#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, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3

Ambient Temperature：23.3 ℃

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 = 51.08 V/m; Power Drift = -0.01 dB

Applied MIF = 3.63 dB

RF audio interference level = 35.94 dBV/m
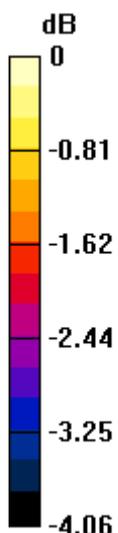
Emission category: M4

MIF scaled E-field

Grid 1 **M4**	Grid 2 **M4**	Grid 3 **M4**
34.37 dBV/m	**35.76 dBV/m**	**35.69 dBV/m**
Grid 4 **M4**	Grid 5 **M4**	Grid 6 **M4**
34.61 dBV/m	**35.94 dBV/m**	**35.89 dBV/m**
Grid 7 **M4**	Grid 8 **M4**	Grid 9 **M4**
34.67 dBV/m	**35.84 dBV/m**	**35.8 dBV/m**

Cursor:
Total = 35.94 dBV/m
E Category: M4
Location: -6, -3, 8.7 mm

0 dB = 62.67 V/m = 35.94 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, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3

Ambient Temperature：23.3 ℃

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 = 49.85 V/m; Power Drift = -0.05 dB

Applied MIF = 3.63 dB

RF audio interference level = 35.72 dBV/m

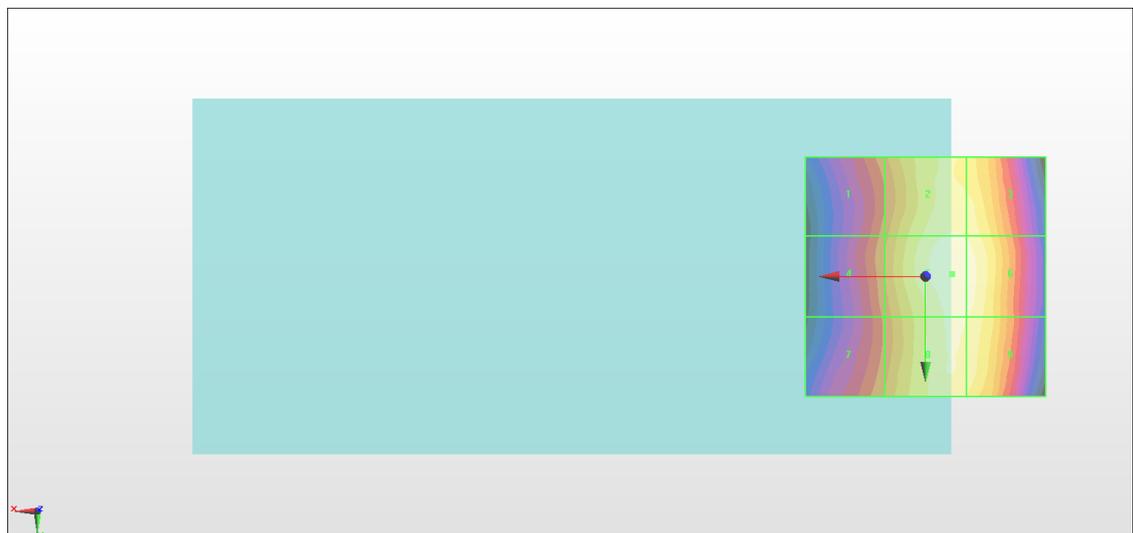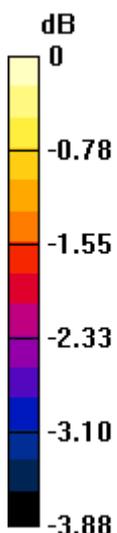**Emission category: M4**

MIF scaled E-field

Grid 1 **M4**	Grid 2 **M4**	Grid 3 **M4**
34.38 dBV/m	**35.49 dBV/m**	**35.45 dBV/m**
Grid 4 **M4**	Grid 5 **M4**	Grid 6 **M4**
34.44 dBV/m	**35.72 dBV/m**	**35.64 dBV/m**
Grid 7 **M4**	Grid 8 **M4**	Grid 9 **M4**
34.47 dBV/m	**35.52 dBV/m**	**35.48 dBV/m**

