

## **Appendix C – Highest Test Plots**

Date: 2023/11/20

**1 RF\_E-Field\_GSM850\_GSM Voice\_Ch128\_Ant 0**

**DUT: Smart-Ex 03**

Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 824.2 MHz;Duty Cycle: 1:8.69  
Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>  
Ambient Temperature : 22.5 °C

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EF3DV3 - SN4087; ConvF(1, 1, 1) @ 824.2 MHz; Calibrated: 2023/8/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- 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)

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

Device Reference Point: 0, 0, -6.3 mm

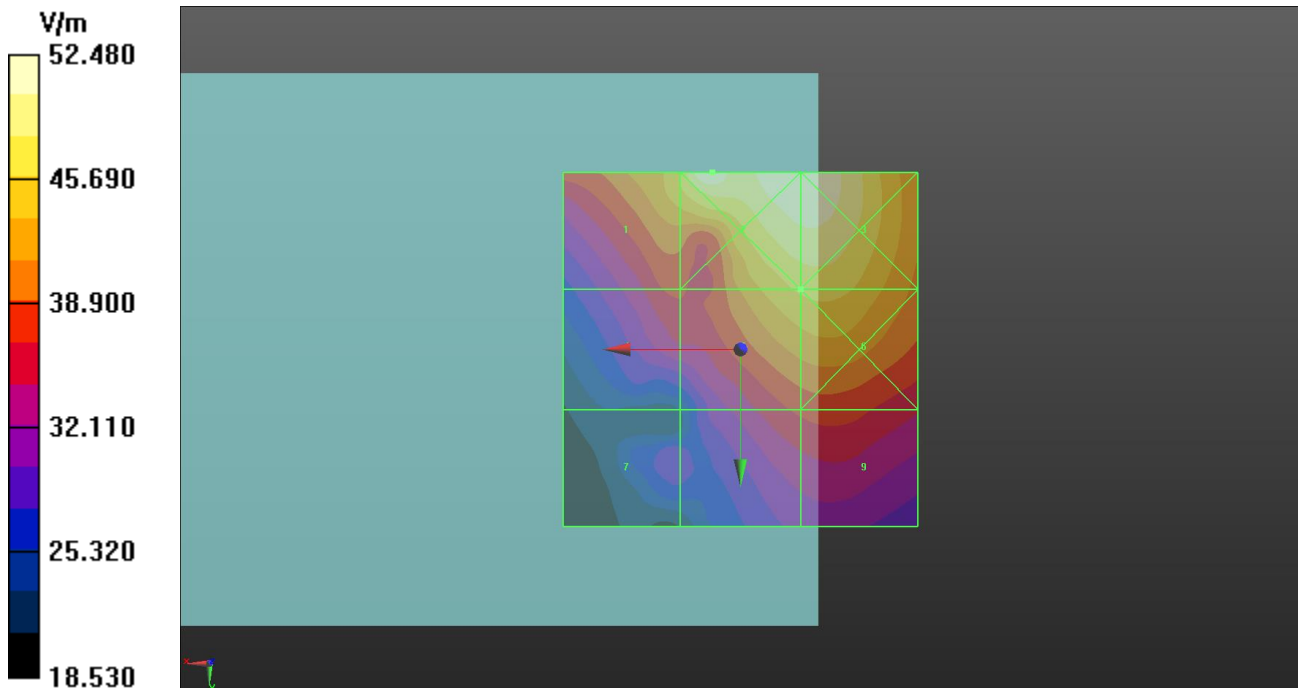
Reference Value = 35.08 V/m; Power Drift = -0.05 dB

Applied MIF = 3.63 dB

RF audio interference level = 33.27 dBV/m

**Emission category: M4**

Grid 1 M4 33.25 dBV/m	Grid 2 M4 34.4 dBV/m	Grid 3 M4 34.35 dBV/m
Grid 4 M4 31.43 dBV/m	Grid 5 M4 33.27 dBV/m	Grid 6 M4 33.36 dBV/m
Grid 7 M4 29.5 dBV/m	Grid 8 M4 31.42 dBV/m	Grid 9 M4 31.56 dBV/m



Date: 2023/11/20

**2 RF\_E-Field\_GSM850\_GSM Voice\_Ch189\_Ant 0**

**DUT: Smart-Ex 03**

Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 836.4 MHz; Duty Cycle: 1:8.69  
Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>  
Ambient Temperature : 22.5 °C

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EF3DV3 - SN4087; ConvF(1, 1, 1) @ 836.4 MHz; Calibrated: 2023/8/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- 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)

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

Device Reference Point: 0, 0, -6.3 mm

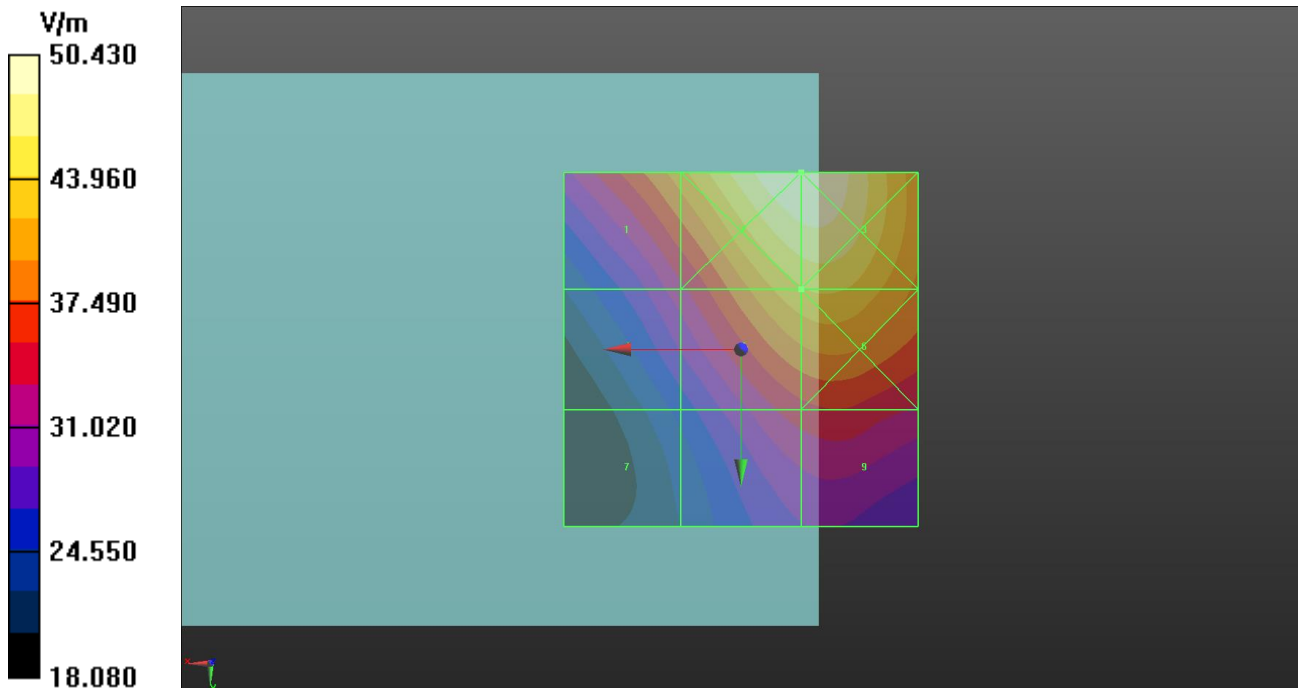
Reference Value = 29.73 V/m; Power Drift = 0.06 dB

Applied MIF = 3.63 dB

RF audio interference level = 32.82 dBV/m

**Emission category: M4**

Grid 1 M4 32.27 dBV/m	Grid 2 M4 34.05 dBV/m	Grid 3 M4 34.05 dBV/m
Grid 4 M4 30.27 dBV/m	Grid 5 M4 32.82 dBV/m	Grid 6 M4 32.94 dBV/m
Grid 7 M4 28.14 dBV/m	Grid 8 M4 30.78 dBV/m	Grid 9 M4 30.97 dBV/m



Date: 2023/11/20

**3 RF\_E-Field\_GSM850\_GSM Voice\_Ch251\_Ant 0**

**DUT: Smart-Ex 03**

Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 848.6 MHz;Duty Cycle: 1:8.69  
Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>  
Ambient Temperature : 22.5 °C

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EF3DV3 - SN4087; ConvF(1, 1, 1) @ 848.6 MHz; Calibrated: 2023/8/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- 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)

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

Device Reference Point: 0, 0, -6.3 mm

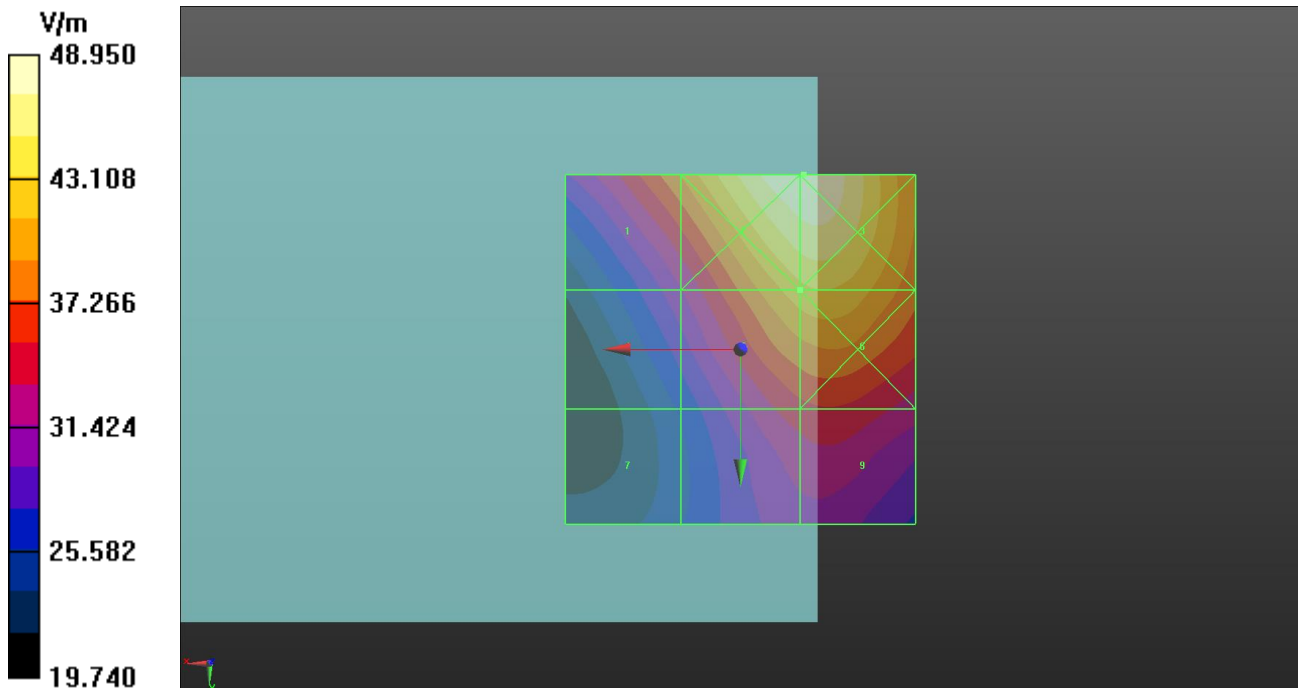
Reference Value = 29.58 V/m; Power Drift = -0.05 dB

Applied MIF = 3.63 dB

RF audio interference level = 32.56 dBV/m

**Emission category: M4**

Grid 1 M4 31.91 dBV/m	Grid 2 M4 33.79 dBV/m	Grid 3 M4 33.8 dBV/m
Grid 4 M4 29.94 dBV/m	Grid 5 M4 32.56 dBV/m	Grid 6 M4 32.69 dBV/m
Grid 7 M4 28.33 dBV/m	Grid 8 M4 30.8 dBV/m	Grid 9 M4 30.94 dBV/m



Date: 2023/11/20

**4 RF\_E-Field\_GSM850\_GSM Voice\_Ch128\_Ant 1**

**DUT: Smart-Ex 03**

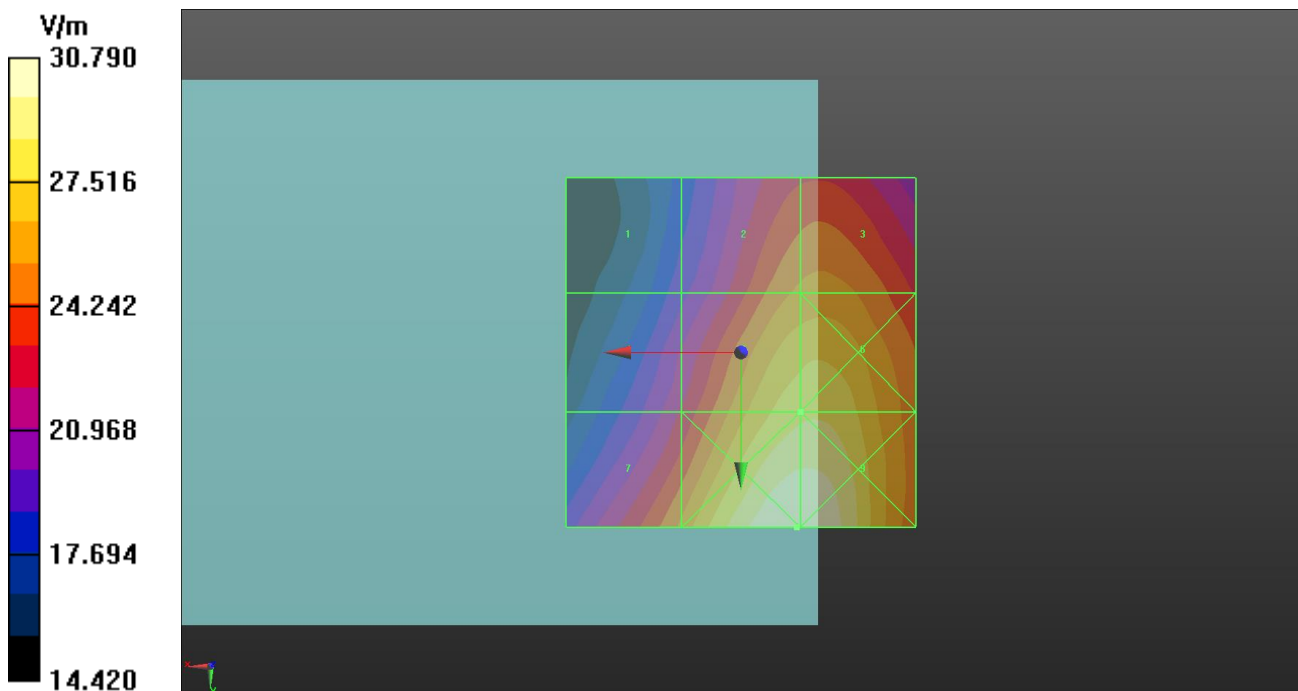
Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 824.2 MHz; Duty Cycle: 1:8.69  
Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>  
Ambient Temperature : 22.5 °C

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EF3DV3 - SN4087; ConvF(1, 1, 1) @ 824.2 MHz; Calibrated: 2023/8/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- 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)

**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 = 21.38 V/m; Power Drift = 0.15 dB  
Applied MIF = 3.63 dB  
RF audio interference level = 29.05 dBV/m  
**Emission category: M4**

Grid 1 M4 25.85 dBV/m	Grid 2 M4 28.18 dBV/m	Grid 3 M4 28.26 dBV/m
Grid 4 M4 26.94 dBV/m	Grid 5 M4 29.05 dBV/m	Grid 6 M4 29.08 dBV/m
Grid 7 M4 28.18 dBV/m	Grid 8 M4 29.77 dBV/m	Grid 9 M4 29.76 dBV/m



Date: 2023/11/20

**5 RF\_E-Field\_GSM850\_GSM Voice\_Ch189\_Ant 1**

**DUT: Smart-Ex 03**

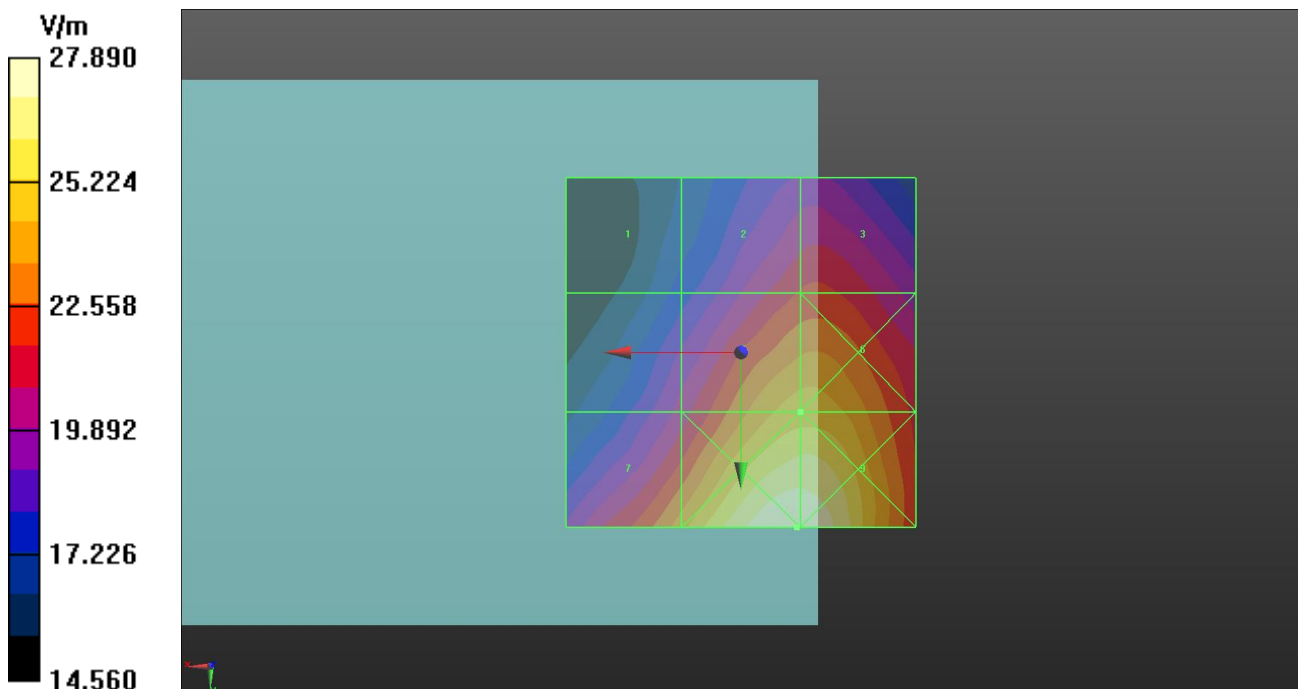
Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 836.4 MHz; Duty Cycle: 1:8.69  
Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>  
Ambient Temperature : 22.5 °C

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EF3DV3 - SN4087; ConvF(1, 1, 1) @ 836.4 MHz; Calibrated: 2023/8/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- 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)

**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 = 18.89 V/m; Power Drift = 0.00 dB  
Applied MIF = 3.63 dB  
RF audio interference level = 27.90 dBV/m  
**Emission category: M4**

Grid 1 M4 24.98 dBV/m	Grid 2 M4 26.76 dBV/m	Grid 3 M4 26.83 dBV/m
Grid 4 M4 26.17 dBV/m	Grid 5 M4 27.9 dBV/m	Grid 6 M4 27.91 dBV/m
Grid 7 M4 27.6 dBV/m	Grid 8 M4 28.91 dBV/m	Grid 9 M4 28.9 dBV/m



Date: 2023/11/20

**6 RF\_E-Field\_GSM850\_Voice\_Ch251\_Ant 1**

**DUT: Smart-Ex 03**

Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 848.6 MHz; Duty Cycle: 1:8.69  
Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>  
Ambient Temperature : 22.5 °C

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EF3DV3 - SN4087; ConvF(1, 1, 1) @ 848.6 MHz; Calibrated: 2023/8/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- 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)

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

Device Reference Point: 0, 0, -6.3 mm

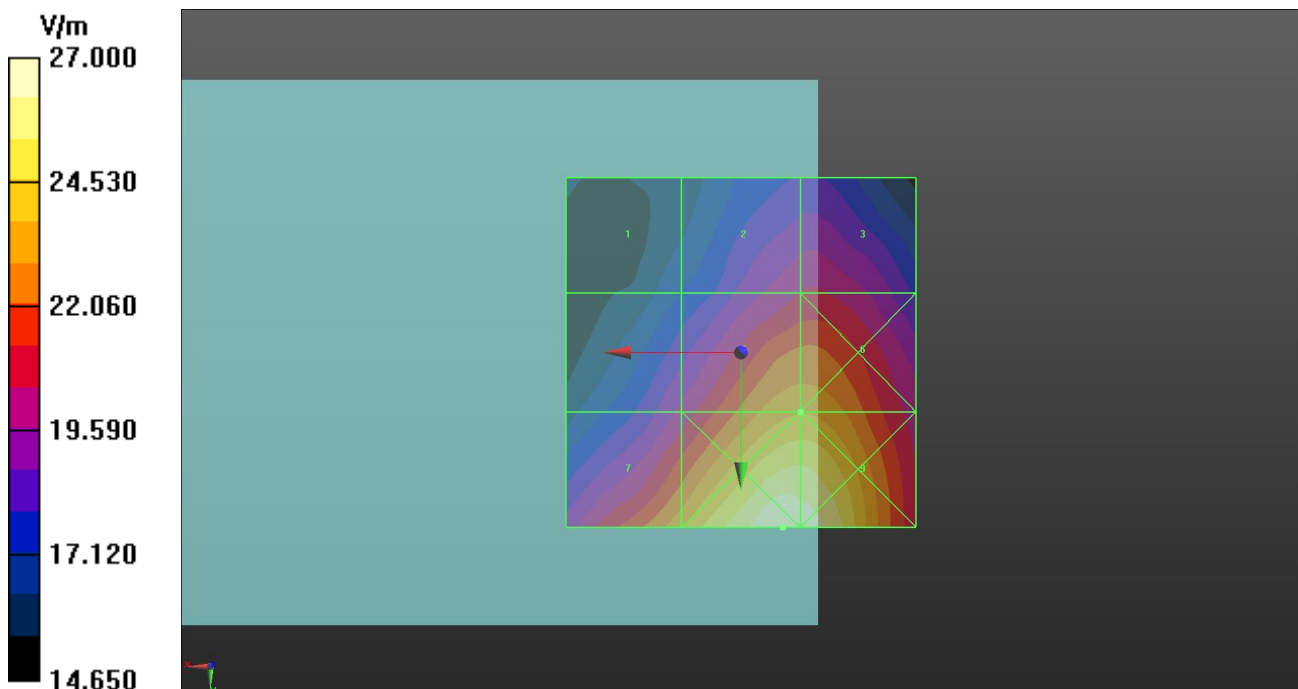
Reference Value = 18.24 V/m; Power Drift = -0.02 dB

Applied MIF = 3.63 dB

RF audio interference level = 27.48 dBV/m

**Emission category: M4**

Grid 1 M4 24.72 dBV/m	Grid 2 M4 26.22 dBV/m	Grid 3 M4 26.27 dBV/m
Grid 4 M4 25.97 dBV/m	Grid 5 M4 27.48 dBV/m	Grid 6 M4 27.48 dBV/m
Grid 7 M4 27.47 dBV/m	Grid 8 M4 28.63 dBV/m	Grid 9 M4 28.58 dBV/m



Date: 2023/11/20

**7 RF\_E-Field\_GSM1900\_GSM Voice\_Ch512\_Ant 0**

**DUT: Smart-Ex 03**

Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 1850.2 MHz; Duty Cycle: 1:8.69  
Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>  
Ambient Temperature : 22.6 °C

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EF3DV3 - SN4087; ConvF(1, 1, 1) @ 1850.2 MHz; Calibrated: 2023/8/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- 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)

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

Device Reference Point: 0, 0, -6.3 mm

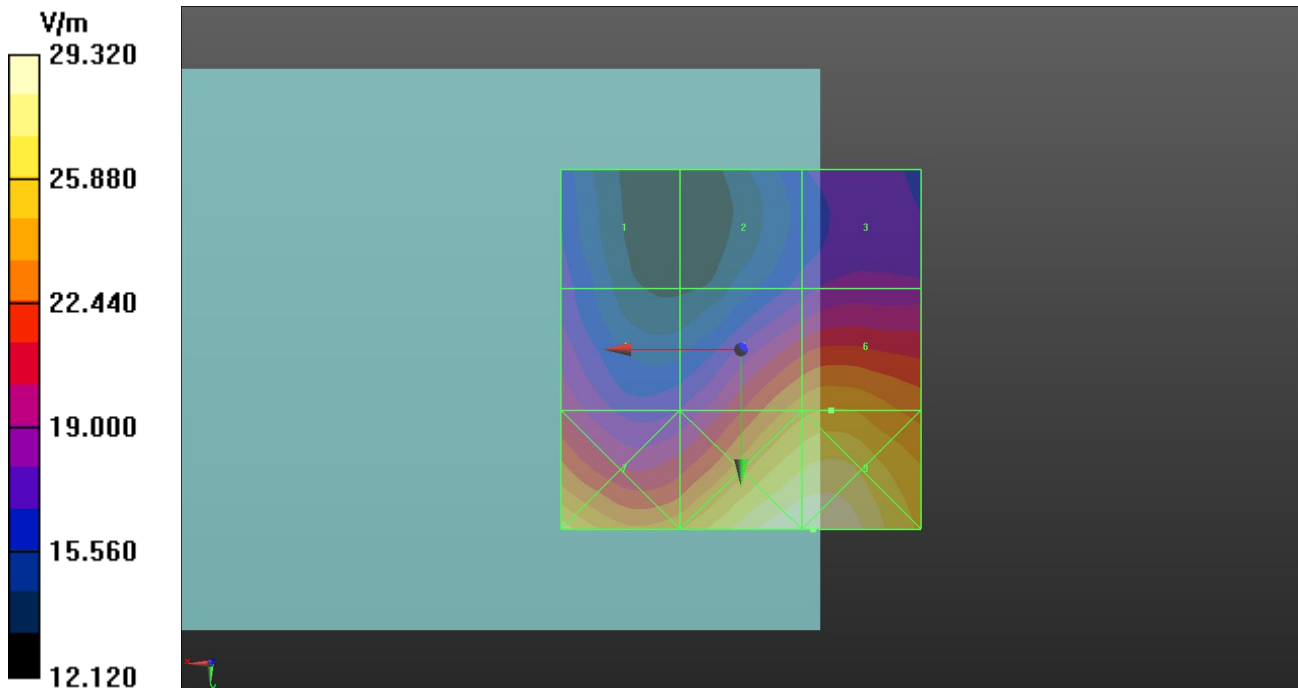
Reference Value = 15.90 V/m; Power Drift = 0.01 dB

