



REPORT No.: SZ23110029S01

Annex D Plots of RF Emission Test Results

HAC RF_GSM850_GSM Voice_Ch128_E

Communication System: UID 10021 - DAB, GSM-FDD (TDMA, GMSK); Frequency: 824.2 MHz; Duty Cycle: 1:8.6896

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

Ambient Temperature : 23.2 °C

DASY5 Configuration:

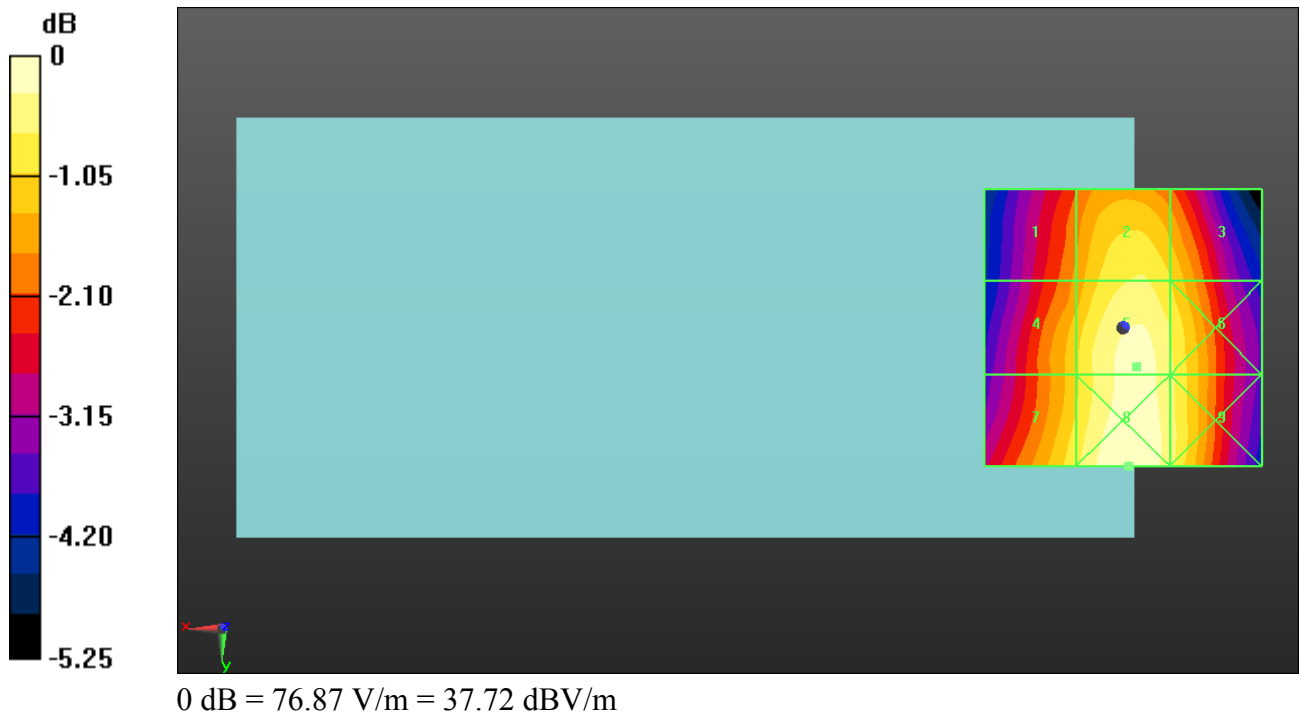
- Probe: ER3DV6 - SN2434; ConvF(1, 1, 1) @ 824.2 MHz; Calibrated: 2023.2.17
- Sensor-Surface: (Fix Surface), Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn480; Calibrated: 2023.9.19
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Ch128/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Total = 37.71 dBV/m

E Category: M4

Location: -1, 25, 8.7 mm



HAC RF_GSM850_GSM Voice_Ch189_E

Communication System: UID 10021 - DAB, GSM-FDD (TDMA, GMSK); Frequency: 836.6 MHz; Duty Cycle: 1:8.6896

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

Ambient Temperature : 23.2 °C

DASY5 Configuration:

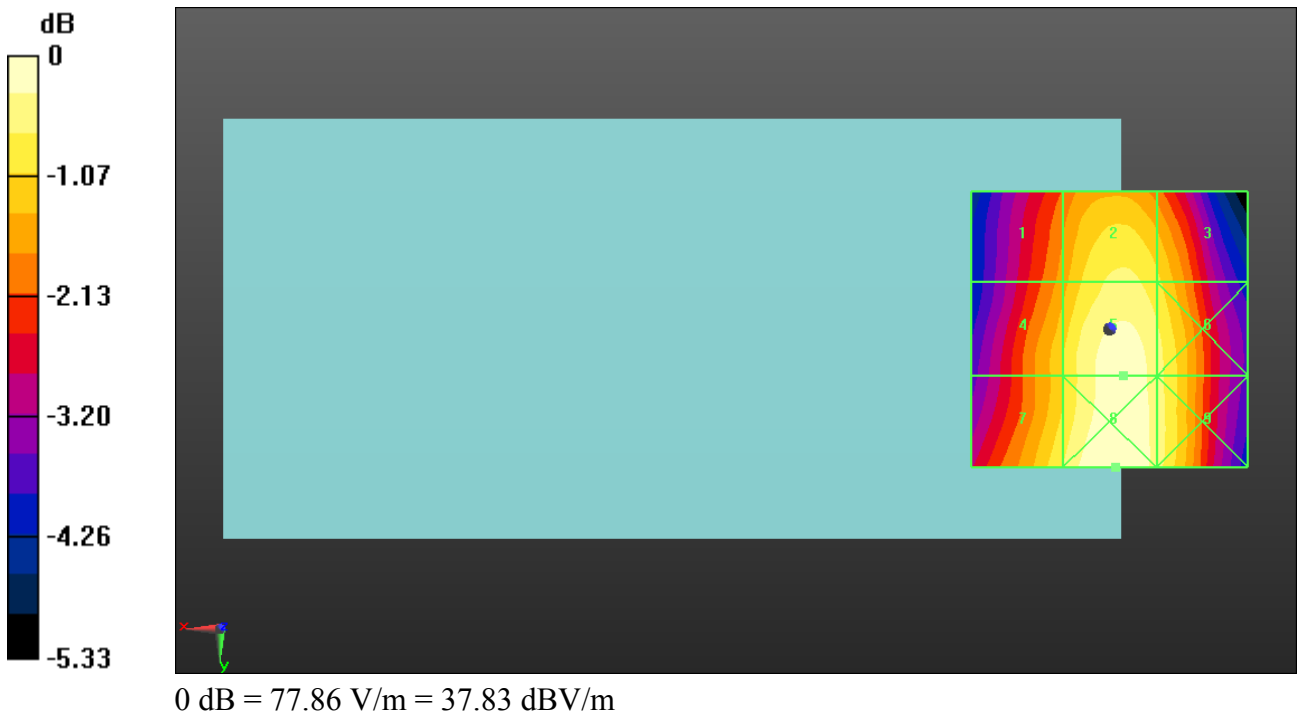
- Probe: ER3DV6 - SN2434; ConvF(1, 1, 1) @ 836.6 MHz; Calibrated: 2023.2.17
- Sensor-Surface: (Fix Surface), Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn480; Calibrated: 2023.9.19
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Ch189/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Total = 37.83 dBV/m

E Category: M4

Location: -1, 25, 8.7 mm



HAC RF_GSM850_GSM Voice_Ch251_E

Communication System: UID 10021 - DAB, GSM-FDD (TDMA, GMSK); Frequency: 848.6 MHz; Duty Cycle: 1:8.6896

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

Ambient Temperature : 23.2 °C

DASY5 Configuration:

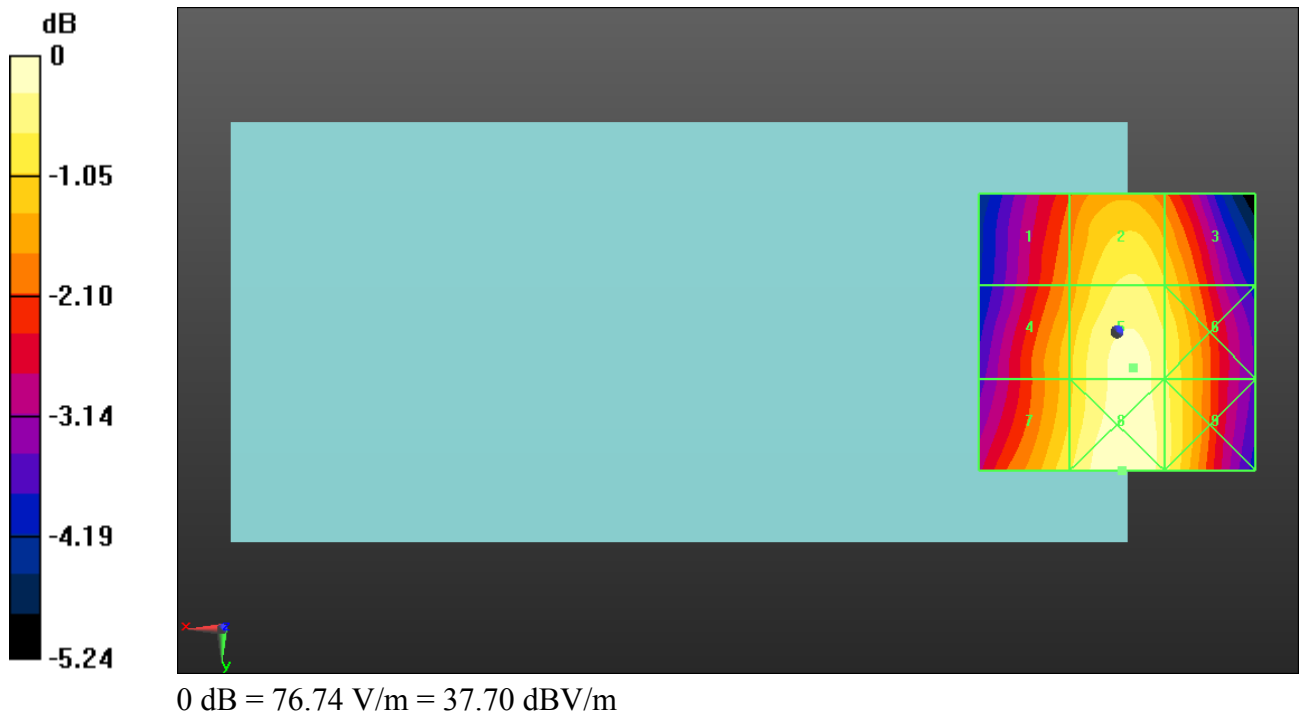
- Probe: ER3DV6 - SN2434; ConvF(1, 1, 1) @ 848.6 MHz; Calibrated: 2023.2.17
- Sensor-Surface: (Fix Surface), Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn480; Calibrated: 2023.9.19
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Ch251/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Total = 37.70 dBV/m

E Category: M4

Location: -1, 25, 8.7 mm



HAC RF_GSM1900_GSM Voice_Ch512_E

Communication System: UID 10021 - DAB, GSM-FDD (TDMA, GMSK); Frequency: 1850.2 MHz; Duty Cycle: 1:8.6896

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

Ambient Temperature : 23.2 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2434; ConvF(1, 1, 1) @ 1850.2 MHz; Calibrated: 2023.2.17
- Sensor-Surface: (Fix Surface), Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn480; Calibrated: 2023.9.19
- 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)

Ch512/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Total = 26.02 dBV/m

E Category: M4

Location: 4.5, 20.5, 8.7 mm



0 dB = 20.01 V/m = 26.02 dBV/m

HAC RF_GSM1900_GSM Voice_Ch661_E

Communication System: UID 10021 - DAB, GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz; Duty Cycle: 1:8.6896

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

Ambient Temperature : 23.2 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2434; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 2023.2.17
- Sensor-Surface: (Fix Surface), Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn480; Calibrated: 2023.9.19
- 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)

Ch661/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Total = 25.87 dBV/m

E Category: M4

Location: -4, 20, 8.7 mm



0 dB = 19.65 V/m = 25.87 dBV/m

HAC RF_GSM1900_GSM Voice_Ch810_E

Communication System: UID 10021 - DAB, GSM-FDD (TDMA, GMSK); Frequency: 1909.8 MHz; Duty Cycle: 1:8.6896

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

Ambient Temperature : 23.2 °C

DASY5 Configuration:

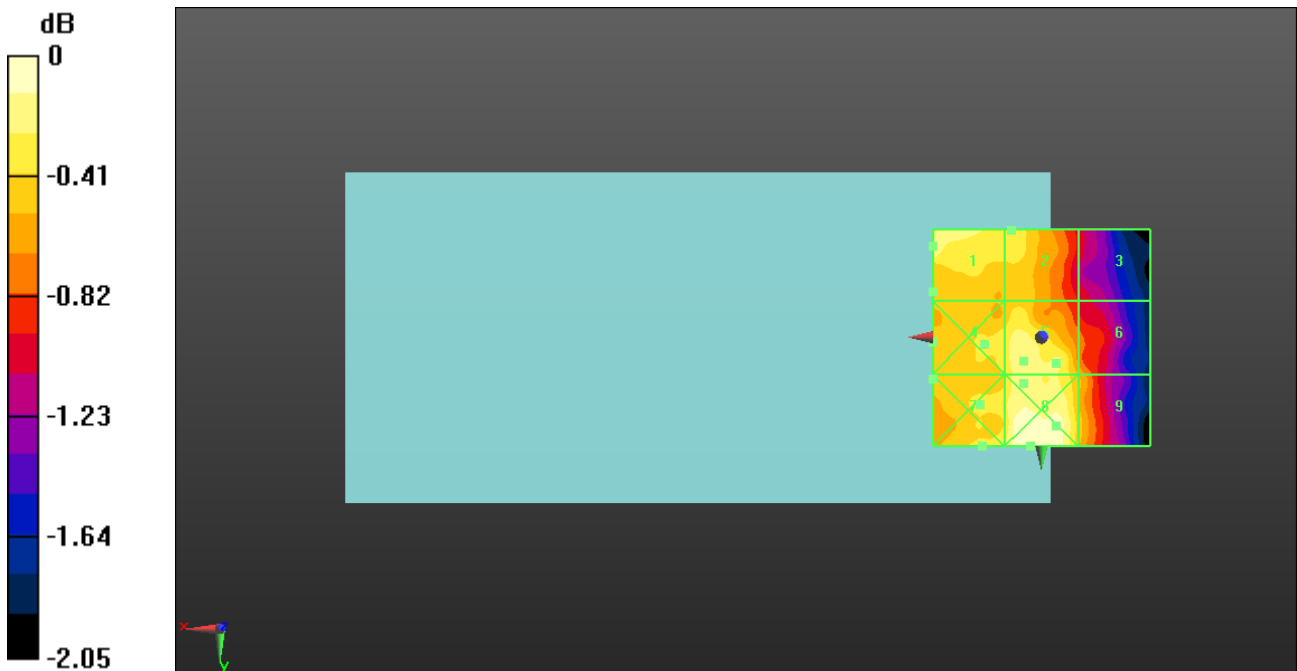
- Probe: ER3DV6 - SN2434; ConvF(1, 1, 1) @ 1909.8 MHz; Calibrated: 2023.2.17
- Sensor-Surface: (Fix Surface), Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn480; Calibrated: 2023.9.19
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Ch810/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Total = 25.99 dBV/m

E Category: M4

Location: 2.5, 25, 8.7 mm



0 dB = 19.93 V/m = 25.99 dBV/m

HAC RF_LTE Band 41_20MHz_QPSK_1RB_50Offset_12.2Kbps_Ch39750_E

Communication System: UID 10172 - CAB, 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/m³

Ambient Temperature : 23.2 °C

DASY5 Configuration:

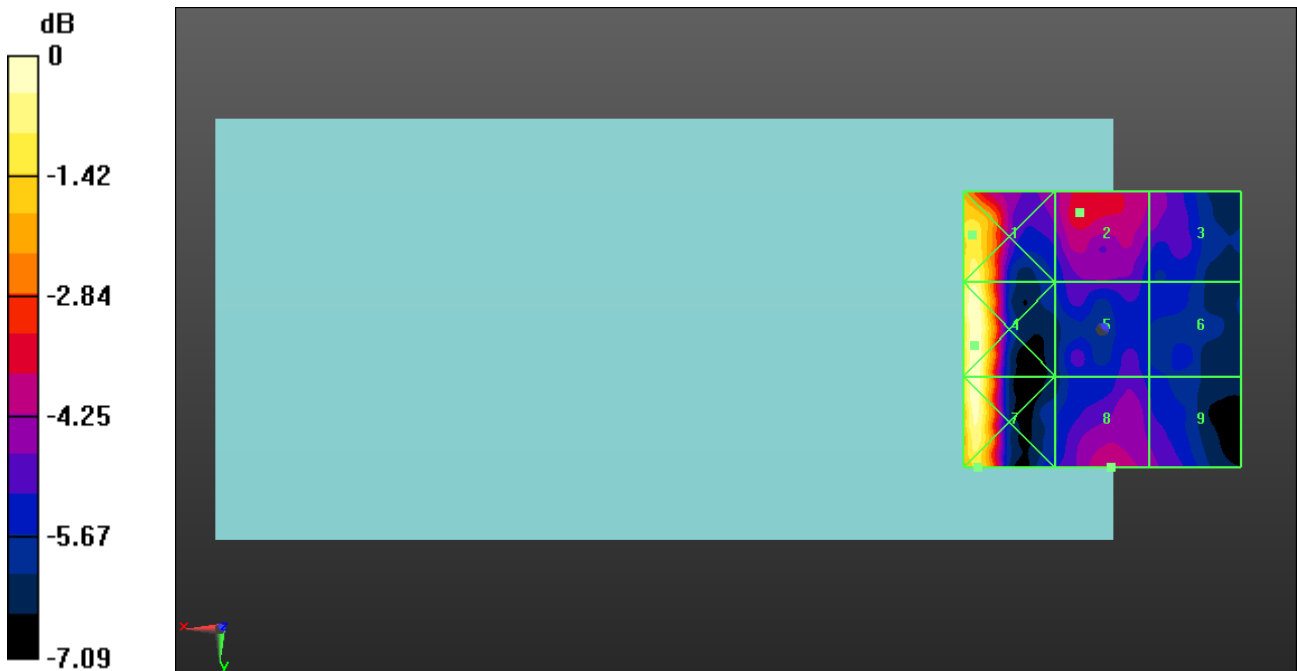
- Probe: ER3DV6 - SN2434; ConvF(1, 1, 1) @ 2506 MHz; Calibrated: 2023.2.17
- Sensor-Surface: (Fix Surface), Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn480; Calibrated: 2023.9.19
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Ch39750/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Total = 18.19 dBV/m

E Category: M4

Location: 23, 3, 8.7 mm



0 dB = 8.123 V/m = 18.19 dBV/m

HAC RF_LTE Band 41_20MHz_QPSK_1RB_50Offset_12.2Kbps_Ch40185_E

Communication System: UID 10172 - CAB, 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/m³

Ambient Temperature : 23.2 °C

DASY5 Configuration:

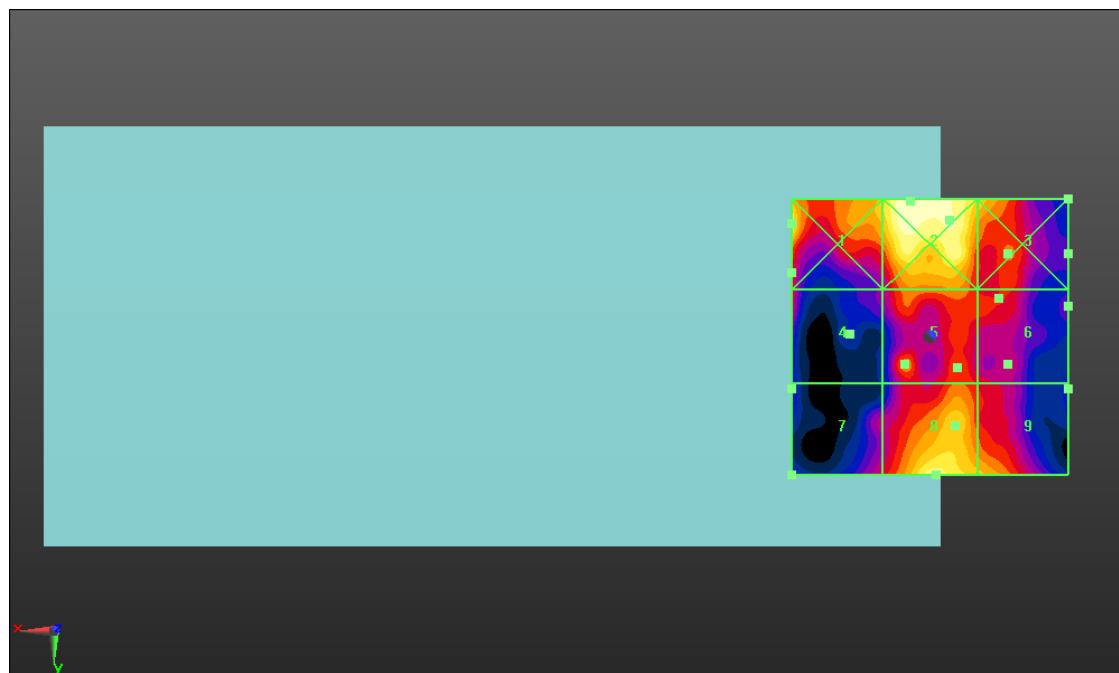
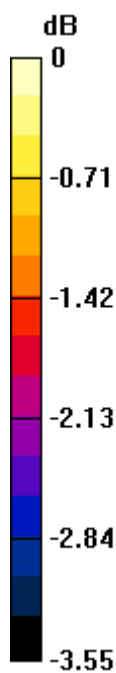
- Probe: ER3DV6 - SN2434; ConvF(1, 1, 1) @ 2549.5 MHz; Calibrated: 2023.2.17
- Sensor-Surface: (Fix Surface), Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn480; Calibrated: 2023.9.19
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Ch40185/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Total = 14.58 dBV/m

