



REPORT No.: SZ24120367S02

## Annex D Plots of RF Emission Test Results

# RF Interference Potential Test Report

Measurement performed on May 31, 2025 at 12:33

## Device Under Test

|              |       |                    |                       |
|--------------|-------|--------------------|-----------------------|
| Manufacturer | Model | Dimensions[mm]     | Speaker Position [mm] |
|              |       | 146.2 x 71.8 x 7.5 | 144.3                 |

## Hardware Setup

|                 |                        |             |                      |
|-----------------|------------------------|-------------|----------------------|
| Probe Name      | Probe Calibration Date | DAE Name    | DAE Calibration Date |
| ER3DV6 - SN2434 | October 24, 2024       | DAE4 Sn1643 | March 21, 2025       |

## Communication Systems

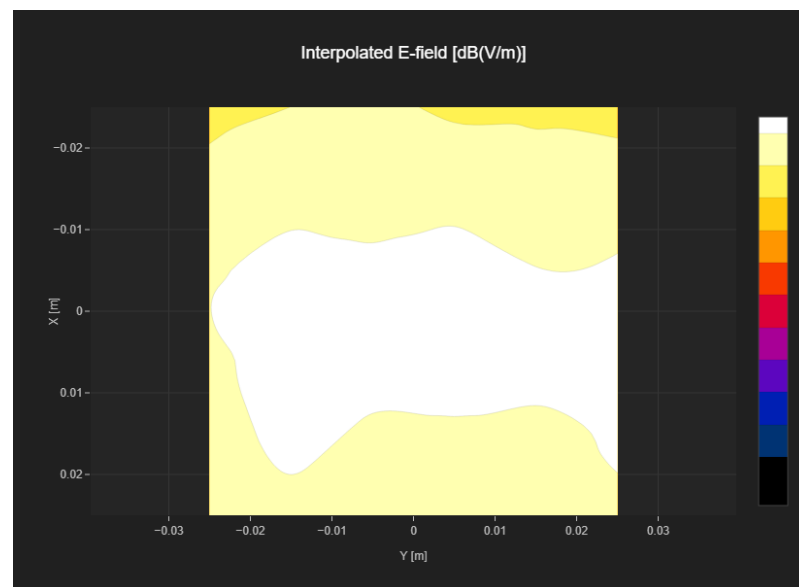
|           |                            |         |                 |
|-----------|----------------------------|---------|-----------------|
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
| GSM 850   | GSM-FDD (TDMA, GMSK)       | 128     | 824.2           |

## Grid Settings

|               |               |             |             |               |
|---------------|---------------|-------------|-------------|---------------|
| Extent X [mm] | Extent Y [mm] | Step X [mm] | Step Y [mm] | Distance [mm] |
| 50.0          | 50.0          | 10.0        | 10.0        | 15.0          |

## Results

|                            |                                     |          |                 |
|----------------------------|-------------------------------------|----------|-----------------|
| E <sub>max</sub> [dB(V/m)] | E <sub>avg50x50 max</sub> [dB(V/m)] | MIF [dB] | RFail [dB(V/m)] |
| 19.11                      | 18.16                               | 3.63     | 21.79           |



# RF Interference Potential Test Report

Measurement performed on May 31, 2025 at 12:25

## Device Under Test

|              |       |                    |                       |
|--------------|-------|--------------------|-----------------------|
| Manufacturer | Model | Dimensions[mm]     | Speaker Position [mm] |
|              |       | 146.2 x 71.8 x 7.5 | 144.3                 |

## Hardware Setup

|                 |                        |             |                      |
|-----------------|------------------------|-------------|----------------------|
| Probe Name      | Probe Calibration Date | DAE Name    | DAE Calibration Date |
| ER3DV6 - SN2434 | October 24, 2024       | DAE4 Sn1643 | March 21, 2025       |

