

### #01\_HAC\_E\_GSM850\_GSM Voice\_Ch128

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 824.2 MHz; Duty Cycle: 1:8.6896  
 Medium: Air Medium parameters used:  $\sigma = 0 \text{ S/m}$ ,  $\epsilon_r = 1$ ;  $\rho = 0 \text{ kg/m}^3$   
 Ambient Temperature : 23.5 °C

**DASY5 Configuration:**

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 824.2 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**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

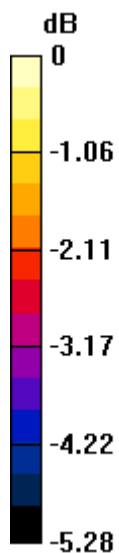
Device Reference Point: 0, 0, -6.3 mm  
 Reference Value = 71.22 V/m; Power Drift = -0.09 dB  
 Applied MIF = 3.63 dB  
 RF audio interference level = 38.30 dBV/m

**Emission category: M4**

MIF scaled E-field

<b>Grid 1 M4</b> <b>37.2 dBV/m</b>	<b>Grid 2 M4</b> <b>37.62 dBV/m</b>	<b>Grid 3 M4</b> <b>37.07 dBV/m</b>
<b>Grid 4 M4</b> <b>37.54 dBV/m</b>	<b>Grid 5 M4</b> <b>37.91 dBV/m</b>	<b>Grid 6 M4</b> <b>37.39 dBV/m</b>
<b>Grid 7 M4</b> <b>38.02 dBV/m</b>	<b>Grid 8 M4</b> <b>38.3 dBV/m</b>	<b>Grid 9 M4</b> <b>37.67 dBV/m</b>

**Cursor:**  
 Total = 38.30 dBV/m  
 E Category: M4  
 Location: 1.5, 25, 8.7 mm



0 dB = 82.18 V/m = 38.30 dBV/m

## #02\_HAC\_E\_GSM850\_GSM Voice\_Ch189

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 836.4 MHz; Duty Cycle: 1:8.6896  
 Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>  
 Ambient Temperature : 23.5 °C

### DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 836.4 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

### 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 = 69.82 V/m; Power Drift = -0.03 dB  
 Applied MIF = 3.63 dB  
 RF audio interference level = 38.26 dBV/m

**Emission category: M4**

MIF scaled E-field

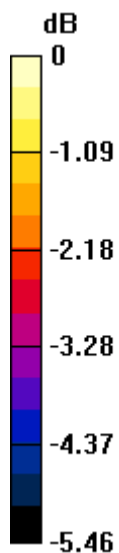
Grid 1 <b>M4</b> <b>37.13 dBV/m</b>	Grid 2 <b>M4</b> <b>37.47 dBV/m</b>	Grid 3 <b>M4</b> <b>36.88 dBV/m</b>
Grid 4 <b>M4</b> <b>37.46 dBV/m</b>	Grid 5 <b>M4</b> <b>37.75 dBV/m</b>	Grid 6 <b>M4</b> <b>37.21 dBV/m</b>
Grid 7 <b>M4</b> <b>38.03 dBV/m</b>	Grid 8 <b>M4</b> <b>38.26 dBV/m</b>	Grid 9 <b>M4</b> <b>37.48 dBV/m</b>

**Cursor:**

Total = 38.26 dBV/m

E Category: M4

Location: 2, 25, 8.7 mm



0 dB = 81.82 V/m = 38.26 dBV/m

### #03\_HAC\_E\_GSM850\_GSM Voice\_Ch251

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 848.8 MHz; Duty Cycle: 1:8.6896  
 Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>  
 Ambient Temperature : 23.5 °C

**DASY5 Configuration:**

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 848.8 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**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 = 61.57 V/m; Power Drift = -0.01 dB  
 Applied MIF = 3.63 dB  
 RF audio interference level = 37.01 dBV/m