Cursor:
Total = 35.72 dBV/m
E Category: M4
Location: -5.5, -0.5, 8.7 mm

0 dB = 61.10 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, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3

Ambient Temperature：23.3 ℃

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 = 42.72 V/m; Power Drift = -0.05 dB

Applied MIF = 3.63 dB

RF audio interference level = 34.56 dBV/m

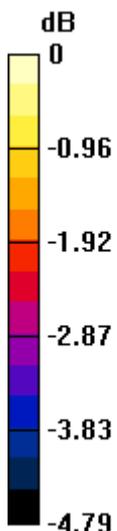**Emission category: M4**

MIF scaled E-field

Grid 1 **M4** **32.73 dBV/m**	Grid 2 **M4** **34.41 dBV/m**	Grid 3 **M4** **34.4 dBV/m**
Grid 4 **M4** **32.83 dBV/m**	Grid 5 **M4** **34.56 dBV/m**	Grid 6 **M4** **34.54 dBV/m**
Grid 7 **M4** **32.79 dBV/m**	Grid 8 **M4** **34.36 dBV/m**	Grid 9 **M4** **34.35 dBV/m**

Cursor:
Total = 34.56 dBV/m
E Category: M4
Location: -7.5, -1.5, 8.7 mm

0 dB = 53.45 V/m = 34.56 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, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3

Ambient Temperature：23.3 ℃

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 = 27.22 V/m; Power Drift = -0.07 dB

Applied MIF = 3.63 dB

RF audio interference level = 31.93 dBV/m

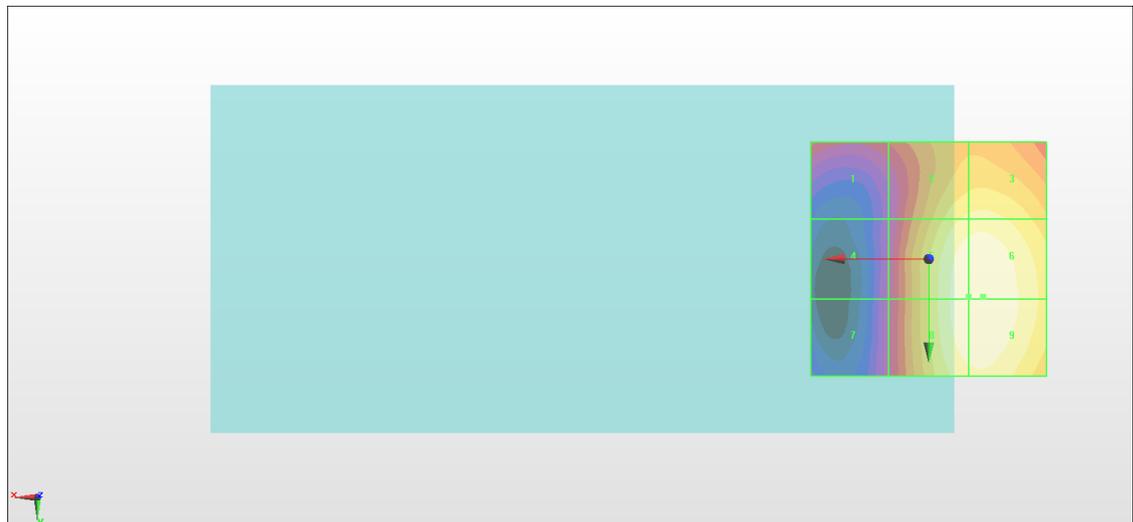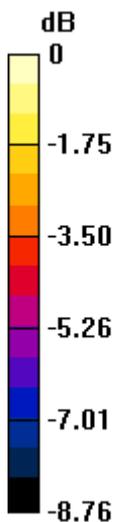**Emission category: M3**

