

# #01\_HAC\_E\_WLAN2.4GHz\_802.11g\_6Mbps\_Ch1;Ant 1

Communication System: 802.11g ; Frequency: 2412 MHz;Duty Cycle: 1:12.5893

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

Ambient Temperature : 23.4 °C

## DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1); Calibrated: 2018/1/8;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2017/5/2
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

## 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 = 6.820 V/m; Power Drift = 0.12 dB

Applied MIF = 0.12 dB

RF audio interference level = 21.93 dBV/m

**Emission category: M4**

MIF scaled E-field

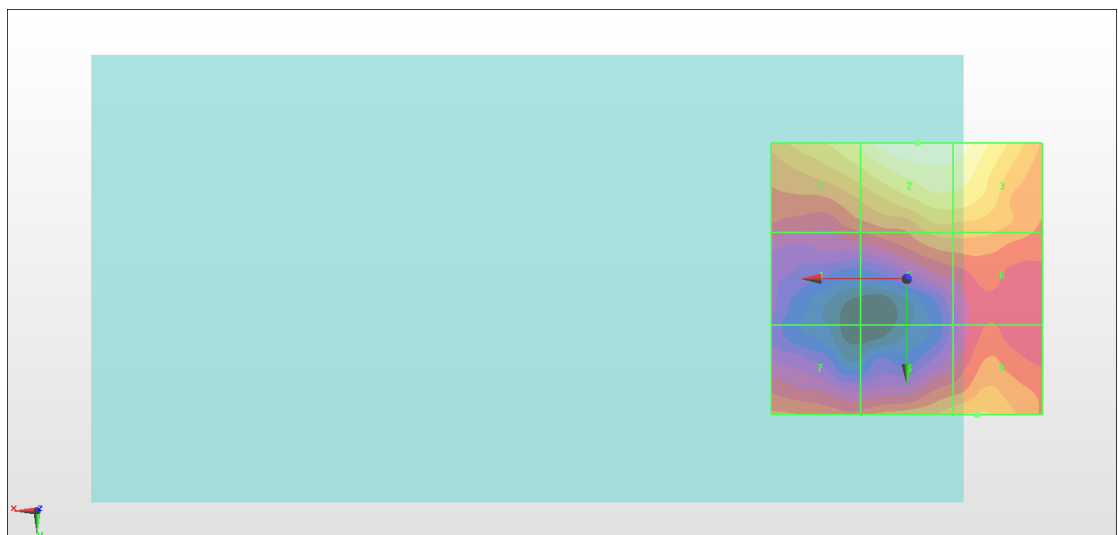
Grid 1 <b>M4</b> <b>20.99 dBV/m</b>	Grid 2 <b>M4</b> <b>21.93 dBV/m</b>	Grid 3 <b>M4</b> <b>21.77 dBV/m</b>
Grid 4 <b>M4</b> <b>18.15 dBV/m</b>	Grid 5 <b>M4</b> <b>19.45 dBV/m</b>	Grid 6 <b>M4</b> <b>19.44 dBV/m</b>
Grid 7 <b>M4</b> <b>18.83 dBV/m</b>	Grid 8 <b>M4</b> <b>19.68 dBV/m</b>	Grid 9 <b>M4</b> <b>19.89 dBV/m</b>

**Cursor:**

Total = 21.93 dBV/m

E Category: M4

Location: -2, -25, 7.7 mm



0 dB = 12.48 V/m = 21.92 dBV/m

## #02\_HAC\_E\_WLAN2.4GHz\_802.11g\_6Mbps\_Ch6;Ant 1

Communication System: 802.11g ; Frequency: 2437 MHz;Duty Cycle: 1:12.5893

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

Ambient Temperature : 23.4 °C

### DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1); Calibrated: 2018/1/8;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2017/5/2
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

