

#01_HAC_E_GSM850_GSM Voice_Ch128

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 : 23.5 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1399; Calibrated: 2017/11/16
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

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 = 123.2 V/m; Power Drift = -0.04 dB

Applied MIF = 3.63 dB

RF audio interference level = 40.91 dBV/m

Emission category: M3

MIF scaled E-field

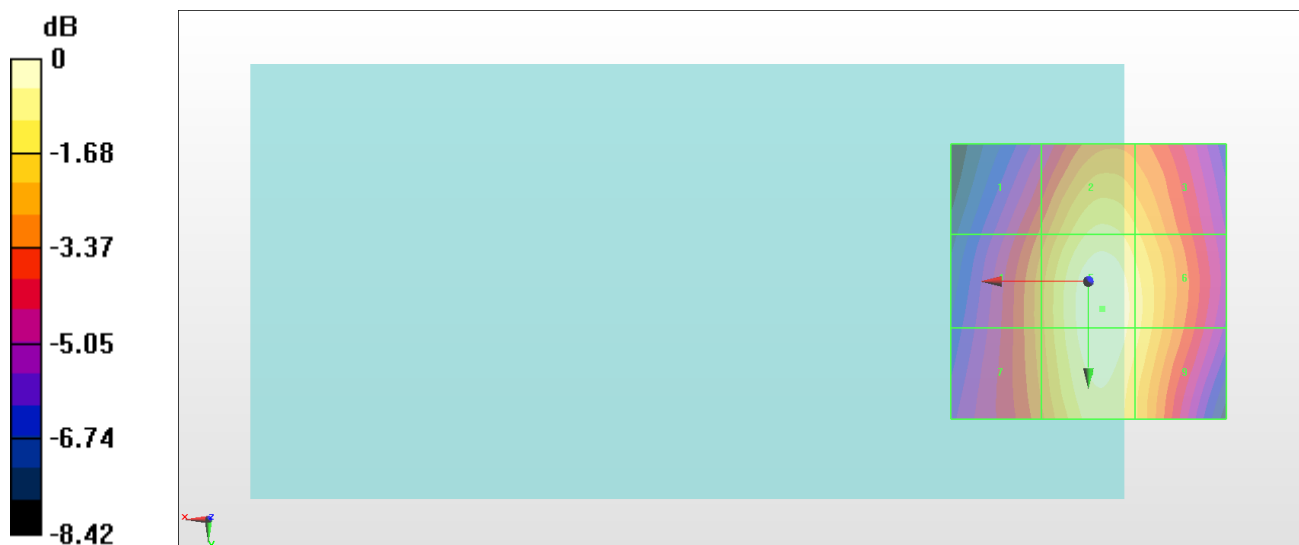
Grid 1 M4 37.77 dBV/m	Grid 2 M3 40.02 dBV/m	Grid 3 M4 39.4 dBV/m
Grid 4 M4 38.53 dBV/m	Grid 5 M3 40.91 dBV/m	Grid 6 M3 40.12 dBV/m
Grid 7 M4 38.5 dBV/m	Grid 8 M3 40.84 dBV/m	Grid 9 M3 40.03 dBV/m

Cursor:

Total = 40.91 dBV/m

E Category: M3

Location: -2.5, 5, 8.7 mm



0 dB = 111.1 V/m = 40.91 dBV/m

#02_HAC_E_GSM850_GSM Voice_Ch189

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 836.4 MHz; Duty Cycle: 1:8.6896

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

Ambient Temperature : 23.5 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1399; Calibrated: 2017/11/16
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

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 = 129.6 V/m; Power Drift = -0.08 dB

