV/m
Grid 4 M4 24 dBV/m	Grid 5 M4 21.07 dBV/m	Grid 6 M4 21.75 dBV/m
Grid 7 M4 23.87 dBV/m	Grid 8 M4 22.31 dBV/m	Grid 9 M4 22.89 dBV/m

Cursor:

Total = 25.78 dBV/m

E Category: M4

Location: 25, -25, 8.7 mm



0 dB = 19.45 V/m = 25.78 dBV/m

#23_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 - SN4062; ConvF(1, 1, 1) @ 2680 MHz; Calibrated: 2021/12/27
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- 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 = 10.14 V/m; Power Drift = -0.01 dB

Applied MIF = -1.44 dB

RF audio interference level = 20.76 dBV/m

Emission category: M4

MIF scaled E-field

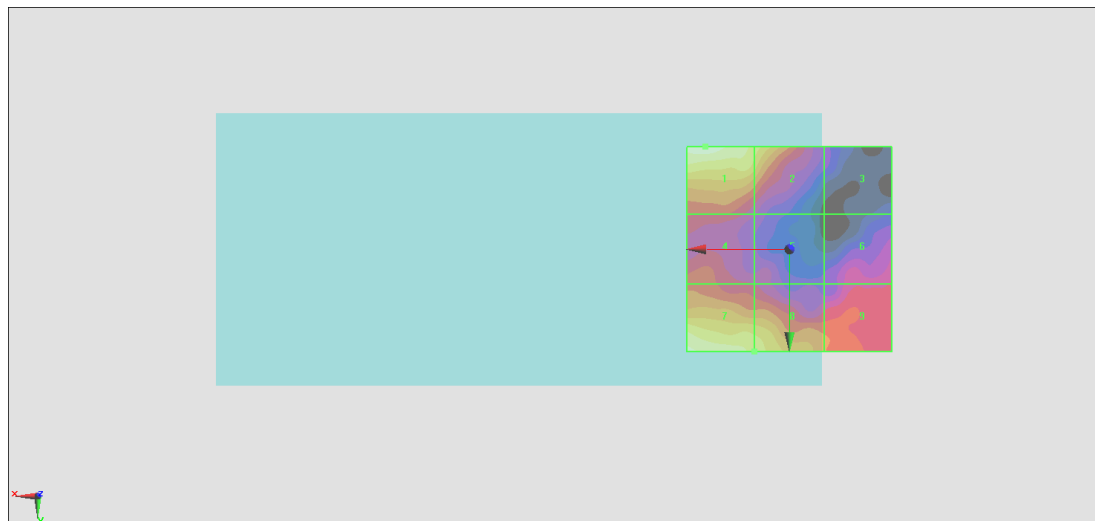
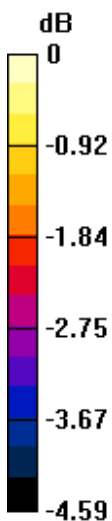
Grid 1 M4 20.76 dBV/m	Grid 2 M4 20.02 dBV/m	Grid 3 M4 17.63 dBV/m
Grid 4 M4 18.82 dBV/m	Grid 5 M4 18.3 dBV/m	Grid 6 M4 18.38 dBV/m
Grid 7 M4 20.55 dBV/m	Grid 8 M4 20.04 dBV/m	Grid 9 M4 19 dBV/m

Cursor:

Total = 20.76 dBV/m

E Category: M4

Location: 20.5, -25, 8.7 mm



0 dB = 10.91 V/m = 20.76 dBV/m

#17_HAC_E_WLAN2.4GHz_802.11g_6Mbps_Ch1

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 : 23.6 °C

DASY5 Configuration

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1) @ 2412 MHz; Calibrated: 2021/12/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- 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 = 37.63 V/m; Power Drift = 0.07 dB

