

#01_HAC_E_GSM850_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 : 23.3 °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 = 39.47 V/m; Power Drift = -0.01 dB

Applied MIF = 3.63 dB

RF audio interference level = 34.95 dBV/m

Emission category: M4

MIF scaled E-field

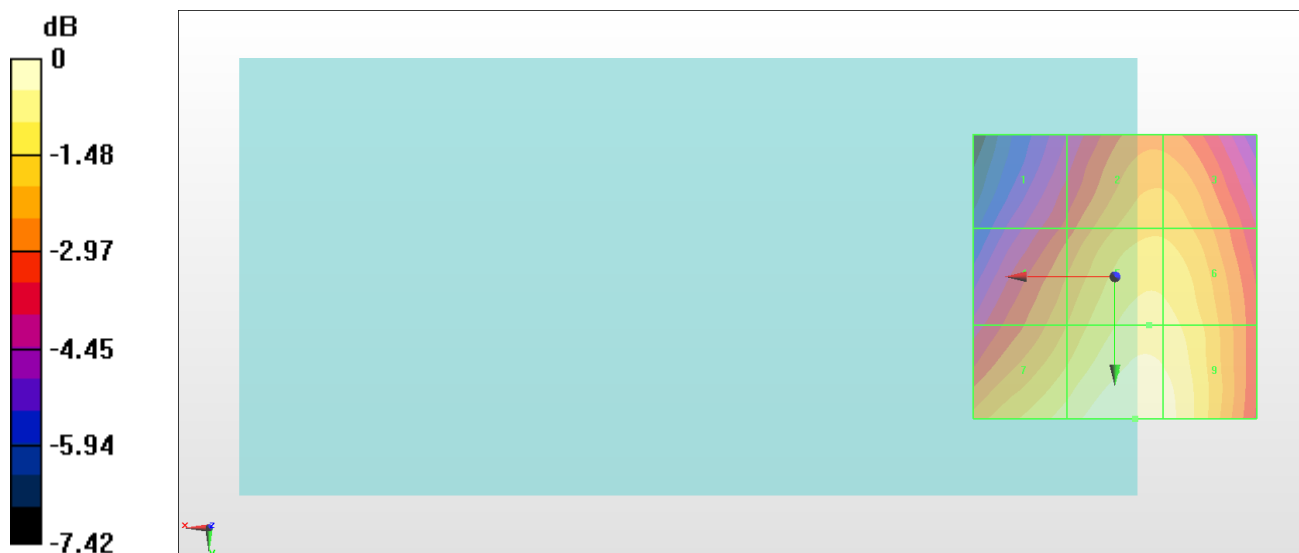
Grid 1 M4 31.71 dBV/m	Grid 2 M4 33.39 dBV/m	Grid 3 M4 33.37 dBV/m
Grid 4 M4 32.98 dBV/m	Grid 5 M4 34.22 dBV/m	Grid 6 M4 34.17 dBV/m
Grid 7 M4 34.22 dBV/m	Grid 8 M4 34.95 dBV/m	Grid 9 M4 34.72 dBV/m

Cursor:

Total = 34.95 dBV/m

E Category: M4

Location: -3.5, 25, 8.7 mm



0 dB = 55.90 V/m = 34.95 dBV/m

#02_HAC_E_GSM850_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 : 23.3 °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 = 37.01 V/m; Power Drift = -0.02 dB