Applied MIF = 3.63 dB

RF audio interference level = 41.39 dBV/m

Emission category: M3

MIF scaled E-field

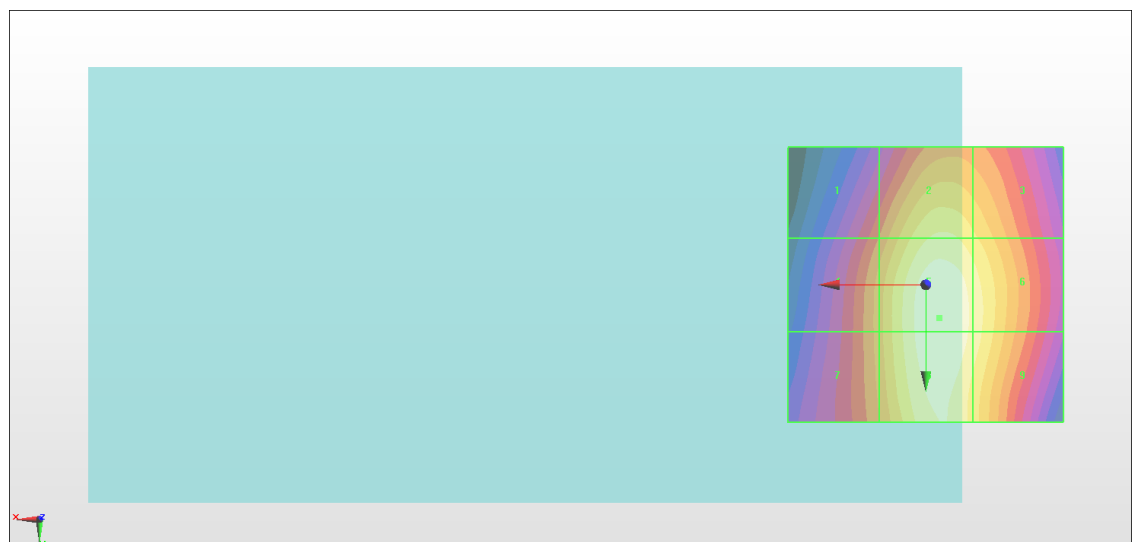
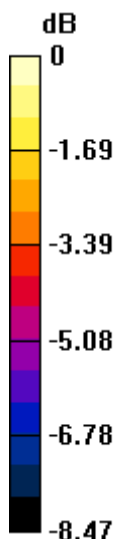
Grid 1 M4 38.05 dBV/m	Grid 2 M3 40.4 dBV/m	Grid 3 M4 39.87 dBV/m
Grid 4 M4 38.91 dBV/m	Grid 5 M3 41.39 dBV/m	Grid 6 M3 40.7 dBV/m
Grid 7 M4 38.9 dBV/m	Grid 8 M3 41.37 dBV/m	Grid 9 M3 40.65 dBV/m

Cursor:

Total = 41.39 dBV/m

E Category: M3

Location: -2.5, 6, 8.7 mm



0 dB = 117.4 V/m = 41.39 dBV/m

#03_HAC_E_GSM850_GSM Voice_Ch251

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 848.8 MHz; Duty Cycle: 1:8.6896

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

Ambient Temperature : 23.5 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1399; Calibrated: 2017/11/16
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

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 = 136.1 V/m; Power Drift = -0.01 dB

Applied MIF = 3.63 dB

RF audio interference level = 41.95 dBV/m

Emission category: M3

MIF scaled E-field

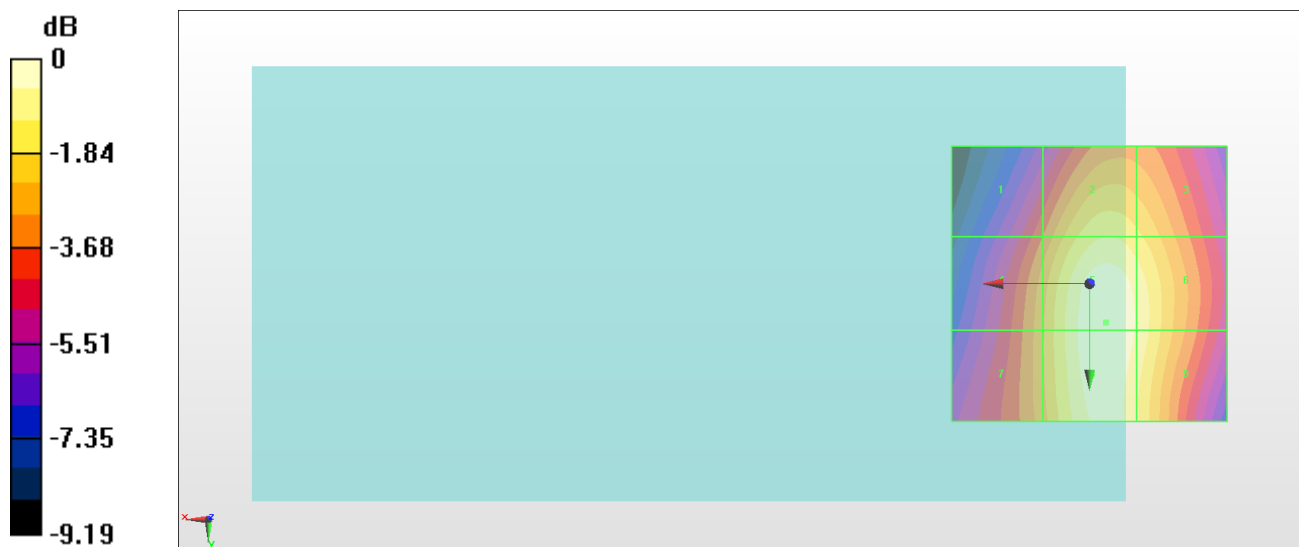
Grid 1 M4 38.3 dBV/m	Grid 2 M3 40.72 dBV/m	Grid 3 M3 40.3 dBV/m
Grid 4 M4 39.42 dBV/m	Grid 5 M3 41.95 dBV/m	Grid 6 M3 41.27 dBV/m
Grid 7 M4 39.43 dBV/m	Grid 8 M3 41.94 dBV/m	Grid 9 M3 41.25 dBV/m

