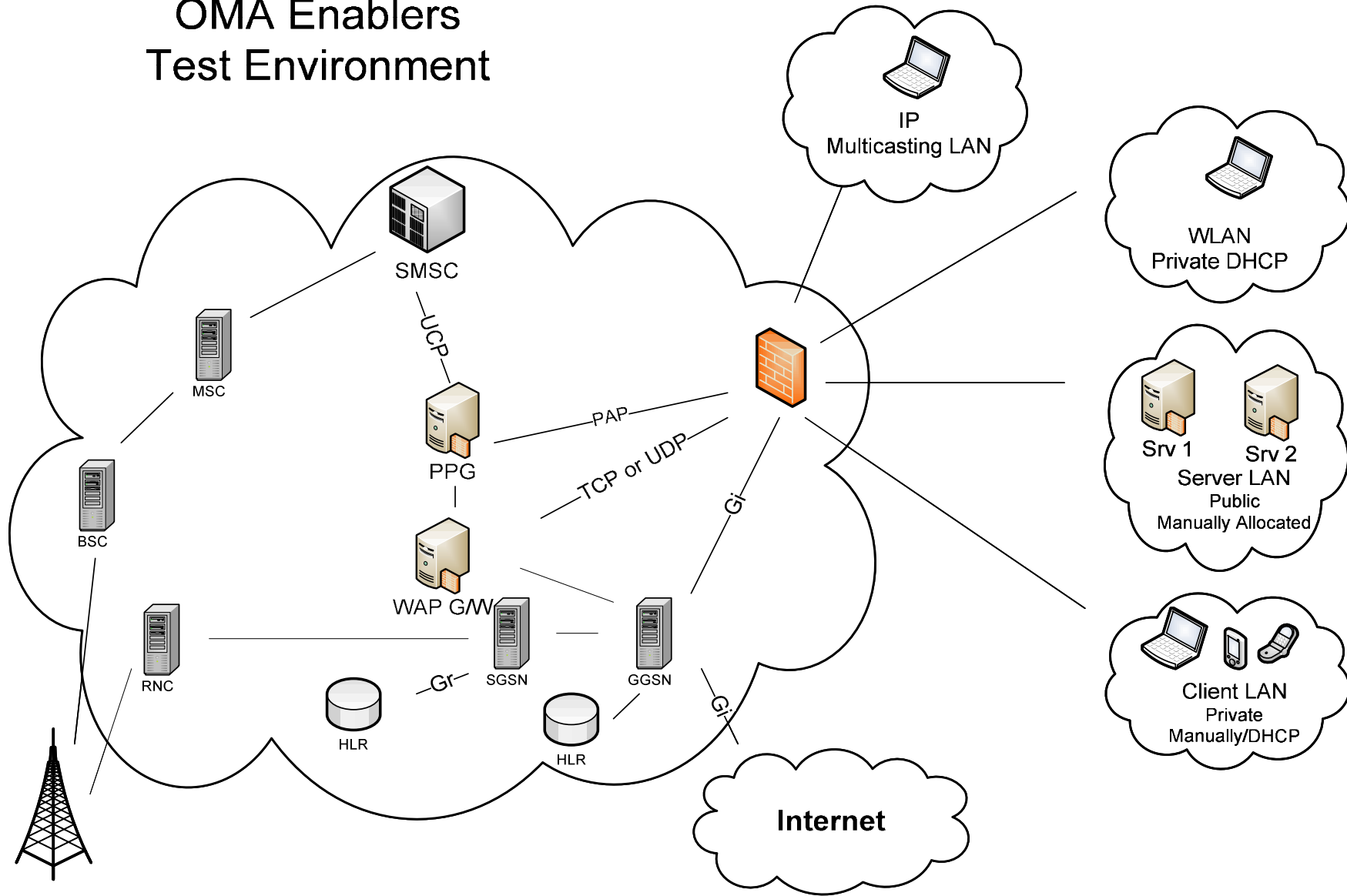


TestFest-22 Result Analysis

DRM v2.1

Approved Enabler

OMA Enablers Test Environment



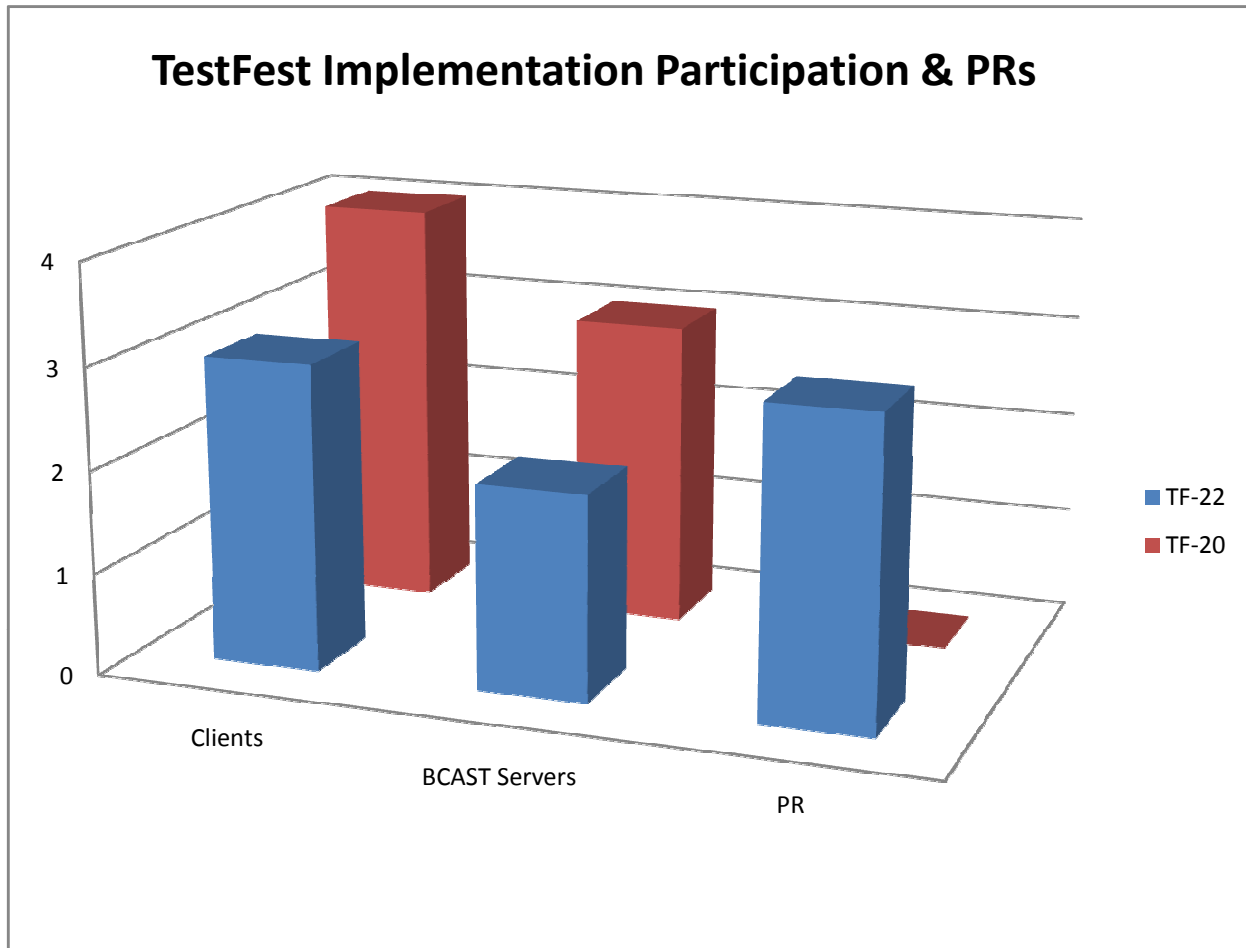
DRM v2.1 TestFest Participation

	Clients	BCAST Servers	PR
TF-22	3	2	3
TF-20	4	3	0

Status of DRM v2.1 Test Cases per DRM v2.1 Functions

	TC Never Run/"Passed"	TC "Passed" btw 1 to 5	TC "Passed" btwn 6 to 10	TC "Passed" btwn 11 to 20	TC "Passed" more thn 20 times	Number Test Cases in each Test Group
Backwards Compatibility	0	0	2	9	0	11
ROAP	0	4	1	1	0	6
RO UPLOAD	0	4	0	0	0	4
DEVICE RIGHTS OBJECT INCLUDED IN DCF	0	0	1	0	0	1
GROUP ID	0	1	1	0	0	2
MULTIPLE RIGHTS OBJECTS FOR SINGLE DCF	0	0	0	2	0	2
MULTIPART DCF	0	5	0	0	0	5
SUPERDISTRIBUTION	0	0	1	1	0	2
REL SEMANTICS	0	1	5	4	0	10
METERING	0	2	3	0	0	5
DCF TEXTUAL HEADERS	0	2	1	0	0	3
INHERITANCE MODEL	0	1	2	0	0	3
DOMAINS	0	1	1	0	0	2
Domain upgrade	0	0	6	0	0	6
DCF METADATA	0	2	0	0	0	2
WBXML ENCODING OF TRIGGERS	0	1	0	0	0	2
UNCONNECTED DEVICES	5	0	0	0	0	5
MULTIPLE PKIS	0	0	3	0	0	3
NON-STREAMABLE PDCF	7	0	0	0	0	7
STREAMABLE PDCF	3	0	0	0	0	3
HTTP AND OTA DOWNLOAD	0	1	2	0	0	3
Total Test Cases (Tested at TF-20 and TF-22)	15	25	29	17	0	87

DRM v2.1 TestFest Participation



Status of DRM v2.1 Test Cases classified per DRM Test Groups

DRM v2.1 ETS is divided in Test Groups.

The below diagram classifies the current **87** DRM v2.1 Test Cases in five groups:

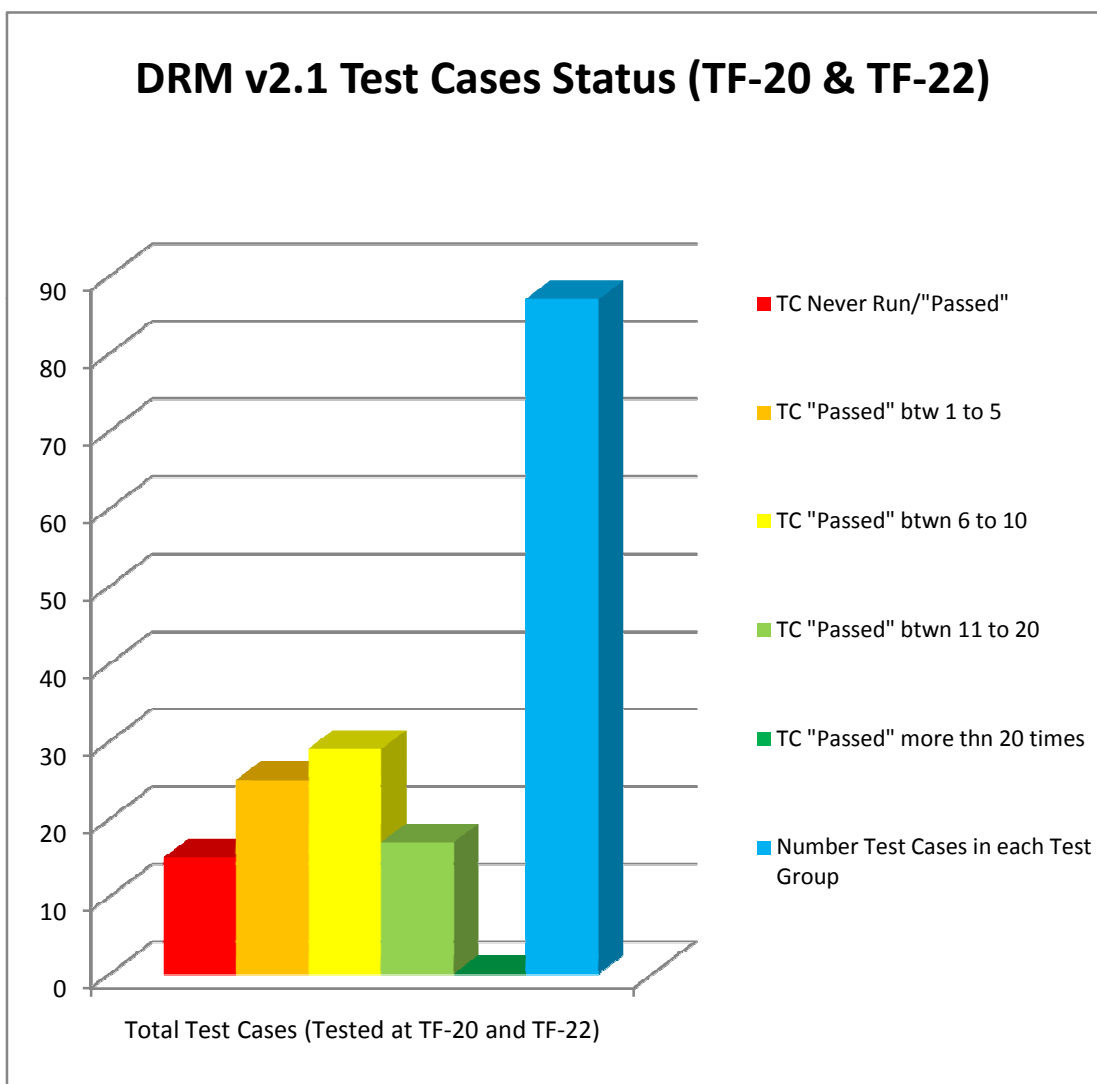
Test Cases that have never been Run or "Passed"

Test Cases that have been Tested and "Passed" between 1 to 5 times

Test Cases that have been Tested and "Passed" between 6 to 10 times

Test Cases that have been Tested and "Passed" between 11 to 20 times

Test Cases that have been Tested and "Passed" more than 20 times



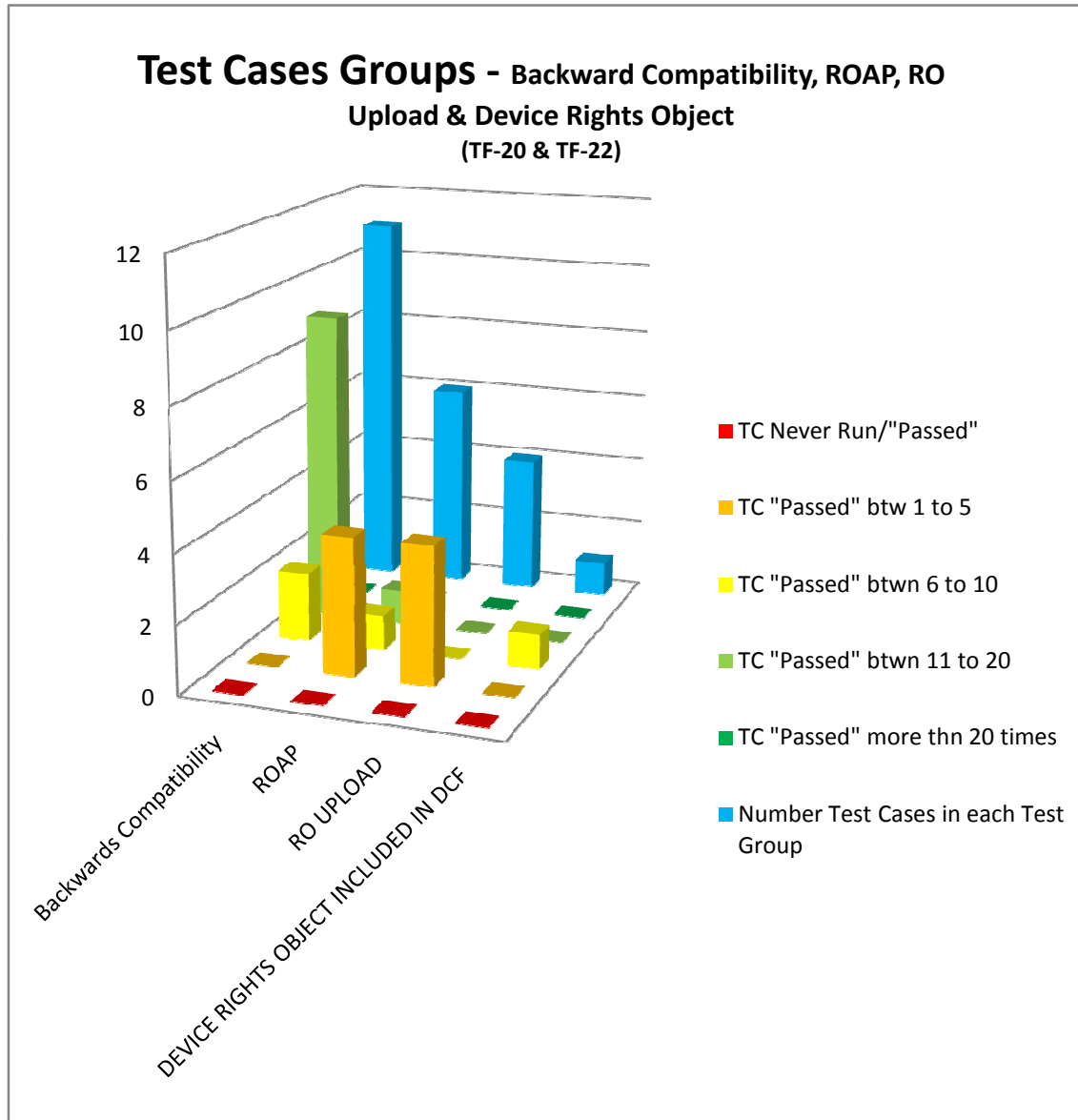
Same analysis for the following DRM v2.1 Test Groups:

Backwards Compatibility

ROAP

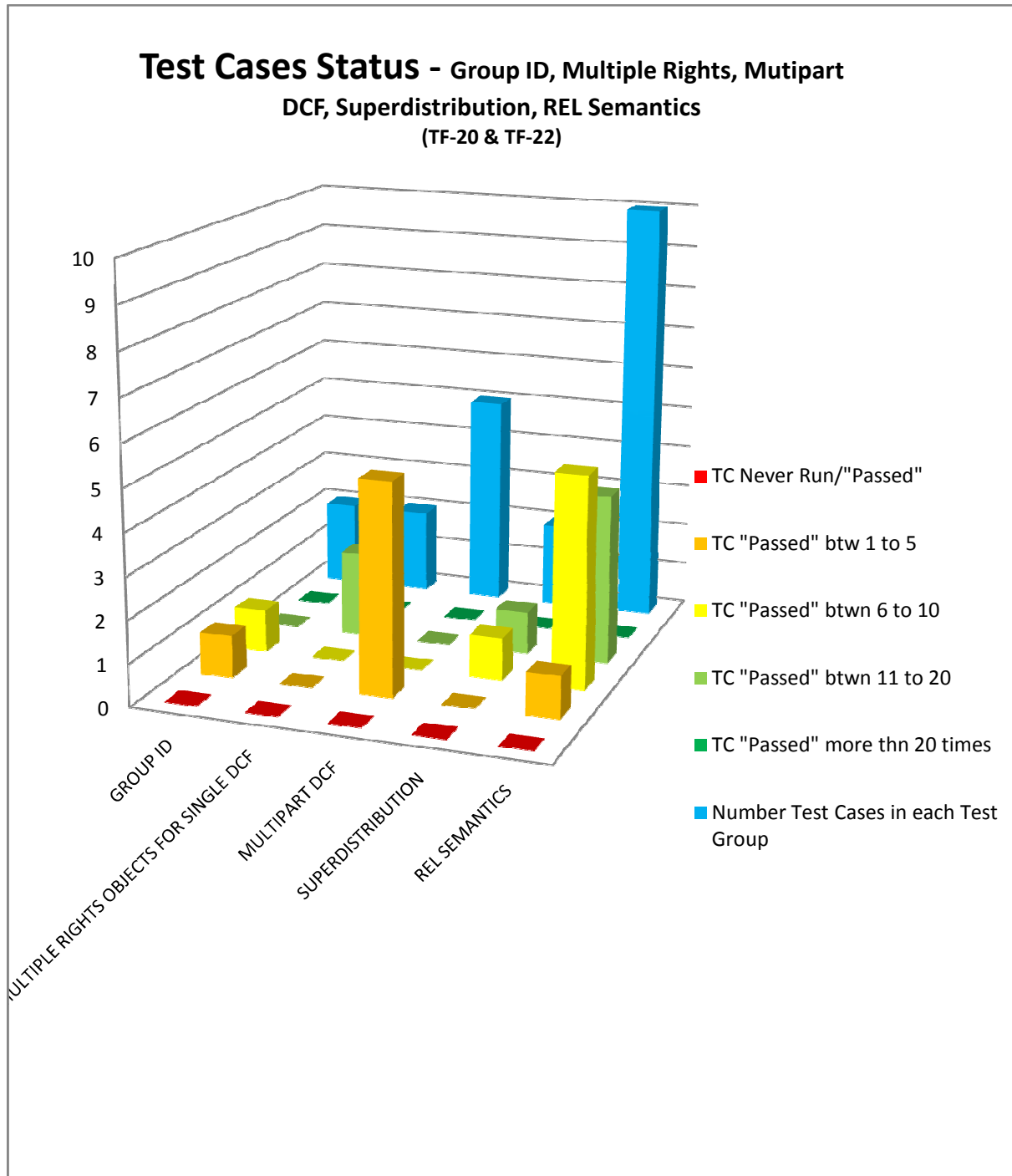
RO UPLOAD

DEVICE RIGHTS OBJECT INCLUDED IN DCF



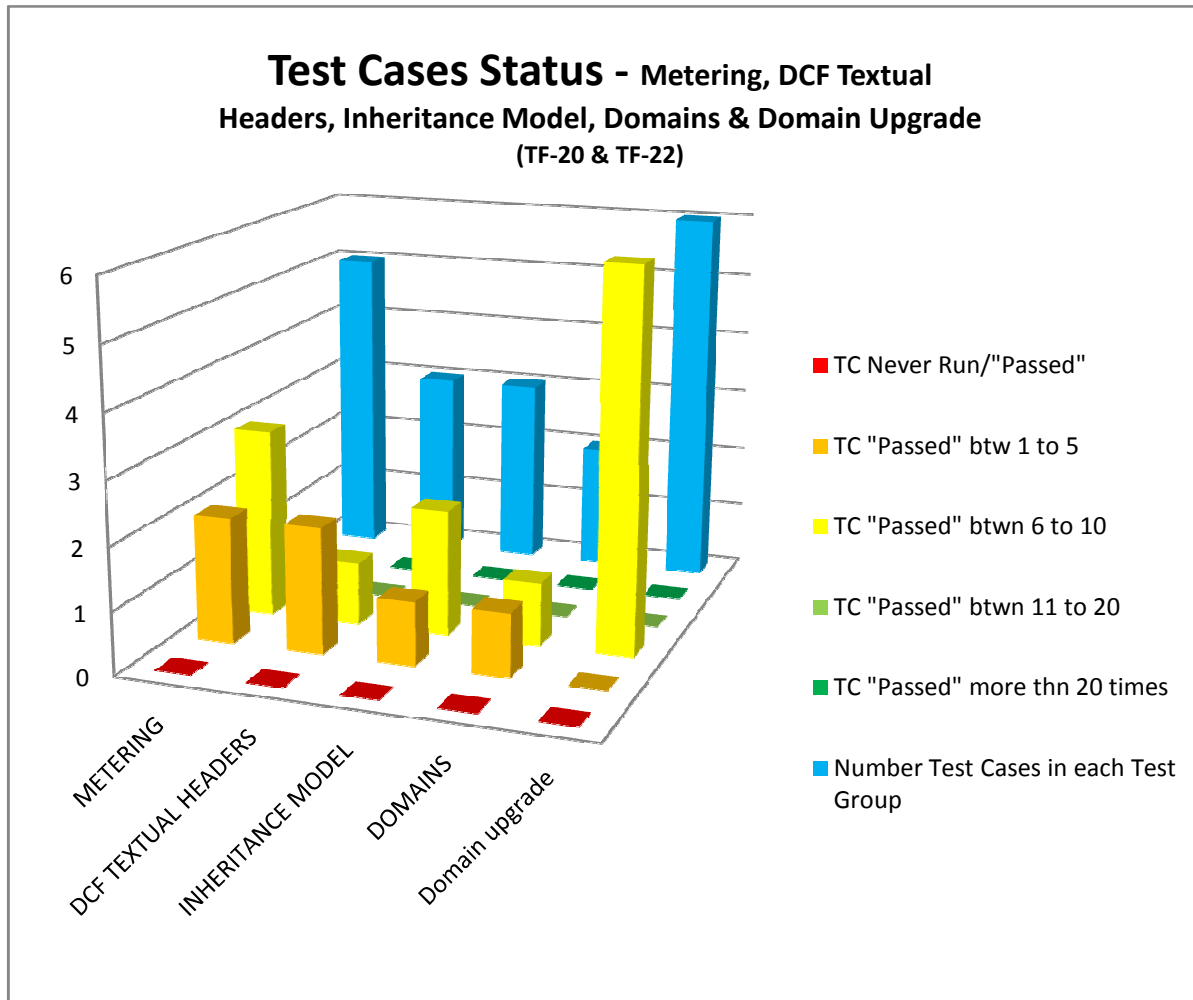
Same analysis for:

