#01_HAC_E_GSM850_GSM Voice_Ch128

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 824.2 MHz;Duty Cycle: 1:8.3
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 1000$ kg/m^3
Ambient Temperature：23.2 ℃

DASY5 Configuration
- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2016/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2015/5/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch128/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 = 54.45 V/m; Power Drift = 0.01 dB
Applied MIF = 3.63 dB
RF audio interference level = 36.50 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **35.73 dBV/m**	Grid 2 **M4** **36.37 dBV/m**	Grid 3 **M4** **36.25 dBV/m**
Grid 4 **M4** **35.45 dBV/m**	Grid 5 **M4** **36.5 dBV/m**	Grid 6 **M4** **36.34 dBV/m**
Grid 7 **M4** **34.9 dBV/m**	Grid 8 **M4** **36.01 dBV/m**	Grid 9 **M4** **35.92 dBV/m**

Cursor:
Total = 36.50 dBV/m
E Category: M4
Location: -4.5, -5, 8.7 mm

0 dB = 66.80 V/m = 36.50 dBV/m

#02_HAC_E_GSM1900_GSM Voice_Ch810

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 1909.8 MHz;Duty Cycle: 1:8.3
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 1000$ kg/m^3
Ambient Temperature：23.2 ℃

DASY5 Configuration
- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2016/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2015/5/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch810/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 = 32.52 V/m; Power Drift = 0.05 dB
Applied MIF = 3.63 dB
RF audio interference level = 33.94 dBV/m
Emission category: M3

MIF scaled E-field

Grid 1 **M4** **29.97 dBV/m**	Grid 2 **M3** **33.1 dBV/m**	Grid 3 **M3** **33.15 dBV/m**
Grid 4 **M4** **27.9 dBV/m**	Grid 5 **M3** **33.81 dBV/m**	Grid 6 **M3** **33.94 dBV/m**
Grid 7 **M4** **27.83 dBV/m**	Grid 8 **M3** **33.8 dBV/m**	Grid 9 **M3** **33.94 dBV/m**

Cursor:
Total = 33.94 dBV/m
E Category: M3
Location: -11.5, -4.5, 8.7 mm

0 dB = 49.76 V/m = 33.94 dBV/m

#03_HAC_E_CDMA BC0_1xRTT, RC1 SO3, 18th Rate_Ch1013

Communication System: CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 824.7 MHz;Duty Cycle: 1:8.3
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 1000$ kg/m^3
Ambient Temperature：23.2 ℃

DASY5 Configuration
- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2016/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2015/5/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch1013/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 = 88.19 V/m; Power Drift = -0.01 dB
Applied MIF = 3.26 dB
RF audio interference level = 39.63 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **39 dBV/m**	Grid 2 **M4** **39.37 dBV/m**	Grid 3 **M4** **39.07 dBV/m**
Grid 4 **M4** **38.73 dBV/m**	Grid 5 **M4** **39.63 dBV/m**	Grid 6 **M4** **39.57 dBV/m**
Grid 7 **M4** **38.74 dBV/m**	Grid 8 **M4** **39.63 dBV/m**	Grid 9 **M4** **39.59 dBV/m**

Cursor:
Total = 39.63 dBV/m
E Category: M4
Location: -4.5, -5, 8.7 mm

0 dB = 95.88 V/m = 39.63 dBV/m

#04_HAC_E_CDMA BC1_1xRTT, RC1 SO3, 18th Rate_Ch600

Communication System: CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 1000$ kg/m^3
Ambient Temperature：23.2 ℃

DASY5 Configuration
- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2016/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2015/5/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch600/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 = 22.83 V/m; Power Drift = -0.07 dB
Applied MIF = 3.26 dB
RF audio interference level = 31.07 dBV/m
Emission category: M3

MIF scaled E-field

Grid 1 **M4** **24.69 dBV/m**	Grid 2 **M3** **30.68 dBV/m**	Grid 3 **M3** **31.07 dBV/m**
Grid 4 **M4** **24.61 dBV/m**	Grid 5 **M3** **30.21 dBV/m**	Grid 6 **M3** **30.35 dBV/m**
Grid 7 **M4** **26.12 dBV/m**	Grid 8 **M4** **29.69 dBV/m**	Grid 9 **M4** **29.88 dBV/m**

Cursor:
Total = 31.07 dBV/m
E Category: M3
Location: -10, -14.5, 8.7 mm

0 dB = 35.78 V/m = 31.07 dBV/m

#05_HAC_E_CDMA BC10_1xRTT, RC1 SO3, 18th Rate_Ch684

Communication System: CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 823.1 MHz;Duty Cycle: 1:8.3
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 1000$ kg/m^3
Ambient Temperature：23.2 ℃

DASY5 Configuration
- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2016/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2015/5/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch684/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 = 104.5 V/m; Power Drift = 0.00 dB
Applied MIF = 3.26 dB
RF audio interference level = 41.13 dBV/m
Emission category: M3

