#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：23.6 ℃

DASY5 Configuration
- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2017/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1424; Calibrated: 2017/2/16
- 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 = 36.63 V/m; Power Drift = -0.02 dB
Applied MIF = 3.63 dB
RF audio interference level = 33.73 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **32.85 dBV/m**	Grid 2 **M4** **33.73 dBV/m**	Grid 3 **M4** **33.72 dBV/m**
Grid 4 **M4** **31.16 dBV/m**	Grid 5 **M4** **32.52 dBV/m**	Grid 6 **M4** **32.52 dBV/m**
Grid 7 **M4** **28.88 dBV/m**	Grid 8 **M4** **30.69 dBV/m**	Grid 9 **M4** **30.7 dBV/m**

Cursor:
Total = 33.73 dBV/m
E Category: M4
Location: -8, -25, 8.7 mm

0 dB = 48.56 V/m = 33.73 dBV/m

#02_HAC_E_GSM850_GSM Voice_Ch189

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 836.4 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：23.6 ℃

DASY5 Configuration
- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2017/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1424; Calibrated: 2017/2/16
- 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 = 38.66 V/m; Power Drift = -0.14 dB
Applied MIF = 3.63 dB
RF audio interference level = 34.93 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **34.17 dBV/m**	Grid 2 **M4** **34.93 dBV/m**	Grid 3 **M4** **34.89 dBV/m**
Grid 4 **M4** **32.06 dBV/m**	Grid 5 **M4** **33.32 dBV/m**	Grid 6 **M4** **33.32 dBV/m**
Grid 7 **M4** **29.08 dBV/m**	Grid 8 **M4** **30.66 dBV/m**	Grid 9 **M4** **30.68 dBV/m**

Cursor:
Total = 34.93 dBV/m
E Category: M4
Location: -5.5, -25, 8.7 mm

0 dB = 55.76 V/m = 34.93 dBV/m

#03_HAC_E_GSM850_GSM Voice_Ch251

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 848.8 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：23.6 ℃

DASY5 Configuration
- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2017/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1424; Calibrated: 2017/2/16
- 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 = 34.87 V/m; Power Drift = -0.09 dB
Applied MIF = 3.63 dB
RF audio interference level = 34.06 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **33.33 dBV/m**	Grid 2 **M4** **34.06 dBV/m**	Grid 3 **M4** **34.05 dBV/m**
Grid 4 **M4** **30.93 dBV/m**	Grid 5 **M4** **32.21 dBV/m**	Grid 6 **M4** **32.22 dBV/m**
Grid 7 **M4** **27.44 dBV/m**	Grid 8 **M4** **29.22 dBV/m**	Grid 9 **M4** **29.27 dBV/m**

Cursor:
Total = 34.06 dBV/m
E Category: M4
Location: -8, -25, 8.7 mm

0 dB = 50.44 V/m = 34.06 dBV/m

#04_HAC_E_GSM1900_GSM Voice_Ch512

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 1850.2 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：23.6 ℃

DASY5 Configuration
- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2017/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1424; Calibrated: 2017/2/16
- 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 = 25.71 V/m; Power Drift = -0.01 dB
Applied MIF = 3.63 dB
RF audio interference level = 30.32 dBV/m
Emission category: M3

MIF scaled E-field

Grid 1 **M4** **27.06 dBV/m**	Grid 2 **M4** **27.66 dBV/m**	Grid 3 **M4** **27.35 dBV/m**
Grid 4 **M4** **24.61 dBV/m**	Grid 5 **M4** **27.62 dBV/m**	Grid 6 **M4** **27.63 dBV/m**
Grid 7 **M4** **26.95 dBV/m**	Grid 8 **M3** **30.28 dBV/m**	Grid 9 **M3** **30.32 dBV/m**

Cursor:
Total = 30.32 dBV/m
E Category: M3
Location: -10.5, 25, 8.7 mm

0 dB = 32.83 V/m = 30.33 dBV/m

#05_HAC_E_GSM1900_GSM Voice_Ch661

Communication System: GSM-FDD (TDMA, GMSK); 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：23.6 ℃

