

AggieSat6 [X] Design Document

AGS6-xx-xx-xxx-Rx

x/xx/xxxx

Prepared by: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_

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Name Date

Title

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| **REV** | **Date** | **Description of Change** | **Prepared** | **Reviewed** | **Approved** |
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# Abbreviations

|  |  |
| --- | --- |
| AGSL | Aggie Satellite Laboratory |
| AGS6 | AggieSat6 |
| CDH | Command and Data Handling |
| COM | Communications |
| EPS | Electrical Power Subsystem |
| GSO | Ground Support and Operations |
| GNC | Guidance, Navigation, and Control |
| PAY | Payload |
| RF | Radio Frequency |
| RVM | Requirement Verification Matrix |
| SYS | Systems |
| TMS | Thermal, Mechanisms, and Structures |
| UNP | University Nanosatellite Program |
|  |  |

# Introduction

## Purpose

[Insert purpose here: This statement should establish a high-level explanation of as to why this document exist and design. Documents like these tend to be living documents, that means that they are continually revised and re-edited as things progress forward or change]

## Scope

[Insert scope here: The scope section should provide an overview of the content of this document. It should also explain for what are the boundaries that this document explains/ is responsible for.]

## Background

[Provide background and context for the existence of this document. Similar to a movie developing the plot of a movie, this is where you would do that.]

# [Title section]

## [Statement]

### [Statement as before]

[Explanation of statement]

# Conclusion

The [name of document] design for [project name] has been outlined in this document. This will be a “living” document updated to reflect the expected changes to the mission as time progresses.

# References

[1] REGS-01-R3-GOES ICD

[2] REGS-01-R9-Image Generation Test

[3] REGS-00-R0-Build Plan