Applied MIF = 3.63 dB

RF audio interference level = 34.82 dBV/m

Emission category: M4

MIF scaled E-field

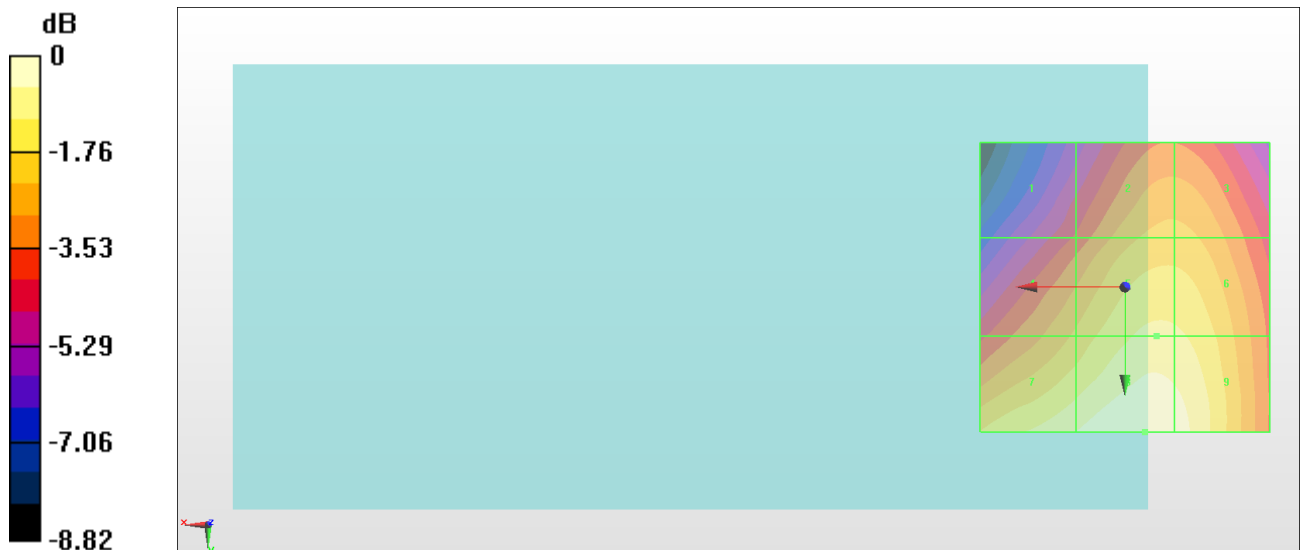
Grid 1 M4 30.86 dBV/m	Grid 2 M4 32.71 dBV/m	Grid 3 M4 32.71 dBV/m
Grid 4 M4 32.61 dBV/m	Grid 5 M4 33.84 dBV/m	Grid 6 M4 33.78 dBV/m
Grid 7 M4 34.24 dBV/m	Grid 8 M4 34.82 dBV/m	Grid 9 M4 34.57 dBV/m

Cursor:

Total = 34.82 dBV/m

E Category: M4

Location: -3.5, 25, 8.7 mm



0 dB = 55.09 V/m = 34.82 dBV/m

#03_HAC_E_GSM850_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 : 23.3 °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 = 34.48 V/m; Power Drift = -0.02 dB

Applied MIF = 3.63 dB

RF audio interference level = 34.30 dBV/m

Emission category: M4

MIF scaled E-field

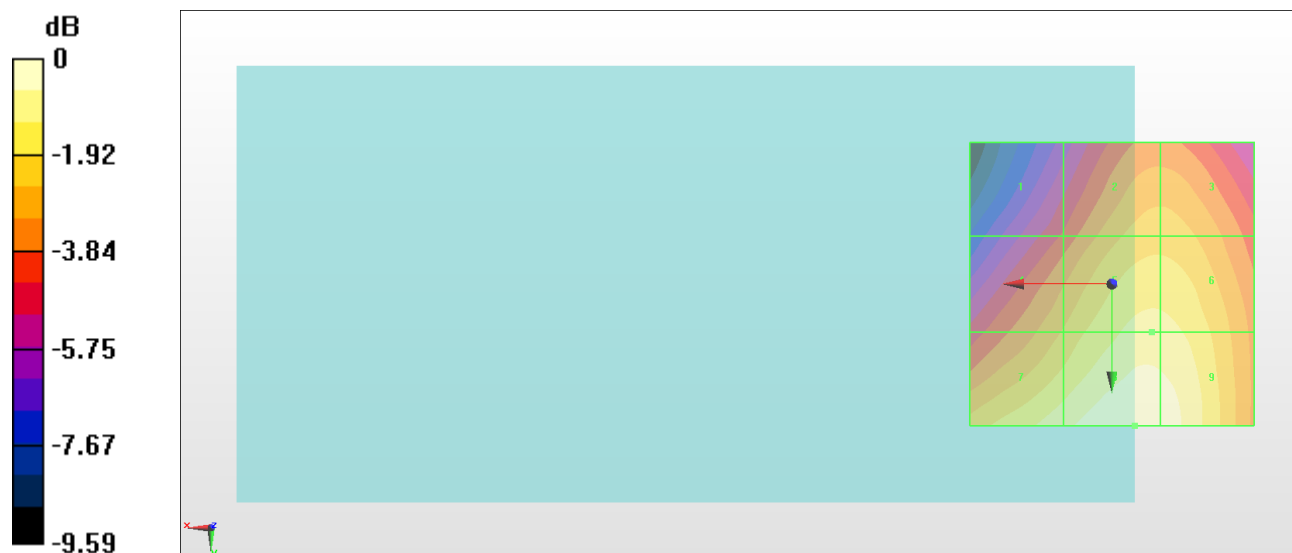
Grid 1 M4 29.99 dBV/m	Grid 2 M4 32.13 dBV/m	Grid 3 M4 32.13 dBV/m
Grid 4 M4 31.84 dBV/m	Grid 5 M4 33.3 dBV/m	Grid 6 M4 33.28 dBV/m
Grid 7 M4 33.51 dBV/m	Grid 8 M4 34.3 dBV/m	Grid 9 M4 34.11 dBV/m