Cursor:

Total = 41.95 dBV/m

E Category: M3

Location: -3, 7, 8.7 mm



0 dB = 125.1 V/m = 41.95 dBV/m

#04_HAC_E_GSM1900_GSM Voice_Ch512

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 1850.2 MHz; Duty Cycle: 1:8.6896

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

Ambient Temperature : 23.5 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1399; Calibrated: 2017/11/16
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

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 = 20.96 V/m; Power Drift = 0.01 dB

Applied MIF = 3.63 dB

RF audio interference level = 24.80 dBV/m

Emission category: M4

MIF scaled E-field

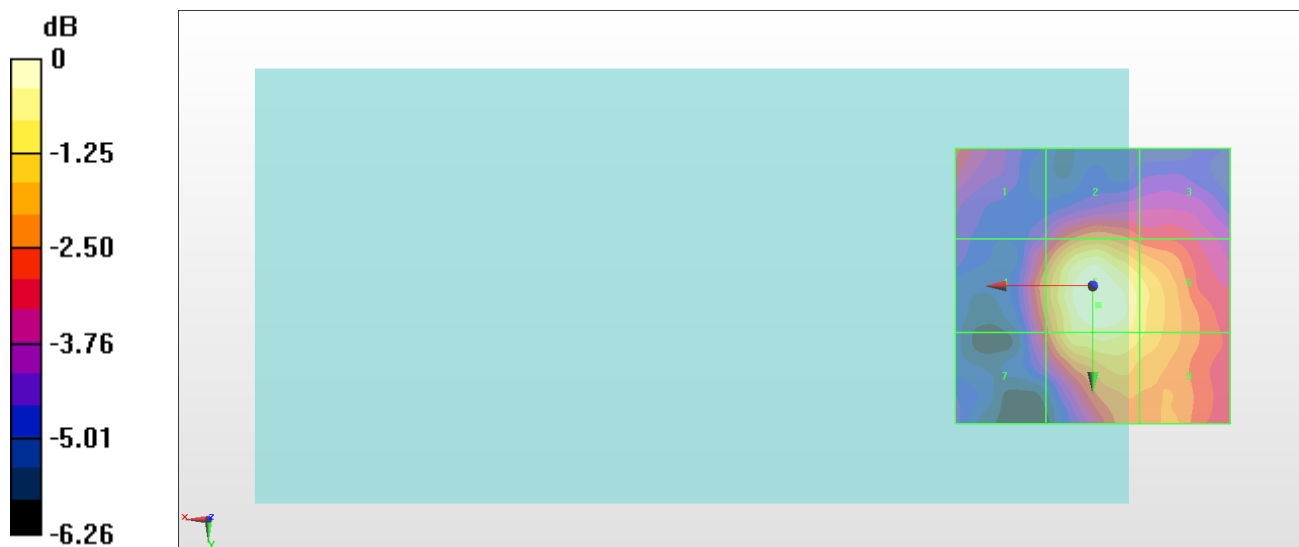
Grid 1 M4 22.14 dBV/m	Grid 2 M4 22.8 dBV/m	Grid 3 M4 22.05 dBV/m
Grid 4 M4 22.84 dBV/m	Grid 5 M4 24.8 dBV/m	Grid 6 M4 23.86 dBV/m
Grid 7 M4 22.04 dBV/m	Grid 8 M4 24.22 dBV/m	Grid 9 M4 23.65 dBV/m

Cursor:

Total = 24.80 dBV/m

E Category: M4

Location: -1, 3.5, 8.7 mm



0 dB = 17.37 V/m = 24.80 dBV/m

#05_HAC_E_GSM1900_GSM Voice_Ch661

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz; Duty Cycle: 1:8.6896

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

Ambient Temperature : 23.5 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1399; Calibrated: 2017/11/16
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

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 = 21.44 V/m; Power Drift = -0.01 dB