E Category: M4

Location: 3.5, -24.5, 8.7 mm



0 dB = 5.356 V/m = 14.58 dBV/m

HAC RF_LTE Band 41_20MHz_QPSK_1RB_50Offset_12.2Kbps_Ch40620_E

Communication System: UID 10103 - CAB, LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK);
Frequency: 2593 MHz; Duty Cycle: 1:8.4918

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

Ambient Temperature : 23.2 °C

DASY5 Configuration:

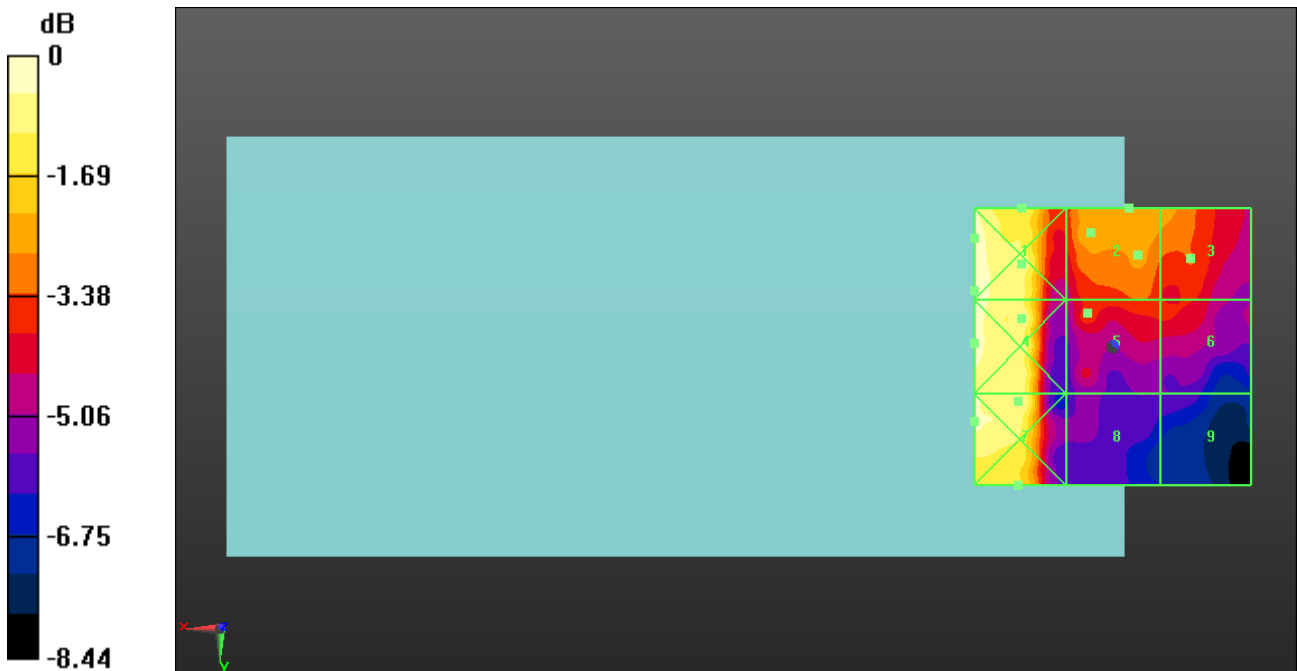
- Probe: ER3DV6 - SN2434; ConvF(1, 1, 1) @ 2593 MHz; Calibrated: 2023.2.17
- Sensor-Surface: (Fix Surface), Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn480; Calibrated: 2023.9.19
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Ch40620/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Total = 17.15 dBV/m

