**CDH Software**

**Comm Control Test Document**

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| **Prepared by** | Chris Zhang |
| **Revision** | 1.0 |
| **Date** | 2016.02.13 |
| **Reference** | Comm Control Test Document |
| **Signed By** |  |

# Document Change Log

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| **Description of Changes** | | | **Modified Section** | **Revision** | **Date** | |
| Initial Issue | | |  | 1.0 | 2016.02.13 | |
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# Procedures

**(To be used in conjunction with the PUS Service Interfaces document, and the Command Line Interface document)**

1. Set up two transceivers with one SSM
2. Change the pin numbers in comm\_control.h
3. Set VHF transceiver
4. Test transmitting and receiving on VHF
   1. Transmit a dummy message with one transceiver and receive it on another SSM
   2. Repeat step a
   3. Flip the two switches to receiving mode
   4. Transmit a dummy message with another SSM and receive it on the transceiver
   5. Repeat step d
5. Switch to another transceiver by setting different SS high/low
6. Set UHF transceiver
7. Test transmitting and receiving on UHF
   1. Transmit a dummy message with one transceiver and receive it on another SSM
   2. Repeat step a
   3. Flip the only pin for RFFM6403 and reset the transceiver
   4. Transmit a dummy message with another SSM and receive it on the transceiver
   5. Repeat step d
8. Switch back to VHF and repeat all steps

# Test Results

Report the results of each major test here and the actions that were taken to correct any issues (or simply insert a link to the issue that was opened)