

#01_HAC_E_GSM850_Voice_Ch128_Ant 0

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

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

Ambient Temperature : 23.6 °C

DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 824.2 MHz; Calibrated: 2020/1/24

- Sensor-Surface: (Fix Surface)

- Electronics: DAE3 Sn495; Calibrated: 2020/7/21

- 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 = 35.54 V/m; Power Drift = 0.02 dB

Applied MIF = 3.63 dB

RF audio interference level = 31.97 dBV/m

Emission category: M4

MIF scaled E-field

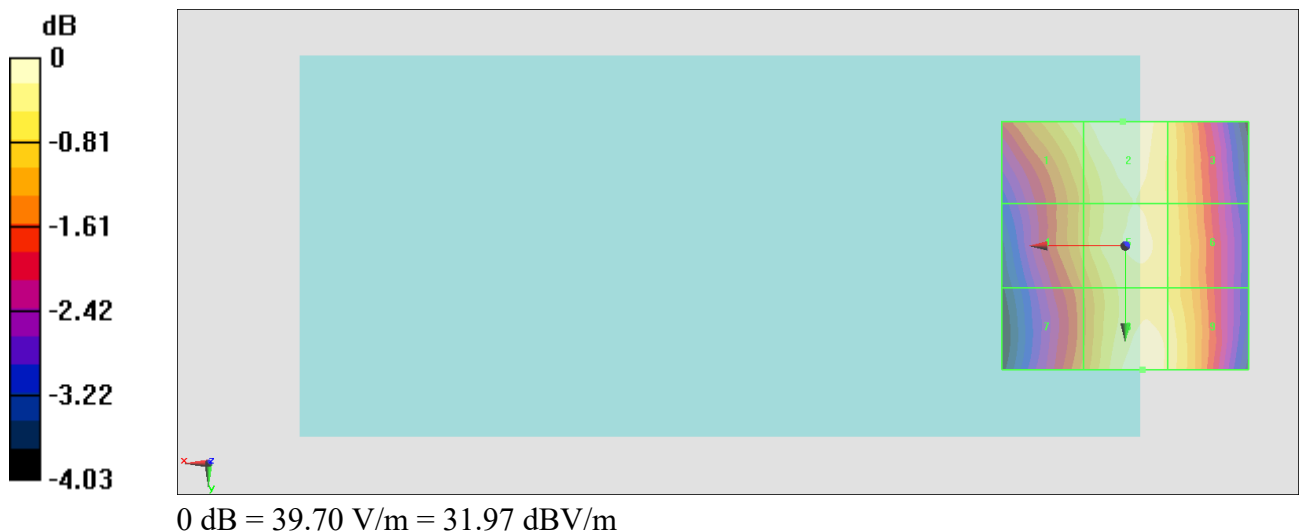
Grid 1 M4 31.62 dBV/m	Grid 2 M4 31.97 dBV/m	Grid 3 M4 31.45 dBV/m
Grid 4 M4 31.04 dBV/m	Grid 5 M4 31.78 dBV/m	Grid 6 M4 31.47 dBV/m
Grid 7 M4 30.74 dBV/m	Grid 8 M4 31.88 dBV/m	Grid 9 M4 31.66 dBV/m

Cursor:

Total = 31.97 dBV/m

E Category: M4

Location: 0.5, -25, 8.7 mm



#02_HAC_E_GSM850_Voice_Ch189_Ant 0

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 : 23.6 °C

DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 836.4 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2020/7/21
- 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 = 32.62 V/m; Power Drift = -0.00 dB

Applied MIF = 3.63 dB

RF audio interference level = 31.77 dBV/m

Emission category: M4

MIF scaled E-field

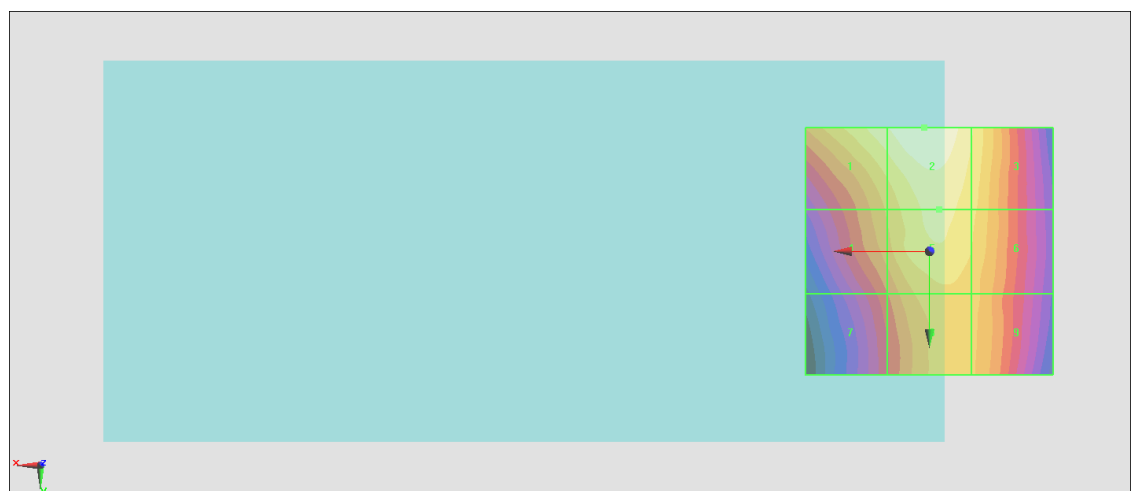
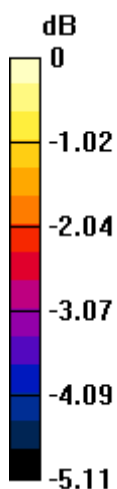
Grid 1 M4 31.42 dBV/m	Grid 2 M4 31.77 dBV/m	Grid 3 M4 31.14 dBV/m
Grid 4 M4 30.47 dBV/m	Grid 5 M4 31.19 dBV/m	Grid 6 M4 30.86 dBV/m
Grid 7 M4 29.72 dBV/m	Grid 8 M4 30.68 dBV/m	Grid 9 M4 30.55 dBV/m

Cursor:

Total = 31.77 dBV/m

E Category: M4

Location: 1, -25, 8.7 mm



0 dB = 38.75 V/m = 31.77 dBV/m

#03_HAC_E_GSM850_Voice_Ch251_Ant 0

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 : 23.6 °C

DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 848.8 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2020/7/21
- 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 = 31.53 V/m; Power Drift = -0.02 dB

Applied MIF = 3.63 dB

RF audio interference level = 31.66 dBV/m

Emission category: M4

MIF scaled E-field

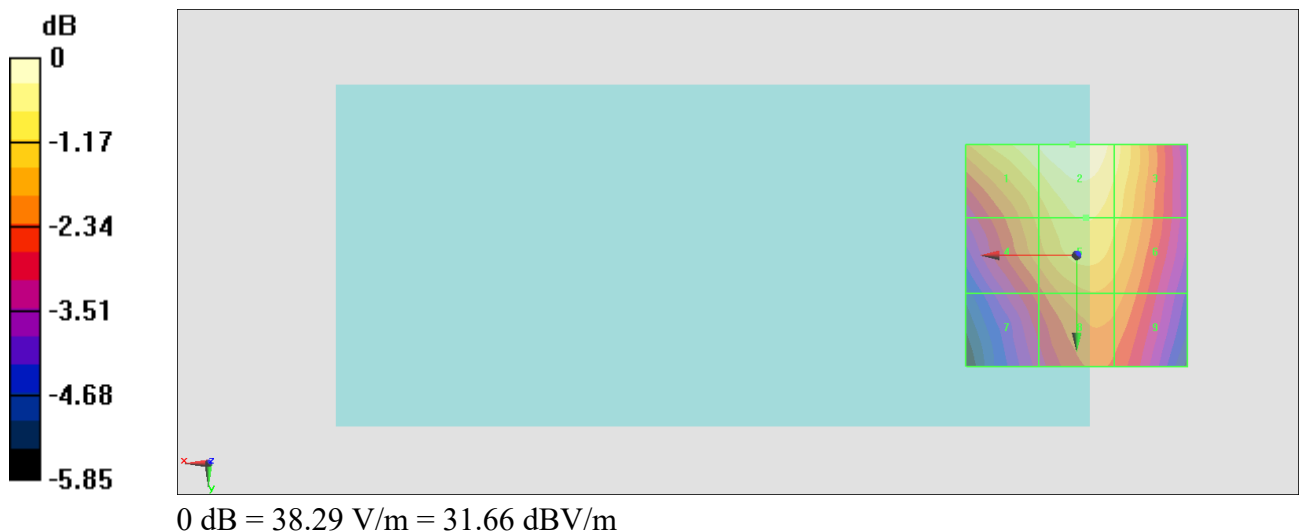
Grid 1 M4 31.34 dBV/m	Grid 2 M4 31.66 dBV/m	Grid 3 M4 31.1 dBV/m
Grid 4 M4 30.24 dBV/m	Grid 5 M4 30.91 dBV/m	Grid 6 M4 30.62 dBV/m
Grid 7 M4 29.18 dBV/m	Grid 8 M4 30.09 dBV/m	Grid 9 M4 29.93 dBV/m