MIF scaled E-field

Grid 1 **M3** **40.5 dBV/m**	Grid 2 **M3** **40.79 dBV/m**	Grid 3 **M3** **40.35 dBV/m**
Grid 4 **M3** **40.28 dBV/m**	Grid 5 **M3** **41.12 dBV/m**	Grid 6 **M3** **40.95 dBV/m**
Grid 7 **M3** **40.29 dBV/m**	Grid 8 **M3** **41.13 dBV/m**	Grid 9 **M3** **40.97 dBV/m**

Cursor:
Total = 41.13 dBV/m
E Category: M3
Location: -4, -3, 8.7 mm

0 dB = 113.9 V/m = 41.13 dBV/m

#06_HAC_E_LTE Band 41_20M_QPSK_1_49_Ch41055

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 2636.5 MHz;Duty Cycle: 1:1.59
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 1000$ kg/m^3
Ambient Temperature：23.7 ℃

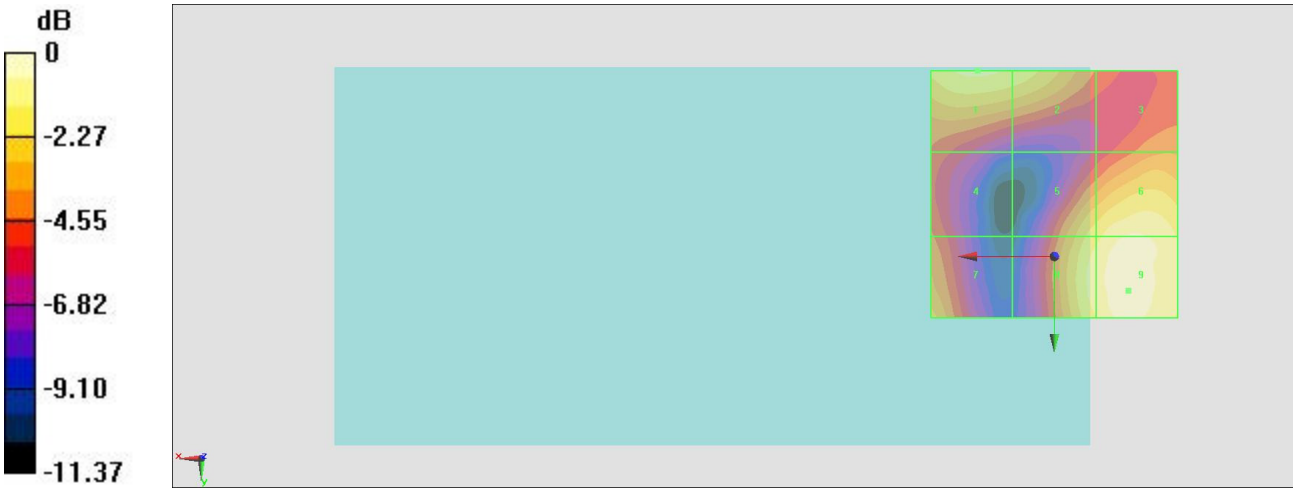
DASY5 Configuration
- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2016/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2016/2/18
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch41055/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 = 16.70 V/m; Power Drift = 0.15 dB
Applied MIF = -1.62 dB
RF audio interference level = 24.93 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **23.59 dBV/m**	Grid 2 **M4** **23.25 dBV/m**	Grid 3 **M4** **21.12 dBV/m**
Grid 4 **M4** **20.53 dBV/m**	Grid 5 **M4** **23.18 dBV/m**	Grid 6 **M4** **24.28 dBV/m**
Grid 7 **M4** **22.31 dBV/m**	Grid 8 **M4** **23.84 dBV/m**	Grid 9 **M4** **24.93 dBV/m**

Cursor:
Total = 24.93 dBV/m
E Category: M4
Location: -15, 6.9, 8.7 mm



0 dB = 17.63 V/m = 24.93 dBV/m

#07_HAC_E_LTE Band 41_20M_16QAM_1_99_Ch41055

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2636.5 MHz;Duty Cycle: 1:1.59
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 1000$ kg/m^3
Ambient Temperature：23.7 ℃

DASY5 Configuration
- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2016/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2016/2/18
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch41055/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 = 14.21 V/m; Power Drift = -0.03 dB
Applied MIF = -1.44 dB
RF audio interference level = 22.75 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **20.77 dBV/m**	Grid 2 **M4** **20.76 dBV/m**	Grid 3 **M4** **21.65 dBV/m**
Grid 4 **M4** **21.34 dBV/m**	Grid 5 **M4** **22.1 dBV/m**	Grid 6 **M4** **22.75 dBV/m**
Grid 7 **M4** **22.14 dBV/m**	Grid 8 **M4** **21.94 dBV/m**	Grid 9 **M4** **22.6 dBV/m**

Cursor:
Total = 22.75 dBV/m
E Category: M4
Location: -15, 2.5, 8.7 mm

0 dB = 13.73 V/m = 22.75 dBV/m