Release 2 (WINNF-TS-4006)			Release 1 (WINNF-TS-0061)			
Step	**Instruction**	**Test ID**	**Step**	**Instruction**	**Test Case**
1	- Ensure no cbsdIds exists in the SAS for the CBSD being tested. - REG-Conditional parameters for the CBSD shall be pre-loaded into the SAS UUT.	WINNF.FT.S.REG.1	1	Ensure no *cbsdId* exists in the SAS for the CBSDs being tested. All REG-Conditional parameters for the three CBSDs (a combination of both Cat A and Cat B) shall already be pre-loaded into the SAS	https://github.com/Wireless-Innovation-Forum/Spectrum-Access-System/blob/master/src/harness/testcases/WINNF_FT_S_REG_testcase.py
2	The Test Harness sends a Registration Request for the CBSD to the SAS UUT - The Registration Request is in proper format and parameters are within acceptable ranges. - cbsdFeatureCapabilityList is included with FID: WF_GRANT_UPDATE	WINNF.FT.S.REG.6	2	Ensure that the DP Test Harness sends a Registration Request in the form of one 3-element Array to the SAS as follows: - valid userId, fccId, and cbsdSerialNumber plus all REG-Conditional parameters for Cat A CBSD shall be included for the first and second CBSDs (Cat A), except that for the second CBSD at least one REG-Conditional parameter for a Cat A CBSD missing. - valid userId, fccId, and cbsdSerialNumber shall be included for the third CBSD (Cat B). The encodedCpiSignedData parameter in the cpiSignatureData parameter shall be set to the value generated by using the CpiSignedData object that contains installationParam parameter with all the required parameters being certified by the CPI, except for one REG-Conditional parameter.	https://github.com/Wireless-Innovation-Forum/Spectrum-Access-System/blob/master/src/harness/testcases/WINNF_FT_S_REG_testcase.py
CHECK	SAS UUT approves the request and sends a Registration Response as follows: CBSD 1 - Includes valid cbsdId for the CBSD. - The responseCode parameter is 0 (SUCCESS) indicating an approved Registration - sasFeatureCapabilityList shall be included with FID list containing atleast FID: WF_GRANT_UPDATE If any of the above conditions are not met, the SAS UUT FAILS this test. Otherwise, it PASSES	WINNF.FT.S.REG.1	CHECK	SAS UUT approves the request by sending a CBSD Registration Response in the form of one 3-element Array to the DP Test Harness as follows: - SAS response includes a valid cbsdId for each CBSD. - The responseCode parameter contained in the response parameter is 0 for each CBSD concluding an approved Registration If any of the above conditions are not met, the SAS UUT FAILS this test. Otherwise, it PASSES.	https://github.com/Wireless-Innovation-Forum/Spectrum-Access-System/blob/master/src/harness/testcases/WINNF_FT_S_REG_testcase.py

3	The Test Harness sends a Grant Request (frequency f1 and maxEirp set eirp1) for the CBSD registered in step 2 such that the Grant is approved (responseCode 0) by the SAS UUT with grantId set to GrantId1.		WINNF.FT.S.GRA.4	2	CBSD Test Harness (C1) sends a Grant Request Message in which cbsdId is set to C2, with all other required parameters valid.	https://github.com/Wireless-Innovation-Forum/Spectrum-Access-System/blob/master/src/harness/testcases/WINNF_FT_S_GRA_testcase.py
4	No Test Identified					
5	The Test Harness sends a Heartbeat Request for Grant GrantId1 which is either Authorized (responseCode set to 0) or Suspended (responseCode set to 501)		WINNF.FT.S.HBT.2	2	DP Test Harness sends a Heartbeat Request Message with the heartbeatRequest parameter containing 3 elements before the expiration of the grantExpireTime. Ensure no incumbent or any other activity to affect the Grant. For each CBSD, this request shall include: - cbsdId - grantId - grantRenew set to True.	https://github.com/Wireless-Innovation-Forum/Spectrum-Access-System/blob/master/src/harness/testcases/WINNF_FT_S_HBT_testcase.py
6	No Test Identified					
7	The Test Harness sends Grant Requests for the CBSD registered in step 2 with frequency f1 and the EIRP set to any EIRP value		WINNF.FT.S.GRA.4	2	CBSD Test Harness (C1) sends a Grant Request Message in which cbsdId is set to C2, with all other required parameters valid.	https://github.com/Wireless-Innovation-Forum/Spectrum-Access-System/blob/master/src/harness/testcases/WINNF_FT_S_GRA_testcase.py
CHECK	SAS UUT sends a Grant Response as follows: - Includes the cbsdId for the CBSD. - The responseCode parameter is other that 401 (GRANT _CONFLICT) - A valid Grant Id (GrantId2) shall be included when the responseCode is 0 (SUCCESS)		WINNF.FT.S.GRA.2	CHECK	SAS sends a Grant Response Message in an array format as follows: - For the first element of the grantResponse parameter: -- No cbsdId in Response message. -- No grantId in the Response message -- responseCode = 102 - For the second, third, fourth, and fifth elements of the grantResponse parameter: -- cbsdId = C2 to C5 respectively. -- No grantId -- The responseCode shall be 102, indicating am missing parameter If any of the above conditions are not met, the SAS UUT FAILS this test. Otherwise, it PASSES.	https://github.com/Wireless-Innovation-Forum/Spectrum-Access-System/blob/master/src/harness/testcases/WINNF_FT_S_GRA_testcase.py