

#01_HAC_E_GSM850_Voice_Ch128;Ant 0

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 : 23.3 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 824.2 MHz; Calibrated: 2023/1/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

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 = 65.02 V/m; Power Drift = 0.02 dB

Applied MIF = 3.63 dB

RF audio interference level = 37.34 dBV/m

Emission category: M4

MIF scaled E-field

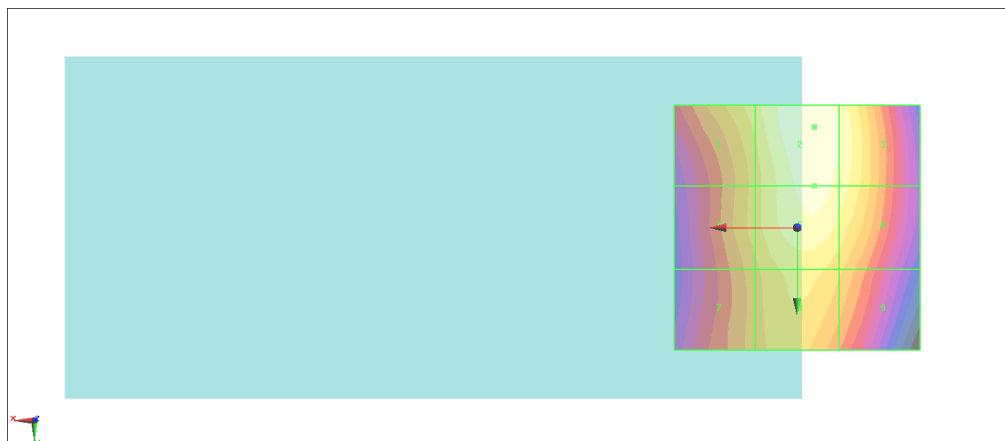
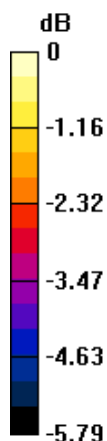
Grid 1 M4 36.46 dBV/m	Grid 2 M4 37.34 dBV/m	Grid 3 M4 36.98 dBV/m
Grid 4 M4 36.04 dBV/m	Grid 5 M4 37.11 dBV/m	Grid 6 M4 36.82 dBV/m
Grid 7 M4 35.7 dBV/m	Grid 8 M4 36.35 dBV/m	Grid 9 M4 35.92 dBV/m

Cursor:

Total = 37.34 dBV/m

E Category: M4

Location: -3.5, -20.5, 8.7 mm



0 dB = 73.62 V/m = 37.34 dBV/m

#02_HAC_E_GSM850_Voice_Ch189;Ant 0

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 : 23.3 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 824.2 MHz; Calibrated: 2023/1/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

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 = 65.02 V/m; Power Drift = -0.10 dB

Applied MIF = 3.63 dB

RF audio interference level = 37.41 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 36.57 dBV/m	Grid 2 M4 37.41 dBV/m	Grid 3 M4 37.08 dBV/m
Grid 4 M4 36.07 dBV/m	Grid 5 M4 37.16 dBV/m	Grid 6 M4 36.92 dBV/m
Grid 7 M4 35.7 dBV/m	Grid 8 M4 36.36 dBV/m	Grid 9 M4 35.96 dBV/m

Cursor:

Total = 37.41 dBV/m

E Category: M4

Location: -2.5, -23, 8.7 mm



#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 : 23.3 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 848.8 MHz; Calibrated: 2023/1/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

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 = 65.47 V/m; Power Drift = -0.02 dB

Applied MIF = 3.63 dB

RF audio interference level = 37.62 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 36.63 dBV/m	Grid 2 M4 37.62 dBV/m	Grid 3 M4 37.32 dBV/m
Grid 4 M4 36 dBV/m	Grid 5 M4 37.31 dBV/m	Grid 6 M4 37.09 dBV/m
Grid 7 M4 35.6 dBV/m	Grid 8 M4 36.34 dBV/m	Grid 9 M4 35.98 dBV/m

Cursor:

Total = 37.62 dBV/m

E Category: M4

Location: -3.5, -21.5, 8.7 mm



#04_HAC_E_GSM850_Voice_Ch128;Ant 1

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

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

Ambient Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 824.2 MHz; Calibrated: 2023/1/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

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 = 115.0 V/m; Power Drift = -0.06 dB

Applied MIF = 3.63 dB

RF audio interference level = 39.80 dBV/m

Emission category: M4

MIF scaled E-field

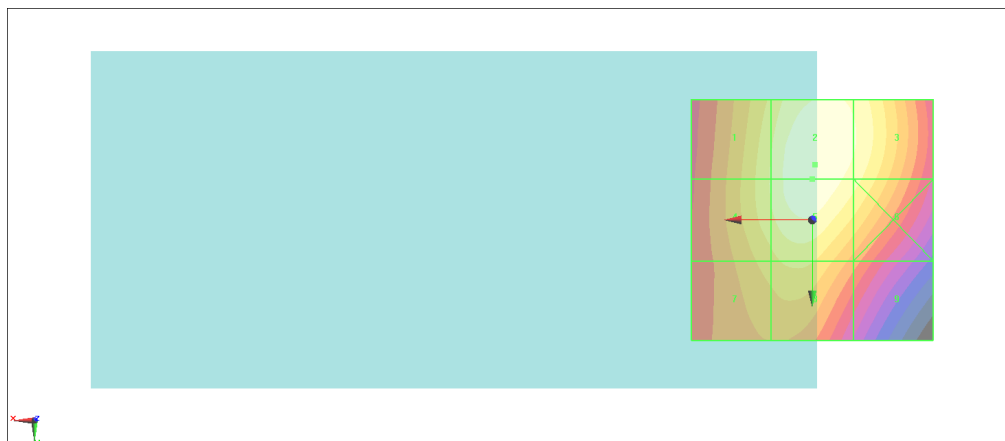
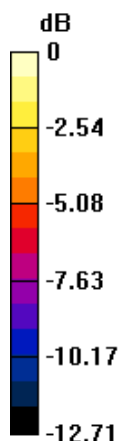
Grid 1 M4 38.21 dBV/m	Grid 2 M4 39.8 dBV/m	Grid 3 M4 39.06 dBV/m
Grid 4 M4 38.22 dBV/m	Grid 5 M4 39.7 dBV/m	Grid 6 M4 38.52 dBV/m
Grid 7 M4 36.95 dBV/m	Grid 8 M4 37.51 dBV/m	Grid 9 M4 35.2 dBV/m