Applied MIF = 3.63 dB

RF audio interference level = 25.22 dBV/m

Emission category: M4

MIF scaled E-field

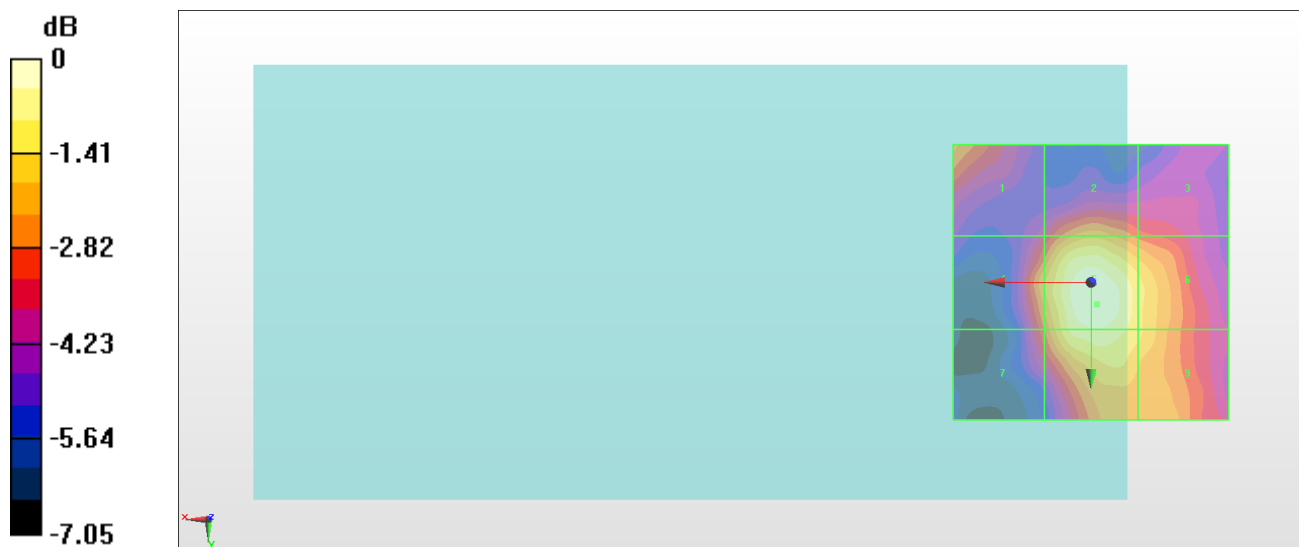
Grid 1 M4 23.06 dBV/m	Grid 2 M4 23.21 dBV/m	Grid 3 M4 22.26 dBV/m
Grid 4 M4 23.31 dBV/m	Grid 5 M4 25.22 dBV/m	Grid 6 M4 24.08 dBV/m
Grid 7 M4 22.43 dBV/m	Grid 8 M4 24.76 dBV/m	Grid 9 M4 23.97 dBV/m

Cursor:

Total = 25.22 dBV/m

E Category: M4

Location: -1, 4, 8.7 mm



0 dB = 18.25 V/m = 25.23 dBV/m

#06_HAC_E_GSM1900_GSM Voice_Ch810

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 1909.8 MHz; Duty Cycle: 1:8.6896

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

Ambient Temperature : 23.5 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1399; Calibrated: 2017/11/16
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

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 = 21.15 V/m; Power Drift = 0.02 dB

