

#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 Sn854; Calibrated: 2018/6/14
- 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 = 50.49 V/m; Power Drift = -0.11 dB

Applied MIF = 3.63 dB

RF audio interference level = 35.30 dBV/m

Emission category: M4

MIF scaled E-field

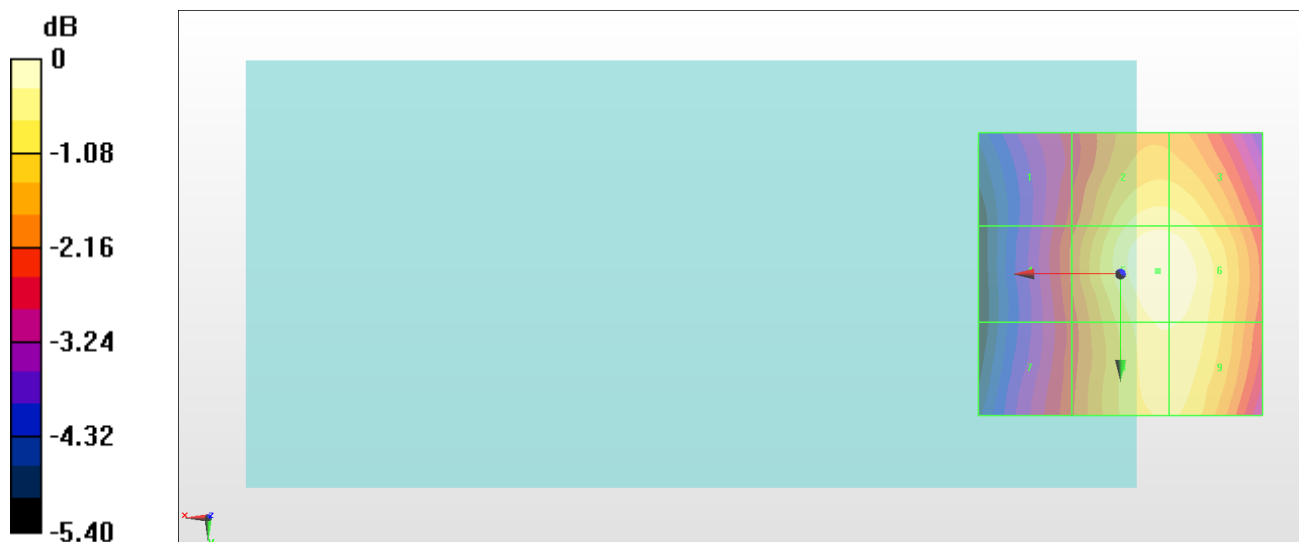
Grid 1 M4 33.02 dBV/m	Grid 2 M4 34.88 dBV/m	Grid 3 M4 34.85 dBV/m
Grid 4 M4 33.25 dBV/m	Grid 5 M4 35.3 dBV/m	Grid 6 M4 35.25 dBV/m
Grid 7 M4 33.12 dBV/m	Grid 8 M4 34.99 dBV/m	Grid 9 M4 34.98 dBV/m

Cursor:

Total = 35.30 dBV/m

E Category: M4

Location: -6.5, -0.5, 8.7 mm



0 dB = 58.24 V/m = 35.30 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 Sn854; Calibrated: 2018/6/14
- 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 = 52.51 V/m; Power Drift = -0.04 dB