DASY5 Configuration
- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2017/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1424; Calibrated: 2017/2/16
- 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 = 27.70 V/m; Power Drift = -0.13 dB
Applied MIF = 3.63 dB
RF audio interference level = 30.64 dBV/m
Emission category: M3

MIF scaled E-field

Grid 1 **M4** **27.37 dBV/m**	Grid 2 **M4** **28.81 dBV/m**	Grid 3 **M4** **28.79 dBV/m**
Grid 4 **M4** **24.68 dBV/m**	Grid 5 **M4** **27.83 dBV/m**	Grid 6 **M4** **27.92 dBV/m**
Grid 7 **M4** **26.55 dBV/m**	Grid 8 **M3** **30.52 dBV/m**	Grid 9 **M3** **30.64 dBV/m**

Cursor:
Total = 30.64 dBV/m
E Category: M3
Location: -11.5, 25, 8.7 mm

0 dB = 34.05 V/m = 30.64 dBV/m

#06_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：23.6 ℃

DASY5 Configuration
- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2017/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1424; Calibrated: 2017/2/16
- 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 = 25.35 V/m; Power Drift = -0.03 dB
Applied MIF = 3.63 dB
RF audio interference level = 30.23 dBV/m
Emission category: M3

MIF scaled E-field

Grid 1 **M4** **27.1 dBV/m**	Grid 2 **M4** **28.09 dBV/m**	Grid 3 **M4** **27.95 dBV/m**
Grid 4 **M4** **24.54 dBV/m**	Grid 5 **M4** **27.6 dBV/m**	Grid 6 **M4** **28.06 dBV/m**
Grid 7 **M4** **25.4 dBV/m**	Grid 8 **M4** **30 dBV/m**	Grid 9 **M3** **30.23 dBV/m**

Cursor:
Total = 30.23 dBV/m
E Category: M3
Location: -13, 25, 8.7 mm

0 dB = 32.47 V/m = 30.23 dBV/m

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2017/4/27

#07_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：23.6 ℃

DASY5 Configuration
- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2017/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1424; Calibrated: 2017/2/16
- 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 = 26.96 V/m; Power Drift = -0.19 dB
Applied MIF = 3.26 dB
RF audio interference level = 27.31 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **26.27 dBV/m**	Grid 2 **M4** **27.31 dBV/m**	Grid 3 **M4** **27.31 dBV/m**
Grid 4 **M4** **25.58 dBV/m**	Grid 5 **M4** **27.02 dBV/m**	Grid 6 **M4** **26.59 dBV/m**
Grid 7 **M4** **23.86 dBV/m**	Grid 8 **M4** **24.91 dBV/m**	Grid 9 **M4** **24.76 dBV/m**

Cursor:
Total = 27.31 dBV/m
E Category: M4
Location: -8, -25, 8.7 mm

0 dB = 23.21 V/m = 27.31 dBV/m

#08_HAC_E_CDMA BC0_1xRTT, RC1 SO3, 18th Rate_Ch384

Communication System: CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 836.52 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：23.6 ℃

DASY5 Configuration
- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2017/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1424; Calibrated: 2017/2/16
- 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 = 26.23 V/m; Power Drift = -0.06 dB
Applied MIF = 3.26 dB
RF audio interference level = 28.09 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **26.58 dBV/m**	Grid 2 **M4** **28.09 dBV/m**	Grid 3 **M4** **28.09 dBV/m**
Grid 4 **M4** **25.34 dBV/m**	Grid 5 **M4** **26.95 dBV/m**	Grid 6 **M4** **26.81 dBV/m**
Grid 7 **M4** **23.41 dBV/m**	Grid 8 **M4** **24.42 dBV/m**	Grid 9 **M4** **24.33 dBV/m**

Cursor:
Total = 28.09 dBV/m
E Category: M4
Location: -8.5, -25, 8.7 mm

0 dB = 25.37 V/m = 28.09 dBV/m

#09_HAC_E_CDMA BC0_1xRTT, RC1 SO3, 18th Rate_Ch777

Communication System: CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 848.31 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：23.6 ℃