Applied MIF = 3.63 dB

RF audio interference level = 24.97 dBV/m

Emission category: M4

MIF scaled E-field

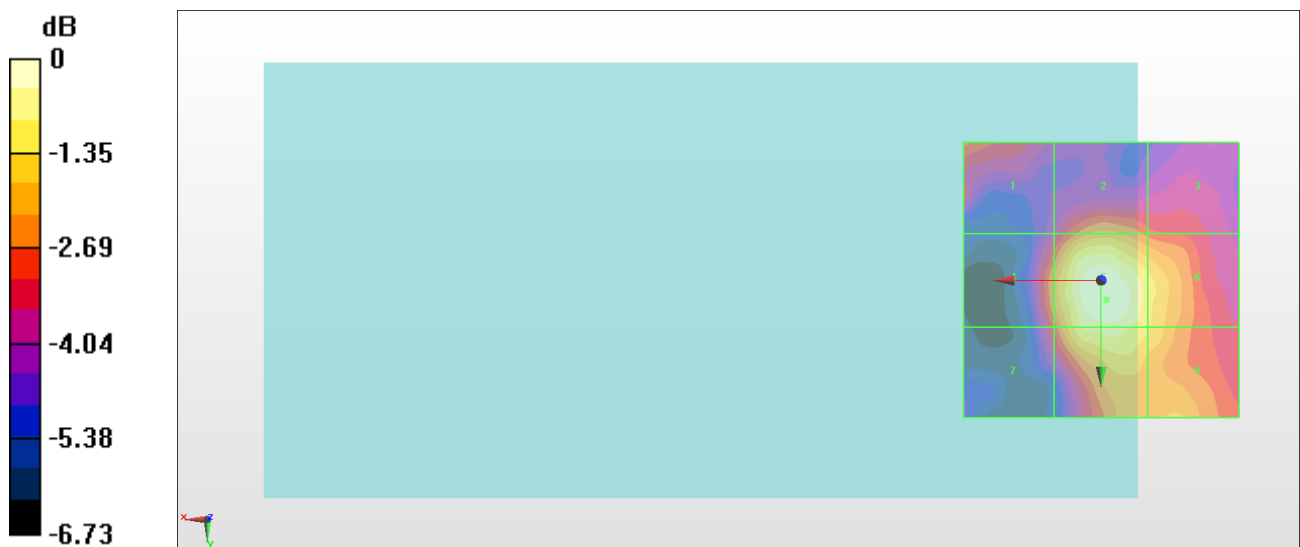
Grid 1 M4 22.43 dBV/m	Grid 2 M4 22.93 dBV/m	Grid 3 M4 22.11 dBV/m
Grid 4 M4 22.88 dBV/m	Grid 5 M4 24.97 dBV/m	Grid 6 M4 23.9 dBV/m
Grid 7 M4 22.02 dBV/m	Grid 8 M4 24.38 dBV/m	Grid 9 M4 23.68 dBV/m

Cursor:

Total = 24.97 dBV/m

E Category: M4

Location: -1, 3.5, 8.7 mm



0 dB = 17.72 V/m = 24.97 dBV/m

#07_HAC_E_LTE Band 41_20M_QPSK_1_0_Ch39750

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 2506 MHz; Duty Cycle: 1:8.33681

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

Ambient Temperature : 23.5 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1399; Calibrated: 2017/11/16
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

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 = 5.292 V/m; Power Drift = 0.19 dB

Applied MIF = -1.62 dB

RF audio interference level = 15.12 dBV/m

Emission category: M4

MIF scaled E-field

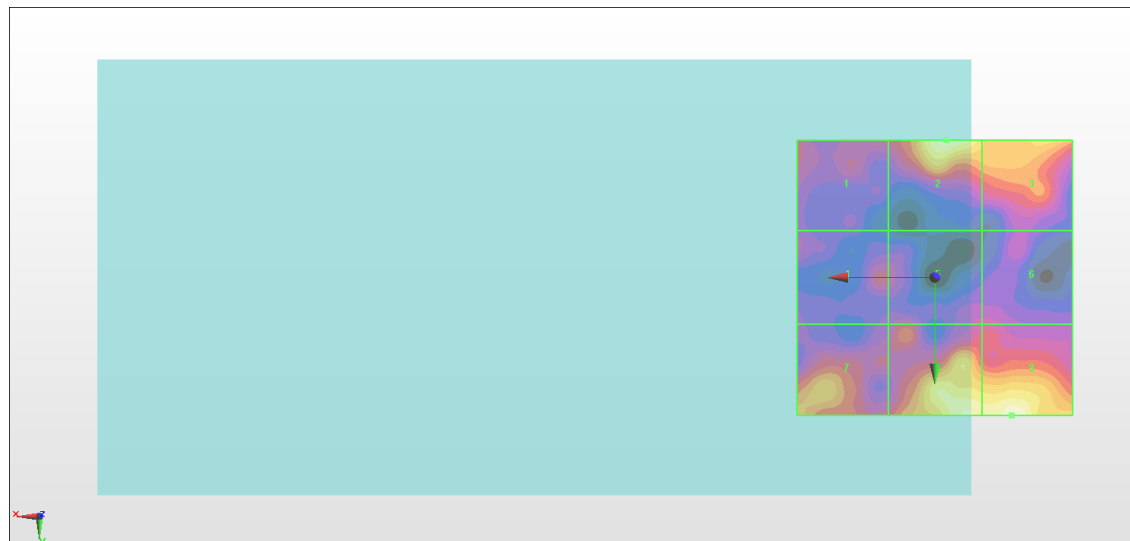
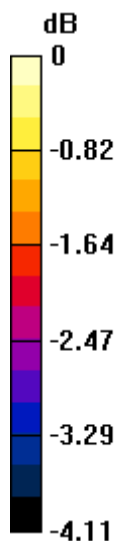
Grid 1 M4 13.13 dBV/m	Grid 2 M4 14.96 dBV/m	Grid 3 M4 14.27 dBV/m
Grid 4 M4 13.04 dBV/m	Grid 5 M4 13.02 dBV/m	Grid 6 M4 12.82 dBV/m
Grid 7 M4 14.02 dBV/m	Grid 8 M4 14.92 dBV/m	Grid 9 M4 15.12 dBV/m