Applied MIF = 3.63 dB

RF audio interference level = 35.72 dBV/m

Emission category: M4

MIF scaled E-field

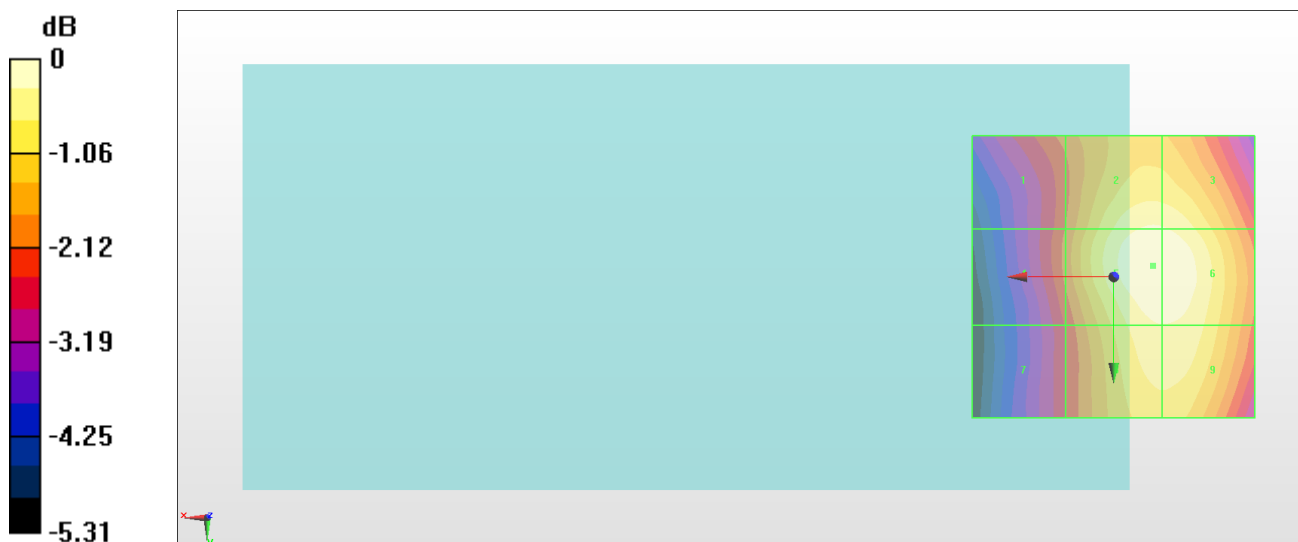
Grid 1 M4 33.76 dBV/m	Grid 2 M4 35.42 dBV/m	Grid 3 M4 35.4 dBV/m
Grid 4 M4 33.75 dBV/m	Grid 5 M4 35.72 dBV/m	Grid 6 M4 35.7 dBV/m
Grid 7 M4 33.3 dBV/m	Grid 8 M4 35.35 dBV/m	Grid 9 M4 35.35 dBV/m

Cursor:

Total = 35.72 dBV/m

E Category: M4

Location: -7, -2, 8.7 mm



0 dB = 61.06 V/m = 35.72 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 Sn854; Calibrated: 2018/6/14
- 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 = 49.86 V/m; Power Drift = -0.03 dB

Applied MIF = 3.63 dB

RF audio interference level = 35.34 dBV/m

Emission category: M4

MIF scaled E-field

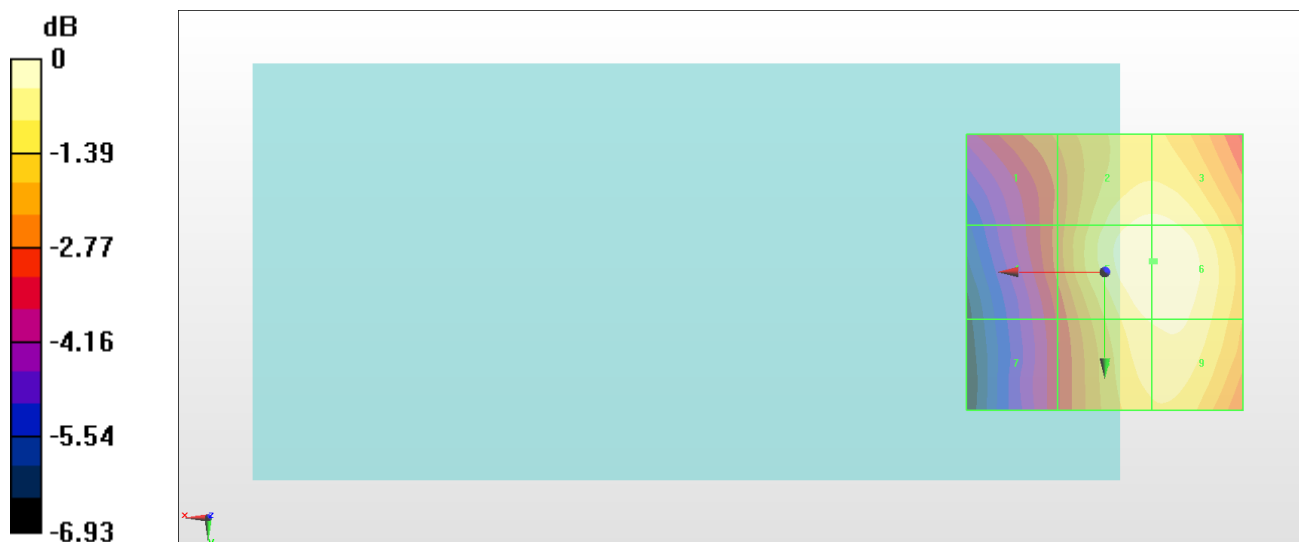
Grid 1 M4 33.16 dBV/m	Grid 2 M4 35.04 dBV/m	Grid 3 M4 35.04 dBV/m
Grid 4 M4 32.81 dBV/m	Grid 5 M4 35.34 dBV/m	Grid 6 M4 35.34 dBV/m
Grid 7 M4 32.2 dBV/m	Grid 8 M4 34.92 dBV/m	Grid 9 M4 34.98 dBV/m

