

#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 : 23.6 °C

DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 824.2 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2020/5/26
- 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 = 31.47 V/m; Power Drift = -0.07 dB

Applied MIF = 3.63 dB

RF audio interference level = 31.46 dBV/m

Emission category: M4

MIF scaled E-field

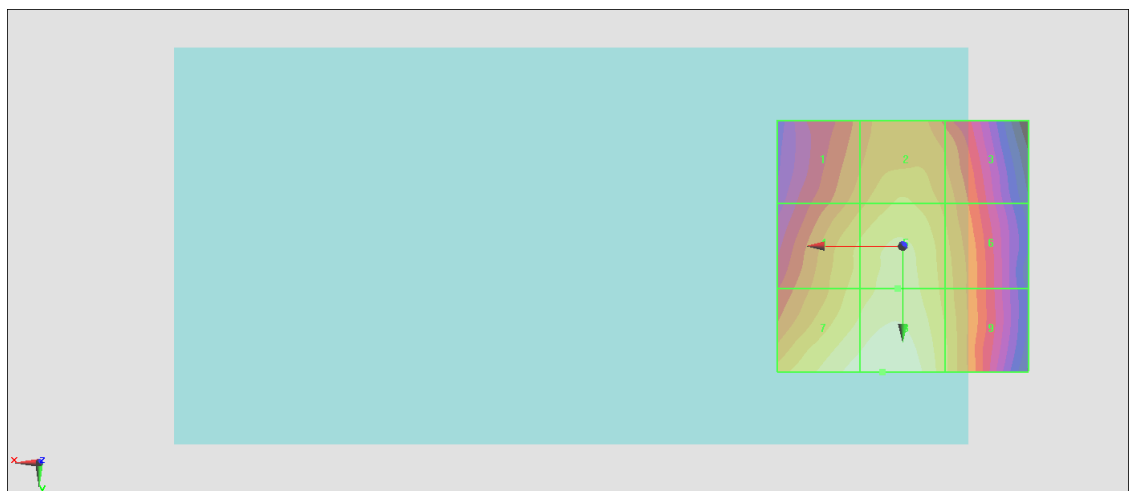
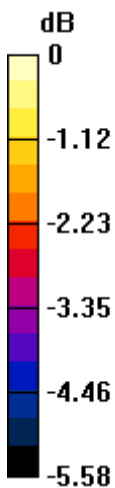
Grid 1 M4 29.87 dBV/m	Grid 2 M4 30.41 dBV/m	Grid 3 M4 29.87 dBV/m
Grid 4 M4 30.56 dBV/m	Grid 5 M4 30.88 dBV/m	Grid 6 M4 30.2 dBV/m
Grid 7 M4 31.31 dBV/m	Grid 8 M4 31.46 dBV/m	Grid 9 M4 30.42 dBV/m

Cursor:

Total = 31.46 dBV/m

E Category: M4

Location: 4, 25, 8.7 mm



0 dB = 37.42 V/m = 31.46 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: $\sigma = 0$ 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: DAE4 Sn854; Calibrated: 2020/5/26

- 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 = 32.49 V/m; Power Drift = 0.04 dB