Cursor:

Total = 39.80 dBV/m

E Category: M4

Location: -0.5, -11.5, 8.7 mm



0 dB = 97.71 V/m = 39.80 dBV/m

#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 : 23.3 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 836.4 MHz; Calibrated: 2023/1/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

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 = 112.1 V/m; Power Drift = 0.11 dB

Applied MIF = 3.63 dB

RF audio interference level = 39.76 dBV/m

Emission category: M4

MIF scaled E-field

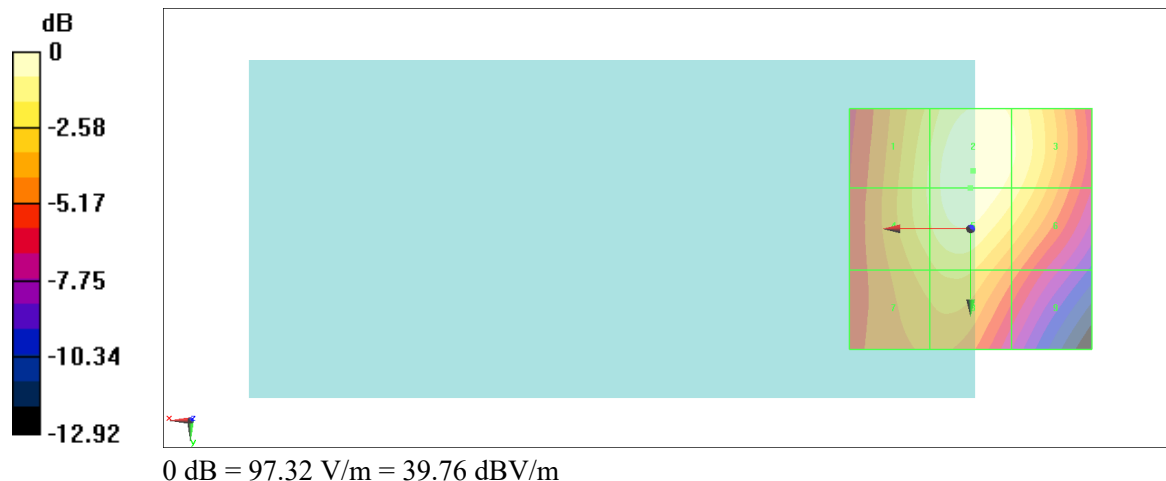
Grid 1 M4 38.22 dBV/m	Grid 2 M4 39.76 dBV/m	Grid 3 M4 39.06 dBV/m
Grid 4 M4 38.23 dBV/m	Grid 5 M4 39.66 dBV/m	Grid 6 M4 38.52 dBV/m
Grid 7 M4 36.92 dBV/m	Grid 8 M4 37.48 dBV/m	Grid 9 M4 35.17 dBV/m

Cursor:

Total = 39.76 dBV/m

E Category: M4

Location: -0.5, -12, 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 : 23.3 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 848.8 MHz; Calibrated: 2023/1/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

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 = 110.0 V/m; Power Drift = 0.06 dB

Applied MIF = 3.63 dB

RF audio interference level = 39.57 dBV/m

Emission category: M4

MIF scaled E-field

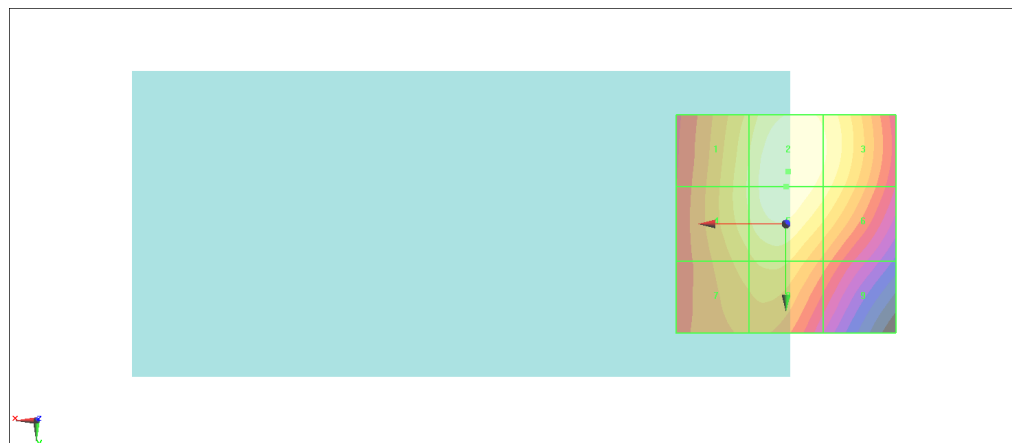
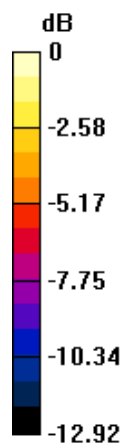
Grid 1 M4 38.03 dBV/m	Grid 2 M4 39.57 dBV/m	Grid 3 M4 38.85 dBV/m
Grid 4 M4 38.04 dBV/m	Grid 5 M4 39.47 dBV/m	Grid 6 M4 38.28 dBV/m
Grid 7 M4 36.75 dBV/m	Grid 8 M4 37.29 dBV/m	Grid 9 M4 34.97 dBV/m