Cursor:

Total = 35.34 dBV/m

E Category: M4

Location: -9, -2, 8.7 mm



0 dB = 58.49 V/m = 35.34 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 Sn854; Calibrated: 2018/6/14
- 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 = 28.13 V/m; Power Drift = 0.03 dB

Applied MIF = 3.63 dB

RF audio interference level = 28.59 dBV/m

Emission category: M4

MIF scaled E-field

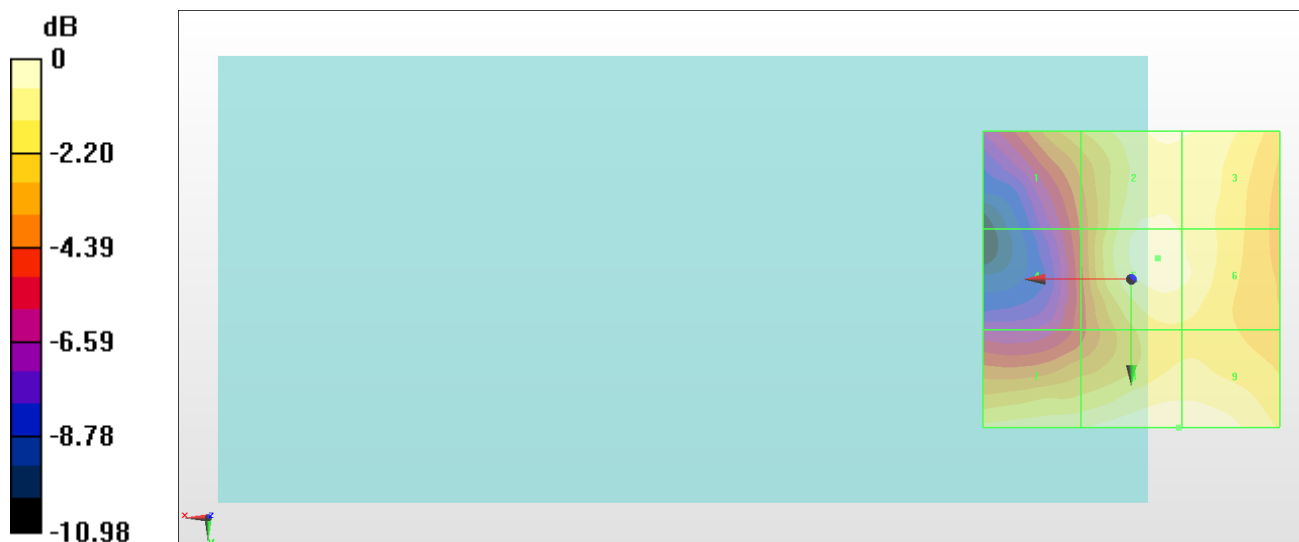
Grid 1 M4 26.39 dBV/m	Grid 2 M4 28.06 dBV/m	Grid 3 M4 27.96 dBV/m
Grid 4 M4 24.35 dBV/m	Grid 5 M4 28.25 dBV/m	Grid 6 M4 28.02 dBV/m
Grid 7 M4 27.76 dBV/m	Grid 8 M4 28.59 dBV/m	Grid 9 M4 28.59 dBV/m