Cursor:

Total = 31.66 dBV/m

E Category: M4

Location: 1, -25, 8.7 mm



#04_HAC_E_GSM850_Voice_Ch128_Ant 1

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

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

Ambient Temperature : 23.6 °C

DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 824.2 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2020/7/21
- 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 = 32.32 V/m; Power Drift = -0.12 dB

Applied MIF = 3.63 dB

RF audio interference level = 34.92 dBV/m

Emission category: M4

MIF scaled E-field

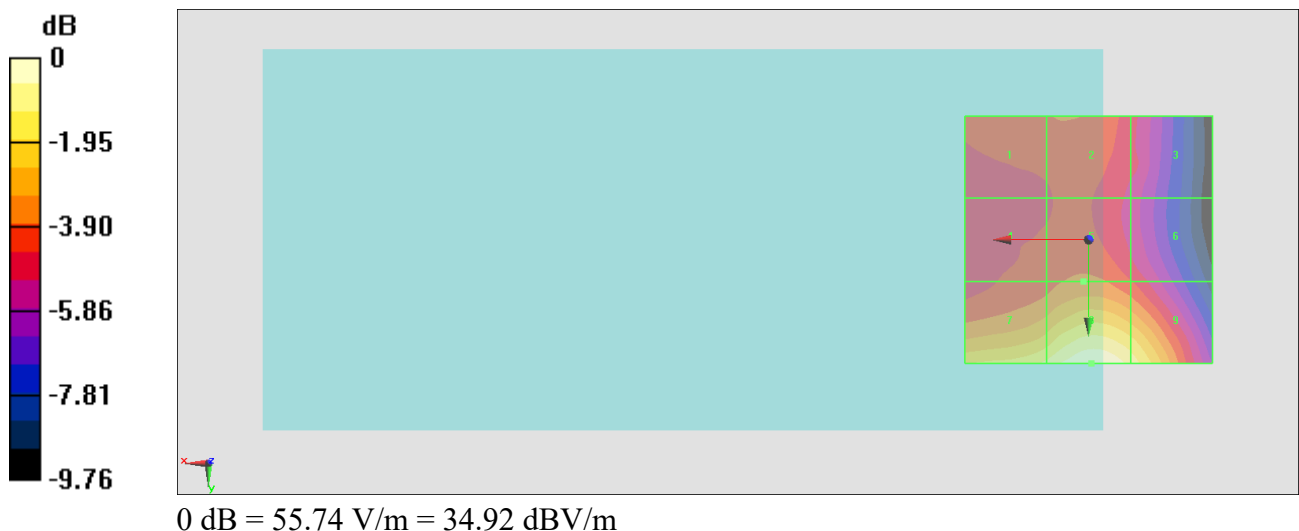
Grid 1 M4 31 dBV/m	Grid 2 M4 31.07 dBV/m	Grid 3 M4 30.04 dBV/m
Grid 4 M4 30.78 dBV/m	Grid 5 M4 31.22 dBV/m	Grid 6 M4 30.46 dBV/m
Grid 7 M4 33.83 dBV/m	Grid 8 M4 34.92 dBV/m	Grid 9 M4 34.06 dBV/m

Cursor:

Total = 34.92 dBV/m

E Category: M4

Location: -0.5, 25, 8.7 mm



#05_HAC_E_GSM850_Voice_Ch189_Ant 1

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 : 23.6 °C

DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 836.4 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2020/7/21
- 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 = 34.95 V/m; Power Drift = -0.03 dB

Applied MIF = 3.63 dB

RF audio interference level = 35.89 dBV/m

Emission category: M4

MIF scaled E-field

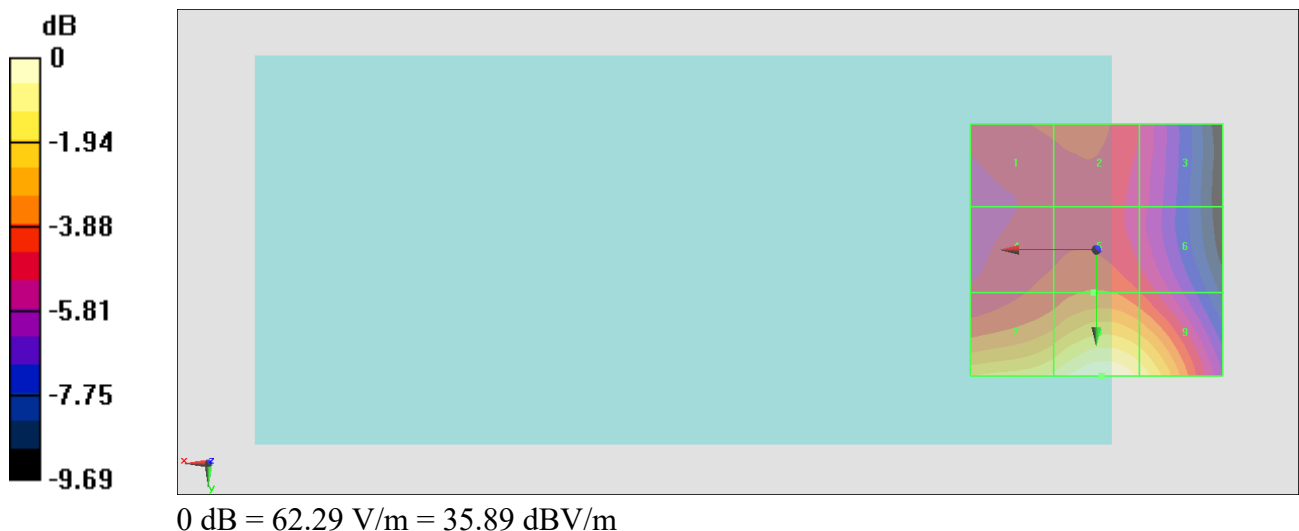
Grid 1 M4 31.52 dBV/m	Grid 2 M4 31.61 dBV/m	Grid 3 M4 30.73 dBV/m
Grid 4 M4 31.67 dBV/m	Grid 5 M4 32.11 dBV/m	Grid 6 M4 31.45 dBV/m
Grid 7 M4 34.81 dBV/m	Grid 8 M4 35.89 dBV/m	Grid 9 M4 35.12 dBV/m

Cursor:

Total = 35.89 dBV/m

E Category: M4

Location: -1, 25, 8.7 mm



#06_HAC_E_GSM850_Voice_Ch251_Ant 1

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 : 23.6 °C

DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 848.8 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2020/7/21
- 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 = 34.36 V/m; Power Drift = -0.08 dB

