

Item Number	Associated Test Equipment	Priority	Description of Work	Duration Estimate	Current Status	ITF Acceptance
1	Spectrum Analyzer	1	Spectrum Analyzer Screen Grab functionality	3 days	Not started	
2		2	Status table with corrected RF power levels going into the SPFRX123 (Note also, the Dashboards need to be calibrated to the Port power units. The Spec Ana will need to be corrected by ~10 dB (up) so the user can verify the input stimulus into the SPFRX is correct and as wanted.)	3 days	Not started	
3		3	Control the stop and start frequencies, center frequency span, reference power level, resolution and video bandwidth	Completed	Completed	Not yet
4		4	Set marker remotely.	3 days	Not started	
5	AWG	5	A simple test to generate a single CW (e.g. 700MHz) on one and then all 8 outputs at -10 dBm level. Switch RF power level on/off. Run by script.	2 weeks	Not started	
6		6	Generate a 700 MHz Radar Pulse for a 10% duty cycle and a Repetition rate of 1 kHz (1 ms). Then generate a single pulse of 100 ns (i.e. no repetition rate). First on one channel then on all 8 channels. Run Manual, then by script.	2 weeks	Not started	
7		7	Generate a Radar pulse at 500 MHz, 5 percent Duty cycle and 1 kHz repetition frequency at 0 dBm RF output power. Time delay channel 1 (H & V) at 0 us., Time delay Channel 2 (H&V) for 2 us, Time delay Channel 3 (H&V) for 5 usec and channel 4 (H&V) for 10 us. Run Manual, then by script. (note in air distance: 1usec - 300m)	2 weeks	Not started	
8		8	Generate two CW tones at 500 and 800 MHz, power output -10 dBm on channel 1 then all channels, script.	2 weeks	Not started	
9		1	Upload a TIQ file and replay the spectrum. Run from Taranta Dash Board.	2 weeks	Not started	
10		2	Upload a TIQ data file and replay on channel 1 with zero delay. On channel 2 with 2 usec delay, channel 3 with 4 usec and channel 4 with 8 useconds by script.	2 weeks	Not started	
11		3	Generate 3 CW tones, 300MHz @ -10dBm, 450 MHz @0 dBm and 550 MHz at -15 dBm, Generate random noise at -120dBm/Hz, time delay channels 3&4 with 10usec. First on one channel then on all 8 channels by script.	2 weeks	Not started	
12		4	Generate a CW tone at 500MHz and 0 dBm. Increase the CW frequency (Sweep) the CW tone from 500 - 700 MHz with a sweep rate of 1MHz/sec. first for one then all 8 channels by script.	2 weeks	Not started	