Applied MIF = 0.12 dB

RF audio interference level = 30.99 dBV/m

Emission category: **M3**

MIF scaled E-field

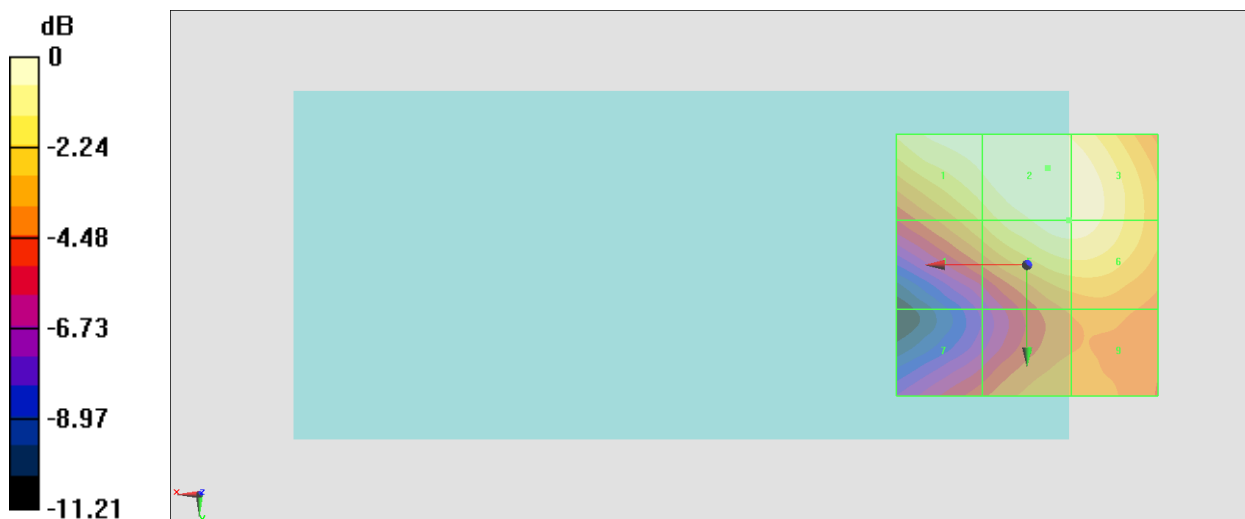
Grid 1 M3 30.72 dBV/m	Grid 2 M3 30.99 dBV/m	Grid 3 M3 30.89 dBV/m
Grid 4 M4 28.89 dBV/m	Grid 5 M3 30.65 dBV/m	Grid 6 M3 30.65 dBV/m
Grid 7 M4 26.34 dBV/m	Grid 8 M4 27.9 dBV/m	Grid 9 M4 27.9 dBV/m

Cursor:

Total = 30.99 dBV/m

E Category: M3

Location: -4, -18.5, 8.7 mm



0 dB = 35.45 V/m = 30.99 dBV/m

#18_HAC_E_WLAN2.4GHz_802.11g_6Mbps_Ch6

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 : 23.6 °C

DASY5 Configuration

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1) @ 2437 MHz; Calibrated: 2021/12/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- 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 = 41.92 V/m; Power Drift = 0.03 dB