Cursor:

Total = 34.30 dBV/m

E Category: M4

Location: -4, 25, 8.7 mm



0 dB = 51.89 V/m = 34.30 dBV/m

#04_HAC_E_GSM1900_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 : 23.3 °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 = 10.98 V/m; Power Drift = 0.04 dB

Applied MIF = 3.63 dB

RF audio interference level = 24.54 dBV/m

Emission category: M4

MIF scaled E-field

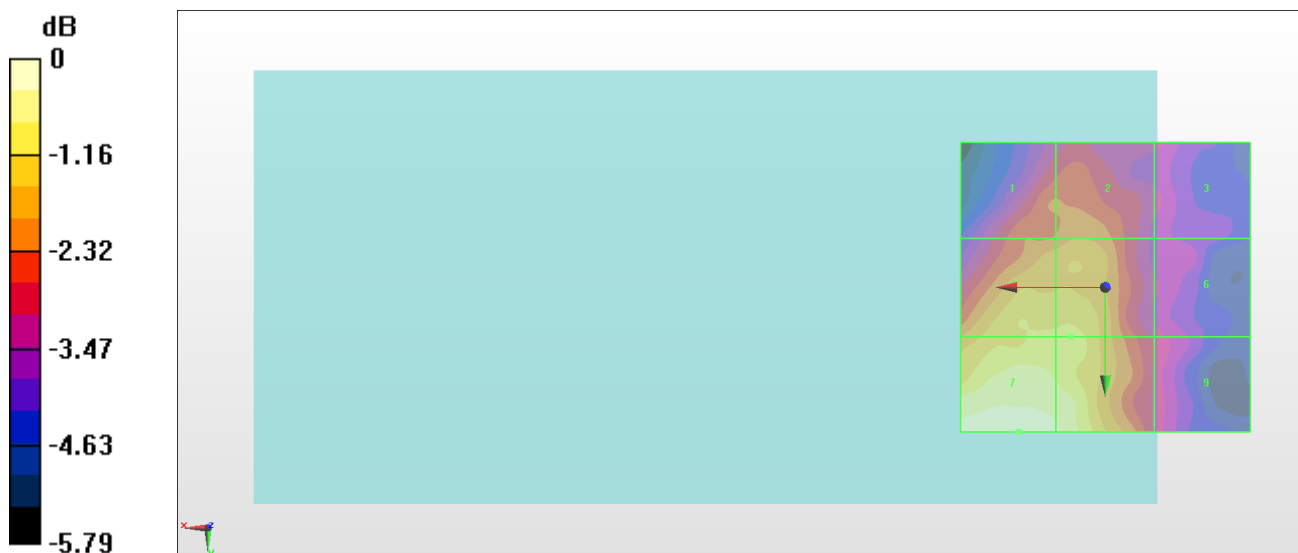
Grid 1 M4 22.33 dBV/m	Grid 2 M4 22.61 dBV/m	Grid 3 M4 21.25 dBV/m
Grid 4 M4 23.51 dBV/m	Grid 5 M4 23.58 dBV/m	Grid 6 M4 21.36 dBV/m
Grid 7 M4 24.54 dBV/m	Grid 8 M4 24.27 dBV/m	Grid 9 M4 21.49 dBV/m