Cursor:

Total = 28.59 dBV/m

E Category: M4

Location: -8, 25, 8.7 mm



#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 Sn854; Calibrated: 2018/6/14
- 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 = 27.44 V/m; Power Drift = -0.04 dB

Applied MIF = 3.63 dB

RF audio interference level = 28.54 dBV/m

Emission category: M4

MIF scaled E-field

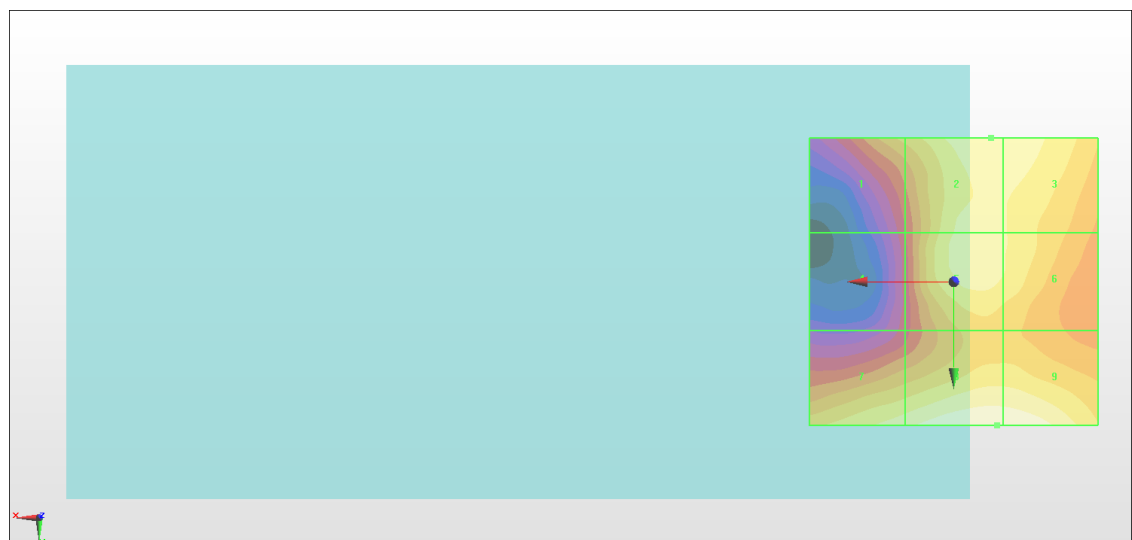
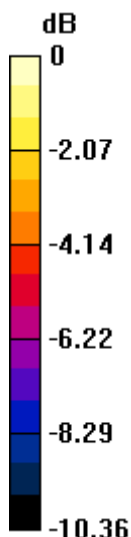
Grid 1 M4 26.08 dBV/m	Grid 2 M4 27.87 dBV/m	Grid 3 M4 27.81 dBV/m
Grid 4 M4 23.65 dBV/m	Grid 5 M4 27.67 dBV/m	Grid 6 M4 27.26 dBV/m
Grid 7 M4 27.63 dBV/m	Grid 8 M4 28.54 dBV/m	Grid 9 M4 28.53 dBV/m

Cursor:

Total = 28.54 dBV/m

E Category: M4

Location: -7.5, 25, 8.7 mm



0 dB = 26.72 V/m = 28.54 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 Sn854; Calibrated: 2018/6/14
- 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 = 27.33 V/m; Power Drift = -0.01 dB