Applied MIF = 0.12 dB

RF audio interference level = 31.37 dBV/m

Emission category: **M3**

MIF scaled E-field

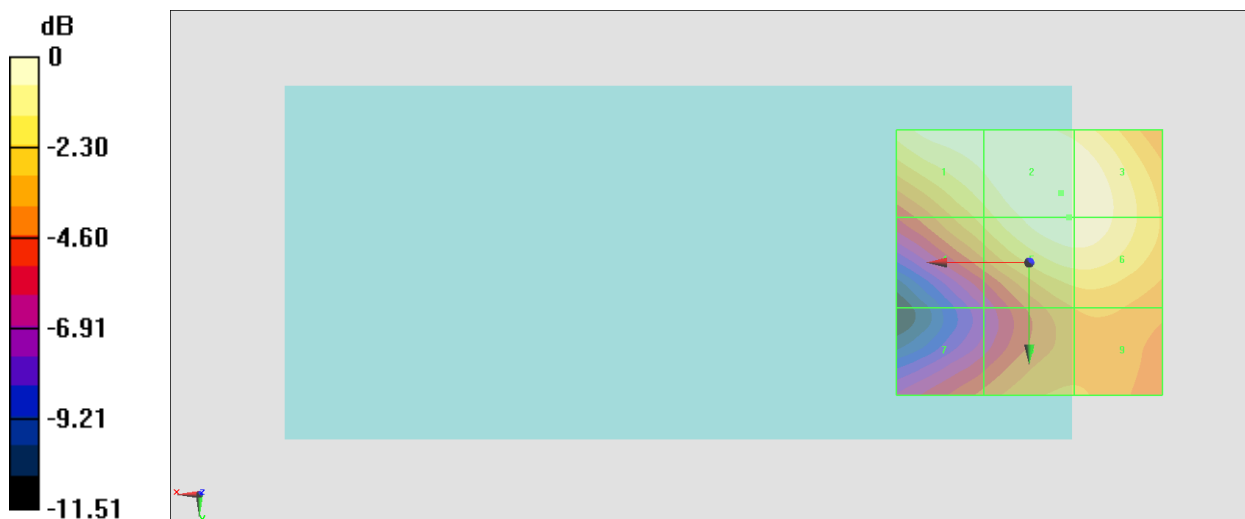
Grid 1 M3 31.05 dBV/m	Grid 2 M3 31.37 dBV/m	Grid 3 M3 31.33 dBV/m
Grid 4 M4 29.43 dBV/m	Grid 5 M3 31.21 dBV/m	Grid 6 M3 31.21 dBV/m
Grid 7 M4 27.08 dBV/m	Grid 8 M4 28.43 dBV/m	Grid 9 M4 28.51 dBV/m

Cursor:

Total = 31.37 dBV/m

E Category: M3

Location: -6, -13, 8.7 mm



0 dB = 37.01 V/m = 31.37 dBV/m

#19_HAC_E_WLAN2.4GHz_802.11g_6Mbps_Ch11

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 : 23.6 °C

DASY5 Configuration

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1) @ 2462 MHz; Calibrated: 2021/12/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- 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 = 35.13 V/m; Power Drift = -0.04 dB

Applied MIF = 0.12 dB

RF audio interference level = 29.81 dBV/m

Emission category: **M4**

MIF scaled E-field

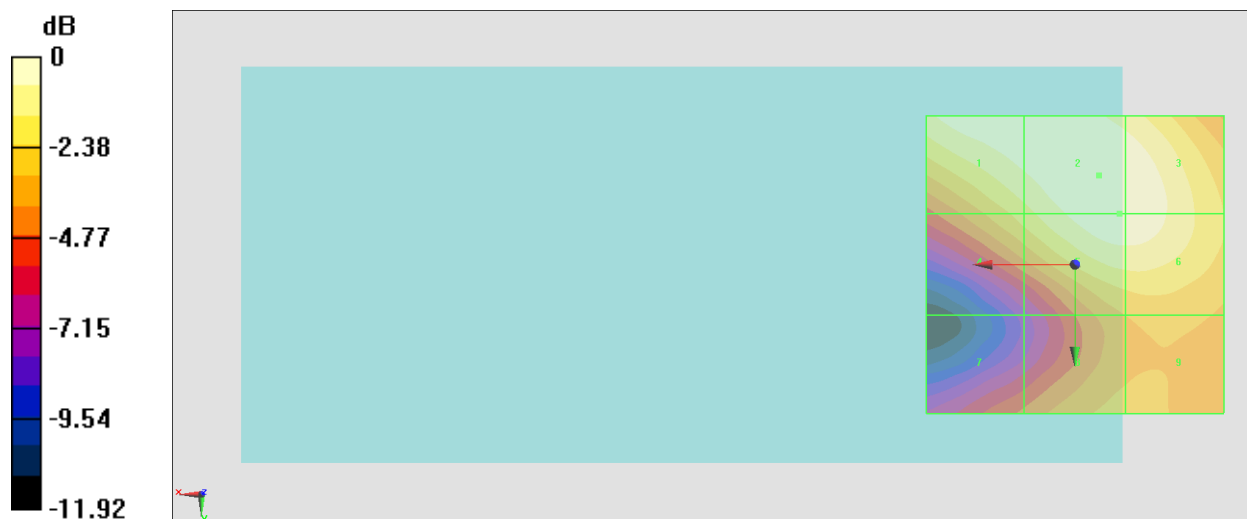
Grid 1 M4 29.68 dBV/m	Grid 2 M4 29.81 dBV/m	Grid 3 M4 29.73 dBV/m
Grid 4 M4 27.87 dBV/m	Grid 5 M4 29.62 dBV/m	Grid 6 M4 29.61 dBV/m
Grid 7 M4 25.28 dBV/m	Grid 8 M4 26.9 dBV/m	Grid 9 M4 26.97 dBV/m