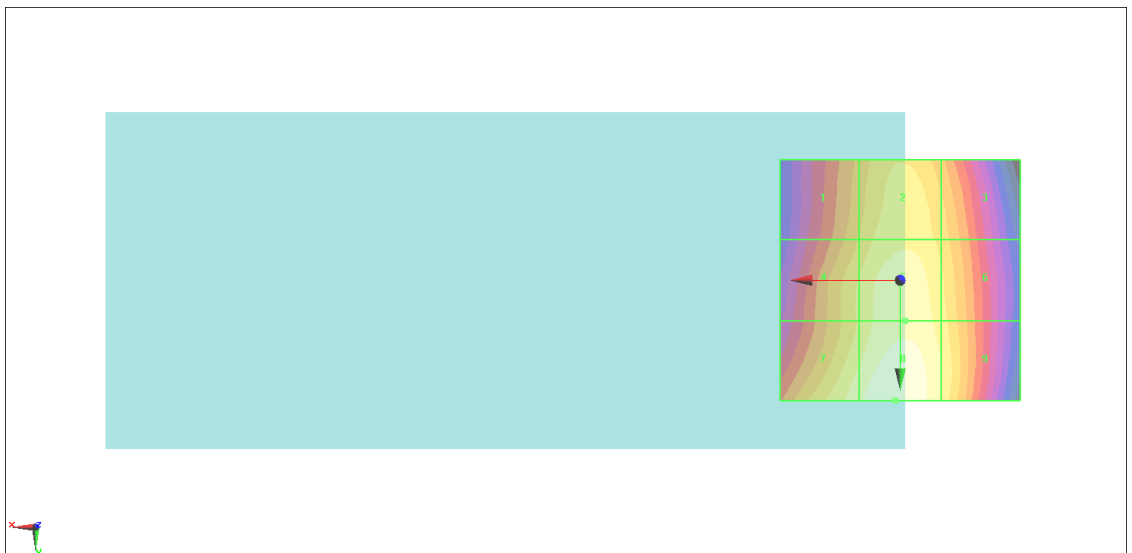
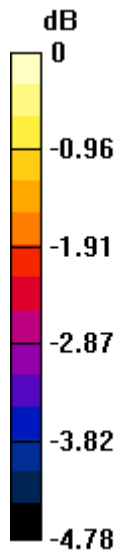
**Emission category: M4**

MIF scaled E-field

<b>Grid 1 M4</b> <b>35.77 dBV/m</b>	<b>Grid 2 M4</b> <b>36.33 dBV/m</b>	<b>Grid 3 M4</b> <b>35.94 dBV/m</b>
<b>Grid 4 M4</b> <b>36.13 dBV/m</b>	<b>Grid 5 M4</b> <b>36.61 dBV/m</b>	<b>Grid 6 M4</b> <b>36.22 dBV/m</b>
<b>Grid 7 M4</b> <b>36.62 dBV/m</b>	<b>Grid 8 M4</b> <b>37.01 dBV/m</b>	<b>Grid 9 M4</b> <b>36.41 dBV/m</b>

**Cursor:**

Total = 37.01 dBV/m  
 E Category: M4  
 Location: 1, 25, 8.7 mm



0 dB = 70.86 V/m = 37.01 dBV/m

### #04\_HAC\_E\_GSM1900\_GSM Voice\_Ch512

Communication System: 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/m<sup>3</sup>  
 Ambient Temperature : 23.5 °C

**DASY5 Configuration:**

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 1850.2 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**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