Applied MIF = 3.63 dB

RF audio interference level = 28.48 dBV/m

Emission category: M4

MIF scaled E-field

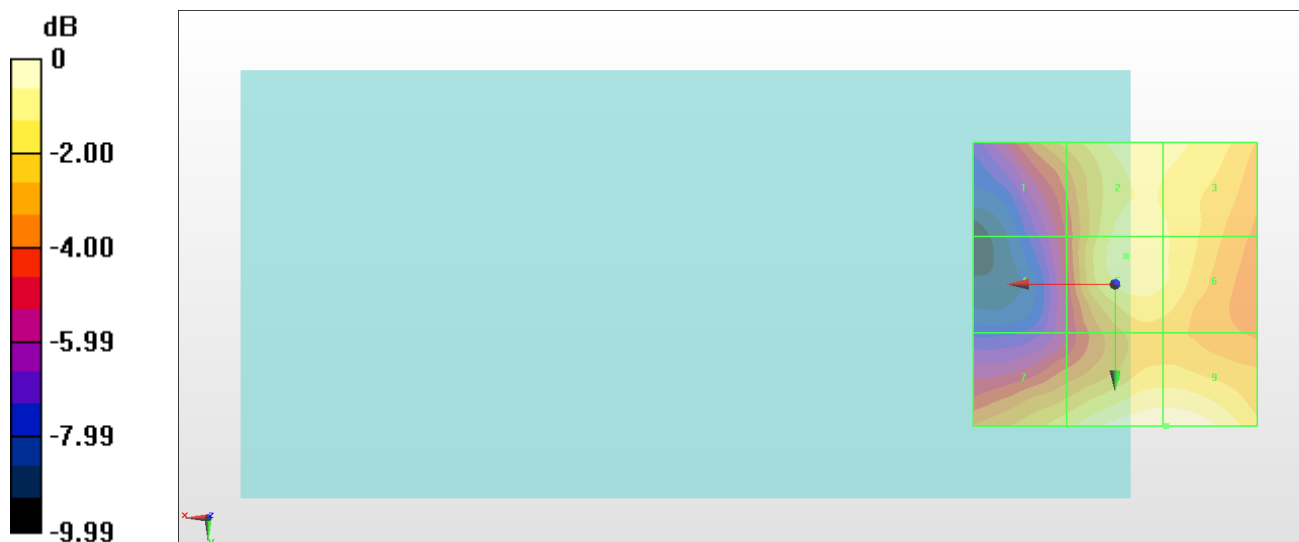
Grid 1 M4 26.14 dBV/m	Grid 2 M4 27.73 dBV/m	Grid 3 M4 27.49 dBV/m
Grid 4 M4 23.99 dBV/m	Grid 5 M4 27.75 dBV/m	Grid 6 M4 27.3 dBV/m
Grid 7 M4 26.99 dBV/m	Grid 8 M4 28.47 dBV/m	Grid 9 M4 28.48 dBV/m

Cursor:

Total = 28.48 dBV/m

E Category: M4

Location: -9, 25, 8.7 mm



0 dB = 26.54 V/m = 28.48 dBV/m

#07_HAC_E_LTE Band 38_20M_QPSK_1_0_Ch37850

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 2580 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 Sn854; Calibrated: 2018/6/14
- 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 = 11.51 V/m; Power Drift = -0.16 dB

