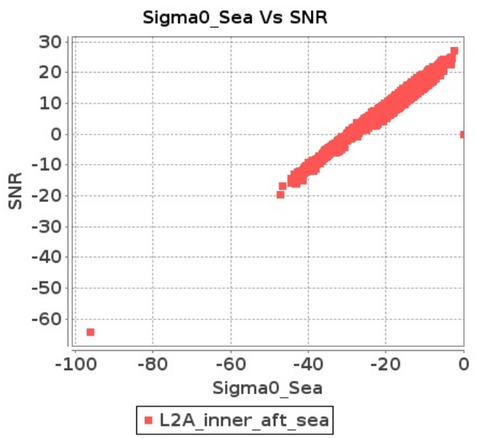
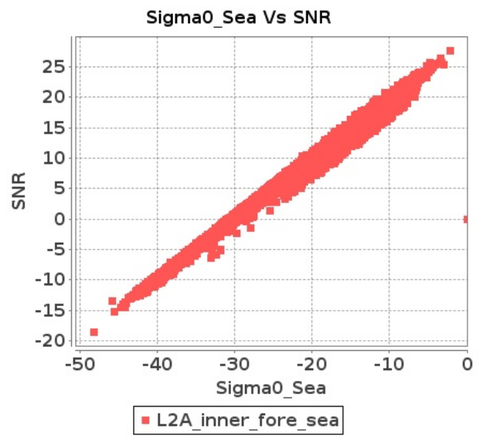
SCATSAT-1 Scatterometer Level-2A Data Quality Cycle wise Report