DASY5 Configuration
- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2017/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1424; Calibrated: 2017/2/16
- 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 = 24.89 V/m; Power Drift = -0.12 dB
Applied MIF = 3.26 dB
RF audio interference level = 27.44 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **25.67 dBV/m**	Grid 2 **M4** **27.42 dBV/m**	Grid 3 **M4** **27.44 dBV/m**
Grid 4 **M4** **24.21 dBV/m**	Grid 5 **M4** **26.48 dBV/m**	Grid 6 **M4** **25.7 dBV/m**
Grid 7 **M4** **21.93 dBV/m**	Grid 8 **M4** **22.93 dBV/m**	Grid 9 **M4** **22.59 dBV/m**

Cursor:
Total = 27.44 dBV/m
E Category: M4
Location: -9.5, -25, 8.7 mm

0 dB = 23.54 V/m = 27.44 dBV/m

#10_HAC_E_CDMA BC1_1xRTT, RC1 SO3, 18th Rate_Ch25

Communication System: CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1851.25 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：23.6 ℃

DASY5 Configuration
- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2017/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1424; Calibrated: 2017/2/16
- 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 = 23.34 V/m; Power Drift = -0.01 dB
Applied MIF = 3.26 dB
RF audio interference level = 24.62 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **22.38 dBV/m**	Grid 2 **M4** **23.57 dBV/m**	Grid 3 **M4** **22.66 dBV/m**
Grid 4 **M4** **22.4 dBV/m**	Grid 5 **M4** **24.44 dBV/m**	Grid 6 **M4** **23.13 dBV/m**
Grid 7 **M4** **21.89 dBV/m**	Grid 8 **M4** **24.57 dBV/m**	Grid 9 **M4** **24.62 dBV/m**

Cursor:
Total = 24.62 dBV/m
E Category: M4
Location: -11, 25, 8.7 mm

0 dB = 17.02 V/m = 24.62 dBV/m

#11_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：23.6 ℃

DASY5 Configuration
- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2017/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1424; Calibrated: 2017/2/16
- 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 = 23.40 V/m; Power Drift = -0.05 dB
Applied MIF = 3.26 dB
RF audio interference level = 24.44 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **21.97 dBV/m**	Grid 2 **M4** **23.64 dBV/m**	Grid 3 **M4** **23.2 dBV/m**
Grid 4 **M4** **22.46 dBV/m**	Grid 5 **M4** **24.44 dBV/m**	Grid 6 **M4** **22.72 dBV/m**
Grid 7 **M4** **21.34 dBV/m**	Grid 8 **M4** **23.85 dBV/m**	Grid 9 **M4** **23.95 dBV/m**

Cursor:
Total = 24.44 dBV/m
E Category: M4
Location: 0, -2, 8.7 mm

0 dB = 16.67 V/m = 24.44 dBV/m

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2017/4/27

#12_HAC_E_CDMA BC1_1xRTT, RC1 SO3, 18th Rate_Ch1175

Communication System: CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1908.75 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：23.6 ℃

DASY5 Configuration
- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2017/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1424; Calibrated: 2017/2/16
- 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 = 23.30 V/m; Power Drift = 0.03 dB
Applied MIF = 3.26 dB
RF audio interference level = 24.53 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **21.87 dBV/m**	Grid 2 **M4** **23.6 dBV/m**	Grid 3 **M4** **22.58 dBV/m**
Grid 4 **M4** **22.59 dBV/m**	Grid 5 **M4** **24.53 dBV/m**	Grid 6 **M4** **23.29 dBV/m**
Grid 7 **M4** **21.66 dBV/m**	Grid 8 **M4** **23.39 dBV/m**	Grid 9 **M4** **23.29 dBV/m**