Cursor:

Total = 15.12 dBV/m

E Category: M4

Location: -14, 25, 8.7 mm



0 dB = 5.699 V/m = 15.12 dBV/m

#08_HAC_E_LTE Band 41_20M_QPSK_1_0_Ch40185

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 2549.5 MHz; Duty Cycle: 1:8.33681

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

Ambient Temperature : 23.5 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1399; Calibrated: 2017/11/16
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

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 = 7.272 V/m; Power Drift = -0.04 dB

Applied MIF = -1.62 dB

RF audio interference level = 15.84 dBV/m

Emission category: M4

MIF scaled E-field

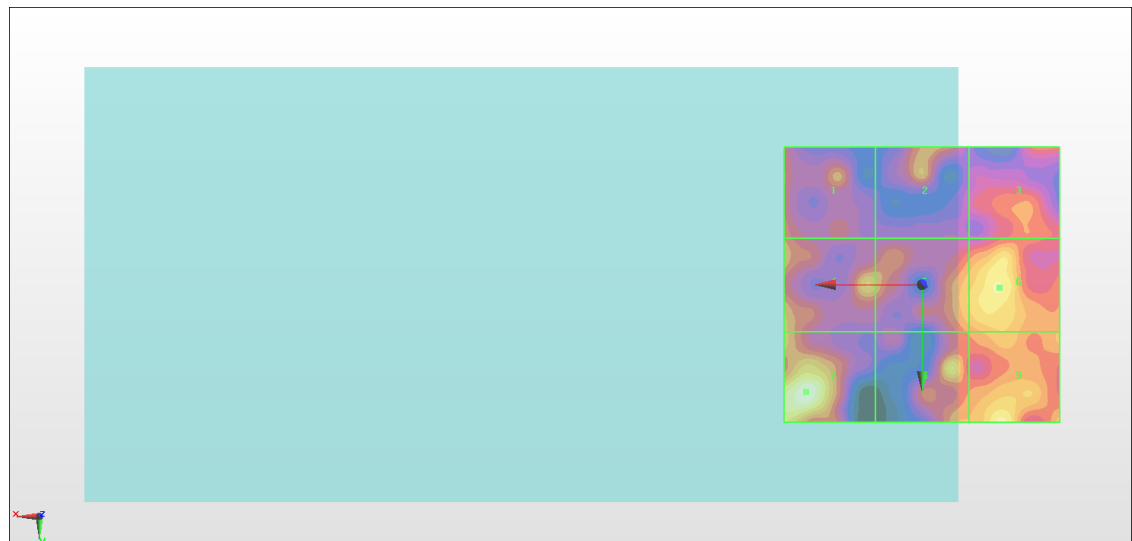
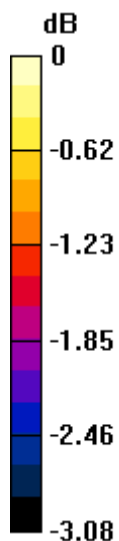
Grid 1 M4 14.7 dBV/m	Grid 2 M4 14.86 dBV/m	Grid 3 M4 14.7 dBV/m
Grid 4 M4 15.05 dBV/m	Grid 5 M4 15.06 dBV/m	Grid 6 M4 15.46 dBV/m
Grid 7 M4 15.84 dBV/m	Grid 8 M4 15.24 dBV/m	Grid 9 M4 15.52 dBV/m

Cursor:

Total = 15.84 dBV/m

E Category: M4

Location: 21, 19.5, 8.7 mm



0 dB = 6.194 V/m = 15.84 dBV/m

#09_HAC_E_LTE Band 41_20M_QPSK_1_0_Ch40620

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 2593 MHz; Duty Cycle: 1:8.33681

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

Ambient Temperature : 23.5 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1399; Calibrated: 2017/11/16
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

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 = 8.026 V/m; Power Drift = -0.06 dB