Report between 27-APR-2017 To 28-APR-2017

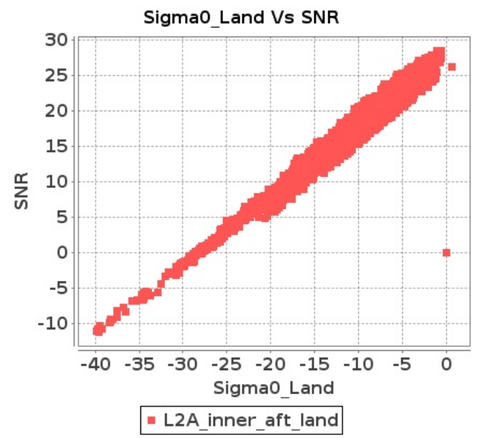
Inner Sea Aft Sigma0VsSNR



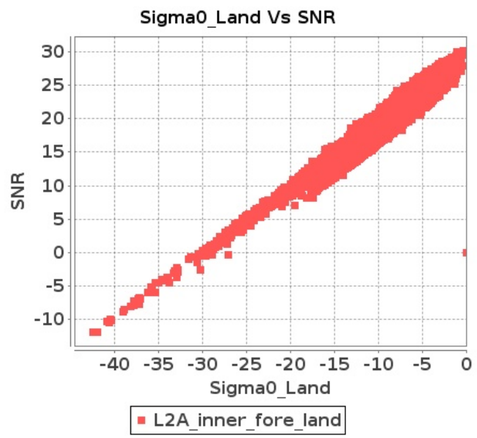
Inner Sea Fore Sigma0VsSNR



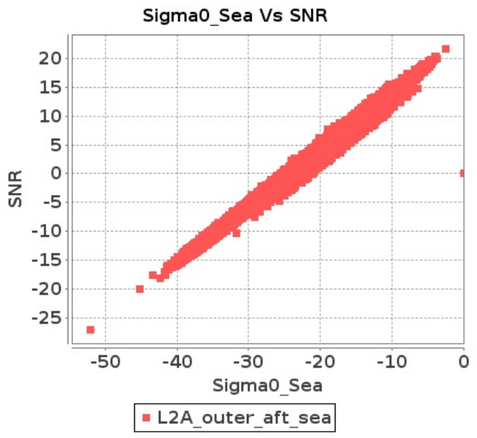
Inner Land Aft Sigma0VsSNR



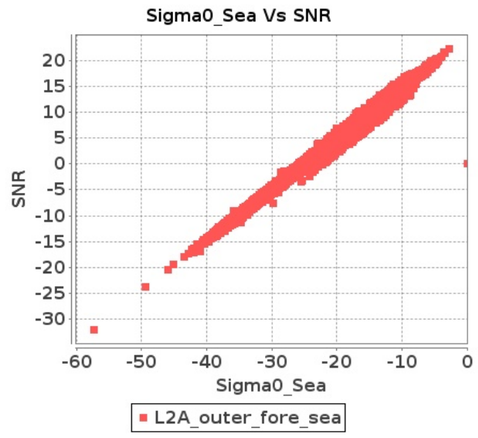
Inner Land Fore Sigma0VsSNR



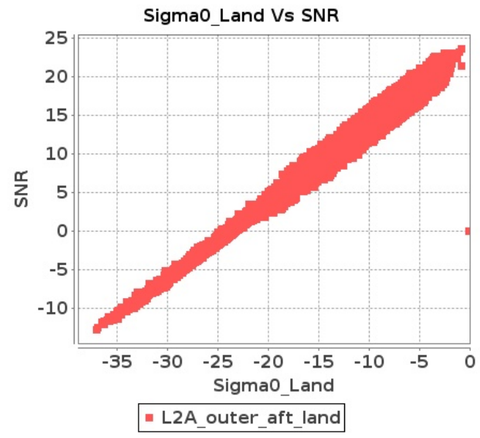
Outer Sea Aft Sigma0VsSNR



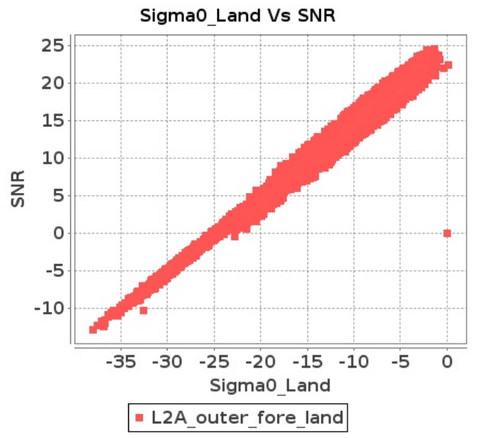
Outer Sea Fore Sigma0VsSNR



Outer Land Aft Sigma0VsSNR



Outer Land Fore Sigma0VsSNR



SCATSAT-1 Scatterometer Level-2A Data Quality Cycle wise Report

Report between 27-APR-2017 To 28-APR-2017

					SNR												Sigma0											
					Inner Aft			Inner Fore			Outer Aft			Outer Fore			Inner Aft			Inner Fore			Outer Aft			Outer Fore		
Sr No	Start Orbit	End Orbit	Dir.	Ver.	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)
1	3095	3096	SN	1	0.0	50.72	8.901	0.0	58.277	8.25	0.0	43.593	5.455	0.0	40.332	5.374	0.0	48.516	8.962	0.0	57.525	7.885	0.0	44.014	5.341	0.0	40.783	5.153
2	3096	3097	NS	1	0.0	39.122	1.649	0.0	39.189	1.36	0.0	44.571	1.207	0.0	40.259	1.15	0.0	40.649	1.337	0.0	40.312	1.118	0.0	43.212	1.06	0.0	37.928	0.99
3	3100	3101	SN	1	0.0	44.64	2.976	0.0	43.427	2.629	0.0	45.338	2.023	0.0	47.603	1.814	0.0	42.647	2.318	0.0	46.246	2.213	0.0	47.09	1.611	0.0	44.434	1.394
4	3100	3101	SN	1	0.0	44.64	2.977	0.0	43.427	2.658	0.0	45.338	2.016	0.0	47.603	1.835	0.0	42.647	2.319	0.0	46.246	2.237	0.0	47.09	1.611	0.0	44.434	1.411
5	3100	3101	SN	1	0.0	40.411	0.825	0.0	40.736	0.781	0.0	41.783	0.556	0.0	35.118	0.535	0.0	43.621	0.649	0.0	42.981	0.63	0.0	37.204	0.415	0.0	35.85	0.407
6	3100	3101	SN	1	0.0	40.411	0.825	0.0	40.736	0.775	0.0	41.783	0.556	0.0	35.118	0.529	0.0	43.621	0.649	0.0	42.981	0.623	0.0	37.204	0.415	0.0	35.85	0.403
7	3100	3101	SN	1	0.0	40.411	0.877	0.0	40.736	0.823	0.0	41.783	0.576	0.0	35.118	0.564	0.0	43.621	0.692	0.0	42.981	0.664	0.0	37.204	0.431	0.0	35.85	0.43
8	3100	3101	SN	1	0.0	44.64	3.148	0.0	43.427	2.799	0.0	45.338	2.05	0.0	47.603	1.895	0.0	42.647	2.468	0.0	46.246	2.356	0.0	47.09	1.649	0.0	44.434	1.486
9	3101	3102	NS	1	0.0	58.378	9.187	0.0	54.263	8.365	0.0	47.959	6.236	0.0	49.623	6.425	0.0	55.557	8.862	0.0	52.247	8.273	0.0	44.192	6.151	0.0	50.627	6.289
10	3101	3102	SN	1	0.0	45.316	7.33	0.0	51.207	7.323	0.0	49.233	4.845	0.0	49.153	4.917	0.0	47.592	7.051	0.0	52.166	6.898	0.0	51.142	4.519	0.0	47.197	4.517
11	3101	3102	NS	1	0.0	48.816	2.87	0.0	49.292	2.575	0.0	40.917	1.889	0.0	43.915	1.833	0.0	47.017	2.721	0.0	51.185	2.424	0.0	40.639	1.864	0.0	47.349	1.776
12	3101	3102	SN	1	0.0	45.316	7.18	0.0	51.207	7.255	0.0	49.233	4.741	0.0	49.153	4.865	0.0	47.592	6.906	0.0	52.166	6.834	0.0	51.142	4.422	0.0	47.197	4.469
13	3101	3102	NS	1	0.0	48.492	2.753	0.0	49.908	2.494	0.0	44.021	1.826	0.0	46.75	1.872	0.0	48.878	2.638	0.0	48.037	2.394	0.0	41.712	1.707	0.0	43.121	1.853
