

**#01\_HAC\_E\_LTE Band 41\_20M\_QPSK\_1\_0\_Ch40340**

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2565 MHz; Duty Cycle: 1:8.8736

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2506 MHz; Calibrated: 2023/1/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn699; Calibrated: 2023/2/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**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 = 4.321 V/m; Power Drift = -0.08 dB

Applied MIF = -1.44 dB

RF audio interference level = 15.88 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>12.43 dBV/m</b>	Grid 2 <b>M4</b> <b>15.88 dBV/m</b>	Grid 3 <b>M4</b> <b>15.83 dBV/m</b>
Grid 4 <b>M4</b> <b>11.77 dBV/m</b>	Grid 5 <b>M4</b> <b>13.5 dBV/m</b>	Grid 6 <b>M4</b> <b>13.5 dBV/m</b>
Grid 7 <b>M4</b> <b>12.61 dBV/m</b>	Grid 8 <b>M4</b> <b>13.5 dBV/m</b>	Grid 9 <b>M4</b> <b>12.68 dBV/m</b>

**Cursor:**

Total = 15.88 dBV/m

E Category: M4

Location: -6.5, -25, 8.7 mm



0 dB = 6.226 V/m = 15.88 dBV/m

**#02\_HAC\_E\_LTE Band 41\_20M\_QPSK\_1\_0\_Ch40740**

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2605 MHz; Duty Cycle: 1:8.8736

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2605 MHz; Calibrated: 2023/1/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn699; Calibrated: 2023/2/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**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 = 3.536 V/m; Power Drift = 0.6 dB

Applied MIF = -1.44 dB

RF audio interference level = 15.21 dBV/m

**Emission category: M4**

MIF scaled E-field

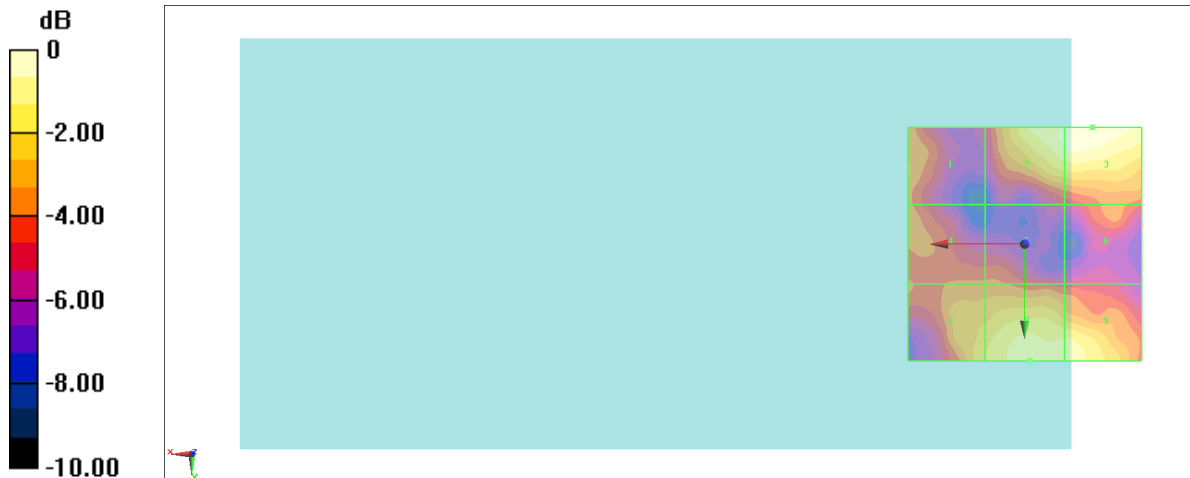
Grid 1 <b>M4</b> <b>12.02 dBV/m</b>	Grid 2 <b>M4</b> <b>14.77 dBV/m</b>	Grid 3 <b>M4</b> <b>15.21 dBV/m</b>
Grid 4 <b>M4</b> <b>11.89 dBV/m</b>	Grid 5 <b>M4</b> <b>11.4 dBV/m</b>	Grid 6 <b>M4</b> <b>11.57 dBV/m</b>
Grid 7 <b>M4</b> <b>13.22 dBV/m</b>	Grid 8 <b>M4</b> <b>14.42 dBV/m</b>	Grid 9 <b>M4</b> <b>14.33 dBV/m</b>