Cursor:

Total = 24.54 dBV/m

E Category: M4

Location: 15, 25, 8.7 mm



0 dB = 16.87 V/m = 24.54 dBV/m

#05_HAC_E_GSM1900_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 : 23.3 °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 = 11.39 V/m; Power Drift = 0.01 dB

Applied MIF = 3.63 dB

RF audio interference level = 24.60 dBV/m

Emission category: M4

MIF scaled E-field

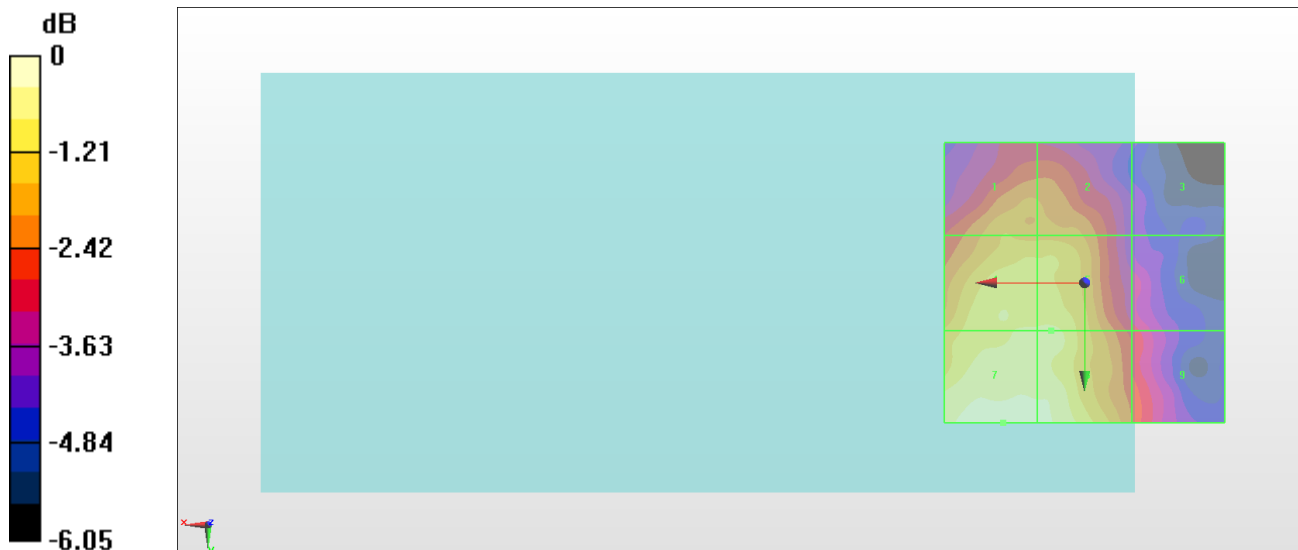
Grid 1 M4 23.01 dBV/m	Grid 2 M4 22.86 dBV/m	Grid 3 M4 20.66 dBV/m
Grid 4 M4 23.86 dBV/m	Grid 5 M4 23.93 dBV/m	Grid 6 M4 21.61 dBV/m
Grid 7 M4 24.6 dBV/m	Grid 8 M4 24.4 dBV/m	Grid 9 M4 22.15 dBV/m

Cursor:

Total = 24.60 dBV/m

E Category: M4

Location: 14.5, 25, 8.7 mm



0 dB = 16.99 V/m = 24.60 dBV/m

#06_HAC_E_GSM1900_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 : 23.3 °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 = 11.93 V/m; Power Drift = 0.13 dB