14	3101	3102	SN	1	0.0	48.444	2.232	0.0	43.311	2.094	0.0	50.004	1.38	0.0	45.107	1.5	0.0	46.765	2.097	0.0	43.914	2.018	0.0	48.712	1.362	0.0	42.536	1.373
15	3101	3102	SN	1	0.0	48.444	2.281	0.0	43.311	2.116	0.0	50.004	1.41	0.0	45.107	1.514	0.0	46.765	2.143	0.0	43.914	2.04	0.0	48.712	1.394	0.0	42.536	1.387
16	3101	3102	NS	1	0.0	57.838	8.978	0.0	52.067	8.464	0.0	44.161	6.294	0.0	49.06	6.004	0.0	55.436	8.847	0.0	52.444	8.25	0.0	44.746	6.081	0.0	50.765	5.94
17	3101	3102	SN	1	0.0	48.444	2.232	0.0	43.311	2.07	0.0	50.004	1.38	0.0	45.107	1.483	0.0	46.765	2.097	0.0	43.914	1.996	0.0	48.712	1.364	0.0	42.536	1.357
18	3101	3102	SN	1	0.0	45.316	7.177	0.0	51.207	7.174	0.0	49.233	4.741	0.0	49.153	4.816	0.0	47.592	6.904	0.0	52.166	6.758	0.0	51.142	4.422	0.0	47.197	4.425
19	3102	3103	SN	1	0.0	44.137	6.744	0.0	49.549	5.366	0.0	48.37	4.699	0.0	44.229	5.188	0.0	45.631	5.994	0.0	47.645	5.058	0.0	46.027	4.308	0.0	44.683	4.749
20	3102	3103	SN	1	0.0	42.897	2.237	0.0	49.741	1.886	0.0	39.806	1.702	0.0	40.285	1.841	0.0	38.874	1.993	0.0	47.244	1.696	0.0	41.354	1.518	0.0	38.709	1.642
21	3102	3103	NS	1	0.0	52.001	6.247	0.0	55.147	4.619	0.0	39.792	4.011	0.0	44.925	3.565	0.0	49.19	5.496	0.0	57.568	3.838	0.0	41.028	3.591	0.0	41.642	2.959
22	3102	3103	NS	1	0.0	44.312	6.145	0.0	47.063	4.497	0.0	39.818	3.961	0.0	47.024	3.522	0.0	45.09	5.446	0.0	46.48	3.736	0.0	41.147	3.549	0.0	43.741	2.959
23	3102	3103	SN	1	0.0	44.92	6.918	0.0	49.881	5.426	0.0	48.514	4.724	0.0	44.083	5.174	0.0	46.825	6.138	0.0	47.977	5.056	0.0	46.024	4.314	0.0	44.535	4.741
24	3102	3103	SN	1	0.0	42.47	2.287	0.0	49.741	1.866	0.0	37.785	1.675	0.0	39.402	1.848	0.0	38.445	2.038	0.0	47.246	1.699	0.0	37.479	1.524	0.0	38.203	1.655
25	3102	3103	NS	1	0.0	42.754	1.888	0.0	44.21	1.385	0.0	40.405	1.258	0.0	36.771	1.086	0.0	45.09	1.662	0.0	42.641	1.145	0.0	41.38	1.044	0.0	35.79	0.844
26	3102	3103	NS	1	0.0	43.386	1.9	0.0	52.296	1.394	0.0	37.705	1.255	0.0	37.423	1.09	0.0	42.476	1.66	0.0	51.158	1.15	0.0	37.295	1.036	0.0	35.251	0.848
27	3103	3104	SN	1	0.0	43.058	2.338	0.0	39.925	2.206	0.0	46.248	1.982	0.0	38.774	1.839	0.0	42.566	1.993	0.0	37.843	1.985	0.0	42.084	1.81	0.0	35.509	1.721
28	3103	3104	SN	1	0.0	43.058	2.381	0.0	39.925	2.222	0.0	46.248	2.021	0.0	38.774	1.854	0.0	42.566	2.029	0.0	37.843	1.999	0.0	42.084	1.845	0.0	35.509	1.735
29	3103	3104	NS	1	0.0	43.482	6.158	0.0	48.003	4.953	0.0	40.332	4.481	0.0	42.233	4.307	0.0	43.104	5.702	0.0	47.948	4.771	0.0	40.405	4.36	0.0	41.507	4.207
30	3103	3104	SN	1	0.0	41.871	6.439	0.0	42.722	6.26	0.0	41.178	5.677	0.0	43.055	5.536	0.0	42.073	5.801	0.0	45.357	5.819	0.0	38.982	5.4	0.0	45.592	5.521
31	3103	3104	NS	1	0.0	47.278	2.316	0.0	48.463	1.706	0.0	37.328	1.557	0.0	54.635	1.476	0.0	48.37	2.09	0.0	49.779	1.661	0.0	38.128	1.455	0.0	49.794	1.355