### 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 = 10.09 V/m; Power Drift = -0.02 dB

Applied MIF = 0.12 dB

RF audio interference level = 23.15 dBV/m

**Emission category: M4**

MIF scaled E-field

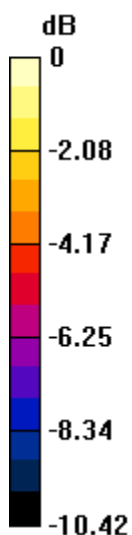
Grid 1 <b>M4</b> <b>22.49 dBV/m</b>	Grid 2 <b>M4</b> <b>23.15 dBV/m</b>	Grid 3 <b>M4</b> <b>22.97 dBV/m</b>
Grid 4 <b>M4</b> <b>20.1 dBV/m</b>	Grid 5 <b>M4</b> <b>21.38 dBV/m</b>	Grid 6 <b>M4</b> <b>21.39 dBV/m</b>
Grid 7 <b>M4</b> <b>19.75 dBV/m</b>	Grid 8 <b>M4</b> <b>20.09 dBV/m</b>	Grid 9 <b>M4</b> <b>20.14 dBV/m</b>

**Cursor:**

Total = 23.15 dBV/m

E Category: M4

Location: -4, -25, 7.7 mm



0 dB = 14.38 V/m = 23.16 dBV/m

### #03\_HAC\_E\_WLAN2.4GHz\_802.11g\_6Mbps\_Ch11;Ant 1

Communication System: 802.11g ; Frequency: 2462 MHz;Duty Cycle: 1:12.5893

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

Ambient Temperature : 23.4 °C

#### DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1); Calibrated: 2018/1/8;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2017/5/2
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

#### 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 = 9.367 V/m; Power Drift = -0.11 dB

Applied MIF = 0.12 dB

RF audio interference level = 22.65 dBV/m

**Emission category: M4**

MIF scaled E-field

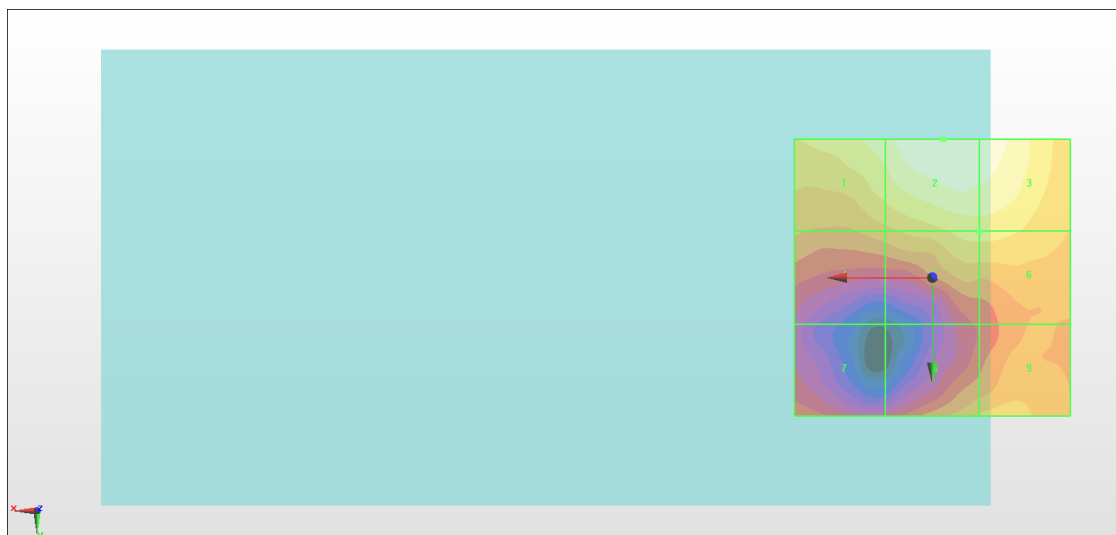
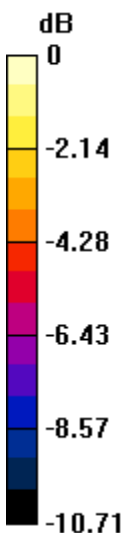
Grid 1 <b>M4</b> <b>21.7 dBV/m</b>	Grid 2 <b>M4</b> <b>22.65 dBV/m</b>	Grid 3 <b>M4</b> <b>22.5 dBV/m</b>
Grid 4 <b>M4</b> <b>19.59 dBV/m</b>	Grid 5 <b>M4</b> <b>20.83 dBV/m</b>	Grid 6 <b>M4</b> <b>20.83 dBV/m</b>
Grid 7 <b>M4</b> <b>18.24 dBV/m</b>	Grid 8 <b>M4</b> <b>19.93 dBV/m</b>	Grid 9 <b>M4</b> <b>20.2 dBV/m</b>