## Communication Systems

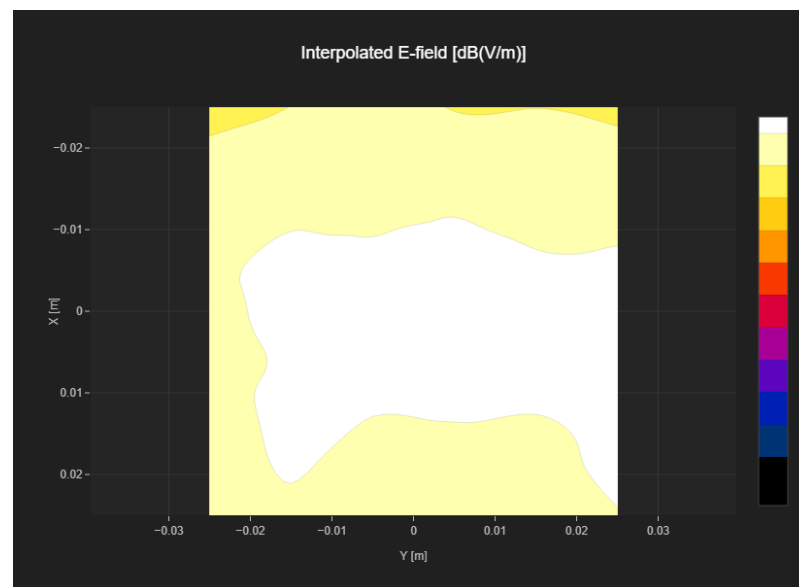
|           |                            |         |                 |
|-----------|----------------------------|---------|-----------------|
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
| GSM 850   | GSM-FDD (TDMA, GMSK)       | 189     | 836.4           |

## Grid Settings

|               |               |             |             |               |
|---------------|---------------|-------------|-------------|---------------|
| Extent X [mm] | Extent Y [mm] | Step X [mm] | Step Y [mm] | Distance [mm] |
| 50.0          | 50.0          | 10.0        | 10.0        | 15.0          |

## Results

|                            |                                     |          |                 |
|----------------------------|-------------------------------------|----------|-----------------|
| E <sub>max</sub> [dB(V/m)] | E <sub>avg50x50 max</sub> [dB(V/m)] | MIF [dB] | RFail [dB(V/m)] |
| 18.8                       | 17.9                                | 3.63     | 21.53           |



# RF Interference Potential Test Report

Measurement performed on May 31, 2025 at 12:45

## Device Under Test

|              |       |                    |                       |
|--------------|-------|--------------------|-----------------------|
| Manufacturer | Model | Dimensions[mm]     | Speaker Position [mm] |
|              |       | 146.2 x 71.8 x 7.5 | 144.3                 |

## Hardware Setup

|                 |                        |             |                      |
|-----------------|------------------------|-------------|----------------------|
| Probe Name      | Probe Calibration Date | DAE Name    | DAE Calibration Date |
| ER3DV6 - SN2434 | October 24, 2024       | DAE4 Sn1643 | March 21, 2025       |

## Communication Systems

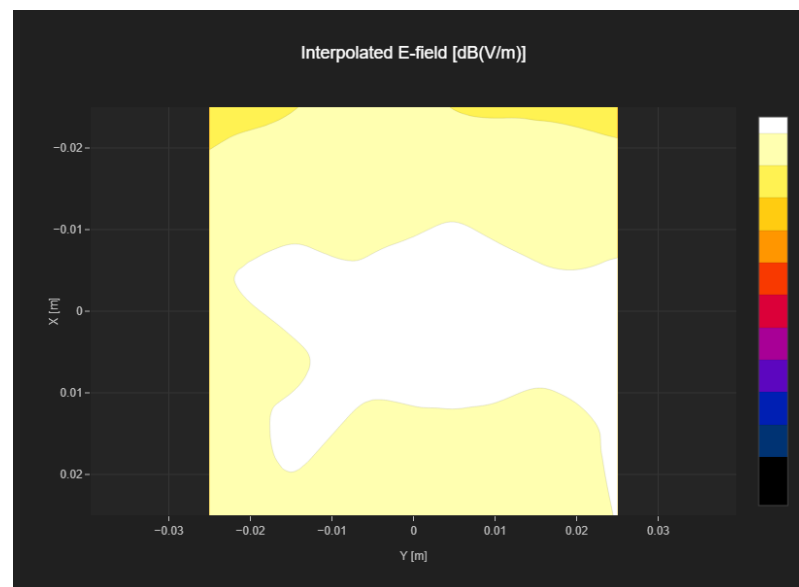
|           |                            |         |                 |
|-----------|----------------------------|---------|-----------------|
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
| GSM 850   | GSM-FDD (TDMA, GMSK)       | 251     | 848.8           |

