

**CTA-2009-C Test Reporting Template  
for Receivers Capable of 1050 Hz Tone Alerting**

This test reporting template applies for NWR receivers that are not capable of alerting on NWR SAME (Specific Area Message Encoding) content, but are capable of alerting on the 1050 Hz tone contained in an NWR alert message. For those NWR receiver types, the CTA-2009-C test report submitted to the National Weather Service for NWR All Hazards logo use consideration shall contain all the test procedure definitions and test results defined in the table below. Each test result shall clearly identify which CTA-2009-C test element being addressed, by CTA-2009-C section number and/or section title.

<b>CTA-2009-C Section Number</b>	<b>CTA-2009-C Section Title</b>	<b>Test Procedure Definition Required</b>	<b>Test Results Reporting Requirements</b>
4.1	Channel Availability	Documentation of Procedure/Process used to Verify this requirement.	1. Pass/Fail
4.2	Channel Selection Methods	None	1. Pass/Fail
4.3	Selectivity	None	1. Frequency of "Wanted Signal" 2. Measured selectivity in dB, for channel above and channel below.
4.4	Signal to Noise Ratio	None	1. NWR Frequency used for Measurement 2. Measured Signal to Noise Ratio in dB
4.5	Spurious Signal Rejection	None	1. NWR Frequency used for Measurement 2. F(i) intermediate frequency 3. Worst case spurious signal rejection level in dB

4.7	12 dB SINAD	None	<ol style="list-style-type: none"> <li>1. NWR Frequency used for Measurement</li> <li>2. Measured input signal level for 12 dB SINAD in uV or dBm.</li> </ol>
4.8	AFSK Decoding Sensitivity (Test procedure modified to conduct as 1050 Hz Decoding Sensitivity Test, see Note 1 below)	Description/Definition of software/device used to generate the required AFSK SAME message (with 1050 Hz tone).	<ol style="list-style-type: none"> <li>1. Lowest measured input signal level that achieves 100% correct decoding in uV or dBm.</li> </ol>
4.9	Output Level and Frequencies (Optional)	None	<ol style="list-style-type: none"> <li>1. Pass/Fail</li> </ol>
4.10	Battery Backup/Low Battery Indication	None	<ol style="list-style-type: none"> <li>1. Measured battery backup time in standby mode.</li> <li>2. Measured battery backup time with audio on.</li> </ol>
4.11	Antenna Input Connector (If Applicable)	None	<ol style="list-style-type: none"> <li>1. Pass/Fail</li> </ol>
5.11	Override of Other Device Functions	None	<ol style="list-style-type: none"> <li>1. Pass/Fail</li> </ol>

Note 1: For CTA-2009-C section 4.8, AFSK Decoding Sensitivity, the test procedure shall be modified and run as a 1050 Hz Decoding Sensitivity Test. The test signal definition in CTA-2009-C, section 4.8.1 shall be modified to include an 8 second 1050 Hz tone in the appropriate location. Correct decoding of the transmitted SAME message shall be determined by the receiver alerting on the 1050 Hz tone.