Applied MIF = -1.62 dB

RF audio interference level = 23.59 dBV/m

Emission category: M4

MIF scaled E-field

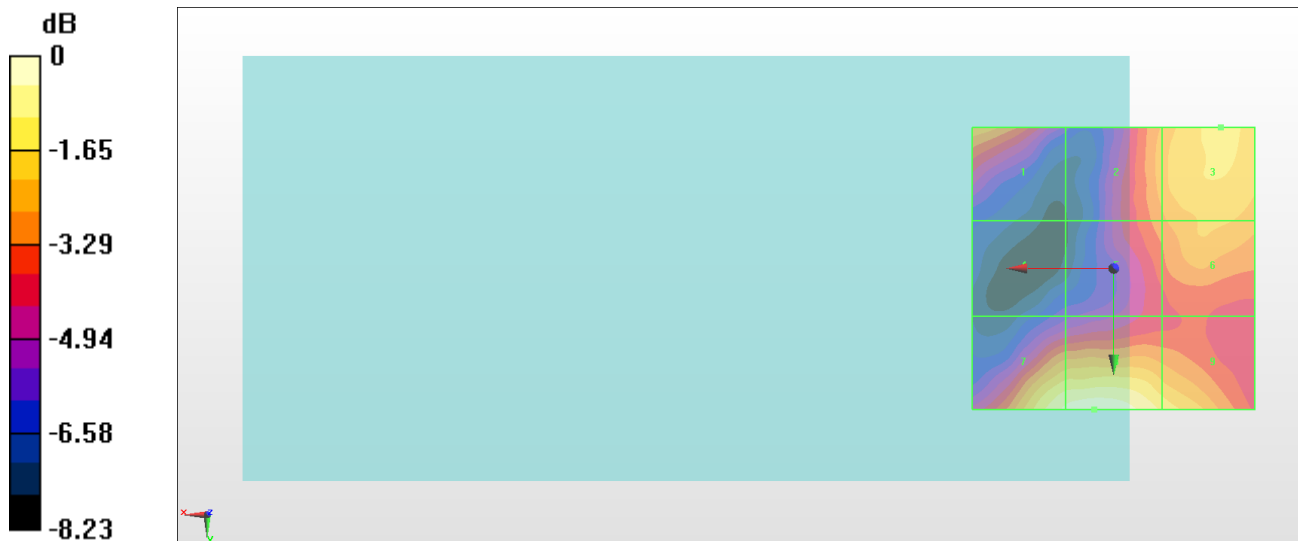
Grid 1 M4 21.33 dBV/m	Grid 2 M4 21.17 dBV/m	Grid 3 M4 22.16 dBV/m
Grid 4 M4 17.98 dBV/m	Grid 5 M4 20.7 dBV/m	Grid 6 M4 21.52 dBV/m
Grid 7 M4 23.21 dBV/m	Grid 8 M4 23.59 dBV/m	Grid 9 M4 22.41 dBV/m

Cursor:

Total = 23.59 dBV/m

E Category: M4

Location: 3.5, 25, 8.7 mm



0 dB = 15.13 V/m = 23.60 dBV/m

#08_HAC_E_LTE Band 38_20M_QPSK_1_0_Ch38000

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 2575 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 Sn854; Calibrated: 2018/6/14
- 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 = 8.565 V/m; Power Drift = 0.01 dB

Applied MIF = -1.62 dB

RF audio interference level = 22.15 dBV/m

Emission category: M4

MIF scaled E-field

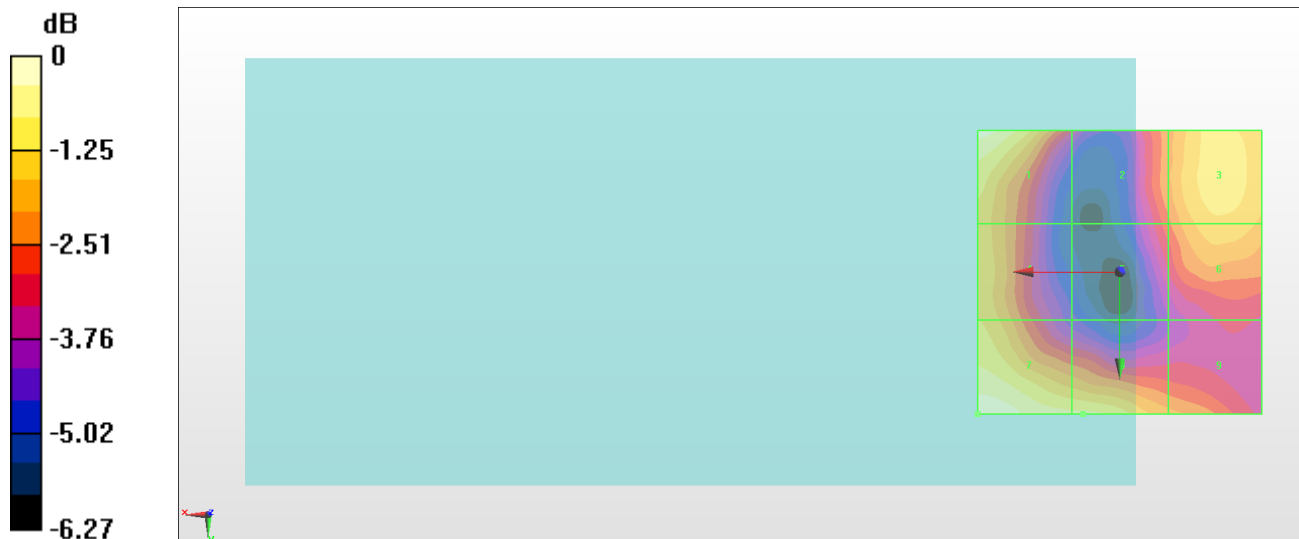
Grid 1 M4 21.94 dBV/m	Grid 2 M4 19.99 dBV/m	Grid 3 M4 21.15 dBV/m
Grid 4 M4 20.93 dBV/m	Grid 5 M4 19.53 dBV/m	Grid 6 M4 20.8 dBV/m
Grid 7 M4 22.15 dBV/m	Grid 8 M4 21.47 dBV/m	Grid 9 M4 20.26 dBV/m

