This form is used to record verification test results and to self-certify that (1) broadcaster installation and configuration of signal signing, and (2) all broadcasts that will be signed, are both is in conformance with the ATSC 3.0 technical specifications/standards. When complete, sign the form and submit by emailing this to [compliance@a3sa.com](mailto:compliance@a3sa.com).

This document relies on the A3SA Application Note – Preparation for NextGen TV Signal Signing (the "Procedure") which describes best practices for signing setup and verification. Refer to it for instructions, procedures, and tools.

PLEASE COMPLETE ALL FIELDS ACCURATELY

# Station Information

|  |  |
| --- | --- |
| Organization: | Facility ID: |
| Phone: | E-mail: |
| Address 1: | Address 2: |
| City, State: | Zip: |
| Call Signs (List all that apply): |  |

# Tester Information

|  |  |
| --- | --- |
| Name: | Title: |
| Phone: | E-mail: |
| Address 1: | Address 2: |
| City, State: | Zip: |
| Org Name (if different than above): |  |

# Verification Results Using Signing Engine OCSP (Procedure Section 6.1)

|  |  |  |
| --- | --- | --- |
| Signing Engine Make: | Model: | Software Version: |
| Yes – this signing engine has certificate status checking using OCSP and it showed ***"good"*** for both CDT and SMT certificates. | | |
| No – describe: | | |

# Verification Results Using IRD Validity Checking (Procedure Section 6.2)

|  |  |  |
| --- | --- | --- |
| IRD Make: | Model: | Software Version: |
| Yes – this IRD has signature validity checking and it showed ***"unsigned"*** for both CDT and SMT ***before*** enabling service signal signing. | | |
| No – describe: | | |
| Yes – this IRD has signature validity checking and it showed ***"Valid"*** for both CDT and SMT ***after*** enabling service signal signing. | | |
| No – describe: | | |

# Verification Results of Certificate Extraction and Validation (Procedure Section 6.3)

|  |  |  |  |
| --- | --- | --- | --- |
| Enter IRD tool used for Certificate Extraction: | IRD Make: | Model: | Software Version: |
| Yes – the following certificates were all ***extracted*** without issue: Root-CA, Signing CA intermediate, Signaling Signing primary for CDT, and Signaling Signing primary for SMT | | | |
| No – describe: | | | |
| Yes – all extracted certificates (Root-CA, Signing CA intermediate, primary for CDT, and primary for SMT) ***decoded*** without issue, and upon inspection those data elements listed in Procedure 6.3.3.2 (Step 5) were consistent with expectations. | | | |
| No – describe: | | | |
| Yes – all extracted certificates (Root-CA, Signing CA intermediate, primary for CDT, and primary for SMT) ***parsed*** without issue as per (e.g.) Procedure 6.3.3.3. ***All*** data elements listed in Procedure 6.3.3.3 (Step 8) were consistent with expectations. | | | |
| No – describe: | | | |
| Yes – all extracted certificates (Root-CA, Signing CA intermediate, primary for CDT, and primary for SMT) show OCSP status of ***"Good"*** per (e.g.) Procedure 6.3.3.4. The status logs ***have been saved*** as have the certificates and private keys as per Procedure 3.2. | | | |
| No – describe: | | | |

# Verification Results Using ATSC 3 TVs for the Consumer Market (Procedure Section 6.4.3)

|  |  |  |
| --- | --- | --- |
| TV Make: | Model: | Firmware Version: |
| Yes – this TV ***has*** signature checking capability and with it ***enabled*** it showed ***no*** consumer warning ***after*** enabling service signal signing | | |
| No – describe:        N/A | | |
| Yes – this TV ***does not have*** signature checking capability and it showed ***no*** consumer warning ***after*** enabling service signal signing. | | |
| No – describe:        N/A | | |

|  |  |  |
| --- | --- | --- |
| TV Make: | Model: | Firmware Version: |
| Yes – this TV ***has*** signature checking capability and with it ***enabled*** it showed ***no*** consumer warning ***after*** enabling service signal signing | | |
| No – describe:        N/A | | |
| Yes – this TV ***does not have*** signature checking capability and it showed ***no*** consumer warning ***after*** enabling service signal signing. | | |
| No – describe:        N/A | | |

|  |  |  |
| --- | --- | --- |
| TV Make: | Model: | Firmware Version: |
| Yes – this TV ***has*** signature checking capability and with it ***enabled*** it showed ***no*** consumer warning ***after*** enabling service signal signing | | |
| No – describe:        N/A | | |
| Yes – this TV ***does not have*** signature checking capability and it showed ***no*** consumer warning ***after*** enabling service signal signing. | | |
| No – describe:        N/A | | |

# Self-Certification

By signing here, I certify that (1) this verification test results report is true, accurate and complete; and (2) any signal that will be signed with ATSC 3.0 Signaling Signing Certificates will be fully compliant with the applicable ATSC 3.0 technical specifications/standards:

|  |  |
| --- | --- |
| Signature: | Date: |
| Name: | Title: |