Applied MIF = 3.63 dB

RF audio interference level = 35.66 dBV/m

Emission category: M4

MIF scaled E-field

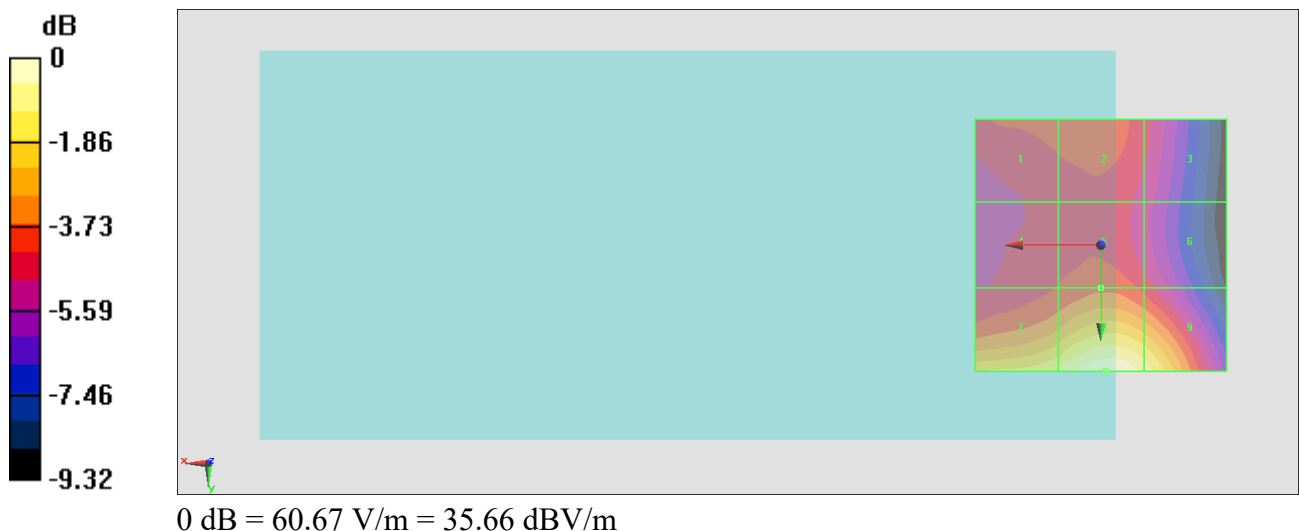
Grid 1 M4 31.65 dBV/m	Grid 2 M4 31.79 dBV/m	Grid 3 M4 30.96 dBV/m
Grid 4 M4 31.38 dBV/m	Grid 5 M4 31.83 dBV/m	Grid 6 M4 31.14 dBV/m
Grid 7 M4 34.58 dBV/m	Grid 8 M4 35.66 dBV/m	Grid 9 M4 34.89 dBV/m

Cursor:

Total = 35.66 dBV/m

E Category: M4

Location: -1, 25, 8.7 mm



#07_HAC_E_GSM1900_Voice_Ch512_Ant 2

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 : 23.6 °C

DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 1850.2 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2020/7/21
- 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 = 8.533 V/m; Power Drift = -0.11 dB

Applied MIF = 3.63 dB

RF audio interference level = 26.17 dBV/m

Emission category: M4

MIF scaled E-field

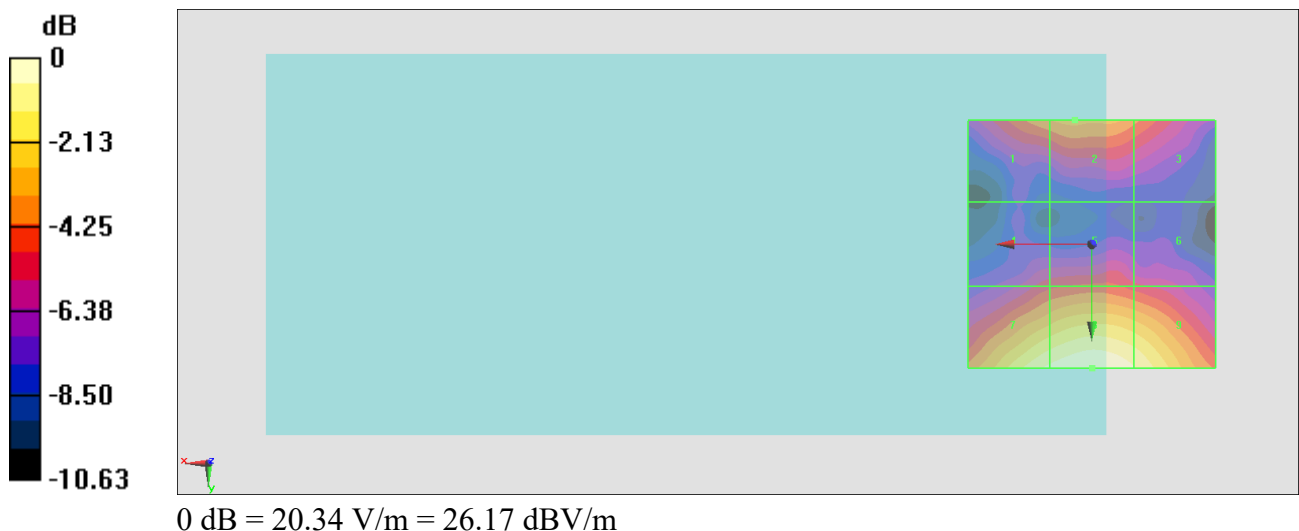
Grid 1 M4 22.6 dBV/m	Grid 2 M4 22.88 dBV/m	Grid 3 M4 22.17 dBV/m
Grid 4 M4 21.04 dBV/m	Grid 5 M4 21.48 dBV/m	Grid 6 M4 20.87 dBV/m
Grid 7 M4 25.66 dBV/m	Grid 8 M4 26.17 dBV/m	Grid 9 M4 25.52 dBV/m

Cursor:

Total = 26.17 dBV/m

E Category: M4

Location: 0, 25, 8.7 mm



#08_HAC_E_GSM1900_Voice_Ch661_Ant 2

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 : 23.6 °C

DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2020/7/21
- 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 = 6.535 V/m; Power Drift = 0.12 dB

Applied MIF = 3.63 dB

RF audio interference level = 26.05 dBV/m

Emission category: M4

MIF scaled E-field

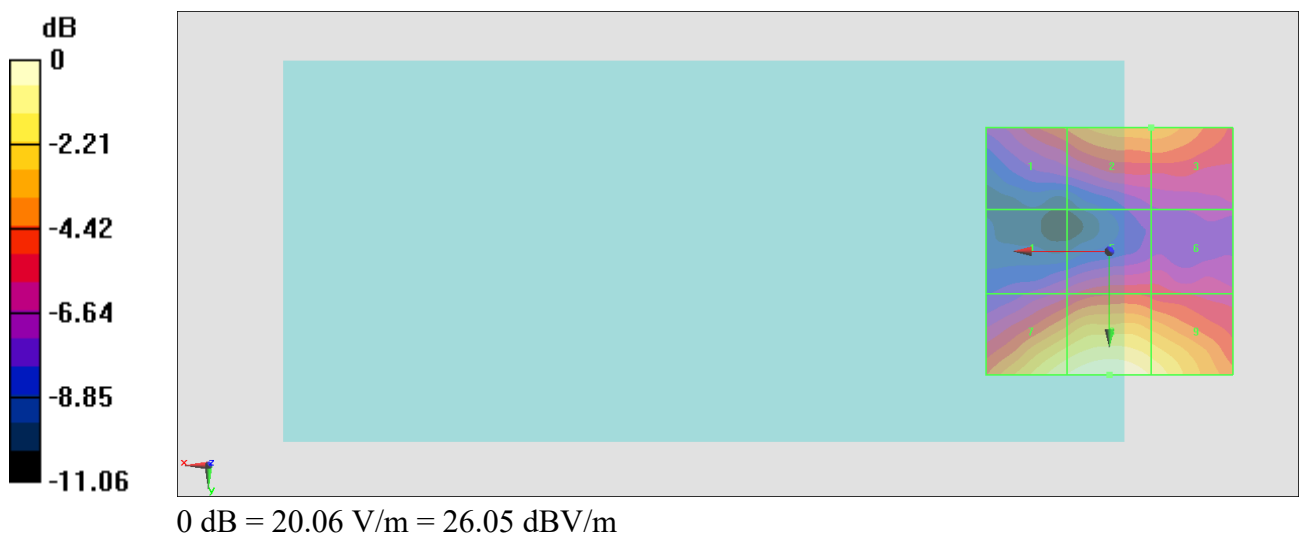
Grid 1 M4 21.82 dBV/m	Grid 2 M4 22.91 dBV/m	Grid 3 M4 22.91 dBV/m
Grid 4 M4 19.86 dBV/m	Grid 5 M4 20.86 dBV/m	Grid 6 M4 20.64 dBV/m
Grid 7 M4 25.36 dBV/m	Grid 8 M4 26.05 dBV/m	Grid 9 M4 25.24 dBV/m