Applied MIF = 3.63 dB

RF audio interference level = 25.38 dBV/m

Emission category: M4

MIF scaled E-field

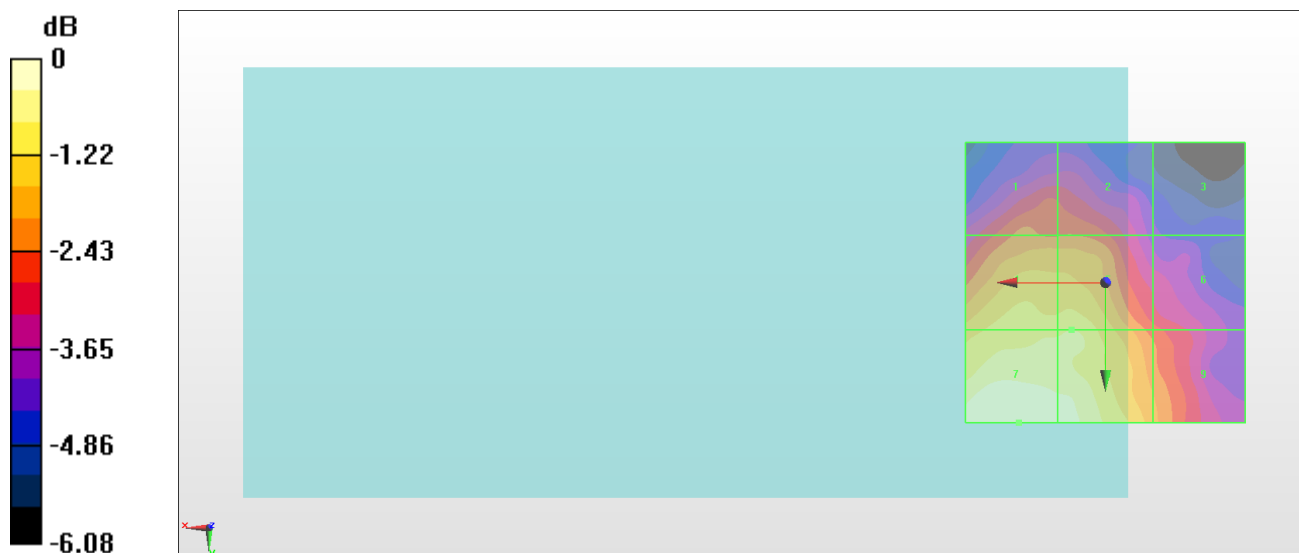
Grid 1 M4 23.11 dBV/m	Grid 2 M4 22.98 dBV/m	Grid 3 M4 21.15 dBV/m
Grid 4 M4 24.48 dBV/m	Grid 5 M4 24.57 dBV/m	Grid 6 M4 22.75 dBV/m
Grid 7 M4 25.38 dBV/m	Grid 8 M4 25.2 dBV/m	Grid 9 M4 23.51 dBV/m

Cursor:

Total = 25.38 dBV/m

E Category: M4

Location: 15.5, 25, 8.7 mm



0 dB = 18.57 V/m = 25.38 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 : 23.3 °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 = 9.515 V/m; Power Drift = 0.09 dB