MIF scaled E-field

Grid 1 **M4** **28.11 dBV/m**	Grid 2 **M3** **30.93 dBV/m**	Grid 3 **M3** **31.03 dBV/m**
Grid 4 **M4** **27 dBV/m**	Grid 5 **M3** **31.84 dBV/m**	Grid 6 **M3** **31.93 dBV/m**
Grid 7 **M4** **27.07 dBV/m**	Grid 8 **M3** **31.84 dBV/m**	Grid 9 **M3** **31.93 dBV/m**

Cursor:
Total = 31.93 dBV/m
E Category: M3
Location: -11.5, 8, 8.7 mm

0 dB = 39.51 V/m = 31.93 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, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3

Ambient Temperature：23.3 ℃

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 = 31.44 V/m; Power Drift = -0.00 dB

Applied MIF = 3.63 dB

RF audio interference level = 33.34 dBV/m

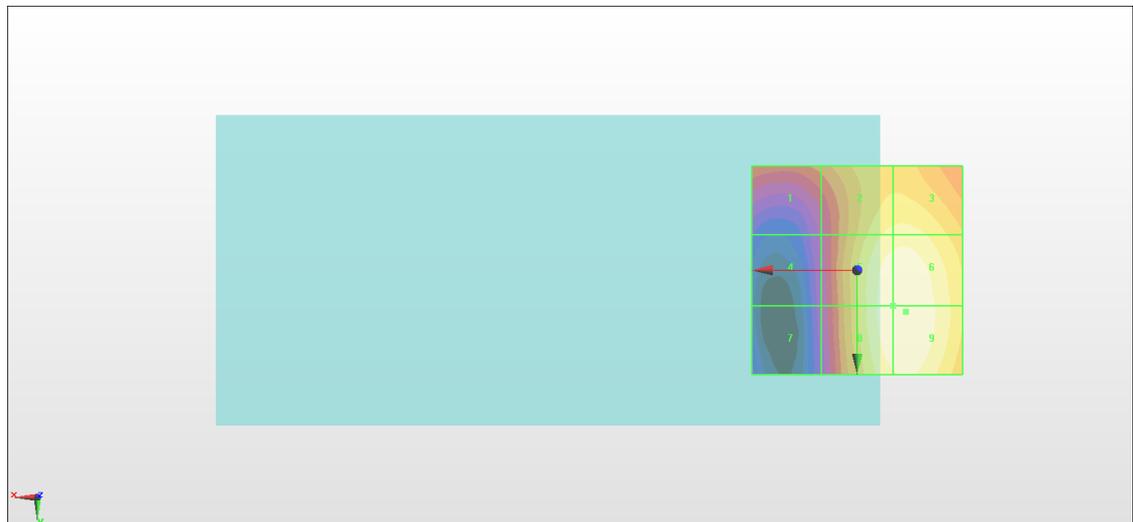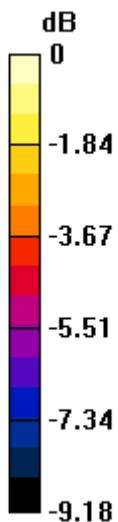**Emission category: M3**

MIF scaled E-field

Grid 1 **M3** **30 dBV/m**	Grid 2 **M3** **32.34 dBV/m**	Grid 3 **M3** **32.41 dBV/m**
Grid 4 **M4** **28.15 dBV/m**	Grid 5 **M3** **33.23 dBV/m**	Grid 6 **M3** **33.33 dBV/m**
Grid 7 **M4** **27.81 dBV/m**	Grid 8 **M3** **33.23 dBV/m**	Grid 9 **M3** **33.34 dBV/m**

Cursor:
Total = 33.34 dBV/m
E Category: M3
Location: -11.5, 10, 8.7 mm

0 dB = 46.44 V/m = 33.34 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, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3

Ambient Temperature：23.3 ℃

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 = 29.32 V/m; Power Drift = 0.03 dB

