

**#01\_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: 1:8.33681

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: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2017/9/25
- 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 = 13.64 V/m; Power Drift = 0.12 dB

Applied MIF = -1.62 dB

RF audio interference level = 27.77 dBV/m

**Emission category: M4**

MIF scaled E-field

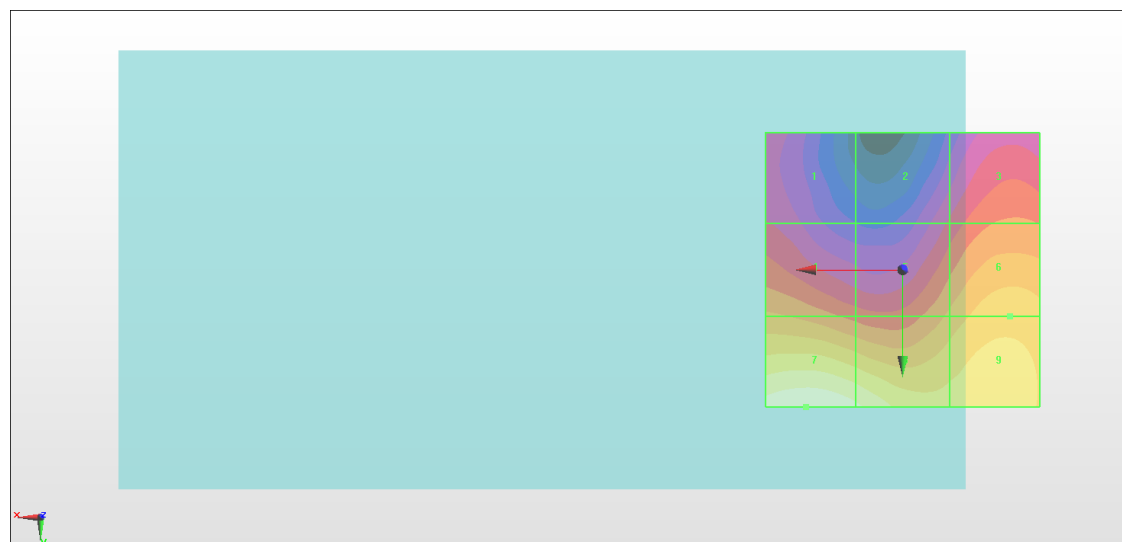
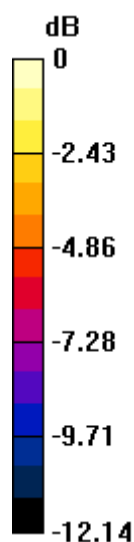
|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>21.4 dBV/m</b>  | Grid 2 <b>M4</b><br><b>21.49 dBV/m</b> | Grid 3 <b>M4</b><br><b>23.07 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>23.94 dBV/m</b> | Grid 5 <b>M4</b><br><b>23.95 dBV/m</b> | Grid 6 <b>M4</b><br><b>25.06 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>27.77 dBV/m</b> | Grid 8 <b>M4</b><br><b>27.17 dBV/m</b> | Grid 9 <b>M4</b><br><b>25.88 dBV/m</b> |

**Cursor:**

Total = 27.77 dBV/m

E Category: M4

Location: 17.5, 25, 8.7 mm



0 dB = 24.47 V/m = 27.77 dBV/m

**#02\_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: 1:8.33681

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: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2017/9/25
- 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 = 16.09 V/m; Power Drift = -0.01 dB