Applied MIF = 3.63 dB

RF audio interference level = 32.21 dBV/m

Emission category: M4

MIF scaled E-field

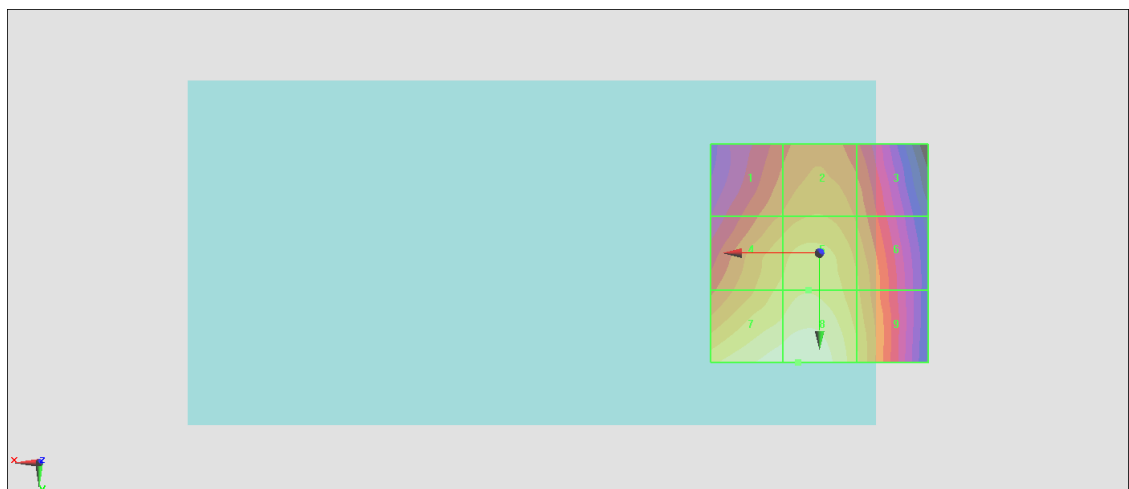
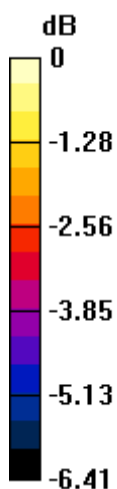
Grid 1 M4 30.15 dBV/m	Grid 2 M4 30.53 dBV/m	Grid 3 M4 30.01 dBV/m
Grid 4 M4 31.07 dBV/m	Grid 5 M4 31.33 dBV/m	Grid 6 M4 30.59 dBV/m
Grid 7 M4 32.09 dBV/m	Grid 8 M4 32.21 dBV/m	Grid 9 M4 31.02 dBV/m

Cursor:

Total = 32.21 dBV/m

E Category: M4

Location: 5, 25, 8.7 mm



0 dB = 40.78 V/m = 32.21 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 : 23.6 °C

DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 848.8 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2020/5/26
- 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 = 33.43 V/m; Power Drift = -0.05 dB

Applied MIF = 3.63 dB

RF audio interference level = 32.15 dBV/m

Emission category: M4

MIF scaled E-field

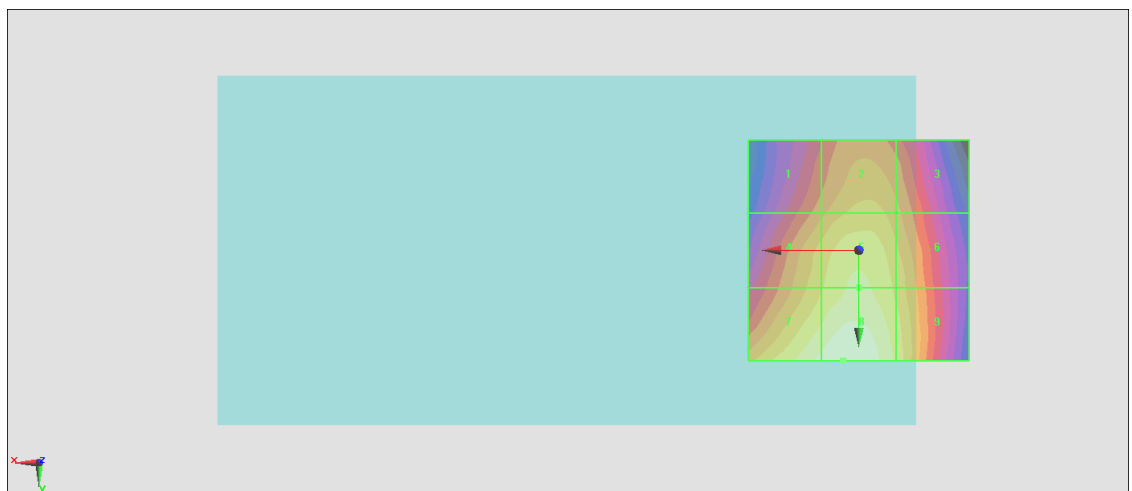
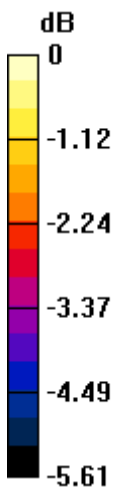
Grid 1 M4 30.17 dBV/m	Grid 2 M4 30.81 dBV/m	Grid 3 M4 30.41 dBV/m
Grid 4 M4 31 dBV/m	Grid 5 M4 31.48 dBV/m	Grid 6 M4 30.94 dBV/m
Grid 7 M4 31.9 dBV/m	Grid 8 M4 32.15 dBV/m	Grid 9 M4 31.31 dBV/m

