**Sample Test Report by Ellie Mirzaei**

Table of Contents

[1 Summary 2](#_Toc181602888)

[1.1 Objective 2](#_Toc181602889)

[1.2 Outcome 2](#_Toc181602890)

[1.3 Result 2](#_Toc181602891)

[2 Test Execution Summary 2](#_Toc181602892)

[3 Issue Summary 2](#_Toc181602893)

[4 Feature Testing Results 3](#_Toc181602894)

[5 Performance Result 3](#_Toc181602895)

[6 Deployment Guide Recommendations 3](#_Toc181602896)

[7 Conclusion 4](#_Toc181602897)

# Summary

## Objective

Validate new features and compatibility of Sofia Software with updated FW for A4 asset tag.

## Outcome

Successful completion of test cases with minor issues identified.

## Result

Ready for deployment with recommendations.

# Test Execution Summary

|  |  |  |  |
| --- | --- | --- | --- |
| **Test Cases** | **Status** | **Issues Found** | **Comments** |
| Test Case 1 | Passed | |  | | --- | |  |   None | All feature worked with FW V1. |
| Test Case 2 | Passed | Minor | Minor latency when switching from Cisco AP to G3.G Gateway. |
| Test Case 3 | |  | | --- | |  |  |  | | --- | | Passed | | Minor | Stable connection confirmed. |

# Issue Summary

**Issue 1**: Minor delay during tag switching between Cisco AP and G3.G Gateway.

* **Resolution**: Firmware adjustment recommended for smoother transitions.

# Feature Testing Results

Each new asset-tracking feature was verified:

**Feature A**: Enabled accurate asset location tracking. No issues.

**Feature B**: Integrated with Cisco AP seamlessly. Minor connectivity delay noted.

**Feature C**: Operated well with both AP and Gateway.

**Feature D**: Successfully registered asset locations in Sofia Software.

**Feature E**: Required update for optimal speed on G3.G Gateway.

# Performance Result

**Connectivity and Data Rates**: No data loss over multiple sessions.

**System Reliability**: Passes with high stability on both AP and Gateway.

# Deployment Guide Recommendations

1. **Setup**: Configure A4 tags to connect to either Cisco AP or G3.G Gateway based on site needs.
2. **Feature Configuration**: Ensure settings in Sofia Software align with specific tracking requirements.
3. **System Testing**: Perform a pre-deployment test to confirm connectivity.

# Conclusion

The new Sofia software and updated A4 asset tag firmware have passed the necessary tests and are ready for deployment. Minor adjustments for connectivity delays are recommended for enhanced user experience.