GROUP ID
 MULTIPLE RIGHTS OBJECTS FOR SINGLE DCF
 MULTIPART DCF
 SUPERDISTRIBUTION
 REL SEMANTICS



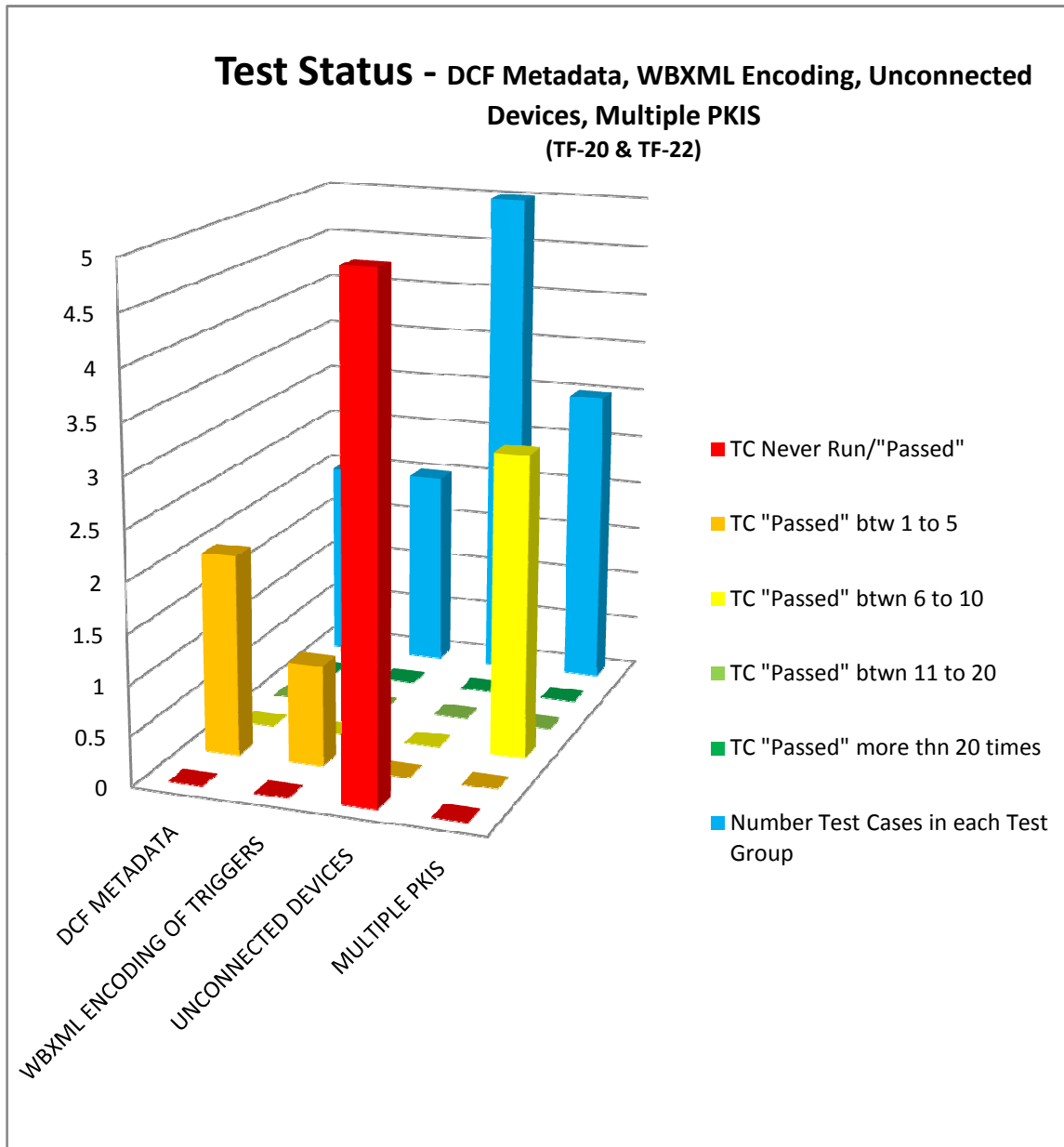
Same analysis for:

METERING
DCF TEXTUAL HEADERS
INHERITANCE MODEL
DOMAINS
Domain upgrade



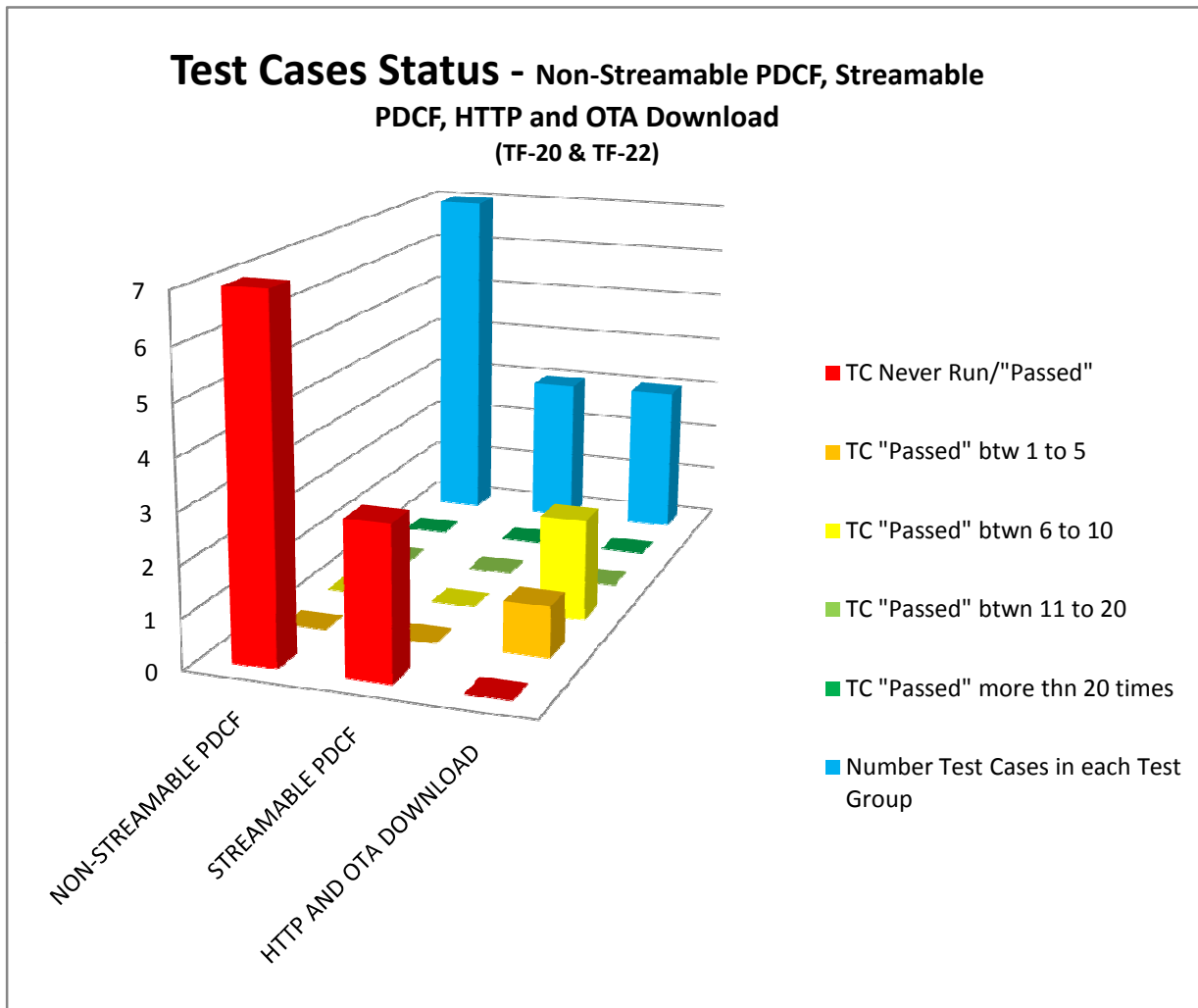
Same analysis for:

DCF METADATA
WBXML ENCODING OF TRIGGERS
UNCONNECTED DEVICES
MULTIPLE PKIS



Same analysis for:

NON-STREAMABLE PDCF
STREAMABLE PDCF
HTTP AND OTA DOWNLOAD



DRM v2.1 Issues Raised during TF-22

Suggestion	Comment
Naming of Test Cases	There was a suggestion about having the same Test Cases number in common Test Cases (DRM v2.0 & DRM v2.1).

Cumulative Results

	Acumulative TF-20 & TF-22					TestFest-22					TestFest-20				
	Total Passed	Total Failed	Total OT	Total Incon	Total NA	TF-22 Passed	Failed	OT	Incon	NA	TF-20 Passed	Failed	OT	Incon	NA
Backwards Compatibility															
DRM-2.1-int-001 - Forward Lock	12	0	0	0	0	4	0	0	0	0	8	0	0	0	0
DRM-2.1-int-002 - Combined Delivery	12	0	0	0	0	4	0	0	0	0	8	0	0	0	0
DRM-2.1-int-003 - Separate Delivery	6	0	0	0	6	1	0	0	0	3	5	0	0	0	3
DRM-2.1-int-004 - DRM 2.0 Registration and RO Acquisition	20	0	4	0	0	8	0	0	0	0	12	0	4	0	0
DRM-2.1-int-005 - DRM 2.0 Join Domain and RO Acquisition	19	0	3	0	2	8	0	0	0	0	11	0	3	0	2
DRM-2.1-int-006 - Domain RO Superdistribution	20	4	2	0	6	8	4	0	0	0	12	0	2	0	6
DRM-2.1-int-007 - DRM 2.0 Leave Domain	19	0	3	0	2	8	0	0	0		11	0	3	0	2
DRM-2.1-int-008 - Registration and RO Acquisition	12	0	0	0	0	4	0	0	0	0	8	0	0	0	0
DRM-2.1-int-009 - Registration with existing RI Context	12	0	0	0	0	4	0	0	0	0	8	0	0	0	0
DRM-2.1-int-010 - RO Acquisition without existing RI Context	12	0	0	0	0	4	0	0	0	0	8	0	0	0	0
DRM-2.1-int-011 - 1-pass RO Acquisition with existing RI Context.	7	0	0	0	5	2	0	0	0	2	5	0	0	0	3
ROAP															
DRM-2.1-int-012 - 1-pass RO Acquisition without existing RI Conte	7	0	0	0	5	2	0	0	0	2	5	0	0	0	3
DRM-2.1-int-013 - RO Acquisition with confirmation (4-pass) with	2	1	0	0	9	1	1	0	0	2	1	0	0	0	7
DRM-2.1-int-014 - RO acquisition with confirmation (3-pass) with	1	1	0	0	10	0	1	0	0	3	1	0	0	0	7
DRM-2.1-int-015 - RO Acquisition for multiple ROs	3	1	0	0	8	1	1	0	0	2	2	0	0	0	6
DRM-2.1-int-016 - Device Identification	4	0	0	0	8	1	0	0	0	3	3	0	0	0	5
DRM-2.1-int-017 - Device Time Synchronization	11	1	0	0	0	3	1	0	0	0	8	0	0	0	0
RO UPLOAD															
DRM-2.1-int-018 - RO Upload for stateless ROs	1	0	0	0	11	0	0	0	0	4	1	0	0	0	7
DRM-2.1-int-019 - RO Upload for stateful ROs	1	0	0	0	11	0	0	0	0	4	1	0	0	0	7
DRM-2.1-int-020 - RO Upload for multiple ROs	1	0	0	0	11	0	0	0	0	4	1	0	0	0	7
DRM-2.1-int-021 - Trigger initiated RO Upload	1	0	0	0	11	0	0	0	0	4	1	0	0	0	7
DEVICE RIGHTS OBJECT INCLUDED IN DCF															
DRM-2.1-int-022 - DEVICE RIGHTS OBJECT INCLUDED IN DCF	7	0	0	0	5	2	0	0	0	2	5	0	0	0	3
GROUP ID															
DRM-2.1-int-023 - Rights Object for Group ID DCFs	6	1	0	0	5	2	0	0	0	2	4	1	0	0	3

Cumulative Results

	Acumulative TF-20 & TF-22					TestFest-22					TestFest-20				
DRM-2.1-int-024 - Individual Rights Object for Group ID DCF	4	3	0	0	5	1	1	0	0	2	3	2	0	0	3
MULTIPLE RIGHTS OBJECTS FOR SINGLE DCF	Total Passed	Total Failed	Total OT	Total Incon	Total NA	TF-22 Passed	Failed	OT	Incon	NA	TF-20 Passed	Failed	OT	Incon	NA
DRM-2.1-int-025 - Multiple ROs with satisfied constraints	12	0	0	0	0	4	0	0	0	0	8	0	0	0	0
DRM-2.1-int-026 - Multiple ROs with satisfied and unsatisfied constraints	12	0	0	0	0	4	0	0	0	0	8	0	0	0	0
MULTIPART DCF	Total Passed	Total Failed	Total OT	Total Incon	Total NA	TF-22 Passed	Failed	OT	Incon	NA	TF-20 Passed	Failed	OT	Incon	NA
DRM-2.1-int-027 - Single RO for Multipart DCF	2	0	0	0	10	1	0	0	0	3	1	0	0	0	7
DRM-2.1-int-028 - Multiple ROs for Multipart DCF	2	0	0	0	10	1	0	0	0	3	1	0	0	0	7
DRM-2.1-int-029 - Different group IDs in multipart DCF	2	0	0	0	10	1	0	0	0	3	1	0	0	0	7
DRM-2.1-int-030 - Referencing Multipart Objects - CID mechanism	3	0	0	0	9	0	0	0	0	4	3	0	0	0	5
DRM-2.1-int-031 - Referencing Multipart Objects - Content Location	1	0	0	0	11	1	0	0	0	3	0	0	0	0	8
SUPERDISTRIBUTION	Total Passed	Total Failed	Total OT	Total Incon	Total NA	TF-22 Passed	Failed	OT	Incon	NA	TF-20 Passed	Failed	OT	Incon	NA
DRM-2.1-int-032 - DCF-initiated RO Acquisition	11	0	1	0	0	4	0	0	0	0	7	0	1	0	0
DRM-2.1-int-033 - RO acquisition with TransactionID	6	0	1	0	5	2	0	0	0	2	4	0	1	0	3
REL SEMANTICS	Total Passed	Total Failed	Total OT	Total Incon	Total NA	TF-22 Passed	Failed	OT	Incon	NA	TF-20 Passed	Failed	OT	Incon	NA
DRM-2.1-int-034 - Count constraint	12	0	0	0	0	4	0	0	0	0	8	0	0	0	0
DRM-2.1-int-035 - Timed-Count constraint	7	0	0	0	5	2	0	0	0	2	5	0	0	0	3
DRM-2.1-int-036 - Datetime constraint	12	0	0	0	0	4	0	0	0	0	8	0	0	0	0
DRM-2.1-int-037 - Interval constraint	12	0	0	0	0	4	0	0	0	0	8	0	0	0	0
DRM-2.1-int-038 - Accumulated constraint	12	0	0	0	0	4	0	0	0	0	8	0	0	0	0
DRM-2.1-int-039 - Individual constraint	7	0	0	0	5	2	0	0	0	2	5	0	0	0	3
DRM-2.1-int-040 - System constraint	6	0	0	0	6	2	0	0	0	2	4	0	0	0	4
DRM-2.1-int-041 - Multiple constraints	7	0	0	0	5	2	0	0	0	2	5	0	0	0	3
DRM-2.1-int-042 - Top-level constraints	7	0	0	0	5	2	0	0	0	2	5	0	0	0	3
DRM-2.1-int-043 - Expression Linking	2	0	0	0	10	1	0	0	0	3	1	0	0	0	7
METERING	Total Passed	Total Failed	Total OT	Total Incon	Total NA	TF-22 Passed	Failed	OT	Incon	NA	TF-20 Passed	Failed	OT	Incon	NA
DRM-2.1-int-044 - Metering Reporting for a single DCF	8	4	0	0	0	3	1	0	0	0	5	3	0	0	0
DRM-2.1-int-045 - REL <tracked> contentAccessGranted attribute	4	3	0	0	5	1	1	0	0	2	3	2	0	0	3

Cumulative Results

	Acumulative TF-20 & TF-22					TestFest-22					TestFest-20				
DRM-2.1-int-046 - REL <tracked> timed attribute	7	5	0	0	0	2	2	0	0	0	5	3	0	0	0
DRM-2.1-int-047 - Metering Report initiated via onExpiredURL	1	4	1	0	6	0	0	1	0	3	1	4	0	0	3
DRM-2.1-int-048 - Metering enabled via a Parent Rights Object	7	4	1	0	0	2	1	1	0	0	5	3	0	0	0
DCF TEXTUAL HEADERS	Total Passed	Total Failed	Total OT	Total Incon	Total NA	TF-22 Passed	Failed	OT	Incon	NA	TF-20 Passed	Failed	OT	Incon	NA
DRM-2.1-int-049 - Preview Header - Not in the Domain Name Whi	5	0	4	0	3	1	0	3	0	0	4	0	1	0	3
DRM-2.1-int-050 - Preview Header - In the Domain Name Whitelis	5	0	4	0	3	1	0	3	0	0	4	0	1	0	3
DRM-2.1-int-051 - Silent Header - In the Domain Name Whitelist	7	1	4	0	0	1	0	3	0	0	6	1	1	0	0
INHERITANCE MODEL	Total Passed	Total Failed	Total OT	Total Incon	Total NA	TF-22 Passed	Failed	OT	Incon	NA	TF-20 Passed	Failed	OT	Incon	NA
DRM-2.1-int-052 - Inheritance with Stateful Rights	9	1	2	0	0	2	0	2	0	0	7	1	0	0	0
DRM-2.1-int-053 - Multiple Parent Rights Objects	9	1	2	0	0	2	0	2	0	0	7	1	0	0	0
DRM-2.1-int-054 - Parent RO with a group child RO	4	2	1	0	5	1	0	1	0	2	3	2	0	0	3
DOMAINS	Total Passed	Total Failed	Total OT	Total Incon	Total NA	TF-22 Passed	Failed	OT	Incon	NA	TF-20 Passed	Failed	OT	Incon	NA
DRM-2.1-int-055 - Domain join without existing RI Context	9	1	2	0	0	2	0	2	0	0	7	1	0	0	0
DRM-2.1-int-056 - Domain No Consume After	1	0	1	0	10	0	0	1	0	3	1	0	0	0	7
Domain upgrade	Total Passed	Total Failed	Total OT	Total Incon	Total NA	TF-22 Passed	Failed	OT	Incon	NA	TF-20 Passed	Failed	OT	Incon	NA
DRM-2.1-int-057 - New Domain RO delivered before domain upgr	9	0	2	0	1	2	0	2	0	0	7	0	0	0	1
DRM-2.1-int-058 - Domain join with existing Domain Context	8	1	2	0	1	1	1	2	0	0	7	0	0	0	1
DRM-2.1-int-059 - Domain RO Acquisition with existing RI Context	9	1	2	0	0	2	0	2	0	0	7	1	0	0	0
DRM-2.1-int-060 - Domain RO in a DCF	10	0	2	0	0	2	0	2	0	0	8	0	0	0	0
DRM-2.1-int-061 - Sharing a DCF containing a RO between devices	9	0	1	0	2	2	0	1	0	1	7	0	0	0	1
DRM-2.1-int-062 - Domain leave with valid RI Context	10	0	2	0	0	2	0	2	0	0	8	0	0	0	0

Cumulative Results

	Acumulative TF-20 & TF-22					TestFest-22					TestFest-20				
	Total Passed	Total Failed	Total OT	Total Incon	Total NA	TF-22 Passed	Failed	OT	Incon	NA	TF-20 Passed	Failed	OT	Incon	NA
DCF METADATA															
DRM-2.1-int-063 - 3GPP User Data	4	0	2	0	6	0	0	2	0	2	4	0	0	0	4
DRM-2.1-int-064 - User Editable Meta Data	3	0	0	0	9	0	0	0	0	4	3	0	0	0	5
WBXML ENCODING OF TRIGGERS															
DRM-2.1-int-065 - RO Acquisition Trigger	4	2	2	1	3	0	1	2	1	0	4	1	0	0	3
DRM-2.1-int-066 - Leave Domain Trigger	1	3	2	1	5	0	1	2	1	0	1	2	0	0	5
UNCONNECTED DEVICES															
DRM-2.1-int-067 - Device registration and domain establishment	0	0	0	0	12	0	0	0	0	4	0	0	0	0	8
DRM-2.1-int-068 - RO Acquisition with existing RI Context.	0	0	0	0	12	0	0	0	0	4	0	0	0	0	8
DRM-2.1-int-069 - Leaving Domain	0	0	0	0	12	0	0	0	0	4	0	0	0	0	8
DRM-2.1-int-070 - RO Acquisition without existing RI Context	0	0	0	0	12	0	0	0	0	4	0	0	0	0	8
DRM-2.1-int-071 - DRM Agent without DRM Time	0	0	0	0	12	0	0	0	0	4	0	0	0	0	8
MULTIPLE PKIS															
DRM-2.1-int-072 - Device with two certificates	10	0	2	0	0	2	0	2	0	0	8	0	0	0	0
DRM-2.1-int-073 - RI with two certificates	8	0	2	0	2	2	0	2	0	0	6	0	0	0	2
DRM-2.1-int-074 - Certificate chains from different trust models	7	0	2	0	3	2	0	2	0	0	5	0	0	0	3
NON-STREAMABLE PDCF															
DRM-2.1-int-075 - One-track PDCF with NULL encryption	0	0	0	0	12	0	0	0	0	4	0	0	0	0	8
DRM-2.1-int-076 - One-track encrypted PDCF	0	0	0	0	12	0	0	0	0	4	0	0	0	0	8
DRM-2.1-int-077 - Multi-track encrypted PDCF	0	0	0	0	12	0	0	0	0	4	0	0	0	0	8
DRM-2.1-int-078 - PDCF Superdistribution (Transaction Tracking)	0	0	0	0	12	0	0	0	0	4	0	0	0	0	8
DRM-2.1-int-079 - Multi-track PDCF with rights for only one track	0	0	0	0	12	0	0	0	0	4	0	0	0	0	8
DRM-2.1-int-080 - Group RO for PDCF	0	0	0	0	12	0	0	0	0	4	0	0	0	0	8
DRM-2.1-int-081 - Domain RO in the PDCF	0	0	0	0	12	0	0	0	0	4	0	0	0	0	8