Parameter Specifications	Parameters	SNR	Sigma0
	Range	20.0	20.0

Normal Deviations

Alarming High Errors

32	3103	3104	SN	1	0.0	41.871	6.559	0.0	42.722	6.291	0.0	41.178	5.79	0.0	43.055	5.579	0.0	42.073	5.91	0.0	45.357	5.857	0.0	38.982	5.507	0.0	45.592	5.557
33	3104	3105	SN	1	0.0	40.739	2.521	0.0	49.484	2.193	0.0	37.027	1.718	0.0	42.533	1.927	0.0	39.209	2.07	0.0	50.129	1.949	0.0	39.673	1.562	0.0	40.617	1.657
34	3104	3105	NS	1	0.0	43.511	1.204	0.0	45.606	1.188	0.0	41.559	0.962	0.0	45.129	0.932	0.0	48.174	1.057	0.0	43.443	1.064	0.0	41.66	0.864	0.0	43.235	0.85
35	3104	3105	SN	1	0.0	40.739	2.521	0.0	49.484	2.218	0.0	37.027	1.718	0.0	42.533	1.949	0.0	39.209	2.07	0.0	50.129	1.971	0.0	39.673	1.562	0.0	40.617	1.676
36	3104	3105	SN	1	0.0	47.901	6.943	0.0	46.84	5.764	0.0	39.379	5.478	0.0	45.649	5.785	0.0	48.791	6.184	0.0	48.524	5.176	0.0	38.52	5.095	0.0	45.919	5.223
37	3104	3105	NS	1	0.0	45.48	4.382	0.0	46.846	3.96	0.0	48.333	3.499	0.0	47.456	3.451	0.0	45.121	3.753	0.0	50.996	3.463	0.0	47.026	3.122	0.0	45.435	3.137
38	3104	3105	SN	1	0.0	47.901	6.945	0.0	46.84	5.818	0.0	39.379	5.478	0.0	45.649	5.845	0.0	48.791	6.186	0.0	48.524	5.223	0.0	38.52	5.095	0.0	45.919	5.276
39	3105	3106	SN	1	0.0	40.931	1.919	0.0	41.492	1.407	0.0	40.476	1.396	0.0	36.802	1.221	0.0	40.668	1.641	0.0	44.592	1.278	0.0	37.017	1.277	0.0	35.611	1.075
40	3105	3106	NS	1	0.0	47.689	7.369	0.0	52.651	7.085	0.0	45.012	5.688	0.0	44.857	6.447	0.0	48.25	7.481	0.0	50.8	6.953	0.0	47.81	5.425	0.0	44.927	6.112
41	3105	3106	SN	1	0.0	43.791	5.348	0.0	50.793	4.191	0.0	40.603	4.17	0.0	42.368	3.351	0.0	45.375	4.741	0.0	48.479	3.714	0.0	41.049	3.666	0.0	40.578	3.017
42	3105	3106	NS	1	0.0	46.019	2.714	0.0	48.653	2.465	0.0	41.008	1.749	0.0	46.033	1.924	0.0	43.879	2.567	0.0	48.25	2.37	0.0	42.783	1.664	0.0	43.502	1.824
43	3105	3106	SN	1	0.0	43.791	5.344	0.0	50.793	4.193	0.0	40.603	4.165	0.0	42.368	3.351	0.0	45.375	4.737	0.0	48.479	3.716	0.0	41.049	3.661	0.0	40.578	3.017
44	3105	3106	SN	1	0.0	40.931	1.919	0.0	41.492	1.423	0.0	40.476	1.396	0.0	36.802	1.233	0.0	40.668	1.641	0.0	44.592	1.293	0.0	37.017	1.277	0.0	35.611	1.086
45	3105	3106	SN	1	0.0	43.791	5.346	0.0	50.793	4.238	0.0	40.603	4.165	0.0	42.368	3.39	0.0	45.375	4.739	0.0	48.479	3.756	0.0	41.049	3.661	0.0	40.578	3.052
46	3105	3106	SN	1	0.0	40.931	1.92	0.0	41.492	1.407	0.0	40.476	1.395	0.0	36.802	1.221	0.0	40.668	1.643	0.0	44.592	1.278	0.0	37.017	1.278	0.0	35.611	1.075
47	3106	3107	SN	1	0.0	52.748	9.035	0.0	52.026	8.64	0.0	46.718	6.279	0.0	48.157	6.555	0.0	56.31	8.023	0.0	52.053	7.838	0.0	45.336	5.584	0.0	47.17	5.651
48	3106	3107	SN	1	0.0	48.065	2.937	0.0	45.697	2.546	0.0	47.904	1.965	0.0	43.437	1.894	0.0	48.32	2.495	0.0	45.652	2.305	0.0	43.73	1.732	0.0	40.85	1.651
49	3106	3107	SN	1	0.0	47.744	2.903	0.0	50.231	2.597	0.0	42.564	1.956	0.0	43.437	1.919	0.0	47.996	2.452	0.0	49.629	2.337	0.0	40.444	1.712	0.0	39.109	1.651
