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.

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:       |