Cumulative Results

	Acumulative TF-20 & TF-22					TestFest-22					TestFest-20				
	Total Passed	Total Failed	Total OT	Total Incon	Total NA	TF-22 Passed	Failed	OT	Incon	NA	TF-20 Passed	Failed	OT	Incon	NA
STREAMABLE PDCF															
DRM-2.1-int-082 - One-track Streaming PDCF	0	0	0	0	12	0	0	0	0	4	0	0	0	0	8
DRM-2.1-int-083 - SDP initiated RO acquisition	0	0	0	0	12	0	0	0	0	4	0	0	0	0	8
DRM-2.1-int-084 - Multi-track PDCF	0	0	0	0	12	0	0	0	0	4	0	0	0	0	8
HTTP AND OTA DOWNLOAD															
DRM-2.1-int-085 - Multipart/related delivery of DCF and ROAP Tri	4	1	2	0	5	2	0	2	0	0	2	1	0	0	5
DRM-2.1-int-086 - OTA Download Separate Delivery Method	9	1	2	0	0	2	0	2	0	0	7	1	0	0	0
DRM-2.1-int-087 - OTA Download Combined Delivery method	10	0	2	0	0	2	0	2	0	0	8	0	0	0	0

List of DRM v2.1 Test Cases

Backwards Compatibility	DRM-2.1-int-001 - Forward Lock	To test “Forward Lock” DRM 1.0 functionality.
	DRM-2.1-int-002 - Combined Delivery	To test DRM 1.0 “Combined Delivery” functionality.
	DRM-2.1-int-003 - Separate Delivery	To test DRM 1.0 “Separate Delivery” functionality in case the DCF file indicates that the server intends to push the rights object separately.
	DRM-2.1-int-004 - DRM 2.0 Registration and RO Acquisition	To test that a DRM 2.0 Agent can register, acquire rights and consume content from a DRM 2.1 Rights Issuer. Also to test that a DRM 2.1 Agent can register, acquire rights and consume content from a DRM 2.0 Rights Issuer.
	DRM-2.1-int-005 - DRM 2.0 Join Domain and RO Acquisition	To test that a DRM 2.0 Agent can join a domain, acquire domain rights and consume a DCF from a DRM 2.1 Rights Issuer. Also to test that a DRM 2.1 Agent can join a domain, acquire rights and consume a DCF from a DRM 2.0 Rights Issuer.
	DRM-2.1-int-006 - Domain RO Superdistribution	To test that a DRM 2.0 Domain Rights Object can be superdistributed and used between a DRM 2.0 and DRM 2.1 DRM Agent. Similiary to test that a DRM 2.1 Domain Rights Object can be superdistributed between a DRM 2.0 and DRM 2.1 Agent.
	DRM-2.1-int-007 - DRM 2.0 Leave Domain	To test that a DRM 2.0 Agent can leave a domain from a DRM 2.1 Rights Issuer. Also to test that a DRM 2.1 Agent can leave a domain from a DRM 2.0 Rights Issuer.
	DRM-2.1-int-008 - Registration and RO Acquisition	Test the 4-pass ROAP Registration protocol. The DRM Agent will register with the RI and then complete 2-pass RO Acquisition to prove that the registration was processed successfully.
	DRM-2.1-int-009 - Registration with existing RI Context	Test the 4-pass Registration protocol when there is already an RI Context stored on the device, and a device context stored on the RI. RO Acquisition is used to prove that the re-registration is succesfull.
	DRM-2.1-int-010 - RO Acquisition without existing RI Context	RO Acquisition without existing RI Context
	DRM-2.1-int-011 - 1-pass RO Acquisition with existing RI Context.	1-pass RO Acquisition with existing RI Context.
ROAP	DRM-2.1-int-012 - 1-pass RO Acquisition without existing RI Context.	1-pass RO Acquisition without existing RI Context.
	DRM-2.1-int-013 - RO Acquisition with confirmation (4-pass) with existing RI context	Test the 4-pass confirmed ROAP RO acquisition protocol. The DRM Agent will receive an RO from the RI via the 2-pass protocol and then confirm receipt of the RO using an additional 2 steps.
	DRM-2.1-int-014 - RO acquisition with confirmation (3-pass) with existing RI context	Test the 4-pass confirmed ROAP RO acquisition protocol. The DRM Agent will receive an RO from the RI via the 2-pass protocol and then confirm receipt of the RO using an additional 2 steps.
	DRM-2.1-int-015 - RO Acquisition for multiple ROs	To test RO Acquisition in the case that the ROAP Trigger refers to multiple Rights Objects.
	DRM-2.1-int-016 - Device Identification	To test the 2-pass Device Identification protocol

	DRM-2.1-int-017 - Device Time Synchronization	Server-initiated Device Time Synchronization
RO UPLOAD	DRM-2.1-int-018 - RO Upload for stateless ROs	To test that a DRM Agent can correctly upload a stateless RO to an RI by a device initiated 2-pass RO Upload protocol and that the RI can correctly re-issue such RO to another device belonging to the same user.
	DRM-2.1-int-019 - RO Upload for stateful ROs	To test that a DRM Agent can correctly upload a stateful RO (including current State Information) to an RI by a device initiated 2-pass RO Upload protocol and that the RI can correctly re-issue such RO (including current State Information) to another device belonging to the same user. The test uses an RO with multiple permissions and multiple assets to test the correct association of constraints and their state information during upload and re-issue.
	DRM-2.1-int-020 - RO Upload for multiple ROs	To test that a DRM Agent can correctly upload multiple ROs (stateful and stateless) to an RI by a device initiated 2-pass RO Upload protocol and that the RI can correctly re-issue such ROs and corresponding State Information to another device belonging to the same user.
	DRM-2.1-int-021 - Trigger initiated RO Upload	To test that an RI can issue an roUpload Trigger and that the DRM Agent can initiate the 2-pass RO Upload protocol in accordance with the trigger. The DRM Agent should upload all valid ROs to the RI.
DEVICE RIGHTS OBJECT INCLUDED IN DCF	DRM-2.1-int-022 - DEVICE RIGHTS OBJECT INCLUDED IN DCF	To test a situation where an RO is included in the DCF.
GROUP ID	DRM-2.1-int-023 - Rights Object for Group ID DCFs	To test behaviour in the presence of a group RO for multiple DCFs, using the Group ID mechanism.
	DRM-2.1-int-024 - Individual Rights Object for Group ID DCF	To test behaviour in the presence of an individual RO for a content item which has a Group ID.
MULTIPLE RIGHTS OBJECTS FOR SINGLE DCF	DRM-2.1-int-025 - Multiple ROs with satisfied constraints	To test behaviour in the presence of several rights objects for one piece of content.
	DRM-2.1-int-026 - Multiple ROs with satisfied and unsatisfied constraints	To test behaviour in the presence of several rights objects for one piece of content.
MULTIPART DCF	DRM-2.1-int-027 - Single RO for Multipart DCF	To test DRM Agent's capability to process Multipart DCFs from the RI.
	DRM-2.1-int-028 - Multiple ROs for Multipart DCF	To test behaviour in the presence of multiple ROs for a multipart DCF.
	DRM-2.1-int-029 - Different group IDs in multipart DCF	To test behaviour when different content items in a multipart DCF are associated with different groups
	DRM-2.1-int-030 - Referencing Multipart Objects - CID mechanism	To test the CID referencing mechanism when referencing multipart objects. The DCF user data CoverURI or LyricsURI are used as a reference point for the test.

	DRM-2.1-int-031 - Referencing Multipart Objects - Content Location mechanism	To test the Content Location referencing mechanism when referencing multiple objects in a multipart DCF. The DCF preview-header with a method of "instant" is used as a reference point for this test.
SUPER-DISTRIBUTION	DRM-2.1-int-032 - DCF-initiated RO Acquisition	To test "Superdistribution" functionality. The protected content is sent from one DRM Agent to another. The rights object is obtained by ROAP session to the rights issuing service.
	DRM-2.1-int-033 - RO acquisition with TransactionID	To test the TransactionID mechanism in connection with Superdistribution.
REL SEMANTICS	DRM-2.1-int-034 - Count constraint	To test <count> constraint for a DCF.
	DRM-2.1-int-035 - Timed-Count constraint	To test <timed-count> constraint for a DCF.
	DRM-2.1-int-036 - Datetime constraint	To test <datetime> constraint for a DCF.
	DRM-2.1-int-037 - Interval constraint	To test <interval> constraint for a DCF.
	DRM-2.1-int-038 - Accumulated constraint	To test <accumulated> constraint for a DCF.
	DRM-2.1-int-039 - Individual constraint	To test <individual> constraint for a DCF.
	DRM-2.1-int-040 - System constraint	To test <system> constraint for a DCF.
	DRM-2.1-int-041 - Multiple constraints	To test the effect of having multiple constraints.
	DRM-2.1-int-042 - Top-level constraints	To test the REL Permission Model in the case that the rights include a stateful top level constraint.
	DRM-2.1-int-043 - Expression Linking	To test the REL Expression Linking method.
METERING	DRM-2.1-int-044 - Metering Reporting for a single DCF	To test the REL <tracked> element and the 2-pass Metering Report protocol.
	DRM-2.1-int-045 - REL <tracked> contentAccessGranted attribute	To test the REL <tracked> contentAccessGranted attribute.
	DRM-2.1-int-046 - REL <tracked> timed attribute	To test the REL <tracked> timed attribute.
	DRM-2.1-int-047 - Metering Report initiated via onExpiredURL	To test the REL <permission>s onExpiredURL's usage to initiate sending of a Metering Report.
	DRM-2.1-int-048 - Metering enabled via a Parent Rights Object	To test that the RI can issue Parent Rights with <tracked> requirement; and that the DRM agent can accurately record metering information for the relevant metered content – as referenced by the child ROs.
DCF TEXTUAL HEADERS	DRM-2.1-int-049 - Preview Header - Not in the Domain Name Whitelist	Initiate ROAP from DCF Preview Header with existing RI Context & domain name NOT in Domain Name Whitelist.

	DRM-2.1-int-050 - Preview Header - In the Domain Name Whitelist	Initiate ROAP from DCF Preview Header with existing RI Context & domain name in the Domain Name Whitelist.
	DRM-2.1-int-051 - Silent Header - In the Domain Name Whitelist	Initiate ROAP from DCF Silent Header with existing RI Context and domain name is in the Domain Name Whitelist.
INHERITANCE MODEL	DRM-2.1-int-052 - Inheritance with Stateful Rights	To test inheritance model when stateful constraints are involved.
	DRM-2.1-int-053 - Multiple Parent Rights Objects	To test a case where the Parent Rights Object
	DRM-2.1-int-054 - Parent RO with a group child RO	To test inheritance model when a child RO is a group RO
DOMAINS	DRM-2.1-int-055 - Domain join without existing RI Context	Trigger-initiated domain join without existing RI Context
	DRM-2.1-int-056 - Domain No Consume After	To test that the RI correctly specifies the Domain noConsumeAfter attribute in a JoinDomainResponse; and that the DRM Agent correctly enforces that Domain ROs are not consumable after the noConsumeAfter date.
Domain upgrade	DRM-2.1-int-057 - New Domain RO delivered before domain upgrade	Automatically-initiated domain upgrade with valid RI Context and existing Domain Context for this RI A Domain RO is delivered before the DRM Agent has upgraded the domain.
	DRM-2.1-int-058 - Domain join with existing Domain Context	Trigger-initiated domain join with valid RI Context and existing Domain Context for this RI RI-initiated domain generation upgrade
	DRM-2.1-int-059 - Domain RO Acquisition with existing RI Context	Domain RO Acquisition with existing RI Context.
	DRM-2.1-int-060 - Domain RO in a DCF	To test delivering the Domain RO inside a DCF.
	DRM-2.1-int-061 - Sharing a DCF containing a RO between devices in the same domain	To test if different devices related with the same domain are able to share DCFs.
	DRM-2.1-int-062 - Domain leave with valid RI Context	Device leaves a domain after receiving a LeaveDomain trigger.
DCF METADATA	DRM-2.1-int-063 - 3GPP User Data	To test that the content packaging server can insert User-Data such as title, author, etc into a DCF and that the DRM Agent can read that meta data.
	DRM-2.1-int-064 - User Editable Meta Data	To test that a content packaging server can add a User-Data box within the Mutable DRM Information box of a DCF and that the DRM Agent can read that meta data, update it and display it in-place of the meta data in the DCF discrete media headers.
WBXML ENCODING OF TRIGGERS	DRM-2.1-int-065 - RO Acquisition Trigger	To test the WBXML encoding of the RO Acquisition Trigger and delivery via WAP Push

	DRM-2.1-int-066 - Leave Domain Trigger	To test the WBXML encoding of the Leave Domain Trigger
UNCONNECTED DEVICES	DRM-2.1-int-067 - Device registration and domain establishment	Device registration and domain establishment for Unconnected Device.
	DRM-2.1-int-068 - RO Acquisition with existing RI Context.	RO Acquisition with existing RI Context.
	DRM-2.1-int-069 - Leaving Domain	Unconnected Device leaving domain.
	DRM-2.1-int-070 - RO Acquisition without existing RI Context	RO Acquisition without existing RI Context
	DRM-2.1-int-071 - DRM Agent without DRM Time	To test Datetime constraints with an unconnected device that does not have a time source (i.e. a situation where the constraint is not understood and cannot be enforced).
MULTIPLE PKIS	DRM-2.1-int-072 - Device with two certificates	Tests the capability of the ROAP protocol to choose and communicate the correct device public key in the case that a DRM Agent has two device certificates. This may reflect a scenario where a device is a member of two PKI ecosystems.
	DRM-2.1-int-073 - RI with two certificates	Tests the capability of the ROAP protocol in the case that a Rights Issuer has two RI certificates. This may reflect a scenario where a Rights Issuer support two PKI ecosystems.
	DRM-2.1-int-074 - Certificate chains from different trust models	Tests the capability of the ROAP protocol to allow registration in the case that the RI and Device have certificates from different trust models, but do trust the "other" trust model. Essentially Device has a certificate chain from PKI_A and additionally trusts PKI_B, RI has chain from PKI_B and additionally trusts PKI_A. The RI and Device should be able to trust each other even though they have certificate chains from different trust authorities.
NON-STREAMABLE PDCF	DRM-2.1-int-075 - One-track PDCF with NULL encryption	To test packaging and rendering of a one-track null-encrypted PDCF file (e.g 3GP audio).
	DRM-2.1-int-076 - One-track encrypted PDCF	To test packaging and rendering of a one-track encrypted PDCF (e.g audio file).
	DRM-2.1-int-077 - Multi-track encrypted PDCF	To test packaging and rendering of a multi-track encrypted PDCF (e.g. video and audio 3GP file).
	DRM-2.1-int-078 - PDCF Superdistribution (Transaction Tracking)	To test PDCF superdistribution, using the Transaction Tracking mechanism.
	DRM-2.1-int-079 - Multi-track PDCF with rights for only one track	To test rendering of a multi-track encrypted PDCF where rights are only available for one of the tracks.
	DRM-2.1-int-080 - Group RO for PDCF	To test the behaviour in the presence of a group RO for a PDCF, using the GroupID mechanism.
	DRM-2.1-int-081 - Domain RO in the PDCF	To test a situation where a Domain RO is included in a PDCF.
STREAMABLE PDCF	DRM-2.1-int-082 - One-track Streaming PDCF	To test packaging, streaming and rendering of a one-track PDCF.

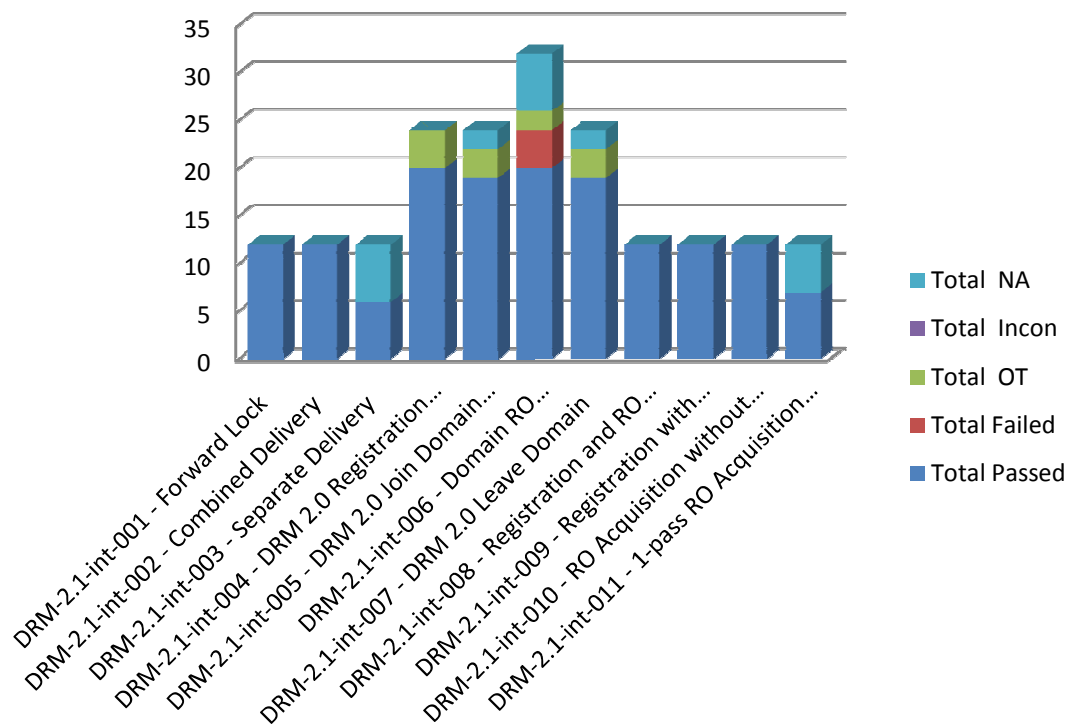
	DRM-2.1-int-083 - SDP initiated RO acquisition	To test SDP initiated Rights Object acquisition; and the subsequence packaging, streaming and rendering of a one-track PDCF (SelectiveEncryption enabled).
	DRM-2.1-int-084 - Multi-track PDCF	To test a multi-track PDCF streamable packaging and rendering, SelectiveEncryption enabled. Some packets are encrypted and others are unencrypted.
HTTP AND OTA DOWNLOAD	DRM-2.1-int-085 - Multipart/related delivery of DCF and ROAP Trigger	To test the usage of the multipart/related MIME format to deliver a DCF and a ROAP Trigger together in a single response.
	DRM-2.1-int-086 - OTA Download Separate Delivery Method	To test the usage of OMA Download OTA 1.0 co-delivery method to deliver a Download Descriptor and a ROAP Trigger in a single multipart. The download descriptor nextURL is used to deliver the content. Installation notification is confirmed
	DRM-2.1-int-087 - OTA Download Combined Delivery method	To test the processing of a ROAP response PDU contained within in a multipart/related message-body. Additionally tests the usage of OMA Download OTA 1.0 co-delivery method to deliver a Download Descriptor and a ROAP Trigger in a single multipart.

Backwards Compatibility

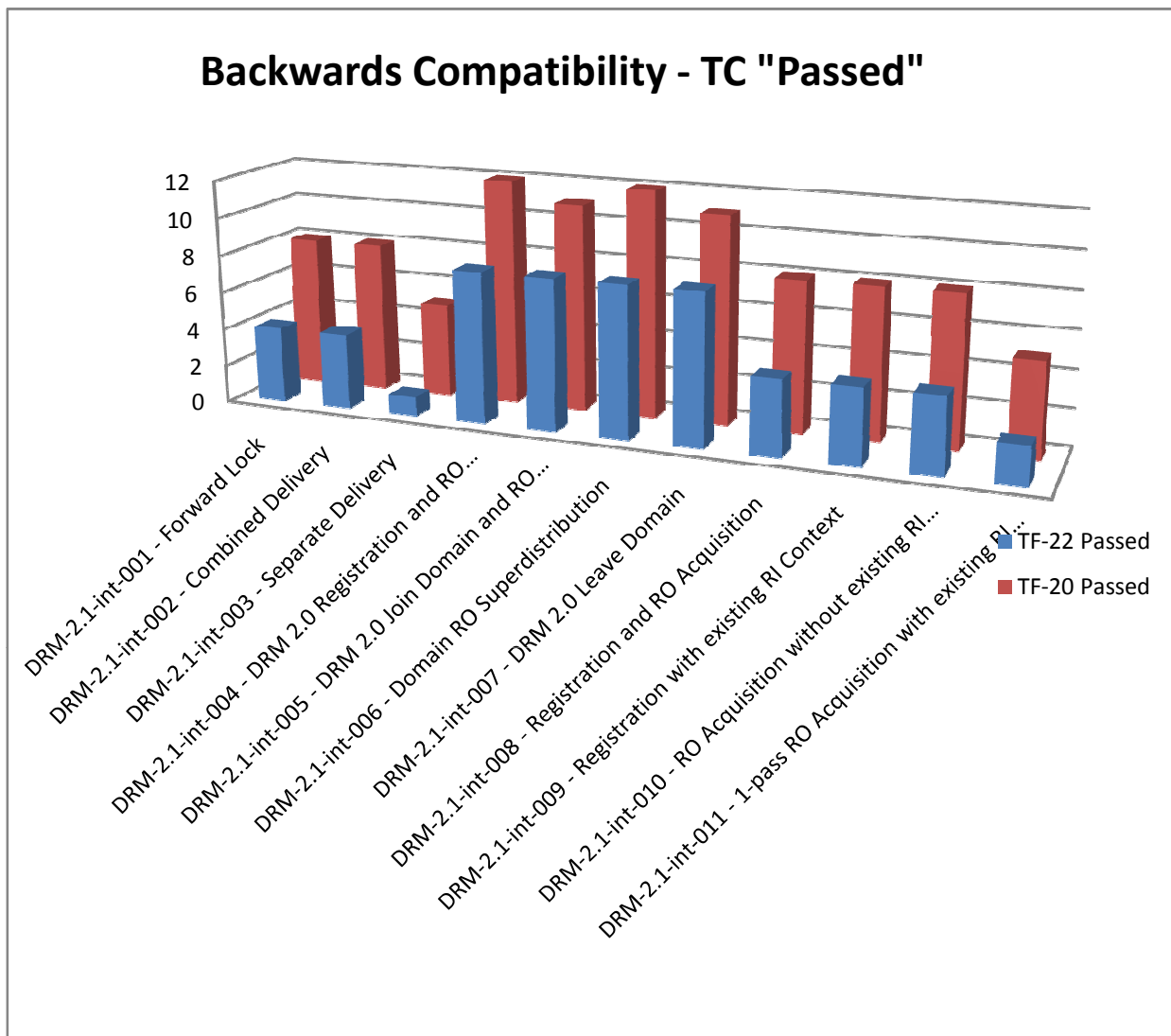
The graph indicates how many times each of the Backwards Compatibility Test Cases have been run - TF-20 & TF-22 - and marked as:

Passed
Failed
Out of Time
Inconclusive
Non Applicable

Backward Compatibility - TF-20 & TF-22



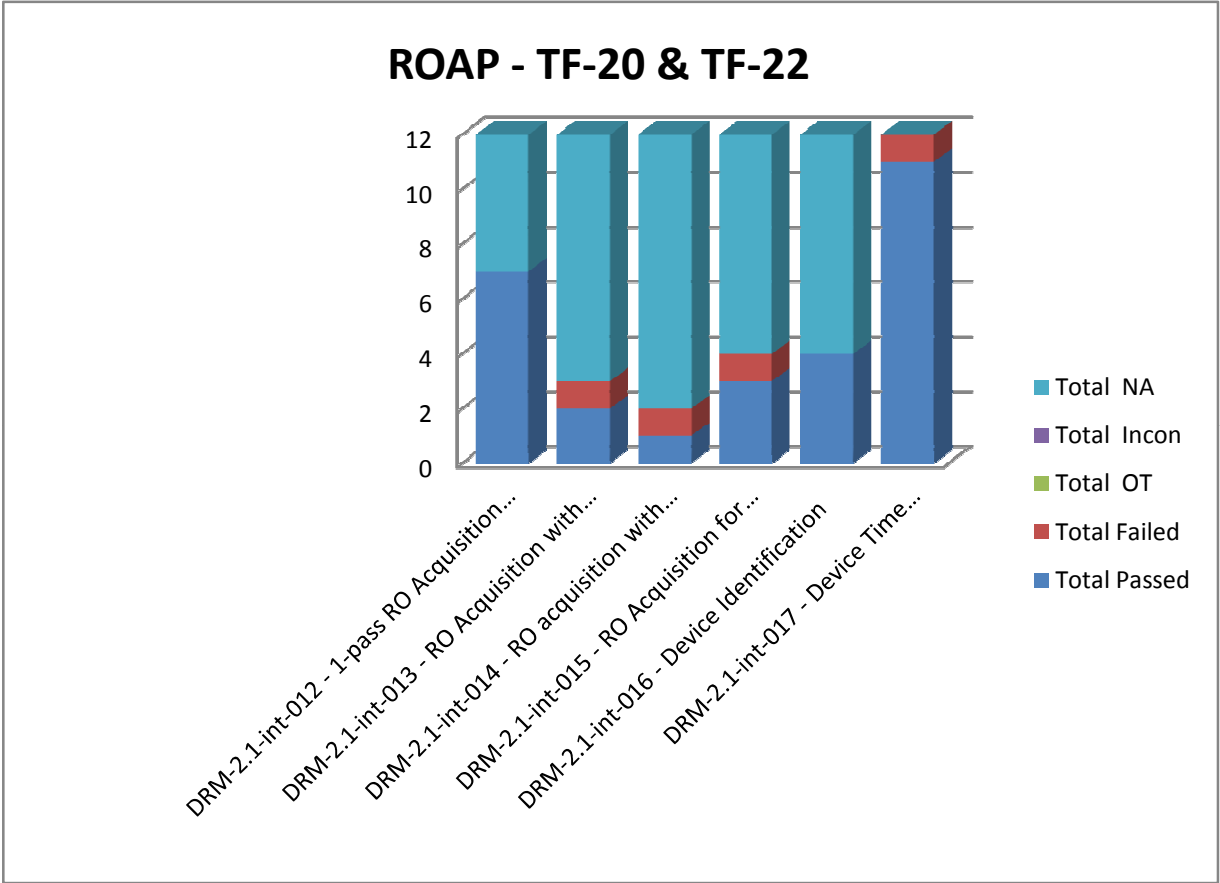
The graph indicates the number of "Passed" obtained at each TestFest



ROAP

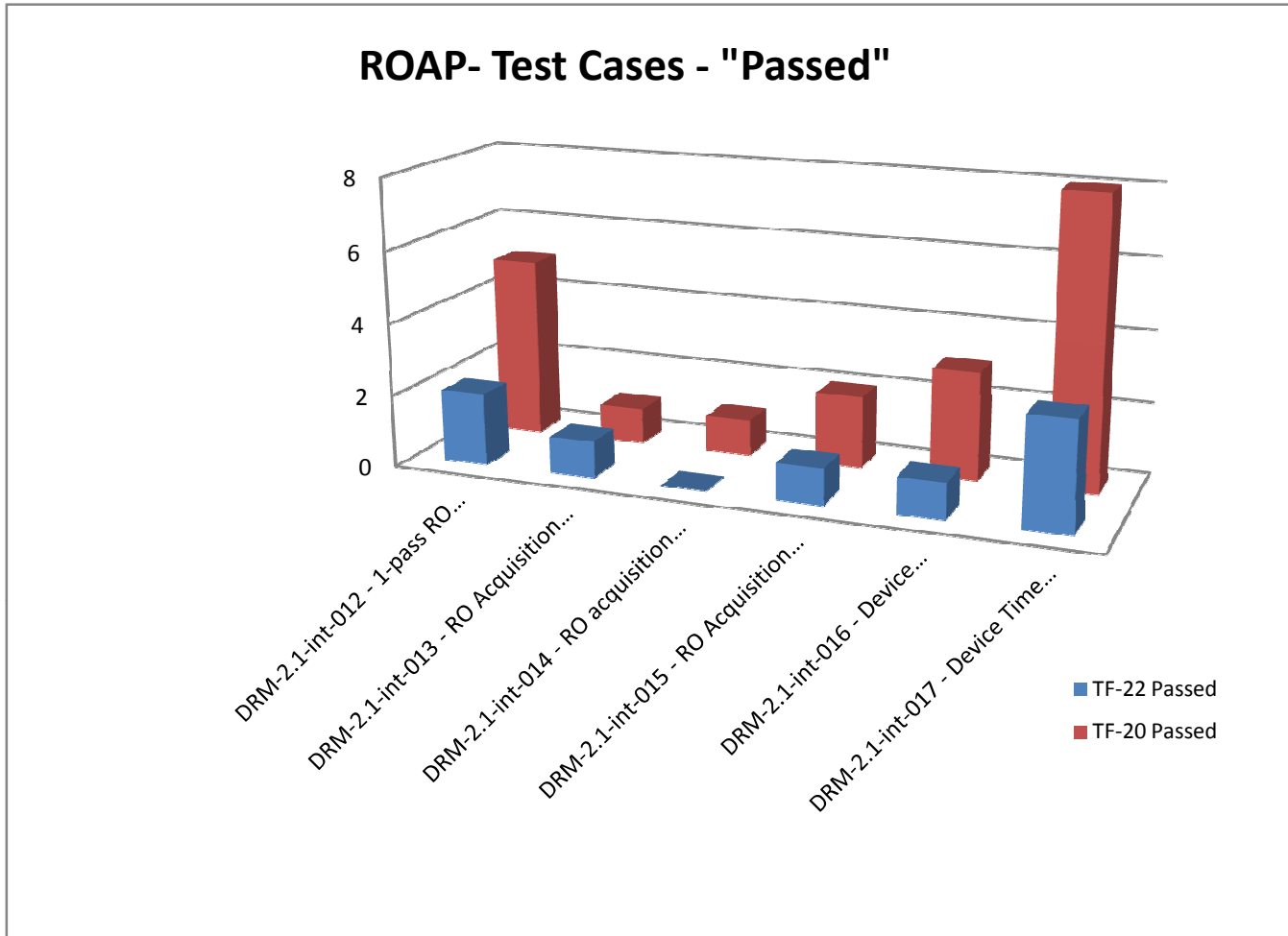
The graph indicates how many times each of the ROAP
Test Cases have been run and marked as:

- Passed
- Failed
- Out of Time
- Inconclusive
- Non Applicable



ROAP

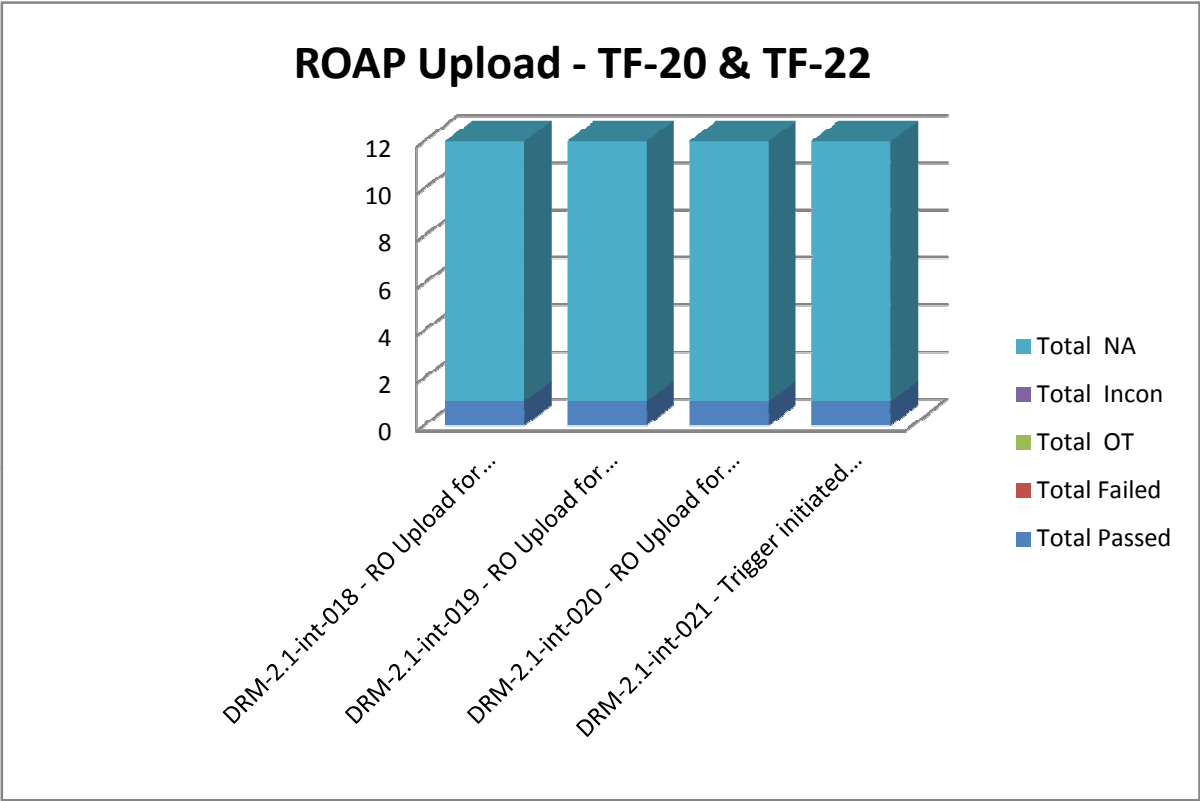
The below graph indicates the number of times each Test Case was marked as "Passed"
The information relates to each TestFest in which DRM v2.1 was tested



ROAP Upload

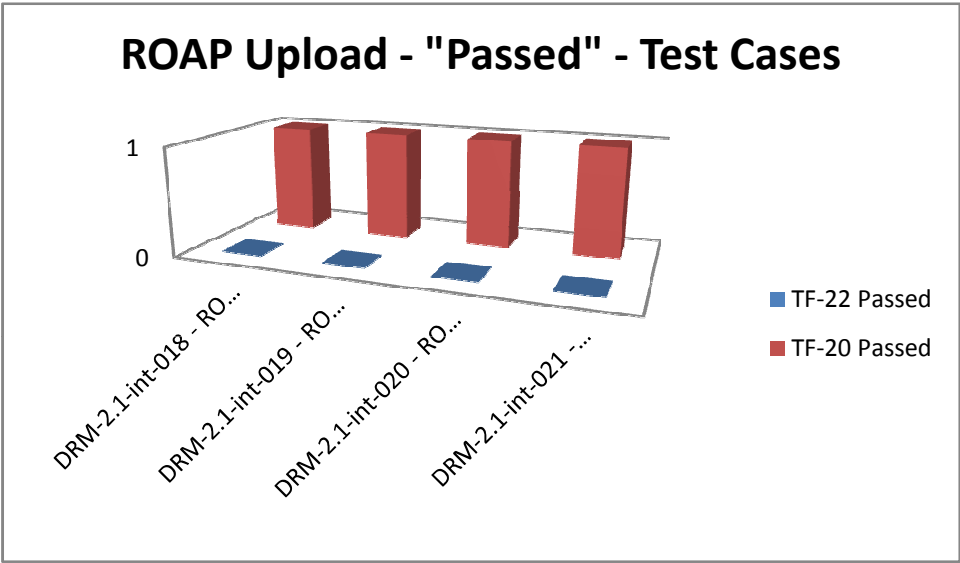
The graph indicates how many times each of the ROAP Upload
Test Cases have been run and marked as:

- Passed
- Failed
- Out of Time
- Inconclusive
- Non Applicable



ROAP Upload

The below graph indicates the number of times each Test Case was marked as "Passed"
The information relates to each TestFest in which DRM v2.1 was tested



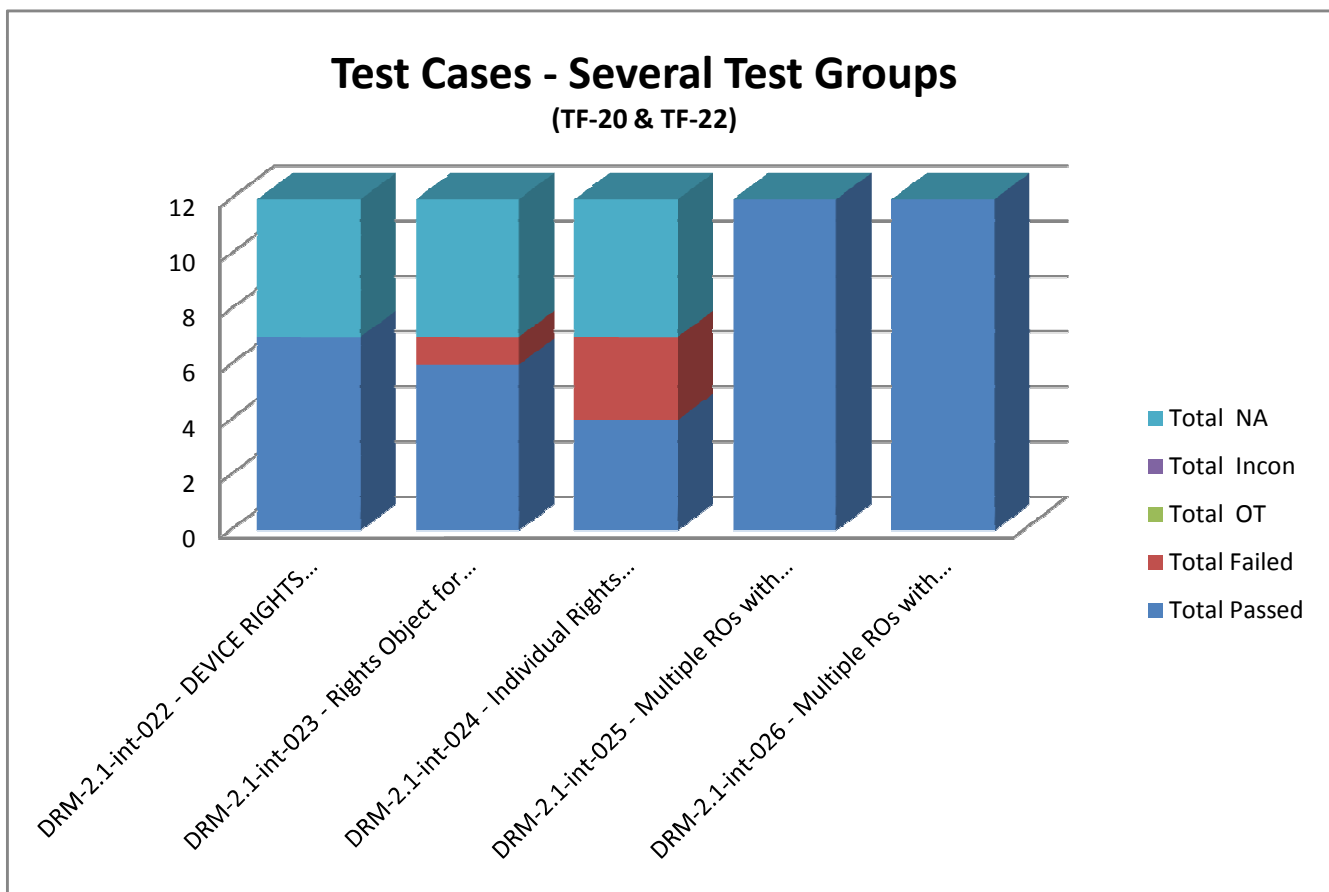
Several Test Groups

The graph indicates how many times each Test Case in each Test Group have been run and marked as:

Passed
Failed
Out of Time
Inconclusive
Non Applicable

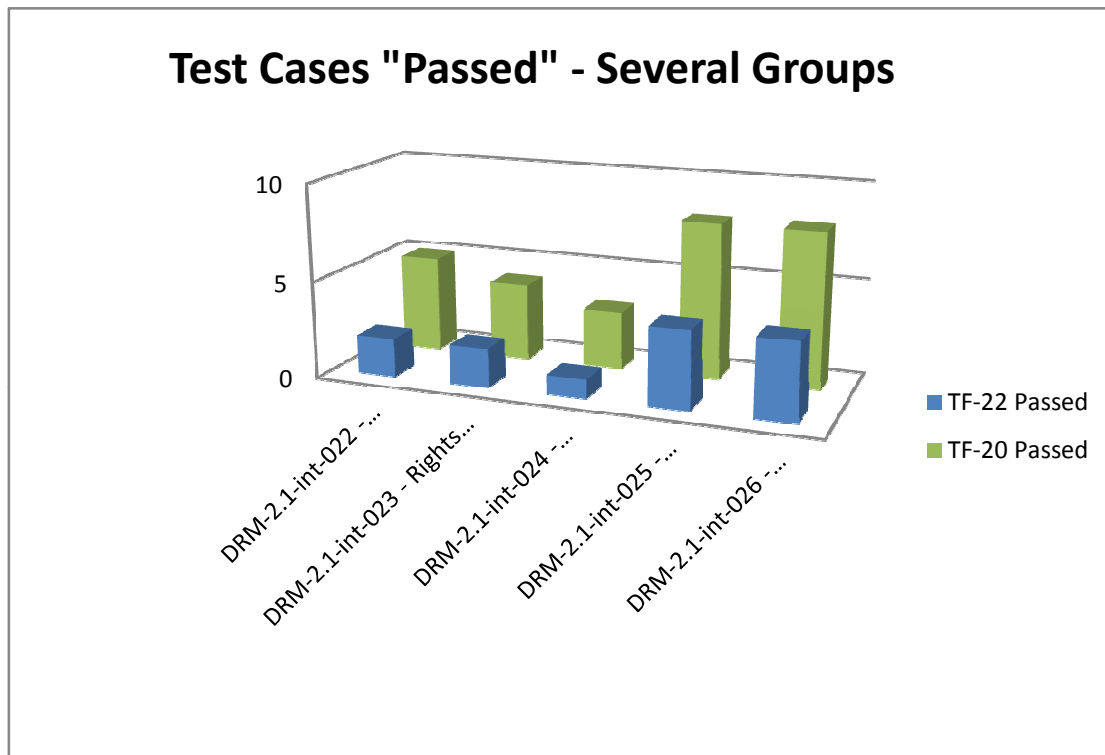
Test Case Test Group: -

	Group
DRM-2.1-int-022	DEVICE RIGHTS OBJECT INCLUDED IN DCF
DRM-2.1-int-023	GROUP ID
DRM-2.1-int-024	GROUP ID
DRM-2.1-int-025	MULTIPLE RIGHTS OBJECTS FOR SINGLE DCF
DRM-2.1-int-026	MULTIPLE RIGHTS OBJECTS FOR SINGLE DCF



Several Test Groups

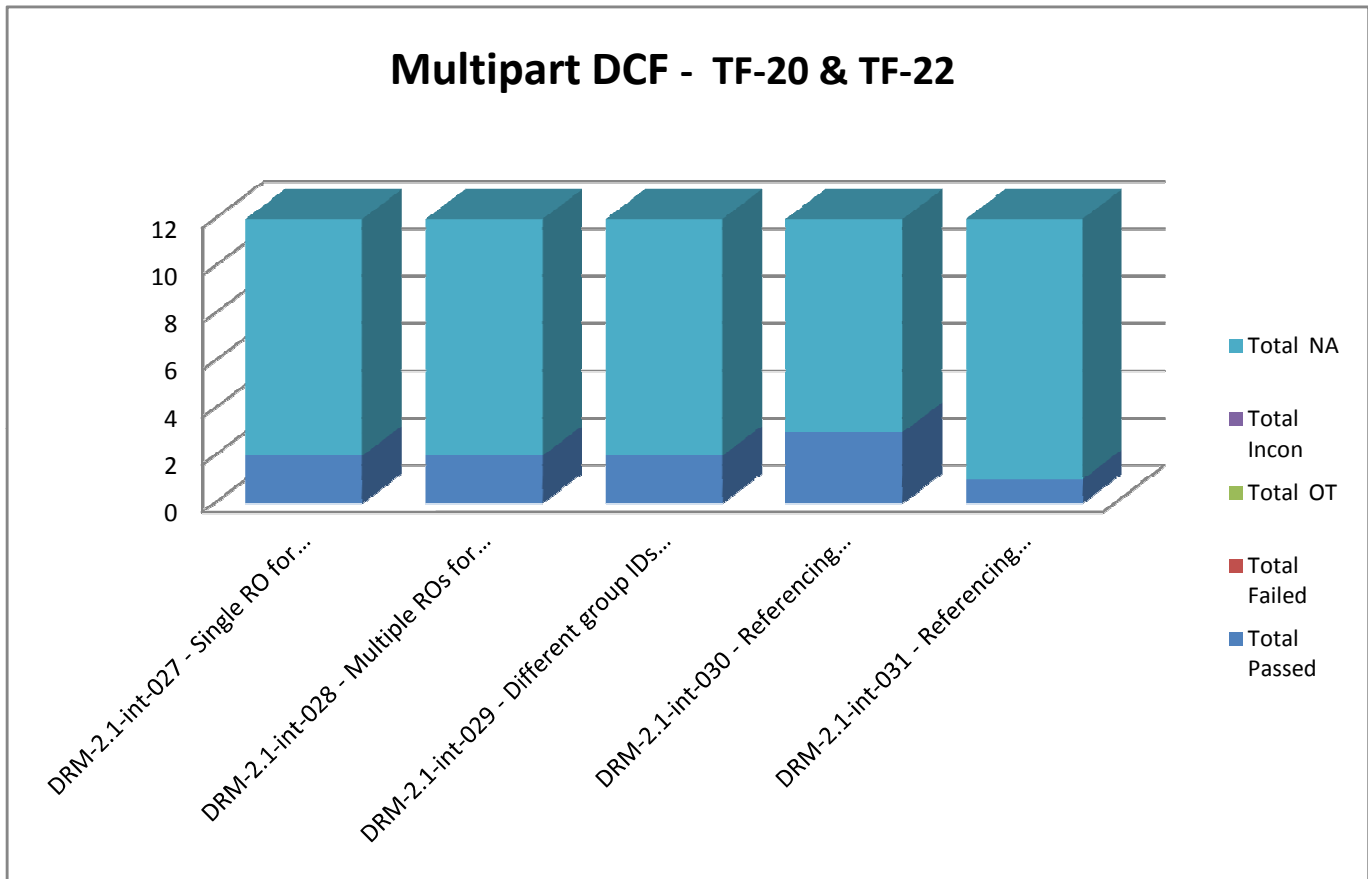
The below graph indicates the number of times each Test Case was marked as "Passed"
The information relates to each TestFest in which DRM v2.1 was tested