Cursor:

Total = 32.15 dBV/m

E Category: M4

Location: 3.5, 25, 8.7 mm



0 dB = 40.51 V/m = 32.15 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 : 23.6 °C

DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 1850.2 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2020/5/26
- 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 = 5.495 V/m; Power Drift = 0.11 dB

Applied MIF = 3.63 dB

RF audio interference level = 20.30 dBV/m

Emission category: M4

MIF scaled E-field

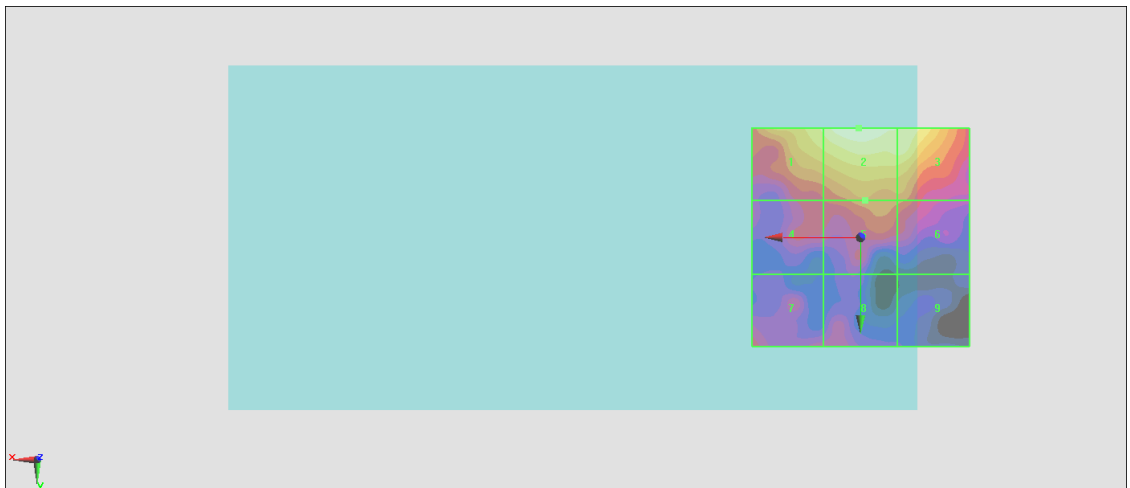
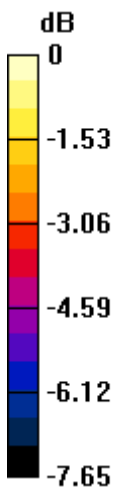
Grid 1 M4 19.43 dBV/m	Grid 2 M4 20.3 dBV/m	Grid 3 M4 19.77 dBV/m
Grid 4 M4 16.73 dBV/m	Grid 5 M4 17.62 dBV/m	Grid 6 M4 17.44 dBV/m
Grid 7 M4 16.85 dBV/m	Grid 8 M4 16.24 dBV/m	Grid 9 M4 14.81 dBV/m