Applied MIF = 3.63 dB

RF audio interference level = 27.92 dBV/m

**Emission category: M4**

Grid 1 M4 24.83 dBV/m	Grid 2 M4 24.81 dBV/m	Grid 3 M4 25.31 dBV/m
Grid 4 M4 26.13 dBV/m	Grid 5 M4 27.73 dBV/m	Grid 6 M4 27.92 dBV/m
Grid 7 M4 28.52 dBV/m	Grid 8 M4 29.33 dBV/m	Grid 9 M4 29.34 dBV/m





Date: 2023/11/20

**8 RF\_E-Field\_GSM1900\_GSM Voice\_Ch661\_Ant 0**

**DUT: Smart-Ex 03**

Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz;Duty Cycle: 1:8.69  
Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>  
Ambient Temperature : 22.6 °C

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EF3DV3 - SN4087; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 2023/8/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- 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)

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

Device Reference Point: 0, 0, -6.3 mm

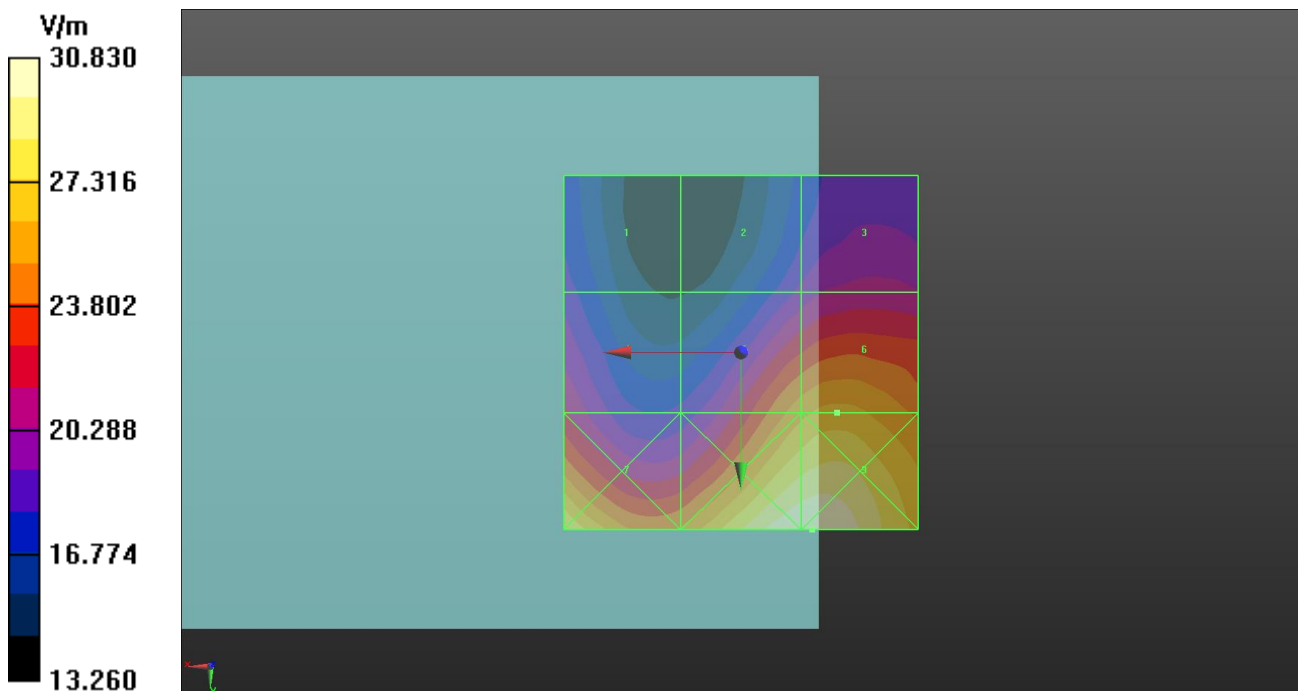
Reference Value = 16.33 V/m; Power Drift = -0.08 dB

Applied MIF = 3.63 dB

RF audio interference level = 28.49 dBV/m

**Emission category: M4**

Grid 1 M4 25.39 dBV/m	Grid 2 M4 25.83 dBV/m	Grid 3 M4 26.38 dBV/m
Grid 4 M4 26.78 dBV/m	Grid 5 M4 28.23 dBV/m	Grid 6 M4 28.49 dBV/m
Grid 7 M4 29.2 dBV/m	Grid 8 M4 29.76 dBV/m	Grid 9 M4 29.78 dBV/m



Date: 2023/11/20

**9 RF\_E-Field\_GSM1900\_GSM Voice\_Ch810\_Ant 0**

**DUT: Smart-Ex 03**

Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 1909.8 MHz; Duty Cycle: 1:8.69  
Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>  
Ambient Temperature : 22.6 °C

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EF3DV3 - SN4087; ConvF(1, 1, 1) @ 1909.8 MHz; Calibrated: 2023/8/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- 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)

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

Device Reference Point: 0, 0, -6.3 mm

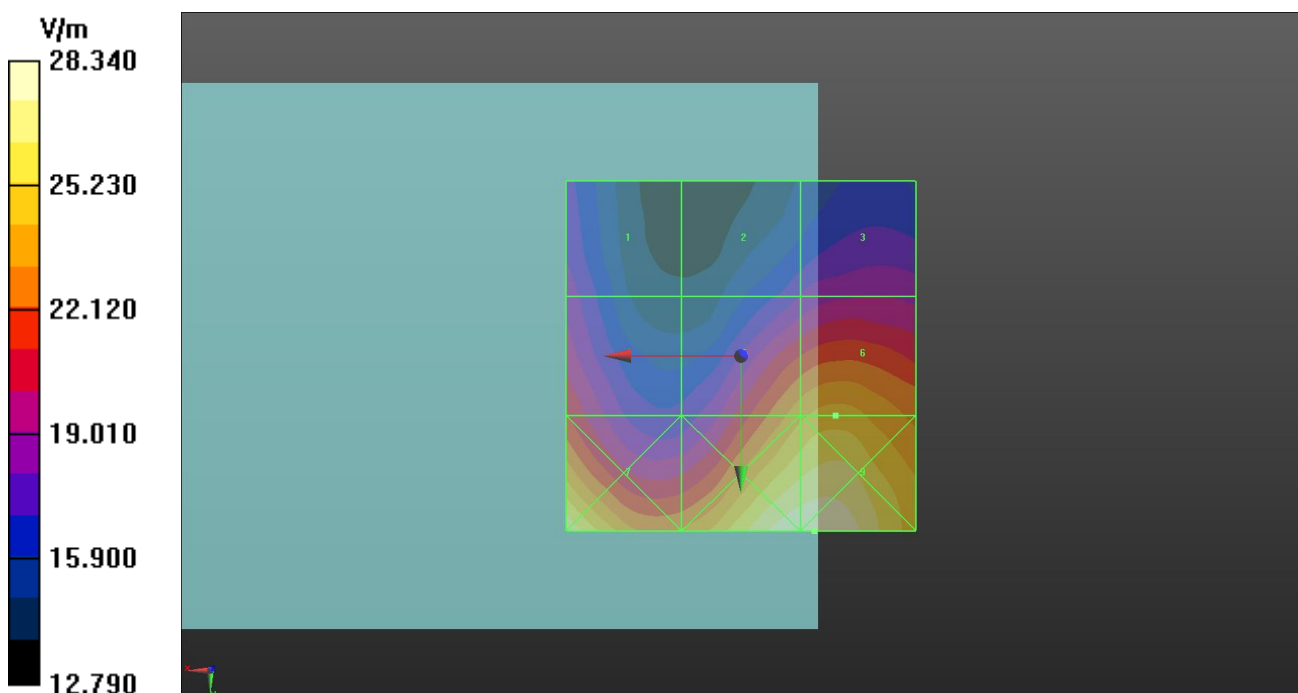
Reference Value = 15.39 V/m; Power Drift = 0.03 dB

Applied MIF = 3.63 dB

RF audio interference level = 27.85 dBV/m

**Emission category: M4**

Grid 1 M4 25.41 dBV/m	Grid 2 M4 25.14 dBV/m	Grid 3 M4 25.6 dBV/m
Grid 4 M4 26.55 dBV/m	Grid 5 M4 27.58 dBV/m	Grid 6 M4 27.85 dBV/m
Grid 7 M4 28.76 dBV/m	Grid 8 M4 29.02 dBV/m	Grid 9 M4 29.05 dBV/m



Date: 2023/11/20

**10 RF\_E-Field\_GSM1900\_GSM Voice\_Ch512\_Ant 1**

**DUT: Smart-Ex 03**

Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 1850.2 MHz; Duty Cycle: 1:8.69  
Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>  
Ambient Temperature : 22.6 °C

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EF3DV3 - SN4087; ConvF(1, 1, 1) @ 1850.2 MHz; Calibrated: 2023/8/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- 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)

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

Device Reference Point: 0, 0, -6.3 mm

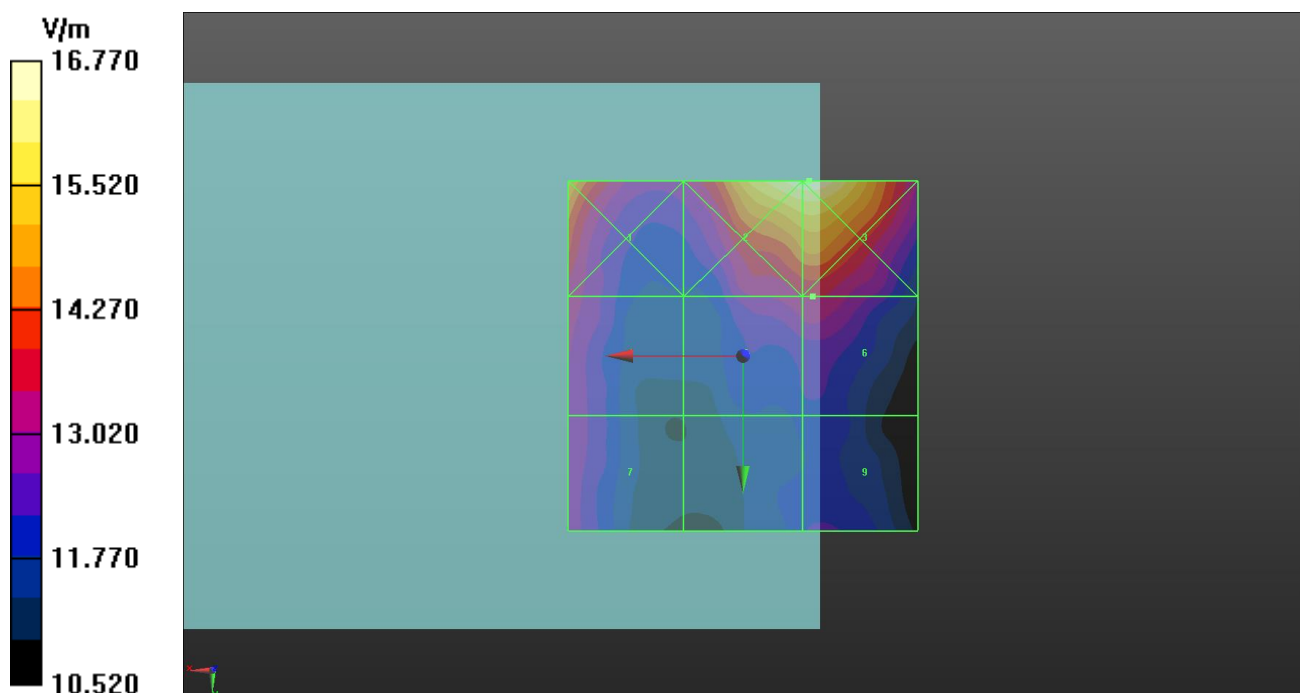
Reference Value = 10.28 V/m; Power Drift = 0.01 dB

Applied MIF = 3.63 dB

RF audio interference level = 22.60 dBV/m

**Emission category: M4**

Grid 1 M4 23.73 dBV/m	Grid 2 M4 24.47 dBV/m	Grid 3 M4 24.49 dBV/m
Grid 4 M4 22.46 dBV/m	Grid 5 M4 22.57 dBV/m	Grid 6 M4 22.6 dBV/m
Grid 7 M4 22.23 dBV/m	Grid 8 M4 21.69 dBV/m	Grid 9 M4 21.81 dBV/m



Date: 2023/11/20

**11 RF\_E-Field\_GSM1900\_GSM Voice\_Ch661\_Ant 1**

**DUT: Smart-Ex 03**

Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz;Duty Cycle: 1:8.69  
Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>  
Ambient Temperature : 22.6 °C

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EF3DV3 - SN4087; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 2023/8/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- 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)

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

Device Reference Point: 0, 0, -6.3 mm

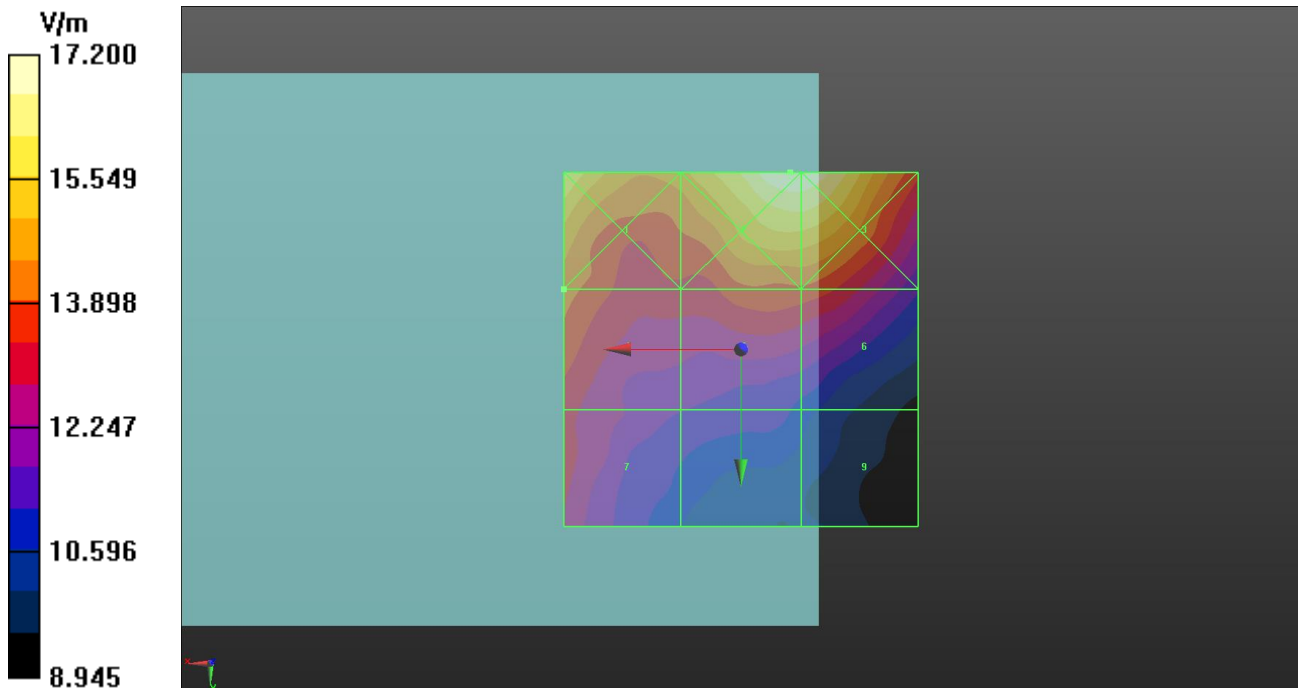
Reference Value = 10.48 V/m; Power Drift = -0.05 dB

Applied MIF = 3.63 dB

RF audio interference level = 23.02 dBV/m

**Emission category: M4**

Grid 1 M4 24.28 dBV/m	Grid 2 M4 24.71 dBV/m	Grid 3 M4 24.68 dBV/m
Grid 4 M4 23.02 dBV/m	Grid 5 M4 22.82 dBV/m	Grid 6 M4 22.8 dBV/m
Grid 7 M4 22.31 dBV/m	Grid 8 M4 21.4 dBV/m	Grid 9 M4 20.78 dBV/m



Date: 2023/11/20

**12 RF\_E-Field\_GSM1900\_GSM Voice\_Ch810\_Ant 1**

**DUT: Smart-Ex 03**

Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 1909.8 MHz; Duty Cycle: 1:8.69  
Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>  
Ambient Temperature : 22.6 °C

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EF3DV3 - SN4087; ConvF(1, 1, 1) @ 1909.8 MHz; Calibrated: 2023/8/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- 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)

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

Device Reference Point: 0, 0, -6.3 mm

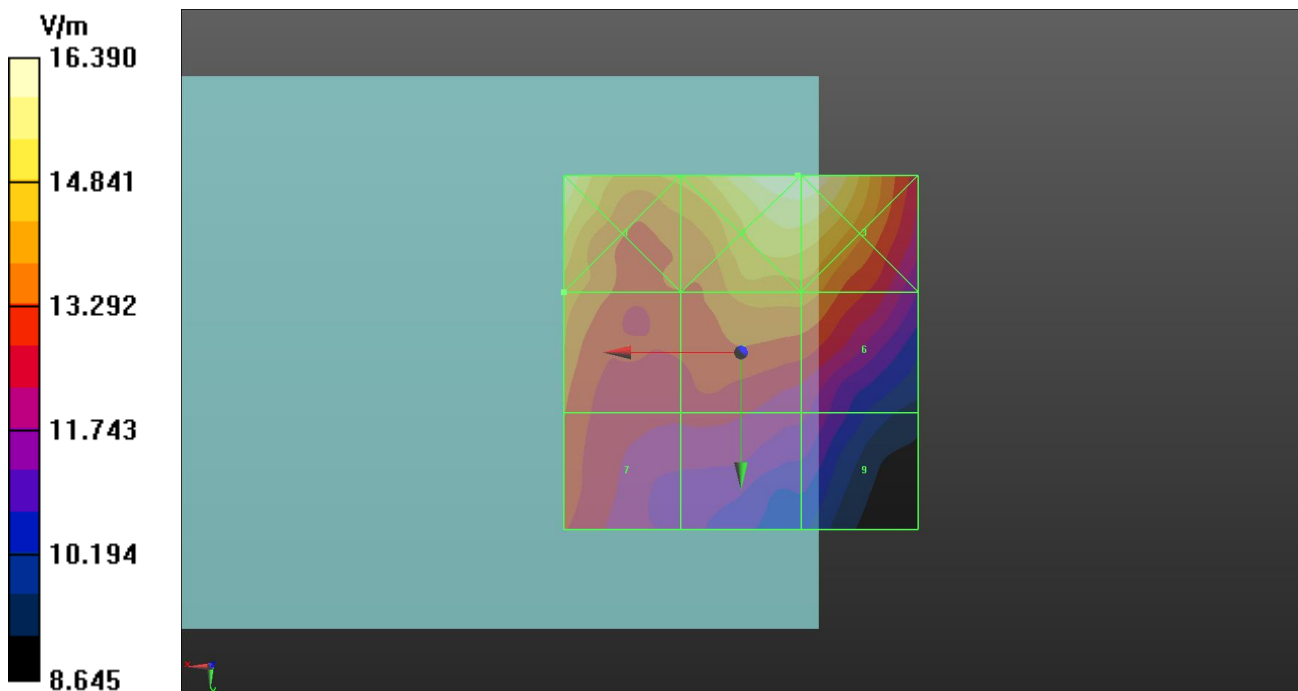
Reference Value = 10.99 V/m; Power Drift = 0.13 dB

Applied MIF = 3.63 dB

RF audio interference level = 23.01 dBV/m

**Emission category: M4**

Grid 1 M4 24.18 dBV/m	Grid 2 M4 24.29 dBV/m	Grid 3 M4 24.29 dBV/m
Grid 4 M4 23.01 dBV/m	Grid 5 M4 22.98 dBV/m	Grid 6 M4 22.97 dBV/m
Grid 7 M4 22.5 dBV/m	Grid 8 M4 21.91 dBV/m	Grid 9 M4 21.49 dBV/m



Date: 2023/11/20

**13 RF\_E-Field\_GSM1900\_GSM Voice\_Ch512\_Ant 2**

**DUT: Smart-Ex 03**

Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 1850.2 MHz; Duty Cycle: 1:8.69  
Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>  
Ambient Temperature : 22.6 °C

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EF3DV3 - SN4087; ConvF(1, 1, 1) @ 1850.2 MHz; Calibrated: 2023/8/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- 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)

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

Device Reference Point: 0, 0, -6.3 mm

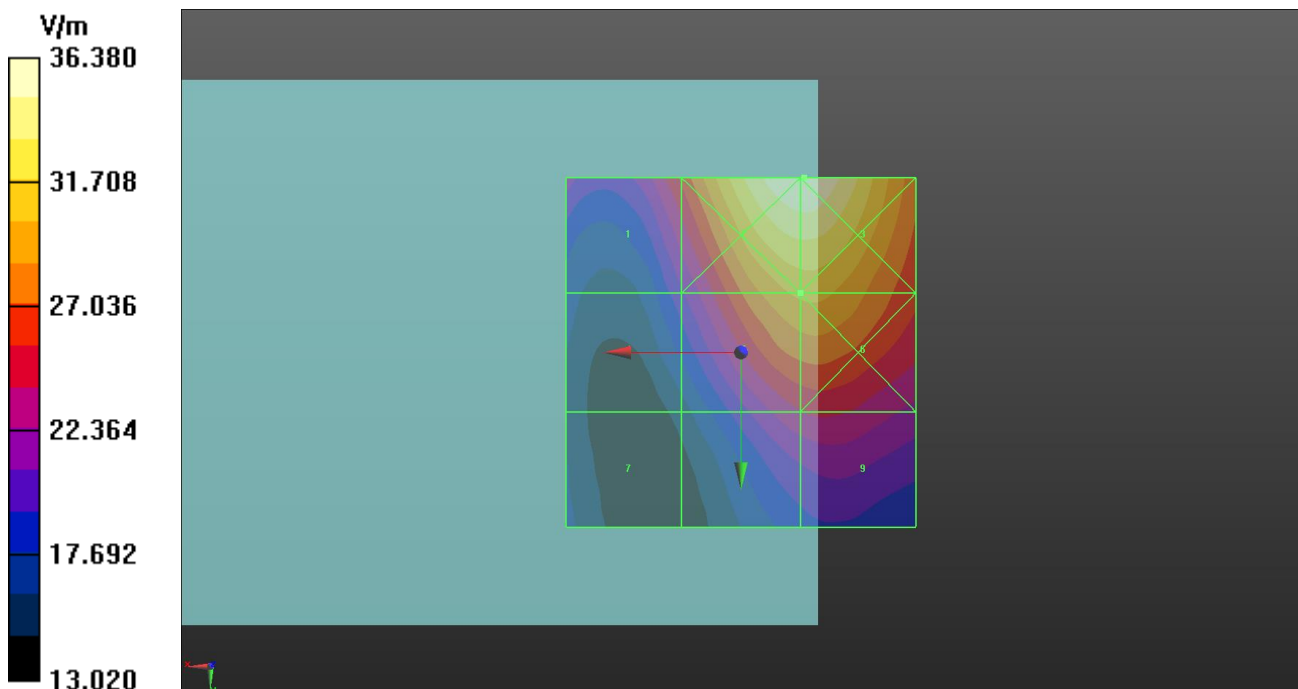
Reference Value = 22.05 V/m; Power Drift = -0.02 dB

Applied MIF = 3.63 dB

RF audio interference level = 29.69 dBV/m

**Emission category: M4**

Grid 1 M4 28.26 dBV/m	Grid 2 M3 31.22 dBV/m	Grid 3 M3 31.22 dBV/m
Grid 4 M4 26.27 dBV/m	Grid 5 M4 29.69 dBV/m	Grid 6 M4 29.72 dBV/m
Grid 7 M4 24.54 dBV/m	Grid 8 M4 27.55 dBV/m	Grid 9 M4 27.7 dBV/m



Date: 2023/11/20

**14 RF\_E-Field\_GSM1900\_GSM Voice\_Ch661\_Ant 2**

**DUT: Smart-Ex 03**

Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz;Duty Cycle: 1:8.69  
Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>  
Ambient Temperature : 22.6 °C

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EF3DV3 - SN4087; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 2023/8/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- 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)