MULTIPART DCF

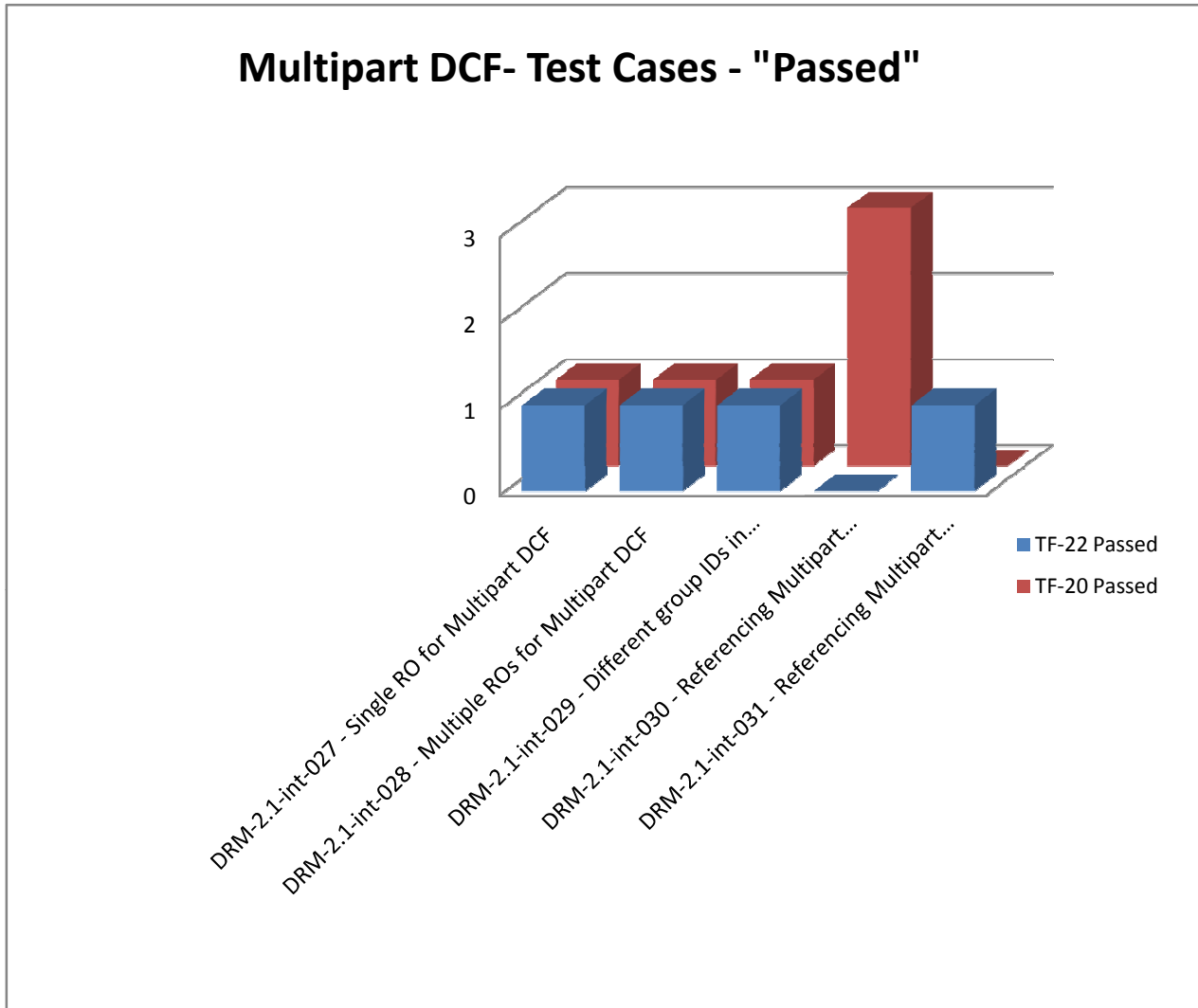
The graph indicates how many times each of the Multipart DCF Test Cases have been run and marked as:

Passed
Failed
Out of Time
Inconclusive
Non Applicable



MULTIPART DCF

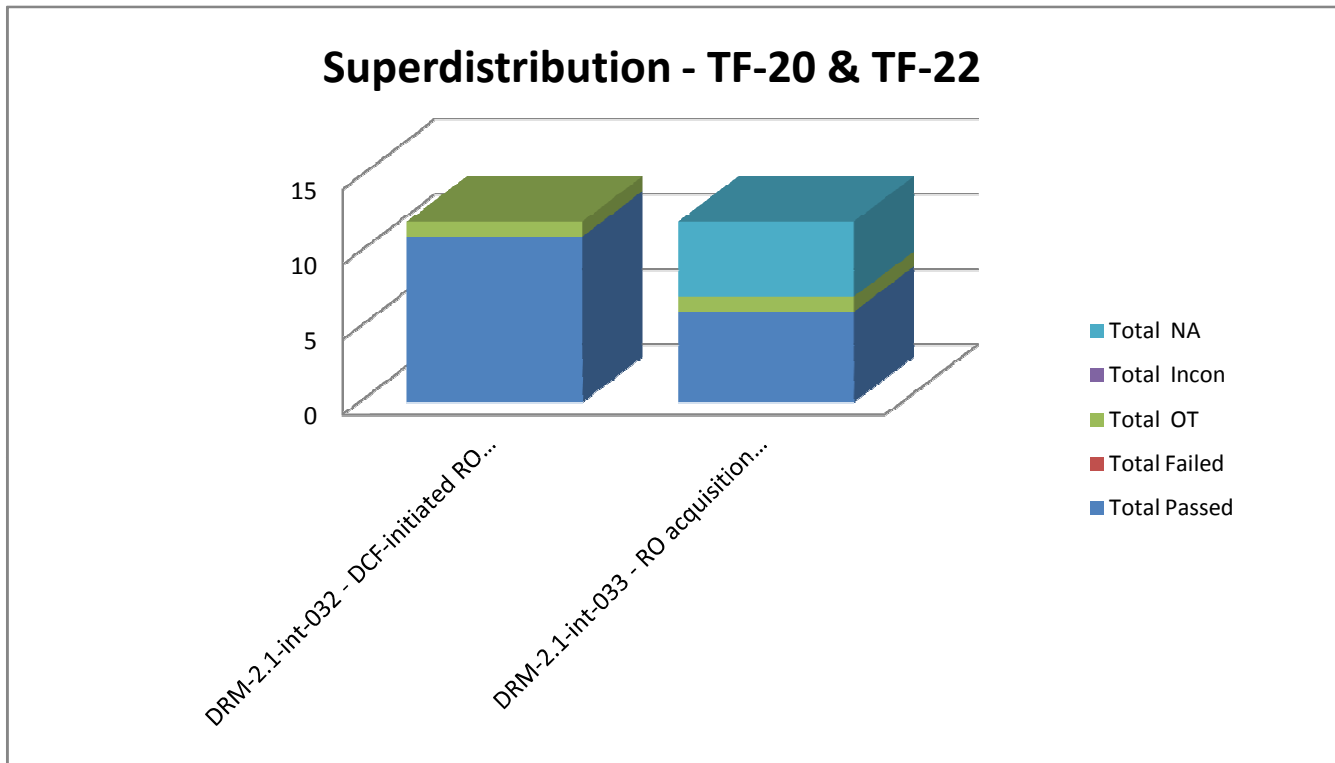
The below graph indicates the number of times each Test Case was marked as "Passed"
The information relates to each TestFest in which DRM v2.1 was tested



SUPERDISTRIBUTION

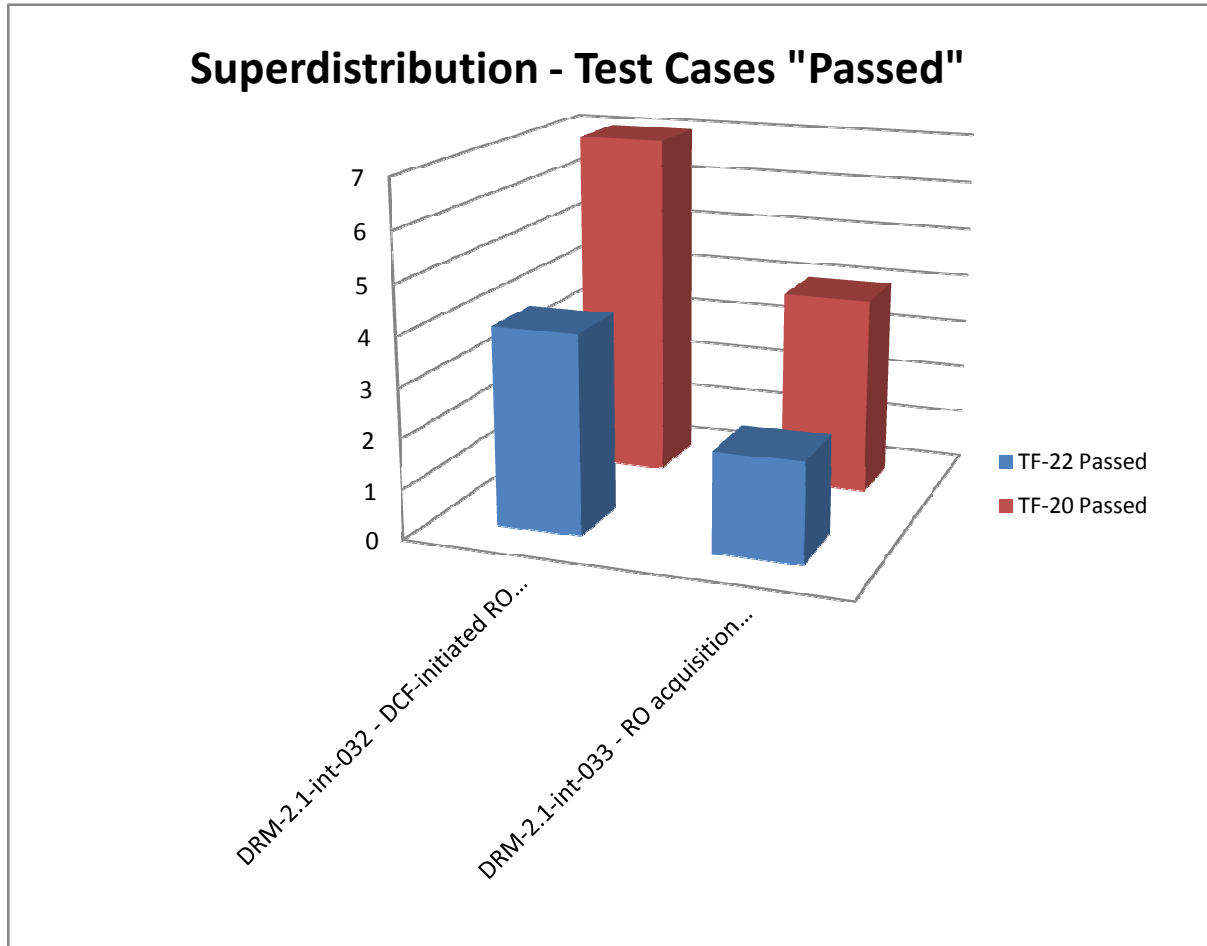
The graph indicates how many times each of the Superdistribution Test Cases have been run and marked as:

Passed
Failed
Out of Time
Inconclusive
Non Applicable



SUPERDISTRIBUTION

The below graph indicates the number of times each Test Case was marked as "Passed"
The information relates to each TestFest in which DRM v2.1 was tested

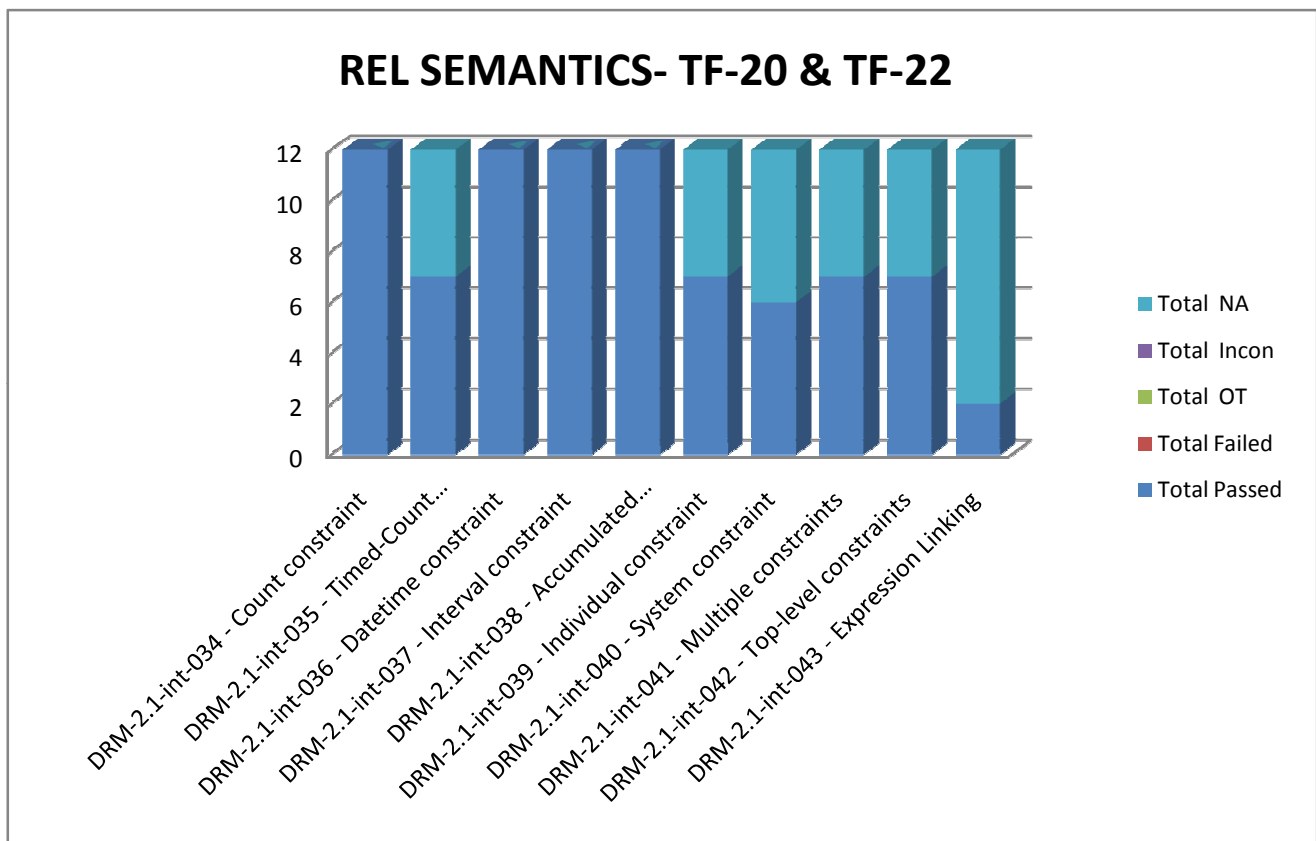


REL SEMANTICS

The graph indicates how many times each of the Rel Semantics

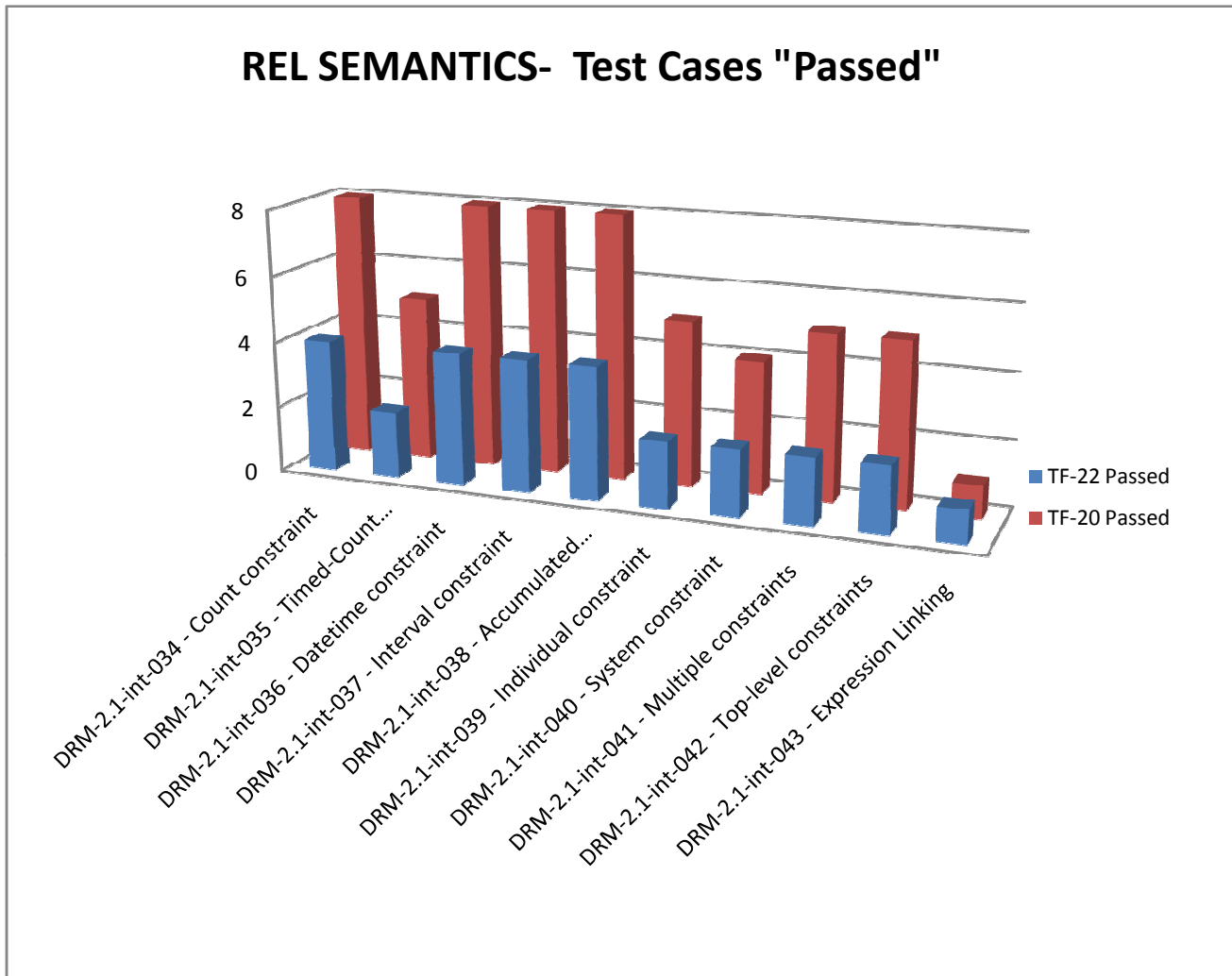
Test Cases have been run and marked as:

- Passed
- Failed
- Out of Time
- Inconclusive
- Non Applicable



REL SEMANTICS

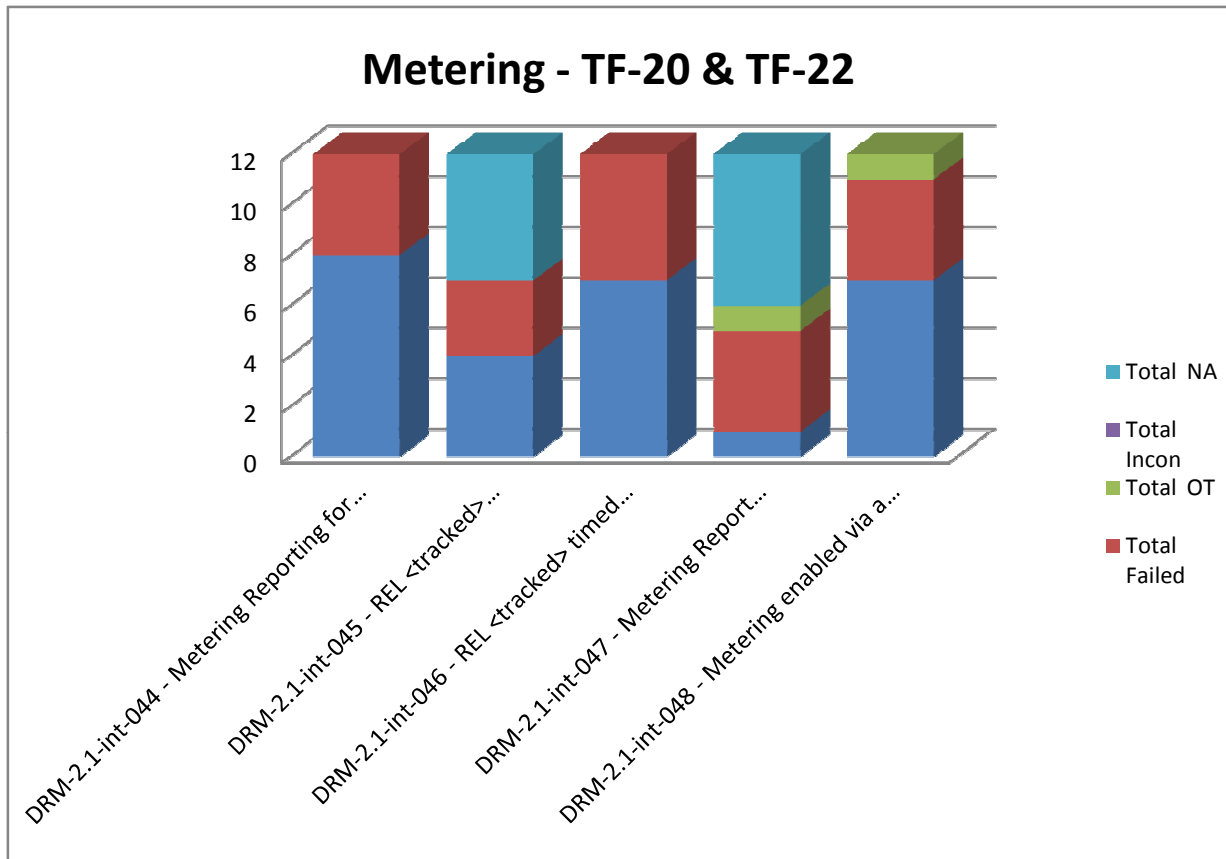
The below graph indicates the number of times each Test Case was marked as "Passed"
The information relates to each TestFest in which DRM v2.1 was tested