Applied MIF = 3.63 dB

RF audio interference level = 32.82 dBV/m

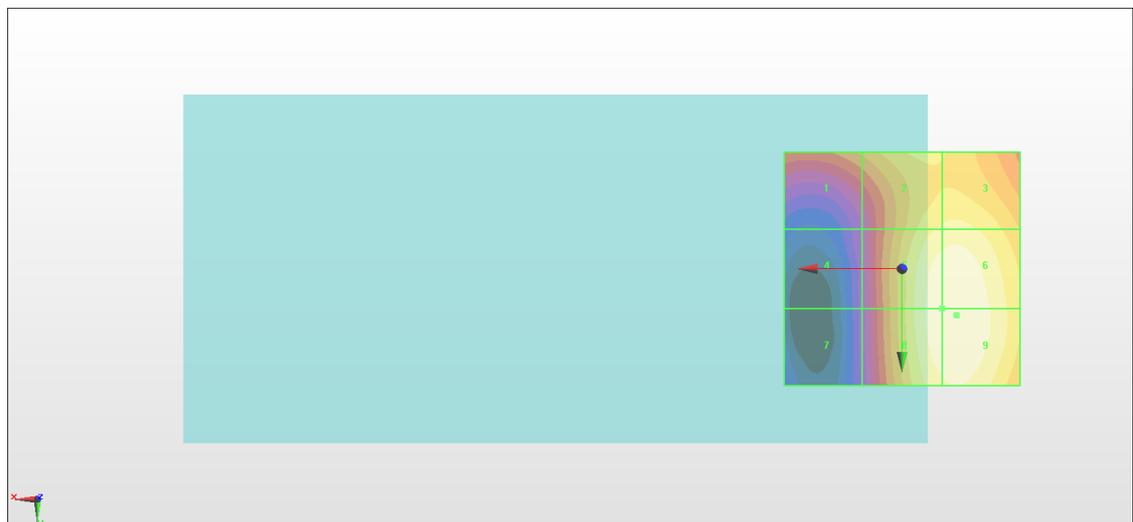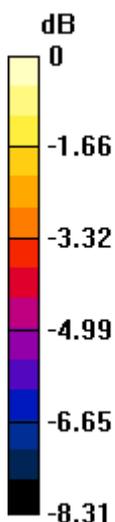**Emission category: M3**

MIF scaled E-field

Grid 1 **M3**	Grid 2 **M3**	Grid 3 **M3**
30.23 dBV/m	**31.84 dBV/m**	**31.93 dBV/m**
Grid 4 **M4**	Grid 5 **M3**	Grid 6 **M3**
27.93 dBV/m	**32.7 dBV/m**	**32.81 dBV/m**
Grid 7 **M4**	Grid 8 **M3**	Grid 9 **M3**
27.59 dBV/m	**32.7 dBV/m**	**32.82 dBV/m**

Cursor:
Total = 32.82 dBV/m
E Category: M3
Location: -11.5, 10, 8.7 mm

0 dB = 43.76 V/m = 32.82 dBV/m

#07_HAC_E_LTE Band 41_20M_QPSK_1_0_Ch40140

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 2545 MHz;Duty Cycle: 1:8.33681