E Category: M4

Location: 25, -10, 8.7 mm



HAC RF_LTE Band 41_20MHz_QPSK_1RB_50Offset_12.2Kbps_Ch41055_E

Communication System: UID 10172 - CAB, 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/m³

Ambient Temperature : 23.2 °C

DASY5 Configuration:

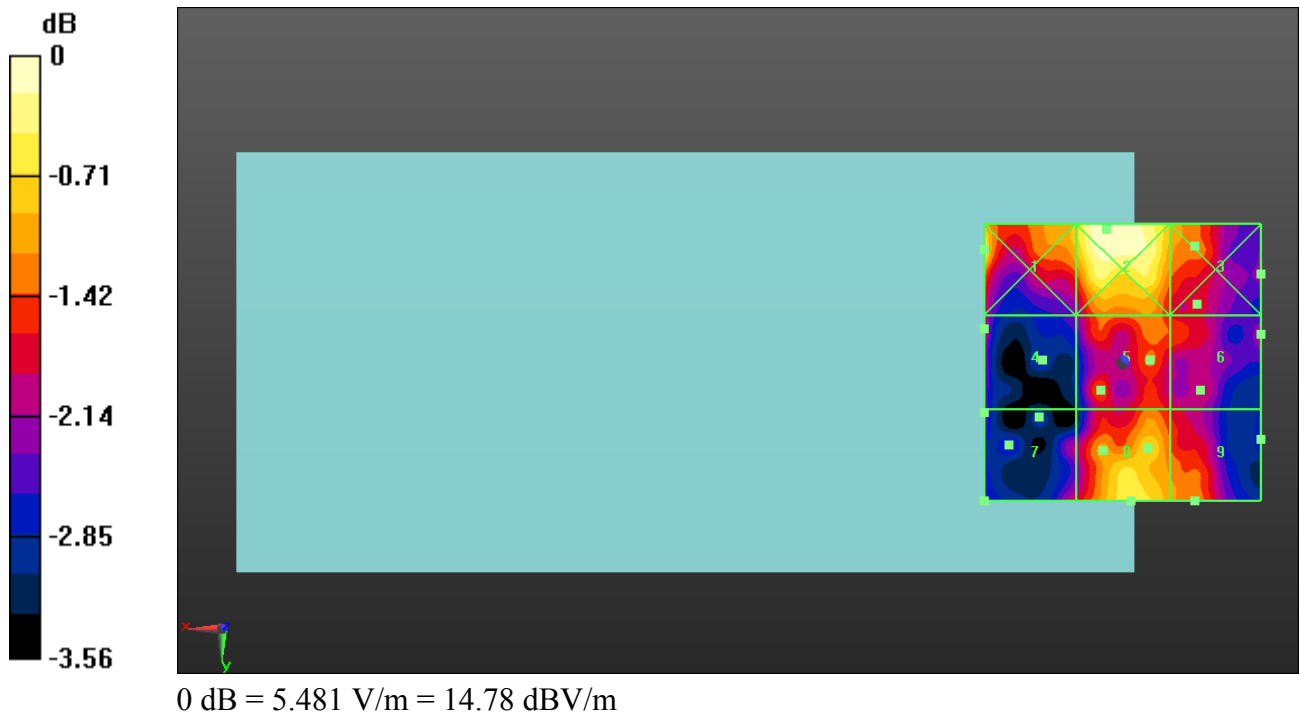
- Probe: ER3DV6 - SN2434; ConvF(1, 1, 1) @ 2636.5 MHz; Calibrated: 2023.2.17
- Sensor-Surface: (Fix Surface), Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn480; Calibrated: 2023.9.19
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Ch41055/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Total = 14.78 dBV/m

E Category: M4

Location: 3, -24, 8.7 mm



HAC RF_LTE Band 41_20MHz_QPSK_1RB_50Offset_12.2Kbps_Ch41490_E

Communication System: UID 10172 - CAB, 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/m³

Ambient Temperature : 23.2 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2434; ConvF(1, 1, 1) @ 2680 MHz; Calibrated: 2023.2.17
- Sensor-Surface: (Fix Surface), Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn480; Calibrated: 2023.9.19
- 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)

Ch41490/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Total = 14.72 dBV/m

E Category: M4

Location: 3.5, -21.5, 8.7 mm

