

Annex B. Plots of RF Emission Measurement

The HAC plots for highest measured Result in each wireless mode and frequency band combination are shown as follows.

P01 RF_E-Field_GSM850_GSM_Ch251**DUT: P21050403**

Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 848.8 MHz; Duty Cycle: 1:8.7

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 0$ kg/m³

Ambient Temperature : 23.7 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4049; ConvF(1, 1, 1) @ 848.8 MHz; Calibrated: 2021/01/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1589; Calibrated: 2020/09/15
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Hearing Aid Compatibility (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

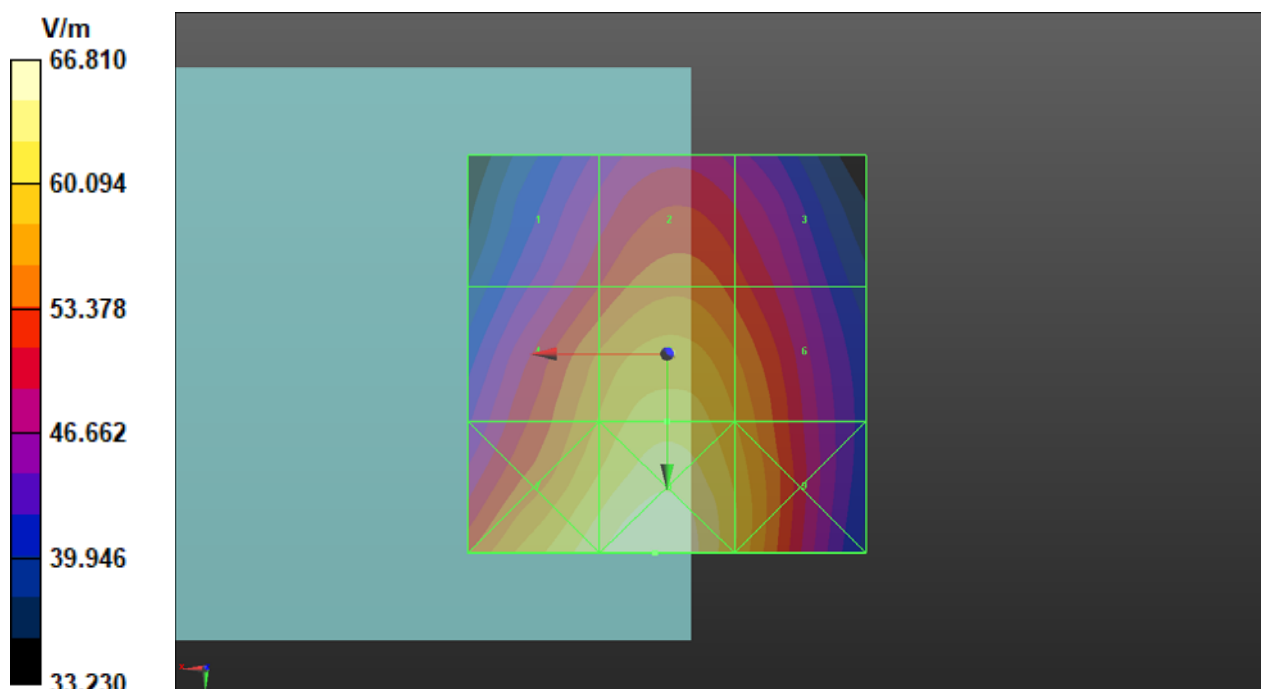
Reference Value = 53.80 V/m; Power Drift = -0.07 dB

MIF = 3.63 dB

RF audio interference level = 35.78 dBV/m

Emission category: M4

Grid 1 M4 34.19 dBV/m	Grid 2 M4 34.82 dBV/m	Grid 3 M4 34.4 dBV/m
Grid 4 M4 35.29 dBV/m	Grid 5 M4 35.78 dBV/m	Grid 6 M4 35.28 dBV/m
Grid 7 M4 36.16 dBV/m	Grid 8 M4 36.5 dBV/m	Grid 9 M4 35.63 dBV/m



P02 RF_E-Field_GSM1900_GSM_Ch661**DUT: P21050403**

Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz; Duty Cycle: 1:8.7

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 0$ kg/m³

Ambient Temperature : 23.7 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4049; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 2021/01/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1589; Calibrated: 2020/09/15
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Hearing Aid Compatibility (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