**Cursor:**

Total = 22.65 dBV/m

E Category: M4

Location: -2, -25, 7.7 mm



0 dB = 13.57 V/m = 22.65 dBV/m

## #04\_HAC\_E\_WLAN2.4GHz\_802.11g 6Mbps\_Ch1;Ant 2

Communication System: 802.11g ; Frequency: 2412 MHz;Duty Cycle: 1:12.5893

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

Ambient Temperature : 23.4 °C

### DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1); Calibrated: 2018/1/8;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2017/5/2
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

### 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 = 21.92 V/m; Power Drift = -0.04 dB

Applied MIF = 0.12 dB

RF audio interference level = 29.05 dBV/m

**Emission category: M4**

MIF scaled E-field

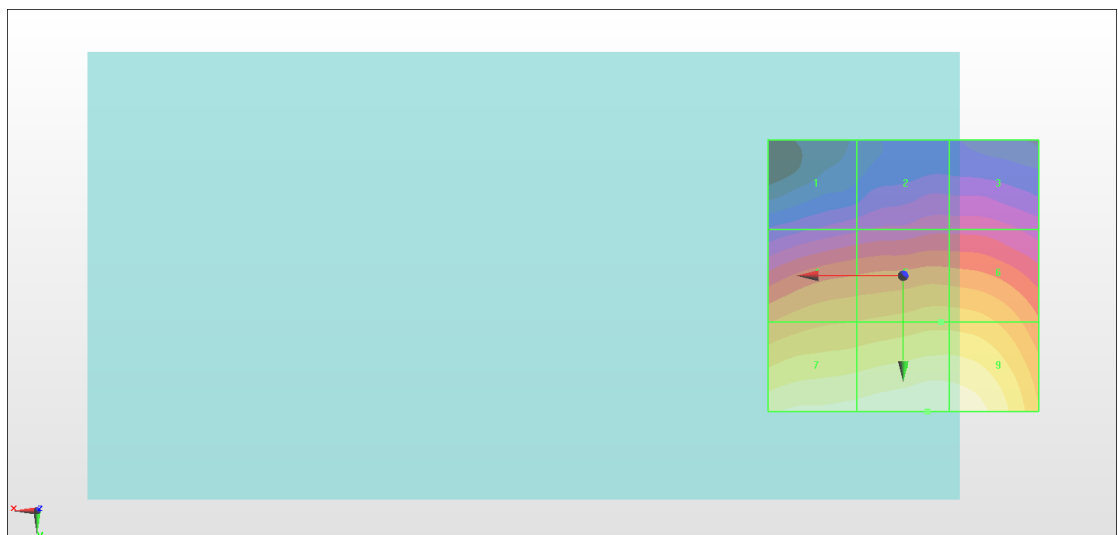
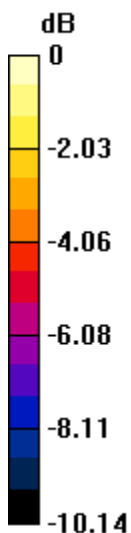
Grid 1 <b>M4</b> <b>22.88 dBV/m</b>	Grid 2 <b>M4</b> <b>23.52 dBV/m</b>	Grid 3 <b>M4</b> <b>23.5 dBV/m</b>
Grid 4 <b>M4</b> <b>26.38 dBV/m</b>	Grid 5 <b>M4</b> <b>26.8 dBV/m</b>	Grid 6 <b>M4</b> <b>26.79 dBV/m</b>
Grid 7 <b>M4</b> <b>28.67 dBV/m</b>	Grid 8 <b>M4</b> <b>29.05 dBV/m</b>	Grid 9 <b>M4</b> <b>28.99 dBV/m</b>