Applied MIF = -1.62 dB

RF audio interference level = 27.46 dBV/m

**Emission category: M4**

MIF scaled E-field

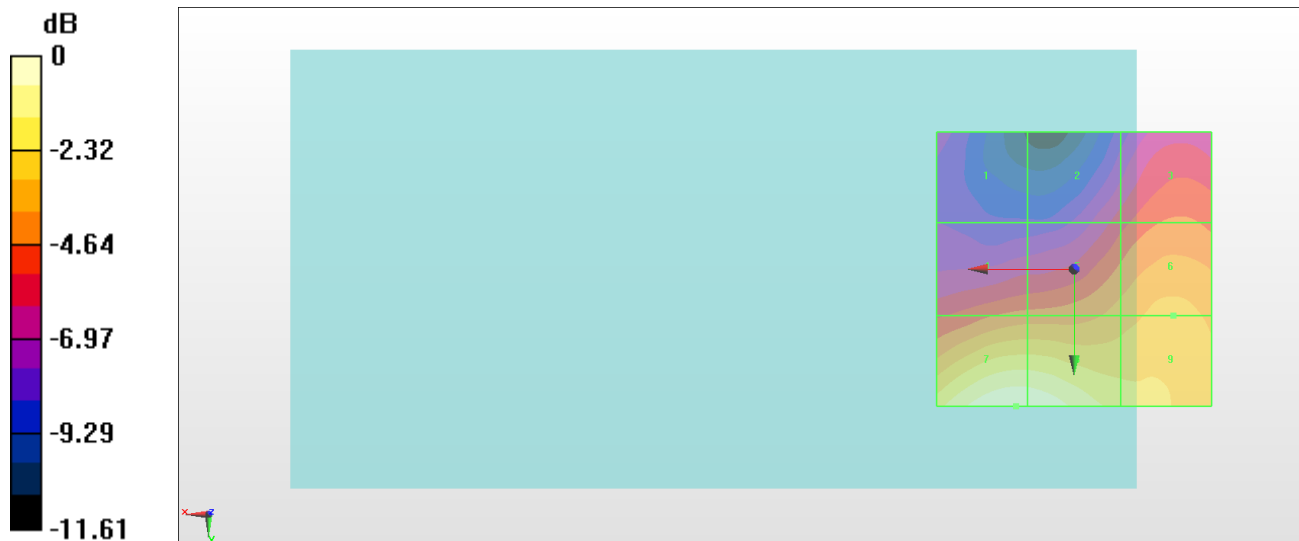
|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>20.31 dBV/m</b> | Grid 2 <b>M4</b><br><b>21.75 dBV/m</b> | Grid 3 <b>M4</b><br><b>22.96 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>23.17 dBV/m</b> | Grid 5 <b>M4</b><br><b>23.99 dBV/m</b> | Grid 6 <b>M4</b><br><b>24.61 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>27.46 dBV/m</b> | Grid 8 <b>M4</b><br><b>27.42 dBV/m</b> | Grid 9 <b>M4</b><br><b>25.64 dBV/m</b> |

**Cursor:**

Total = 27.46 dBV/m

E Category: M4

Location: 10.5, 25, 8.7 mm



0 dB = 23.61 V/m = 27.46 dBV/m

**#03\_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: 1:8.33681

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: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2017/9/25
- 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 = 15.63 V/m; Power Drift = -0.14 dB