50	3106	3107	NS	1	0.0	50.298	2.273	0.0	48.345	2.028	0.0	40.808	1.556	0.0	41.962	1.426	0.0	48.182	1.986	0.0	46.527	1.849	0.0	37.885	1.334	0.0	37.839	1.2
51	3106	3107	NS	1	0.0	45.265	2.255	0.0	48.085	2.017	0.0	41.656	1.579	0.0	43.359	1.415	0.0	48.388	1.959	0.0	46.459	1.827	0.0	38.219	1.366	0.0	45.543	1.204
52	3106	3107	SN	1	0.0	47.744	2.972	0.0	50.231	2.62	0.0	42.564	2.0	0.0	43.437	1.939	0.0	47.996	2.513	0.0	49.629	2.365	0.0	40.444	1.75	0.0	39.109	1.67
53	3106	3107	SN	1	0.0	57.162	9.089	0.0	54.272	8.839	0.0	46.828	6.322	0.0	48.235	6.653	0.0	57.229	8.077	0.0	53.258	7.997	0.0	45.752	5.747	0.0	47.247	5.645
54	3106	3107	NS	1	0.0	52.36	6.475	0.0	56.817	5.511	0.0	44.634	4.909	0.0	43.683	4.771	0.0	54.485	5.856	0.0	53.755	4.982	0.0	46.403	4.575	0.0	42.076	4.122
55	3106	3107	NS	1	0.0	52.779	6.435	0.0	53.311	5.531	0.0	42.621	5.001	0.0	43.819	4.771	0.0	54.485	5.815	0.0	54.127	4.982	0.0	45.964	4.567	0.0	45.574	4.136
56	3106	3107	SN	1	0.0	57.162	9.296	0.0	54.272	8.912	0.0	46.828	6.465	0.0	48.235	6.732	0.0	57.229	8.27	0.0	53.258	8.06	0.0	45.752	5.883	0.0	47.247	5.705
57	3107	3108	SN	1	0.0	53.699	3.771	0.0	54.526	3.807	0.0	48.16	2.335	0.0	43.876	2.462	0.0	51.562	3.825	0.0	54.256	3.775	0.0	45.571	2.378	0.0	44.244	2.46
58	3107	3108	NS	1	0.0	41.293	1.559	0.0	44.374	1.344	0.0	38.878	1.245	0.0	37.702	1.046	0.0	41.429	1.245	0.0	45.992	1.136	0.0	39.736	1.053	0.0	35.399	0.857
59	3107	3108	NS	1	0.0	44.243	1.528	0.0	45.451	1.335	0.0	38.827	1.257	0.0	37.974	1.046	0.0	42.426	1.245	0.0	45.726	1.134	0.0	38.526	1.058	0.0	35.712	0.845
60	3107	3108	SN	1	0.0	50.324	3.739	0.0	53.441	3.849	0.0	43.904	2.344	0.0	44.956	2.504	0.0	50.983	3.813	0.0	53.315	3.826	0.0	48.957	2.38	0.0	42.827	2.479
61	3107	3108	NS	1	0.0	52.245	4.973	0.0	53.43	4.251	0.0	41.678	3.941	0.0	39.832	3.102	0.0	52.7	4.11	0.0	50.983	3.508	0.0	41.995	3.457	0.0	41.039	2.696
62	3107	3108	NS	1	0.0	50.346	4.983	0.0	48.741	4.281	0.0	40.836	3.998	0.0	40.159	3.131	0.0	50.797	4.171	0.0	48.763	3.518	0.0	41.154	3.45	0.0	41.18	2.703
63	3107	3108	SN	1	0.0	54.807	12.675	0.0	56.391	12.007	0.0	49.453	8.734	0.0	49.072	8.614	0.0	55.645	12.752	0.0	52.587	12.118	0.0	50.893	9.067	0.0	47.139	8.963
64	3107	3108	SN	1	0.0	54.807	11.872	0.0	56.391	11.548	0.0	49.453	8.11	0.0	49.072	8.245	0.0	55.645	11.913	0.0	52.587	11.538	0.0	50.893	8.401	0.0	47.139	8.497
65	3107	3108	SN	1	0.0	55.438	11.878	0.0	56.391	11.443	0.0	50.59	8.103	0.0	49.916	8.149	0.0	56.276	11.999	0.0	52.52	11.453	0.0	50.951	8.337	0.0	47.81	8.335
66	3107	3108	SN	1	0.0	50.324	4.025	0.0	53.441	4.039	0.0	43.904	2.526	0.0	44.956	2.643	0.0	50.983	4.118	0.0	53.315	4.032	0.0	48.957	2.576	0.0	42.827	2.623
67	3108	3109	NS	1	0.0	49.142	5.207	0.0	51.274	4.861	0.0	42.544	3.329	0.0	43.373	3.744	0.0	47.797	4.608	0.0	51.745	4.118	0.0	41.329	3.116	0.0	41.858	3.337