Cursor:

Total = 26.05 dBV/m

E Category: M4

Location: 0, 25, 8.7 mm



#09_HAC_E_GSM1900_Voice_Ch810_Ant 2

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 : 23.6 °C

DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 1909.8 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2020/7/21
- 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 = 6.551 V/m; Power Drift = 0.01 dB

Applied MIF = 3.63 dB

RF audio interference level = 26.66 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.25 dBV/m	Grid 2 M4 23.14 dBV/m	Grid 3 M4 22.96 dBV/m
Grid 4 M4 20.77 dBV/m	Grid 5 M4 22.35 dBV/m	Grid 6 M4 22.22 dBV/m
Grid 7 M4 25.65 dBV/m	Grid 8 M4 26.66 dBV/m	Grid 9 M4 26.32 dBV/m

Cursor:

Total = 26.66 dBV/m

E Category: M4

Location: -3, 25, 8.7 mm



#10_HAC_E_GSM1900_Voice_Ch512_Ant 6

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 : 23.6 °C

DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 1850.2 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2020/7/21
- 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 = 14.17 V/m; Power Drift = 0.02 dB

Applied MIF = 3.63 dB

RF audio interference level = 28.37 dBV/m

Emission category: M4

MIF scaled E-field

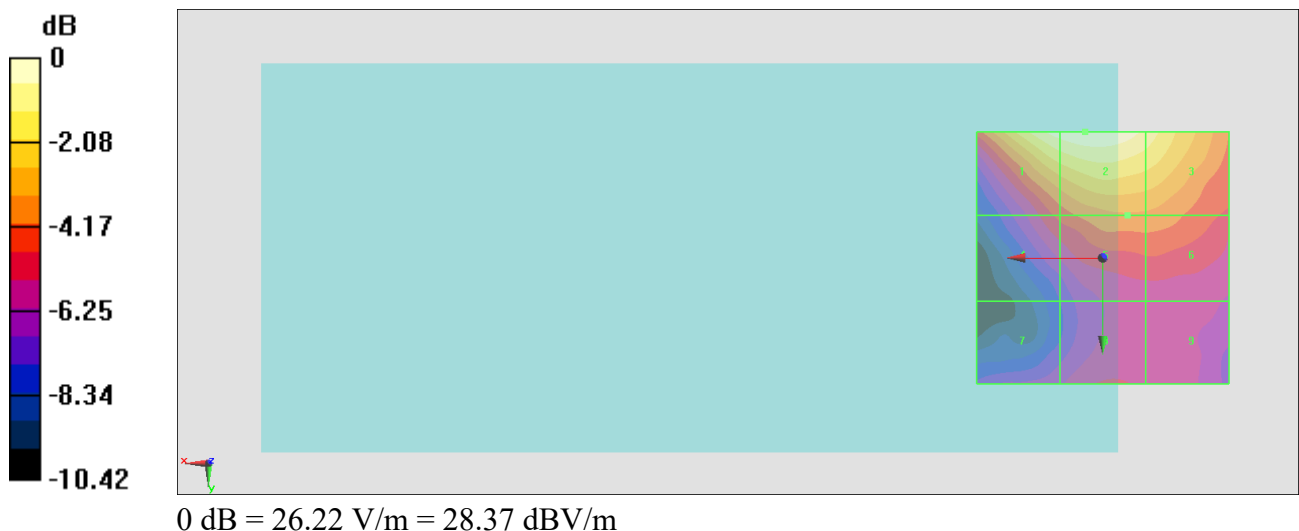
Grid 1 M4 28.11 dBV/m	Grid 2 M4 28.37 dBV/m	Grid 3 M4 27.46 dBV/m
Grid 4 M4 23.79 dBV/m	Grid 5 M4 24.82 dBV/m	Grid 6 M4 24.78 dBV/m
Grid 7 M4 22 dBV/m	Grid 8 M4 22.95 dBV/m	Grid 9 M4 22.74 dBV/m

Cursor:

Total = 28.37 dBV/m

E Category: M4

Location: 3.5, -25, 8.7 mm



#11_HAC_E_GSM1900_Voice_Ch661_Ant 6

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 : 23.6 °C

DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2020/7/21
- 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 = 15.78 V/m; Power Drift = 0.02 dB

Applied MIF = 3.63 dB

RF audio interference level = 28.99 dBV/m

Emission category: M4

MIF scaled E-field

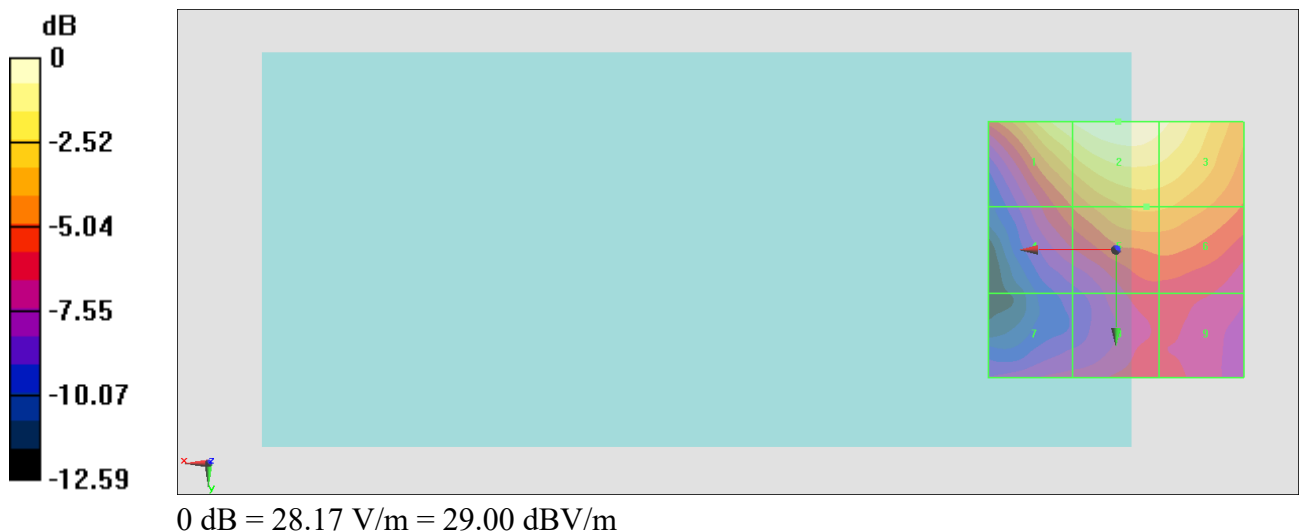
Grid 1 M4 28.23 dBV/m	Grid 2 M4 28.99 dBV/m	Grid 3 M4 28.46 dBV/m
Grid 4 M4 24.02 dBV/m	Grid 5 M4 25.86 dBV/m	Grid 6 M4 25.8 dBV/m
Grid 7 M4 21.86 dBV/m	Grid 8 M4 22.9 dBV/m	Grid 9 M4 22.91 dBV/m

Cursor:

Total = 28.99 dBV/m

E Category: M4

Location: -0.5, -25, 8.7 mm



#12_HAC_E_GSM1900_Voice_Ch810_Ant 6

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 : 23.6 °C

DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 1909.8 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2020/7/21
- 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 = 14.22 V/m; Power Drift = -0.03 dB