Metering

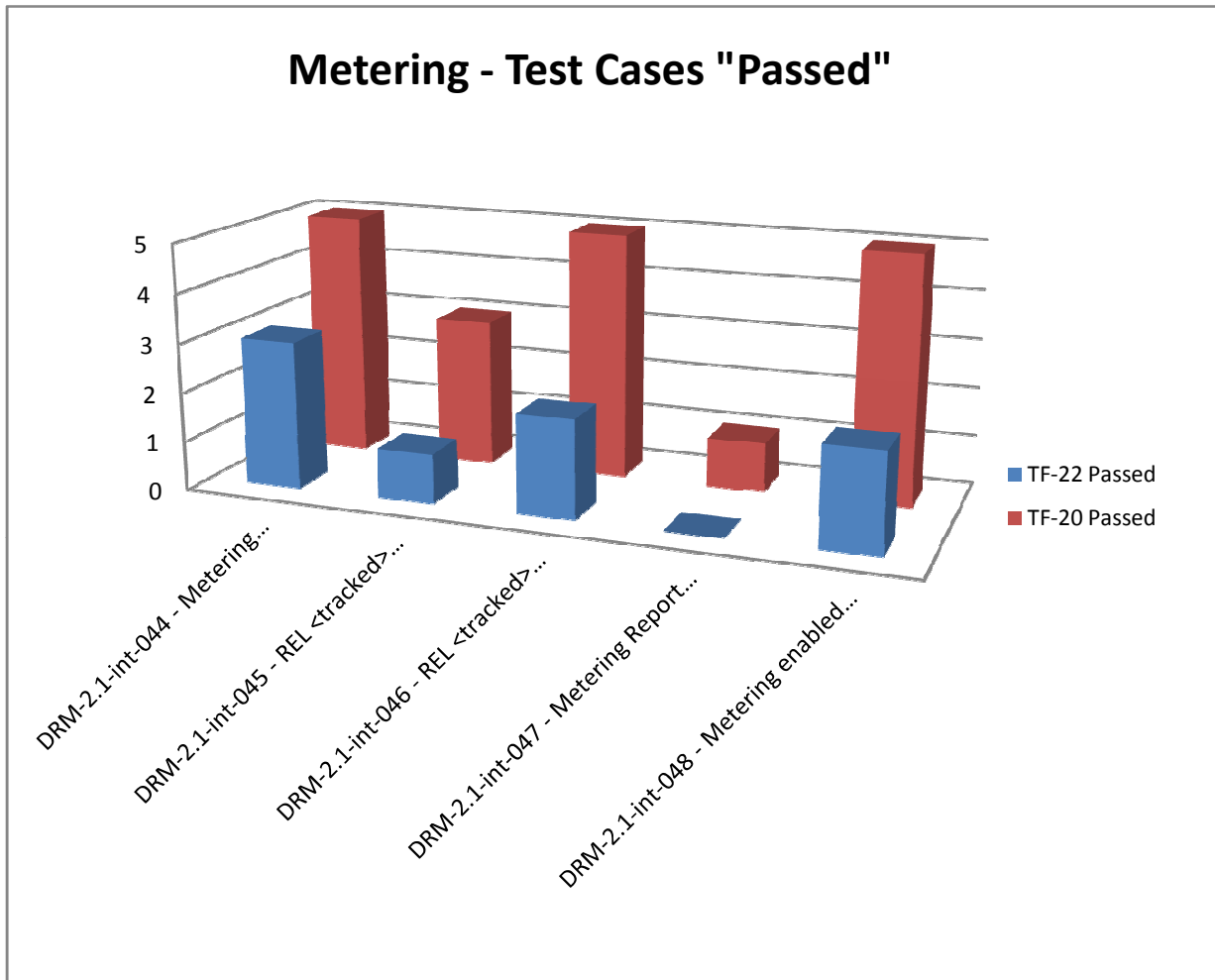
The graph indicates how many times each of the Metering Test Cases have been run and marked as:

- Passed
- Failed
- Out of Time
- Inconclusive
- Non Applicable



Metering

The below graph indicates the number of times each Test Case was marked as "Passed"
The information relates to each TestFest in which DRM v2.1 was tested



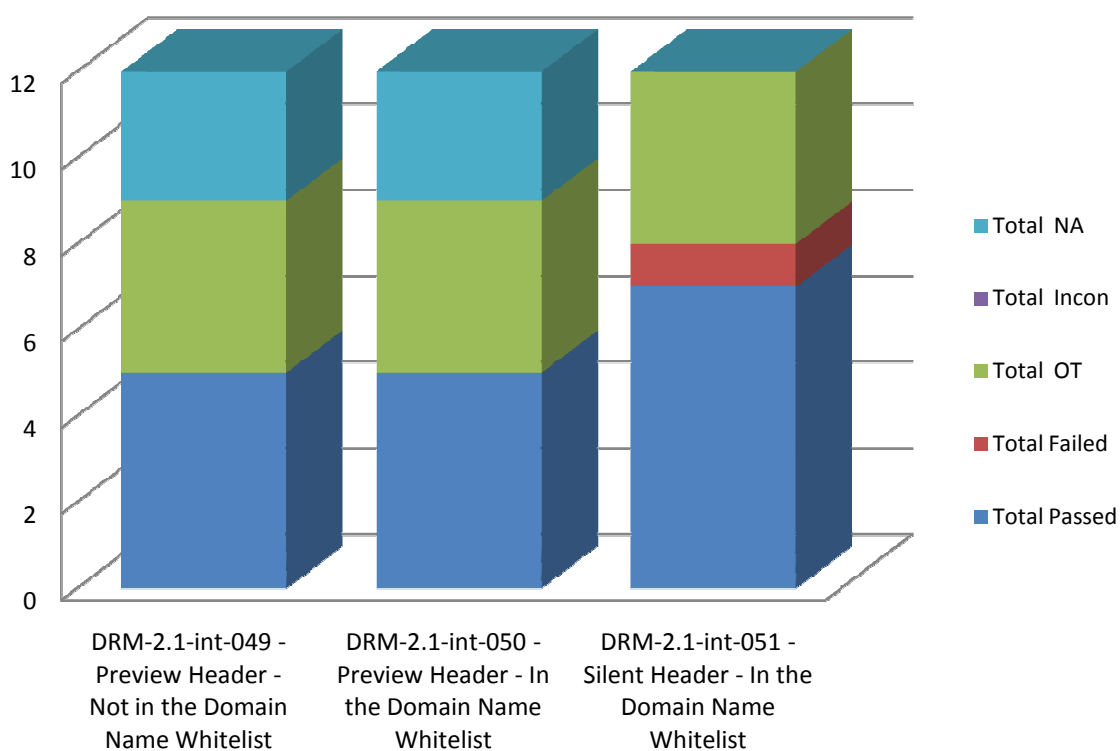
DCF TEXTUAL HEADERS

The graph indicates how many times each of the DCF Textual Headers

Test Cases have been run and marked as:

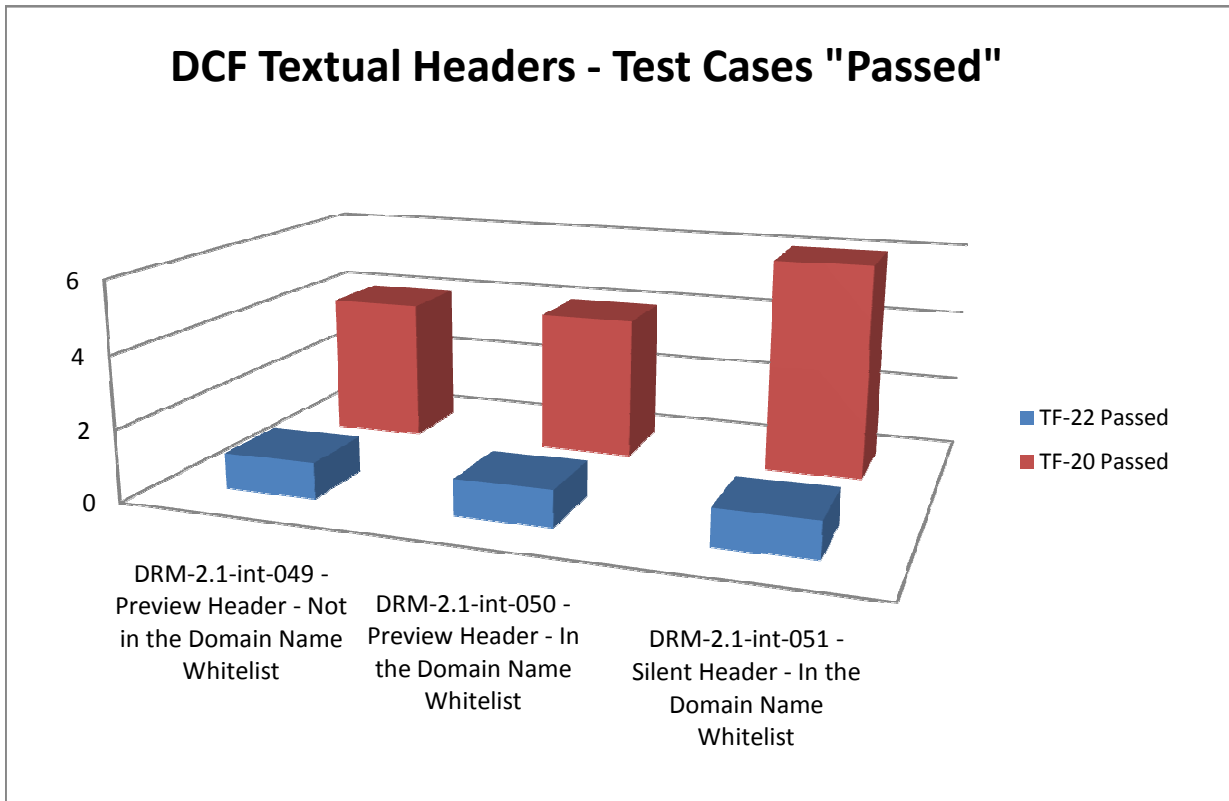
- Passed
- Failed
- Out of Time
- Inconclusive
- Non Applicable

DCF Textual Headers - TF-20 & TF-22



DCF TEXTUAL HEADERS

The below graph indicates the number of times each Test Case was marked as "Passed"
The information relates to each TestFest in which DRM v2.1 was tested

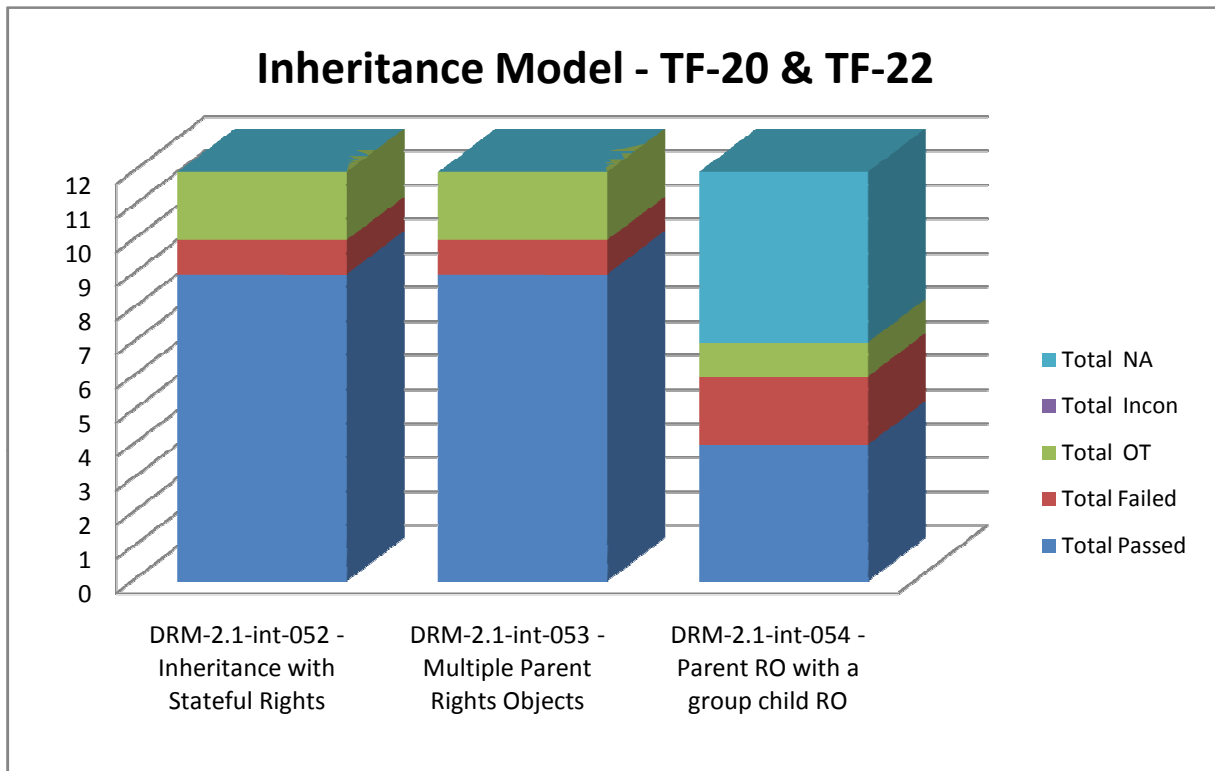


INHERITANCE MODEL

The graph indicates how many times each of the Inheritance Model

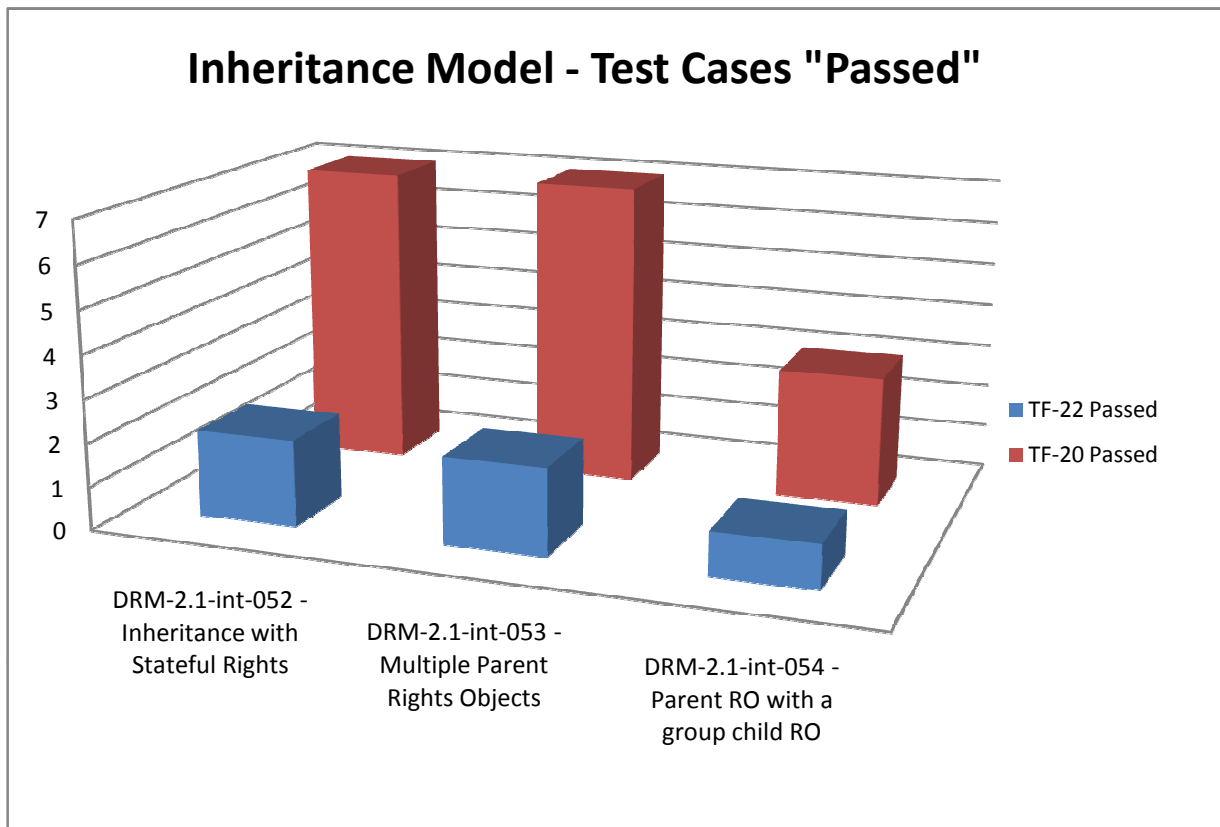
Test Cases have been run and marked as:

- Passed
- Failed
- Out of Time
- Inconclusive
- Non Applicable



INHERITANCE MODEL

The below graph indicates the number of times each Test Case was marked as "Passed"
The information relates to each TestFest in which DRM v2.1 was tested

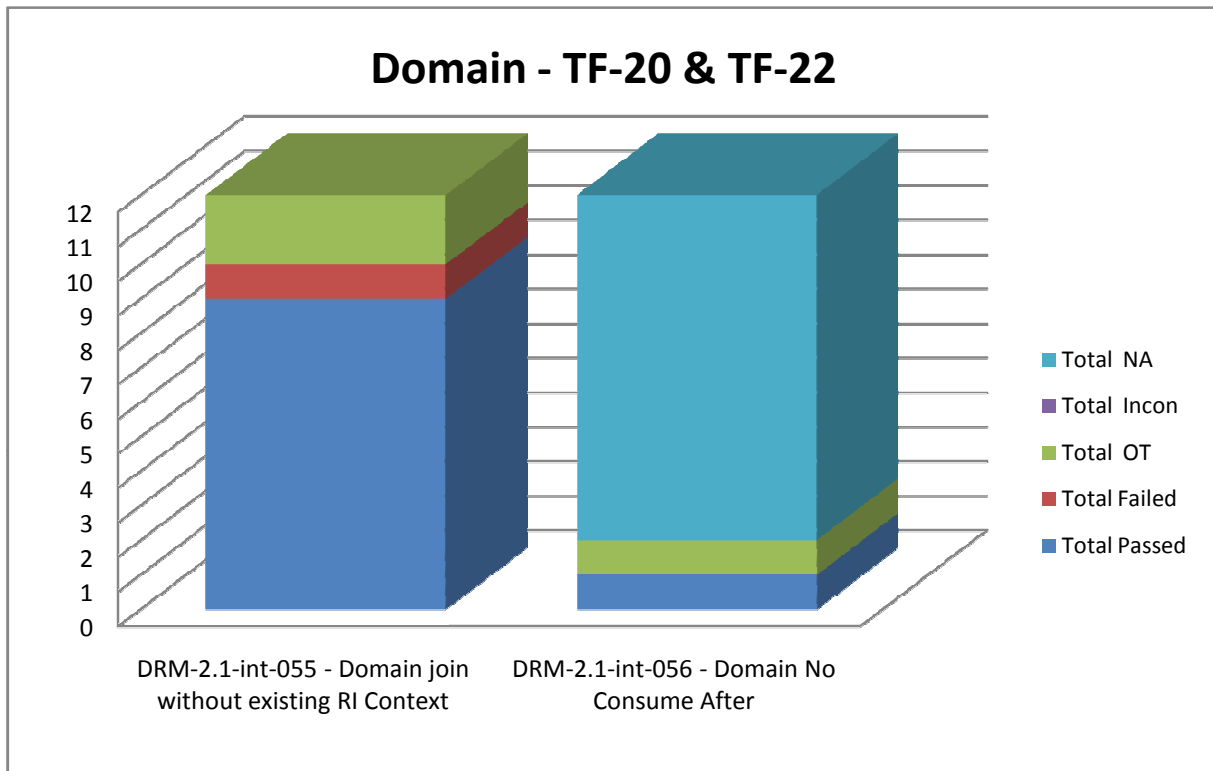


DOMAINS

The graph indicates how many times each of the Domains

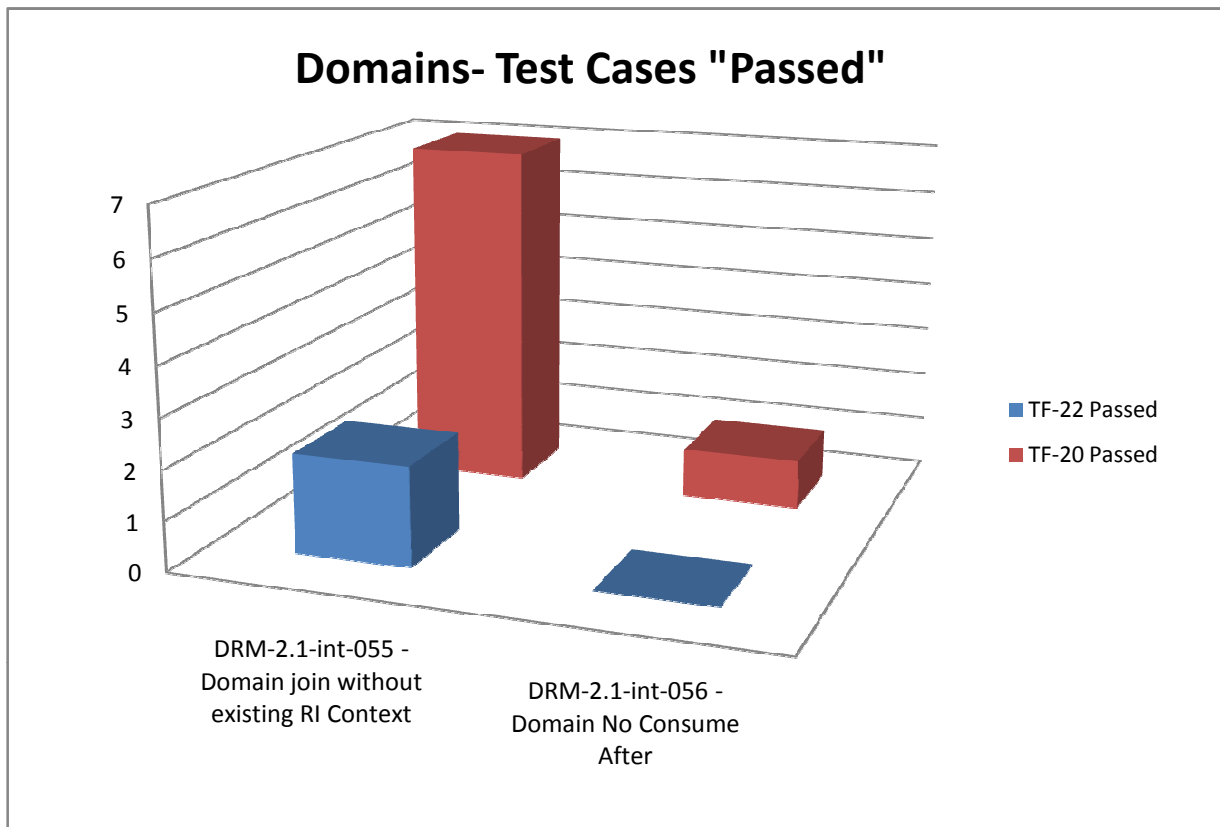
Test Cases have been run and marked as:

- Passed
- Failed
- Out of Time
- Inconclusive
- Non Applicable



DOMAINS

The below graph indicates the number of times each Test Case was marked as "Passed"
The information relates to each TestFest in which DRM v2.1 was tested