Parameter Specifications	Parameters	SNR	Sigma0
	Range	20.0	20.0

Normal
Deviations
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High Errors

68	3108	3109	SN	1	0.0	49.665	2.377	0.0	44.481	2.225	0.0	46.757	1.768	0.0	44.195	1.702	0.0	51.372	2.249	0.0	44.265	2.047	0.0	45.851	1.685	0.0	46.833	1.562
69	3108	3109	SN	1	0.0	48.997	7.412	0.0	55.124	6.303	0.0	50.771	5.751	0.0	45.644	5.274	0.0	49.021	6.592	0.0	52.08	5.998	0.0	51.121	5.36	0.0	47.54	4.762
70	3108	3109	SN	1	0.0	48.873	7.29	0.0	48.772	6.282	0.0	44.653	5.702	0.0	53.888	5.317	0.0	48.585	6.582	0.0	48.737	5.998	0.0	43.113	5.297	0.0	52.892	4.84
71	3108	3109	NS	1	0.0	49.648	1.681	0.0	45.731	1.297	0.0	41.608	1.053	0.0	37.425	1.161	0.0	50.31	1.392	0.0	46.437	1.138	0.0	40.133	0.911	0.0	36.468	0.996
72	3108	3109	NS	1	0.0	43.582	1.704	0.0	44.606	1.342	0.0	40.972	1.067	0.0	38.084	1.179	0.0	43.421	1.374	0.0	46.129	1.157	0.0	39.495	0.934	0.0	38.334	0.974
73	3108	3109	SN	1	0.0	48.09	2.377	0.0	54.606	2.266	0.0	40.493	1.724	0.0	41.883	1.704	0.0	48.233	2.226	0.0	51.291	2.076	0.0	40.321	1.674	0.0	46.835	1.546
74	3108	3109	NS	1	0.0	51.006	5.237	0.0	51.187	4.84	0.0	41.314	3.379	0.0	43.373	3.73	0.0	52.26	4.557	0.0	51.658	4.108	0.0	42.657	3.094	0.0	41.136	3.337
75	3109	3110	NS	1	0.0	52.66	6.918	0.0	44.933	5.38	0.0	43.61	4.516	0.0	43.881	4.515	0.0	53.216	5.954	0.0	48.296	4.862	0.0	45.027	4.224	0.0	43.953	3.916
76	3109	3110	NS	1	0.0	52.66	6.918	0.0	44.933	5.38	0.0	43.61	4.516	0.0	43.881	4.515	0.0	53.216	5.954	0.0	48.296	4.862	0.0	45.027	4.224	0.0	43.953	3.916
77	3109	3110	NS	1	0.0	51.203	2.252	0.0	52.414	1.623	0.0	43.547	1.468	0.0	43.726	1.281	0.0	51.629	1.805	0.0	54.607	1.365	0.0	45.969	1.29	0.0	40.596	1.158
78	3109	3110	NS	1	0.0	51.203	2.252	0.0	52.414	1.623	0.0	43.547	1.468	0.0	43.726	1.281	0.0	51.629	1.805	0.0	54.607	1.365	0.0	45.969	1.29	0.0	40.596	1.158