Cursor:

Total = 20.30 dBV/m

E Category: M4

Location: 0.5, -25, 8.7 mm



0 dB = 10.35 V/m = 20.30 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 : 23.6 °C

DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2020/5/26
- 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 = 5.579 V/m; Power Drift = 0.14 dB

Applied MIF = 3.63 dB

RF audio interference level = 19.97 dBV/m

Emission category: M4

MIF scaled E-field

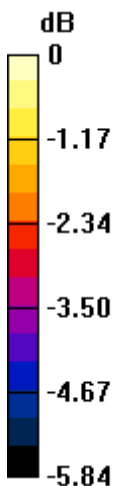
Grid 1 M4 18.93 dBV/m	Grid 2 M4 19.97 dBV/m	Grid 3 M4 19.85 dBV/m
Grid 4 M4 17.08 dBV/m	Grid 5 M4 17.85 dBV/m	Grid 6 M4 17.84 dBV/m
Grid 7 M4 17.11 dBV/m	Grid 8 M4 17.05 dBV/m	Grid 9 M4 16.22 dBV/m

Cursor:

Total = 19.97 dBV/m

E Category: M4

Location: 3.5, -25, 8.7 mm



0 dB = 9.964 V/m = 19.97 dBV/m

#06_HAC_E_GSM1900_Voice_Ch810

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: DAE4 Sn854; Calibrated: 2020/5/26
- 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 = 5.100 V/m; Power Drift = 0.15 dB

Applied MIF = 3.63 dB

RF audio interference level = 19.15 dBV/m

Emission category: M4

MIF scaled E-field

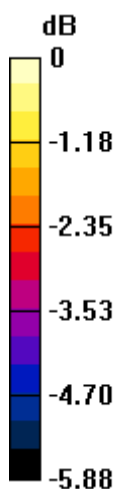
Grid 1 M4 18.19 dBV/m	Grid 2 M4 19.15 dBV/m	Grid 3 M4 19.15 dBV/m
Grid 4 M4 16.62 dBV/m	Grid 5 M4 17.19 dBV/m	Grid 6 M4 16.8 dBV/m
Grid 7 M4 16.69 dBV/m	Grid 8 M4 16.73 dBV/m	Grid 9 M4 15.74 dBV/m

Cursor:

Total = 19.15 dBV/m

E Category: M4

Location: -8.5, -25, 8.7 mm



0 dB = 9.067 V/m = 19.15 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 : 23.6 °C

DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2506 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2020/5/26
- 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 = 8.196 V/m; Power Drift = 0.14 dB

Applied MIF = -1.44 dB

RF audio interference level = 15.58 dBV/m

Emission category: M4

MIF scaled E-field

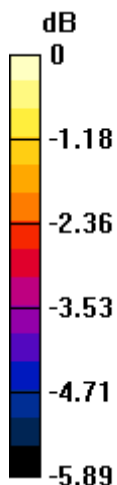
Grid 1 M4 14.48 dBV/m	Grid 2 M4 15.58 dBV/m	Grid 3 M4 15.06 dBV/m
Grid 4 M4 13.13 dBV/m	Grid 5 M4 14.68 dBV/m	Grid 6 M4 14.29 dBV/m
Grid 7 M4 13.31 dBV/m	Grid 8 M4 14.15 dBV/m	Grid 9 M4 13.38 dBV/m

Cursor:

Total = 15.58 dBV/m

E Category: M4

Location: 3.5, -25, 8.7 mm



0 dB = 6.011 V/m = 15.58 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 : 23.6 °C

DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2549.5 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2020/5/26
- 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 = 8.378 V/m; Power Drift = 0.18 dB