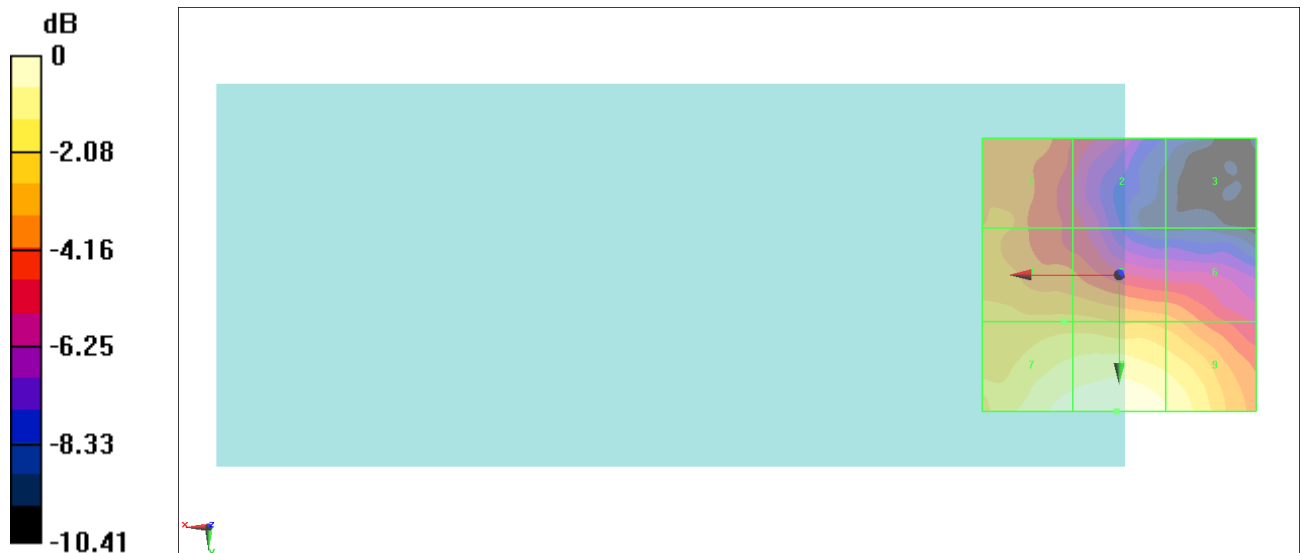
Device Reference Point: 0, 0, -6.3 mm  
 Reference Value = 10.67 V/m; Power Drift = -0.04 dB  
 Applied MIF = 3.63 dB  
 RF audio interference level = 26.76 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>23.47 dBV/m</b>	Grid 2 <b>M4</b> <b>21.97 dBV/m</b>	Grid 3 <b>M4</b> <b>18.4 dBV/m</b>
Grid 4 <b>M4</b> <b>24.28 dBV/m</b>	Grid 5 <b>M4</b> <b>24.27 dBV/m</b>	Grid 6 <b>M4</b> <b>23.63 dBV/m</b>
Grid 7 <b>M4</b> <b>26.51 dBV/m</b>	Grid 8 <b>M4</b> <b>26.76 dBV/m</b>	Grid 9 <b>M4</b> <b>26.16 dBV/m</b>

**Cursor:**  
 Total = 26.76 dBV/m  
 E Category: M4  
 Location: 0.5, 25, 8.7 mm



0 dB = 21.78 V/m = 26.76 dBV/m

### #05\_HAC\_E\_GSM1900\_GSM Voice\_Ch661

Communication System: 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/m<sup>3</sup>  
 Ambient Temperature : 23.5 °C

**DASY5 Configuration:**

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**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

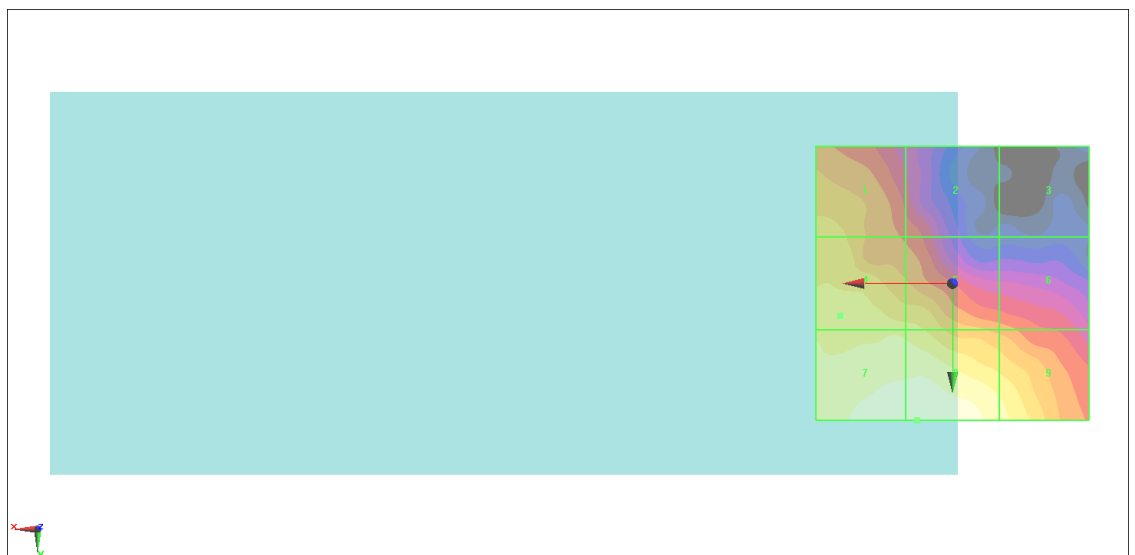
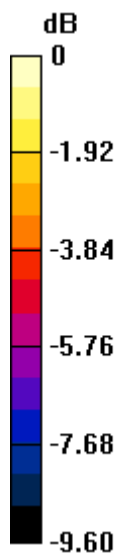
Device Reference Point: 0, 0, -6.3 mm  
 Reference Value = 9.955 V/m; Power Drift = 0.11 dB  
 Applied MIF = 3.63 dB  
 RF audio interference level = 25.79 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>23.54 dBV/m</b>	Grid 2 <b>M4</b> <b>21.84 dBV/m</b>	Grid 3 <b>M4</b> <b>18.16 dBV/m</b>
Grid 4 <b>M4</b> <b>24.53 dBV/m</b>	Grid 5 <b>M4</b> <b>24.21 dBV/m</b>	Grid 6 <b>M4</b> <b>22.38 dBV/m</b>
Grid 7 <b>M4</b> <b>25.77 dBV/m</b>	Grid 8 <b>M4</b> <b>25.79 dBV/m</b>	Grid 9 <b>M4</b> <b>24.81 dBV/m</b>