**Cursor:**

Total = 29.05 dBV/m

E Category: M4

Location: -4.5, 25, 7.7 mm



0 dB = 28.36 V/m = 29.05 dBV/m

## #05\_HAC\_E\_WLAN2.4GHz\_802.11g\_6Mbps\_Ch6;Ant 2

Communication System: 802.11g ; Frequency: 2437 MHz;Duty Cycle: 1:12.5893

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

Ambient Temperature : 23.4 °C

### DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1); Calibrated: 2018/1/8;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2017/5/2
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

### 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 = 22.25 V/m; Power Drift = -0.03 dB

Applied MIF = 0.12 dB

RF audio interference level = 29.61 dBV/m

**Emission category: M4**

MIF scaled E-field

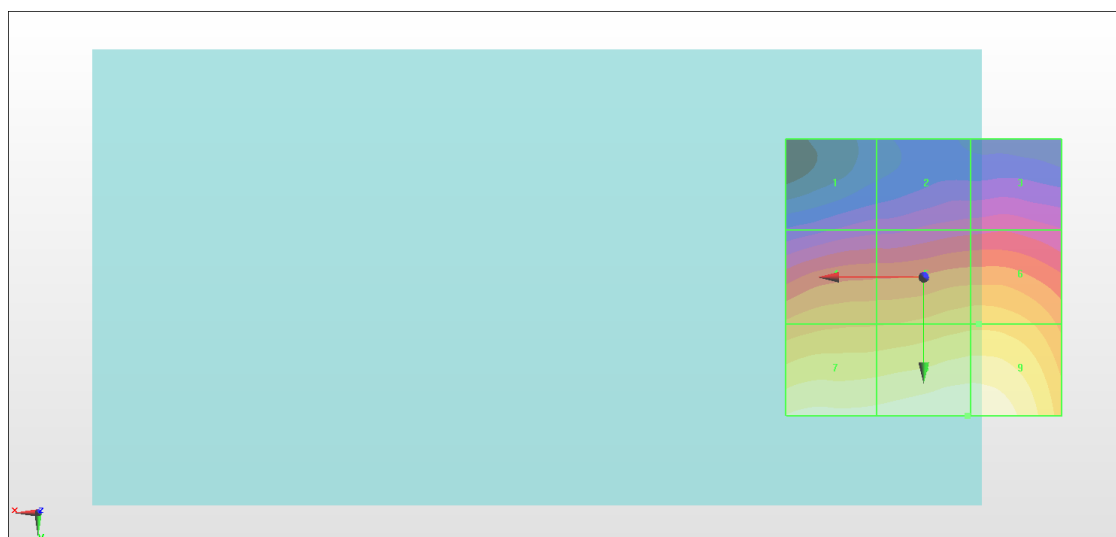
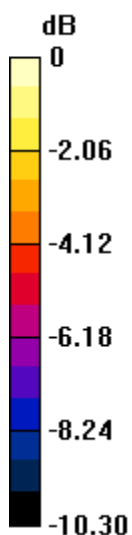
Grid 1 <b>M4</b> <b>23.27 dBV/m</b>	Grid 2 <b>M4</b> <b>23.94 dBV/m</b>	Grid 3 <b>M4</b> <b>24.09 dBV/m</b>
Grid 4 <b>M4</b> <b>26.83 dBV/m</b>	Grid 5 <b>M4</b> <b>27.39 dBV/m</b>	Grid 6 <b>M4</b> <b>27.4 dBV/m</b>
Grid 7 <b>M4</b> <b>29.17 dBV/m</b>	Grid 8 <b>M4</b> <b>29.61 dBV/m</b>	Grid 9 <b>M4</b> <b>29.6 dBV/m</b>