Applied MIF = -1.62 dB

RF audio interference level = 16.96 dBV/m

Emission category: M4

MIF scaled E-field

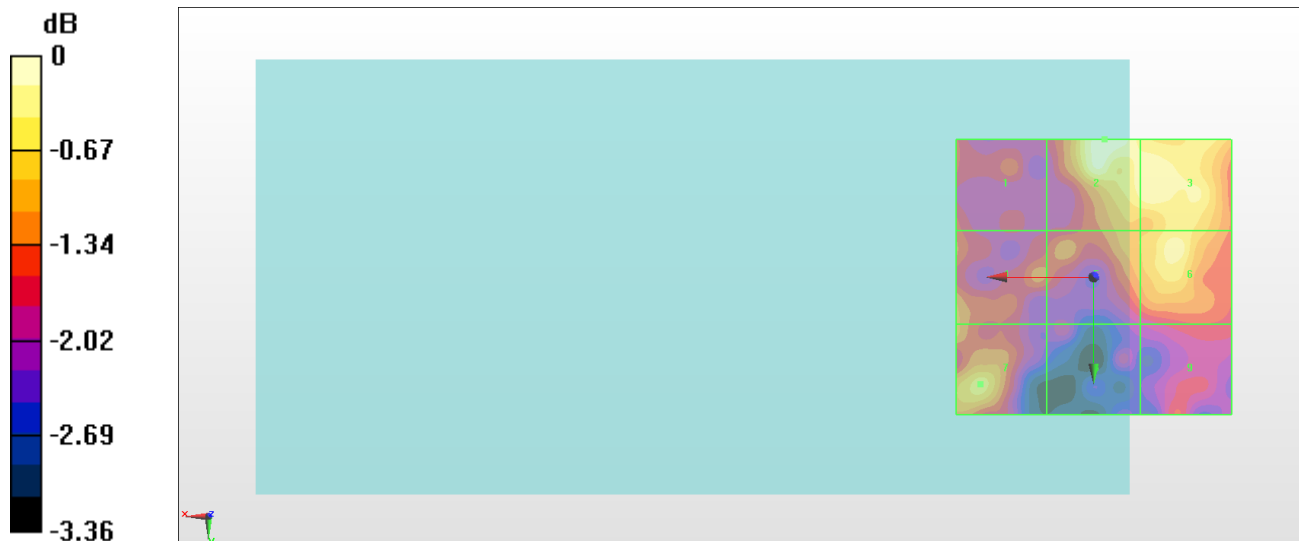
Grid 1 M4 15.55 dBV/m	Grid 2 M4 16.96 dBV/m	Grid 3 M4 16.74 dBV/m
Grid 4 M4 15.97 dBV/m	Grid 5 M4 16.08 dBV/m	Grid 6 M4 16.7 dBV/m
Grid 7 M4 16.44 dBV/m	Grid 8 M4 15.09 dBV/m	Grid 9 M4 15.43 dBV/m

Cursor:

Total = 16.96 dBV/m

E Category: M4

Location: -2, -25, 8.7 mm



0 dB = 7.047 V/m = 16.96 dBV/m

#10_HAC_E_LTE Band 41_20M_QPSK_1_0_Ch41055

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 2636.5 MHz; Duty Cycle: 1:8.33681

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

Ambient Temperature : 23.5 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1399; Calibrated: 2017/11/16
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

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 = 7.150 V/m; Power Drift = 0.13 dB

Applied MIF = -1.62 dB

RF audio interference level = 17.76 dBV/m

Emission category: M4

MIF scaled E-field

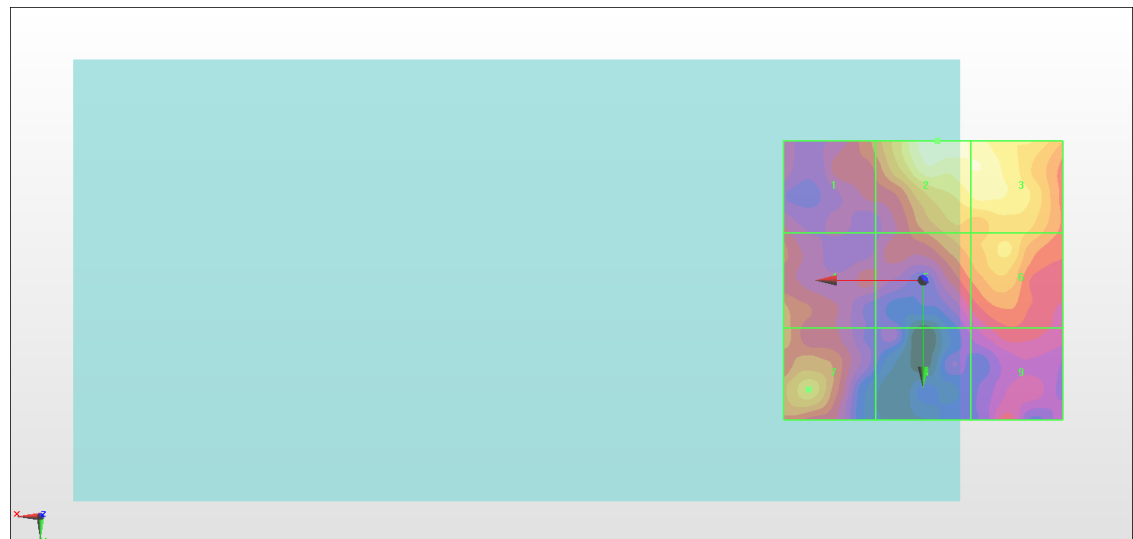
Grid 1 M4 16.05 dBV/m	Grid 2 M4 17.76 dBV/m	Grid 3 M4 17.47 dBV/m
Grid 4 M4 16.17 dBV/m	Grid 5 M4 16.4 dBV/m	Grid 6 M4 16.93 dBV/m
Grid 7 M4 16.77 dBV/m	Grid 8 M4 14.9 dBV/m	Grid 9 M4 15.61 dBV/m