**Cursor:**  
 Total = 25.79 dBV/m  
 E Category: M4  
 Location: 6.5, 25, 8.7 mm



0 dB = 19.49 V/m = 25.79 dBV/m

### #06\_HAC\_E\_GSM1900\_GSM Voice\_Ch810

Communication System: 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/m<sup>3</sup>  
 Ambient Temperature : 23.5 °C

**DASY5 Configuration:**

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 1909.8 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**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

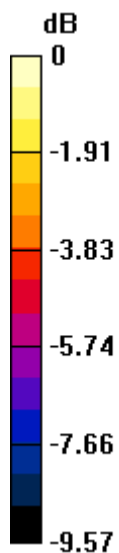
Device Reference Point: 0, 0, -6.3 mm  
 Reference Value = 9.736 V/m; Power Drift = 0.11 dB  
 Applied MIF = 3.63 dB  
 RF audio interference level = 25.80 dBV/m

**Emission category: M4**

MIF scaled E-field

<b>Grid 1 M4</b> <b>23.6 dBV/m</b>	<b>Grid 2 M4</b> <b>21.84 dBV/m</b>	<b>Grid 3 M4</b> <b>17.51 dBV/m</b>
<b>Grid 4 M4</b> <b>24.57 dBV/m</b>	<b>Grid 5 M4</b> <b>24.24 dBV/m</b>	<b>Grid 6 M4</b> <b>22.34 dBV/m</b>
<b>Grid 7 M4</b> <b>25.79 dBV/m</b>	<b>Grid 8 M4</b> <b>25.8 dBV/m</b>	<b>Grid 9 M4</b> <b>24.76 dBV/m</b>

**Cursor:**  
 Total = 25.80 dBV/m  
 E Category: M4  
 Location: 7, 25, 8.7 mm



0 dB = 19.50 V/m = 25.80 dBV/m

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

Communication System: 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); 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 : 23.5 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2412 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- 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 = 56.41 V/m; Power Drift = -0.04 dB