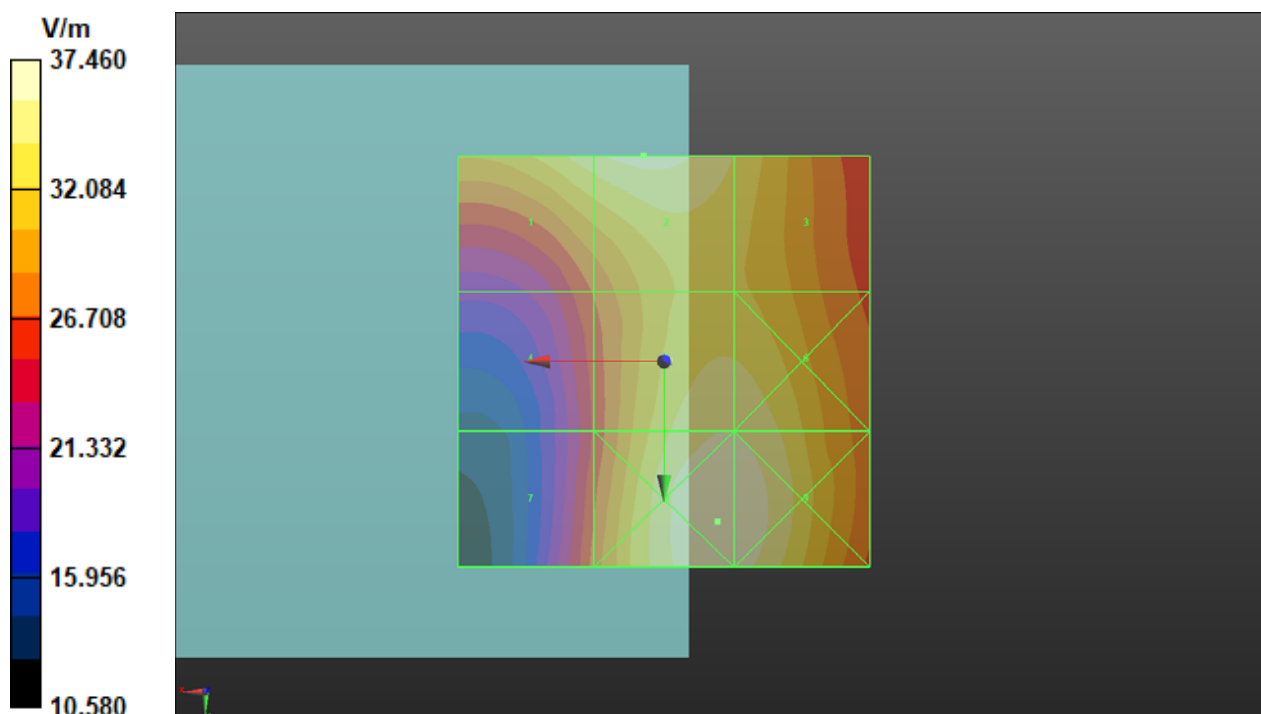
Reference Value = 28.78 V/m; Power Drift = 0.02 dB

MIF = 3.63 dB

RF audio interference level = 31.22 dBV/m

Emission category: M3

Grid 1 M3 30.93 dBV/m	Grid 2 M3 31.22 dBV/m	Grid 3 M3 30.6 dBV/m
Grid 4 M4 28.62 dBV/m	Grid 5 M3 31.04 dBV/m	Grid 6 M3 31.03 dBV/m
Grid 7 M4 28.8 dBV/m	Grid 8 M3 31.47 dBV/m	Grid 9 M3 31.42 dBV/m



P03 RF_E-Field_LTE 48_QPSK20M_1RB_OS0_Ch55340**DUT: P21050403**

Communication System: UID 10172 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK);

Frequency: 3560 MHz;Duty Cycle: 1:8.33

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 0$ kg/m³

Ambient Temperature : 23.7 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4049; ConvF(1, 1, 1) @ 3560 MHz; Calibrated: 2021/01/25

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn1589; Calibrated: 2020/09/15

- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;

- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Hearing Aid Compatibility (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 9.030 V/m; Power Drift = -0.16 dB

MIF = -1.62 dB

RF audio interference level = 18.31 dBV/m

Emission category: M4

Grid 1 M4 15.64 dBV/m	Grid 2 M4 15.14 dBV/m	Grid 3 M4 15.71 dBV/m
Grid 4 M4 18.45 dBV/m	Grid 5 M4 17.92 dBV/m	Grid 6 M4 17.84 dBV/m
Grid 7 M4 20.32 dBV/m	Grid 8 M4 18.42 dBV/m	Grid 9 M4 18.31 dBV/m