## Grid Settings

|               |               |             |             |               |
|---------------|---------------|-------------|-------------|---------------|
| Extent X [mm] | Extent Y [mm] | Step X [mm] | Step Y [mm] | Distance [mm] |
| 50.0          | 50.0          | 10.0        | 10.0        | 15.0          |

## Results

|                            |                                     |          |                 |
|----------------------------|-------------------------------------|----------|-----------------|
| E <sub>max</sub> [dB(V/m)] | E <sub>avg50x50 max</sub> [dB(V/m)] | MIF [dB] | RFail [dB(V/m)] |
| 18.65                      | 17.62                               | 3.63     | 21.25           |



# RF Interference Potential Test Report

Measurement performed on May 31, 2025 at 12:51

## Device Under Test

|              |       |                    |                       |
|--------------|-------|--------------------|-----------------------|
| Manufacturer | Model | Dimensions[mm]     | Speaker Position [mm] |
|              |       | 146.2 x 71.8 x 7.5 | 144.3                 |

## Hardware Setup

|                 |                        |             |                      |
|-----------------|------------------------|-------------|----------------------|
| Probe Name      | Probe Calibration Date | DAE Name    | DAE Calibration Date |
| ER3DV6 - SN2434 | October 24, 2024       | DAE4 Sn1643 | March 21, 2025       |

## Communication Systems

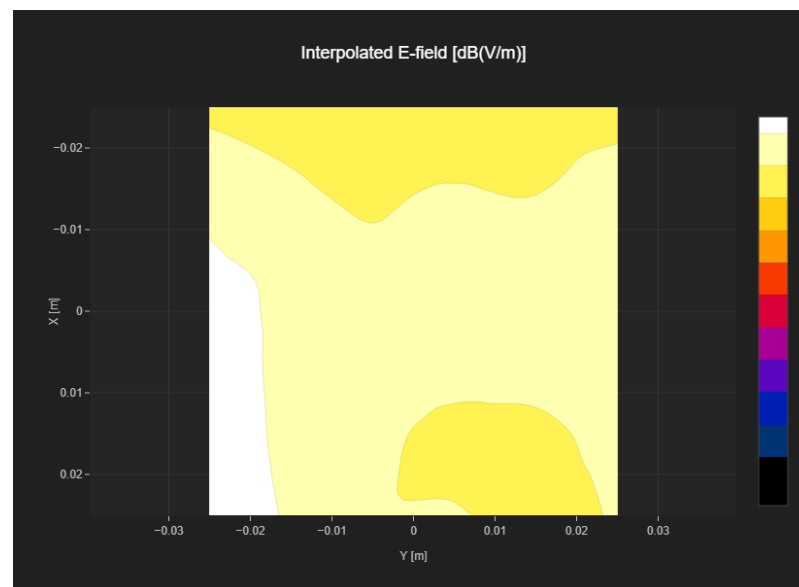
|           |                            |         |                 |
|-----------|----------------------------|---------|-----------------|
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
| PCS 1900  | GSM-FDD (TDMA, GMSK)       | 512     | 1850.2          |

## Grid Settings

|               |               |             |             |               |
|---------------|---------------|-------------|-------------|---------------|
| Extent X [mm] | Extent Y [mm] | Step X [mm] | Step Y [mm] | Distance [mm] |
| 50.0          | 50.0          | 10.0        | 10.0        | 15.0          |

## Results

|                            |                                     |          |                 |
|----------------------------|-------------------------------------|----------|-----------------|
| E <sub>max</sub> [dB(V/m)] | E <sub>avg50x50 max</sub> [dB(V/m)] | MIF [dB] | RFail [dB(V/m)] |
| 17.91                      | 17.54                               | 3.63     | 21.17           |



# RF Interference Potential Test Report

Measurement performed on May 31, 2025 at 12:48

## Device Under Test

|              |       |                    |                       |
|--------------|-------|--------------------|-----------------------|
| Manufacturer | Model | Dimensions[mm]     | Speaker Position [mm] |
|              |       | 146.2 x 71.8 x 7.5 | 144.3                 |