Cursor:

Total = 39.57 dBV/m

E Category: M4

Location: -0.5, -12, 8.7 mm



0 dB = 95.21 V/m = 39.57 dBV/m

#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 : 23.3 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 1850.2 MHz; Calibrated: 2023/1/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 21.31 V/m; Power Drift = 0.04 dB

Applied MIF = 3.63 dB

RF audio interference level = 30.72 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 28.31 dBV/m	Grid 2 M3 30.57 dBV/m	Grid 3 M3 30.49 dBV/m
Grid 4 M4 26.77 dBV/m	Grid 5 M4 29.65 dBV/m	Grid 6 M4 29.65 dBV/m
Grid 7 M3 30.67 dBV/m	Grid 8 M3 30.72 dBV/m	Grid 9 M4 29.58 dBV/m

Cursor:

Total = 30.72 dBV/m

E Category: M3

Location: 6, 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 : 23.3 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 2023/1/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 21.28 V/m; Power Drift = 0.01 dB

Applied MIF = 3.63 dB

RF audio interference level = 30.76 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 28.43 dBV/m	Grid 2 M3 30.61 dBV/m	Grid 3 M3 30.49 dBV/m
Grid 4 M4 26.86 dBV/m	Grid 5 M4 29.67 dBV/m	Grid 6 M4 29.67 dBV/m
Grid 7 M3 30.76 dBV/m	Grid 8 M3 30.71 dBV/m	Grid 9 M4 29.54 dBV/m

Cursor:

Total = 30.76 dBV/m

E Category: M3

Location: 21, 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 : 23.3 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 1909.8 MHz; Calibrated: 2023/1/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 21.61 V/m; Power Drift = 0.01 dB

Applied MIF = 3.63 dB

RF audio interference level = 30.72 dBV/m

Emission category: M3

MIF scaled E-field

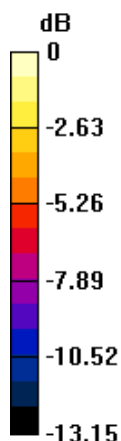
Grid 1 M4 28.47 dBV/m	Grid 2 M3 30.63 dBV/m	Grid 3 M3 30.46 dBV/m
Grid 4 M4 26.85 dBV/m	Grid 5 M4 29.67 dBV/m	Grid 6 M4 29.67 dBV/m
Grid 7 M3 30.72 dBV/m	Grid 8 M3 30.69 dBV/m	Grid 9 M4 29.47 dBV/m

Cursor:

Total = 30.72 dBV/m

E Category: M3

Location: 21, 25, 8.7 mm



0 dB = 34.35 V/m = 30.72 dBV/m

#10_HAC_E_GSM1900_Voice_Ch512;Ant 0

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 : 23.3 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 1850.2 MHz; Calibrated: 2023/1/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

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 = 5.868 V/m; Power Drift = 0.13 dB

Applied MIF = 3.63 dB

RF audio interference level = 23.92 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.23 dBV/m	Grid 2 M4 23.92 dBV/m	Grid 3 M4 23.24 dBV/m
Grid 4 M4 18.63 dBV/m	Grid 5 M4 20.52 dBV/m	Grid 6 M4 20.46 dBV/m
Grid 7 M4 20.66 dBV/m	Grid 8 M4 20.92 dBV/m	Grid 9 M4 19.54 dBV/m

Cursor:

Total = 23.92 dBV/m

E Category: M4

Location: 0, -25, 8.7 mm



#11_HAC_E_GSM1900_Voice_Ch661;Ant 0

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 : 23.3 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 2023/1/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

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 = 5.770 V/m; Power Drift = 0.16 dB

Applied MIF = 3.63 dB

RF audio interference level = 24.03 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.49 dBV/m	Grid 2 M4 24.03 dBV/m	Grid 3 M4 23.47 dBV/m
Grid 4 M4 18.92 dBV/m	Grid 5 M4 20.99 dBV/m	Grid 6 M4 20.58 dBV/m
Grid 7 M4 20.91 dBV/m	Grid 8 M4 20.92 dBV/m	Grid 9 M4 19.67 dBV/m

Cursor:

Total = 24.03 dBV/m

E Category: M4

Location: 0.5, -25, 8.7 mm



#12_HAC_E_GSM1900_Voice_Ch810;Ant 0

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 : 23.3 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 2023/1/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

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 = 5.976 V/m; Power Drift = 0.17 dB

Applied MIF = 3.63 dB

RF audio interference level = 24.24 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.49 dBV/m	Grid 2 M4 24.24 dBV/m	Grid 3 M4 23.7 dBV/m
Grid 4 M4 18.99 dBV/m	Grid 5 M4 21.22 dBV/m	Grid 6 M4 20.89 dBV/m
Grid 7 M4 21.12 dBV/m	Grid 8 M4 21.03 dBV/m	Grid 9 M4 19.64 dBV/m

Cursor:

Total = 24.24 dBV/m

E Category: M4

Location: -0.5, -25, 8.7 mm



#13_HAC_E_LTE Band 41_20M_QPSK_1_0_Ch39750;Ant 2

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 : 23.3 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2506 MHz; Calibrated: 2023/1/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test

(101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 28.74 V/m; Power Drift = 0.01 dB