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

Device Reference Point: 0, 0, -6.3 mm

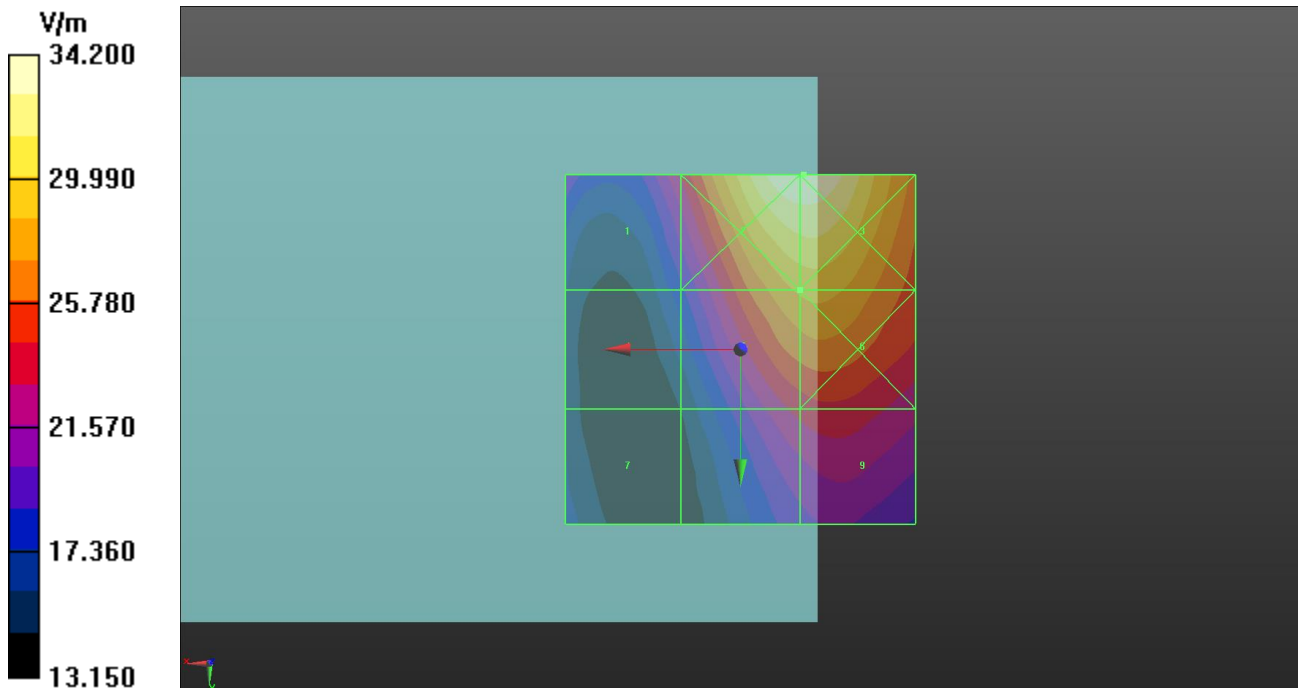
Reference Value = 20.91 V/m; Power Drift = -0.11 dB

Applied MIF = 3.63 dB

RF audio interference level = 29.20 dBV/m

**Emission category: M4**

Grid 1 M4 27.3 dBV/m	Grid 2 M3 30.68 dBV/m	Grid 3 M3 30.68 dBV/m
Grid 4 M4 25.34 dBV/m	Grid 5 M4 29.2 dBV/m	Grid 6 M4 29.28 dBV/m
Grid 7 M4 24.58 dBV/m	Grid 8 M4 27.43 dBV/m	Grid 9 M4 27.64 dBV/m



Date: 2023/11/20

**15 RF\_E-Field\_GSM1900\_GSM Voice\_Ch810\_Ant 2**

**DUT: Smart-Ex 03**

Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 1909.8 MHz;Duty Cycle: 1:8.69  
Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>  
Ambient Temperature : 22.6 °C

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EF3DV3 - SN4087; ConvF(1, 1, 1) @ 1909.8 MHz; Calibrated: 2023/8/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- 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)

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

Device Reference Point: 0, 0, -6.3 mm

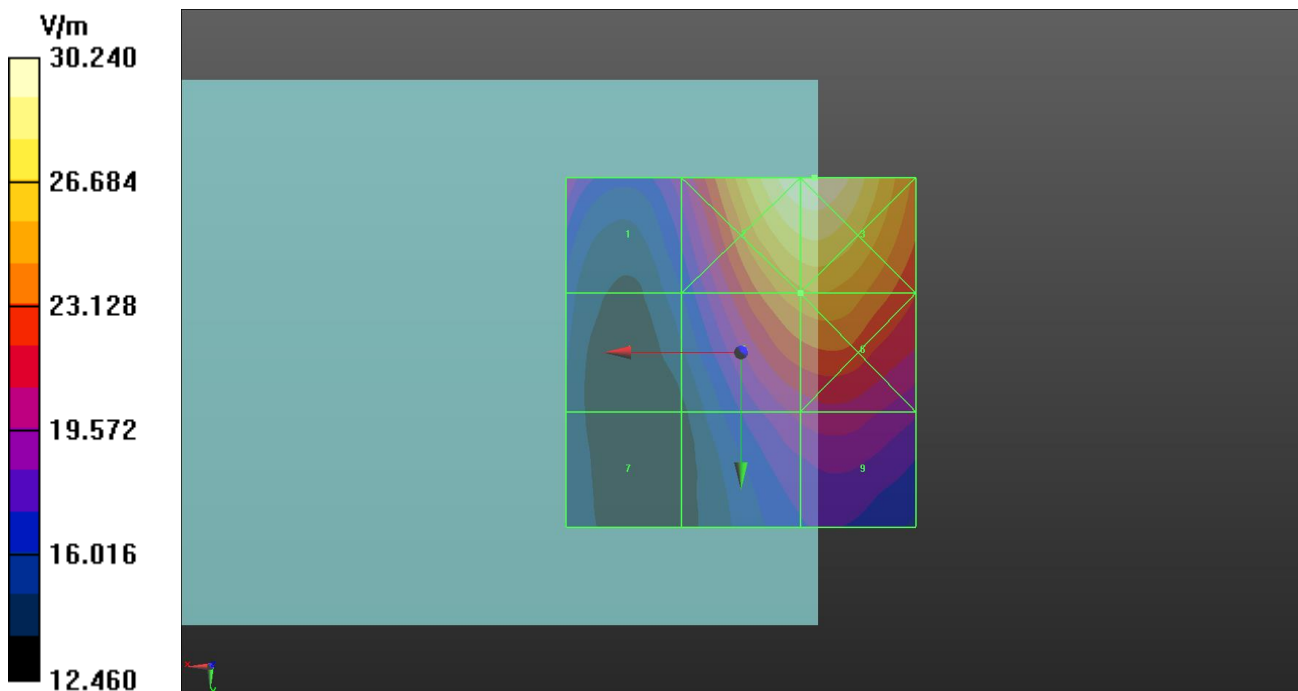
Reference Value = 17.88 V/m; Power Drift = -0.07 dB

Applied MIF = 3.63 dB

RF audio interference level = 28.03 dBV/m

**Emission category: M4**

Grid 1 M4 25.98 dBV/m	Grid 2 M4 29.56 dBV/m	Grid 3 M4 29.61 dBV/m
Grid 4 M4 24.11 dBV/m	Grid 5 M4 28.03 dBV/m	Grid 6 M4 28.14 dBV/m
Grid 7 M4 23.45 dBV/m	Grid 8 M4 26.03 dBV/m	Grid 9 M4 26.24 dBV/m





Date: 2023/11/20

**16 RF\_E-Field\_GSM1900\_GSM Voice\_Ch512\_Ant 3**

**DUT: Smart-Ex 03**

Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 1850.2 MHz; Duty Cycle: 1:8.69  
Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>  
Ambient Temperature : 22.6 °C

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EF3DV3 - SN4087; ConvF(1, 1, 1) @ 1850.2 MHz; Calibrated: 2023/8/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- 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)

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

Device Reference Point: 0, 0, -6.3 mm

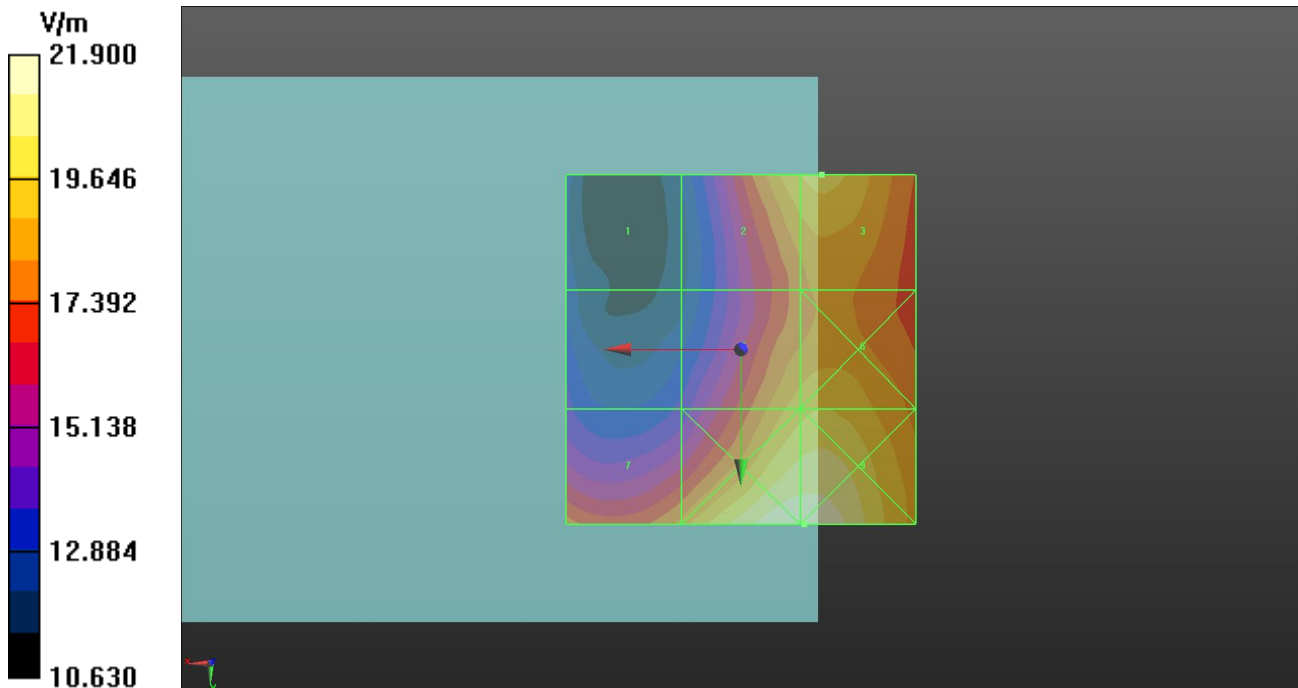
Reference Value = 14.56 V/m; Power Drift = -0.13 dB

Applied MIF = 3.63 dB

RF audio interference level = 26.00 dBV/m

**Emission category: M4**

Grid 1 M4 22.1 dBV/m	Grid 2 M4 25.86 dBV/m	Grid 3 M4 26 dBV/m
Grid 4 M4 22.91 dBV/m	Grid 5 M4 25.74 dBV/m	Grid 6 M4 25.88 dBV/m
Grid 7 M4 25.32 dBV/m	Grid 8 M4 26.81 dBV/m	Grid 9 M4 26.81 dBV/m



Date: 2023/11/20

**17 RF\_E-Field\_GSM1900\_GSM Voice\_Ch661\_Ant 3**

**DUT: Smart-Ex 03**

Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz;Duty Cycle: 1:8.69  
Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>  
Ambient Temperature : 22.6 °C

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EF3DV3 - SN4087; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 2023/8/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- 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)

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

Device Reference Point: 0, 0, -6.3 mm

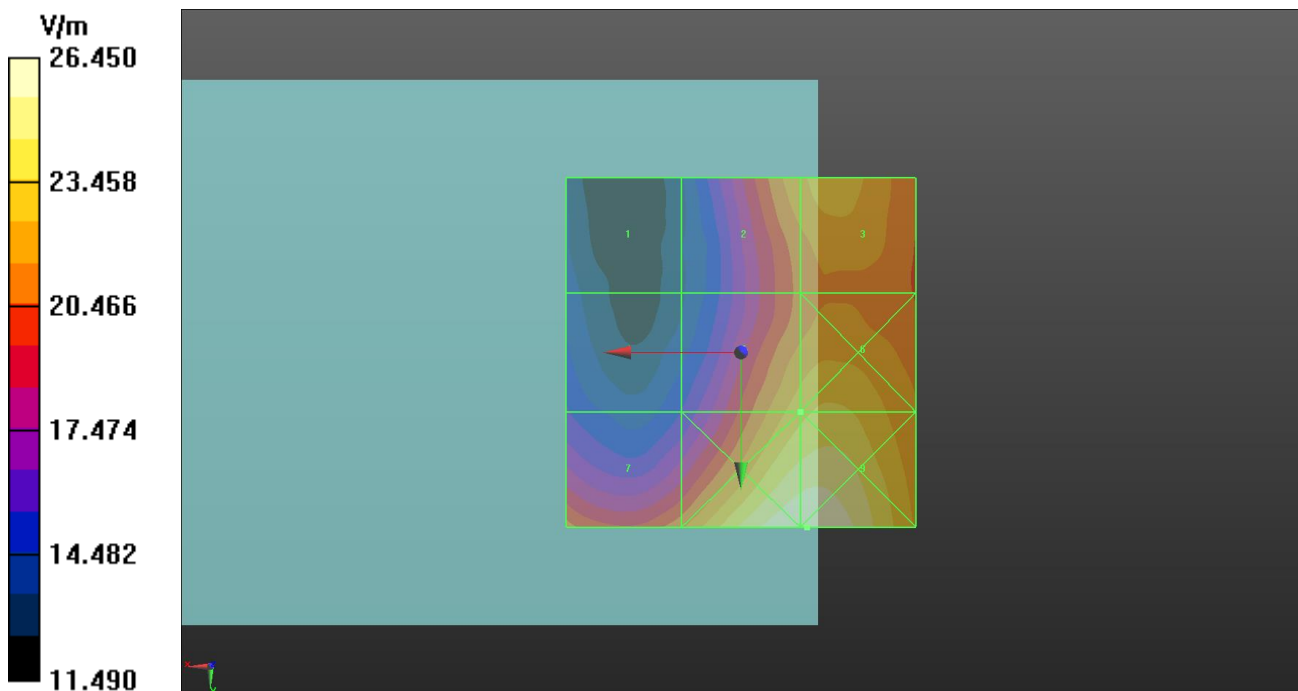
Reference Value = 16.70 V/m; Power Drift = 0.11 dB

Applied MIF = 3.63 dB

RF audio interference level = 27.28 dBV/m

**Emission category: M4**

Grid 1 M4 22.99 dBV/m	Grid 2 M4 26.95 dBV/m	Grid 3 M4 27.23 dBV/m
Grid 4 M4 23.9 dBV/m	Grid 5 M4 27.28 dBV/m	Grid 6 M4 27.49 dBV/m
Grid 7 M4 26.56 dBV/m	Grid 8 M4 28.44 dBV/m	Grid 9 M4 28.45 dBV/m



Date: 2023/11/20

**18 RF\_E-Field\_GSM1900\_GSM Voice\_Ch810\_Ant 3**

**DUT: Smart-Ex 03**

Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 1909.8 MHz; Duty Cycle: 1:8.69  
Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>  
Ambient Temperature : 22.6 °C

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EF3DV3 - SN4087; ConvF(1, 1, 1) @ 1909.8 MHz; Calibrated: 2023/8/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- 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)

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

Device Reference Point: 0, 0, -6.3 mm

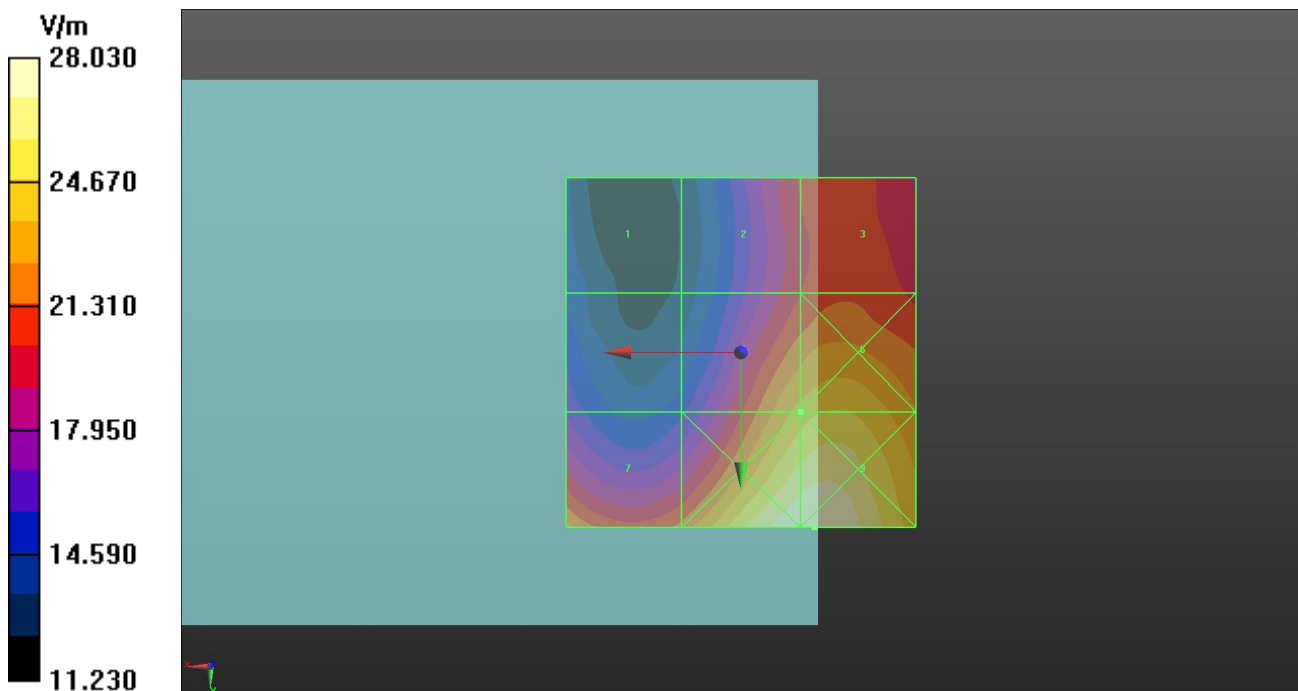
Reference Value = 16.65 V/m; Power Drift = 0.01 dB

Applied MIF = 3.63 dB

RF audio interference level = 27.61 dBV/m

**Emission category: M4**

Grid 1 M4 23.23 dBV/m	Grid 2 M4 26.18 dBV/m	Grid 3 M4 26.49 dBV/m
Grid 4 M4 24.49 dBV/m	Grid 5 M4 27.61 dBV/m	Grid 6 M4 27.88 dBV/m
Grid 7 M4 27.19 dBV/m	Grid 8 M4 28.91 dBV/m	Grid 9 M4 28.95 dBV/m



Date: 2023/11/20

**19 RF\_E-Field\_LTE 38\_QPSK20M\_Ch37850\_1RB\_OS0\_Ant 0**

**DUT: Smart-Ex 03**

Communication System: UID 10173 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2580 MHz; Duty Cycle: 1:8.87

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

Ambient Temperature : 22.3 °C

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EF3DV3 - SN4087; ConvF(1, 1, 1) @ 2580 MHz; Calibrated: 2023/8/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- 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)

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

Device Reference Point: 0, 0, -6.3 mm

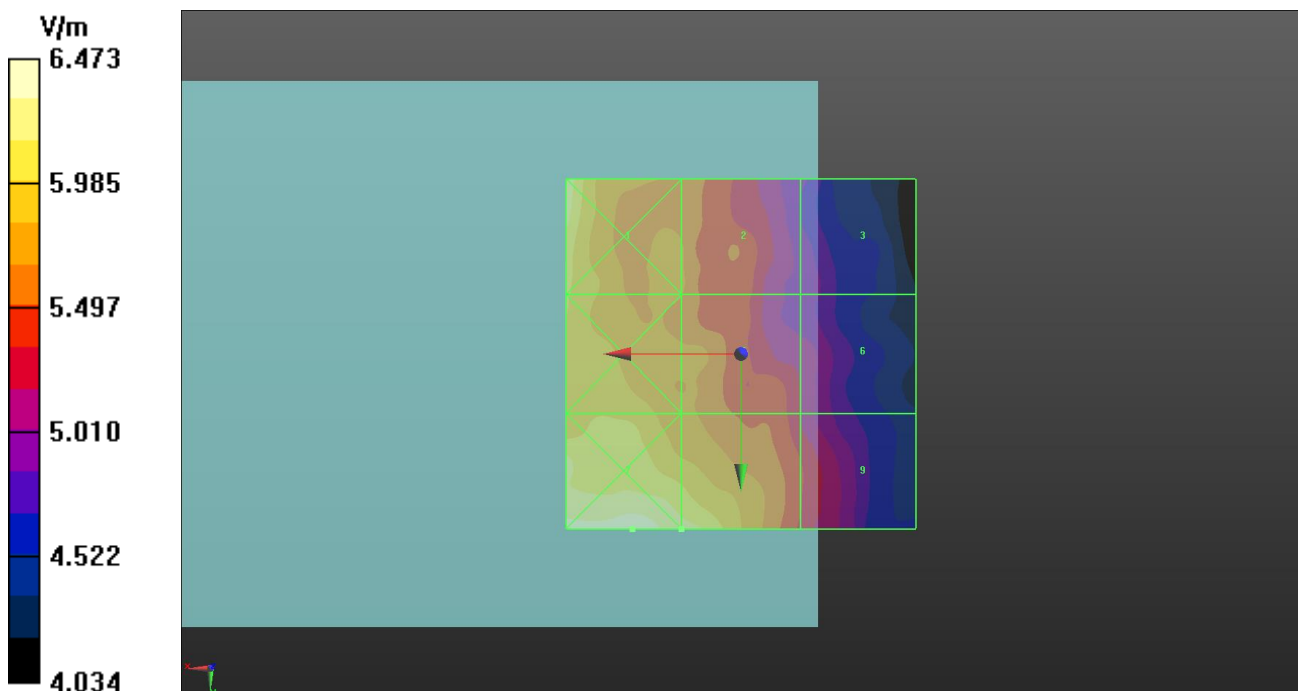
Reference Value = 8.241 V/m; Power Drift = 0.03 dB

Applied MIF = -1.44 dB

RF audio interference level = 15.85 dBV/m

**Emission category: M4**

Grid 1 M4 16.03 dBV/m	Grid 2 M4 15.13 dBV/m	Grid 3 M4 13.98 dBV/m
Grid 4 M4 15.59 dBV/m	Grid 5 M4 15.13 dBV/m	Grid 6 M4 14.3 dBV/m
Grid 7 M4 16.22 dBV/m	Grid 8 M4 15.85 dBV/m	Grid 9 M4 14.59 dBV/m



Date: 2023/11/20

**20 RF\_E-Field\_LTE 38\_QPSK20M\_Ch38000\_1RB\_OS0\_Ant 0**

**DUT: Smart-Ex 03**

Communication System: UID 10173 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2595 MHz; Duty Cycle: 1:8.87

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

Ambient Temperature : 22.3 °C

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EF3DV3 - SN4087; ConvF(1, 1, 1) @ 2595 MHz; Calibrated: 2023/8/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- 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)

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

Device Reference Point: 0, 0, -6.3 mm

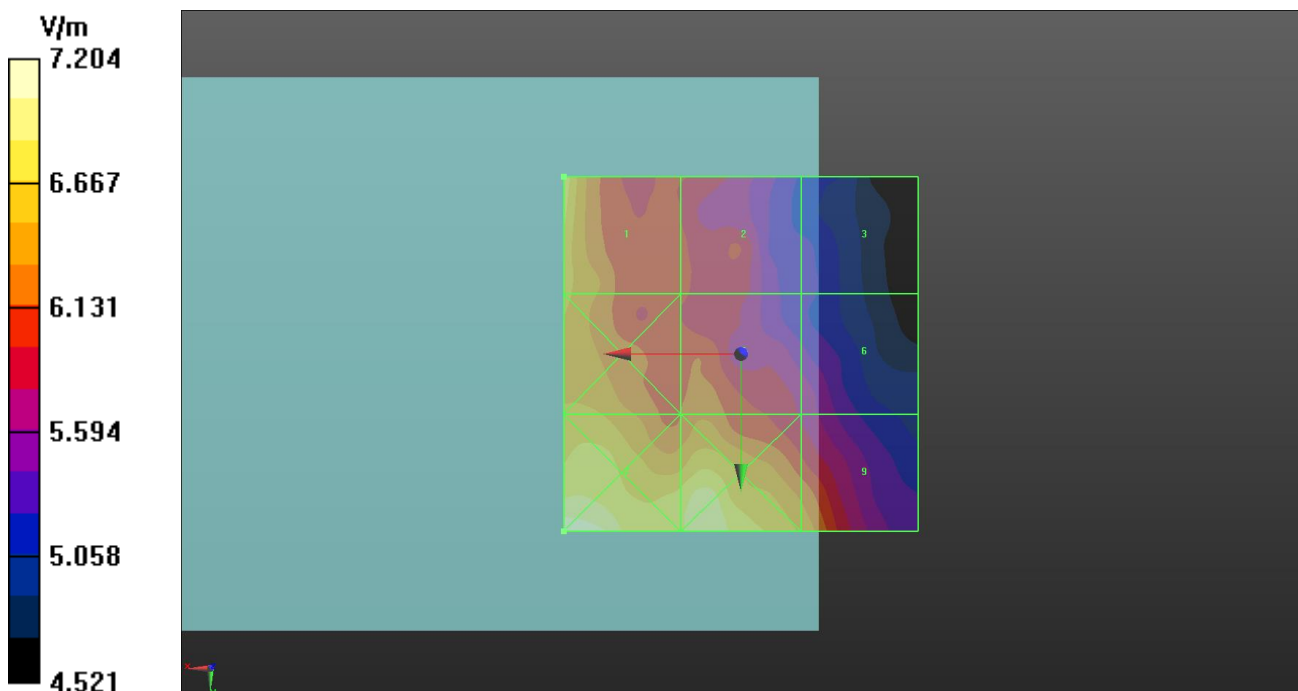
Reference Value = 8.465 V/m; Power Drift = 0.16 dB

Applied MIF = -1.44 dB

RF audio interference level = 16.71 dBV/m

**Emission category: M4**

Grid 1 M4 16.71 dBV/m	Grid 2 M4 15.64 dBV/m	Grid 3 M4 14.56 dBV/m
Grid 4 M4 16.32 dBV/m	Grid 5 M4 15.95 dBV/m	Grid 6 M4 15.19 dBV/m
Grid 7 M4 17.15 dBV/m	Grid 8 M4 16.91 dBV/m	Grid 9 M4 16.21 dBV/m



Date: 2023/11/20

**21 RF\_E-Field\_LTE 38\_QPSK20M\_Ch38150\_1RB\_OS0\_Ant 0**

**DUT: Smart-Ex 03**

Communication System: UID 10173 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2610 MHz; Duty Cycle: 1:8.87

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

Ambient Temperature : 22.3 °C

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EF3DV3 - SN4087; ConvF(1, 1, 1) @ 2610 MHz; Calibrated: 2023/8/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- 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)