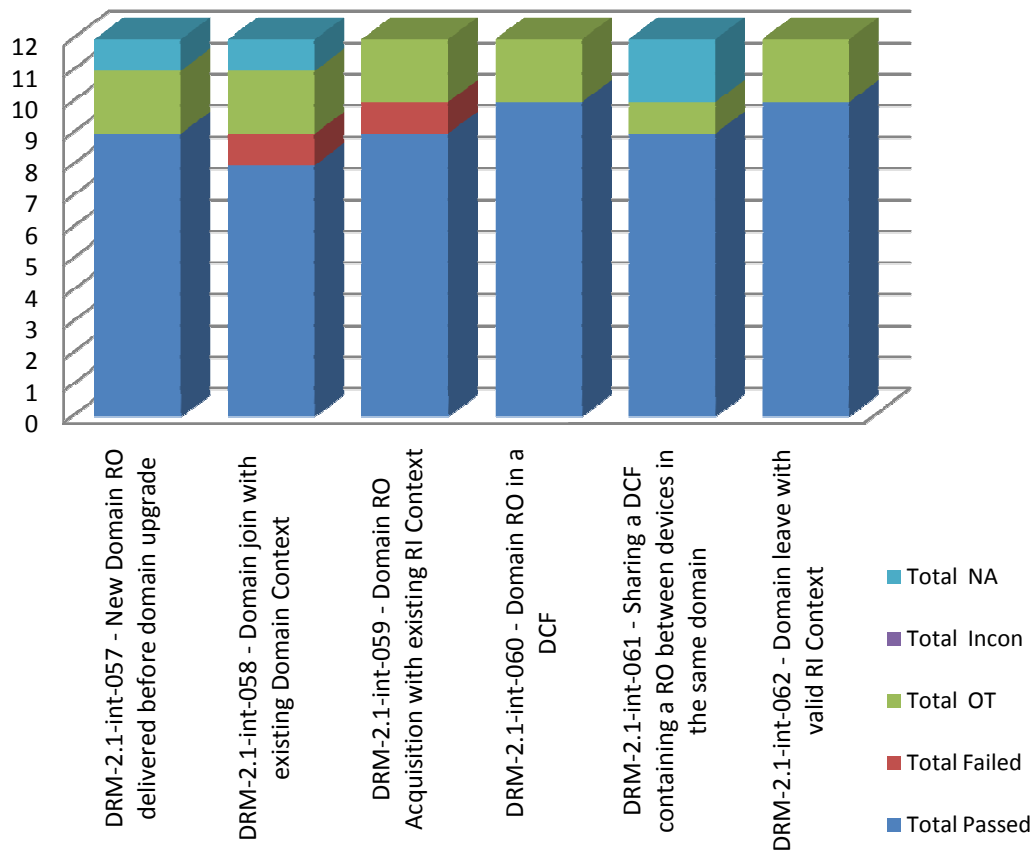
DOMAIN UPGRADE

The graph indicates how many times each of the Domain Upgrade

Test Cases have been run and marked as:

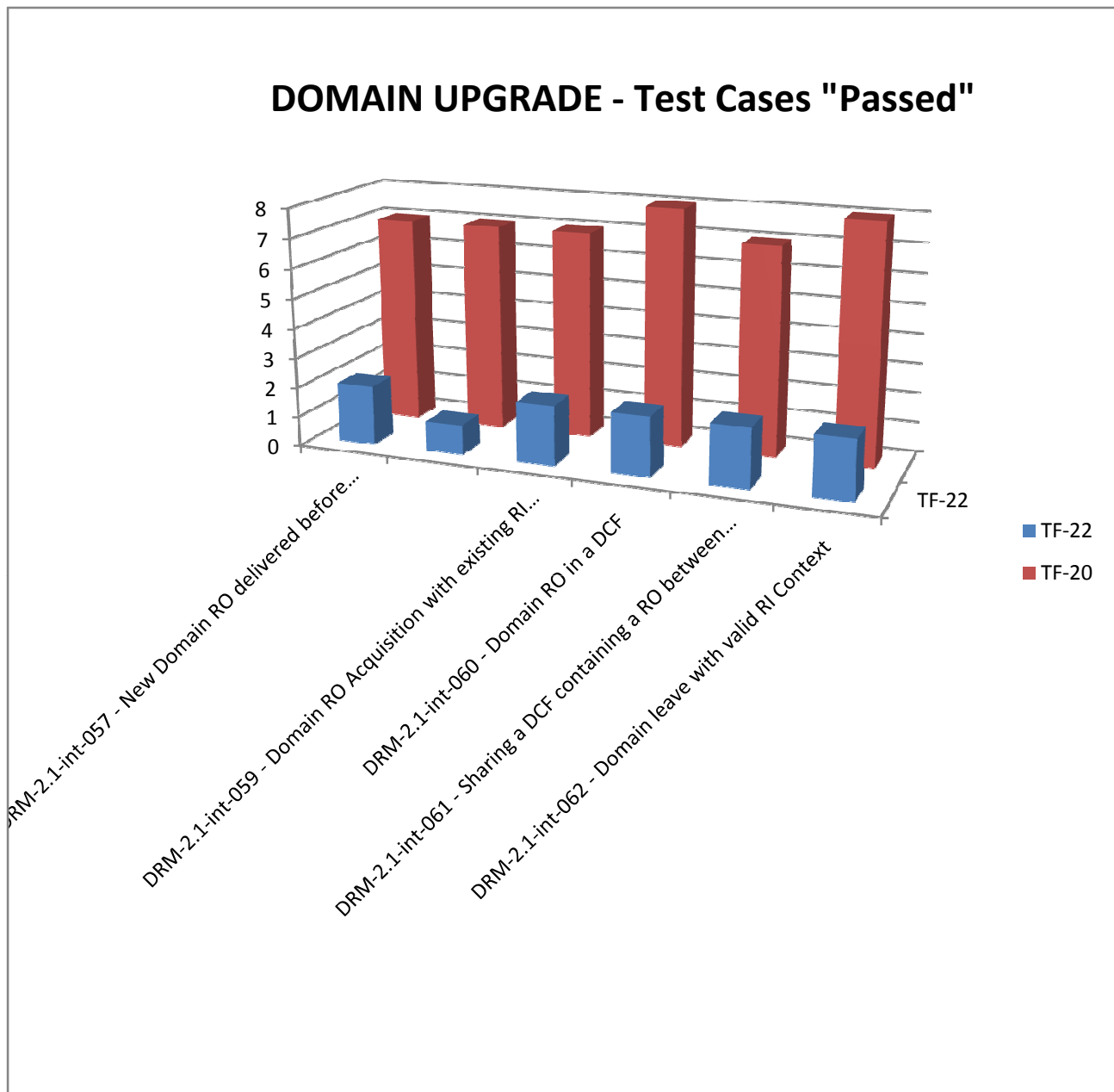
- Passed
- Failed
- Out of Time
- Inconclusive
- Non Applicable

Domain Upgrade - TF-20 & TF-22



DOMAIN UPGRADE

The below graph indicates the number of times each Test Case was marked as "Passed"
The information relates to each TestFest in which DRM v2.1 was tested



DOMAIN UPGRADE

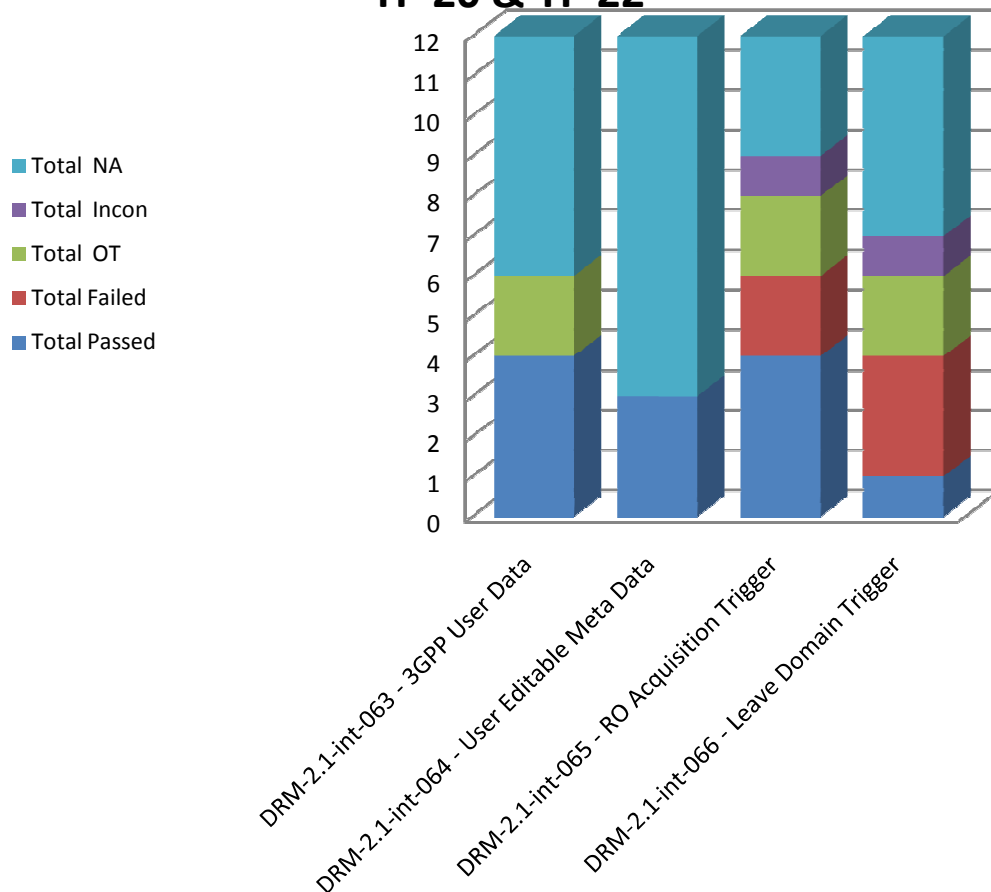
The graph indicates how many times each Test Case in each Test Group have been run and marked as:

Passed
Failed
Out of Time
Inconclusive
Non Applicable

Test Case Test Group: -

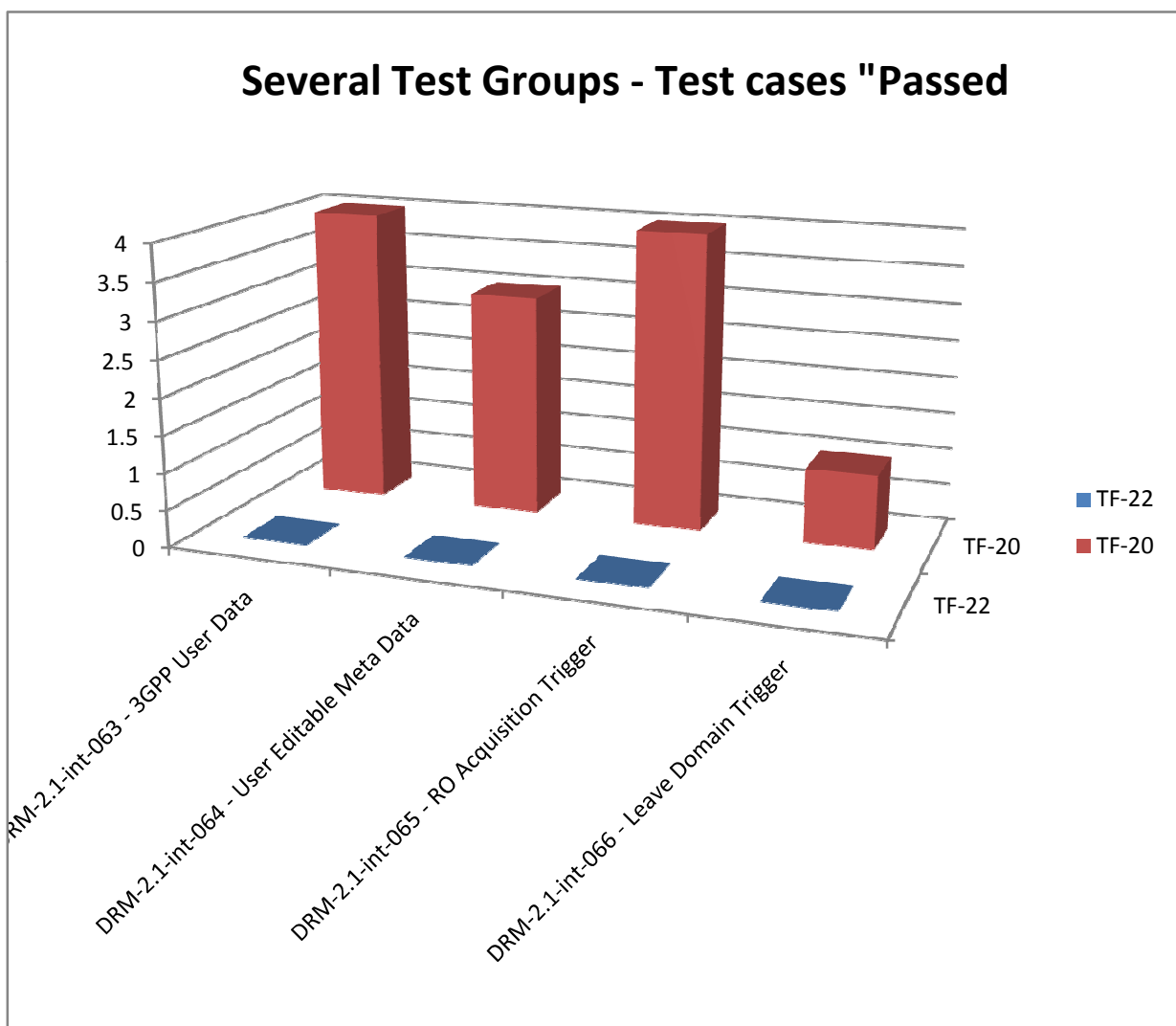
	Group
DRM-2.1-int-063	DCF METADATA
DRM-2.1-int-064	DCF METADATA
DRM-2.1-int-065	WBXML ENCODING OF TRIGGERS
DRM-2.1-int-066	WBXML ENCODING OF TRIGGERS

**Test Cases - Several Test groups
TF-20 & TF-22**



DOMAIN UPGRADE

The below graph indicates the number of times each Test Case was marked as "Passed"
The information relates to each TestFest in which DRM v2.1 was tested

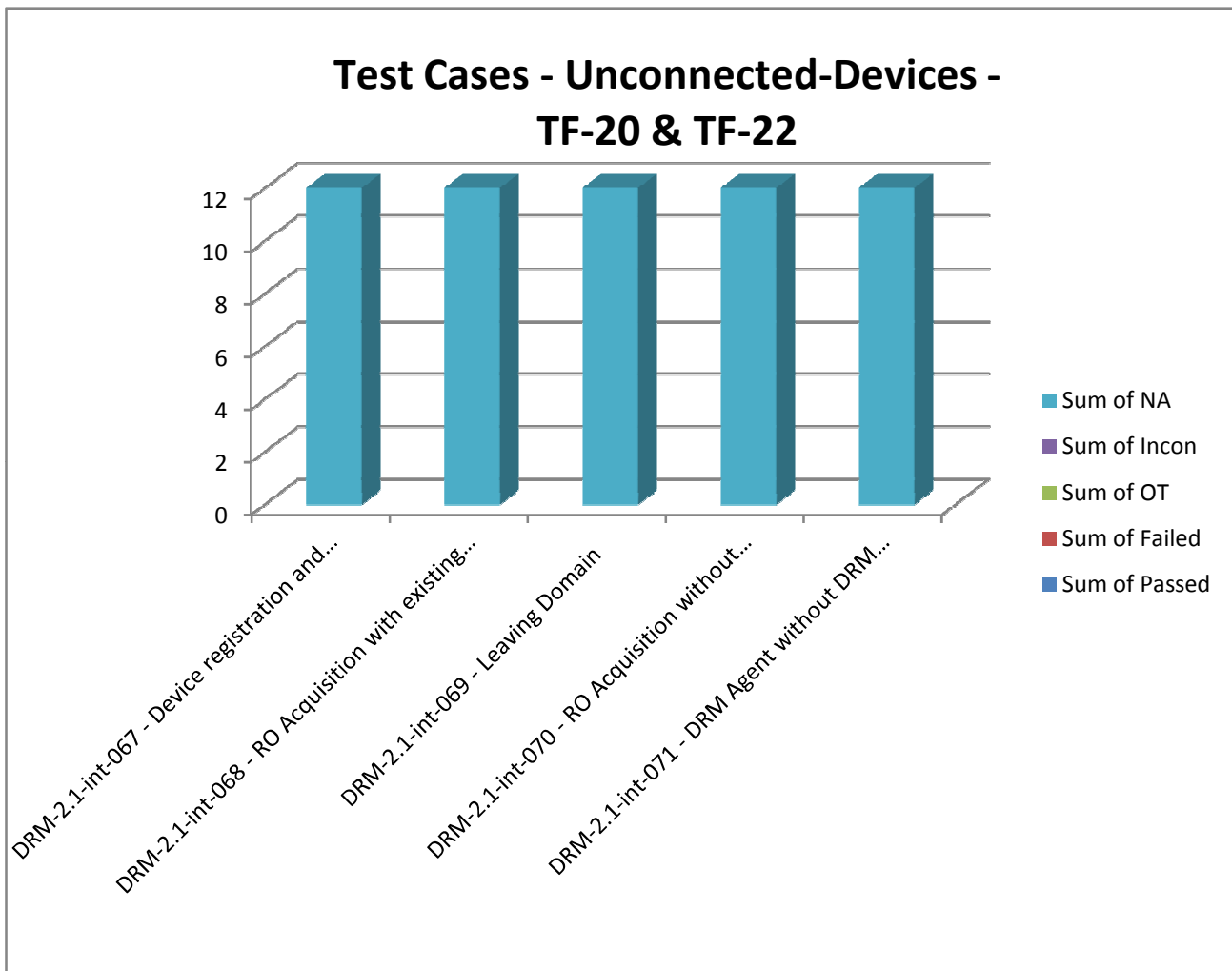


UNCONNECTED-DEVICES

The graph indicates how many times each of the Unconnected-Devices

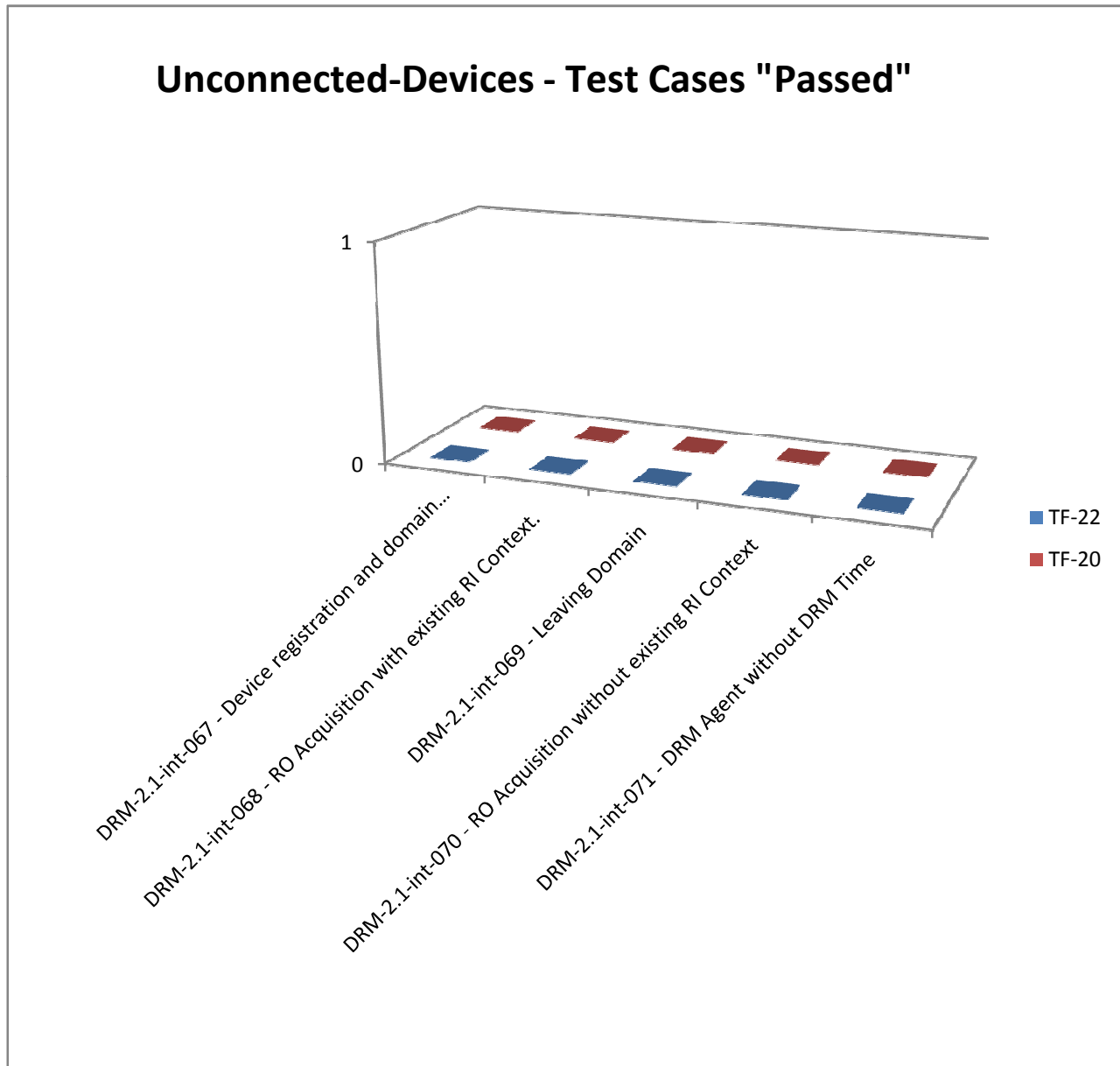
Test Cases have been run and marked as:

- Passed
- Failed
- Out of Time
- Inconclusive
- Non Applicable



UNCONNECTED-DEVICES

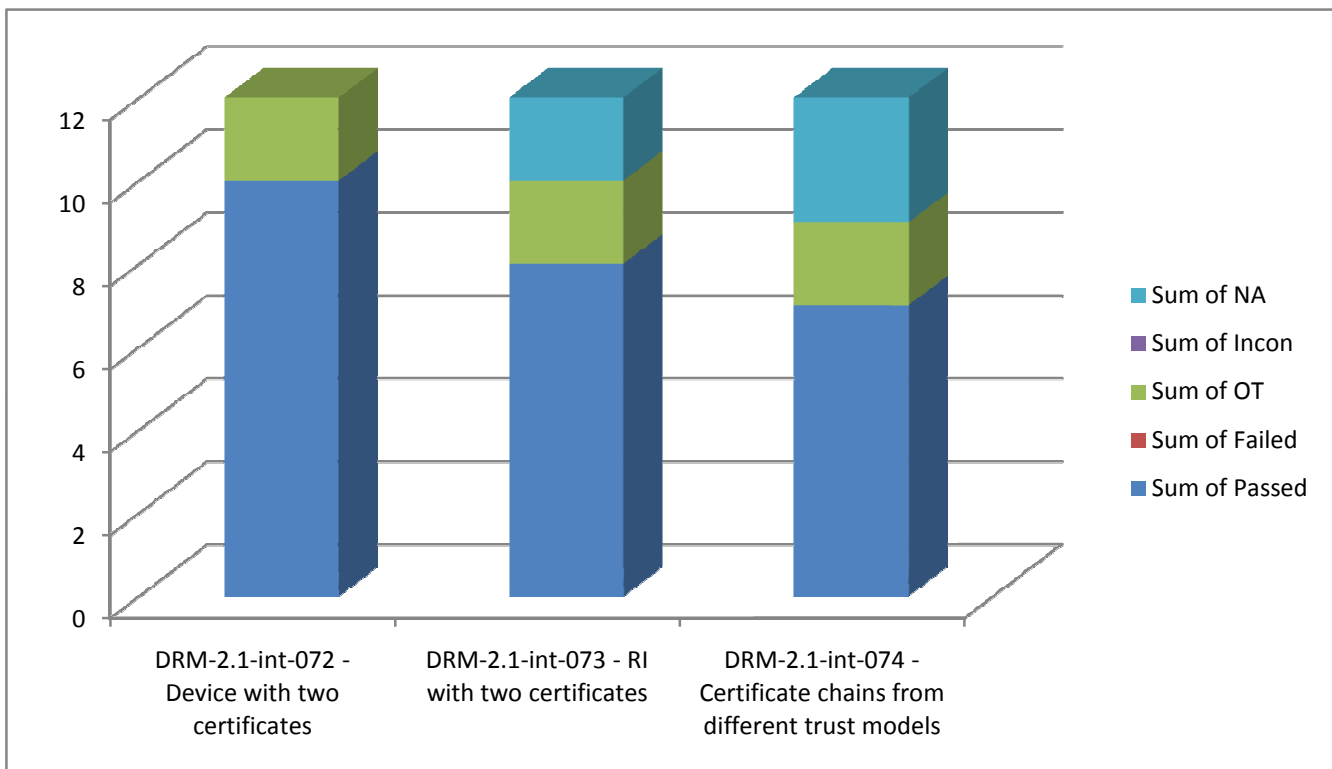
The below graph indicates the number of times each Test Case was marked as "Passed"
The information relates to each TestFest in which DRM v2.1 was tested



