#01_HAC_E_GSM850_GSM Voice_Ch128

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 824.2 MHz; Duty Cycle: 1:8.3

Date: 2017/8/8

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 ℃

DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2017/1/19;

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn778; Calibrated: 2017/5/22

- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;

- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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 = 48.57 V/m; Power Drift = -0.00 dB

Applied MIF = 3.63 dB

RF audio interference level = 36.17 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 34.31 dBV/m		Grid 3 M4
34.31 ub v/III	35.49 UD V/III	35.49 UD V/III
Grid 4 M4	Grid 5 M4	Grid 6 M4
34.81 dBV/m	36.03 dBV/m	36.03 dBV/m
Grid 7 M4	Grid 8 M4	Grid 9 M4
35.31 dBV/m	36.17 dBV/m	36.16 dBV/m

Cursor:

Total = 36.17 dBV/m E Category: M4 Location: -7.5, 19, 8.7 mm



0 dB = 64.31 V/m = 36.17 dBV/m

#02_HAC_E_GSM850_GSM Voice_Ch189

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 836.4 MHz; Duty Cycle: 1:8.3

Date: 2017/8/8

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 ℃

DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2017/1/19;

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn778; Calibrated: 2017/5/22

- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;

- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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 = 56.73 V/m; Power Drift = -0.00 dB

Applied MIF = 3.63 dB

RF audio interference level = 37.46 dBV/m

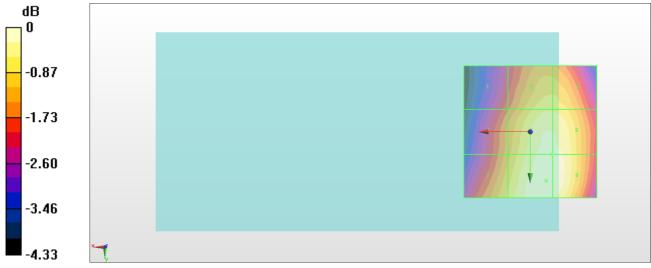
Emission category: M4

MIF scaled E-field

		Grid 3 M4
35.69 dBV/m	36.84 dBV/m	36.83 dBV/m
Grid 4 M4	Grid 5 M4	Grid 6 M4
36.2 dBV/m	37.34 dBV/m	37.34 dBV/m
Grid 7 M4	Grid 8 M4	Grid 9 M4
36.68 dBV/m	37.46 dBV/m	37.44 dBV/m

Cursor:

Total = 37.46 dBV/m E Category: M4 Location: -6, 18.5, 8.7 mm



0 dB = 74.68 V/m = 37.46 dBV/m

#03_HAC_E_GSM850_GSM Voice_Ch251

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 848.8 MHz; Duty Cycle: 1:8.3

Date: 2017/8/8

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 ℃

DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2017/1/19;

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn778; Calibrated: 2017/5/22

- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;

- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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 = 58.56 V/m; Power Drift = 0.01 dB

Applied MIF = 3.63 dB

RF audio interference level = 37.95 dBV/m

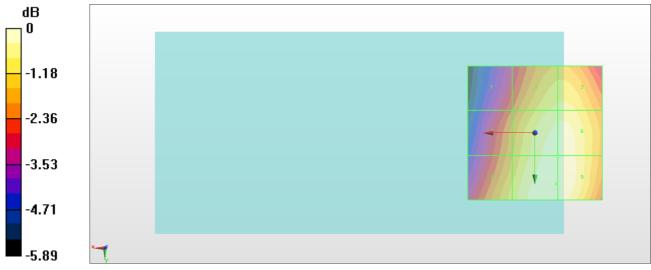
Emission category: M4

MIF scaled E-field

Grid 1 M4	Grid 2 M4	Grid 3 M4
35.61 dBV/m	37.33 dBV/m	37.34 dBV/m
Grid 4 M4	Grid 5 M4	Grid 6 M4
36.35 dBV/m	37.83 dBV/m	37.84 dBV/m
Grid 7 M4	Grid 8 M4	Grid 9 M4
36.96 dBV/m	37.95 dBV/m	37.95 dBV/m