Cursor:
Total = 24.53 dBV/m
E Category: M4
Location: -0.5, -1.5, 8.7 mm

0 dB = 16.85 V/m = 24.53 dBV/m

#13_HAC_E_CDMA BC10_1xRTT, RC1 SO3, 18th Rate_Ch476

Communication System: CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 817.9 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：23.6 ℃

DASY5 Configuration
- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2017/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1424; Calibrated: 2017/2/16
- 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 = 23.94 V/m; Power Drift = 0.04 dB
Applied MIF = 3.26 dB
RF audio interference level = 26.51 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **25.23 dBV/m**	Grid 2 **M4** **26.51 dBV/m**	Grid 3 **M4** **26.32 dBV/m**
Grid 4 **M4** **24.32 dBV/m**	Grid 5 **M4** **25.99 dBV/m**	Grid 6 **M4** **25.54 dBV/m**
Grid 7 **M4** **21.87 dBV/m**	Grid 8 **M4** **23.23 dBV/m**	Grid 9 **M4** **22.89 dBV/m**

Cursor:
Total = 26.51 dBV/m
E Category: M4
Location: -5.5, -25, 8.7 mm

0 dB = 21.17 V/m = 26.51 dBV/m

#14_HAC_E_CDMA BC10_1xRTT, RC1 SO3, 18th Rate_Ch580

Communication System: CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 820.5 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：23.6 ℃

DASY5 Configuration
- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2017/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1424; Calibrated: 2017/2/16
- 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 = 24.18 V/m; Power Drift = -0.00 dB
Applied MIF = 3.26 dB
RF audio interference level = 26.55 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **25.04 dBV/m**	Grid 2 **M4** **26.54 dBV/m**	Grid 3 **M4** **26.55 dBV/m**
Grid 4 **M4** **24.14 dBV/m**	Grid 5 **M4** **26.17 dBV/m**	Grid 6 **M4** **25.6 dBV/m**
Grid 7 **M4** **21.95 dBV/m**	Grid 8 **M4** **23.28 dBV/m**	Grid 9 **M4** **23.15 dBV/m**

Cursor:
Total = 26.55 dBV/m
E Category: M4
Location: -9, -25, 8.7 mm

0 dB = 21.25 V/m = 26.55 dBV/m

#15_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：23.6 ℃

DASY5 Configuration
- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2017/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1424; Calibrated: 2017/2/16
- 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 = 24.04 V/m; Power Drift = -0.05 dB
Applied MIF = 3.26 dB
RF audio interference level = 26.26 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **24.89 dBV/m**	Grid 2 **M4** **26.25 dBV/m**	Grid 3 **M4** **26.26 dBV/m**
Grid 4 **M4** **24.15 dBV/m**	Grid 5 **M4** **25.85 dBV/m**	Grid 6 **M4** **25.35 dBV/m**
Grid 7 **M4** **21.93 dBV/m**	Grid 8 **M4** **23.21 dBV/m**	Grid 9 **M4** **23.07 dBV/m**

Cursor:
Total = 26.26 dBV/m
E Category: M4
Location: -9, -25, 8.7 mm

0 dB = 20.55 V/m = 26.26 dBV/m

#16_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: 1:1.59
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Ambient Temperature：23.2 ℃

DASY5 Configuration
- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2017/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2016/9/28
- 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 = 10.33 V/m; Power Drift = -0.09 dB
Applied MIF = -1.62 dB
RF audio interference level = 23.71 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **23.59 dBV/m**	Grid 2 **M4** **19.46 dBV/m**	Grid 3 **M4** **19.92 dBV/m**
Grid 4 **M4** **20.11 dBV/m**	Grid 5 **M4** **18.67 dBV/m**	Grid 6 **M4** **18.78 dBV/m**
Grid 7 **M4** **23.71 dBV/m**	Grid 8 **M4** **21.2 dBV/m**	Grid 9 **M4** **21.08 dBV/m**

Cursor:
Total = 23.71 dBV/m
E Category: M4
Location: 20, 15.5, 8.7 mm

0 dB = 15.33 V/m = 23.71 dBV/m

#17_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: 1:1.59
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Ambient Temperature：23.2 ℃