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

Device Reference Point: 0, 0, -6.3 mm

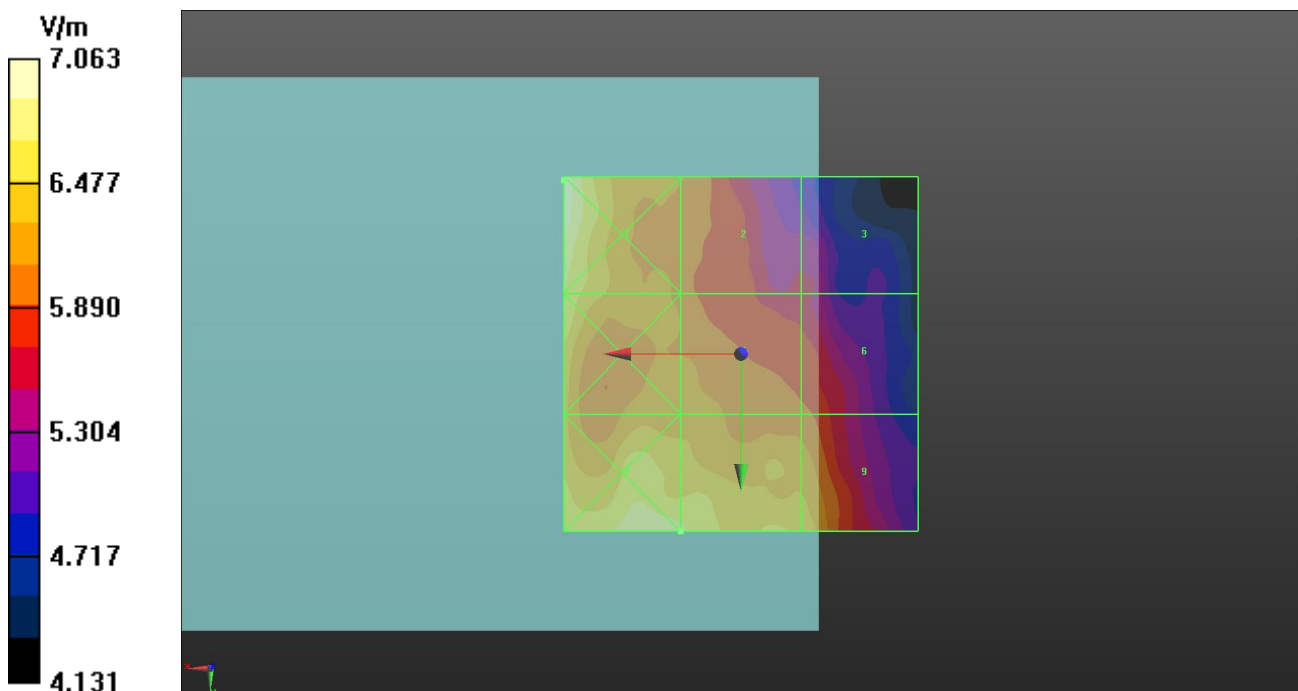
Reference Value = 8.688 V/m; Power Drift = 0.07 dB

Applied MIF = -1.44 dB

RF audio interference level = 16.59 dBV/m

**Emission category: M4**

Grid 1 M4 16.98 dBV/m	Grid 2 M4 15.72 dBV/m	Grid 3 M4 14.96 dBV/m
Grid 4 M4 16.53 dBV/m	Grid 5 M4 15.89 dBV/m	Grid 6 M4 15.52 dBV/m
Grid 7 M4 16.7 dBV/m	Grid 8 M4 16.59 dBV/m	Grid 9 M4 16.17 dBV/m



Date: 2023/11/20

**22 RF\_E-Field\_LTE 38\_QPSK20M\_Ch37850\_1RB\_OS0\_Ant 1**

**DUT: Smart-Ex 03**

Communication System: UID 10173 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2580 MHz; Duty Cycle: 1:8.87

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

Ambient Temperature : 22.3 °C

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EF3DV3 - SN4087; ConvF(1, 1, 1) @ 2580 MHz; Calibrated: 2023/8/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- 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)

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

Device Reference Point: 0, 0, -6.3 mm

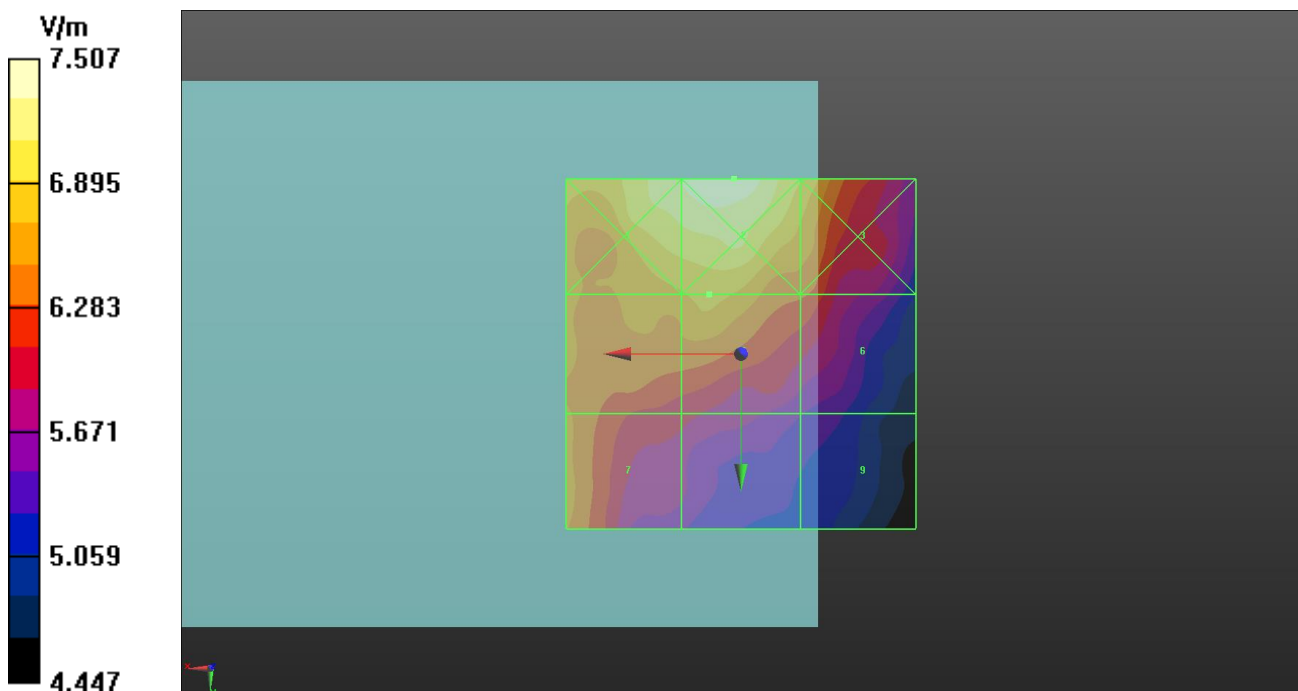
Reference Value = 9.736 V/m; Power Drift = -0.17 dB

Applied MIF = -1.44 dB

RF audio interference level = 16.58 dBV/m

**Emission category: M4**

Grid 1 M4 17.28 dBV/m	Grid 2 M4 17.51 dBV/m	Grid 3 M4 16.8 dBV/m
Grid 4 M4 16.49 dBV/m	Grid 5 M4 16.58 dBV/m	Grid 6 M4 16.03 dBV/m
Grid 7 M4 16.37 dBV/m	Grid 8 M4 15.54 dBV/m	Grid 9 M4 14.8 dBV/m



Date: 2023/11/20

**23 RF\_E-Field\_LTE 38\_QPSK20M\_Ch38000\_1RB\_OS0\_Ant 1**

**DUT: Smart-Ex 03**

Communication System: UID 10173 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2595 MHz; Duty Cycle: 1:8.87

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

Ambient Temperature : 22.3 °C

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EF3DV3 - SN4087; ConvF(1, 1, 1) @ 2595 MHz; Calibrated: 2023/8/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- 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)

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

Device Reference Point: 0, 0, -6.3 mm

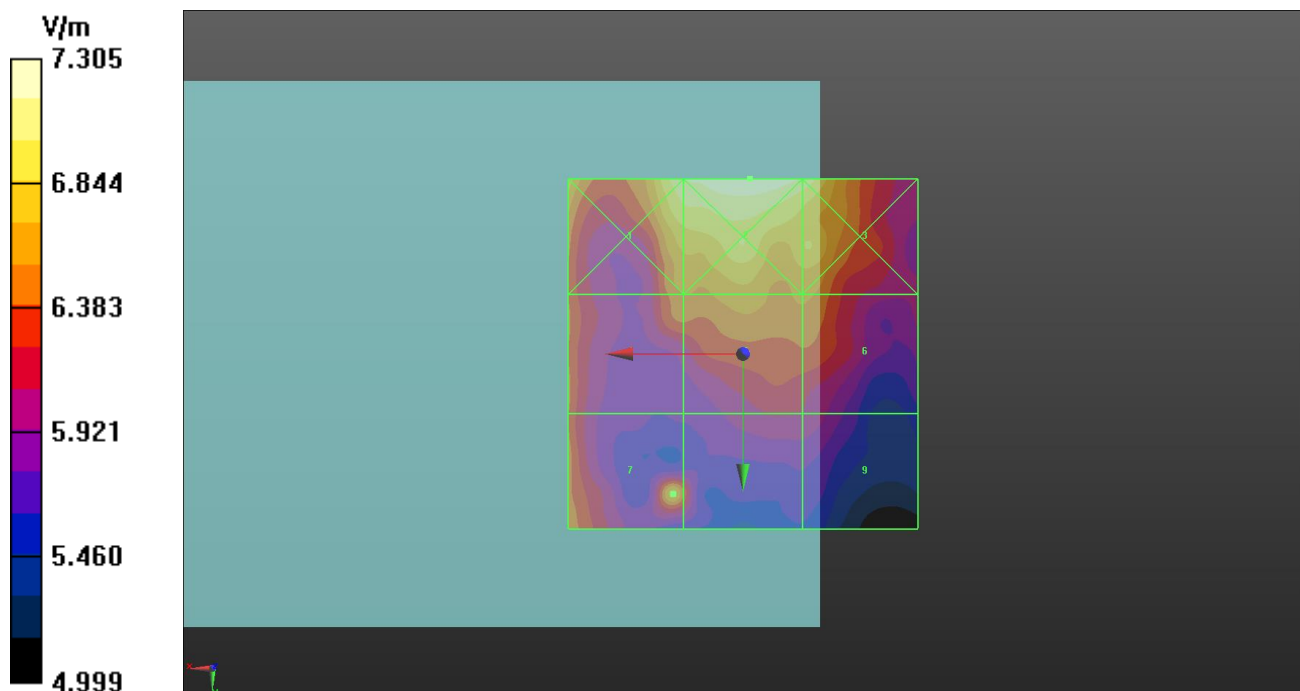
Reference Value = 9.423 V/m; Power Drift = 0.00 dB

Applied MIF = -1.44 dB

RF audio interference level = 16.60 dBV/m

**Emission category: M4**

Grid 1 M4 17.08 dBV/m	Grid 2 M4 17.27 dBV/m	Grid 3 M4 17.07 dBV/m
Grid 4 M4 16.3 dBV/m	Grid 5 M4 16.43 dBV/m	Grid 6 M4 16.36 dBV/m
Grid 7 M4 16.6 dBV/m	Grid 8 M4 16.11 dBV/m	Grid 9 M4 15.66 dBV/m





Date: 2023/11/20

**24 RF\_E-Field\_LTE 38\_QPSK20M\_Ch38150\_1RB\_OS0\_Ant 1**

**DUT: Smart-Ex 03**

Communication System: UID 10173 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2610 MHz; Duty Cycle: 1:8.87

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

Ambient Temperature : 22.3 °C

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EF3DV3 - SN4087; ConvF(1, 1, 1) @ 2610 MHz; Calibrated: 2023/8/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- 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)

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

Device Reference Point: 0, 0, -6.3 mm

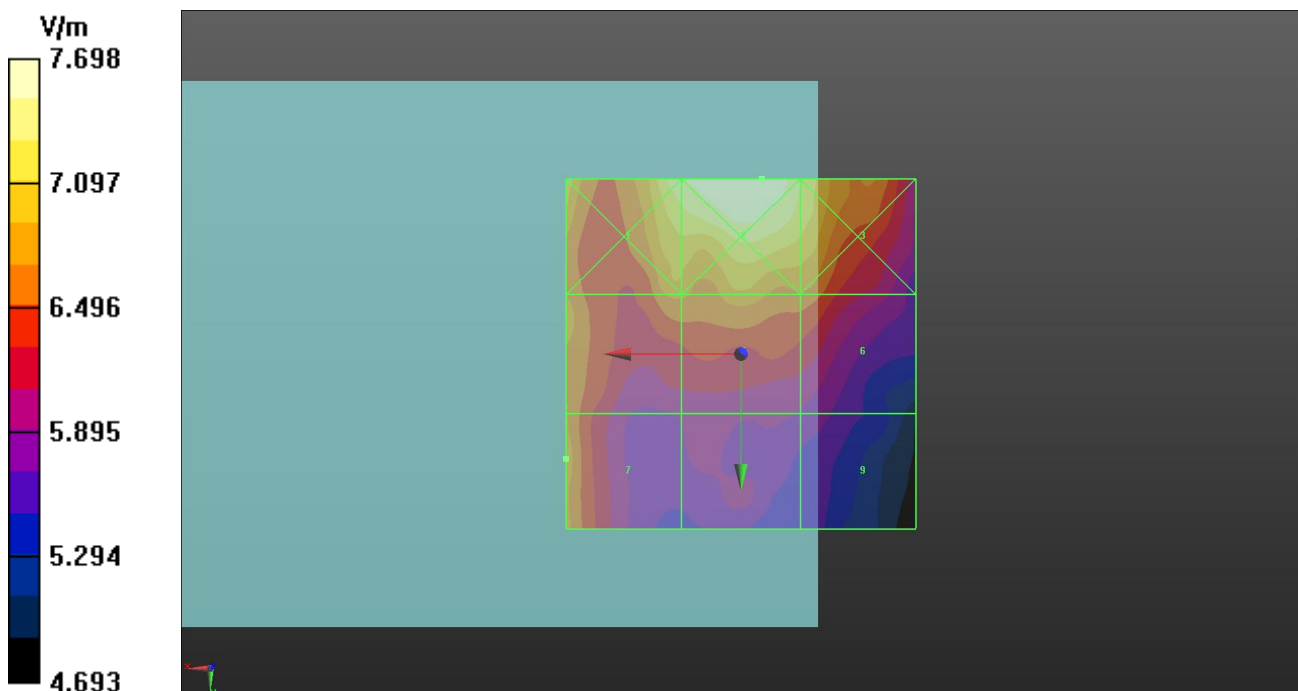
Reference Value = 10.13 V/m; Power Drift = -0.08 dB

Applied MIF = -1.44 dB

RF audio interference level = 16.72 dBV/m

**Emission category: M4**

Grid 1 M4 17.47 dBV/m	Grid 2 M4 17.73 dBV/m	Grid 3 M4 17.26 dBV/m
Grid 4 M4 16.68 dBV/m	Grid 5 M4 16.71 dBV/m	Grid 6 M4 16.47 dBV/m
Grid 7 M4 16.72 dBV/m	Grid 8 M4 15.67 dBV/m	Grid 9 M4 15.39 dBV/m



Date: 2023/11/20

**25 RF\_E-Field\_LTE 38\_QPSK20M\_Ch37850\_1RB\_OS0\_Ant 2**

**DUT: Smart-Ex 03**

Communication System: UID 10173 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2580 MHz;Duty Cycle: 1:8.87

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

Ambient Temperature : 22.3 °C

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EF3DV3 - SN4087; ConvF(1, 1, 1) @ 2580 MHz; Calibrated: 2023/8/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- 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)

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

Device Reference Point: 0, 0, -6.3 mm

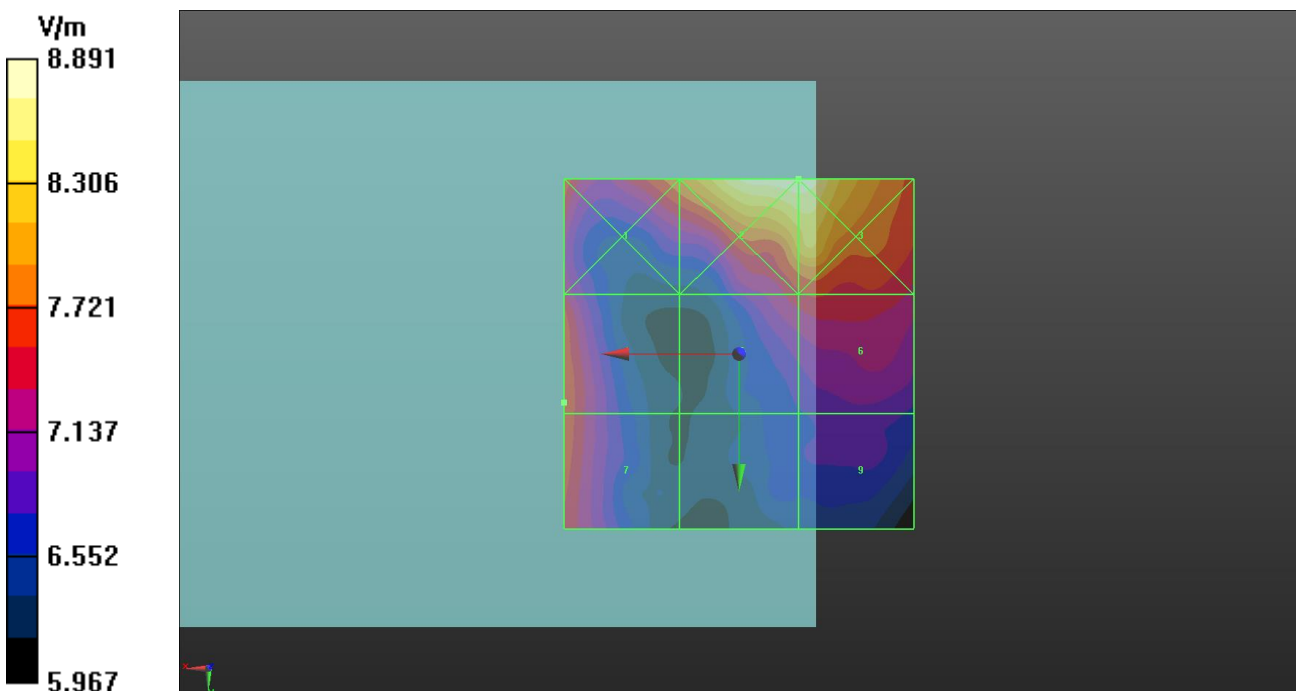
Reference Value = 10.01 V/m; Power Drift = 0.04 dB

Applied MIF = -1.44 dB

RF audio interference level = 17.78 dBV/m

**Emission category: M4**

Grid 1 M4 17.98 dBV/m	Grid 2 M4 18.98 dBV/m	Grid 3 M4 18.98 dBV/m
Grid 4 M4 17.78 dBV/m	Grid 5 M4 17.48 dBV/m	Grid 6 M4 17.57 dBV/m
Grid 7 M4 17.77 dBV/m	Grid 8 M4 16.56 dBV/m	Grid 9 M4 16.8 dBV/m



Date: 2023/11/20

**26 RF\_E-Field\_LTE 38\_QPSK20M\_Ch38000\_1RB\_OS0\_Ant 2**

**DUT: Smart-Ex 03**

Communication System: UID 10173 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2595 MHz;Duty Cycle: 1:8.87

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

Ambient Temperature : 22.3 °C

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EF3DV3 - SN4087; ConvF(1, 1, 1) @ 2595 MHz; Calibrated: 2023/8/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- 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)

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

Device Reference Point: 0, 0, -6.3 mm

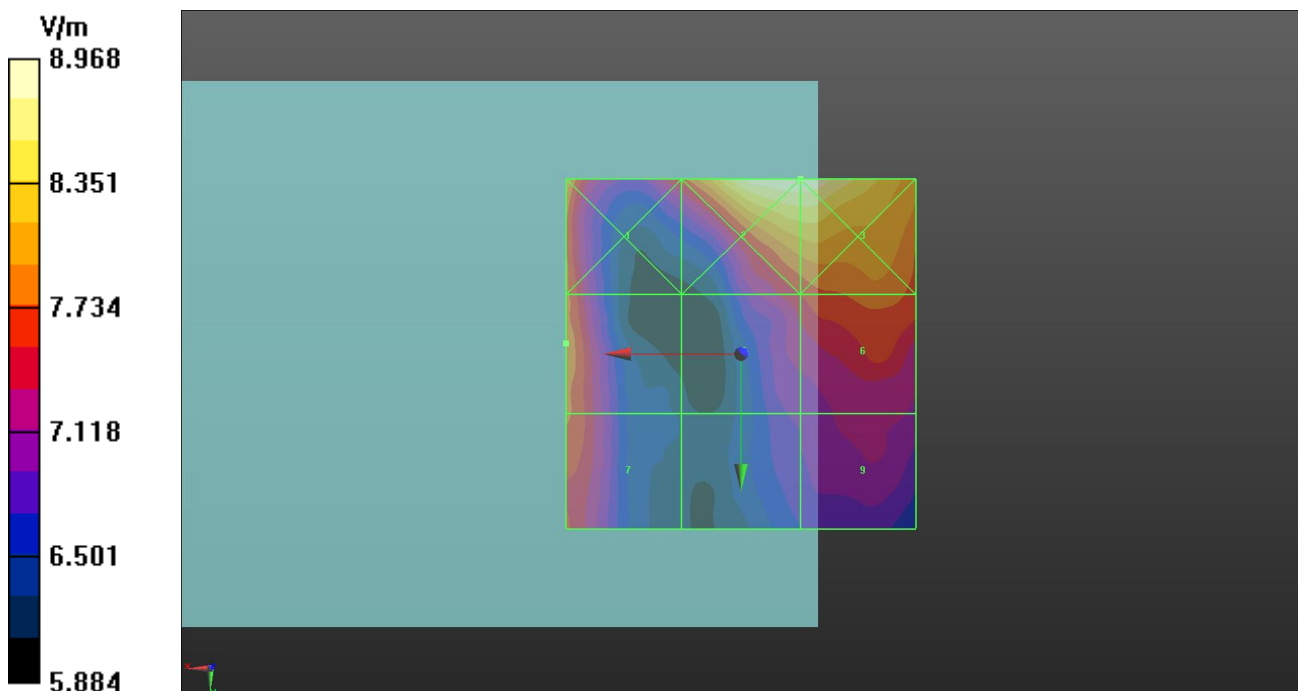
Reference Value = 10.12 V/m; Power Drift = -0.12 dB

Applied MIF = -1.44 dB

RF audio interference level = 17.95 dBV/m

**Emission category: M4**

Grid 1 M4 18.27 dBV/m	Grid 2 M4 19.05 dBV/m	Grid 3 M4 19.05 dBV/m
Grid 4 M4 17.95 dBV/m	Grid 5 M4 17.55 dBV/m	Grid 6 M4 17.9 dBV/m
Grid 7 M4 17.81 dBV/m	Grid 8 M4 16.86 dBV/m	Grid 9 M4 17.15 dBV/m



Date: 2023/11/20

**27 RF\_E-Field\_LTE 38\_QPSK20M\_Ch38150\_1RB\_OS0\_Ant 2**

**DUT: Smart-Ex 03**

Communication System: UID 10173 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2610 MHz; Duty Cycle: 1:8.87

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

Ambient Temperature : 22.3 °C

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EF3DV3 - SN4087; ConvF(1, 1, 1) @ 2610 MHz; Calibrated: 2023/8/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- 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)

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

Device Reference Point: 0, 0, -6.3 mm

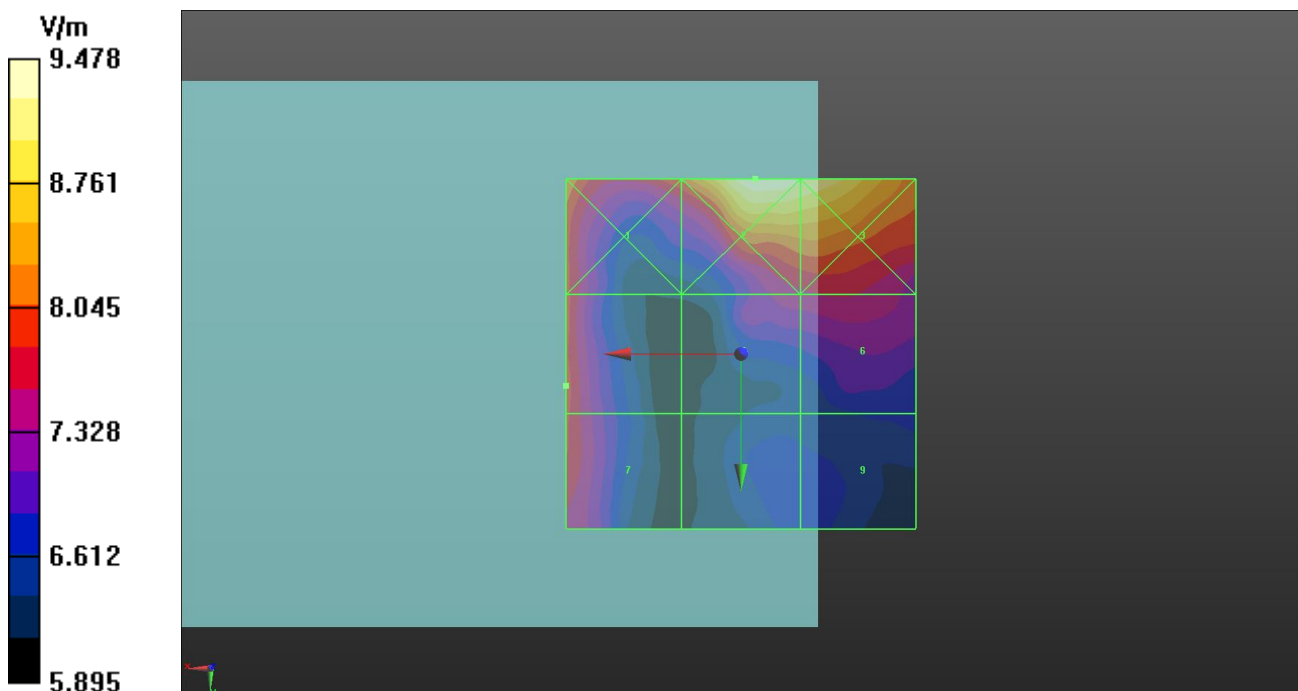
Reference Value = 9.960 V/m; Power Drift = -0.03 dB