Applied MIF = 3.63 dB

RF audio interference level = 28.32 dBV/m

Emission category: M4

MIF scaled E-field

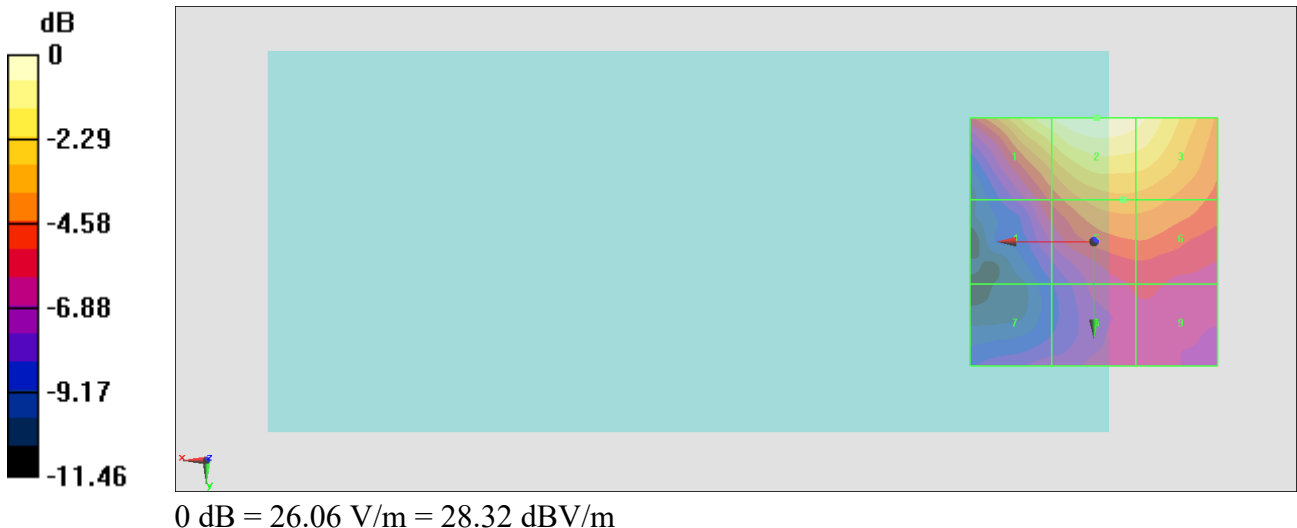
Grid 1 M4 27.62 dBV/m	Grid 2 M4 28.32 dBV/m	Grid 3 M4 27.87 dBV/m
Grid 4 M4 23.21 dBV/m	Grid 5 M4 25.05 dBV/m	Grid 6 M4 25 dBV/m
Grid 7 M4 21.22 dBV/m	Grid 8 M4 22.43 dBV/m	Grid 9 M4 22.51 dBV/m

Cursor:

Total = 28.32 dBV/m

E Category: M4

Location: -0.5, -25, 8.7 mm



#13_HAC_E_LTE Band 48_20M_QPSK_1_0_Ch55340;Ant 0

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3560 MHz; Duty Cycle: 1:8.8736

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

Ambient Temperature : 23.6 °C

DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 3560 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2020/7/21
- 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 = 5.364 V/m; Power Drift = -0.16 dB

Applied MIF = -1.44 dB

RF audio interference level = 13.98 dBV/m

Emission category: M4

MIF scaled E-field

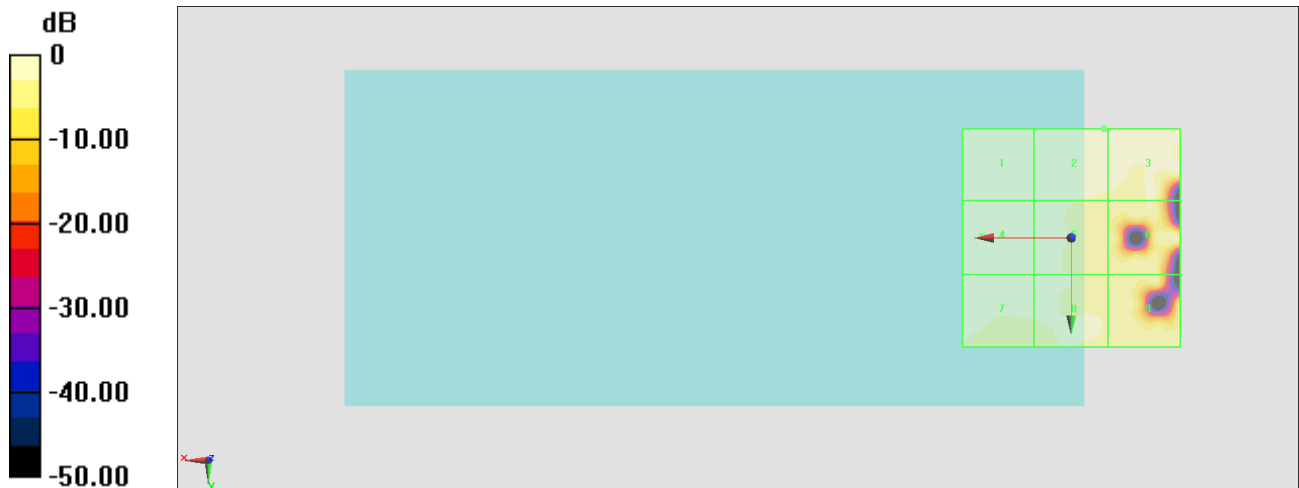
Grid 1 M4 13.96 dBV/m	Grid 2 M4 13.98 dBV/m	Grid 3 M4 13.96 dBV/m
Grid 4 M4 13.51 dBV/m	Grid 5 M4 12.21 dBV/m	Grid 6 M4 11.28 dBV/m
Grid 7 M4 12.56 dBV/m	Grid 8 M4 11.9 dBV/m	Grid 9 M4 11.6 dBV/m

Cursor:

Total = 13.98 dBV/m

E Category: M4

Location: -7.5, -25, 8.7 mm



0 dB = 4.999 V/m = 13.98 dBV/m

#14_HAC_E_LTE Band 48_20M_QPSK_1_0_Ch55830;Ant 0

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3609 MHz; Duty Cycle: 1:8.8736

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

Ambient Temperature : 23.6 °C

DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 3609 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2020/7/21
- 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 = 5.895 V/m; Power Drift = 0.03 dB

Applied MIF = -1.44 dB

RF audio interference level = 14.84 dBV/m

Emission category: M4

MIF scaled E-field

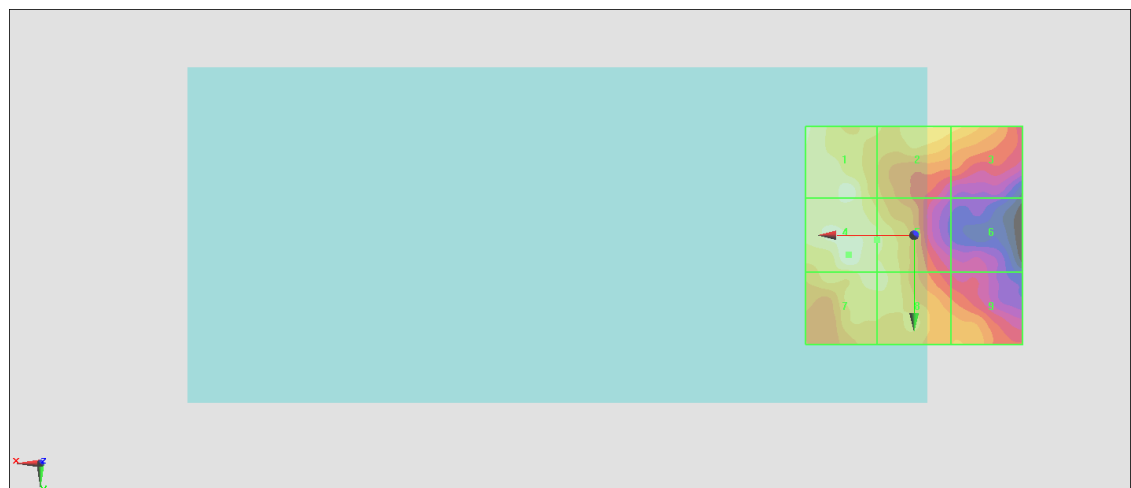
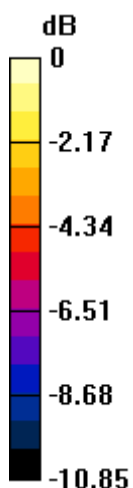
Grid 1 M4 14.71 dBV/m	Grid 2 M4 13.45 dBV/m	Grid 3 M4 13.08 dBV/m
Grid 4 M4 14.84 dBV/m	Grid 5 M4 13.65 dBV/m	Grid 6 M4 9.06 dBV/m
Grid 7 M4 13.7 dBV/m	Grid 8 M4 13.61 dBV/m	Grid 9 M4 12.01 dBV/m

Cursor:

Total = 14.84 dBV/m

E Category: M4

Location: 15, 4.5, 8.7 mm



0 dB = 5.523 V/m = 14.84 dBV/m

#15_HAC_E_LTE Band 48_20M_QPSK_1_0_Ch56150;Ant 0

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3641 MHz;Duty Cycle: 1:8.8736

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

Ambient Temperature : 23.6 °C

DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 3641 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2020/7/21
- 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 = 5.745 V/m; Power Drift = -0.18 dB

Applied MIF = -1.44 dB

RF audio interference level = 14.49 dBV/m

Emission category: M4

MIF scaled E-field

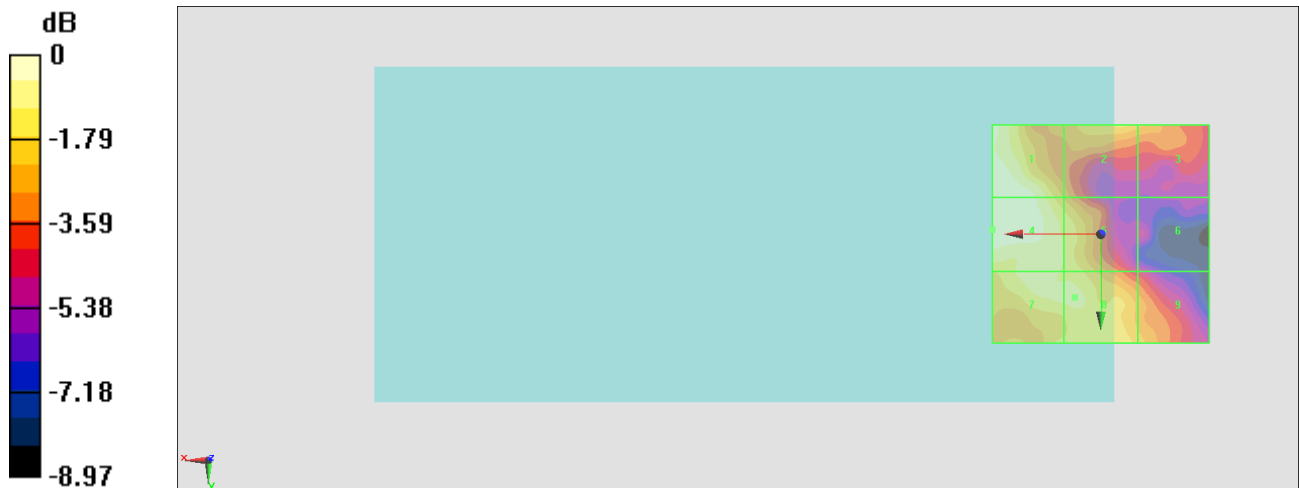
Grid 1 M4 14.3 dBV/m	Grid 2 M4 12.89 dBV/m	Grid 3 M4 12.33 dBV/m
Grid 4 M4 14.49 dBV/m	Grid 5 M4 13.26 dBV/m	Grid 6 M4 9.61 dBV/m
Grid 7 M4 13.7 dBV/m	Grid 8 M4 13.5 dBV/m	Grid 9 M4 12.45 dBV/m

Cursor:

Total = 14.49 dBV/m

E Category: M4

Location: 25, -1, 8.7 mm



0 dB = 5.301 V/m = 14.49 dBV/m

#16_HAC_E_LTE Band 48_20M_QPSK_1_0_Ch56640;Ant 0

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3690 MHz; Duty Cycle: 1:8.8736

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

Ambient Temperature : 23.6 °C

DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 3690 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2020/7/21
- 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 = 5.618 V/m; Power Drift = -0.16 dB

Applied MIF = -1.44 dB

RF audio interference level = 14.69 dBV/m

Emission category: M4

MIF scaled E-field

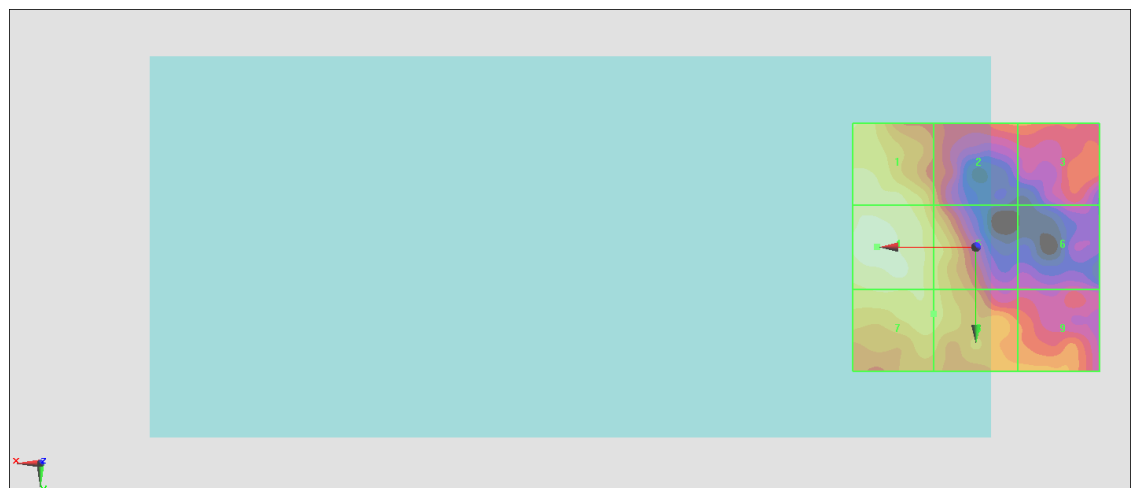
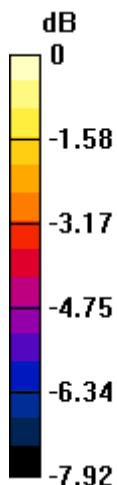
Grid 1 M4 14.19 dBV/m	Grid 2 M4 12.21 dBV/m	Grid 3 M4 11.68 dBV/m
Grid 4 M4 14.69 dBV/m	Grid 5 M4 13.35 dBV/m	Grid 6 M4 10.32 dBV/m
Grid 7 M4 13.73 dBV/m	Grid 8 M4 13.43 dBV/m	Grid 9 M4 12.34 dBV/m

Cursor:

Total = 14.69 dBV/m

E Category: M4

Location: 20, 0, 8.7 mm



0 dB = 5.429 V/m = 14.69 dBV/m

#17_HAC_E_WLAN2.4GHz_802.11g 6Mbps_Ch1;Ant 8

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 - SN4047; ConvF(1, 1, 1) @ 2412 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2020/7/21
- 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 = 49.39 V/m; Power Drift = -0.01 dB

Applied MIF = 0.12 dB

RF audio interference level = 32.29 dBV/m

Emission category: M3

MIF scaled E-field

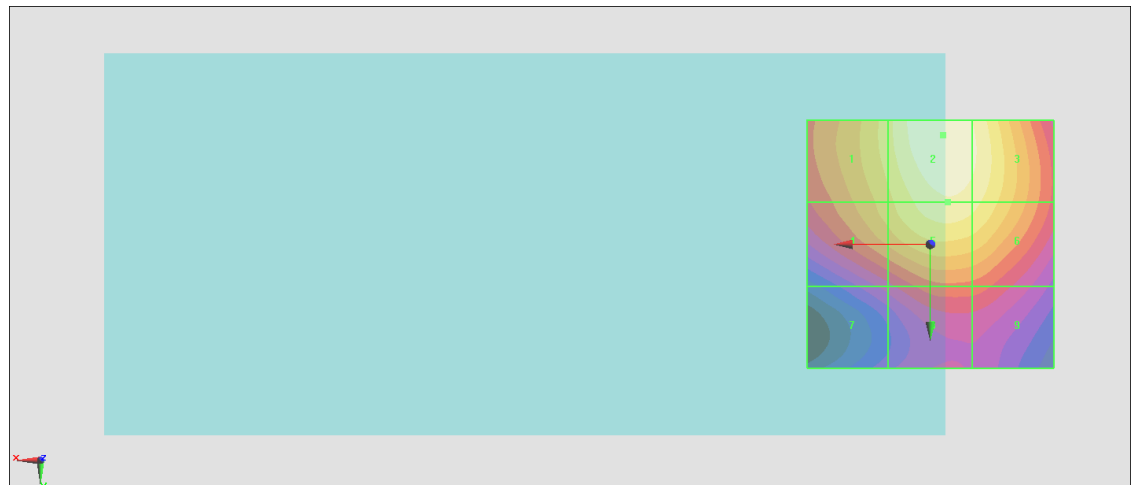
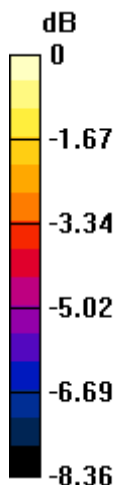
Grid 1 M3 31 dBV/m	Grid 2 M3 32.29 dBV/m	Grid 3 M3 31.86 dBV/m
Grid 4 M3 30.45 dBV/m	Grid 5 M3 31.64 dBV/m	Grid 6 M3 31.38 dBV/m
Grid 7 M4 27.62 dBV/m	Grid 8 M4 28.82 dBV/m	Grid 9 M4 28.74 dBV/m