MULTIPLE-PKIS

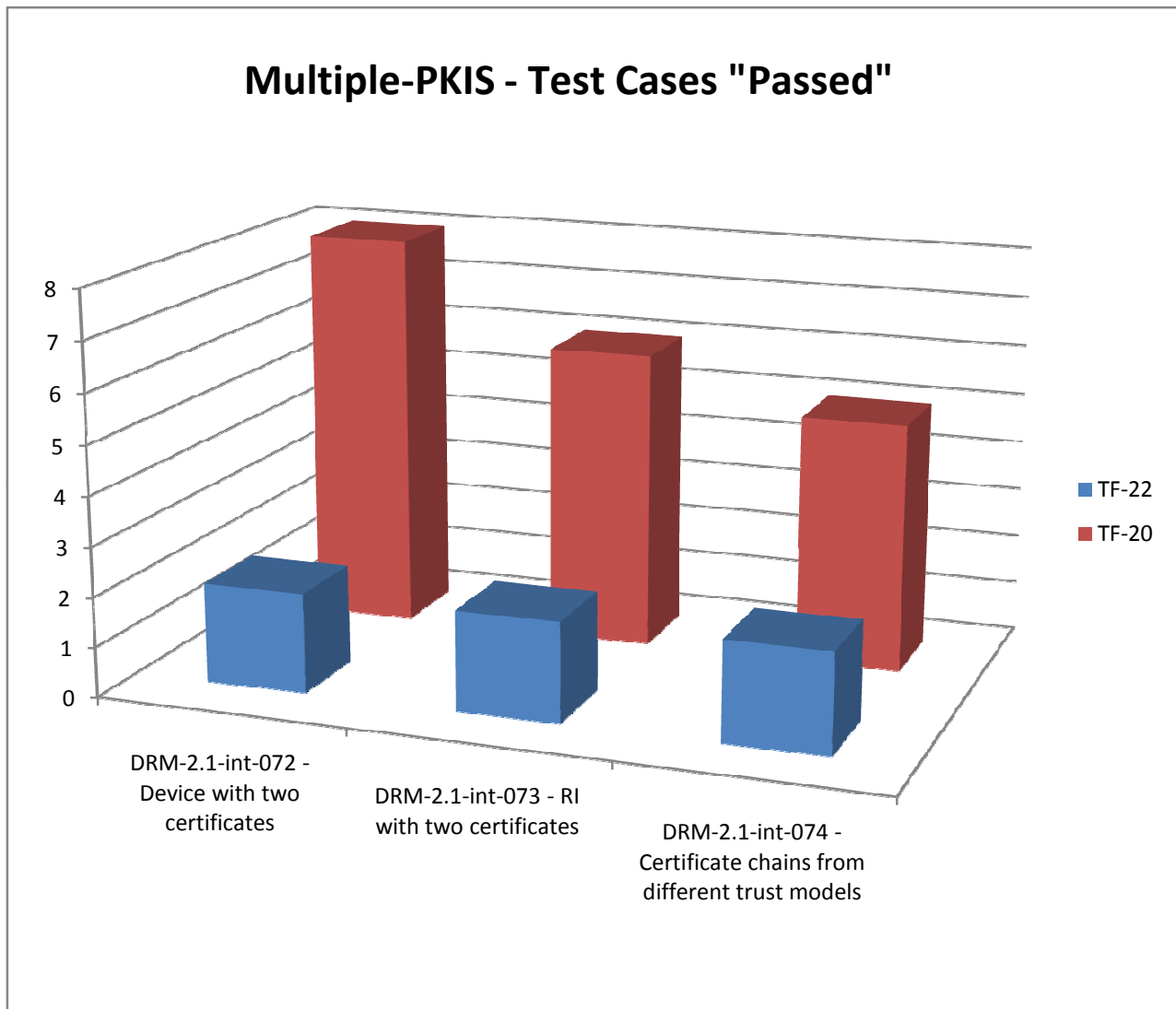
The graph indicates how many times each of the Multiple-PKIS Test Cases have been run and marked as:

Passed
Failed
Out of Time
Inconclusive
Non Applicable



MULTIPLE-PKIS

The below graph indicates the number of times each Test Case was marked as "Passed"
The information relates to each TestFest in which DRM v2.1 was tested



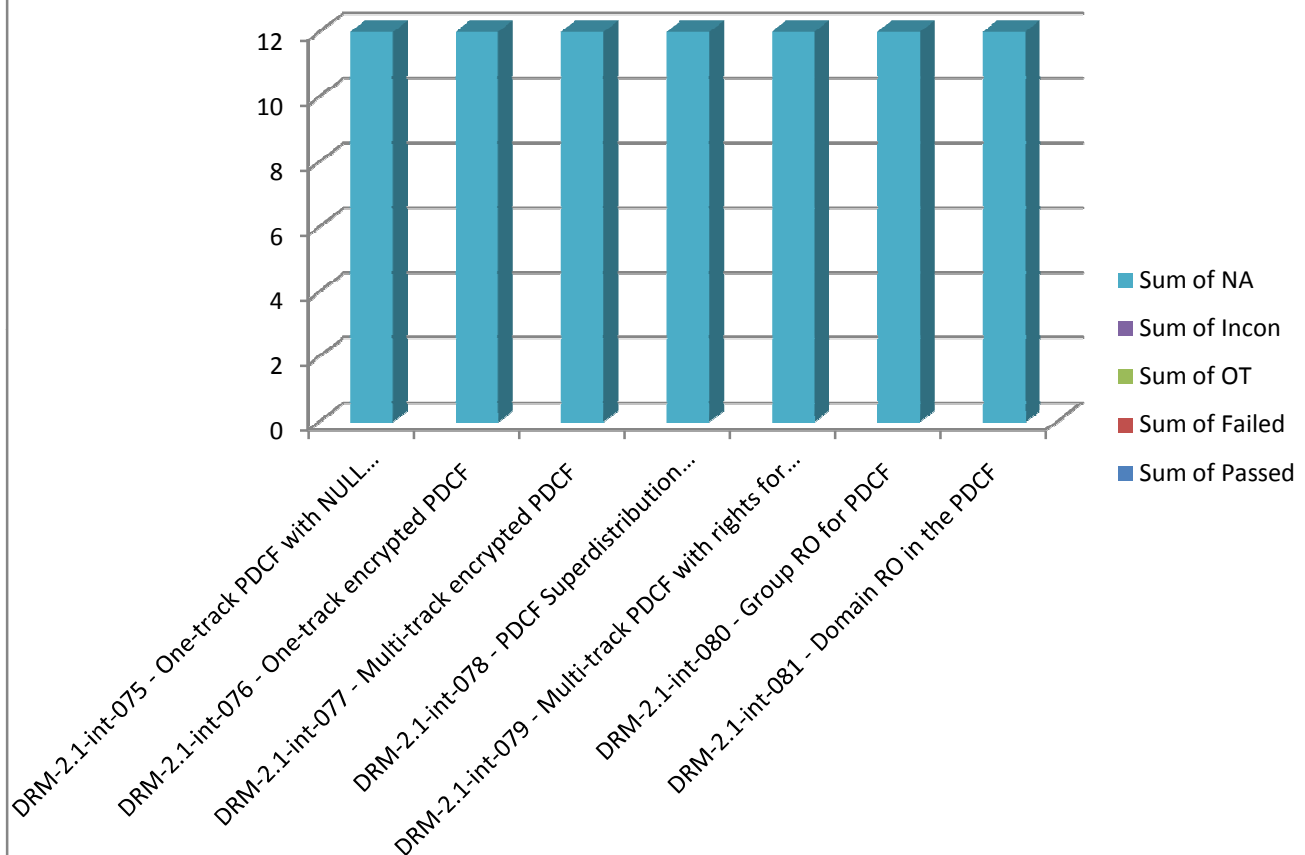
NON-STREAMABLE PDCF

The graph indicates how many times each of the Non-Streamable PDCF

Test Cases have been run and marked as:

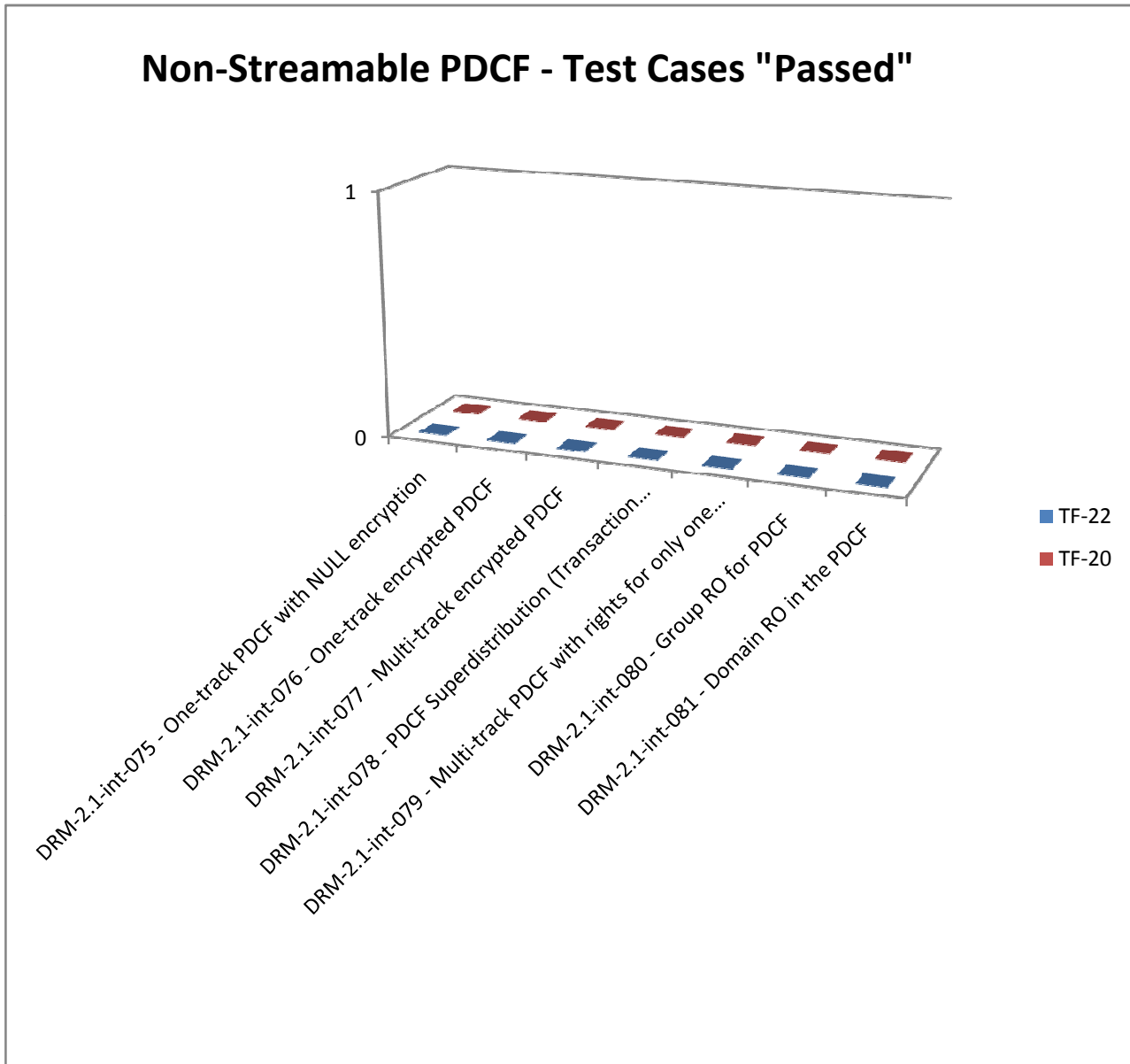
- Passed
- Failed
- Out of Time
- Inconclusive
- Non Applicable

Test Cases - Non-Streamable PDCF - TF-20 & TF-22



NON-STREAMABLE PDCF

The below graph indicates the number of times each Test Case was marked as "Passed"
The information relates to each TestFest in which DRM v2.1 was tested

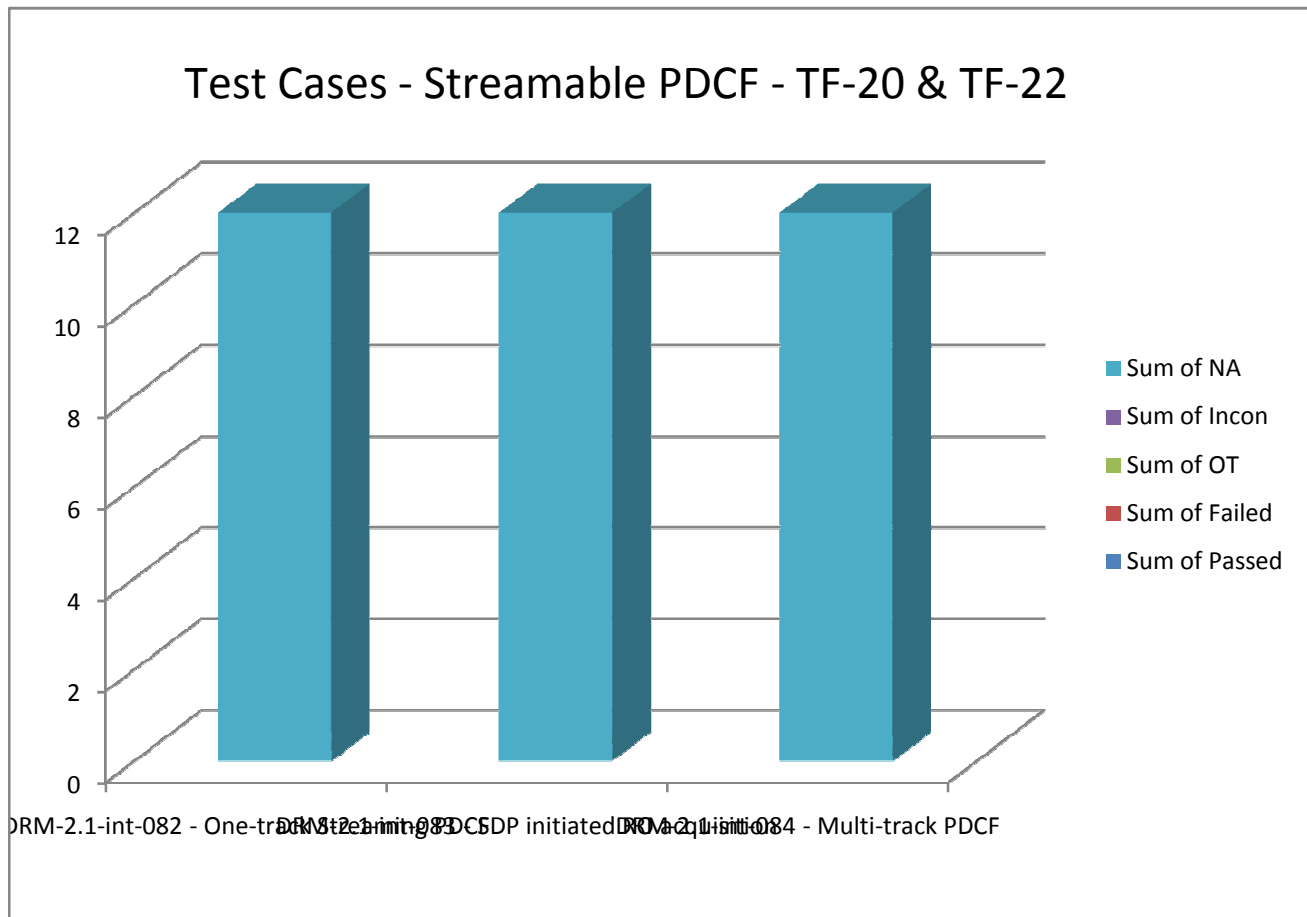


STREAMABLE PDCF

The graph indicates how many times each of the Streamable PDCF

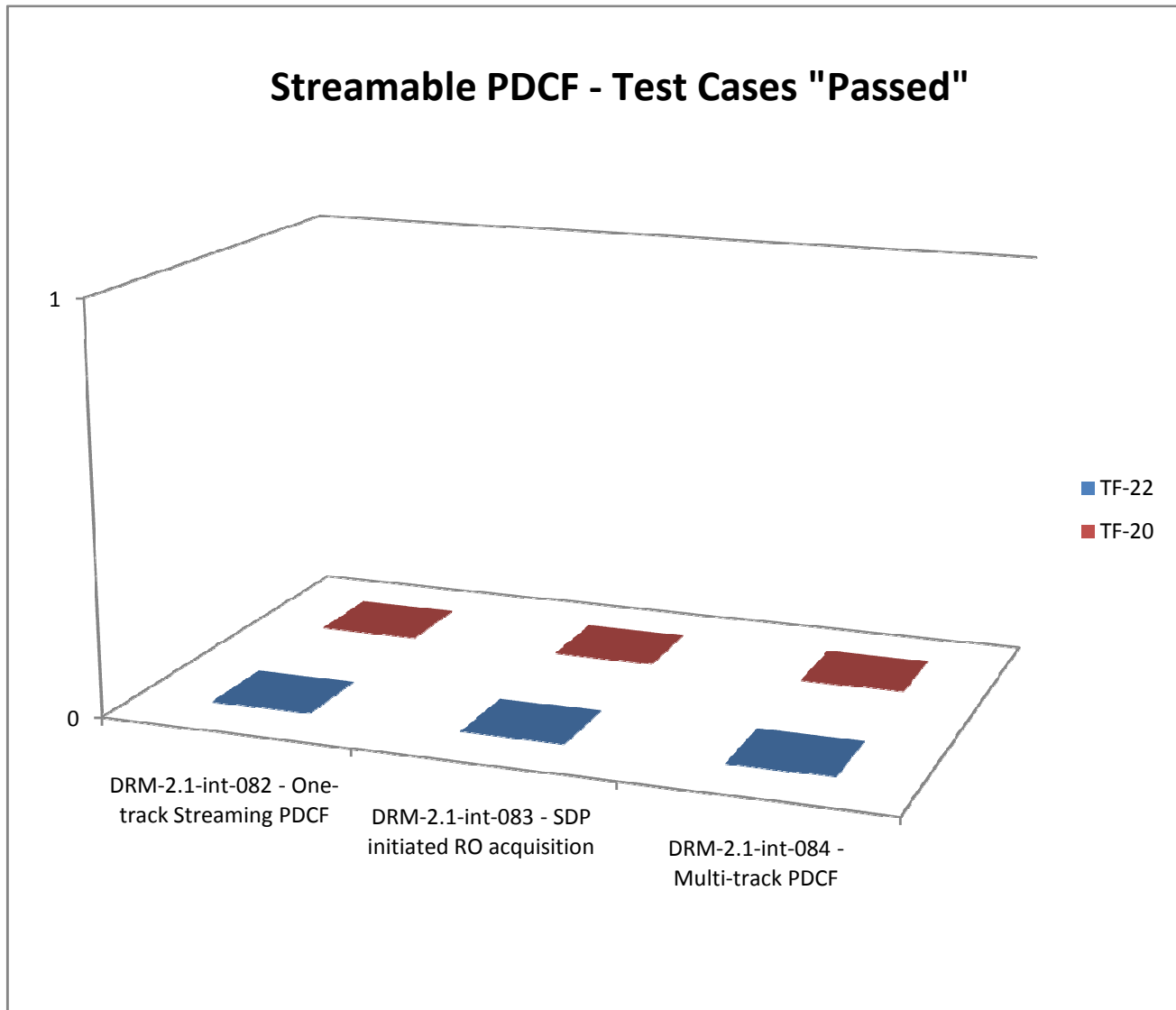
Test Cases have been run and marked as:

- Passed
- Failed
- Out of Time
- Inconclusive
- Non Applicable



STREAMABLE PDCF

The below graph indicates the number of times each Test Case was marked as "Passed"
The information relates to each TestFest in which DRM v2.1 was tested



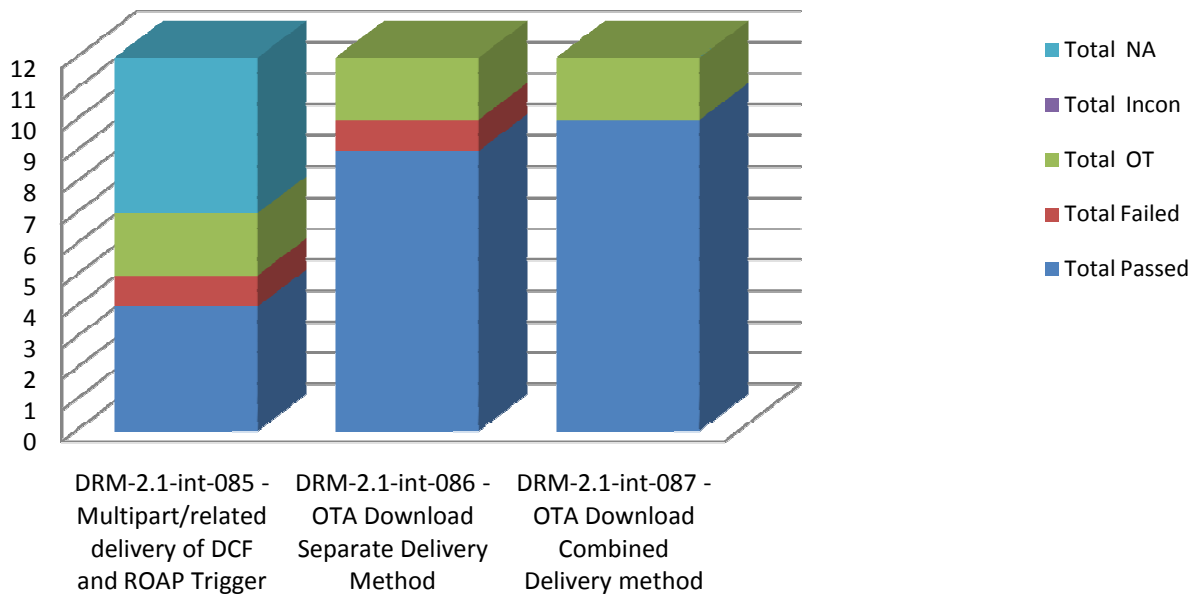
HTTP AND OTA DOWNLOAD

The graph indicates how many times each of the HTTP and OTA download

Test Cases have been run and marked as:

- Passed
- Failed
- Out of Time
- Inconclusive
- Non Applicable

HTTP and OTA Download - TF-20 & TF-22



HTTP AND OTA DOWNLOAD

The below graph indicates the number of times each Test Case was marked as "Passed"
The information relates to each TestFest in which DRM v2.1 was tested