DASY5 Configuration
- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2017/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2016/9/28
- 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 = 11.83 V/m; Power Drift = -0.02 dB
Applied MIF = -1.62 dB
RF audio interference level = 23.95 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **23.57 dBV/m**	Grid 2 **M4** **19.37 dBV/m**	Grid 3 **M4** **19.79 dBV/m**
Grid 4 **M4** **23.71 dBV/m**	Grid 5 **M4** **19.08 dBV/m**	Grid 6 **M4** **18.06 dBV/m**
Grid 7 **M4** **23.95 dBV/m**	Grid 8 **M4** **21.15 dBV/m**	Grid 9 **M4** **20.76 dBV/m**

Cursor:
Total = 23.95 dBV/m
E Category: M4
Location: 23, 25, 8.7 mm

0 dB = 15.76 V/m = 23.95 dBV/m

#18_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: 1:1.59
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Ambient Temperature：23.2 ℃

DASY5 Configuration
- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2017/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2016/9/28
- 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 = 9.792 V/m; Power Drift = 0.07 dB
Applied MIF = -1.62 dB
RF audio interference level = 25.04 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **25.04 dBV/m**	Grid 2 **M4** **19.58 dBV/m**	Grid 3 **M4** **19.84 dBV/m**
Grid 4 **M4** **23.74 dBV/m**	Grid 5 **M4** **17.59 dBV/m**	Grid 6 **M4** **18.11 dBV/m**
Grid 7 **M4** **23.7 dBV/m**	Grid 8 **M4** **22.04 dBV/m**	Grid 9 **M4** **21.01 dBV/m**

Cursor:
Total = 25.04 dBV/m
E Category: M4
Location: 23.5, -22.5, 8.7 mm

0 dB = 17.86 V/m = 25.04 dBV/m

#19_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: 1:1.59
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Ambient Temperature：23.2 ℃

DASY5 Configuration
- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2017/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2016/9/28
- 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 = 7.225 V/m; Power Drift = 0.03 dB
Applied MIF = -1.62 dB
RF audio interference level = 23.85 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **22.92 dBV/m**	Grid 2 **M4** **18.96 dBV/m**	Grid 3 **M4** **19.35 dBV/m**
Grid 4 **M4** **23.85 dBV/m**	Grid 5 **M4** **17.54 dBV/m**	Grid 6 **M4** **17.73 dBV/m**
Grid 7 **M4** **23.21 dBV/m**	Grid 8 **M4** **21.36 dBV/m**	Grid 9 **M4** **21.3 dBV/m**

Cursor:
Total = 23.85 dBV/m
E Category: M4
Location: 20.5, 0.5, 8.7 mm

0 dB = 15.58 V/m = 23.85 dBV/m

#20_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: 1:1.59
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Ambient Temperature：23.2 ℃

DASY5 Configuration
- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2017/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2016/9/28
- 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 = 10.86 V/m; Power Drift = -0.04 dB
Applied MIF = -1.62 dB
RF audio interference level = 24.05 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **22.57 dBV/m**	Grid 2 **M4** **20.06 dBV/m**	Grid 3 **M4** **20.54 dBV/m**
Grid 4 **M4** **24.05 dBV/m**	Grid 5 **M4** **19.28 dBV/m**	Grid 6 **M4** **19.6 dBV/m**
Grid 7 **M4** **23.89 dBV/m**	Grid 8 **M4** **23.29 dBV/m**	Grid 9 **M4** **23.26 dBV/m**

Cursor:
Total = 24.05 dBV/m
E Category: M4
Location: 20.5, 0.5, 8.7 mm

0 dB = 15.93 V/m = 24.04 dBV/m

#21_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: 1:1.59
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: 2017/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2016/9/28
- 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 = 10.52 V/m; Power Drift = 0.02 dB
Applied MIF = -1.62 dB
RF audio interference level = 24.68 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **23.28 dBV/m**	Grid 2 **M4** **20.39 dBV/m**	Grid 3 **M4** **21.06 dBV/m**
Grid 4 **M4** **23.33 dBV/m**	Grid 5 **M4** **18.48 dBV/m**	Grid 6 **M4** **19.43 dBV/m**
Grid 7 **M4** **24.68 dBV/m**	Grid 8 **M4** **22.06 dBV/m**	Grid 9 **M4** **22.06 dBV/m**