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3

Ambient Temperature：23.3 ℃

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 = 10.49 V/m; Power Drift = -0.13 dB
Applied MIF = -1.62 dB
RF audio interference level = 21.72 dBV/m
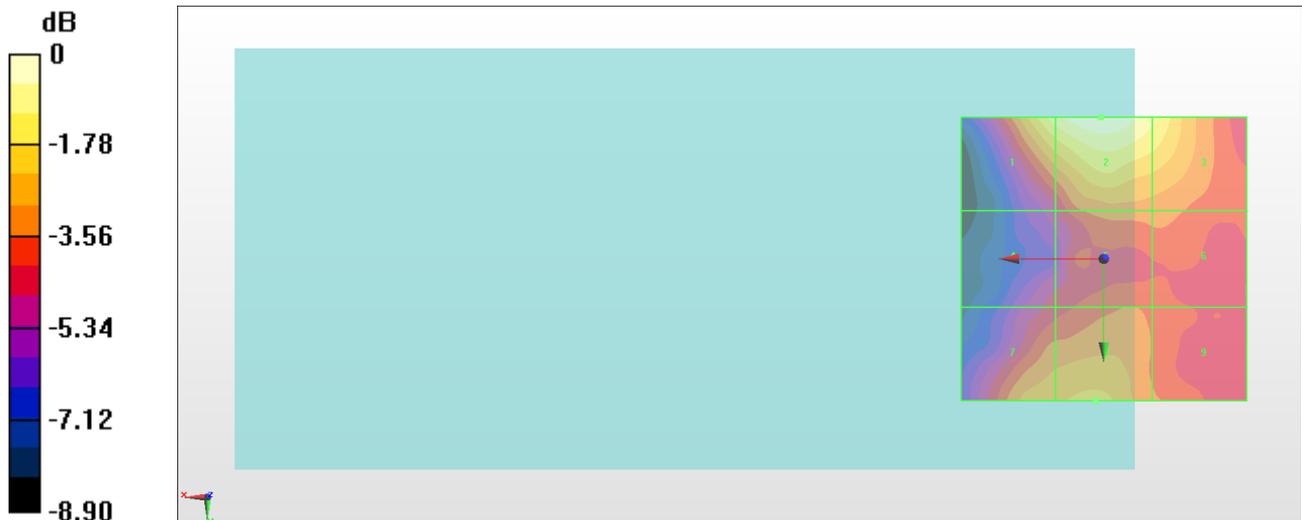**Emission category: M4**

MIF scaled E-field

Grid 1 **M4** **20.9 dBV/m**	Grid 2 **M4** **21.72 dBV/m**	Grid 3 **M4** **20.69 dBV/m**
Grid 4 **M4** **17.3 dBV/m**	Grid 5 **M4** **18.52 dBV/m**	Grid 6 **M4** **18.45 dBV/m**
Grid 7 **M4** **19.2 dBV/m**	Grid 8 **M4** **19.6 dBV/m**	Grid 9 **M4** **18.33 dBV/m**

Cursor:
Total = 21.72 dBV/m
E Category: M4
Location: 0.5, -25, 8.7 mm

0 dB = 12.19 V/m = 21.72 dBV/m

#08_HAC_E_LTE Band 41_20M_QPSK_1_0_Ch40440

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 2571 MHz;Duty Cycle: 1:8.33681

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3

Ambient Temperature：23.3 ℃

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 = 9.904 V/m; Power Drift = 0.18 dB
Applied MIF = -1.62 dB
RF audio interference level = 21.80 dBV/m
Emission category: M4
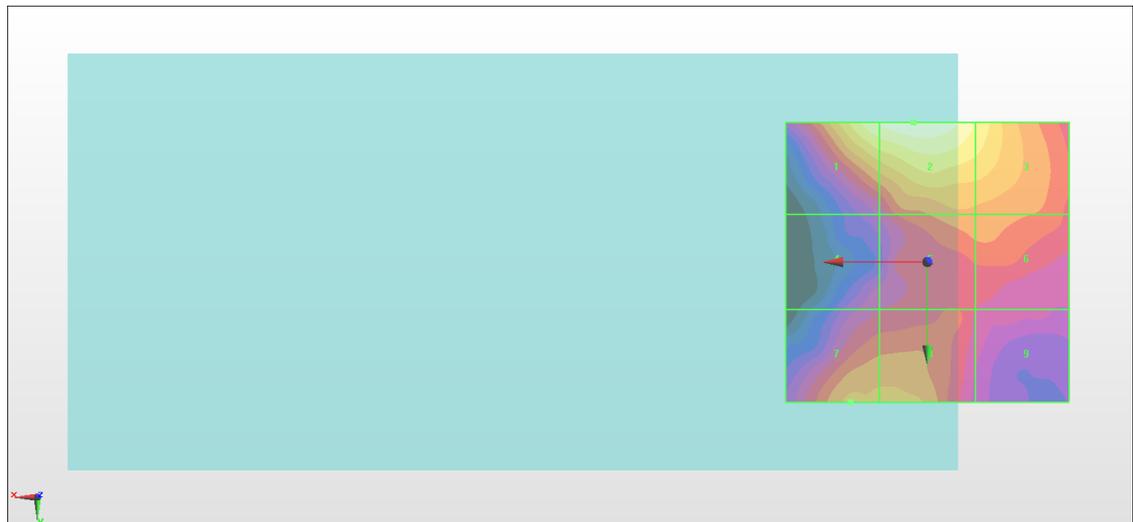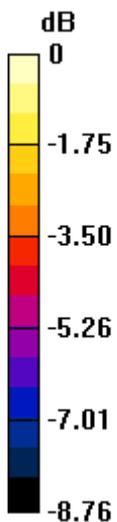
MIF scaled E-field