Applied MIF = -1.44 dB

RF audio interference level = 18.00 dBV/m

**Emission category: M4**

Grid 1 M4 18.46 dBV/m	Grid 2 M4 19.53 dBV/m	Grid 3 M4 19.36 dBV/m
Grid 4 M4 18 dBV/m	Grid 5 M4 17.51 dBV/m	Grid 6 M4 17.61 dBV/m
Grid 7 M4 17.93 dBV/m	Grid 8 M4 16.69 dBV/m	Grid 9 M4 16.69 dBV/m



Date: 2023/11/20

**28 RF\_E-Field\_LTE 38\_QPSK20M\_Ch37850\_1RB\_OS0\_Ant 3**

**DUT: Smart-Ex 03**

Communication System: UID 10173 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2580 MHz; Duty Cycle: 1:8.87

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

Ambient Temperature : 22.3 °C

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EF3DV3 - SN4087; ConvF(1, 1, 1) @ 2580 MHz; Calibrated: 2023/8/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- 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)

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

Device Reference Point: 0, 0, -6.3 mm

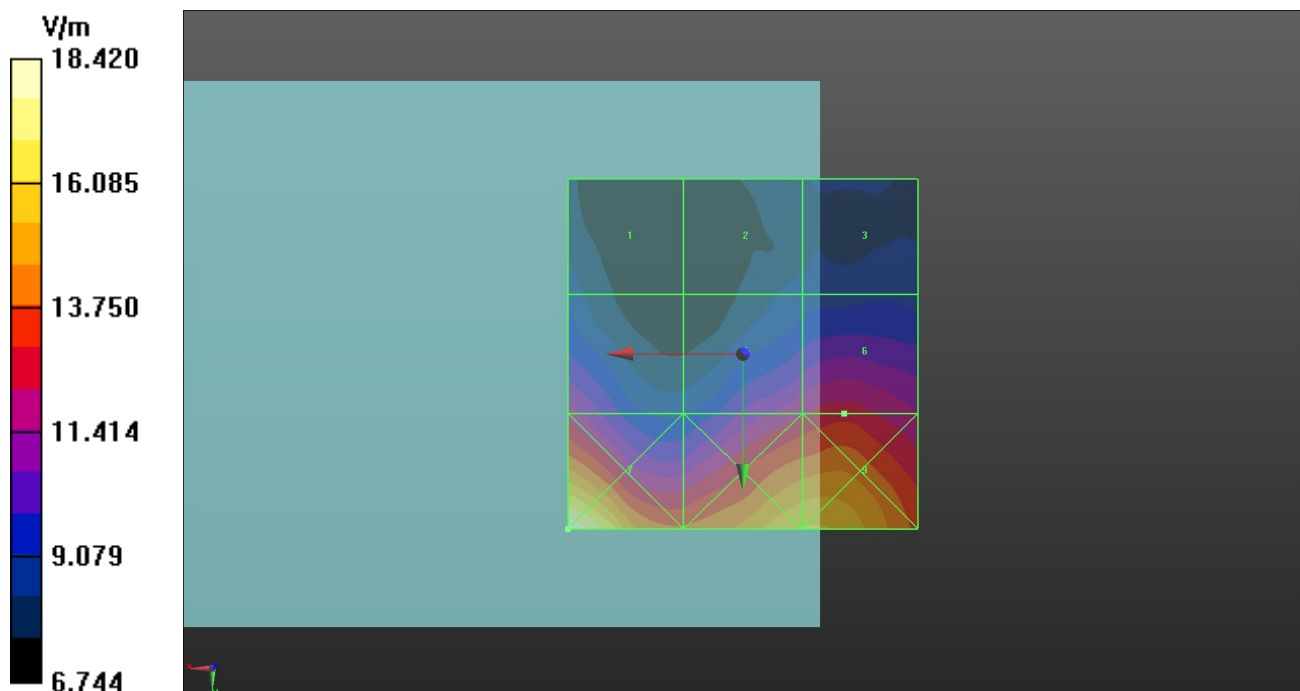
Reference Value = 14.07 V/m; Power Drift = -0.15 dB

Applied MIF = -1.44 dB

RF audio interference level = 22.06 dBV/m

**Emission category: M4**

Grid 1 M4 18.96 dBV/m	Grid 2 M4 18.74 dBV/m	Grid 3 M4 19.12 dBV/m
Grid 4 M4 21.52 dBV/m	Grid 5 M4 21.69 dBV/m	Grid 6 M4 22.06 dBV/m
Grid 7 M4 25.3 dBV/m	Grid 8 M4 24.16 dBV/m	Grid 9 M4 24.18 dBV/m



Date: 2023/11/20

**29 RF\_E-Field\_LTE 38\_QPSK20M\_Ch38000\_1RB\_OS0\_Ant 3**

**DUT: Smart-Ex 03**

Communication System: UID 10173 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2595 MHz; Duty Cycle: 1:8.87

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

Ambient Temperature : 22.3 °C

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EF3DV3 - SN4087; ConvF(1, 1, 1) @ 2595 MHz; Calibrated: 2023/8/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- 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)

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

Device Reference Point: 0, 0, -6.3 mm

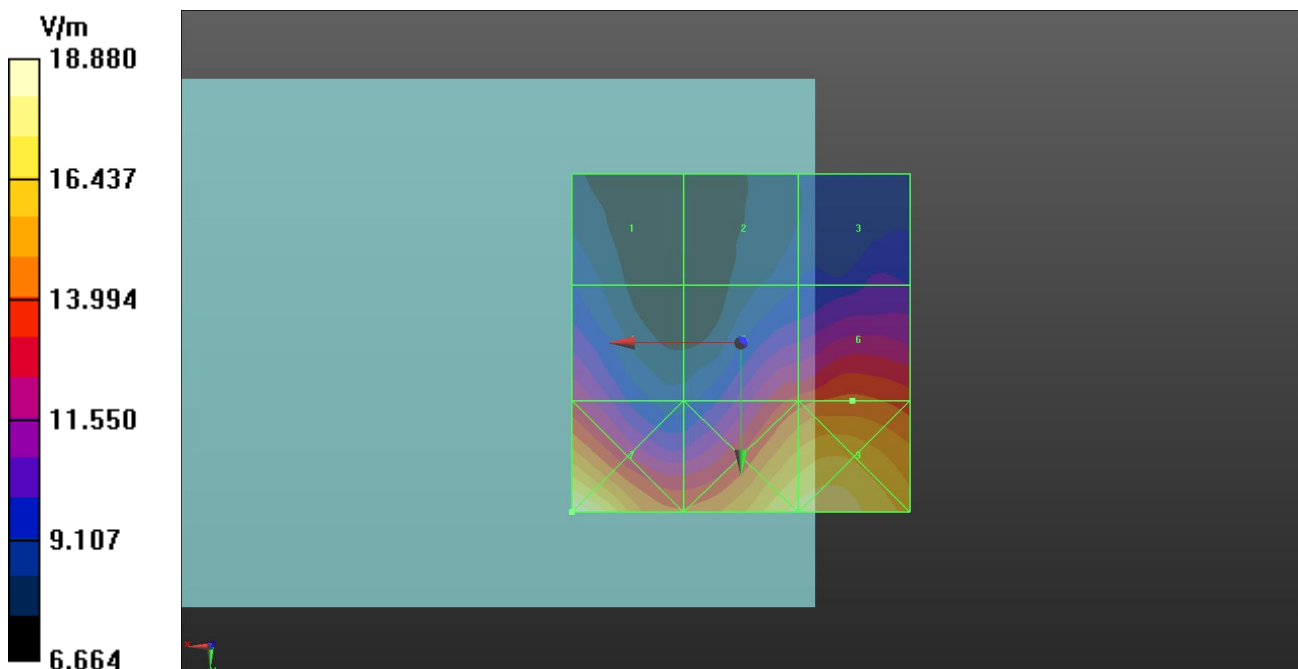
Reference Value = 13.59 V/m; Power Drift = 0.09 dB

Applied MIF = -1.44 dB

RF audio interference level = 23.06 dBV/m

**Emission category: M4**

Grid 1 M4 19.27 dBV/m	Grid 2 M4 19.27 dBV/m	Grid 3 M4 20.16 dBV/m
Grid 4 M4 21.95 dBV/m	Grid 5 M4 22.64 dBV/m	Grid 6 M4 23.06 dBV/m
Grid 7 M4 25.52 dBV/m	Grid 8 M4 24.89 dBV/m	Grid 9 M4 25.02 dBV/m



Date: 2023/11/20

**30 RF\_E-Field\_LTE 38\_QPSK20M\_Ch38150\_1RB\_OS0\_Ant 3**

**DUT: Smart-Ex 03**

Communication System: UID 10173 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2610 MHz; Duty Cycle: 1:8.87

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

Ambient Temperature : 22.3 °C

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EF3DV3 - SN4087; ConvF(1, 1, 1) @ 2610 MHz; Calibrated: 2023/8/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- 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)

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

Device Reference Point: 0, 0, -6.3 mm

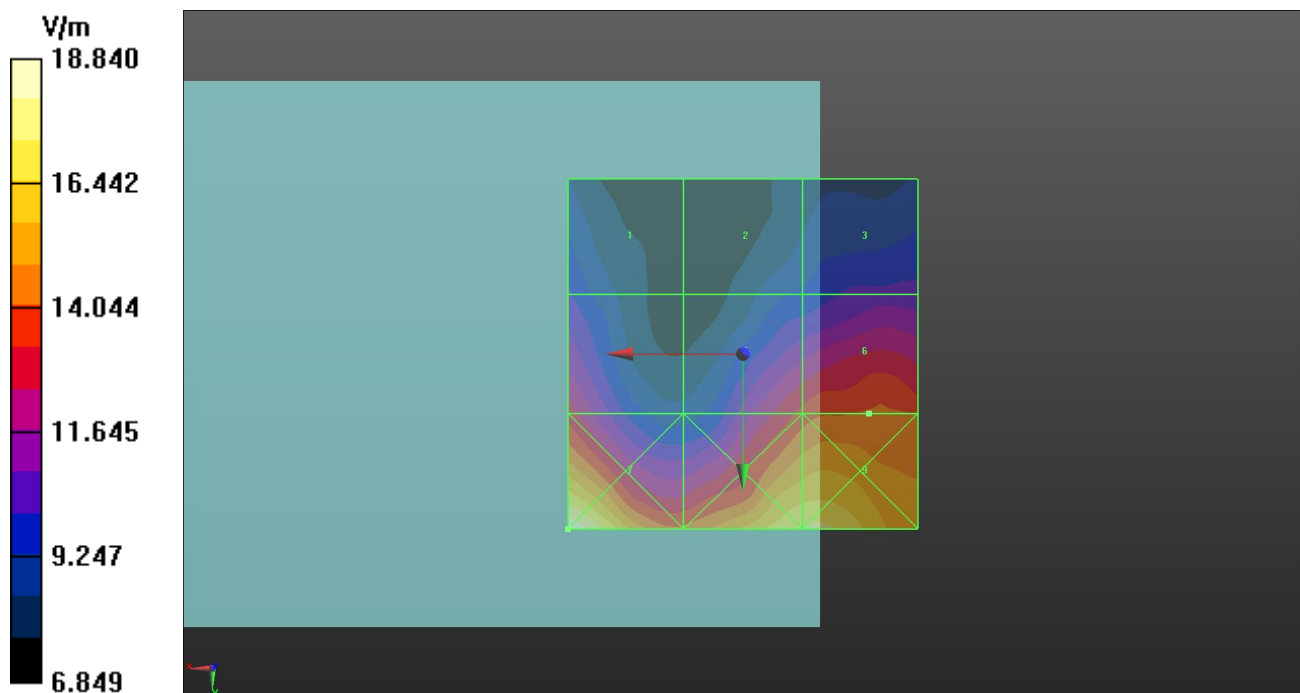
Reference Value = 14.43 V/m; Power Drift = -0.13 dB

Applied MIF = -1.44 dB

RF audio interference level = 23.00 dBV/m

**Emission category: M4**

Grid 1 M4 20.21 dBV/m	Grid 2 M4 19.55 dBV/m	Grid 3 M4 20.36 dBV/m
Grid 4 M4 22.25 dBV/m	Grid 5 M4 22.64 dBV/m	Grid 6 M4 23 dBV/m
Grid 7 M4 25.5 dBV/m	Grid 8 M4 24.82 dBV/m	Grid 9 M4 24.86 dBV/m



Date: 2023/11/20

**31 RF\_E-Field\_LTE 40\_QPSK20M\_Ch38750\_1RB\_OS0\_Ant 0**

**DUT: Smart-Ex 03**

Communication System: UID 10173 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2310 MHz; Duty Cycle: 1:8.87

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

Ambient Temperature : 22.5 °C

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EF3DV3 - SN4087; ConvF(1, 1, 1) @ 2310 MHz; Calibrated: 2023/8/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- 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)

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

Device Reference Point: 0, 0, -6.3 mm

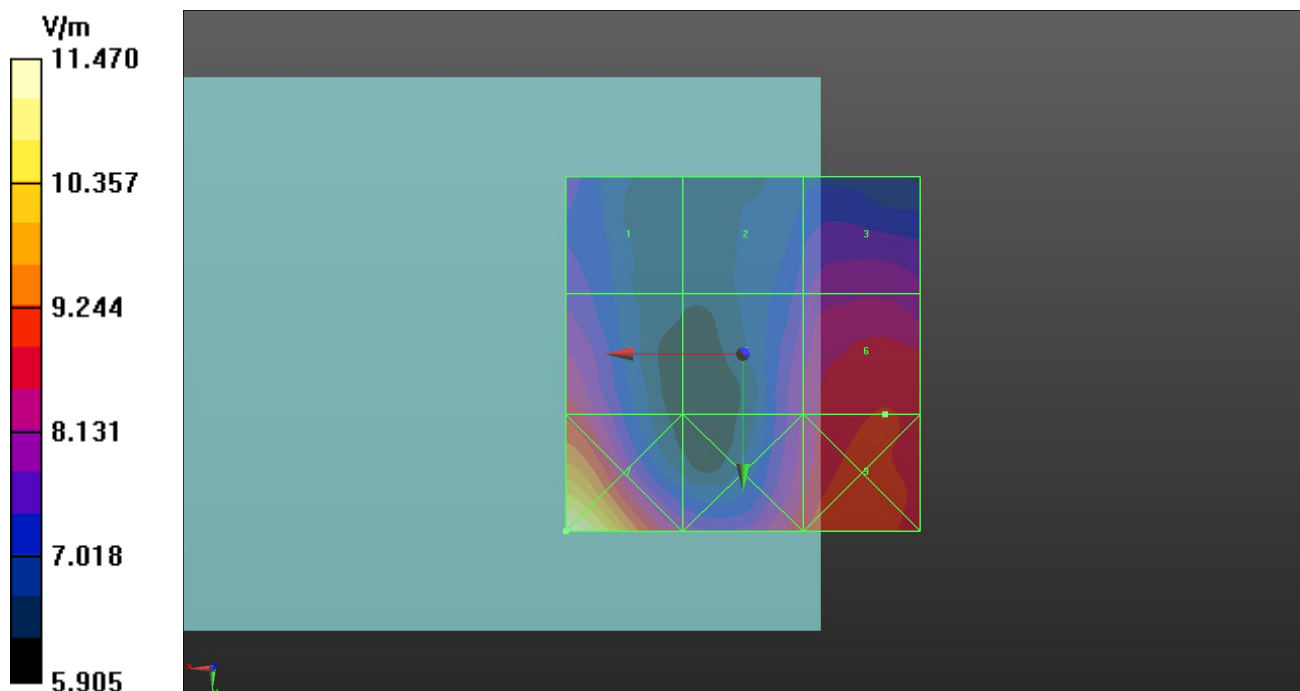
Reference Value = 11.01 V/m; Power Drift = -0.04 dB

Applied MIF = -1.44 dB

RF audio interference level = 18.99 dBV/m

**Emission category: M4**

Grid 1 M4 17.8 dBV/m	Grid 2 M4 17.68 dBV/m	Grid 3 M4 18.18 dBV/m
Grid 4 M4 18.9 dBV/m	Grid 5 M4 18.28 dBV/m	Grid 6 M4 18.99 dBV/m
Grid 7 M4 21.19 dBV/m	Grid 8 M4 18.98 dBV/m	Grid 9 M4 19.3 dBV/m





Date: 2023/11/20

**32 RF\_E-Field\_LTE 40\_QPSK20M\_Ch39150\_1RB\_OS0\_Ant 0**

**DUT: Smart-Ex 03**

Communication System: UID 10173 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2350 MHz; Duty Cycle: 1:8.87

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

Ambient Temperature : 22.5 °C

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EF3DV3 - SN4087; ConvF(1, 1, 1) @ 2350 MHz; Calibrated: 2023/8/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- 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)

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

Device Reference Point: 0, 0, -6.3 mm

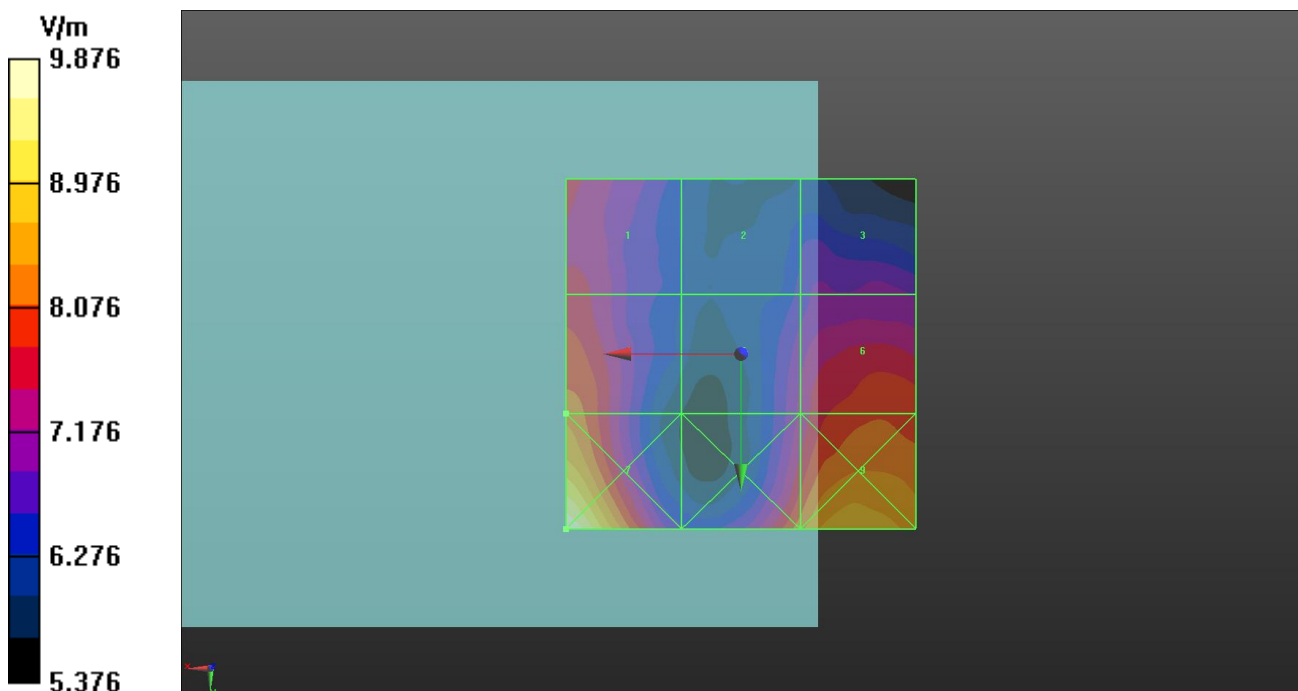
Reference Value = 10.13 V/m; Power Drift = 0.10 dB

Applied MIF = -1.44 dB

RF audio interference level = 18.37 dBV/m

**Emission category: M4**

Grid 1 M4 17.68 dBV/m	Grid 2 M4 16.56 dBV/m	Grid 3 M4 16.93 dBV/m
Grid 4 M4 18.37 dBV/m	Grid 5 M4 17.25 dBV/m	Grid 6 M4 18.11 dBV/m
Grid 7 M4 19.89 dBV/m	Grid 8 M4 18.37 dBV/m	Grid 9 M4 19 dBV/m



Date: 2023/11/20

**33 RF\_E-Field\_LTE 40\_QPSK20M\_Ch39549\_1RB\_OS0\_Ant 0**

**DUT: Smart-Ex 03**

Communication System: UID 10173 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2389.9 MHz; Duty Cycle: 1:8.87

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

Ambient Temperature : 22.5 °C

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EF3DV3 - SN4087; ConvF(1, 1, 1) @ 2389.9 MHz; Calibrated: 2023/8/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- 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)

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

Device Reference Point: 0, 0, -6.3 mm

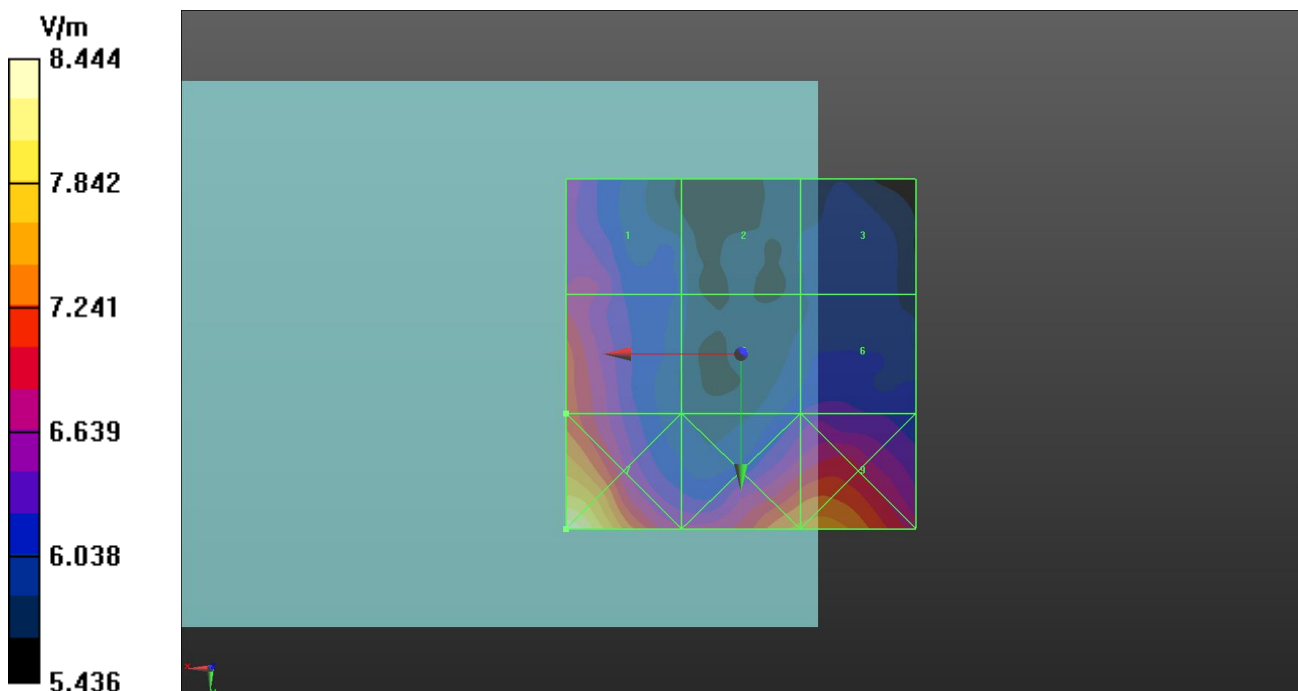
Reference Value = 8.721 V/m; Power Drift = 0.04 dB

Applied MIF = -1.44 dB

RF audio interference level = 17.12 dBV/m

**Emission category: M4**

Grid 1 M4 16.55 dBV/m	Grid 2 M4 15.54 dBV/m	Grid 3 M4 15.63 dBV/m
Grid 4 M4 17.12 dBV/m	Grid 5 M4 15.93 dBV/m	Grid 6 M4 16.07 dBV/m
Grid 7 M4 18.53 dBV/m	Grid 8 M4 17.52 dBV/m	Grid 9 M4 17.56 dBV/m



Date: 2023/11/20

**34 RF\_E-Field\_LTE 40\_QPSK20M\_Ch38750\_1RB\_OS0\_Ant 1**

**DUT: Smart-Ex 03**

Communication System: UID 10173 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2310 MHz; Duty Cycle: 1:8.87

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

Ambient Temperature : 22.5 °C

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EF3DV3 - SN4087; ConvF(1, 1, 1) @ 2310 MHz; Calibrated: 2023/8/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- 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)