Cursor:
Total = 24.68 dBV/m
E Category: M4
Location: 24, 25, 8.7 mm

0 dB = 17.15 V/m = 24.69 dBV/m

#22_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: 1:1.59
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: 2017/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2016/9/28
- 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 = 11.93 V/m; Power Drift = 0.16 dB
Applied MIF = -1.62 dB
RF audio interference level = 24.64 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **24.64 dBV/m**	Grid 2 **M4** **20.53 dBV/m**	Grid 3 **M4** **21.07 dBV/m**
Grid 4 **M4** **21.23 dBV/m**	Grid 5 **M4** **18.24 dBV/m**	Grid 6 **M4** **19.2 dBV/m**
Grid 7 **M4** **23.83 dBV/m**	Grid 8 **M4** **21.34 dBV/m**	Grid 9 **M4** **21.24 dBV/m**

Cursor:
Total = 24.64 dBV/m
E Category: M4
Location: 25, -22, 8.7 mm

0 dB = 17.06 V/m = 24.64 dBV/m

#23_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: 1:1.59
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: 2017/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2016/9/28
- 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 = 11.43 V/m; Power Drift = -0.12 dB
Applied MIF = -1.62 dB
RF audio interference level = 24.31 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **23.61 dBV/m**	Grid 2 **M4** **21.24 dBV/m**	Grid 3 **M4** **21.61 dBV/m**
Grid 4 **M4** **24.31 dBV/m**	Grid 5 **M4** **18.01 dBV/m**	Grid 6 **M4** **18.9 dBV/m**
Grid 7 **M4** **23.89 dBV/m**	Grid 8 **M4** **22 dBV/m**	Grid 9 **M4** **21.73 dBV/m**

Cursor:
Total = 24.31 dBV/m
E Category: M4
Location: 20.5, -4, 8.7 mm

0 dB = 16.42 V/m = 24.31 dBV/m

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2017/5/8

#24_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: 1:1.59
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: 2017/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2016/9/28
- 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 = 11.01 V/m; Power Drift = -0.19 dB
Applied MIF = -1.62 dB
RF audio interference level = 23.96 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **23.96 dBV/m**	Grid 2 **M4** **20.02 dBV/m**	Grid 3 **M4** **20.59 dBV/m**
Grid 4 **M4** **23.82 dBV/m**	Grid 5 **M4** **17.07 dBV/m**	Grid 6 **M4** **18.17 dBV/m**
Grid 7 **M4** **23.6 dBV/m**	Grid 8 **M4** **21.42 dBV/m**	Grid 9 **M4** **21.37 dBV/m**

Cursor:
Total = 23.96 dBV/m
E Category: M4
Location: 25, -10, 8.7 mm

0 dB = 15.77 V/m = 23.96 dBV/m

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2017/5/8

#25_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: 1:1.59
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: 2017/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2016/9/28
- 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 = 10.73 V/m; Power Drift = -0.11 dB
Applied MIF = -1.62 dB
RF audio interference level = 24.47 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **24.47 dBV/m**	Grid 2 **M4** **21.26 dBV/m**	Grid 3 **M4** **21.89 dBV/m**
Grid 4 **M4** **22.82 dBV/m**	Grid 5 **M4** **19.35 dBV/m**	Grid 6 **M4** **19.12 dBV/m**
Grid 7 **M4** **24.25 dBV/m**	Grid 8 **M4** **23.13 dBV/m**	Grid 9 **M4** **23.14 dBV/m**

Cursor:
Total = 24.47 dBV/m
E Category: M4
Location: 23.5, -22.5, 8.7 mm

0 dB = 16.73 V/m = 24.47 dBV/m