Applied MIF = -1.44 dB

RF audio interference level = 28.94 dBV/m

Emission category: M4

MIF scaled E-field

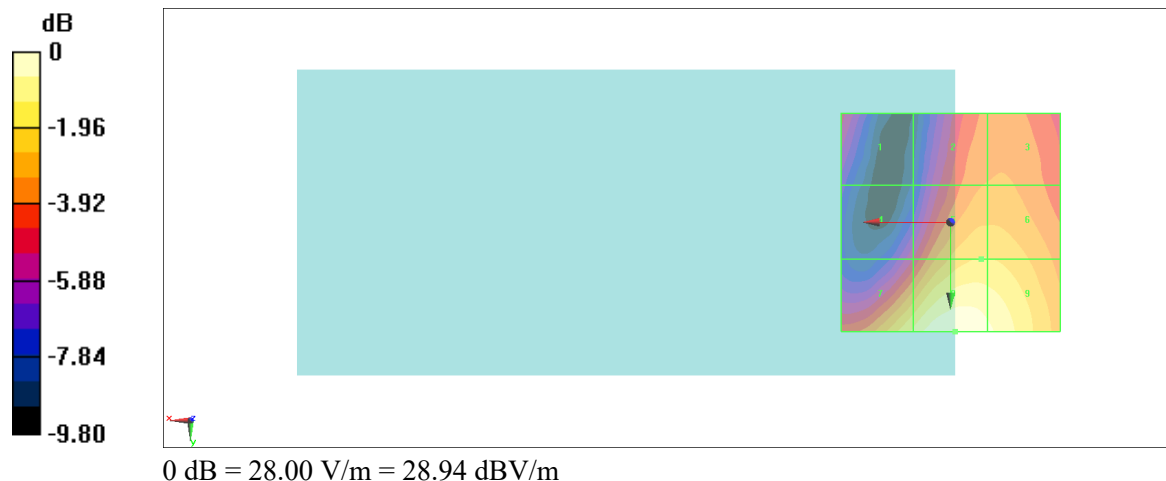
Grid 1 M4 24.11 dBV/m	Grid 2 M4 25.73 dBV/m	Grid 3 M4 25.78 dBV/m
Grid 4 M4 23.81 dBV/m	Grid 5 M4 27.05 dBV/m	Grid 6 M4 27.03 dBV/m
Grid 7 M4 27.82 dBV/m	Grid 8 M4 28.94 dBV/m	Grid 9 M4 28.45 dBV/m

Cursor:

Total = 28.94 dBV/m

E Category: M4

Location: -1, 25, 8.7 mm



#14_HAC_E_LTE Band 41_20M_QPSK_1_0_Ch40620;Ant 2

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2593 MHz;Duty Cycle: 1:8.87156

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

Ambient Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2593 MHz; Calibrated: 2023/1/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 29.85 V/m; Power Drift = 0.00 dB

Applied MIF = -1.44 dB

RF audio interference level = 29.76 dBV/m

Emission category: M4

MIF scaled E-field

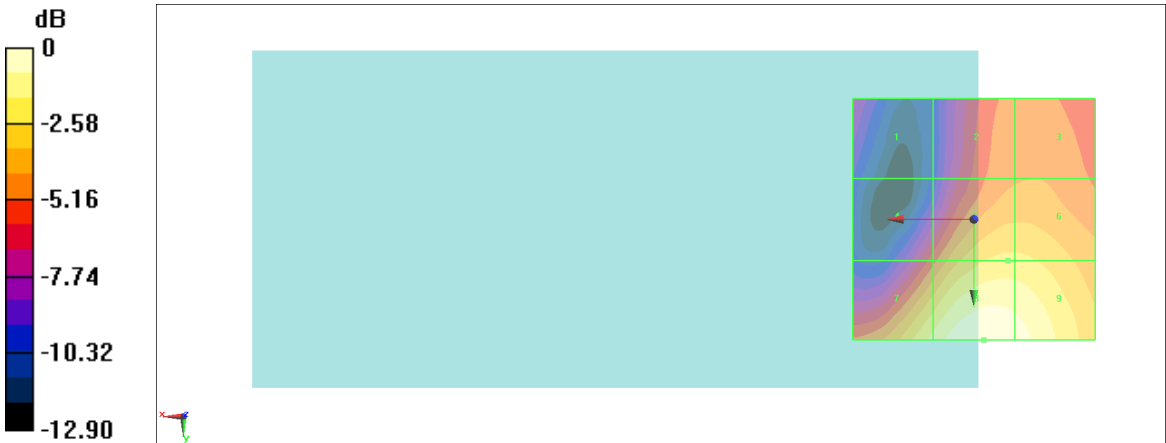
Grid 1 M4 22.4 dBV/m	Grid 2 M4 25.38 dBV/m	Grid 3 M4 25.48 dBV/m
Grid 4 M4 24.25 dBV/m	Grid 5 M4 27.45 dBV/m	Grid 6 M4 27.43 dBV/m
Grid 7 M4 28.35 dBV/m	Grid 8 M4 29.76 dBV/m	Grid 9 M4 29.36 dBV/m

Cursor:

Total = 29.76 dBV/m

E Category: M4

Location: -2, 25, 8.7 mm



0 dB = 30.77 V/m = 29.76 dBV/m

#15_HAC_E_LTE Band 41_20M_QPSK_1_0_Ch41490;Ant 2

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2680 MHz;Duty Cycle: 1:8.87156

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

Ambient Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2680 MHz; Calibrated: 2023/1/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

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 = 31.85 V/m; Power Drift = 0.05 dB

