One Tower Runs – EngineeringModel v5r0608p6

E2E	ID	Run ID	Events	Time	Trigger Rate	Errors	Description	TEM Diag	1 track (%)	Event Size (Kbytes)	Raw (MBytes)	Digi (MBytes)	Recon (GBytes)	Digi/Raw	Recon/Digi
1	1	135000894	156761	3601	43.5	8	Baseline: all settings nominal (as in flight)	OFF	79	308	46	59	1.4	1.28	24.3
	3	135001042	158666	3601	44.1	7	Baseline: all settings nominal (as in flight) except TEM diagnostics on	ON	80	324	49	63	1.4	1.29	22.8
2	3	135000896	157894	3601	43.8	9	Change only TKR DAC to 22	ON	78	339	51	64	1.4	1.25	22.4
	6	135000898	156809	3601	43.5	27	Read TKR from Right RC	ON	79	334	50	63	1.4	1.26	22.8
	7	135000900	157225	3601	43.7	20	Read TKR from Left RC	ON	79	333	50	60	1.4	1.20	23.9
3	1	135000902	155737	3601	43.2	7	Only TKR is allowed to open trigger window	ON	80	337	50	63	1.4	1.26	22.8
	2	135000904	1652	3606	0.5	3	Only CAL_LO set to 20 MeV is allowed to open window	ON	14	444	0.7	0.845	0.011	1.21	13.3
4	1	135000909	191588	3601	53.2	8	Overlay rate of 1 kHz	ON	63	334	61	67	1.4	1.10	21.4
	2	135000915	172201	3601	47.8	9	Overlay rate of 5 kHz	ON	63	335	55	61	1.2	1.11	20.1
	3	135000918	154559	3601	42.9	10	Overlay rate of 10 kHz	ON	63	332	49	55	1.1	1.12	20.5
	4	135000931	126848	3601	35.2	10	Overlay rate of 20 kHz	ON	63	331	40	46	0.943	1.15	21.0
	5	135000980	338433	55	6153.3	0	Americium Source	ON	14	304	98	75	0.321	0.77	4.4
	5	135000981	338199	56	6039.3	0	Americium Source	ON	14	304	98	75	0.319	0.77	4.4
	5	135000984	338070	56	6037.0	0	Americium Source	ON	15	304	98	76	0.33	0.78	4.4
	5	135000985	337624	56	6029.0	0	Americium Source	ON	15	304	98	76	0.33	0.78	4.4
	5	135001024	333081	64	5204.4	0	Americium Source	ON	3.4	318	101	57	0.136	0.56	2.4
	6	135000990	328933	303	1085.6	0	only allowed trigger is the pulse generator at 1 kHZ	ON	4.3	303	95	66	0.179	0.69	2.8
5	3	135000921	124945	3601	34.7	9	Overlay rate of 10 kHz and change only TKR DAC to 22	ON	78	336	40	53	1.1	1.33	21.3
	6	135000924	122336	3601	34.0	17	Overlay rate of 10 kHz and and read TKR from Right RC	ON	79	334	39	51	1.1	1.31	22.1
	7	135000926	121710	3601	33.8		Overlay rate of 10 kHz and read TKR from Left RC	ON	79	336	39	48	1.1	1.23	23.5
7	1	135000906	143123	3268	43.8	8	Zero suppression OFF	ON	79	711	97	154	1.3	1.59	8.6
8	6	135000911	54094	1740	31.1	4	Overlay rate of 1kHz, CAL 4 range, Zero Suppression OFF	ON	63	1861	96	110	0.4	1.15	3.7
	6	135000912	54096	1740	31.1	2	Overlay rate of 1kHz, CAL 4 range, Zero Suppression OFF	ON	63	1861	96	110	0.4	1.15	3.7
	6	135000913	3728	124	30.1	0	Overlay rate of 1kHz, CAL 4 range, Zero Suppression OFF	ON	63	1885	6.7	7.7	0.027	1.15	3.6
	8	135000929	23826	3601	6.6	3	Overlay rate of 10kHz, CAL 4 range, Zero Suppression OFF	ON	63	1848	42	49	0.178	1.17	3.7
9	1	135000945	142867	1565	91.3	751	VDG ON , nominal settings, Zero Suppression OFF	OFF	77	697	95	142	0.792	1.49	5.7
	1	135000946	141370	1395	101.3	672	VDG ON , nominal settings, Zero Suppression OFF	OFF	77	705	95	142	0.773	1.49	5.6
	1	135000947	57604	644	89.4	268	VDG ON , nominal settings, Zero Suppression OFF	OFF	77	1729	95	57	0.315	0.60	5.7
	2	~~135000949~~	284100	3601	78.9	1259	VDG ON , nominal settings, target at 2.5 cm from top of TKR	ON		0				#DIV/0!	#DIV/0!
