

# #01\_HAC\_E\_WLAN2.4GHz\_802.11g\_6Mbps\_Ch1

Communication System: 802.11g; Frequency: 2412 MHz; Duty Cycle: 1:12.5777

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

Ambient Temperature : 23.6 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2412 MHz; Calibrated: 2020/1/24

- Sensor-Surface: (Fix Surface)

- Electronics: DAE3 Sn577; Calibrated: 2019/9/17

- 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)

## E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test

**(101x101x1):** Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 12.40 V/m; Power Drift = 0.08 dB

Applied MIF = 0.12 dB

RF audio interference level = 20.68 dBV/m

**Emission category: M4**

MIF scaled E-field

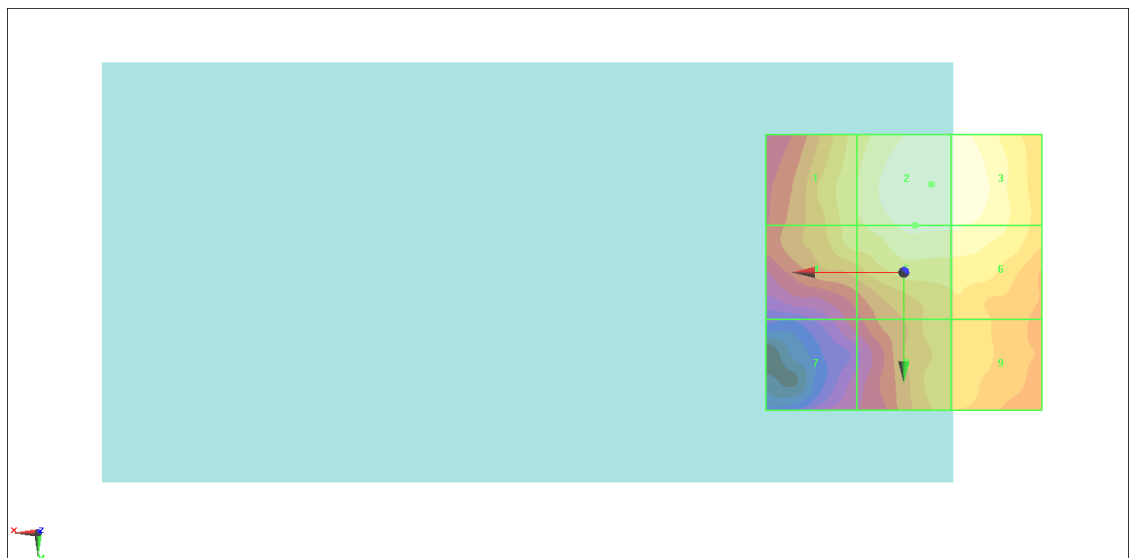
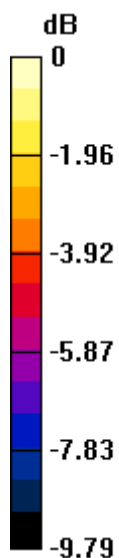
Grid 1 <b>M4</b> <b>19.42 dBV/m</b>	Grid 2 <b>M4</b> <b>20.68 dBV/m</b>	Grid 3 <b>M4</b> <b>20.61 dBV/m</b>
Grid 4 <b>M4</b> <b>19.21 dBV/m</b>	Grid 5 <b>M4</b> <b>20.18 dBV/m</b>	Grid 6 <b>M4</b> <b>20.15 dBV/m</b>
Grid 7 <b>M4</b> <b>15.93 dBV/m</b>	Grid 8 <b>M4</b> <b>18.67 dBV/m</b>	Grid 9 <b>M4</b> <b>18.7 dBV/m</b>

**Cursor:**

Total = 20.68 dBV/m

E Category: M4

Location: -5, -16, 8.7 mm



0 dB = 10.82 V/m = 20.68 dBV/m

## #02\_HAC\_E\_WLAN2.4GHz\_802.11g 6Mbps\_Ch6

Communication System: 802.11g; Frequency: 2437 MHz; Duty Cycle: 1:12.5777

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

Ambient Temperature : 23.6 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2437 MHz; Calibrated: 2020/1/24

- Sensor-Surface: (Fix Surface)

- Electronics: DAE3 Sn577; Calibrated: 2019/9/17

- 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)

### E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test

**(101x101x1)**: Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 25.58 V/m; Power Drift = 0.07 dB

Applied MIF = 0.12 dB

RF audio interference level = 27.08 dBV/m

**Emission category: M4**

MIF scaled E-field

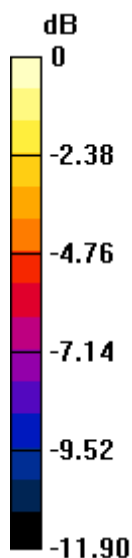
Grid 1 <b>M4</b> <b>25.66 dBV/m</b>	Grid 2 <b>M4</b> <b>27.08 dBV/m</b>	Grid 3 <b>M4</b> <b>27.02 dBV/m</b>
Grid 4 <b>M4</b> <b>25.48 dBV/m</b>	Grid 5 <b>M4</b> <b>26.6 dBV/m</b>	Grid 6 <b>M4</b> <b>26.57 dBV/m</b>
Grid 7 <b>M4</b> <b>22.08 dBV/m</b>	Grid 8 <b>M4</b> <b>24.66 dBV/m</b>	Grid 9 <b>M4</b> <b>24.67 dBV/m</b>

**Cursor:**

Total = 27.08 dBV/m

E Category: M4

Location: -5.5, -15.5, 8.7 mm



0 dB = 22.60 V/m = 27.08 dBV/m

### #03\_HAC\_E\_WLAN2.4GHz\_802.11g\_6Mbps\_Ch11

Communication System: 802.11g ; Frequency: 2462 MHz;Duty Cycle: 1:12.5777

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

Ambient Temperature : 23.6 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2462 MHz; Calibrated: 2020/1/24

- Sensor-Surface: (Fix Surface)

- Electronics: DAE3 Sn577; Calibrated: 2019/9/17

- 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)

### E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test

**(101x101x1)**: Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 12.85 V/m; Power Drift = 0.03 dB

Applied MIF = 0.12 dB

RF audio interference level = 20.59 dBV/m

**Emission category: M4**

MIF scaled E-field

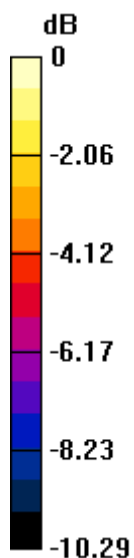
Grid 1 <b>M4</b> <b>19.37 dBV/m</b>	Grid 2 <b>M4</b> <b>20.59 dBV/m</b>	Grid 3 <b>M4</b> <b>20.48 dBV/m</b>
Grid 4 <b>M4</b> <b>19.34 dBV/m</b>	Grid 5 <b>M4</b> <b>20.18 dBV/m</b>	Grid 6 <b>M4</b> <b>19.98 dBV/m</b>
Grid 7 <b>M4</b> <b>16.47 dBV/m</b>	Grid 8 <b>M4</b> <b>18.05 dBV/m</b>	Grid 9 <b>M4</b> <b>18.05 dBV/m</b>

**Cursor:**

Total = 20.59 dBV/m

E Category: M4

Location: -4.5, -15, 8.7 mm



0 dB = 10.70 V/m = 20.59 dBV/m