

Date Sign
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## We, «IRD manufacturer»

hereby state that the following products:

Brand:

Model:

Platform:

Software version "SW v1" (sw version to be upgraded/starting point):

Software version, "SW v2" (new sw version after upgrade):

Software version, "SW v3" (sw version to test IRD do not downgrade):

We «company» have performed self-test according to NorDig Test Plan 3.1 (1) test cases listed in this document.

The IRD SSU implementation comply with the NorDig Unified IRD specification v3.1, section 10 The System Software Update..

The IRD SSU implementation comply with both delivery methods #D4 (OTN SSU) and #D5 (USB SSU) mentioned in NorDig Unified IRD specification v3.1 section 10.2.

The IRD comply with approach: «Select A1-A4» mentioned in table 10.1 in section 10.2

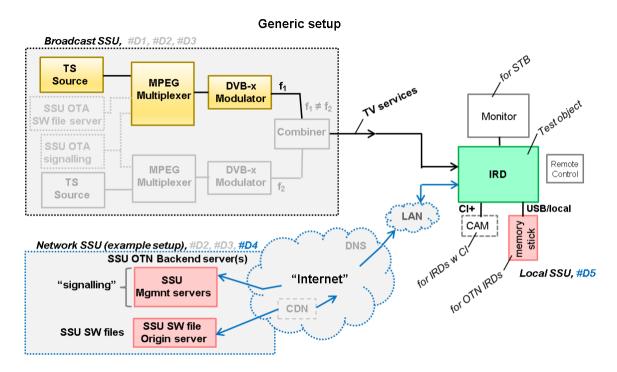
Note 1: Until NorDig Test Plan v3.1 is published, the NorDig Test Plan v2.6 addendum for SSU test cases may instead be used for these self-testing.

COMPANY STAMP/Signature



## **Test equipment summary**

To configure the minimum test setup described in these test procedures, the test setup seen in below figure can be used for delivery alternatives #D4 and #D5.



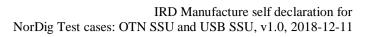
## IRD Manufacturer description of test setup

The IRD Manufacturer shall below describe the test setup used for the testing (for example with a drawing as above):



## **Test Cases**

Test Case	Task 11:4 IRD System software update using over-the-network download							
Section	NorDig Unified 10.1, 10.2 and 10.3							
Requirement and Test procedure	For the Test requirement and Test procedure refer to the Test Task 11.4 in the latest NorDig Test Plan.							
Test result(s)	Tost points		OK or NOK					
	Test points 6	Does IRD have a setting for automatic SSU search set by default to "auto search"?	OK OI NOK					
	7-10	IRD is able to upgrade the System Software over-the-network.						
	11-14	IRD has a mechansim that ensures only newer software version than the existing System Software is accepted (testing with same version number)						
	15-19	IRD has a mechansim that ensures only newer software version than the existing System Software is accepted (testing with lower version number)						
	20-25	IRD starts after electric break using old (working) software.						
	26-29	The IRD clarifies the network disturbancies under OTN download. Download is either aborted or resumed after a short network break.						
Conformity.	OV Ek	M M 1 C C 1						
Comments	OK Fault	Major Minor, define fail reason in comments	¬NO					
Comments	If possible describe if fault can be fixed with software update: <b>YES</b> NO Describe more specific faults and/or other information							
Date	_	Sign						





Test Case	Task 11:5 IRD System software update using USB update							
Section	NorDig Unified 10.1, 10.2 and 10.3							
Requirement and Test procedure	For the Test requirement and Test procedure refer to the Test Task 11.4 in the latest NorDig Test Plan.							
Test result(s)	Test points  IRD correctly upgrades its software  IRD starts after power break using old (working) software.  The IRD does not download or install the SSU from other sources/manufacturers							
Conformity	OK Fault Major Minor, define fail reason in comments							
Comments	If possible describe if fault can be fixed with software update: <b>YES</b> NO Describe more specific faults and/or other information							
Date	Sign							



Test Case	Task 11:6 SSU end user functionality							
Section	NorDig Unified 10.1, 10.2, 10.5, 16.4							
Requirement and Test procedure	For the Test requi	For the Test requirement and Test procedure refer to the Test Task 11.4 in the latest NorDig Test Plan.						
Test result(s)	<b>Delivery</b> alternatives	Non connectable IRD	OK or NOK or N/A	Internet connectable IRD	OK or NOK or N/A			
	#D1	Mandatory		Mandatory to				
	#D2	n/a		implement at least one				
	#D3	Optional		of the alternatives #D1,				
	#D4	n/a		#D2, #D3 or #D4.				
	#D5	Optional		Optional unless #D1/#D2/#D3 are not implemented, then mandatory.				
	Approach alternatives	Non connectable IRD	OK	Internet connectable IRD	OK			
	atternatives		or NOK or N/A	IRD	or NOK or N/A			
	#A1	Mandatory to	- "	Mandatory to	1			
	#A2	implement at least one		implement at least one				
	#A3	of the alternatives		of the alternatives				
		#A1, #A2 or #A3.		#A1, #A2, #A3 or				
	#A4	Optional		#A4.				
	#A5	Optional		Optional				
	OI N							
	IRD displays pop-up message with language selected in the settings							
	IRD informs user about upgrade process when applicable							
	User can cancel the ongoing upgrade process User can abort/postpone available update							
	User is reminded about available update							
	User can disable Fully automatic mode.							