**Cursor:**

Total = 15.21 dBV/m

E Category: M4

Location: -14.5, -25, 8.7 mm



0 dB = 5.761 V/m = 15.21 dBV/m

**#03\_HAC\_E\_LTE Band 41\_20M\_QPSK\_1\_0\_Ch41140**

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2645 MHz; Duty Cycle: 1:8.8736

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2645 MHz; Calibrated: 2023/1/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn699; Calibrated: 2023/2/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**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 = 3.773 V/m; Power Drift = -0.80 dB

Applied MIF = -1.44 dB

RF audio interference level = 14.35 dBV/m

**Emission category: M4**

MIF scaled E-field

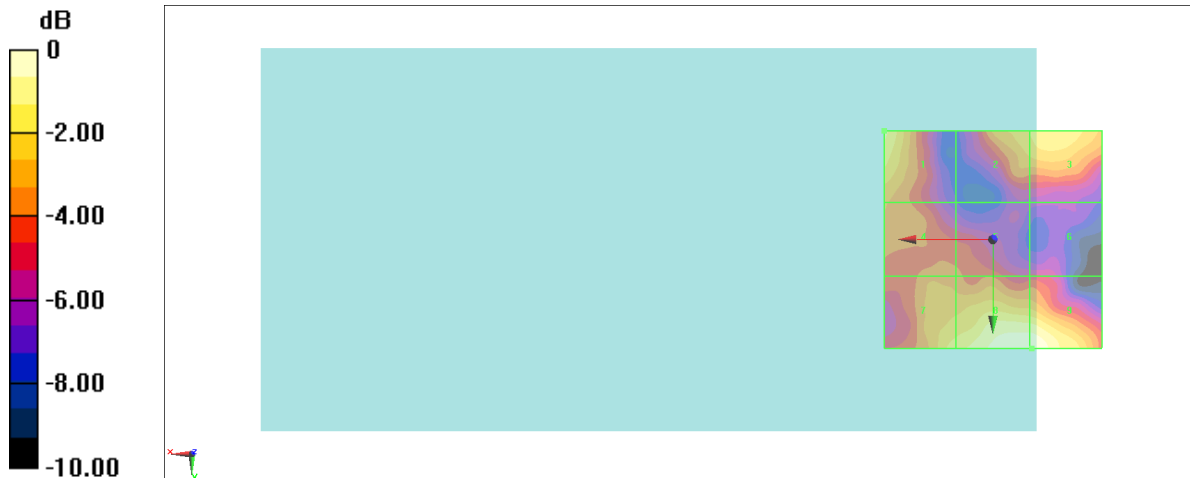
<b>Grid 1 M4</b> <b>13.25 dBV/m</b>	<b>Grid 2 M4</b> <b>12.39 dBV/m</b>	<b>Grid 3 M4</b> <b>12.96 dBV/m</b>
<b>Grid 4 M4</b> <b>11.08 dBV/m</b>	<b>Grid 5 M4</b> <b>10.62 dBV/m</b>	<b>Grid 6 M4</b> <b>9.34 dBV/m</b>
<b>Grid 7 M4</b> <b>12.8 dBV/m</b>	<b>Grid 8 M4</b> <b>14.33 dBV/m</b>	<b>Grid 9 M4</b> <b>14.35 dBV/m</b>

**Cursor:**

Total = 14.35 dBV/m

E Category: M4

Location: -9, 25, 8.7 mm



0 dB = 5.215 V/m = 14.35 dBV/m