	3	135000965	291875	3601	81.1	2453	VDG ON , nominal settings, target at 5.1 cm from top of TKR	ON	25	323	90	92	0.587	1.02	6.5
	4	135000968	234146	3601	65.0	2153	VDG ON , nominal settings, target at 7.6 cm from top of TKR	ON	78	322	72	75	1.3	1.04	17.7
	5	135000951	298603	3601	82.9	1435	VDG ON , nominal settings, overlay 1 kHz	ON	77	316	90	93	1.7	1.03	18.7
	6	135000956	288953	3601	80.2	1628	VDG ON , nominal settings, overlay 10 kHz	ON	67	319	88	91	1.4	1.03	15.8
	7	135000971	138953	3601	38.6	18	VDG ON , nominal settings, shoot from angle below top layer of CAL	ON	75	317	42	47	0.809	1.12	17.6
	8	~~135000975~~	170160	3601	47.3	3056	VDG ON , nominal settings, shoot from angle 10 cm above bottom of TKR	ON						#DIV/0!	#DIV/0!
B	1	135000933	314677	7201	43.7	17	all settings nominal, with Mu telescope,	OFF	79	310	93	119	2.8	1.28	24.1
	9	135000935	288470	6594	43.7	18	CAL High Energy muon gain, four range readout with Mu telescope	ON	79	360	99	122	2.6	1.23	21.8
	9	135000936	26942	609	44.2	1	CAL High Energy muon gain, four range readout with Mu telescope	ON	79	354	9.1	11	0.237	1.21	22.1
	11	135000954	101573	3601	28.2	13	CAL High Energy muon gain, four range readout, Horizontal	ON	77	341	33	44	0.603	1.33	14.0
	12	135000938	54031	1273	42.4	6	Zero suppression OFF, four range readout with Mu telescope	ON	79	1863	96	113	0.501	1.18	4.5
	12	135000939	54033	1274	42.4	1	Zero suppression OFF, four range readout with Mu telescope	ON	79	1863	96	113	0.503	1.18	4.6
	12	135000940	44508	1056	42.1	3	Zero suppression OFF, four range readout with Mu telescope	ON	79	1861	79	93	0.413	1.18	4.5

	2	135000904	1652	3606	0.5	3	Only CAL_LO set to 20 MeV is allowed to open window	ON	14	444	0.7	0.845	0.011	1.21	13.3
4	1	135000909	191588	3601	53.2	8	Overlay rate of 1 kHz	ON	63	334	61	67	1.4	1.10	21.4
	16	135000958	314930	3028	104.0	1652	VDG ON	ON	77	316	95	95	1.7	1.00	18.3
	16	135000959	316850	3060	103.5	1600	VDG ON, all settings nominal	ON	77	314	95	94	1.7	0.99	18.5
	16	135000960	314930	3067	102.7	1830	VDG ON, all settings nominal	ON	77	316	95	95	1.7	0.93	18.3
	16	135000961	311027	3181	97.8	2276	VDG ON, all settings nominal	ON	77	320	95	97	1.8	0.73	19.0
	16	135000962	190878	2070	92.2	1483	VDG ON, all settings nominal	ON	73	324	59	60	1	0.71	17.1