



REPORT No.: SZ24040390S03

Annex D Plots of RF Emission Test Results

morlab

RF Interference Potential Test Report

Measurement performed on June 17, 2024 at 17:42

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 | February 17, 2024 | DAE4 Sn480 | September 19, 2023 |

Communication Systems

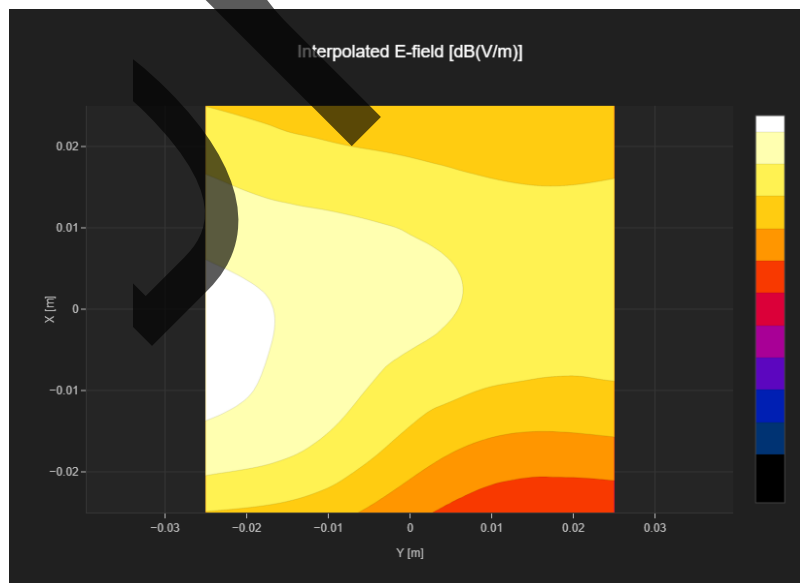
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|-----------|----------------------------|---------|-----------------|
| GSM 850 | GSM-FDD (TDMA, GMSK) | 128 | 824.2 |

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 _{max} [dB(V/m)] | E _{avg50x50 max} [dB(V/m)] | MIF [dB] | RFail [dB(V/m)] |
|----------------------------|-------------------------------------|----------|-----------------|
| 35.26 | 31.99 | 3.63 | 35.62 |



RF Interference Potential Test Report

Measurement performed on June 17, 2024 at 17:37

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 | February 17, 2024 | DAE4 Sn480 | September 19, 2023 |

Communication Systems

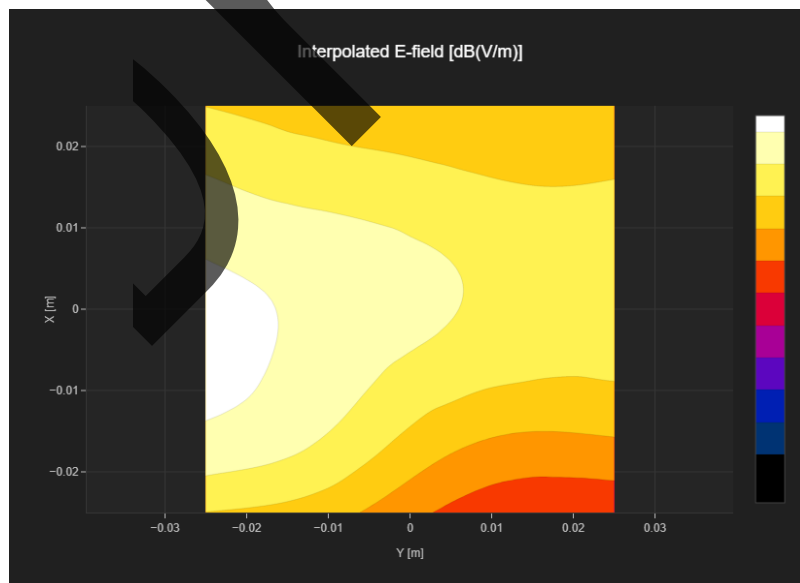
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|-----------|----------------------------|---------|-----------------|
| GSM 850 | GSM-FDD (TDMA, GMSK) | 189 | 836.4 |

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 _{max} [dB(V/m)] | E _{avg50x50 max} [dB(V/m)] | MIF [dB] | RFail [dB(V/m)] |
|----------------------------|-------------------------------------|----------|-----------------|
| 35.27 | 32.0 | 3.63 | 35.63 |



RF Interference Potential Test Report

Measurement performed on June 17, 2024 at 17:45

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 | February 17, 2024 | DAE4 Sn480 | September 19, 2023 |

Communication Systems

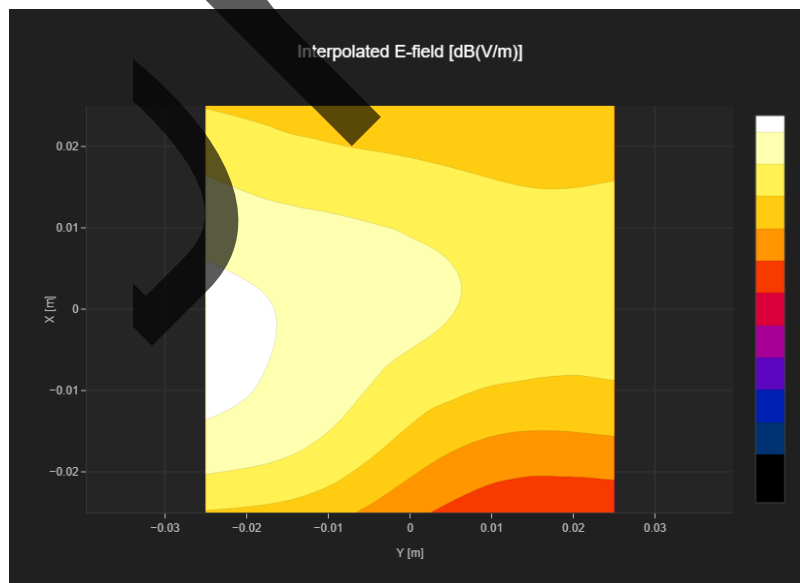
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|-----------|----------------------------|---------|-----------------|
| GSM 850 | GSM-FDD (TDMA, GMSK) | 251 | 848.8 |