Applied MIF = -1.44 dB

RF audio interference level = 28.66 dBV/m

Emission category: M4

MIF scaled E-field

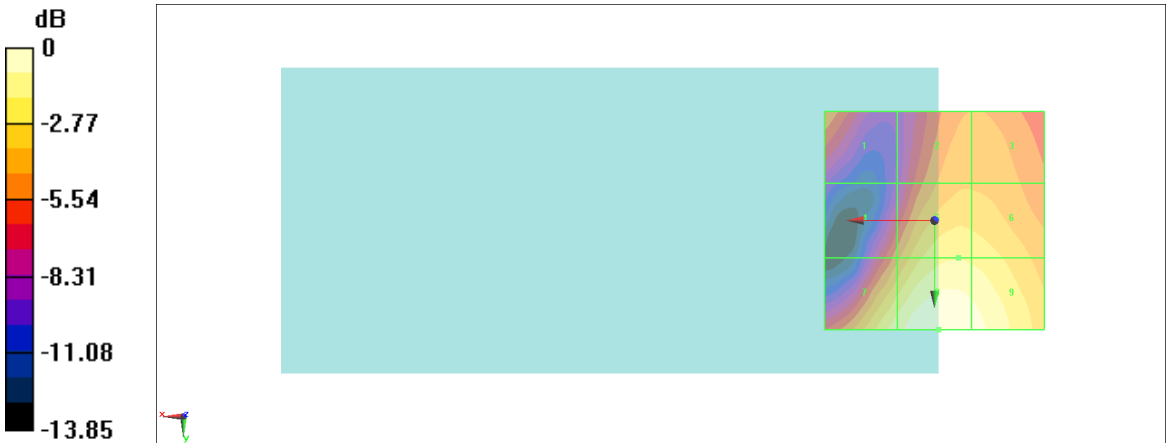
Grid 1 M4 24.06 dBV/m	Grid 2 M4 24.9 dBV/m	Grid 3 M4 24.88 dBV/m
Grid 4 M4 23.79 dBV/m	Grid 5 M4 26.76 dBV/m	Grid 6 M4 26.64 dBV/m
Grid 7 M4 27.43 dBV/m	Grid 8 M4 28.66 dBV/m	Grid 9 M4 28.18 dBV/m

Cursor:

Total = 28.66 dBV/m

E Category: M4

Location: -1, 25, 8.7 mm



0 dB = 27.11 V/m = 28.66 dBV/m

#16_HAC_E_LTE Band 38_20M_QPSK_1_0_Ch38000;Ant 2;HPUE

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2595 MHz;Duty Cycle: 1:8.87156

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

Ambient Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2595 MHz; Calibrated: 2023/1/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test

(101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 19.22 V/m; Power Drift = 0.09 dB

Applied MIF = -1.44 dB

RF audio interference level = 26.43 dBV/m

Emission category: M4

MIF scaled E-field

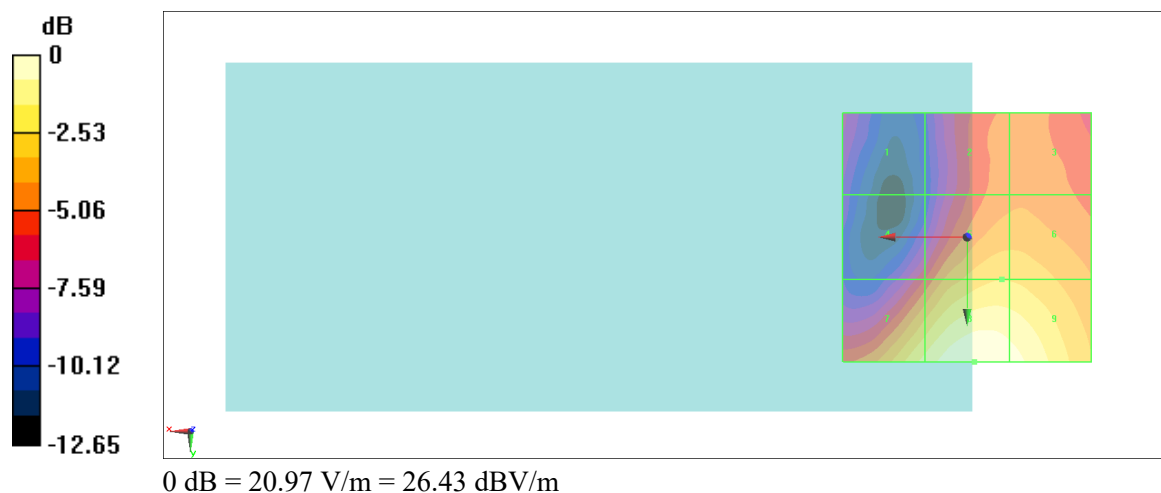
Grid 1 M4 19.26 dBV/m	Grid 2 M4 21.97 dBV/m	Grid 3 M4 22.06 dBV/m
Grid 4 M4 20.59 dBV/m	Grid 5 M4 23.89 dBV/m	Grid 6 M4 23.86 dBV/m
Grid 7 M4 25.08 dBV/m	Grid 8 M4 26.43 dBV/m	Grid 9 M4 26 dBV/m

Cursor:

Total = 26.43 dBV/m

E Category: M4

Location: -1.5, 25, 8.7 mm



#17_HAC_E_LTE Band 41_20M_QPSK_1_0_Ch39750;Ant 0

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2506 MHz;Duty Cycle: 1:8.87156

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

Ambient Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2506 MHz; Calibrated: 2023/1/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

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 = 10.48 V/m; Power Drift = -0.05 dB