Grid 1 **M4** **21.42 dBV/m**	Grid 2 **M4** **21.8 dBV/m**	Grid 3 **M4** **20.62 dBV/m**
Grid 4 **M4** **17.15 dBV/m**	Grid 5 **M4** **18.77 dBV/m**	Grid 6 **M4** **18.75 dBV/m**
Grid 7 **M4** **19.05 dBV/m**	Grid 8 **M4** **19.03 dBV/m**	Grid 9 **M4** **17.14 dBV/m**

Cursor:
Total = 21.80 dBV/m
E Category: M4
Location: 2.5, -25, 8.7 mm

0 dB = 12.31 V/m = 21.81 dBV/m

#09_HAC_E_LTE Band 41_20M_QPSK_1_0_Ch40670

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 2598 MHz;Duty Cycle: 1:8.33681

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3

Ambient Temperature：23.3 ℃

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 = 9.810 V/m; Power Drift = -0.15 dB
Applied MIF = -1.62 dB
RF audio interference level = 20.86 dBV/m
Emission category: M4
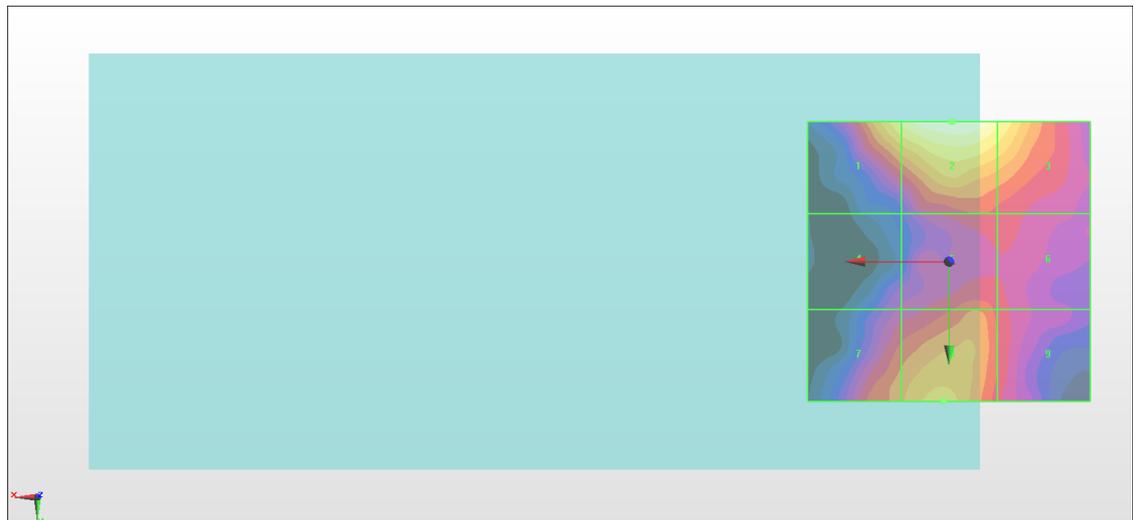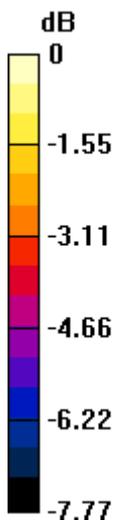
MIF scaled E-field