Cursor:

Total = 32.29 dBV/m

E Category: M3

Location: -2.5, -22, 8.7 mm



0 dB = 41.18 V/m = 32.29 dBV/m

#18_HAC_E_WLAN2.4GHz_802.11g 6Mbps_Ch6;Ant 8

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 - SN4047; ConvF(1, 1, 1) @ 2437 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2020/7/21
- 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 = 45.29 V/m; Power Drift = -0.01 dB

Applied MIF = 0.12 dB

RF audio interference level = 31.39 dBV/m

Emission category: M3

MIF scaled E-field

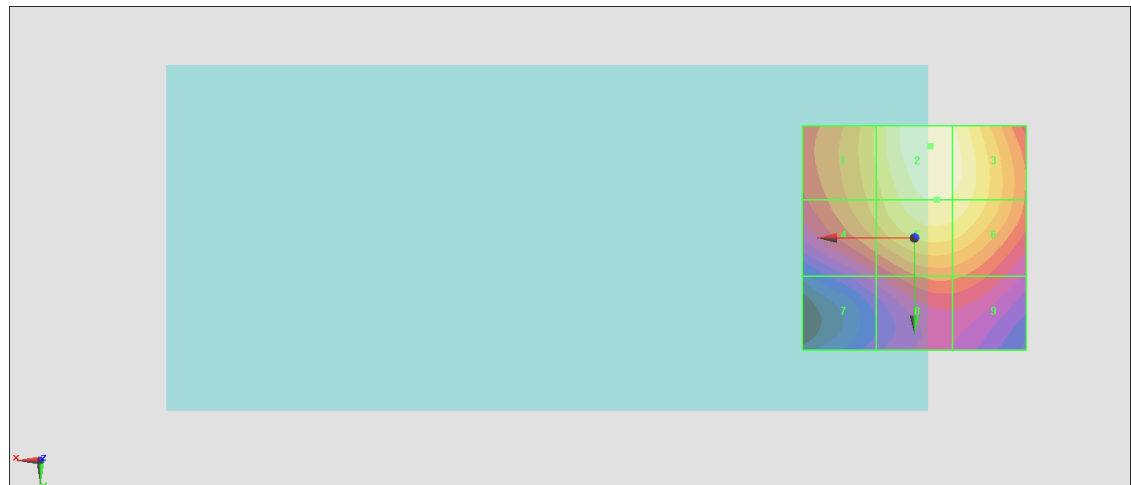
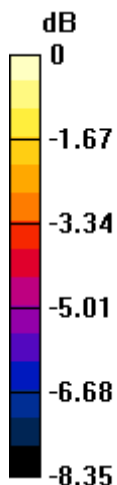
Grid 1 M4 29.85 dBV/m	Grid 2 M3 31.39 dBV/m	Grid 3 M3 31.1 dBV/m
Grid 4 M4 29.48 dBV/m	Grid 5 M3 30.9 dBV/m	Grid 6 M3 30.75 dBV/m
Grid 7 M4 26.83 dBV/m	Grid 8 M4 28.27 dBV/m	Grid 9 M4 28.2 dBV/m

Cursor:

Total = 31.39 dBV/m

E Category: M3

Location: -3.5, -20.5, 8.7 mm



0 dB = 37.11 V/m = 31.39 dBV/m

#19_HAC_E_WLAN2.4GHz_802.11g 6Mbps_Ch11;Ant 8

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 - SN4047; ConvF(1, 1, 1) @ 2462 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2020/7/21
- 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 = 46.26 V/m; Power Drift = -0.00 dB

Applied MIF = 0.12 dB

RF audio interference level = 31.24 dBV/m

Emission category: M3

MIF scaled E-field

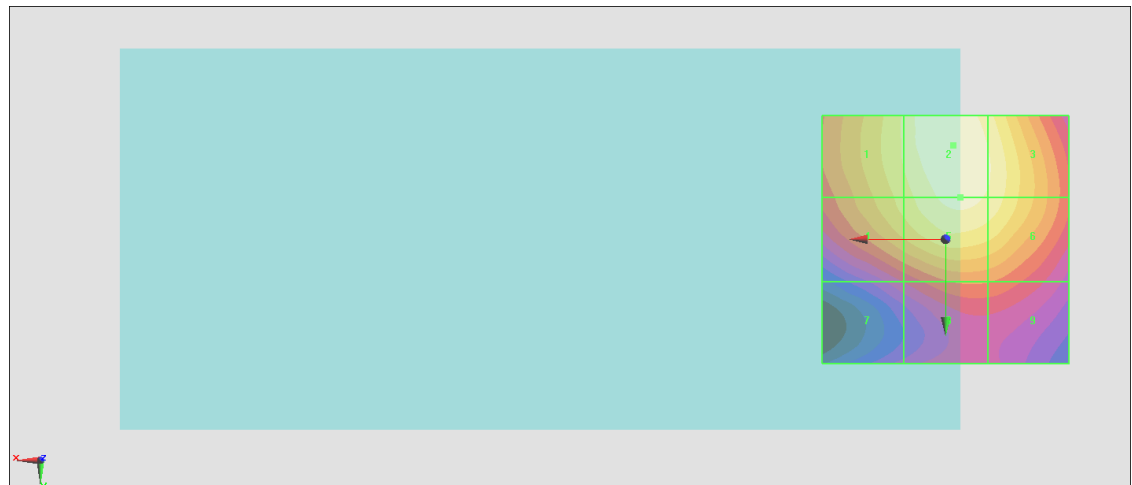
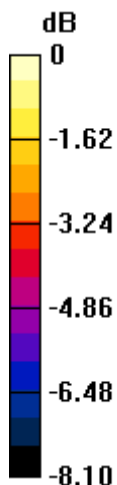
Grid 1 M3 30.27 dBV/m	Grid 2 M3 31.24 dBV/m	Grid 3 M3 30.78 dBV/m
Grid 4 M4 29.88 dBV/m	Grid 5 M3 30.9 dBV/m	Grid 6 M3 30.61 dBV/m
Grid 7 M4 26.97 dBV/m	Grid 8 M4 28.12 dBV/m	Grid 9 M4 28.05 dBV/m

Cursor:

Total = 31.24 dBV/m

E Category: M3

Location: -1.5, -19, 8.7 mm



0 dB = 36.45 V/m = 31.23 dBV/m

#20_HAC_E_WLAN2.4GHz_802.11g 6Mbps_Ch1;Ant 10

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 - SN4047; ConvF(1, 1, 1) @ 2412 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2020/7/21
- 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 = 11.66 V/m; Power Drift = -0.01 dB