Cursor:

Total = 17.76 dBV/m

E Category: M4

Location: -2.5, -25, 8.7 mm



0 dB = 7.723 V/m = 17.76 dBV/m

#11_HAC_E_LTE Band 41_20M_QPSK_1_0_Ch41490

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 2680 MHz; Duty Cycle: 1:8.33681

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

Ambient Temperature : 23.5 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1399; Calibrated: 2017/11/16
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

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 = 7.368 V/m; Power Drift = 0.03 dB

Applied MIF = -1.62 dB

RF audio interference level = 17.79 dBV/m

Emission category: M4

MIF scaled E-field

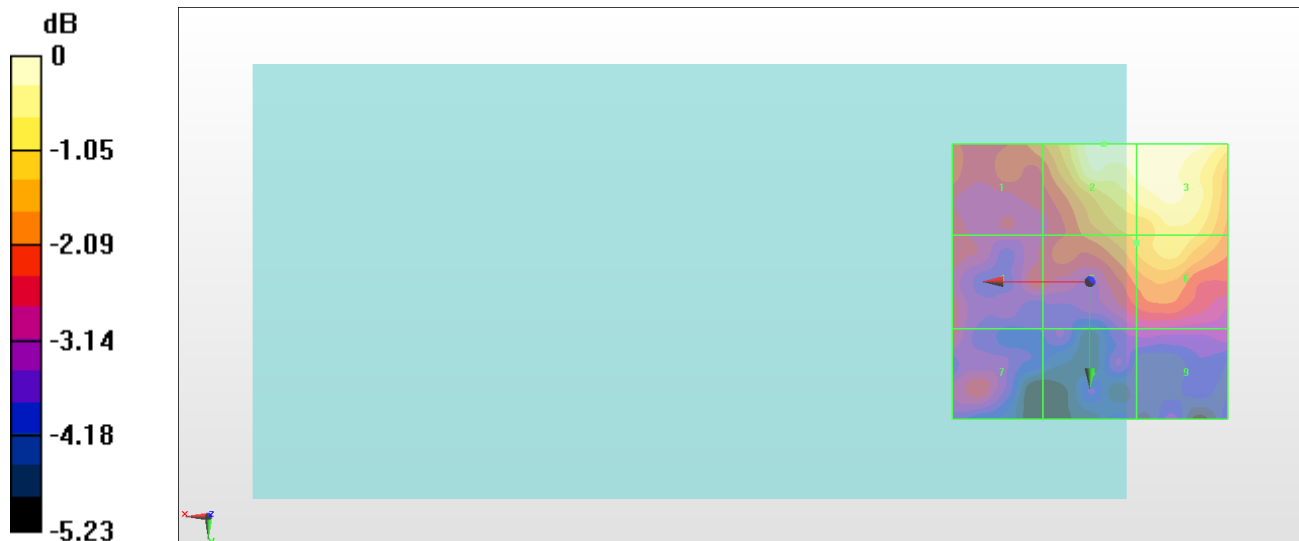
Grid 1 M4 16.04 dBV/m	Grid 2 M4 17.79 dBV/m	Grid 3 M4 17.68 dBV/m
Grid 4 M4 15.35 dBV/m	Grid 5 M4 16.46 dBV/m	Grid 6 M4 17 dBV/m
Grid 7 M4 15.31 dBV/m	Grid 8 M4 14.59 dBV/m	Grid 9 M4 14.64 dBV/m

Cursor:

Total = 17.79 dBV/m

E Category: M4

Location: -2.5, -25, 8.7 mm



0 dB = 7.749 V/m = 17.79 dBV/m