Applied MIF = -1.62 dB

RF audio interference level = 23.86 dBV/m

Emission category: M4

MIF scaled E-field

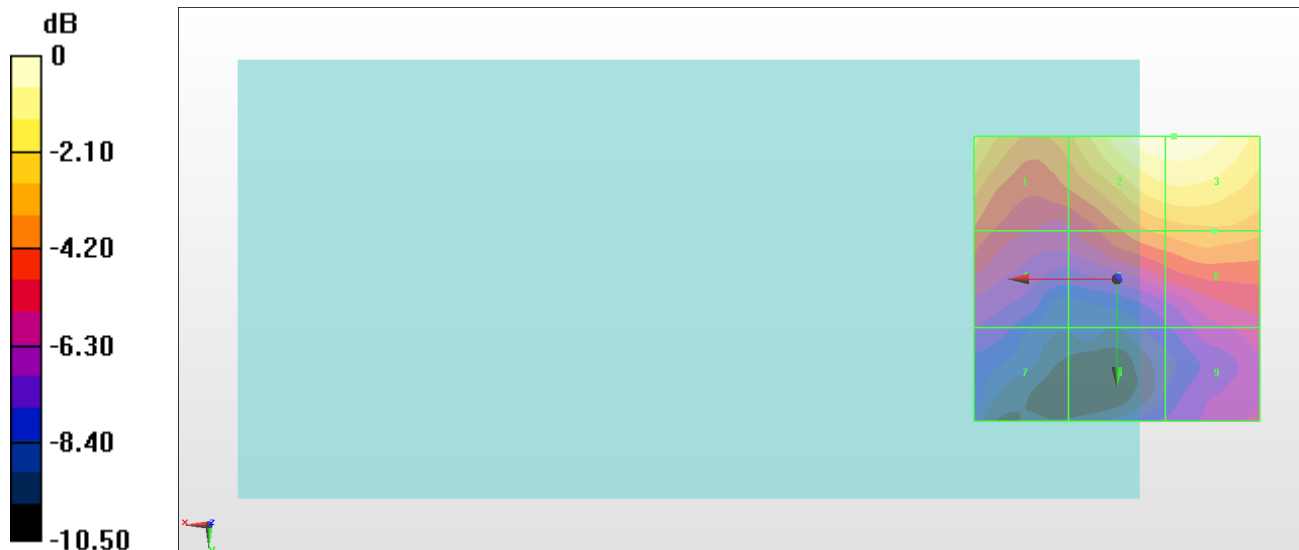
Grid 1 M4 22.11 dBV/m	Grid 2 M4 23.85 dBV/m	Grid 3 M4 23.86 dBV/m
Grid 4 M4 19.58 dBV/m	Grid 5 M4 20.61 dBV/m	Grid 6 M4 20.95 dBV/m
Grid 7 M4 16.94 dBV/m	Grid 8 M4 16.42 dBV/m	Grid 9 M4 18.1 dBV/m

Cursor:

Total = 23.86 dBV/m

E Category: M4

Location: -10, -25, 8.7 mm



0 dB = 15.60 V/m = 23.86 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 : 23.3 °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 = 10.00 V/m; Power Drift = -0.07 dB

Applied MIF = -1.62 dB

RF audio interference level = 21.90 dBV/m

Emission category: M4

MIF scaled E-field

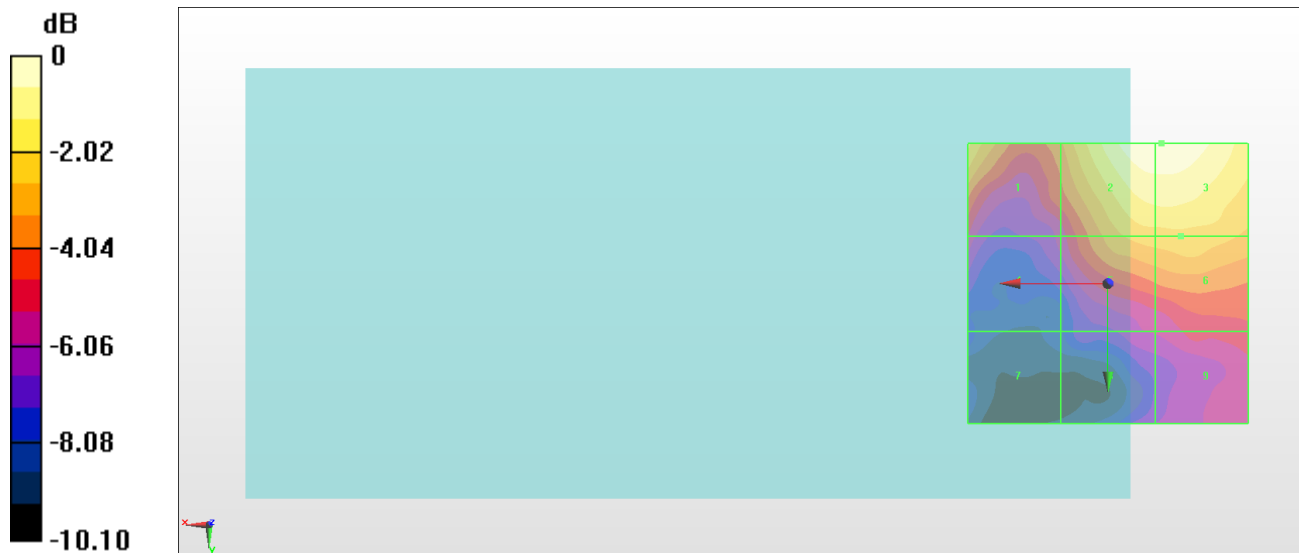
Grid 1 M4 20.08 dBV/m	Grid 2 M4 21.89 dBV/m	Grid 3 M4 21.9 dBV/m
Grid 4 M4 16.5 dBV/m	Grid 5 M4 19.6 dBV/m	Grid 6 M4 19.72 dBV/m
Grid 7 M4 14.19 dBV/m	Grid 8 M4 15.95 dBV/m	Grid 9 M4 17.04 dBV/m