Applied MIF = -1.44 dB

RF audio interference level = 19.96 dBV/m

Emission category: M4

MIF scaled E-field

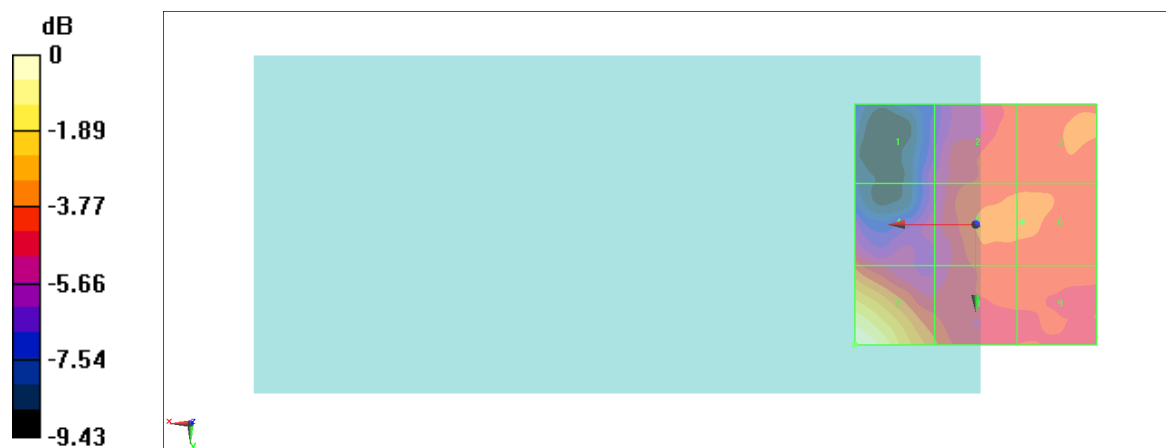
Grid 1 M4 14.26 dBV/m	Grid 2 M4 16.17 dBV/m	Grid 3 M4 16.33 dBV/m
Grid 4 M4 16.03 dBV/m	Grid 5 M4 16.6 dBV/m	Grid 6 M4 16.6 dBV/m
Grid 7 M4 19.96 dBV/m	Grid 8 M4 16.4 dBV/m	Grid 9 M4 16.08 dBV/m

Cursor:

Total = 19.96 dBV/m

E Category: M4

Location: 25, 25, 8.7 mm



0 dB = 9.957 V/m = 19.96 dBV/m

#18_HAC_E_LTE Band 41_20M_QPSK_1_0_Ch40620;Ant 0

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2593 MHz;Duty Cycle: 1:8.87156

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

Ambient Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2593 MHz; Calibrated: 2023/1/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

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 = 14.43 V/m; Power Drift = -0.10 dB

Applied MIF = -1.44 dB

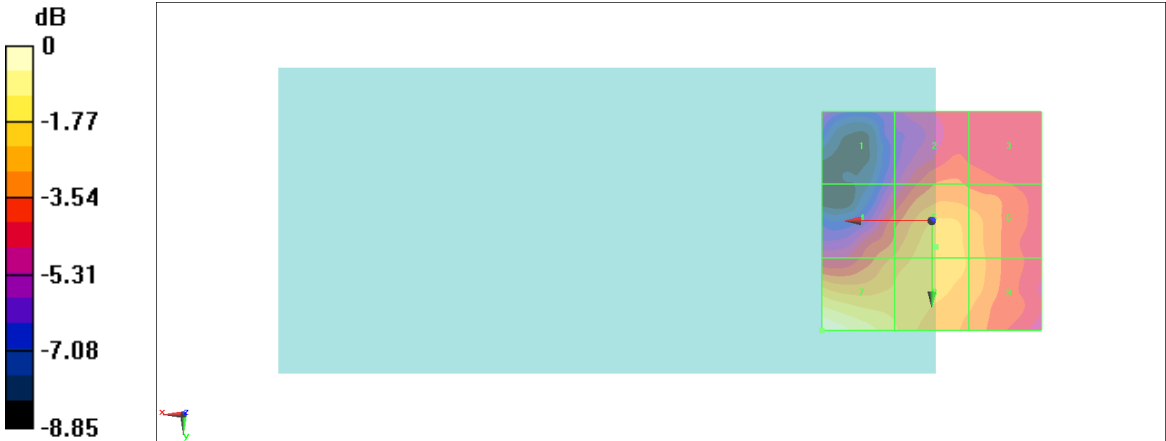
RF audio interference level = 21.03 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 15.79 dBV/m	Grid 2 M4 17.63 dBV/m	Grid 3 M4 17.37 dBV/m
Grid 4 M4 18.2 dBV/m	Grid 5 M4 19.04 dBV/m	Grid 6 M4 18.61 dBV/m
Grid 7 M4 21.03 dBV/m	Grid 8 M4 19.39 dBV/m	Grid 9 M4 18.63 dBV/m

Cursor:
Total = 21.03 dBV/m
E Category: M4
Location: 25, 25, 8.7 mm



0 dB = 11.25 V/m = 21.02 dBV/m

#19_HAC_E_LTE Band 41_20M_QPSK_1_0_Ch41490;Ant 0

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2680 MHz;Duty Cycle: 1:8.87156

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

Ambient Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2680 MHz; Calibrated: 2023/1/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

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 = 11.69 V/m; Power Drift = -0.05 dB