Cursor:

Total = 37.95 dBV/m E Category: M4 Location: -8, 19, 8.7 mm



0 dB = 79.00 V/m = 37.95 dBV/m

#04_HAC_E_GSM1900_GSM Voice_Ch512

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Date: 2017/8/8

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 ℃

DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2017/1/19;

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn778; Calibrated: 2017/5/22

- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;

- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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 = 9.220 V/m; Power Drift = 0.16 dB

Applied MIF = 3.63 dB

RF audio interference level = 32.14 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M3 30.29 dBV/m	Grid 3 M3 32.06 dBV/m
Grid 4 M4 24.27 dBV/m	Grid 6 M4 26.72 dBV/m
Grid 7 M4 27.61 dBV/m	Grid 9 M4 28.45 dBV/m

Cursor:

Total = 32.14 dBV/m E Category: M3 Location: -5.5, -25, 8.7 mm



0 dB = 40.46 V/m = 32.14 dBV/m

#05 HAC E GSM1900 GSM Voice Ch661

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz; Duty Cycle: 1:8.3

Date: 2017/8/8

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 ℃

DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2017/1/19;

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn778; Calibrated: 2017/5/22

- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;

- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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 = 13.71 V/m; Power Drift = -0.09 dB

Applied MIF = 3.63 dB

RF audio interference level = 32.57 dBV/m

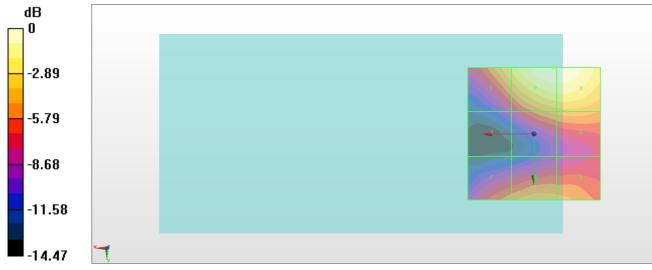
Emission category: M3

MIF scaled E-field

Grid 1 M3 30.02 dBV/m	Grid 3 M3 32.56 dBV/m
Grid 4 M4 24.25 dBV/m	Grid 6 M4 28.44 dBV/m
Grid 7 M4 27.53 dBV/m	Grid 9 M4 28.18 dBV/m

Cursor:

Total = 32.57 dBV/m E Category: M3 Location: -7.5, -25, 8.7 mm



0 dB = 42.49 V/m = 32.57 dBV/m

#06_HAC_E_GSM1900_GSM Voice_Ch810

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

Date: 2017/8/8

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 ℃

DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2017/1/19;

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn778; Calibrated: 2017/5/22

- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;

- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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 = 13.83 V/m; Power Drift = 0.02 dB

Applied MIF = 3.63 dB

RF audio interference level = 33.33 dBV/m

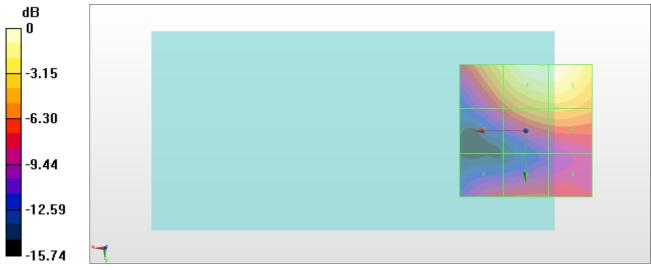
Emission category: M3

MIF scaled E-field

Grid 1 M3 31.11 dBV/m	Grid 3 M3 33.31 dBV/m
Grid 4 M4 26.27 dBV/m	Grid 6 M4 29.59 dBV/m
Grid 7 M4 25.78 dBV/m	Grid 9 M4 26.21 dBV/m

Cursor:

Total = 33.33 dBV/m E Category: M3 Location: -6.5, -25, 8.7 mm



0 dB = 46.41 V/m = 33.33 dBV/m