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

Device Reference Point: 0, 0, -6.3 mm

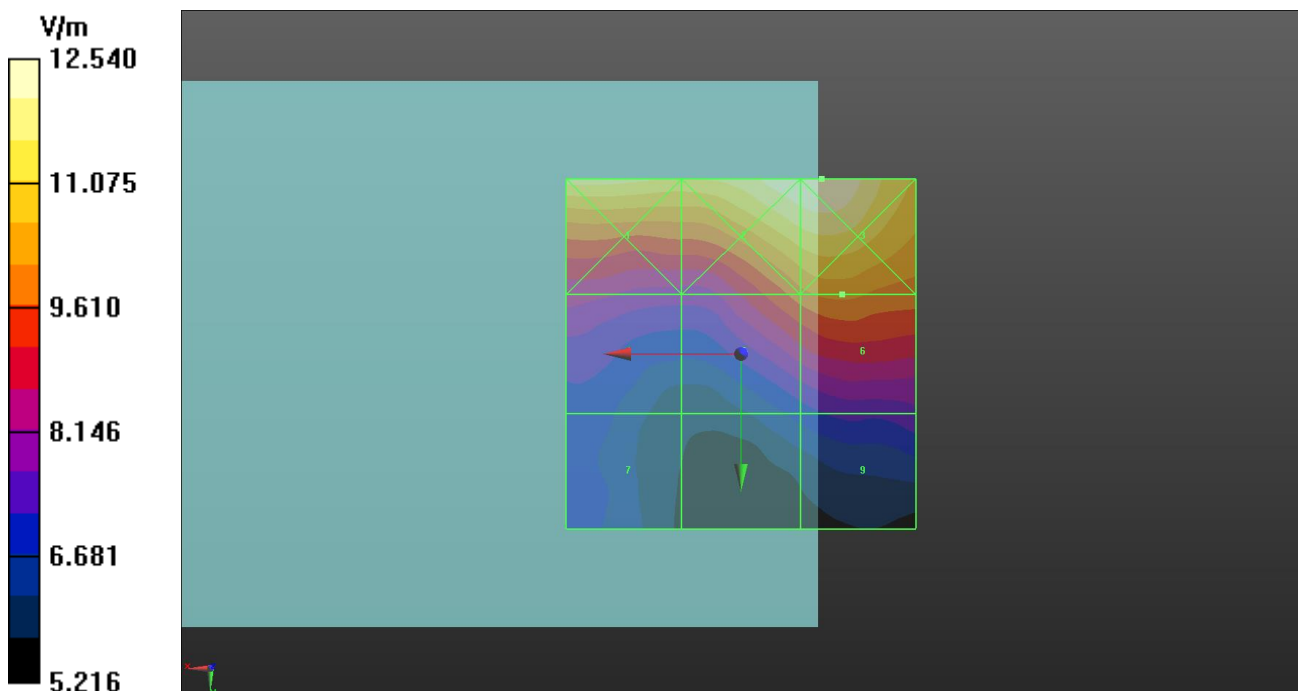
Reference Value = 11.45 V/m; Power Drift = 0.01 dB

Applied MIF = -1.44 dB

RF audio interference level = 20.20 dBV/m

**Emission category: M4**

Grid 1 M4 21.47 dBV/m	Grid 2 M4 21.94 dBV/m	Grid 3 M4 21.96 dBV/m
Grid 4 M4 18.45 dBV/m	Grid 5 M4 19.91 dBV/m	Grid 6 M4 20.2 dBV/m
Grid 7 M4 16.96 dBV/m	Grid 8 M4 16.81 dBV/m	Grid 9 M4 17.61 dBV/m



Date: 2023/11/20

**35 RF\_E-Field\_LTE 40\_QPSK20M\_Ch39150\_1RB\_OS0\_Ant 1**

**DUT: Smart-Ex 03**

Communication System: UID 10173 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2350 MHz;Duty Cycle: 1:8.87

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

Ambient Temperature : 22.5 °C

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EF3DV3 - SN4087; ConvF(1, 1, 1) @ 2350 MHz; Calibrated: 2023/8/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- 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)

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

Device Reference Point: 0, 0, -6.3 mm

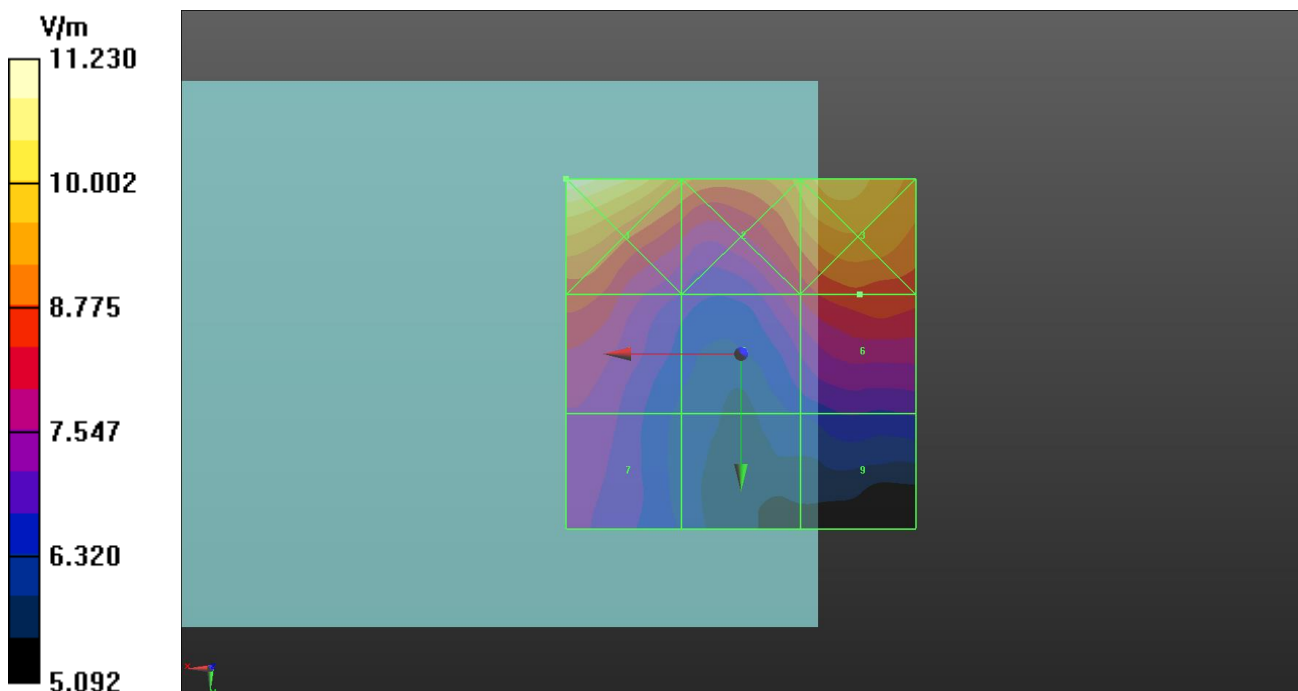
Reference Value = 9.527 V/m; Power Drift = 0.04 dB

Applied MIF = -1.44 dB

RF audio interference level = 18.76 dBV/m

**Emission category: M4**

Grid 1 M4 21.01 dBV/m	Grid 2 M4 19.83 dBV/m	Grid 3 M4 20.26 dBV/m
Grid 4 M4 18.67 dBV/m	Grid 5 M4 18.11 dBV/m	Grid 6 M4 18.76 dBV/m
Grid 7 M4 17.54 dBV/m	Grid 8 M4 16.1 dBV/m	Grid 9 M4 16.66 dBV/m



Date: 2023/11/20

**36 RF\_E-Field\_LTE 40\_QPSK20M\_Ch39549\_1RB\_OS0\_Ant 1**

**DUT: Smart-Ex 03**

Communication System: UID 10173 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2389.9 MHz; Duty Cycle: 1:8.87

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

Ambient Temperature : 22.5 °C

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EF3DV3 - SN4087; ConvF(1, 1, 1) @ 2389.9 MHz; Calibrated: 2023/8/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- 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)

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

Device Reference Point: 0, 0, -6.3 mm

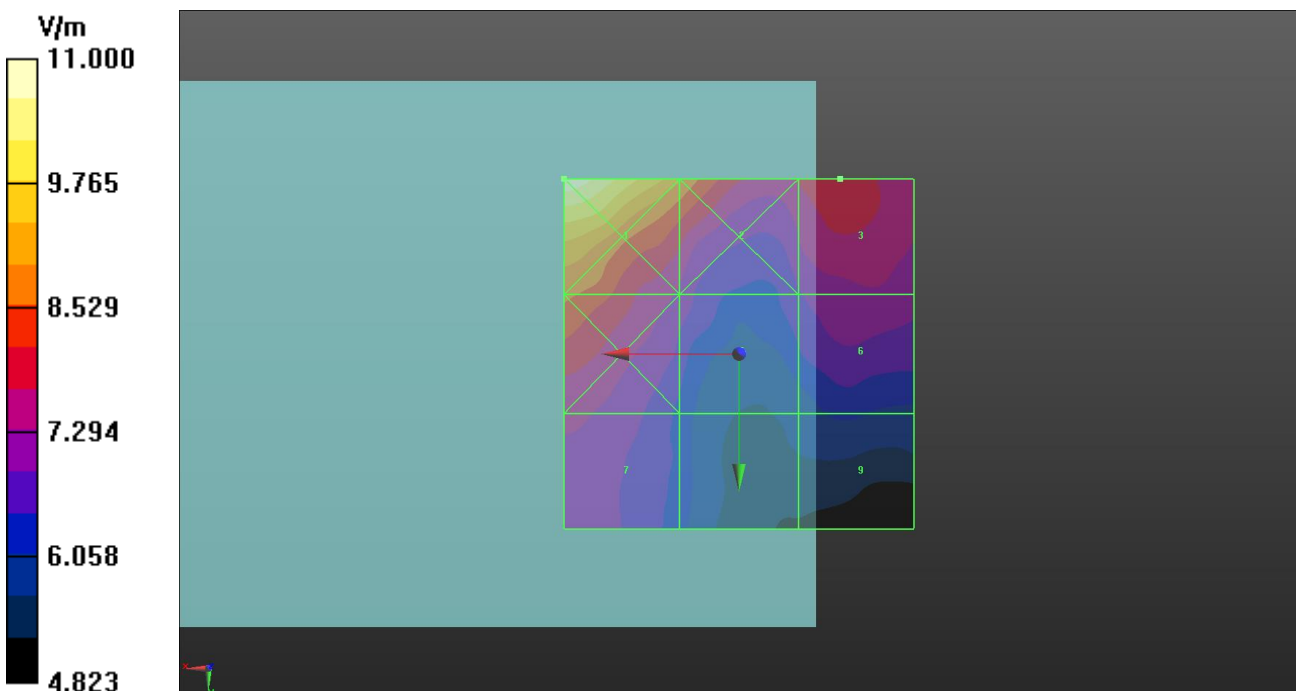
Reference Value = 8.751 V/m; Power Drift = 0.04 dB

Applied MIF = -1.44 dB

RF audio interference level = 18.13 dBV/m

**Emission category: M4**

Grid 1 M4 20.83 dBV/m	Grid 2 M4 19.1 dBV/m	Grid 3 M4 18.13 dBV/m
Grid 4 M4 18.7 dBV/m	Grid 5 M4 17.15 dBV/m	Grid 6 M4 17.2 dBV/m
Grid 7 M4 17.4 dBV/m	Grid 8 M4 16.08 dBV/m	Grid 9 M4 15.78 dBV/m



Date: 2023/11/20

**37 RF\_E-Field\_LTE 40\_QPSK20M\_Ch38750\_1RB\_OS0\_Ant 2**

**DUT: Smart-Ex 03**

Communication System: UID 10173 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2310 MHz; Duty Cycle: 1:8.87

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

Ambient Temperature : 22.5 °C

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EF3DV3 - SN4087; ConvF(1, 1, 1) @ 2310 MHz; Calibrated: 2023/8/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- 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)

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

Device Reference Point: 0, 0, -6.3 mm

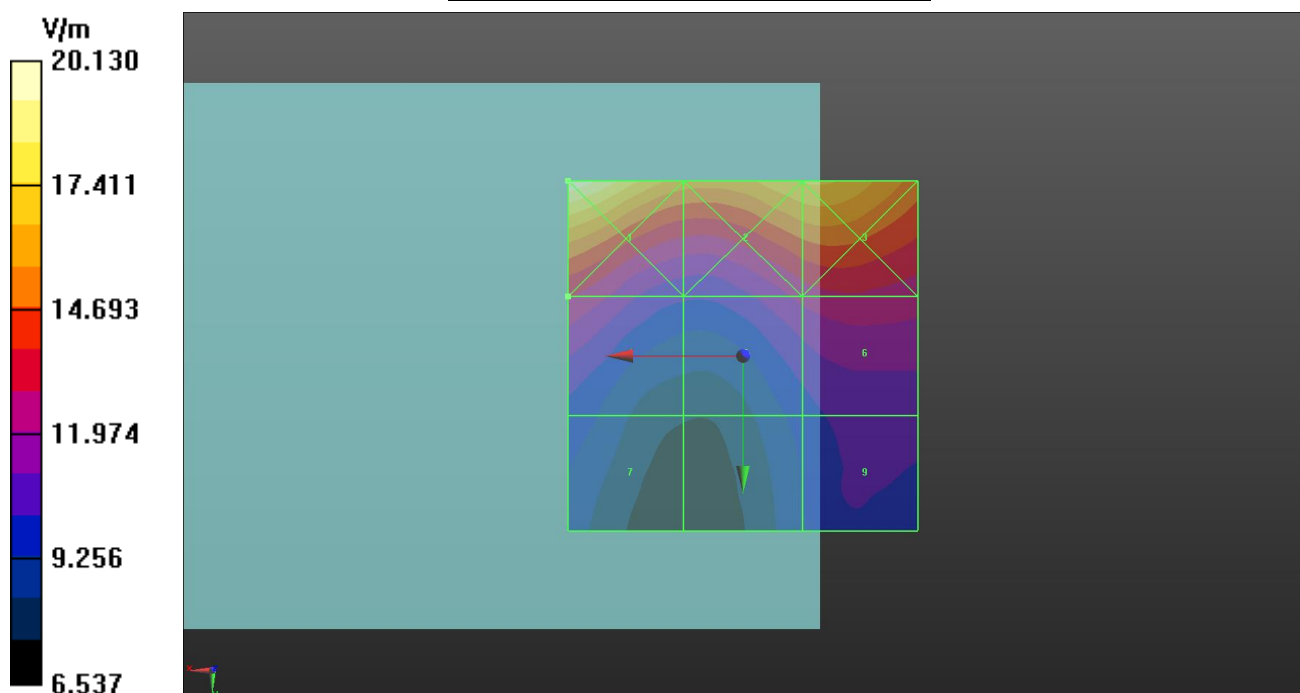
Reference Value = 13.56 V/m; Power Drift = -0.18 dB

Applied MIF = -1.44 dB

RF audio interference level = 22.26 dBV/m

**Emission category: M4**

Grid 1 M4 26.08 dBV/m	Grid 2 M4 24.86 dBV/m	Grid 3 M4 24.9 dBV/m
Grid 4 M4 22.26 dBV/m	Grid 5 M4 21.81 dBV/m	Grid 6 M4 22.14 dBV/m
Grid 7 M4 19.92 dBV/m	Grid 8 M4 19.77 dBV/m	Grid 9 M4 20.5 dBV/m



Date: 2023/11/20

**38 RF\_E-Field\_LTE 40\_QPSK20M\_Ch39150\_1RB\_OS0\_Ant 2**

**DUT: Smart-Ex 03**

Communication System: UID 10173 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2350 MHz; Duty Cycle: 1:8.87

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

Ambient Temperature : 22.5 °C

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EF3DV3 - SN4087; ConvF(1, 1, 1) @ 2350 MHz; Calibrated: 2023/8/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- 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)

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

Device Reference Point: 0, 0, -6.3 mm

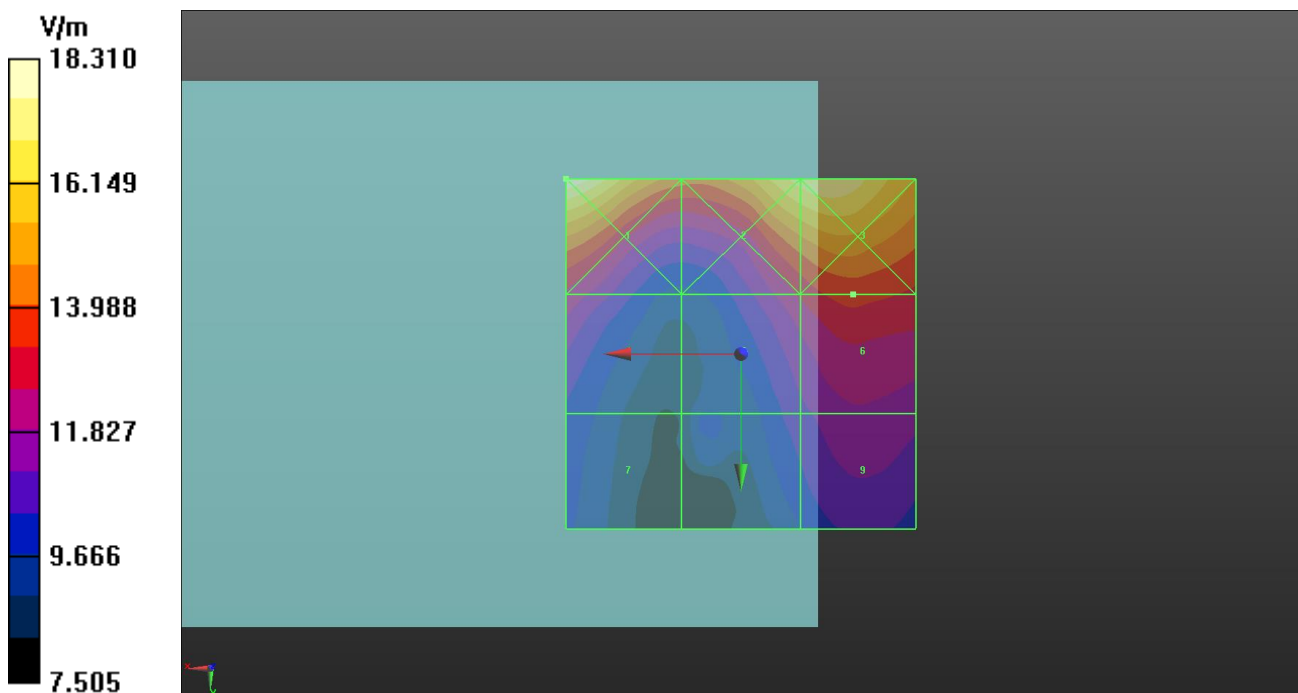
Reference Value = 14.32 V/m; Power Drift = -0.13 dB

Applied MIF = -1.44 dB

RF audio interference level = 22.65 dBV/m

**Emission category: M4**

Grid 1 M4 25.25 dBV/m	Grid 2 M4 24.73 dBV/m	Grid 3 M4 24.9 dBV/m
Grid 4 M4 21.9 dBV/m	Grid 5 M4 22.08 dBV/m	Grid 6 M4 22.65 dBV/m
Grid 7 M4 20.25 dBV/m	Grid 8 M4 20.74 dBV/m	Grid 9 M4 21.41 dBV/m



Date: 2023/11/20

**39 RF\_E-Field\_LTE 40\_QPSK20M\_Ch39549\_1RB\_OS0\_Ant 2**

**DUT: Smart-Ex 03**

Communication System: UID 10173 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2389.9 MHz; Duty Cycle: 1:8.87

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

Ambient Temperature : 22.5 °C

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EF3DV3 - SN4087; ConvF(1, 1, 1) @ 2389.9 MHz; Calibrated: 2023/8/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- 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)

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

Device Reference Point: 0, 0, -6.3 mm

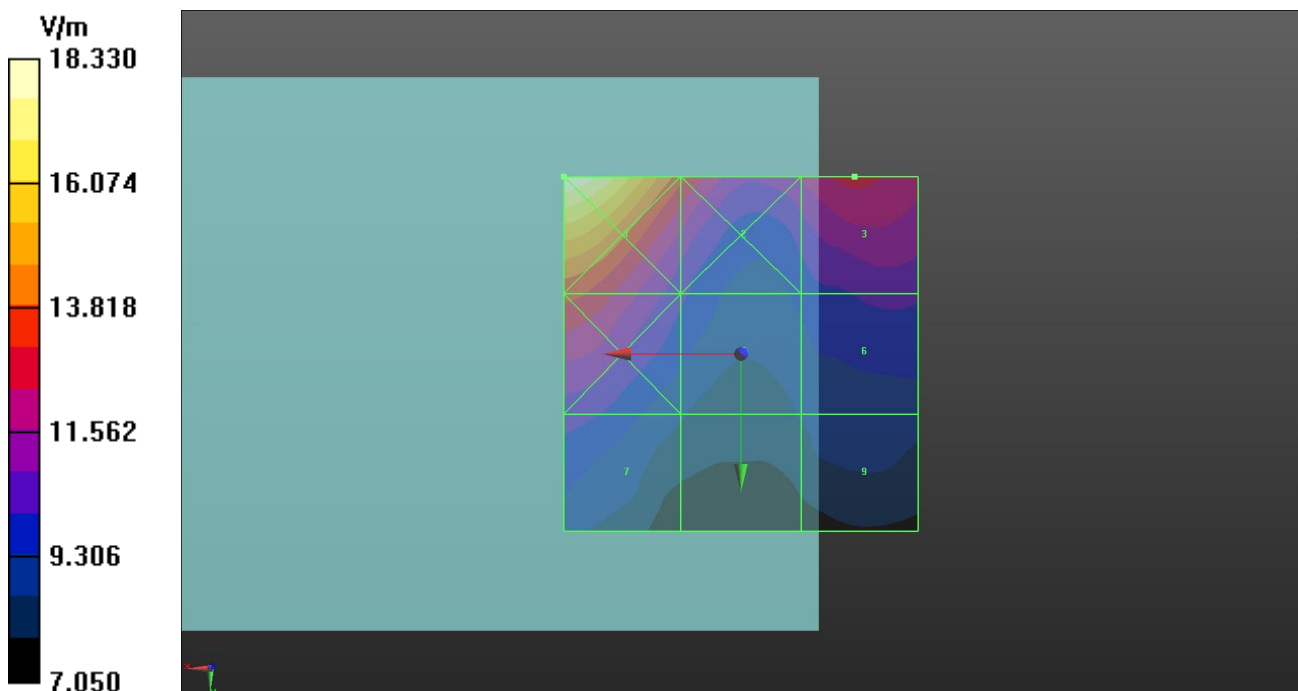
Reference Value = 11.31 V/m; Power Drift = 0.03 dB

Applied MIF = -1.44 dB

RF audio interference level = 21.99 dBV/m

**Emission category: M4**

Grid 1 M4 25.26 dBV/m	Grid 2 M4 22.58 dBV/m	Grid 3 M4 21.99 dBV/m
Grid 4 M4 22.52 dBV/m	Grid 5 M4 20.27 dBV/m	Grid 6 M4 20.32 dBV/m
Grid 7 M4 20.36 dBV/m	Grid 8 M4 18.78 dBV/m	Grid 9 M4 19.19 dBV/m





Date: 2023/11/20

**40 RF\_E-Field\_LTE 40\_QPSK20M\_Ch38750\_1RB\_OS0\_Ant 3**

**DUT: Smart-Ex 03**

Communication System: UID 10173 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2310 MHz; Duty Cycle: 1:8.87

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

Ambient Temperature : 22.5 °C

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EF3DV3 - SN4087; ConvF(1, 1, 1) @ 2310 MHz; Calibrated: 2023/8/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- 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)

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

Device Reference Point: 0, 0, -6.3 mm

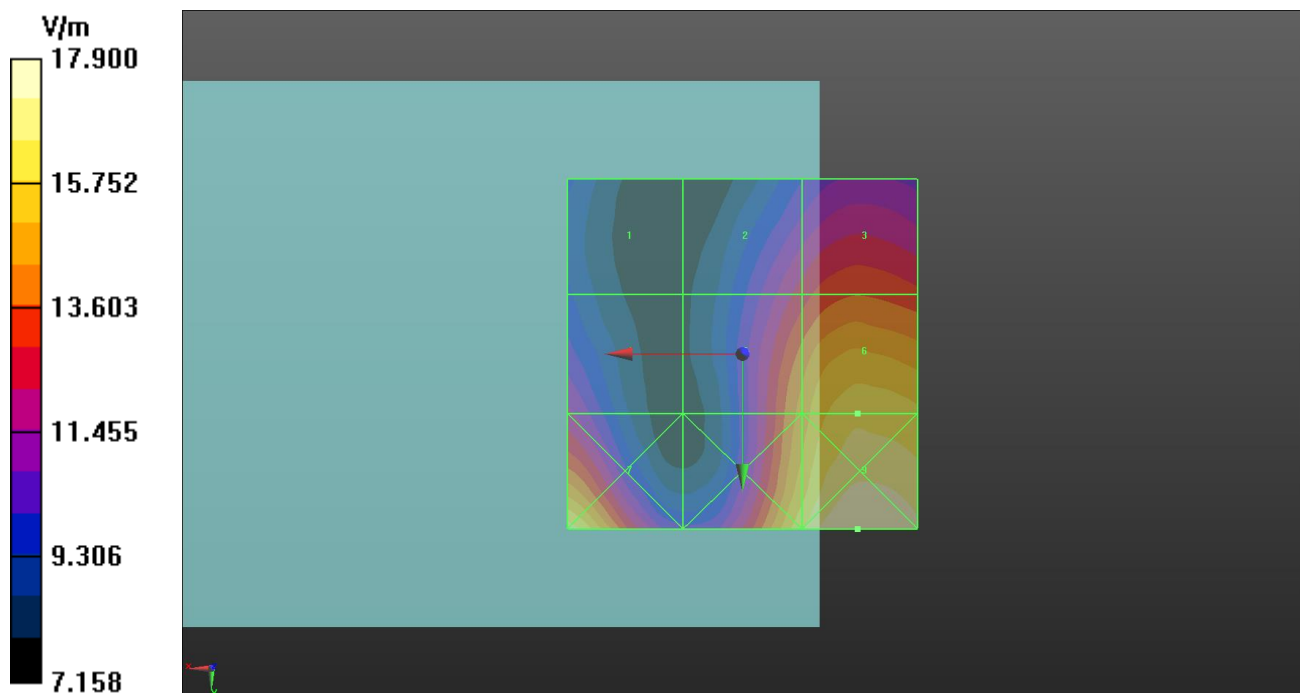
Reference Value = 17.72 V/m; Power Drift = 0.15 dB

Applied MIF = -1.44 dB

RF audio interference level = 24.22 dBV/m

**Emission category: M4**

Grid 1 M4 19.67 dBV/m	Grid 2 M4 21.98 dBV/m	Grid 3 M4 22.67 dBV/m
Grid 4 M4 21.38 dBV/m	Grid 5 M4 23.31 dBV/m	Grid 6 M4 24.22 dBV/m
Grid 7 M4 24.58 dBV/m	Grid 8 M4 24.29 dBV/m	Grid 9 M4 25.06 dBV/m



Date: 2023/11/20

**41 RF\_E-Field\_LTE 40\_QPSK20M\_Ch39150\_1RB\_OS0\_Ant 3**

**DUT: Smart-Ex 03**

Communication System: UID 10173 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2350 MHz; Duty Cycle: 1:8.87