**Cursor:**

Total = 29.61 dBV/m

E Category: M4

Location: -8, 25, 7.7 mm



0 dB = 30.22 V/m = 29.61 dBV/m

## #06\_HAC\_E\_WLAN2.4GHz\_802.11g\_6Mbps\_Ch11;Ant 2

Communication System: 802.11g ; Frequency: 2462 MHz;Duty Cycle: 1:12.5893

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

Ambient Temperature : 23.4 °C

### DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1); Calibrated: 2018/1/8;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2017/5/2
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

### 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 = 21.63 V/m; Power Drift = -0.04 dB

Applied MIF = 0.12 dB

RF audio interference level = 29.10 dBV/m

**Emission category: M4**

MIF scaled E-field

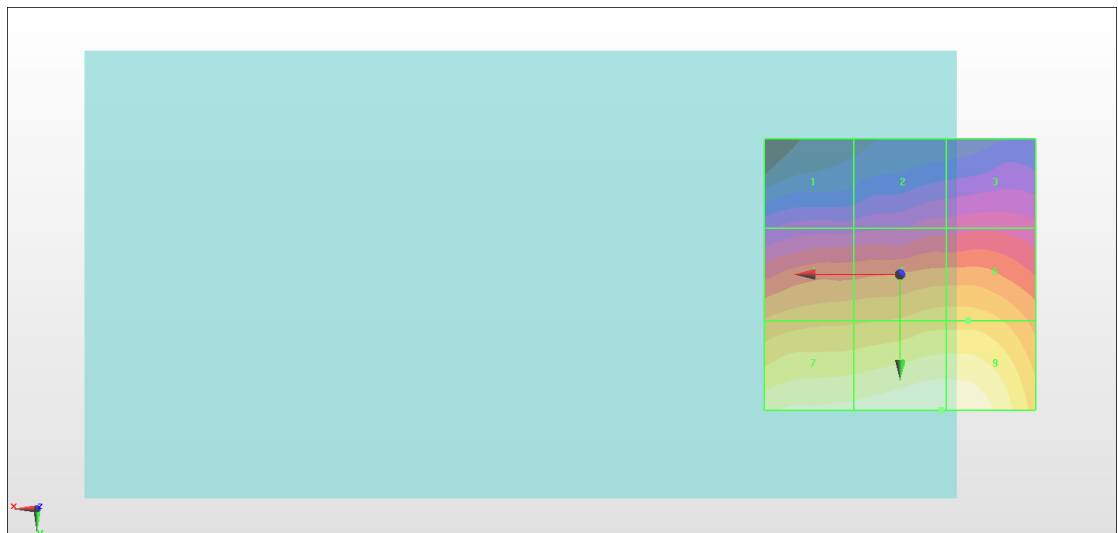
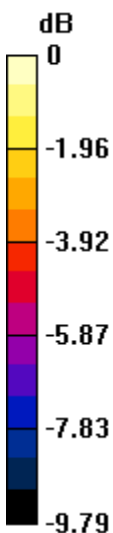
Grid 1 <b>M4</b> <b>23 dBV/m</b>	Grid 2 <b>M4</b> <b>23.66 dBV/m</b>	Grid 3 <b>M4</b> <b>23.8 dBV/m</b>
Grid 4 <b>M4</b> <b>26.4 dBV/m</b>	Grid 5 <b>M4</b> <b>26.89 dBV/m</b>	Grid 6 <b>M4</b> <b>26.89 dBV/m</b>
Grid 7 <b>M4</b> <b>28.68 dBV/m</b>	Grid 8 <b>M4</b> <b>29.1 dBV/m</b>	Grid 9 <b>M4</b> <b>29.09 dBV/m</b>

**Cursor:**

Total = 29.10 dBV/m

E Category: M4

Location: -7.5, 25, 7.7 mm



0 dB = 28.51 V/m = 29.10 dBV/m