Cursor:

Total = 29.81 dBV/m

E Category: M4

Location: -4, -15, 8.7 mm



0 dB = 30.95 V/m = 29.81 dBV/m

#24_HAC_E_WLAN2.4GHz_802.11g_6Mbps_Ch6

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 : 23.6 °C

DASY5 Configuration

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1) @ 2437 MHz; Calibrated: 2021/12/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- 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 = 30.93 V/m; Power Drift = 0.01 dB

Applied MIF = 0.12 dB

RF audio interference level = 31.43 dBV/m

Emission category: M3

MIF scaled E-field

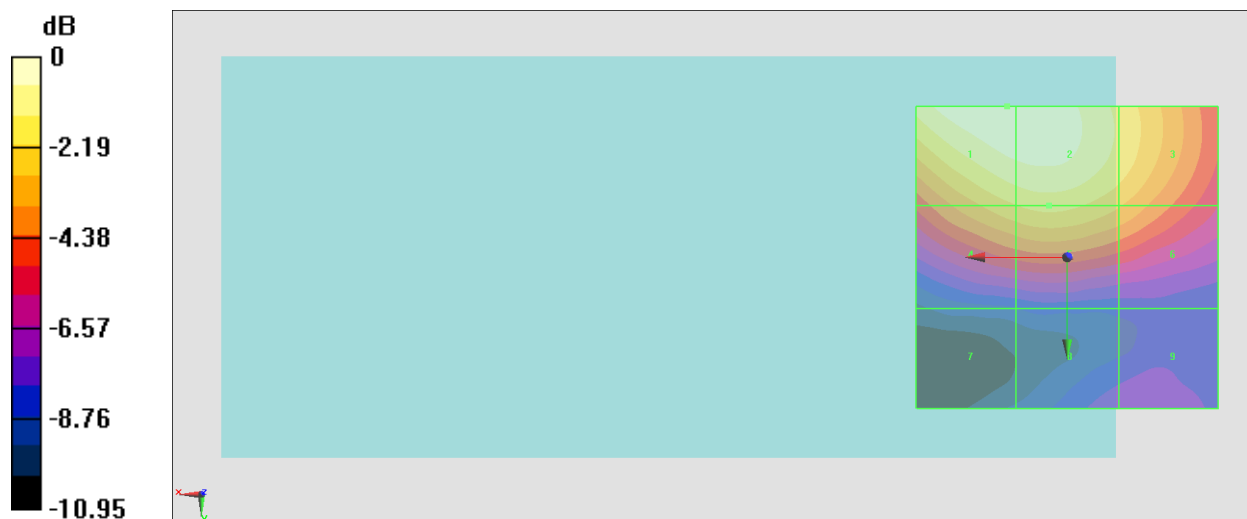
Grid 1 M3 31.43 dBV/m	Grid 2 M3 31.41 dBV/m	Grid 3 M4 29.88 dBV/m
Grid 4 M4 29.21 dBV/m	Grid 5 M4 29.49 dBV/m	Grid 6 M4 28.6 dBV/m
Grid 7 M4 22.67 dBV/m	Grid 8 M4 23.96 dBV/m	Grid 9 M4 24.05 dBV/m

Cursor:

Total = 31.43 dBV/m

E Category: M3

Location: 10, -25, 8.7 mm



0 dB = 37.30 V/m = 31.43 dBV/m