Cursor:

Total = 21.90 dBV/m

E Category: M4

Location: -9.5, -25, 8.7 mm



0 dB = 12.44 V/m = 21.90 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 : 23.3 °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 = 13.13 V/m; Power Drift = -0.14 dB

Applied MIF = -1.62 dB

RF audio interference level = 24.42 dBV/m

Emission category: M4

MIF scaled E-field

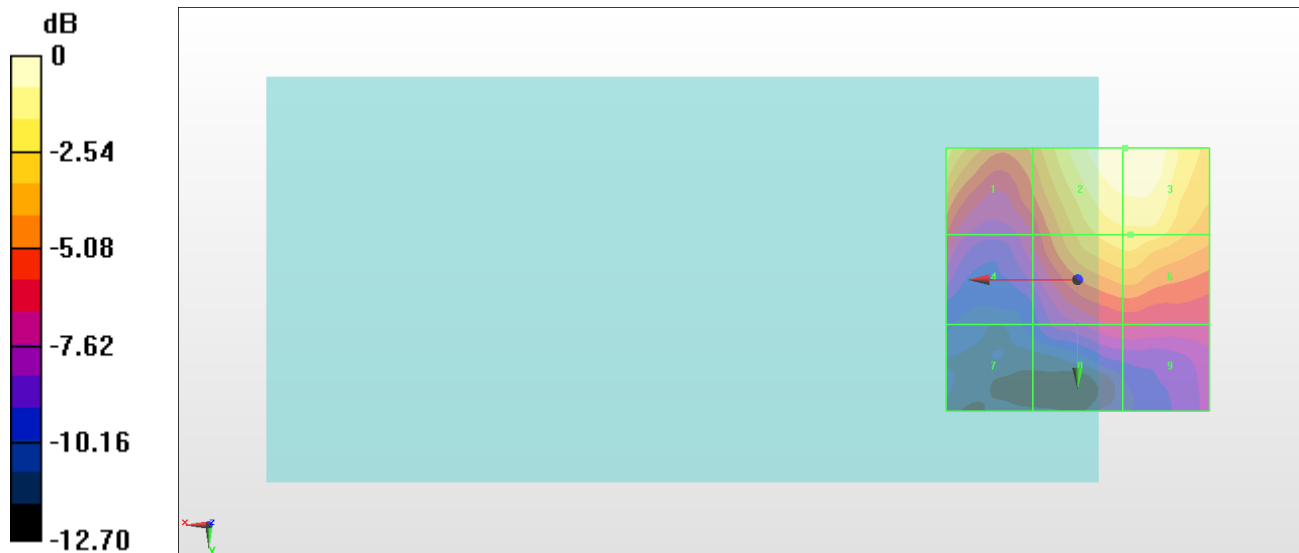
Grid 1 M4 22.48 dBV/m	Grid 2 M4 24.41 dBV/m	Grid 3 M4 24.42 dBV/m
Grid 4 M4 18.5 dBV/m	Grid 5 M4 22.41 dBV/m	Grid 6 M4 22.43 dBV/m
Grid 7 M4 14.79 dBV/m	Grid 8 M4 17.8 dBV/m	Grid 9 M4 17.84 dBV/m