Applied MIF = 0.12 dB

RF audio interference level = 21.37 dBV/m

Emission category: M4

MIF scaled E-field

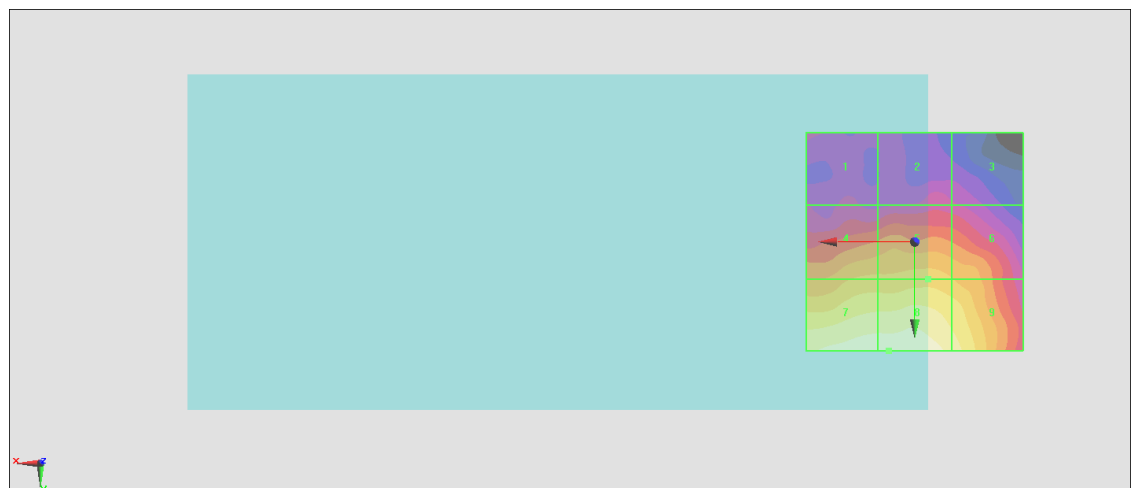
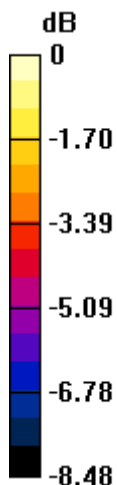
Grid 1 M4 16.57 dBV/m	Grid 2 M4 16.79 dBV/m	Grid 3 M4 16.48 dBV/m
Grid 4 M4 19.27 dBV/m	Grid 5 M4 19.43 dBV/m	Grid 6 M4 19.15 dBV/m
Grid 7 M4 21.37 dBV/m	Grid 8 M4 21.37 dBV/m	Grid 9 M4 20.62 dBV/m

Cursor:

Total = 21.37 dBV/m

E Category: M4

Location: 6, 25, 8.7 mm



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

#21_HAC_E_WLAN2.4GHz_802.11g 6Mbps_Ch6;Ant 10

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 - SN4047; ConvF(1, 1, 1) @ 2437 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2020/7/21
- 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 = 10.94 V/m; Power Drift = -0.05 dB

Applied MIF = 0.12 dB

RF audio interference level = 19.85 dBV/m

Emission category: M4

MIF scaled E-field

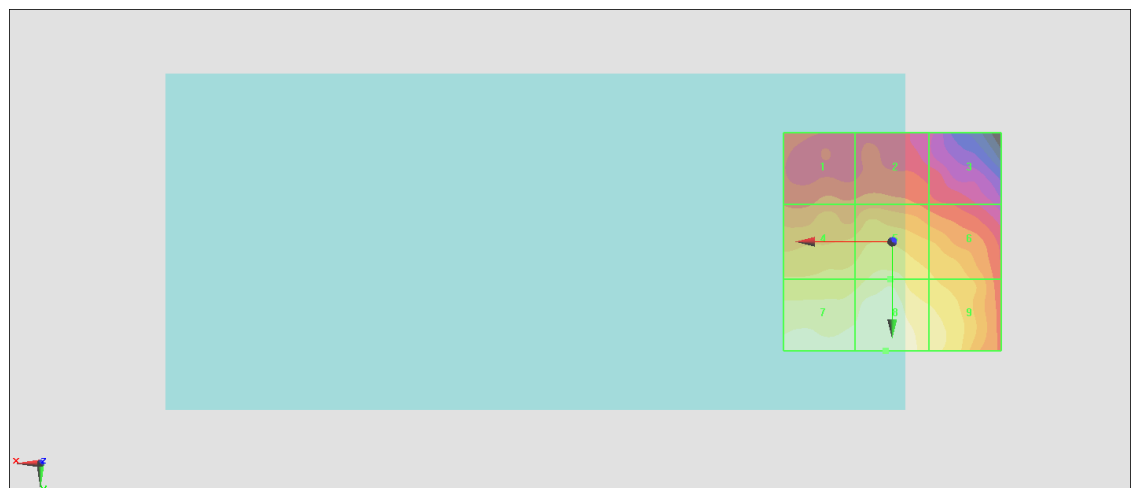
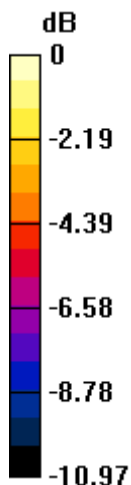
Grid 1 M4 15.84 dBV/m	Grid 2 M4 16.01 dBV/m	Grid 3 M4 15.17 dBV/m
Grid 4 M4 18.09 dBV/m	Grid 5 M4 18.83 dBV/m	Grid 6 M4 17.77 dBV/m
Grid 7 M4 19.74 dBV/m	Grid 8 M4 19.85 dBV/m	Grid 9 M4 18.83 dBV/m

Cursor:

Total = 19.85 dBV/m

E Category: M4

Location: 1.5, 25, 8.7 mm



0 dB = 9.832 V/m = 19.85 dBV/m

#22_HAC_E_WLAN2.4GHz_802.11g 6Mbps_Ch11;Ant 10

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 - SN4047; ConvF(1, 1, 1) @ 2462 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2020/7/21
- 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 = 12.23 V/m; Power Drift = 0.09 dB

Applied MIF = 0.12 dB

RF audio interference level = 21.65 dBV/m

Emission category: M4

MIF scaled E-field

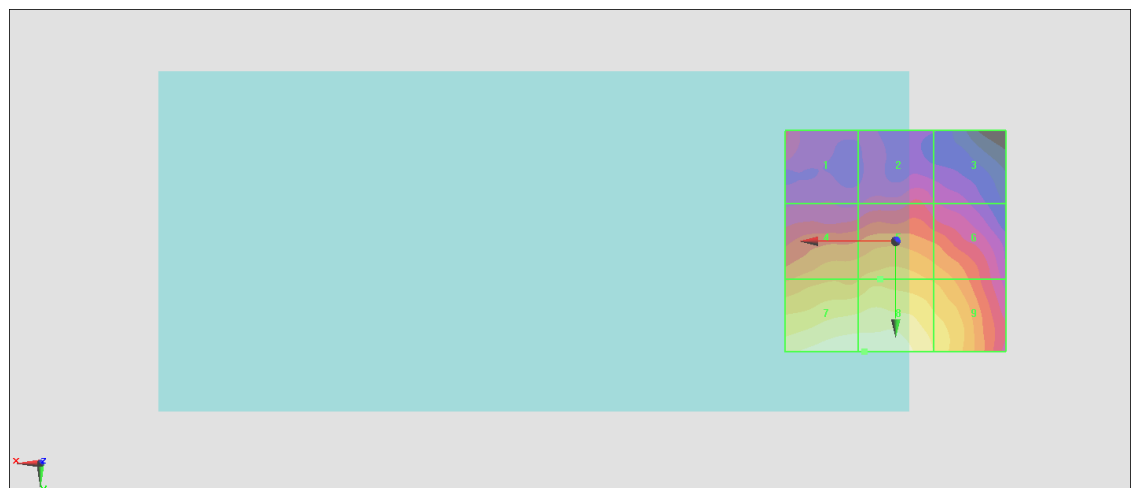
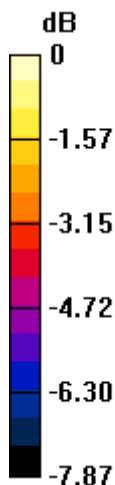
Grid 1 M4 17.65 dBV/m	Grid 2 M4 17.57 dBV/m	Grid 3 M4 17.09 dBV/m
Grid 4 M4 19.53 dBV/m	Grid 5 M4 19.86 dBV/m	Grid 6 M4 19.48 dBV/m
Grid 7 M4 21.65 dBV/m	Grid 8 M4 21.65 dBV/m	Grid 9 M4 20.59 dBV/m

Cursor:

Total = 21.65 dBV/m

E Category: M4

Location: 7, 25, 8.7 mm



0 dB = 12.09 V/m = 21.65 dBV/m