Applied MIF = -1.44 dB

RF audio interference level = 15.54 dBV/m

Emission category: M4

MIF scaled E-field

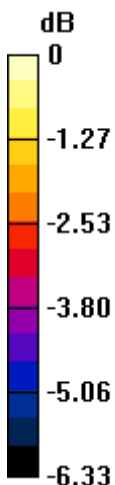
Grid 1 M4 14.34 dBV/m	Grid 2 M4 13.69 dBV/m	Grid 3 M4 12.77 dBV/m
Grid 4 M4 13.63 dBV/m	Grid 5 M4 15.21 dBV/m	Grid 6 M4 14.14 dBV/m
Grid 7 M4 14.55 dBV/m	Grid 8 M4 15.54 dBV/m	Grid 9 M4 14.05 dBV/m

Cursor:

Total = 15.54 dBV/m

E Category: M4

Location: 1, 14.5, 8.7 mm



0 dB = 5.981 V/m = 15.54 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 : 23.6 °C

DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2593 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2020/5/26
- 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 = 8.569 V/m; Power Drift = 0.17 dB

Applied MIF = -1.44 dB

RF audio interference level = 16.06 dBV/m

Emission category: M4

MIF scaled E-field

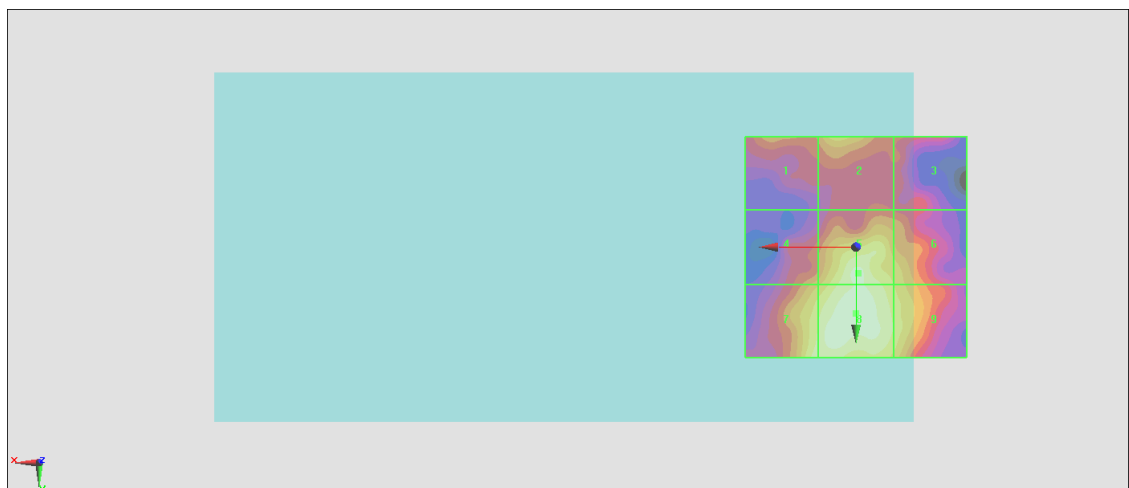
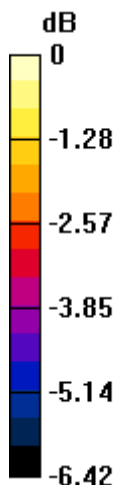
Grid 1 M4 13.87 dBV/m	Grid 2 M4 14.66 dBV/m	Grid 3 M4 13.28 dBV/m
Grid 4 M4 14.28 dBV/m	Grid 5 M4 15.78 dBV/m	Grid 6 M4 14.79 dBV/m
Grid 7 M4 15.5 dBV/m	Grid 8 M4 16.06 dBV/m	Grid 9 M4 15.19 dBV/m

Cursor:

Total = 16.06 dBV/m

E Category: M4

Location: 0, 15, 8.7 mm



0 dB = 6.355 V/m = 16.06 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 : 23.6 °C

DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2636.5 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2020/5/26
- 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 = 7.230 V/m; Power Drift = 0.18 dB