Parameter Specifications	Parameters	SNR	Sigma0
	Range	20.0	20.0

Normal
Deviations
Alarming
High Errors

					Azimuth Angle												Incidence Angle											
					Inner Aft			Inner Fore			Outer Aft			Outer Fore			Inner Aft			Inner Fore			Outer Aft			Outer Fore		
Sr No	Start Orbit	End Orbit	Dir.	Ver.	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)
1	3095	3096	SN	1	0.0	30.708	15.889	0.0	26.753	14.928	0.0	146.936	13.473	0.0	70.939	13.459	0.0	1.904	0.0	0.0	1.926	0.0	0.0	2.048	0.0	0.0	2.072	0.0
2	3096	3097	NS	1	0.0	25.97	8.716	0.0	25.904	8.653	0.0	355.406	2.292	0.0	39.09	2.638	0.0	1.893	0.0	0.0	1.893	0.0	0.0	2.025	0.0	0.0	2.013	0.0
3	3100	3101	SN	1	0.0	30.702	15.862	0.0	26.759	15.036	0.0	192.098	13.435	0.0	77.99	13.339	0.0	1.901	0.0	0.0	1.923	0.0	0.0	2.049	0.0	0.0	2.075	0.0
4	3100	3101	SN	1	0.0	30.426	15.868	0.0	26.759	15.064	0.0	192.098	13.435	0.0	77.99	13.451	0.0	1.901	0.0	0.0	1.923	0.0	0.0	2.049	0.0	0.0	2.075	0.0
5	3100	3101	SN	1	0.0	24.762	9.304	0.0	26.18	9.304	0.0	194.779	3.569	0.0	84.258	3.569	0.0	1.898	0.0	0.0	1.921	0.0	0.0	2.043	0.0	0.0	2.077	0.0
6	3100	3101	SN	1	0.0	24.762	9.31	0.0	26.18	9.269	0.0	194.779	3.569	0.0	84.258	3.53	0.0	1.898	0.0	0.0	1.921	0.0	0.0	2.043	0.0	0.0	2.077	0.0
7	3100	3101	SN	1	0.0	24.762	9.5	0.0	26.18	9.241	0.0	194.779	3.773	0.0	13.01	3.486	0.0	1.898	0.0	0.0	1.921	0.0	0.0	2.043	0.0	0.0	2.077	0.0
8	3100	3101	SN	1	0.0	30.702	15.964	0.0	26.759	14.577	0.0	192.098	13.959	0.0	14.3	12.62	0.0	1.901	0.0	0.0	1.923	0.0	0.0	2.049	0.0	0.0	2.075	0.0
9	3101	3102	NS	1	0.0	25.033	15.027	0.0	30.007	15.408	0.0	355.682	11.079	0.0	46.072	12.215	0.0	1.903	0.0	0.0	1.901	0.0	0.0	2.03	0.0	0.0	2.021	0.0
10	3101	3102	SN	1	0.0	31.027	15.848	0.0	134.751	14.801	0.0	177.522	13.608	0.0	15.668	13.015	0.0	1.901	0.0	0.0	1.921	0.0	0.0	2.05	0.0	0.0	2.071	0.0
11	3101	3102	NS	1	0.0	25.976	8.489	0.0	25.915	8.701	0.0	355.798	2.315	0.0	60.93	2.658	0.0	1.893	0.0	0.0	1.895	0.0	0.0	2.027	0.0	0.0	2.014	0.0
12	3101	3102	SN	1	0.0	30.448	15.828	0.0	134.751	15.023	0.0	177.522	13.429	0.0	79.165	13.494	0.0	1.901	0.0	0.0	1.921	0.0	0.0	2.05	0.0	0.0	2.071	0.0
13	3101	3102	NS	1	0.0	25.976	8.494	0.0	25.909	8.72	0.0	345.744	2.323	0.0	45.002	2.645	0.0	1.893	0.0	0.0	1.895	0.0	0.0	2.026	0.0	0.0	2.013	0.0
14	3101	3102	SN	1	0.0	24.779	9.299	0.0	133.058	9.345	0.0	187.201	3.596	0.0	143.112	3.57	0.0	1.894	0.0	0.0	1.922	0.0	0.0	2.043	0.0	0.0	2.075	0.0
15	3101	3102	SN	1	0.0	24.779	9.379	0.0	133.058	9.292	0.0	187.201	3.664	0.0	13.032	3.418	0.0	1.894	0.0	0.0	1.922	0.0	0.0	2.043	0.0	0.0	2.075	0.0
16	3101	3102	NS	1	0.0	25.215	15.025	0.0	32.803	15.373	0.0	357.242	11.067	0.0	49.194	12.187	0.0	1.903	0.0	0.0	1.901	0.0	0.0	2.031	0.0	0.0	2.022	0.0
17	3101	3102	SN	1	0.0	24.779	9.304	0.0	133.058	9.312	0.0	187.201	3.596	0.0	143.101	3.53	0.0	1.894	0.0	0.0	1.922	0.0	0.0	2.043	0.0	0.0	2.075	0.0
18	3101	3102	SN	1	0.0	31.027	15.821	0.0	134.751	14.987	0.0	177.522	13.429	0.0	79.16	13.381	0.0	1.901	0.0	0.0	1.921	0.0	0.0	2.05	0.0	0.0	2.071	0.0
19	3102	3103	SN	1	0.0	30.415	15.887	0.0	26.77	14.989	0.0	177.412	13.415	0.0	79.788	13.507	0.0	1.898	0.0	0.0	1.924	0.0	0.0	2.049	0.0	0.0	2.063	0.0
20	3102	3103	SN	1	0.0	24.768	9.331	0.0	26.202	9.345	0.0	185.205	3.55	0.0	145.069	3.578	0.0	1.894	0.0	0.0	1.921	0.0	0.0	2.043	0.0	0.0	2.078	0.0
21	3102	3103	NS	1	0.0	25.016	15.019	0.0	30.04	15.391	0.0	355.77	11.115	0.0	50.22	12.157	0.0	1.903	0.0	0.0	1.903	0.0	0.0	2.03	0.0	0.0	2.019	0.0
22	3102	3103	NS	1	0.0	25.011	15.019	0.0	30.04	15.381	0.0	355.77	11.144	0.0	50.236	12.15	0.0	1.902	0.0	0.0	1.903	0.0	0.0	2.03	0.0	0.0	2.019	0.0
23	3102	3103	SN	1	0.0	30.912	15.9	0.0	26.77	14.839	0.0	177.445	13.546	0.0	18.966	13.186	0.0	1.898	0.0	0.0	1.924	0.0	0.0	2.049	0.0	0.0	2.063	0.0
24	3102	3103	SN	1	0.0	24.768	9.368	0.0	26.202	9.317	0.0	185.265	3.597	0.0	13.054	3.431	0.0	1.894	0.0	0.0	1.921	0.0	0.0	2.043	0.0	0.0	2.079	0.0
25	3102	3103	NS	1	0.0	25.97	8.597	0.0	25.909	8.686	0.0	346.185	2.32	0.0	45.383	2.654	0.0	1.893	0.0	0.0	1.894	0.0	0.0	2.025	0.0	0.0	2.012	0.0
26	3102	3103	NS	1	0.0	25.97	8.599	0.0	25.909	8.681	0.0	346.179	2.318	0.0	45.372	2.654	0.0	1.893	0.0	0.0	1.894	0.0	0.0	2.025	0.0	0.0	2.012	0.0
27	3103	3104	SN	1	0.0	24.773	9.338	0.0	26.196	9.35	0.0	191.994	3.552	0.0	91.447	3.596	0.0	1.897	0.0	0.0	1.921	0.0	0.0	2.044	0.0	0.0	2.077	0.0
28	3103	3104	SN	1	0.0	24.773	9.409	0.0	26.196	9.307	0.0	191.994	3.608	0.0	13.026	3.441	0.0	1.897	0.0	0.0	1.921	0.0	0.0	2.044	0.0	0.0	2.077	0.0
29	3103	3104	NS	1	0.0	25.016	15.096	0.0	30.051	15.418	0.0	355.88	11.053	0.0	50.523	12.157	0.0	1.903	0.0	0.0	1.901	0.0	0.0	2.031	0.0	0.0	2.019	0.0
30	3103	3104	SN	1	0.0	33.25	15.924	0.0	26.786	14.984	0.0	172.983	13.496	0.0	68.419	13.475	0.0	1.903	0.0	0.0	1.923	0.0	0.0	2.05	0.0	0.0	2.094	0.0
31	3103	3104	NS	1	0.0	25.97	8.695	0.0	25.909	8.658	0.0	302.804	2.306	0.0	45.714	2.633	0.0	1.892	0.0	0.0	1.895	0.0	0.0	2.025	0.0	0.0	2.014	0.0

