

Traceability Matrix, PPS Proposal Instructions

Chapter 49: NIRISS Engineering

Requirement #	Proposal, Visit, Exposure	Comment
Introduction		
Dark		
NSS0150	652 1	Dark Template exists
NSS0151	652 1.01	Field: Readout Pattern
NSS0152	652 1.01	Readout Pattern: NIS or NISRapid
NSS0153	652 1.01	Field: Number of Groups
NSS0154	652 1.01	Number of Groups, specify number
NSS0155	652 1.01	Field: Number of Integrations
NSS0156	652 1.01	Number of Integrations, specify number
Focus		
NSS0157	653 1	Focus Template exists
NSS0158	653 1	Field: Target Name
NSS0159	653 1	Target Name, choose from list
NSS0160	653 1	Field: Filter
NSS0161	653 1	Filter, choose from list
NSS0162	653 1	Field: Readout Pattern
NSS0163	653 1	Readout Pattern, choose from list
NSS0164	653 1	Field: Number of Groups
NSS0165	653 1	Number of Groups, specify number
NSS0166	653 1	Field: Number of Integrations
NSS0167	653 1	Number of Integrations, specify number
NSS0168	653 1	Field: Relative Position
NSS0169	653 1	Relative Position, specify array of 1-20 positions
49.2 Dark		
NSS0170	652 1	can be obtained as parallel observations
49.2.1 Readout Pattern		
NSS0171	652 1.01	NIS
NSS0172	652 1.02	NISRAPID
49.2.2 Number of Groups		
NSS0173	652 1.01	NUMBER OF GROUPS
NSS0174	652 1.05, 1.06 902 2.01, 2.02	NIS: 1-200 illegal
NSS0175	652 1.02, 1.07 902 2.03, 2.04	NISRAPID: 1-30 illegal
49.2.3 Number of Integrations		
NSS0176	652 1.01	NUMBER OF ITERATIONS
NSS0177	652 1.06, 1.04 902 1.05, 1.06	1-10 illegal
49.3 Focus		
NSS0178		Focus cannot be a parallel to normal science observations
49.3.1 Target Name		
49.3.2 Filter		
49.3.2.1 Filter Names		
NSS0179	653 5	F090W
NSS0180	653 3	F115W

NSS0181	653 6	F140M
NSS0182	653 2	F150W
NSS0183	653 7	F158M
NSS0184	653 8	F200W
NSS0185	653 9	F277W
NSS0186	653 10	F356W
NSS0187	653 11	F380M
NSS0188	653 1	F430M
NSS0189	653 12	F444W
NSS0190	653 4	F480M
49.3.2.2 Readout Pattern		
NSS0191	653 1	NIS
NSS0192	653 2	NISRAPID
49.3.2.3 Number of Groups		
NSS0193	653 1	NUMBER OF GROUPS
NSS0194	653 9	NUMBER OF GROUPS: NIS 1-200
	653 10	1
	902 3	200
	902 4	0
NSS0195	653 11	NUMBER OF GROUPS: NISRAPID 1-30
	653 12	1
	903 6	30
	903 5	0
49.3.2.4 Number of Integrations		
NSS0196	653 1	NUMBER OF ITERATIONS 1-10
NSS0197	653 1	1
	653 9	10
	902 4	0
	902 3	11
49.3.3 Relative Positions		
NSS0198	653 4	array of 1 to 20 positions
	902 7, 8	illegal, 0 positions, 21 positions
NSS0199	902 9	each position must be unique
NSS0200	653 4 #14	range minimum -10.04
	902 8 #13	illegal
NSS0201	653 4 #5	range maximum 10.04
	902 8 #5	illegal
NSS0202	653 4	focus sweep: enter 2 to 20 positions
NSS0203	653 2	reset focus, specify only 1 position
NSS0204	653 1	use default scan, select the checkbox
NSS0205	653 1	when default checkbox selected, relative position area inactive