Cursor:

Total = 22.15 dBV/m

E Category: M4

Location: 25, 25, 8.7 mm



#09_HAC_E_LTE Band 38_20M_QPSK_1_0_Ch38150

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 2610 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 Sn854; Calibrated: 2018/6/14
- 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 = 6.489 V/m; Power Drift = 0.17 dB

Applied MIF = -1.62 dB

RF audio interference level = 21.29 dBV/m

Emission category: M4

MIF scaled E-field

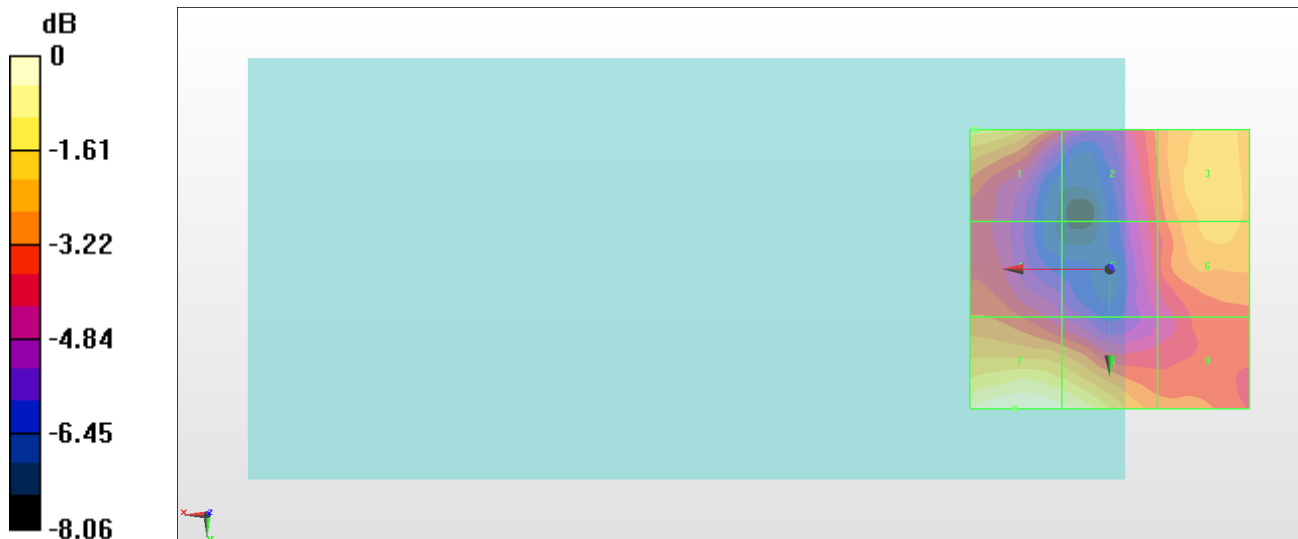
Grid 1 M4 19.98 dBV/m	Grid 2 M4 18.21 dBV/m	Grid 3 M4 19.54 dBV/m
Grid 4 M4 18.14 dBV/m	Grid 5 M4 17.58 dBV/m	Grid 6 M4 19.39 dBV/m
Grid 7 M4 21.29 dBV/m	Grid 8 M4 20.96 dBV/m	Grid 9 M4 18.45 dBV/m

Cursor:

Total = 21.29 dBV/m

E Category: M4

Location: 17, 25, 8.7 mm



0 dB = 11.60 V/m = 21.29 dBV/m