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 _{max} [dB(V/m)] | E _{avg50x50 max} [dB(V/m)] | MIF [dB] | RFail [dB(V/m)] |
|----------------------------|-------------------------------------|----------|-----------------|
| 35.27 | 31.98 | 3.63 | 35.61 |



RF Interference Potential Test Report

Measurement performed on June 17, 2024 at 17:31

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 | February 17, 2024 | DAE4 Sn480 | September 19, 2023 |

Communication Systems

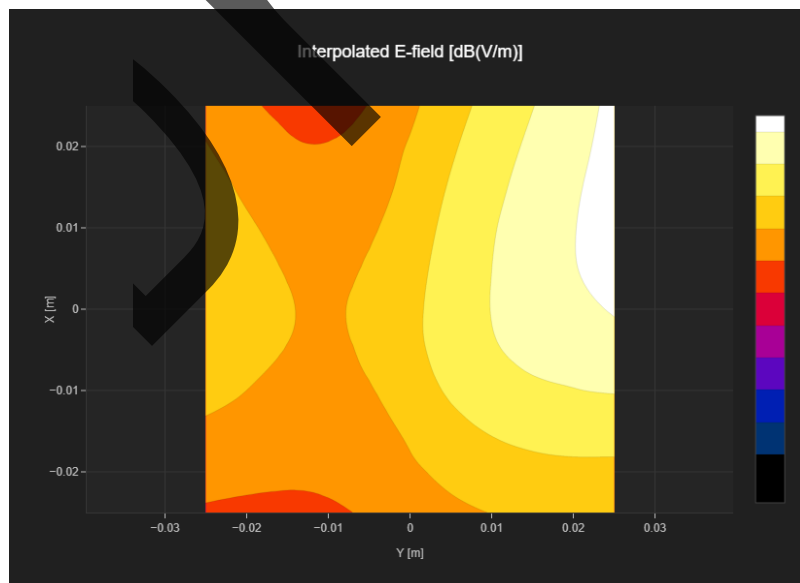
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|-----------|----------------------------|---------|-----------------|
| PCS 1900 | GSM-FDD (TDMA, GMSK) | 512 | 1850.2 |

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 _{max} [dB(V/m)] | E _{avg50x50 max} [dB(V/m)] | MIF [dB] | RFail [dB(V/m)] |
|----------------------------|-------------------------------------|----------|-----------------|
| 33.09 | 28.61 | 3.63 | 32.24 |



RF Interference Potential Test Report

Measurement performed on June 17, 2024 at 17:27

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 | February 17, 2024 | DAE4 Sn480 | September 19, 2023 |

Communication Systems

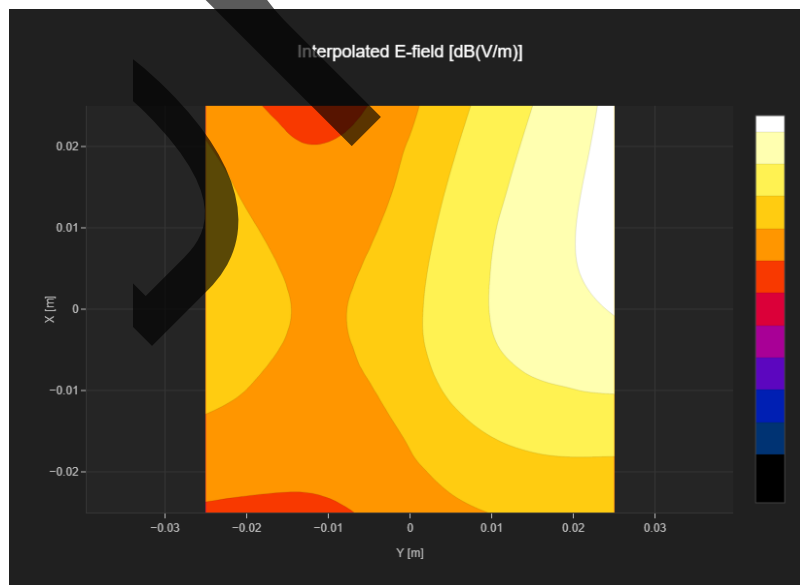
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|-----------|----------------------------|---------|-----------------|
| PCS 1900 | GSM-FDD (TDMA, GMSK) | 661 | 1880.0 |

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 _{max} [dB(V/m)] | E _{avg50x50 max} [dB(V/m)] | MIF [dB] | RFail [dB(V/m)] |
|----------------------------|-------------------------------------|----------|-----------------|
| 33.1 | 28.62 | 3.63 | 32.25 |



RF Interference Potential Test Report

Measurement performed on June 17, 2024 at 17:33

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 | February 17, 2024 | DAE4 Sn480 | September 19, 2023 |

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 _{max} [dB(V/m)] | E _{avg50x50 max} [dB(V/m)] | MIF [dB] | RFail [dB(V/m)] |
|----------------------------|-------------------------------------|----------|-----------------|
| 33.11 | 28.62 | 3.63 | 32.25 |