Applied MIF = -1.44 dB

RF audio interference level = 21.44 dBV/m

Emission category: M4

MIF scaled E-field

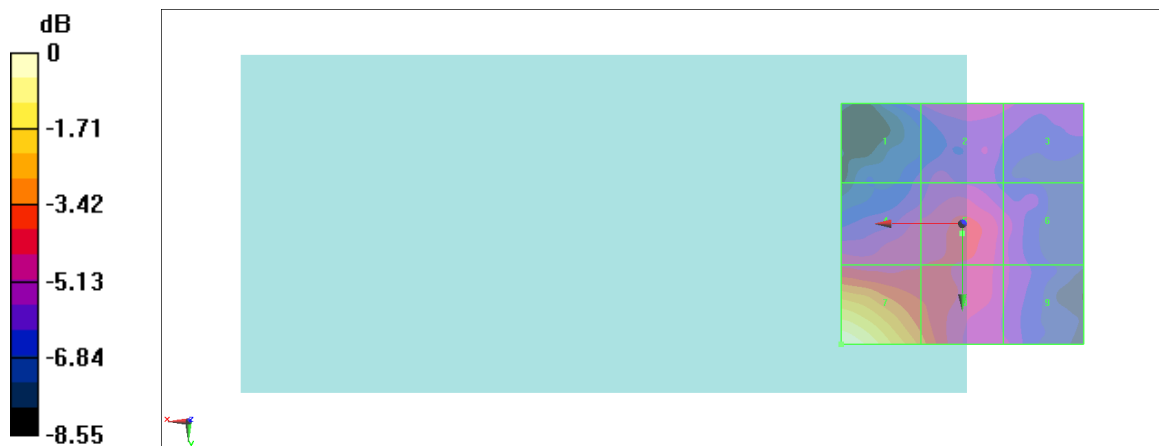
Grid 1 M4 15.84 dBV/m	Grid 2 M4 16.43 dBV/m	Grid 3 M4 16.02 dBV/m
Grid 4 M4 16.87 dBV/m	Grid 5 M4 17.16 dBV/m	Grid 6 M4 16.09 dBV/m
Grid 7 M4 21.44 dBV/m	Grid 8 M4 18.36 dBV/m	Grid 9 M4 15.96 dBV/m

Cursor:

Total = 21.44 dBV/m

E Category: M4

Location: 25, 25, 8.7 mm



0 dB = 11.80 V/m = 21.44 dBV/m

#20_HAC_E_LTE Band 38_20M_QPSK_1_0_Ch38000;Ant 0;HPUE

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2595 MHz;Duty Cycle: 1:8.87156

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

Ambient Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2595 MHz; Calibrated: 2023/1/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

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 = 9.701 V/m; Power Drift = -0.06 dB

Applied MIF = -1.44 dB

RF audio interference level = 17.34 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 12.91 dBV/m	Grid 2 M4 14.2 dBV/m	Grid 3 M4 14.3 dBV/m
Grid 4 M4 13.9 dBV/m	Grid 5 M4 15.52 dBV/m	Grid 6 M4 15.08 dBV/m
Grid 7 M4 17.34 dBV/m	Grid 8 M4 15.63 dBV/m	Grid 9 M4 15.33 dBV/m

Cursor:

Total = 17.34 dBV/m

E Category: M4

Location: 25, 25, 8.7 mm



#21_HAC_E_LTE Band 48_20M_QPSK_1_0_Ch55340;Ant 6

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 : 23.3 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 3560 MHz; Calibrated: 2023/1/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

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 = 12.64 V/m; Power Drift = 0.11 dB

Applied MIF = -1.44 dB

RF audio interference level = 23.59 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.72 dBV/m	Grid 2 M4 23.41 dBV/m	Grid 3 M4 23.49 dBV/m
Grid 4 M4 23.58 dBV/m	Grid 5 M4 21.72 dBV/m	Grid 6 M4 22.23 dBV/m
Grid 7 M4 23.59 dBV/m	Grid 8 M4 21.9 dBV/m	Grid 9 M4 22.3 dBV/m

Cursor:

Total = 23.59 dBV/m

E Category: M4

Location: 25, 12.5, 8.7 mm



#22_HAC_E_LTE Band 48_20M_QPSK_1_0_Ch55830;Ant 6

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 : 23.3 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 3609 MHz; Calibrated: 2023/1/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

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 = 13.95 V/m; Power Drift = 0.00 dB

Applied MIF = -1.44 dB

RF audio interference level = 24.11 dBV/m

Emission category: M4

MIF scaled E-field

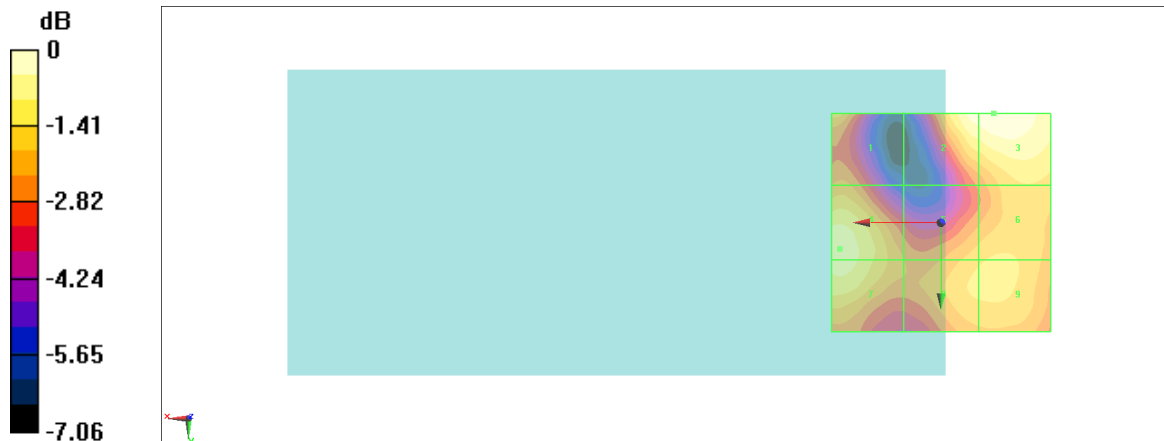
Grid 1 M4 22.55 dBV/m	Grid 2 M4 23.92 dBV/m	Grid 3 M4 24.11 dBV/m
Grid 4 M4 23.4 dBV/m	Grid 5 M4 22.59 dBV/m	Grid 6 M4 22.8 dBV/m
Grid 7 M4 23.37 dBV/m	Grid 8 M4 22.82 dBV/m	Grid 9 M4 22.9 dBV/m