Applied MIF = 0.12 dB

RF audio interference level = 32.92 dBV/m

**Emission category: M3**

MIF scaled E-field

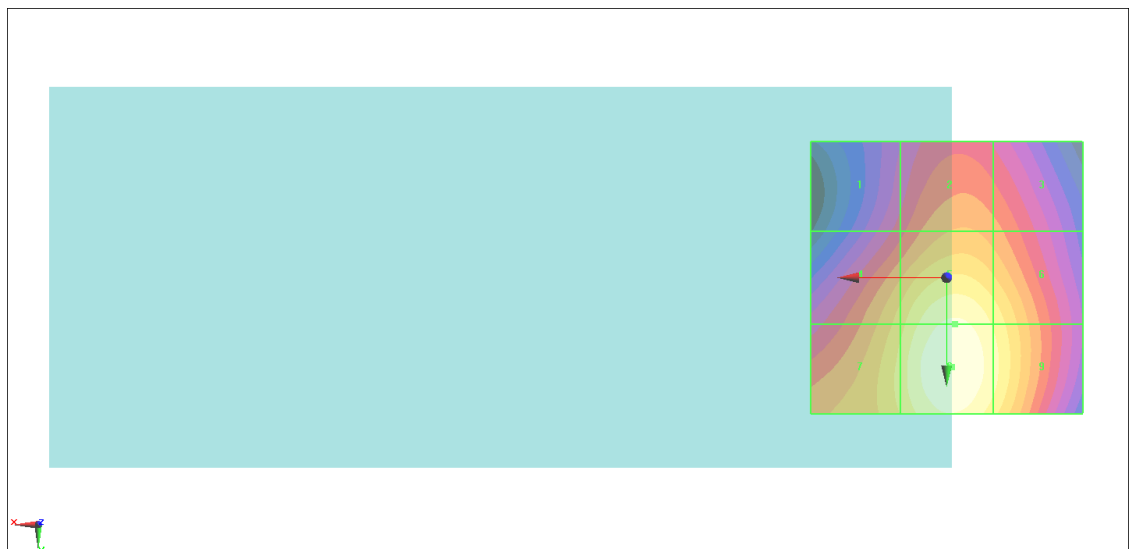
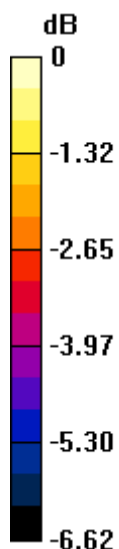
Grid 1 <b>M4</b> <b>29.69 dBV/m</b>	Grid 2 <b>M3</b> <b>30.78 dBV/m</b>	Grid 3 <b>M3</b> <b>30.49 dBV/m</b>
Grid 4 <b>M3</b> <b>31.42 dBV/m</b>	Grid 5 <b>M3</b> <b>32.57 dBV/m</b>	Grid 6 <b>M3</b> <b>31.99 dBV/m</b>
Grid 7 <b>M3</b> <b>31.79 dBV/m</b>	Grid 8 <b>M3</b> <b>32.92 dBV/m</b>	Grid 9 <b>M3</b> <b>32.23 dBV/m</b>

**Cursor:**

Total = 32.92 dBV/m

E Category: M3

Location: -1, 16.5, 8.7 mm



0 dB = 44.24 V/m = 32.92 dBV/m

### #08\_HAC\_E\_WLAN2.4GHz\_802.11g\_6Mbps\_Ch6

Communication System: 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); 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 : 23.5 °C

**DASY5 Configuration:**

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2437 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- 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 = 62.22 V/m; Power Drift = -0.10 dB

Applied MIF = 0.12 dB

RF audio interference level = 33.81 dBV/m

**Emission category: M3**

MIF scaled E-field

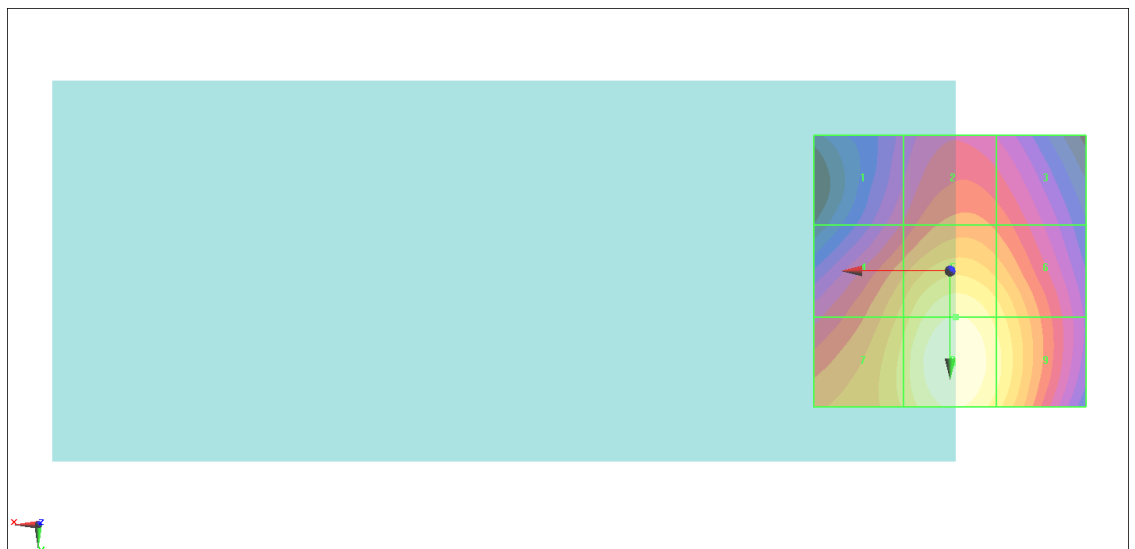
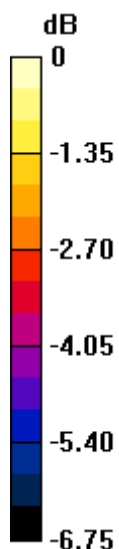
Grid 1 <b>M3</b> <b>30.32 dBV/m</b>	Grid 2 <b>M3</b> <b>31.32 dBV/m</b>	Grid 3 <b>M3</b> <b>31.02 dBV/m</b>
Grid 4 <b>M3</b> <b>32.25 dBV/m</b>	Grid 5 <b>M3</b> <b>33.39 dBV/m</b>	Grid 6 <b>M3</b> <b>32.75 dBV/m</b>
Grid 7 <b>M3</b> <b>32.69 dBV/m</b>	Grid 8 <b>M3</b> <b>33.81 dBV/m</b>	Grid 9 <b>M3</b> <b>33.08 dBV/m</b>