Cursor:

Total = 24.42 dBV/m

E Category: M4

Location: -9, -25, 8.7 mm



0 dB = 16.63 V/m = 24.42 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 : 23.3 °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 = 9.259 V/m; Power Drift = -0.06 dB

Applied MIF = -1.62 dB

RF audio interference level = 21.92 dBV/m

Emission category: M4

MIF scaled E-field

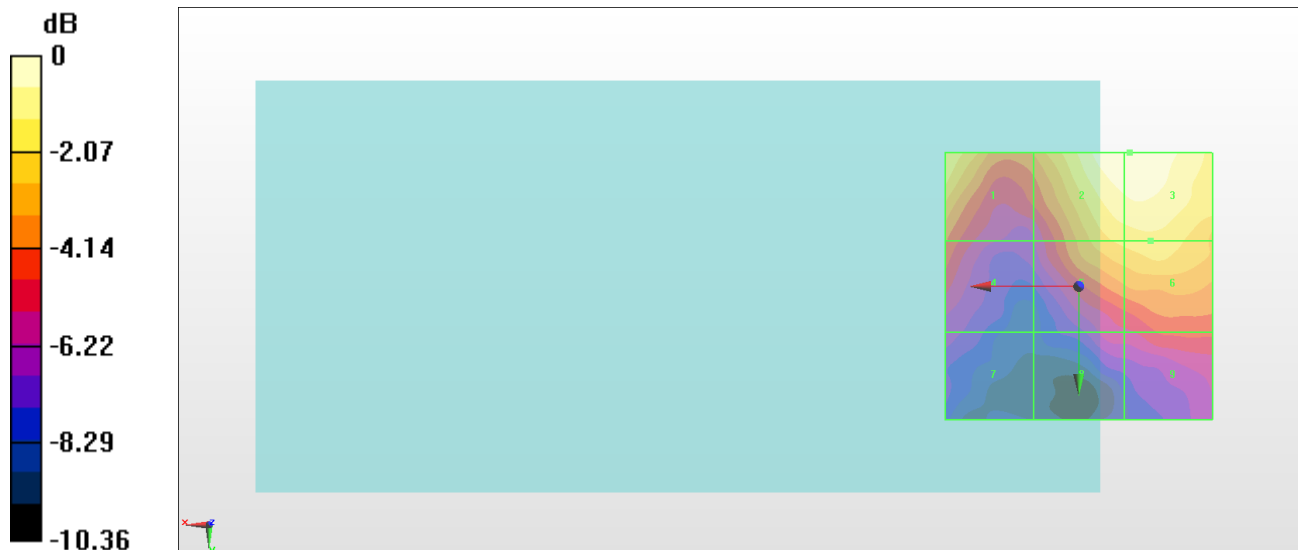
Grid 1 M4 20.59 dBV/m	Grid 2 M4 21.92 dBV/m	Grid 3 M4 21.92 dBV/m
Grid 4 M4 17.89 dBV/m	Grid 5 M4 20.04 dBV/m	Grid 6 M4 20.31 dBV/m
Grid 7 M4 15.48 dBV/m	Grid 8 M4 16.25 dBV/m	Grid 9 M4 17.32 dBV/m

Cursor:

Total = 21.92 dBV/m

E Category: M4

Location: -9.5, -25, 8.7 mm



#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 : 23.3 °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 = 9.278 V/m; Power Drift = 0.03 dB

Applied MIF = -1.62 dB

RF audio interference level = 23.03 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.88 dBV/m	Grid 2 M4 23.02 dBV/m	Grid 3 M4 23.03 dBV/m
Grid 4 M4 19.24 dBV/m	Grid 5 M4 20.7 dBV/m	Grid 6 M4 21.05 dBV/m
Grid 7 M4 16.8 dBV/m	Grid 8 M4 17.03 dBV/m	Grid 9 M4 17.94 dBV/m

Cursor:

Total = 23.03 dBV/m

E Category: M4

Location: -10, -25, 8.7 mm