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

Ambient Temperature : 22.5 °C

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EF3DV3 - SN4087; ConvF(1, 1, 1) @ 2350 MHz; Calibrated: 2023/8/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- 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)

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

Device Reference Point: 0, 0, -6.3 mm

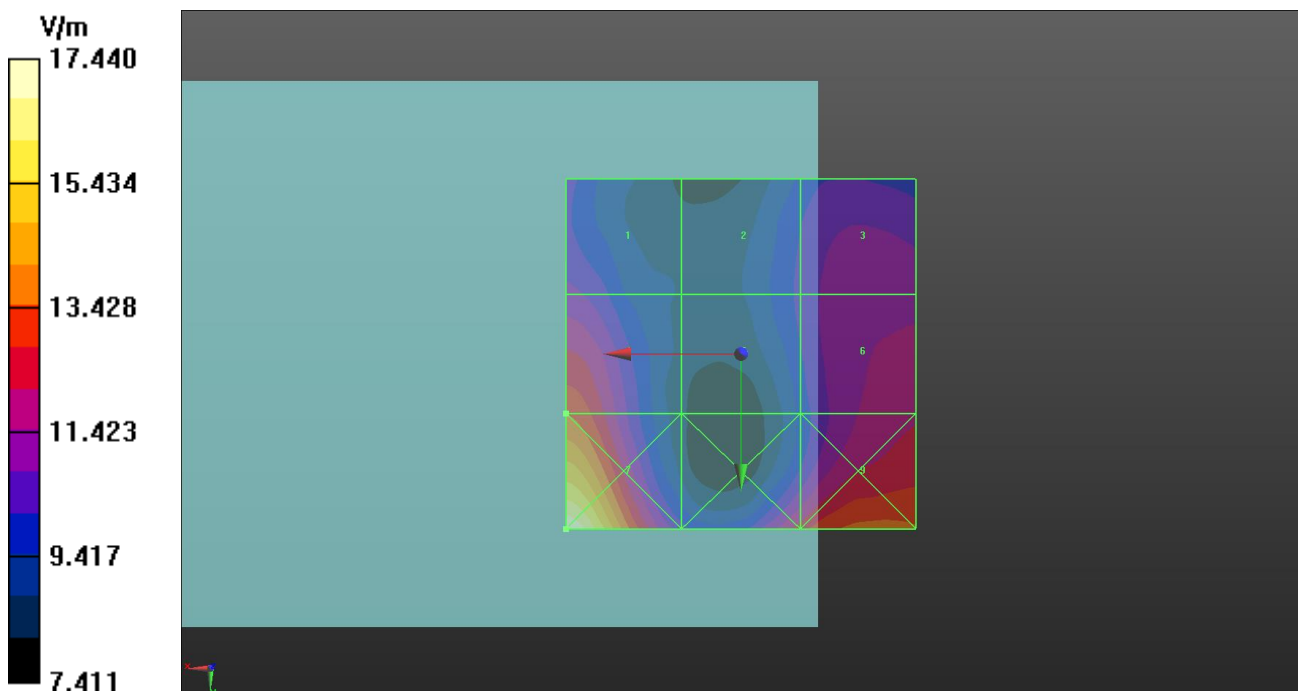
Reference Value = 13.41 V/m; Power Drift = -0.12 dB

Applied MIF = -1.44 dB

RF audio interference level = 22.55 dBV/m

**Emission category: M4**

Grid 1 M4 20.84 dBV/m	Grid 2 M4 20.26 dBV/m	Grid 3 M4 21.04 dBV/m
Grid 4 M4 22.55 dBV/m	Grid 5 M4 20.26 dBV/m	Grid 6 M4 21.61 dBV/m
Grid 7 M4 24.83 dBV/m	Grid 8 M4 21.95 dBV/m	Grid 9 M4 22.75 dBV/m



Date: 2023/11/20

**42 RF\_E-Field\_LTE 40\_QPSK20M\_Ch39549\_1RB\_OS0\_Ant 3**

**DUT: Smart-Ex 03**

Communication System: UID 10173 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2389.9 MHz; Duty Cycle: 1:8.87

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

Ambient Temperature : 22.5 °C

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EF3DV3 - SN4087; ConvF(1, 1, 1) @ 2389.9 MHz; Calibrated: 2023/8/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- 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)

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

Device Reference Point: 0, 0, -6.3 mm

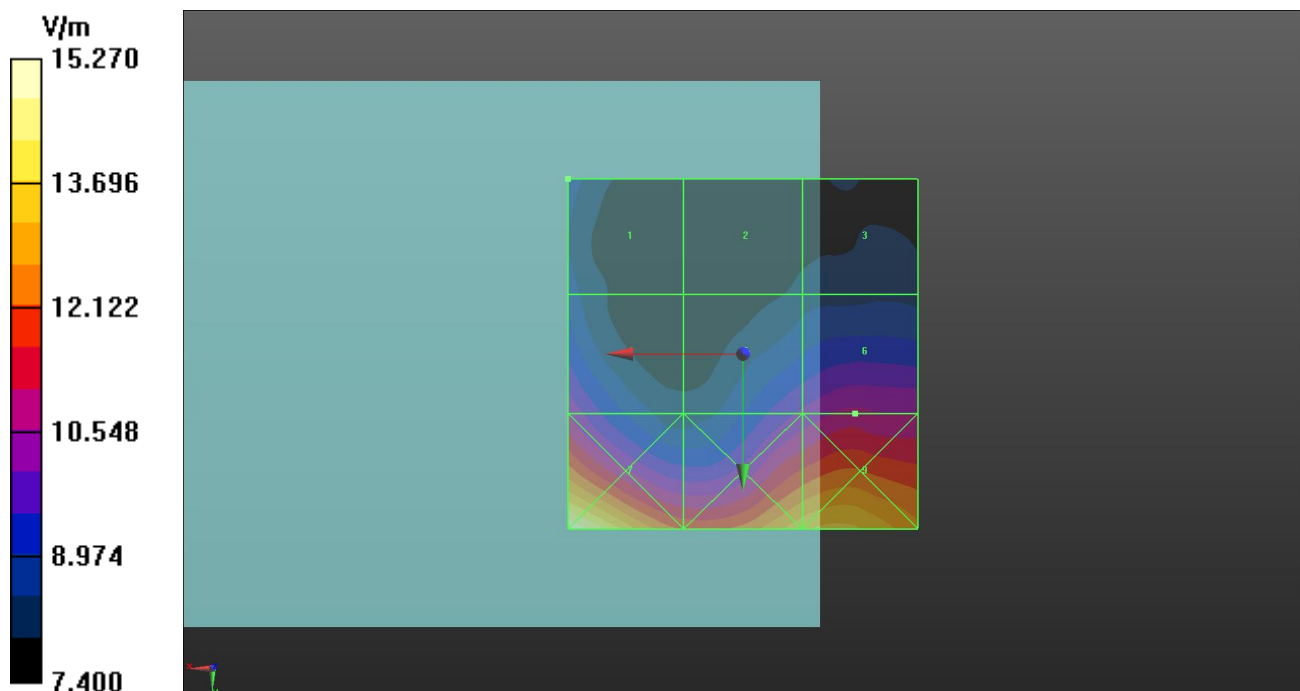
Reference Value = 12.44 V/m; Power Drift = 0.08 dB

Applied MIF = -1.44 dB

RF audio interference level = 20.61 dBV/m

**Emission category: M4**

Grid 1 M4 19 dBV/m	Grid 2 M4 18.26 dBV/m	Grid 3 M4 18.49 dBV/m
Grid 4 M4 20.47 dBV/m	Grid 5 M4 20.14 dBV/m	Grid 6 M4 20.61 dBV/m
Grid 7 M4 23.68 dBV/m	Grid 8 M4 22.66 dBV/m	Grid 9 M4 22.84 dBV/m



Date: 2023/11/20

**43 RF\_E-Field\_LTE 41\_QPSK20M\_Ch39750\_1RB\_OS0\_Ant 0**

**DUT: Smart-Ex 03**

Communication System: UID 10173 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2506 MHz; Duty Cycle: 1:8.87

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

Ambient Temperature : 22.7 °C

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EF3DV3 - SN4087; ConvF(1, 1, 1) @ 2506 MHz; Calibrated: 2023/8/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- 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)

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

Device Reference Point: 0, 0, -6.3 mm

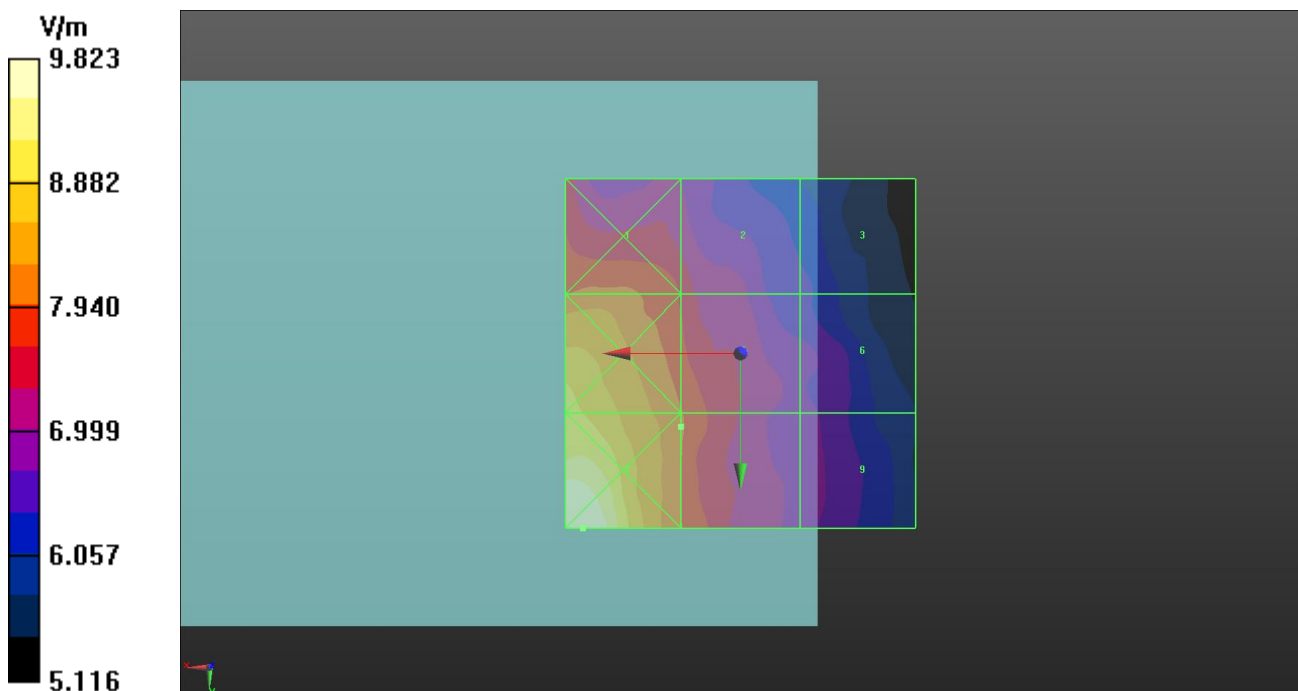
Reference Value = 10.36 V/m; Power Drift = -0.01 dB

Applied MIF = -1.44 dB

RF audio interference level = 18.06 dBV/m

**Emission category: M4**

Grid 1 M4 18.1 dBV/m	Grid 2 M4 17.6 dBV/m	Grid 3 M4 16.24 dBV/m
Grid 4 M4 19.05 dBV/m	Grid 5 M4 18.03 dBV/m	Grid 6 M4 16.7 dBV/m
Grid 7 M4 19.84 dBV/m	Grid 8 M4 18.06 dBV/m	Grid 9 M4 16.82 dBV/m



Date: 2023/11/20

**44 RF\_E-Field\_LTE 41\_QPSK20M\_Ch40185\_1RB\_OS0\_Ant 0**

**DUT: Smart-Ex 03**

Communication System: UID 10173 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2549.5 MHz; Duty Cycle: 1:8.87

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

Ambient Temperature : 22.7 °C

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EF3DV3 - SN4087; ConvF(1, 1, 1) @ 2549.5 MHz; Calibrated: 2023/8/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- 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)

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

Device Reference Point: 0, 0, -6.3 mm

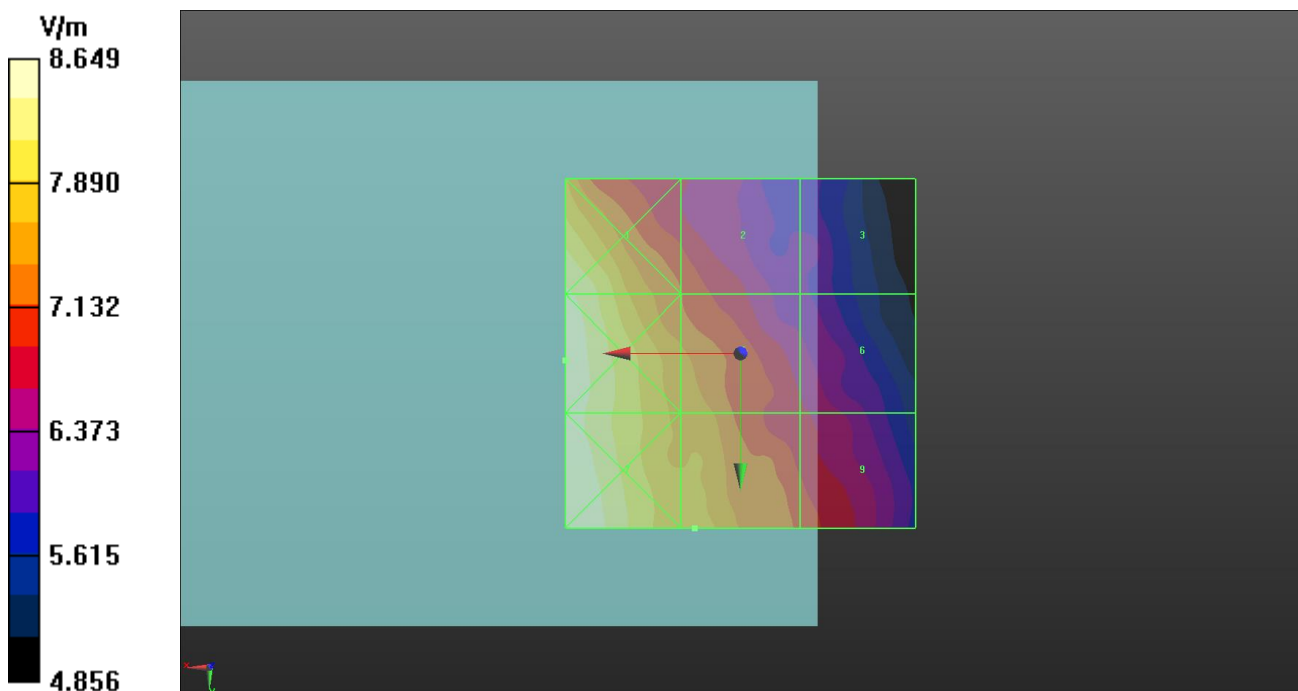
Reference Value = 10.26 V/m; Power Drift = 0.08 dB

Applied MIF = -1.44 dB

RF audio interference level = 17.78 dBV/m

**Emission category: M4**

Grid 1 M4 18.54 dBV/m	Grid 2 M4 17.08 dBV/m	Grid 3 M4 15.99 dBV/m
Grid 4 M4 18.74 dBV/m	Grid 5 M4 17.59 dBV/m	Grid 6 M4 16.51 dBV/m
Grid 7 M4 18.74 dBV/m	Grid 8 M4 17.78 dBV/m	Grid 9 M4 16.97 dBV/m



Date: 2023/11/20

**45 RF\_E-Field\_LTE 41\_QPSK20M\_Ch40620\_1RB\_OS0\_Ant 0**

**DUT: Smart-Ex 03**

Communication System: UID 10173 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2593 MHz; Duty Cycle: 1:8.87

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

Ambient Temperature : 22.7 °C

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EF3DV3 - SN4087; ConvF(1, 1, 1) @ 2593 MHz; Calibrated: 2023/8/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- 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)

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

Device Reference Point: 0, 0, -6.3 mm

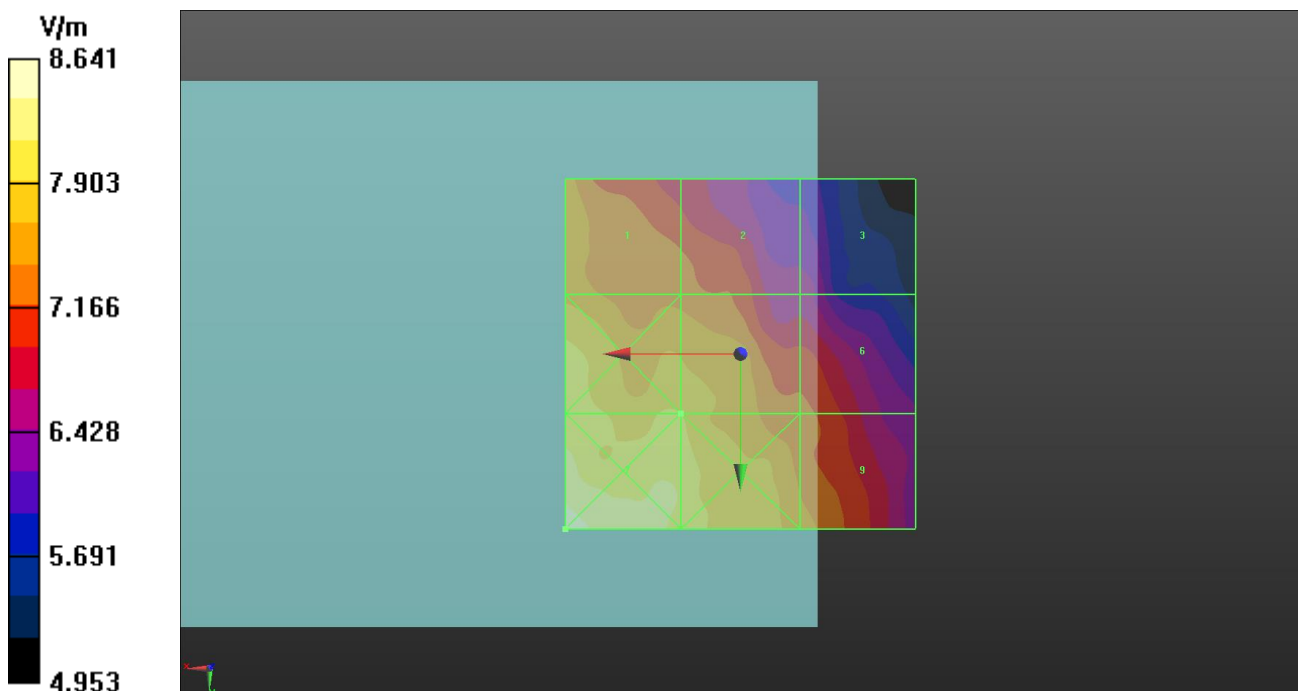
Reference Value = 10.54 V/m; Power Drift = 0.12 dB

Applied MIF = -1.44 dB

RF audio interference level = 17.96 dBV/m

**Emission category: M4**

Grid 1 M4 17.66 dBV/m	Grid 2 M4 17.32 dBV/m	Grid 3 M4 16.37 dBV/m
Grid 4 M4 18.08 dBV/m	Grid 5 M4 17.96 dBV/m	Grid 6 M4 17.21 dBV/m
Grid 7 M4 18.73 dBV/m	Grid 8 M4 18.19 dBV/m	Grid 9 M4 17.55 dBV/m



Date: 2023/11/20

**46 RF\_E-Field\_LTE 41\_QPSK20M\_Ch41055\_1RB\_OS0\_Ant 0**

**DUT: Smart-Ex 03**

Communication System: UID 10173 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2636.5 MHz; Duty Cycle: 1:8.87

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

Ambient Temperature : 22.7 °C

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EF3DV3 - SN4087; ConvF(1, 1, 1) @ 2636.5 MHz; Calibrated: 2023/8/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- 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)

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

Device Reference Point: 0, 0, -6.3 mm

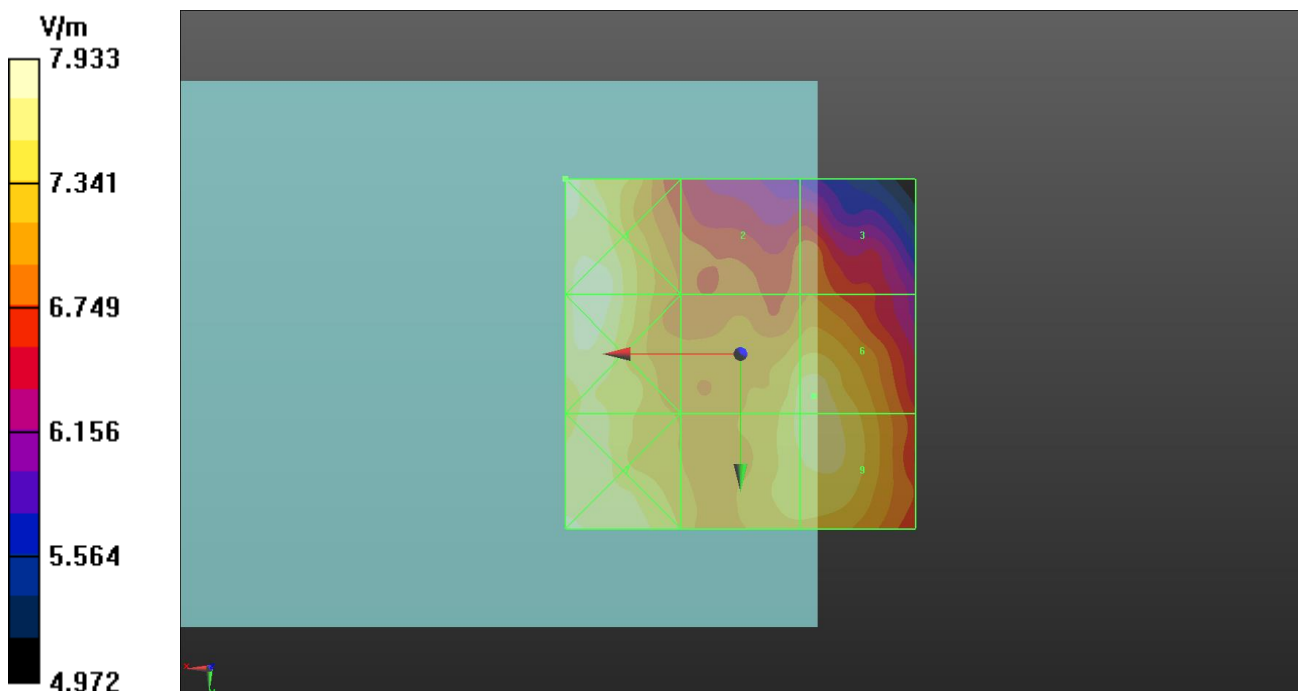
Reference Value = 11.13 V/m; Power Drift = -0.02 dB

Applied MIF = -1.44 dB

RF audio interference level = 17.75 dBV/m

**Emission category: M4**

Grid 1 M4 17.99 dBV/m	Grid 2 M4 16.8 dBV/m	Grid 3 M4 16.84 dBV/m
Grid 4 M4 17.92 dBV/m	Grid 5 M4 17.63 dBV/m	Grid 6 M4 17.75 dBV/m
Grid 7 M4 17.89 dBV/m	Grid 8 M4 17.65 dBV/m	Grid 9 M4 17.73 dBV/m



Date: 2023/11/20

**47 RF\_E-Field\_LTE 41\_QPSK20M\_Ch41490\_1RB\_OS0\_Ant 0**

**DUT: Smart-Ex 03**

Communication System: UID 10173 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2680 MHz; Duty Cycle: 1:8.87

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

Ambient Temperature : 22.7 °C

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EF3DV3 - SN4087; ConvF(1, 1, 1) @ 2680 MHz; Calibrated: 2023/8/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- 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)

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

Device Reference Point: 0, 0, -6.3 mm

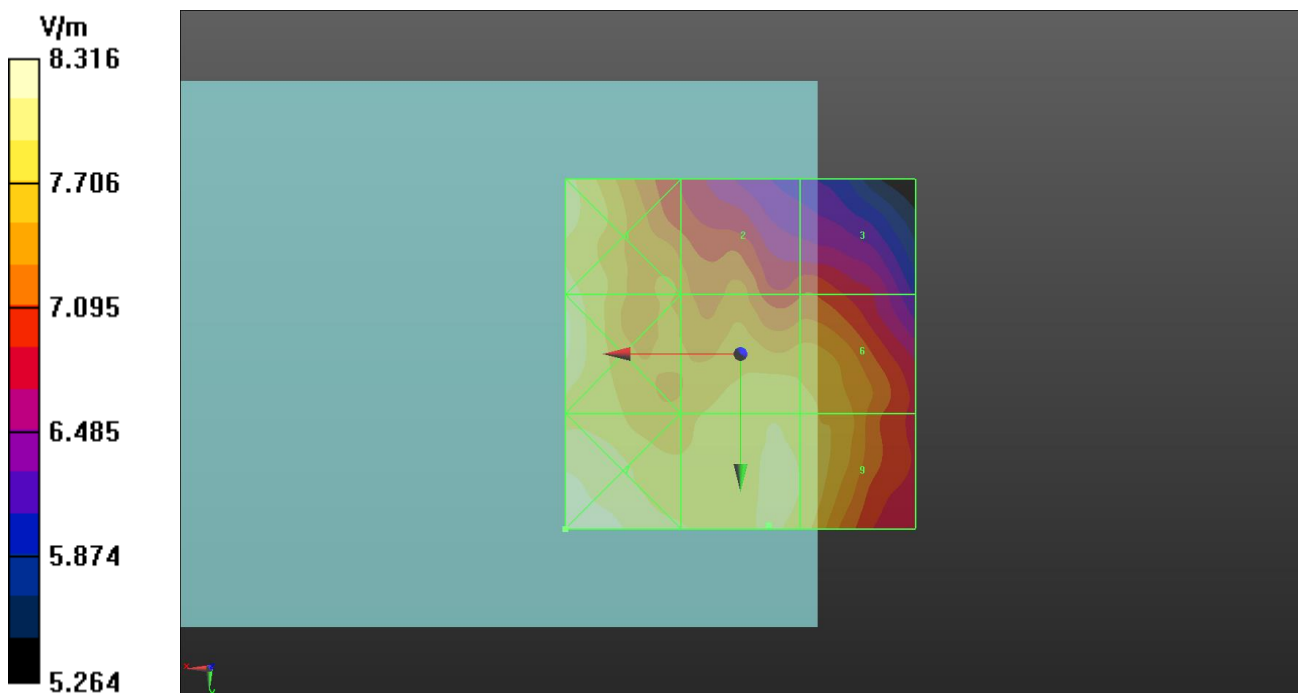
Reference Value = 10.84 V/m; Power Drift = 0.15 dB