Applied MIF = -1.62 dB

RF audio interference level = 26.72 dBV/m

**Emission category: M4**

MIF scaled E-field

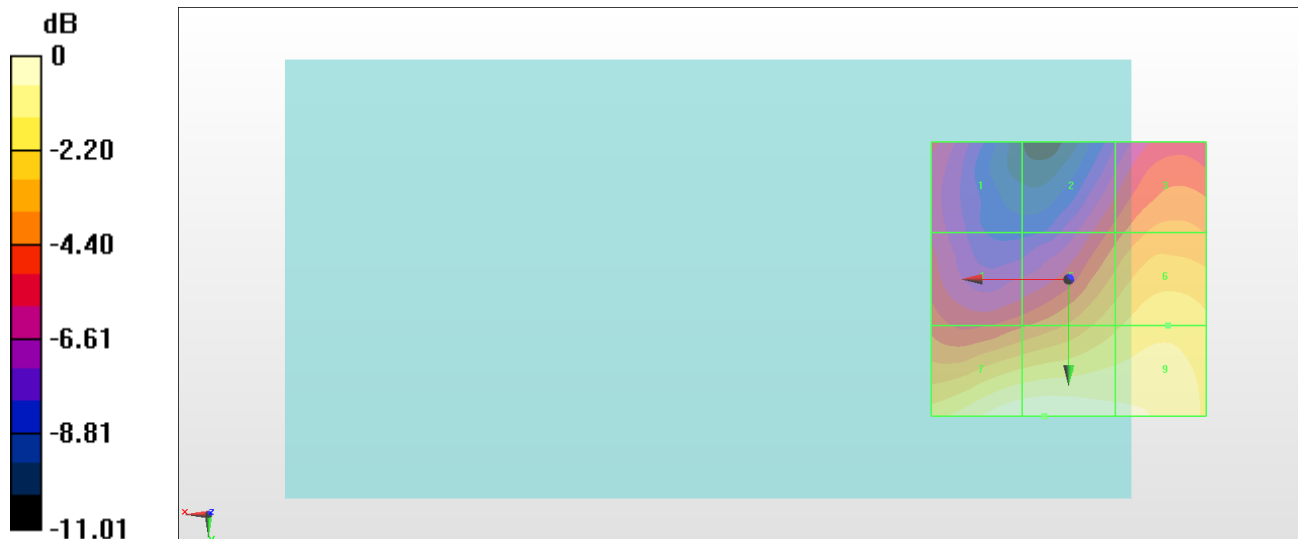
|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>21.17 dBV/m</b> | Grid 2 <b>M4</b><br><b>21.99 dBV/m</b> | Grid 3 <b>M4</b><br><b>23.34 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>22.23 dBV/m</b> | Grid 5 <b>M4</b><br><b>24.4 dBV/m</b>  | Grid 6 <b>M4</b><br><b>25.07 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>26.68 dBV/m</b> | Grid 8 <b>M4</b><br><b>26.72 dBV/m</b> | Grid 9 <b>M4</b><br><b>26.26 dBV/m</b> |

**Cursor:**

Total = 26.72 dBV/m

E Category: M4

Location: 4.5, 25, 8.7 mm



0 dB = 21.68 V/m = 26.72 dBV/m

**#04\_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: 1:8.33681

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: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2017/9/25
- 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 = 11.46 V/m; Power Drift = -0.03 dB

Applied MIF = -1.62 dB

RF audio interference level = 26.31 dBV/m

**Emission category: M4**

MIF scaled E-field

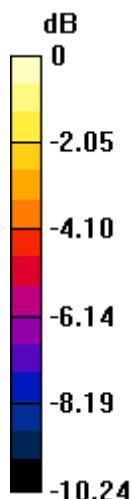
|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>20.04 dBV/m</b> | Grid 2 <b>M4</b><br><b>19.94 dBV/m</b> | Grid 3 <b>M4</b><br><b>21.52 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>21.64 dBV/m</b> | Grid 5 <b>M4</b><br><b>21.92 dBV/m</b> | Grid 6 <b>M4</b><br><b>23.01 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>26.13 dBV/m</b> | Grid 8 <b>M4</b><br><b>26.31 dBV/m</b> | Grid 9 <b>M4</b><br><b>25.21 dBV/m</b> |

**Cursor:**

Total = 26.31 dBV/m

E Category: M4

Location: 6, 25, 8.7 mm



0 dB = 20.67 V/m = 26.31 dBV/m

**#05\_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: 1:8.33681

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: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2017/9/25
- 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 = 12.00 V/m; Power Drift = -0.02 dB

Applied MIF = -1.62 dB

RF audio interference level = 26.06 dBV/m

**Emission category: M4**

MIF scaled E-field

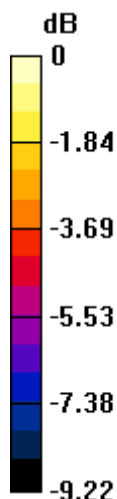
|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>20.87 dBV/m</b> | Grid 2 <b>M4</b><br><b>19.87 dBV/m</b> | Grid 3 <b>M4</b><br><b>21.4 dBV/m</b>  |
| Grid 4 <b>M4</b><br><b>21.5 dBV/m</b>  | Grid 5 <b>M4</b><br><b>22.57 dBV/m</b> | Grid 6 <b>M4</b><br><b>23.12 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>25.79 dBV/m</b> | Grid 8 <b>M4</b><br><b>26.06 dBV/m</b> | Grid 9 <b>M4</b><br><b>25.51 dBV/m</b> |

**Cursor:**

Total = 26.06 dBV/m

E Category: M4

Location: 3, 25, 8.7 mm



0 dB = 20.10 V/m = 26.06 dBV/m