

**1\_HAC RF LTE B41 HPUE\_20M\_ANT 2\_QPSK\_1RB\_0Offset\_Ch40185**

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM);  
 Frequency: 2549.5 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 : 23.3 °C;

DASY5 Configuration:

- Probe: EF3DV3 - SN4050; ConvF(1, 1, 1); Calibrated: 2023/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1649; Calibrated: 2023/4/24
- 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)

**Ch40185/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 = 21.95 V/m; Power Drift = -0.02 dB

Applied MIF = -1.44 dB

RF audio interference level = 25.13 dBV/m

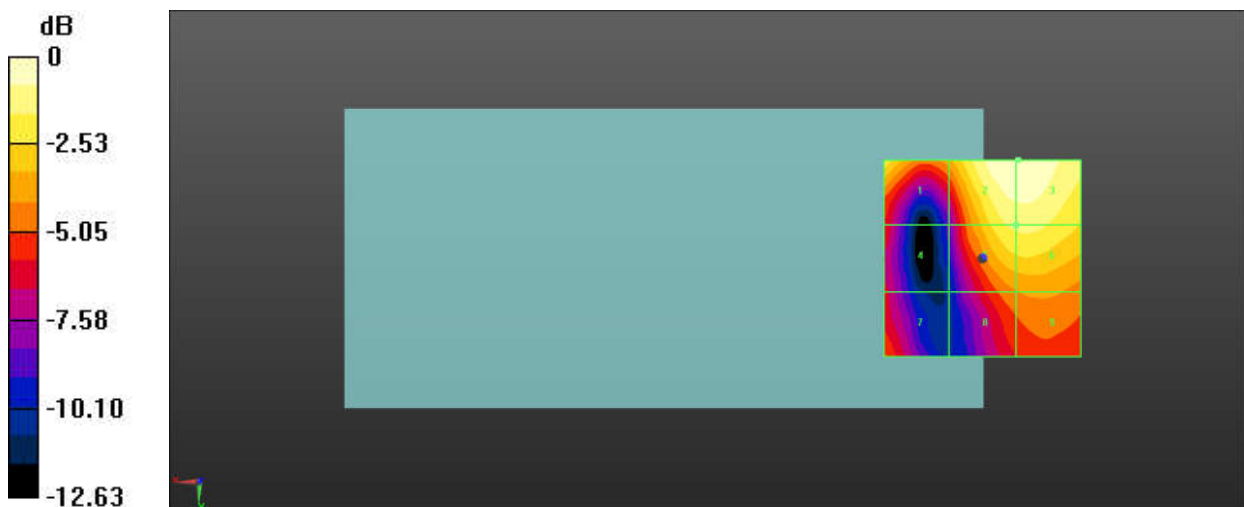
MIF scaled E-field

Grid 1 <b>M4</b> <b>23.44 dBV/m</b>	Grid 2 <b>M4</b> <b>25.13 dBV/m</b>	Grid 3 <b>M4</b> <b>25.13 dBV/m</b>
Grid 4 <b>M4</b> <b>19.3 dBV/m</b>	Grid 5 <b>M4</b> <b>23.65 dBV/m</b>	Grid 6 <b>M4</b> <b>23.73 dBV/m</b>
Grid 7 <b>M4</b> <b>20.31 dBV/m</b>	Grid 8 <b>M4</b> <b>20.86 dBV/m</b>	Grid 9 <b>M4</b> <b>21.14 dBV/m</b>

Total = 25.13 dBV/m

E Category: M4

Location: -9, -25, 8.7 mm



0 dB = 18.05 V/m = 25.13 dBV/m