Applied MIF = -1.44 dB

RF audio interference level = 18.01 dBV/m

**Emission category: M4**

Grid 1 M4 18.07 dBV/m	Grid 2 M4 17.44 dBV/m	Grid 3 M4 17.04 dBV/m
Grid 4 M4 18.25 dBV/m	Grid 5 M4 17.93 dBV/m	Grid 6 M4 17.83 dBV/m
Grid 7 M4 18.4 dBV/m	Grid 8 M4 18.01 dBV/m	Grid 9 M4 17.97 dBV/m





Date: 2023/11/20

**48 RF\_E-Field\_LTE 41\_QPSK20M\_Ch39750\_1RB\_OS0\_Ant 1**

**DUT: Smart-Ex 03**

Communication System: UID 10173 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2506 MHz; Duty Cycle: 1:8.87

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

Ambient Temperature : 22.7 °C

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EF3DV3 - SN4087; ConvF(1, 1, 1) @ 2506 MHz; Calibrated: 2023/8/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- 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)

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

Device Reference Point: 0, 0, -6.3 mm

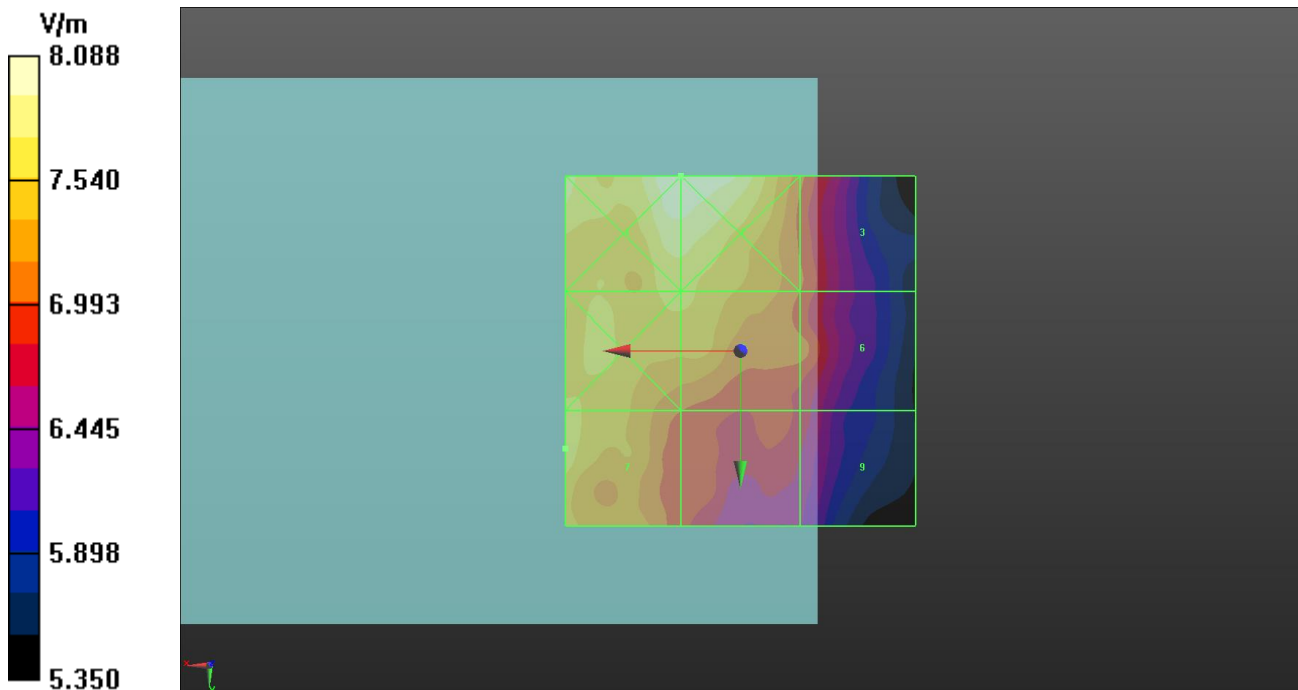
Reference Value = 10.02 V/m; Power Drift = 0.09 dB

Applied MIF = -1.44 dB

RF audio interference level = 17.72 dBV/m

**Emission category: M4**

Grid 1 M4 18.16 dBV/m	Grid 2 M4 18.16 dBV/m	Grid 3 M4 16.99 dBV/m
Grid 4 M4 17.66 dBV/m	Grid 5 M4 17.64 dBV/m	Grid 6 M4 16.99 dBV/m
Grid 7 M4 17.72 dBV/m	Grid 8 M4 16.9 dBV/m	Grid 9 M4 16.6 dBV/m



Date: 2023/11/20

**49 RF\_E-Field\_LTE 41\_QPSK20M\_Ch40185\_1RB\_OS0\_Ant 1**

**DUT: Smart-Ex 03**

Communication System: UID 10173 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2549.5 MHz; Duty Cycle: 1:8.87

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

Ambient Temperature : 22.7 °C

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EF3DV3 - SN4087; ConvF(1, 1, 1) @ 2549.5 MHz; Calibrated: 2023/8/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- 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)

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

Device Reference Point: 0, 0, -6.3 mm

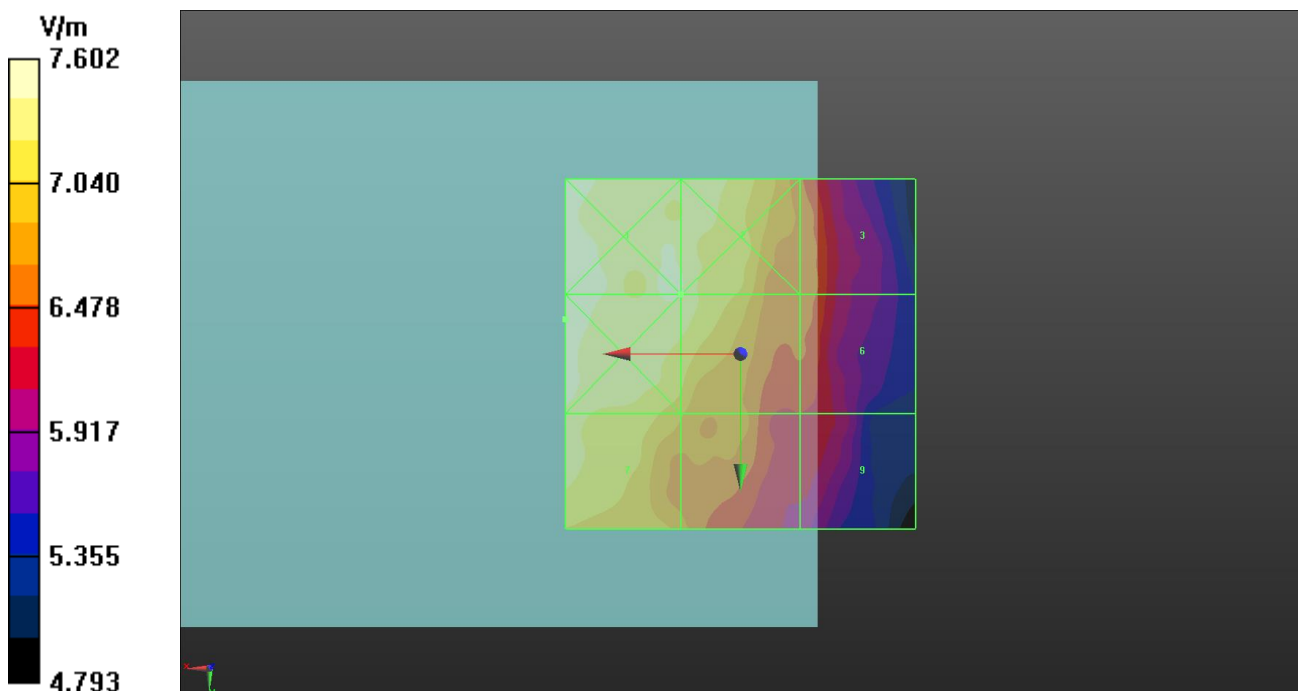
Reference Value = 10.58 V/m; Power Drift = -0.09 dB

Applied MIF = -1.44 dB

RF audio interference level = 17.40 dBV/m

**Emission category: M4**

Grid 1 M4 17.6 dBV/m	Grid 2 M4 17.44 dBV/m	Grid 3 M4 16.47 dBV/m
Grid 4 M4 17.62 dBV/m	Grid 5 M4 17.4 dBV/m	Grid 6 M4 16.41 dBV/m
Grid 7 M4 17.34 dBV/m	Grid 8 M4 16.76 dBV/m	Grid 9 M4 15.98 dBV/m



Date: 2023/11/20

**50 RF\_E-Field\_LTE 41\_QPSK20M\_Ch40620\_1RB\_OS0\_Ant 1**

**DUT: Smart-Ex 03**

Communication System: UID 10173 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2593 MHz; Duty Cycle: 1:8.87

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

Ambient Temperature : 22.7 °C

**DASY5.2 Configuration:**

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EF3DV3 - SN4087; ConvF(1, 1, 1) @ 2593 MHz; Calibrated: 2023/8/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- 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)

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

Device Reference Point: 0, 0, -6.3 mm

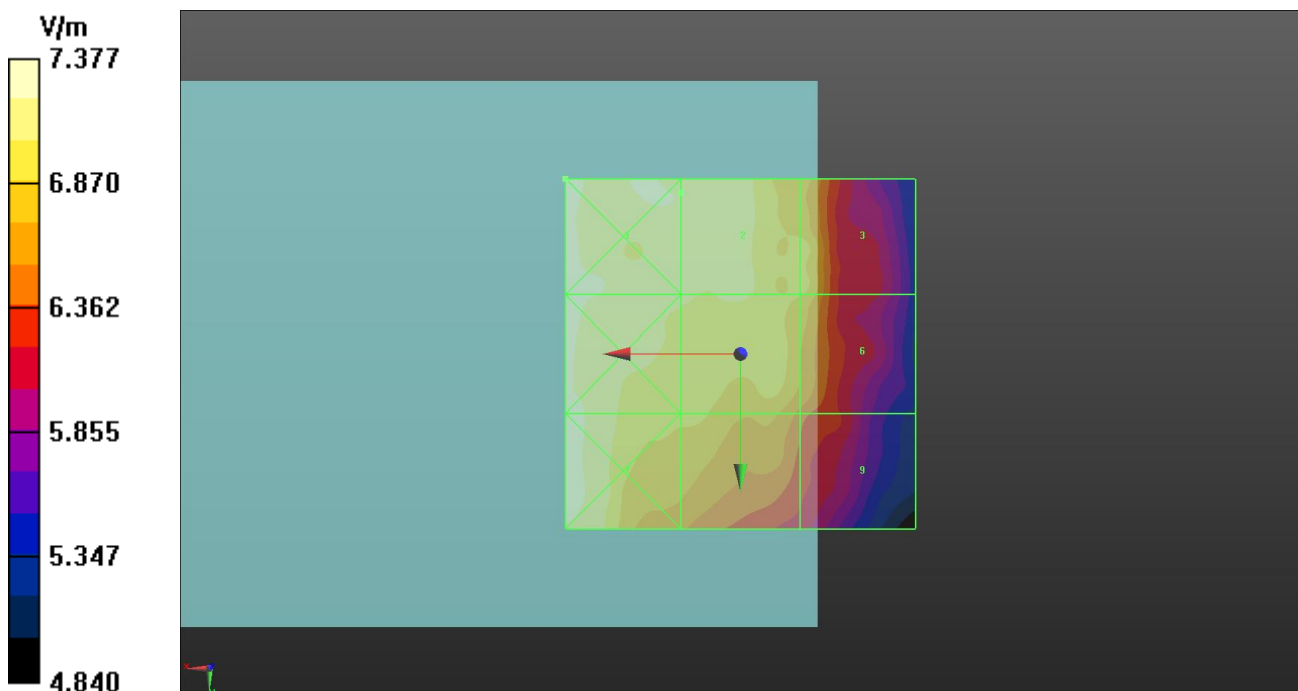
Reference Value = 10.47 V/m; Power Drift = 0.03 dB

Applied MIF = -1.44 dB

RF audio interference level = 17.15 dBV/m

**Emission category: M4**

Grid 1 M4 17.36 dBV/m	Grid 2 M4 17.15 dBV/m	Grid 3 M4 16.83 dBV/m
Grid 4 M4 17.25 dBV/m	Grid 5 M4 17.02 dBV/m	Grid 6 M4 16.76 dBV/m
Grid 7 M4 17.22 dBV/m	Grid 8 M4 16.78 dBV/m	Grid 9 M4 16.23 dBV/m



Date: 2023/11/20

**51 RF\_E-Field\_LTE 41\_QPSK20M\_Ch41055\_1RB\_OS0\_Ant 1**

**DUT: Smart-Ex 03**

Communication System: UID 10173 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2636.5 MHz; Duty Cycle: 1:8.87

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

Ambient Temperature : 22.7 °C

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EF3DV3 - SN4087; ConvF(1, 1, 1) @ 2636.5 MHz; Calibrated: 2023/8/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- 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)

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

Device Reference Point: 0, 0, -6.3 mm

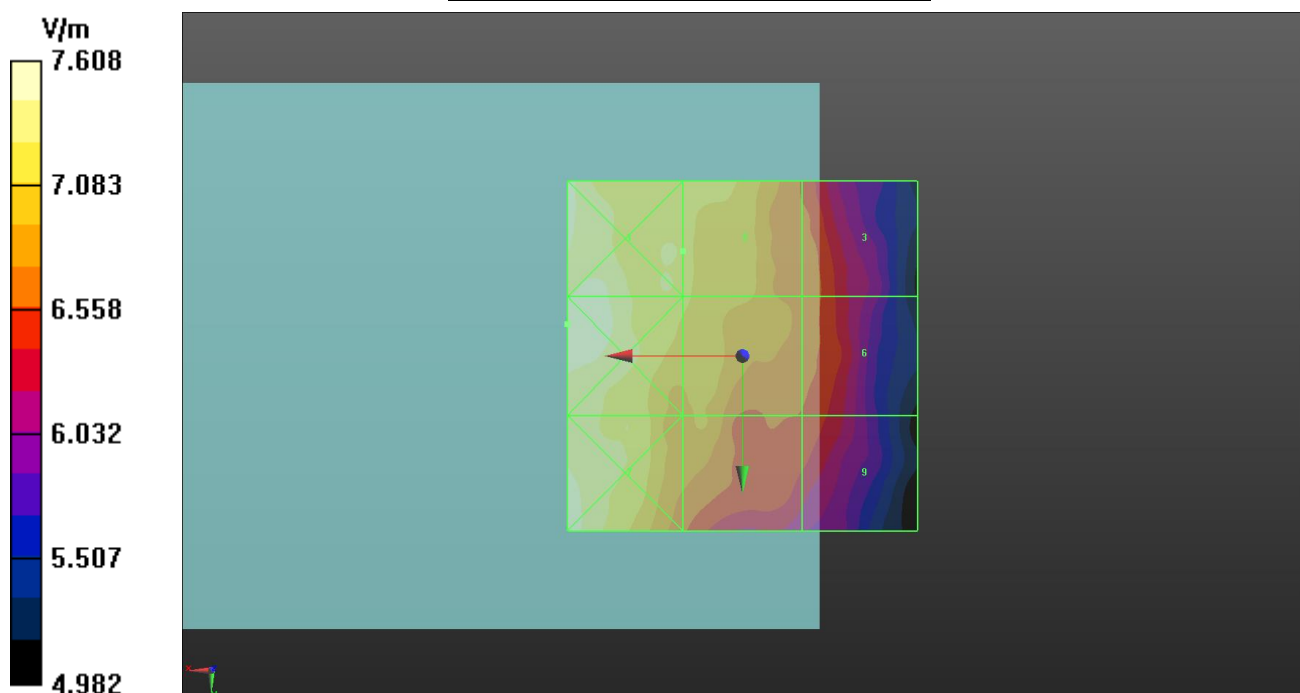
Reference Value = 10.35 V/m; Power Drift = 0.13 dB

Applied MIF = -1.44 dB

RF audio interference level = 17.16 dBV/m

**Emission category: M4**

Grid 1 M4 17.53 dBV/m	Grid 2 M4 17.16 dBV/m	Grid 3 M4 16.55 dBV/m
Grid 4 M4 17.63 dBV/m	Grid 5 M4 17.09 dBV/m	Grid 6 M4 16.54 dBV/m
Grid 7 M4 17.55 dBV/m	Grid 8 M4 16.81 dBV/m	Grid 9 M4 16.33 dBV/m



Date: 2023/11/20

**52 RF\_E-Field\_LTE 41\_QPSK20M\_Ch41490\_1RB\_OS0\_Ant 1**

**DUT: Smart-Ex 03**

Communication System: UID 10173 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2680 MHz;Duty Cycle: 1:8.87

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

Ambient Temperature : 22.7 °C

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EF3DV3 - SN4087; ConvF(1, 1, 1) @ 2680 MHz; Calibrated: 2023/8/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- 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)

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

Device Reference Point: 0, 0, -6.3 mm

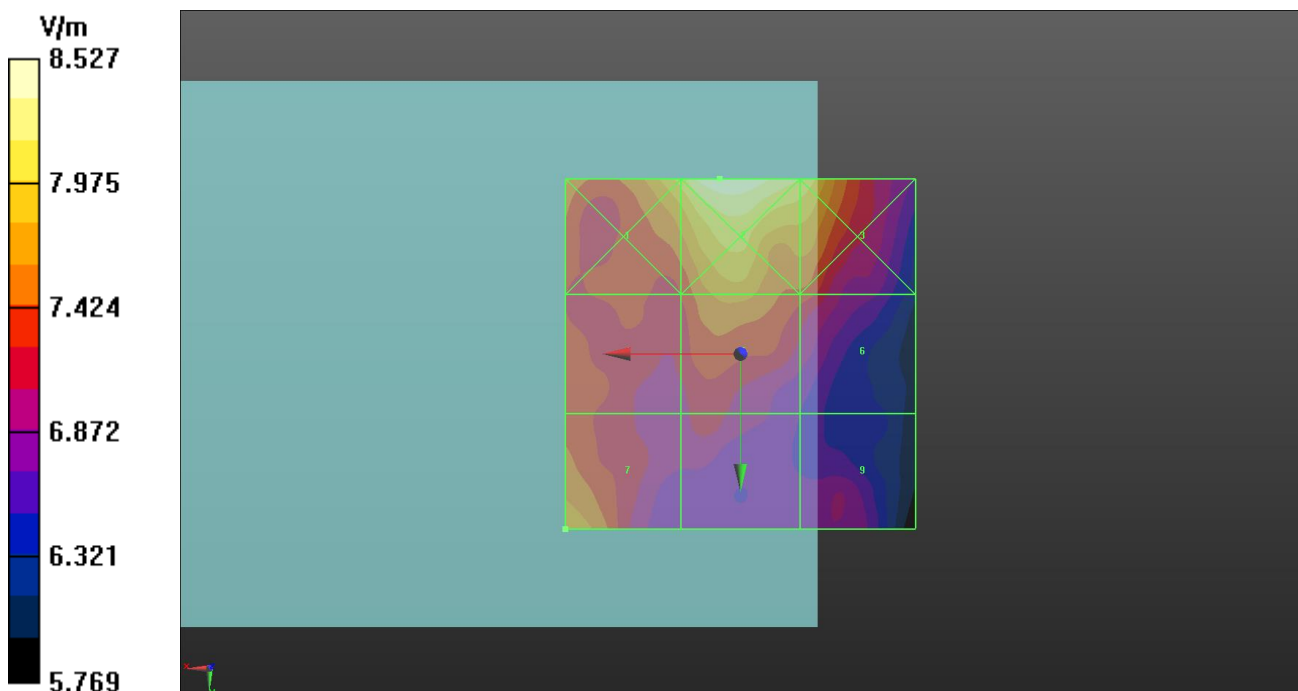
Reference Value = 11.24 V/m; Power Drift = -0.01 dB

Applied MIF = -1.44 dB

RF audio interference level = 17.81 dBV/m

**Emission category: M4**

Grid 1 M4 18.14 dBV/m	Grid 2 M4 18.62 dBV/m	Grid 3 M4 18.24 dBV/m
Grid 4 M4 17.38 dBV/m	Grid 5 M4 17.72 dBV/m	Grid 6 M4 17.34 dBV/m
Grid 7 M4 17.81 dBV/m	Grid 8 M4 17.11 dBV/m	Grid 9 M4 16.78 dBV/m



Date: 2023/11/20

**53 RF\_E-Field\_LTE 41\_QPSK20M\_Ch39750\_1RB\_OS0\_Ant 2**

**DUT: Smart-Ex 03**

Communication System: UID 10173 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2506 MHz;Duty Cycle: 1:8.87

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

Ambient Temperature : 22.7 °C

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EF3DV3 - SN4087; ConvF(1, 1, 1) @ 2506 MHz; Calibrated: 2023/8/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- 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)

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

Device Reference Point: 0, 0, -6.3 mm

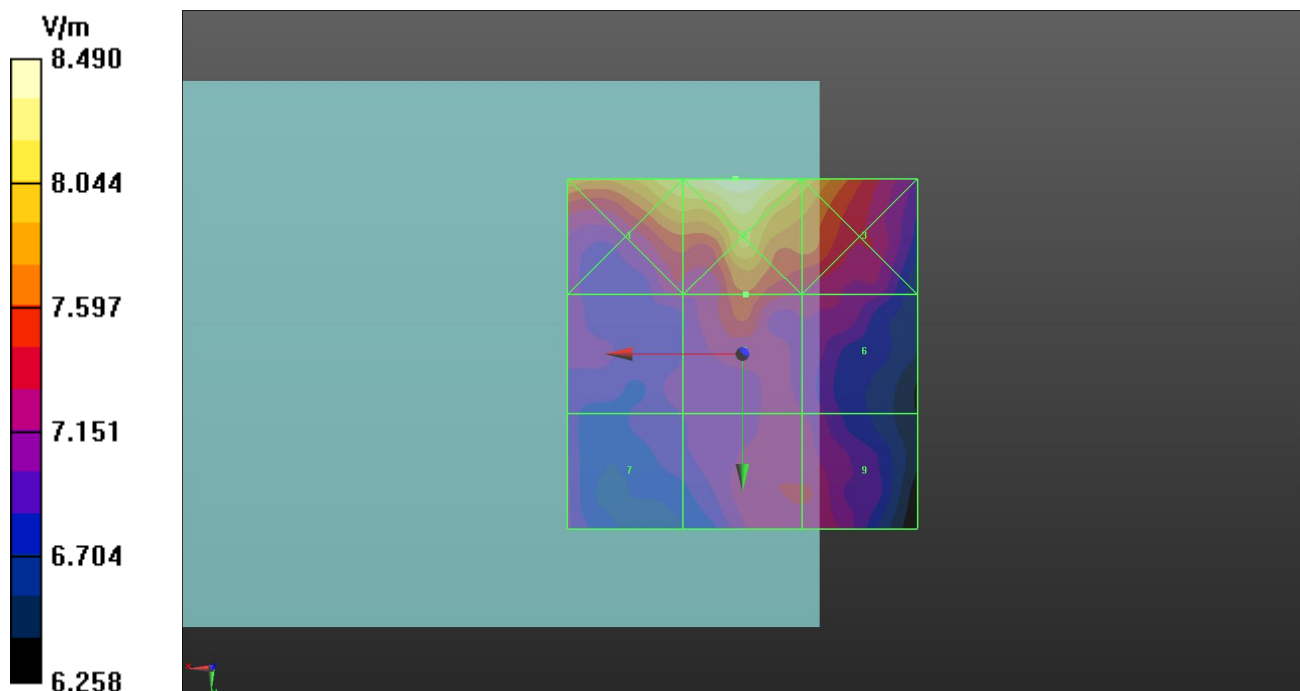
Reference Value = 10.72 V/m; Power Drift = 0.07 dB

Applied MIF = -1.44 dB

RF audio interference level = 17.58 dBV/m

**Emission category: M4**

Grid 1 M4 18.33 dBV/m	Grid 2 M4 18.58 dBV/m	Grid 3 M4 18.08 dBV/m
Grid 4 M4 17.13 dBV/m	Grid 5 M4 17.58 dBV/m	Grid 6 M4 17.23 dBV/m
Grid 7 M4 16.98 dBV/m	Grid 8 M4 17.3 dBV/m	Grid 9 M4 17.3 dBV/m



Date: 2023/11/20

**54 RF\_E-Field\_LTE 41\_QPSK20M\_Ch40185\_1RB\_OS0\_Ant 2**

**DUT: Smart-Ex 03**

Communication System: UID 10173 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2549.5 MHz; Duty Cycle: 1:8.87

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

Ambient Temperature : 22.7 °C

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EF3DV3 - SN4087; ConvF(1, 1, 1) @ 2549.5 MHz; Calibrated: 2023/8/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- 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)

**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 = 10.57 V/m; Power Drift = 0.18 dB

Applied MIF = -1.44 dB

RF audio interference level = 17.53 dBV/m

**Emission category: M4**

Grid 1 M4 18.12 dBV/m	Grid 2 M4 18.06 dBV/m	Grid 3 M4 17.55 dBV/m
Grid 4 M4 17.53 dBV/m	Grid 5 M4 17.29 dBV/m	Grid 6 M4 17.02 dBV/m
Grid 7 M4 17.14 dBV/m	Grid 8 M4 16.97 dBV/m	Grid 9 M4 16.53 dBV/m