**Cursor:**

Total = 33.81 dBV/m

E Category: M3

Location: -0.5, 17, 8.7 mm



0 dB = 49.01 V/m = 33.81 dBV/m

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

Communication System: IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); 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 : 23.5 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2462 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- 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 = 70.03 V/m; Power Drift = -0.07 dB

Applied MIF = 0.12 dB

RF audio interference level = 34.82 dBV/m

**Emission category: M3**

MIF scaled E-field

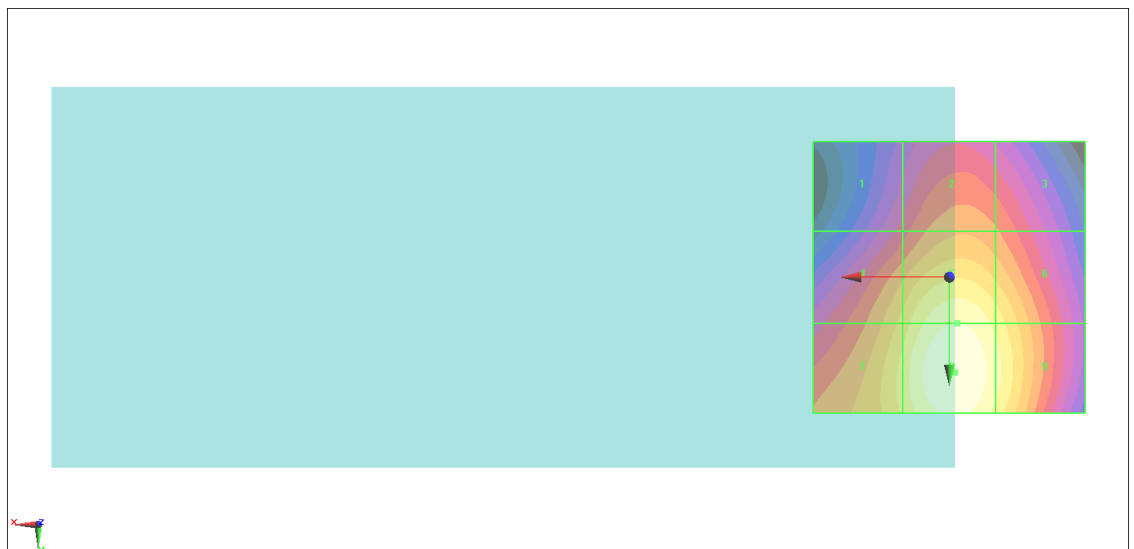
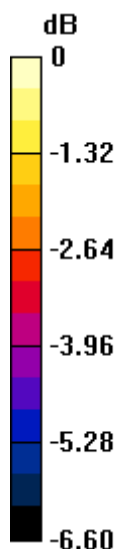
Grid 1 <b>M3</b> <b>31.56 dBV/m</b>	Grid 2 <b>M3</b> <b>32.57 dBV/m</b>	Grid 3 <b>M3</b> <b>32.26 dBV/m</b>
Grid 4 <b>M3</b> <b>33.27 dBV/m</b>	Grid 5 <b>M3</b> <b>34.4 dBV/m</b>	Grid 6 <b>M3</b> <b>33.8 dBV/m</b>
Grid 7 <b>M3</b> <b>33.72 dBV/m</b>	Grid 8 <b>M3</b> <b>34.82 dBV/m</b>	Grid 9 <b>M3</b> <b>34.12 dBV/m</b>

**Cursor:**

Total = 34.82 dBV/m

E Category: M3

Location: -1, 17.5, 8.7 mm



0 dB = 55.07 V/m = 34.82 dBV/m