## Hardware Setup

|                 |                        |             |                      |
|-----------------|------------------------|-------------|----------------------|
| Probe Name      | Probe Calibration Date | DAE Name    | DAE Calibration Date |
| ER3DV6 - SN2434 | October 24, 2024       | DAE4 Sn1643 | March 21, 2025       |

## Communication Systems

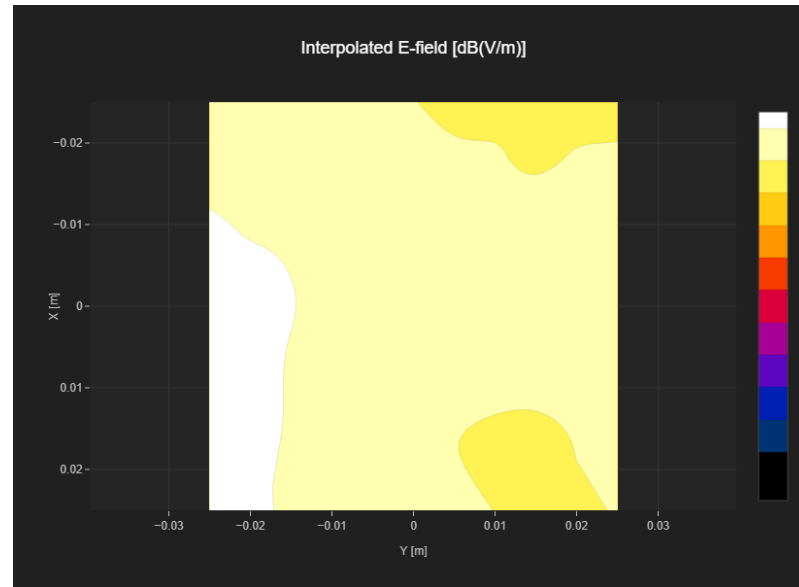
|           |                            |         |                 |
|-----------|----------------------------|---------|-----------------|
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
| PCS 1900  | GSM-FDD (TDMA, GMSK)       | 661     | 1880.0          |

## Grid Settings

|               |               |             |             |               |
|---------------|---------------|-------------|-------------|---------------|
| Extent X [mm] | Extent Y [mm] | Step X [mm] | Step Y [mm] | Distance [mm] |
| 50.0          | 50.0          | 10.0        | 10.0        | 15.0          |

## Results

|                            |                                     |          |                 |
|----------------------------|-------------------------------------|----------|-----------------|
| E <sub>max</sub> [dB(V/m)] | E <sub>avg50x50 max</sub> [dB(V/m)] | MIF [dB] | RFail [dB(V/m)] |
| 17.61                      | 17.34                               | 3.63     | 20.97           |



# RF Interference Potential Test Report

Measurement performed on May 31, 2025 at 12:55

## Device Under Test

|              |       |                    |                       |
|--------------|-------|--------------------|-----------------------|
| Manufacturer | Model | Dimensions[mm]     | Speaker Position [mm] |
|              |       | 146.2 x 71.8 x 7.5 | 144.3                 |

## Hardware Setup

|                 |                        |             |                      |
|-----------------|------------------------|-------------|----------------------|
| Probe Name      | Probe Calibration Date | DAE Name    | DAE Calibration Date |
| ER3DV6 - SN2434 | October 24, 2024       | DAE4 Sn1643 | March 21, 2025       |

## Communication Systems

|           |                            |         |                 |
|-----------|----------------------------|---------|-----------------|
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
| PCS 1900  | GSM-FDD (TDMA, GMSK)       | 810     | 1909.8          |

## Grid Settings

|               |               |             |             |               |
|---------------|---------------|-------------|-------------|---------------|
| Extent X [mm] | Extent Y [mm] | Step X [mm] | Step Y [mm] | Distance [mm] |
| 50.0          | 50.0          | 10.0        | 10.0        | 15.0          |

## Results

|                            |                                     |          |                 |
|----------------------------|-------------------------------------|----------|-----------------|
| E <sub>max</sub> [dB(V/m)] | E <sub>avg50x50 max</sub> [dB(V/m)] | MIF [dB] | RFail [dB(V/m)] |
| 17.39                      | 17.13                               | 3.63     | 20.76           |