Grid 1 **M4**	Grid 2 **M4**	Grid 3 **M4**
19.98 dBV/m	**20.86 dBV/m**	**20 dBV/m**
Grid 4 **M4**	Grid 5 **M4**	Grid 6 **M4**
16.39 dBV/m	**17.72 dBV/m**	**17.11 dBV/m**
Grid 7 **M4**	Grid 8 **M4**	Grid 9 **M4**
18.16 dBV/m	**19.1 dBV/m**	**17.31 dBV/m**

Cursor:
Total = 20.86 dBV/m
E Category: M4
Location: -0.5, -25, 8.7 mm

0 dB = 11.04 V/m = 20.86 dBV/m

#10_HAC_E_LTE Band 41_20M_QPSK_1_0_Ch41140

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 2645 MHz;Duty Cycle: 1:8.33681

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3

Ambient Temperature：23.3 ℃

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 = 10.63 V/m; Power Drift = 0.01 dB
Applied MIF = -1.62 dB
RF audio interference level = 22.64 dBV/m
Emission category: M4
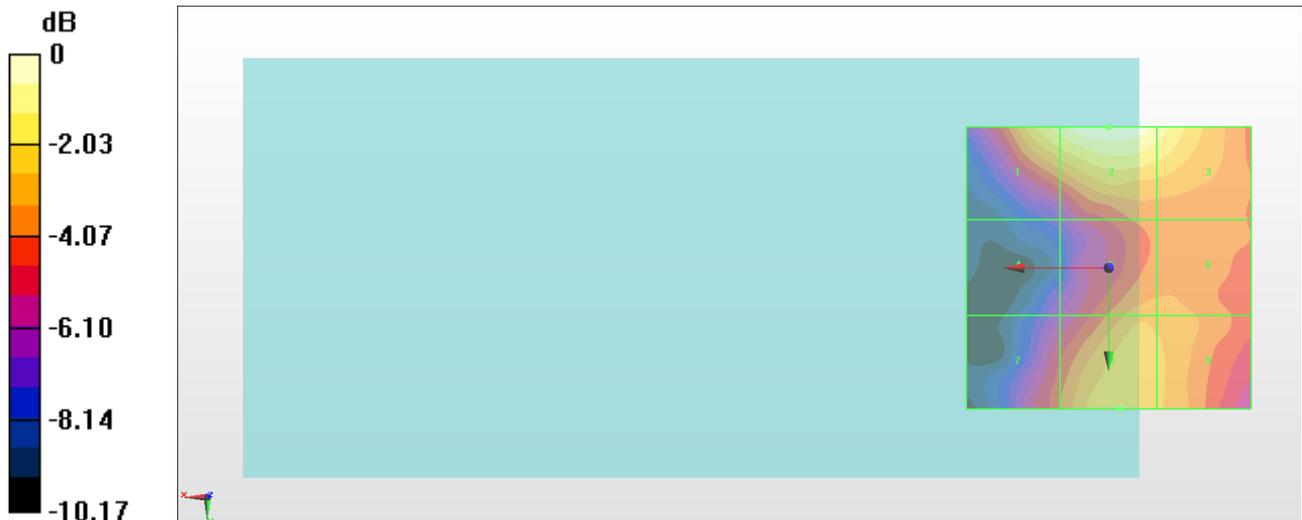
MIF scaled E-field

Grid 1 **M4**	Grid 2 **M4**	Grid 3 **M4**
21.79 dBV/m	**22.64 dBV/m**	**21.75 dBV/m**
Grid 4 **M4**	Grid 5 **M4**	Grid 6 **M4**
16.59 dBV/m	**19.75 dBV/m**	**19.64 dBV/m**
Grid 7 **M4**	Grid 8 **M4**	Grid 9 **M4**
18.56 dBV/m	**20.65 dBV/m**	**20.14 dBV/m**

Cursor:
Total = 22.64 dBV/m
E Category: M4
Location: 0, -25, 8.7 mm

0 dB = 13.55 V/m = 22.64 dBV/m