Cursor:

Total = 24.11 dBV/m

E Category: M4

Location: -12, -25, 8.7 mm



0 dB = 16.05 V/m = 24.11 dBV/m

#23_HAC_E_LTE Band 48_20M_QPSK_1_0_Ch56640;Ant 6

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 : 23.3 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 3690 MHz; Calibrated: 2023/1/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

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 = 11.97 V/m; Power Drift = -0.02 dB

Applied MIF = -1.44 dB

RF audio interference level = 24.03 dBV/m

Emission category: M4

MIF scaled E-field

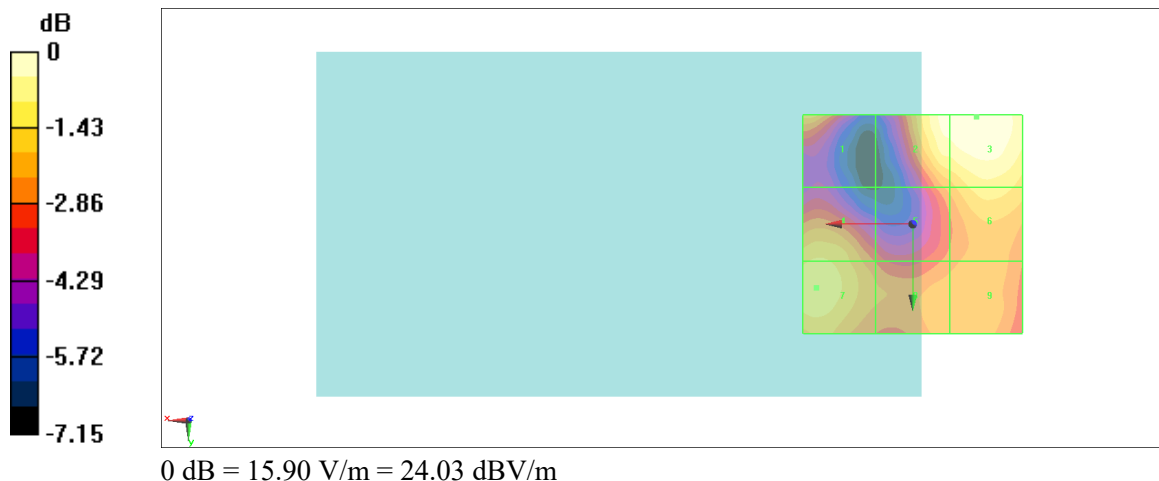
Grid 1 M4 22.46 dBV/m	Grid 2 M4 23.79 dBV/m	Grid 3 M4 24.03 dBV/m
Grid 4 M4 22.67 dBV/m	Grid 5 M4 21.91 dBV/m	Grid 6 M4 22.89 dBV/m
Grid 7 M4 23 dBV/m	Grid 8 M4 22 dBV/m	Grid 9 M4 22.04 dBV/m

Cursor:

Total = 24.03 dBV/m

E Category: M4

Location: -14.5, -24.5, 8.7 mm



#24_HAC_E_LTE Band 48_20M_QPSK_1_0_Ch55340;Ant 7

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 : 23.3 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 3560 MHz; Calibrated: 2023/1/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

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 = 8.767 V/m; Power Drift = -0.07 dB

Applied MIF = -1.44 dB

RF audio interference level = 16.59 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 16.24 dBV/m	Grid 2 M4 16.59 dBV/m	Grid 3 M4 15.45 dBV/m
Grid 4 M4 16.19 dBV/m	Grid 5 M4 16.38 dBV/m	Grid 6 M4 14.13 dBV/m
Grid 7 M4 15.69 dBV/m	Grid 8 M4 15.74 dBV/m	Grid 9 M4 15.52 dBV/m

Cursor:

Total = 16.59 dBV/m

E Category: M4

Location: 3, -15.5, 8.7 mm



#25_HAC_E_LTE Band 48_20M_QPSK_1_0_Ch55830;Ant 7

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 : 23.3 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 3609 MHz; Calibrated: 2023/1/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

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 = 6.463 V/m; Power Drift = -0.06 dB

Applied MIF = -1.44 dB

RF audio interference level = 14.60 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 14.16 dBV/m	Grid 2 M4 14.6 dBV/m	Grid 3 M4 13.08 dBV/m
Grid 4 M4 14.08 dBV/m	Grid 5 M4 14.12 dBV/m	Grid 6 M4 12.41 dBV/m
Grid 7 M4 13.71 dBV/m	Grid 8 M4 13.33 dBV/m	Grid 9 M4 13.45 dBV/m

Cursor:

Total = 14.60 dBV/m

E Category: M4

Location: 4.5, -25, 8.7 mm



#26_HAC_E_LTE Band 48_20M_QPSK_1_0_Ch56640;Ant 7

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 : 23.3 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 3690 MHz; Calibrated: 2023/1/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

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 = 5.587 V/m; Power Drift = 0.15 dB

Applied MIF = -1.44 dB

RF audio interference level = 16.82 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 13.44 dBV/m	Grid 2 M4 14.1 dBV/m	Grid 3 M4 15.1 dBV/m
Grid 4 M4 16.14 dBV/m	Grid 5 M4 13.69 dBV/m	Grid 6 M4 14.71 dBV/m
Grid 7 M4 16.82 dBV/m	Grid 8 M4 15.2 dBV/m	Grid 9 M4 16.23 dBV/m

Cursor:

Total = 16.82 dBV/m

E Category: M4

Location: 23, 17, 8.7 mm

