



**Ohio Attorney General's Office  
Bureau of Criminal Investigation  
Analysis Report**



2025-1227

Officer Involved Critical Incident – 4411 Montgomery Road,  
Norwood, Ohio (Hamilton County) (L)

**Investigative Activity:** Digital Extraction/Parsing

**Date of Activity:** 08/03/2025

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### Summary

On 04/22/2025 the Ohio Bureau of Criminal Investigation's (BCI) Cyber Crimes Unit (CCU) was requested by the Norwood Police Department and BCI Special Investigations Unit (SIU) to assist in the investigation of an Officer Involved Critical Incident, pursuant to a search warrant.

### Submitted Items:

001 – Mobile Phone – Red vortex J24

002 – Mobile Phone – Blue Samsung Galaxy A15 5G SM-A156U

### Details

**Item #001:** The red Vortex J24 cell phone in a clear case was received powered on. The cell phone was already in Airplane mode. The cell phone did not contain a passcode. The cell phone contained an unbranded SIM card. The unbranded SIM card was removed from the cell phone, placed in an adapter, and connected to a forensic workstation. Cellebrite, a forensic tool capable of bypassing certain security restrictions, determining passcodes, extracting data from various devices, and converting the data to an easily readable format, was used to perform an extraction of the SIM card. The cell phone did not contain a microSD card. The cell phone was connected to Cellebrite. A Full File System extraction was performed with Cellebrite. The cell phone and SIM card extractions were processed with Cellebrite Physical Analyzer.

**Item #002:** The blue Samsung Galaxy A15 5G (SM-A156U) cell phone in a clear case was received powered on. The cell phone was not in Airplane mode. The cell phone contained an unknown length pin. The cell phone was unable to be placed in Airplane mode due to the unknown pin. The cell phone contained a T-Mobile SIM card. The T-Mobile SIM card was removed from the cell phone, placed in an adapter, and connected to a forensic workstation. Cellebrite was used to perform an extraction of the SIM card. The cell phone did not contain a microSD card. The cell phone was connected to Graykey. GrayKey is a forensic tool capable of bypassing certain security restrictions, determining passcodes, and extracting data from devices. GrayKey was able to determine the passcode to be "██████". A Full File System extraction was performed with GrayKey. The cell phone was placed in Airplane mode. The cell phone and

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SIM card extractions were processed with Cellebrite Physical Analyzer.

## Conclusions

**Item #001:** Data was extracted from the Vortex J24 cell phone. All data from the Full File System extraction from the Vortex J24 cell phone is provided for review with Cellebrite Reader.

**Item #002:** Data was extracted from the Samsung Galaxy A15 5G (SM-A156U) cell phone. All data from the Full File System extraction from the Samsung Galaxy A15 5G (SM-A156U) cell phone is provided for review with Cellebrite Reader.

## Attachment

The folder "001 - Vortex J24" contains the Cellebrite Reader program and the report package of data that was extracted from the cell phone. Double-click "CellebriteReader.exe" to open the application. Allow a few seconds for the data to begin loading indicated by a green status bar in the bottom right corner. If the parsed data is not loaded automatically then click Open from the File menu, browse to this folder, and choose "001 - Vortex J24 Report" to view the data that was processed from the cell phone.

The folder "002 - Samsung Galaxy A15 5G" contains the Cellebrite Reader program and the report package of data that was extracted from the cell phone. Double-click "CellebriteReader.exe" to open the application. Allow a few seconds for the data to begin loading indicated by a green status bar in the bottom right corner. If the parsed data is not loaded automatically then click Open from the File menu, browse to this folder, and choose "002 - Samsung Galaxy A15 5G Report" to view the data that was processed from the cell phone.

The "Evidence Pictures" folder contains pictures of the cell phones and SIM cards.

Please contact BCI CCU at 740-845-2418 if additional details or analysis are requested. A copy of the attachments will be retained by BCI CCU.