Applied MIF = -1.44 dB

RF audio interference level = 15.22 dBV/m

Emission category: M4

MIF scaled E-field

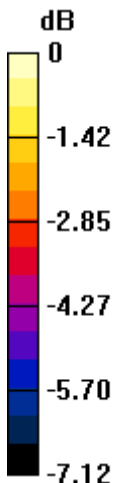
Grid 1 M4 13.62 dBV/m	Grid 2 M4 14.01 dBV/m	Grid 3 M4 12.42 dBV/m
Grid 4 M4 13.13 dBV/m	Grid 5 M4 14.4 dBV/m	Grid 6 M4 13.23 dBV/m
Grid 7 M4 14.53 dBV/m	Grid 8 M4 15.22 dBV/m	Grid 9 M4 13.73 dBV/m

Cursor:

Total = 15.22 dBV/m

E Category: M4

Location: 0.5, 15.5, 8.7 mm



0 dB = 5.767 V/m = 15.22 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 : 23.6 °C

DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2680 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2020/5/26
- 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 = 9.424 V/m; Power Drift = -0.10 dB

Applied MIF = -1.44 dB

RF audio interference level = 17.73 dBV/m

Emission category: M4

MIF scaled E-field

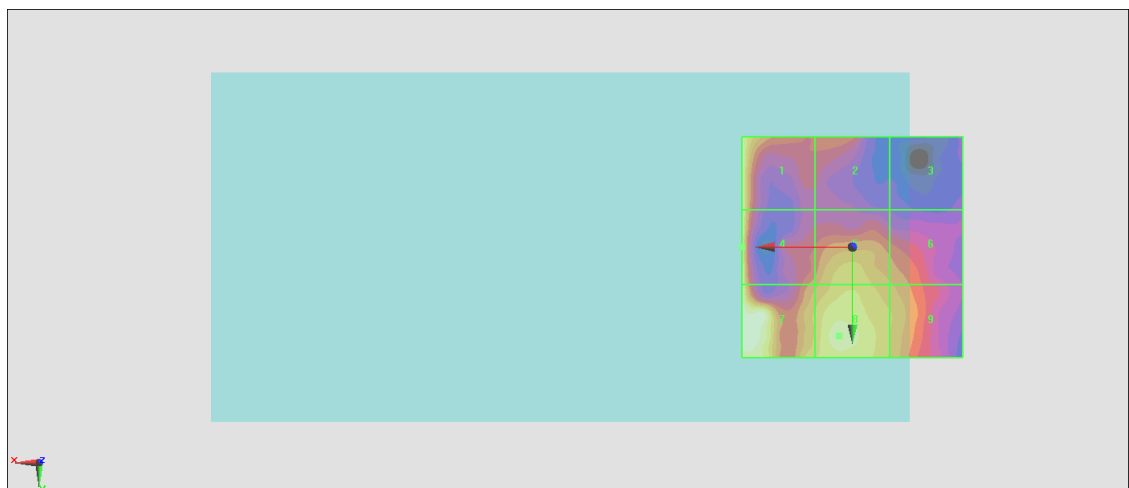
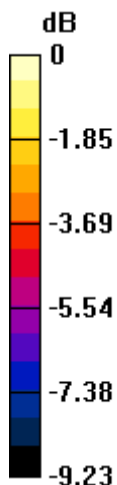
Grid 1 M4 17.72 dBV/m	Grid 2 M4 14.16 dBV/m	Grid 3 M4 11.56 dBV/m
Grid 4 M4 17.73 dBV/m	Grid 5 M4 15.8 dBV/m	Grid 6 M4 14.76 dBV/m
Grid 7 M4 17.72 dBV/m	Grid 8 M4 16.74 dBV/m	Grid 9 M4 15.34 dBV/m

Cursor:

Total = 17.73 dBV/m

E Category: M4

Location: 25, 0, 8.7 mm



0 dB = 7.703 V/m = 17.73 dBV/m