Parameter Specifications	Parameters	Azi.Angle	Inci.Angle
	Range	10.0	3.0

Normal
Alarming
Deviations
High Errors

32	3103	3104	SN	1	0.0	33.25	15.955	0.0	26.786	14.68	0.0	172.983	13.656	0.0	16.964	13.034	0.0	1.903	0.0	0.0	1.923	0.0	0.0	2.05	0.0	0.0	2.094	0.0
33	3104	3105	SN	1	0.0	24.773	9.334	0.0	26.196	9.342	0.0	242.368	3.526	0.0	86.952	3.558	0.0	1.896	0.0	0.0	1.925	0.0	0.0	2.044	0.0	0.0	2.079	0.0
34	3104	3105	NS	1	0.0	25.97	8.702	0.0	25.909	8.67	0.0	351.126	2.291	0.0	46.188	2.628	0.0	1.893	0.0	0.0	1.895	0.0	0.0	2.025	0.0	0.0	2.014	0.0
35	3104	3105	SN	1	0.0	24.773	9.327	0.0	26.196	9.375	0.0	242.368	3.526	0.0	86.952	3.598	0.0	1.896	0.0	0.0	1.925	0.0	0.0	2.044	0.0	0.0	2.079	0.0
36	3104	3105	SN	1	0.0	33.272	15.919	0.0	26.742	14.918	0.0	190.086	13.524	0.0	69.958	13.398	0.0	1.902	0.0	0.0	1.916	0.0	0.0	2.05	0.0	0.0	2.096	0.0
37	3104	3105	NS	1	0.0	25.033	15.054	0.0	30.25	15.333	0.0	357.391	11.017	0.0	50.992	12.106	0.0	1.903	0.0	0.0	1.892	0.0	0.0	2.029	0.0	0.0	2.02	0.0
38	3104	3105	SN	1	0.0	33.272	15.926	0.0	26.742	14.962	0.0	190.086	13.524	0.0	69.958	13.519	0.0	1.902	0.0	0.0	1.916	0.0	0.0	2.05	0.0	0.0	2.096	0.0
39	3105	3106	SN	1	0.0	24.773	9.334	0.0	26.185	9.325	0.0	154.569	3.615	0.0	143.917	3.556	0.0	1.899	0.0	0.0	1.922	0.0	0.0	2.043	0.0	0.0	2.08	0.0
40	3105	3106	NS	1	0.0	25.005	15.063	0.0	33.487	15.36	0.0	349.858	11.028	0.0	52.712	12.145	0.0	1.903	0.0	0.0	1.901	0.0	0.0	2.03	0.0	0.0	2.02	0.0
41	3105	3106	SN	1	0.0	33.283	15.914	0.0	26.748	14.979	0.0	306.113	13.555	0.0	76.283	13.355	0.0	1.904	0.0	0.0	1.928	0.0	0.0	2.052	0.0	0.0	2.093	0.0
42	3105	3106	NS	1	0.0	25.97	8.675	0.0	25.921	8.658	0.0	349.003	2.296	0.0	41.666	2.646	0.0	1.894	0.0	0.0	1.896	0.0	0.0	2.025	0.0	0.0	2.012	0.0
43	3105	3106	SN	1	0.0	33.283	15.901	0.0	26.748	14.975	0.0	306.113	13.539	0.0	76.295	13.355	0.0	1.904	0.0	0.0	1.928	0.0	0.0	2.052	0.0	0.0	2.093	0.0
44	3105	3106	SN	1	0.0	24.773	9.327	0.0	26.185	9.359	0.0	154.569	3.615	0.0	143.917	3.596	0.0	1.899	0.0	0.0	1.922	0.0	0.0	2.043	0.0	0.0	2.08	0.0
45	3105	3106	SN	1	0.0	33.283	15.907	0.0	26.748	15.023	0.0	306.113	13.539	0.0	76.295	13.474	0.0	1.904	0.0	0.0	1.928	0.0	0.0	2.052	0.0	0.0	2.093	0.0
46	3105	3106	SN	1	0.0	24.773	9.336	0.0	26.185	9.323	0.0	154.569	3.618	0.0	143.884	3.556	0.0	1.899	0.0	0.0	1.922	0.0	0.0	2.043	0.0	0.0	2.08	0.0
47	3106	3107	SN	1	0.0	30.509	15.783	0.0	26.748	14.946	0.0	190.574	13.516	0.0	87.28	13.352	0.0	1.906	0.0	0.0	1.922	0.0	0.0	2.05	0.0	0.0	2.075	0.0
48	3106	3107	SN	1	0.0	24.779	9.351	0.0	26.174	9.309	0.0	185.006	3.612	0.0	84.686	3.545	0.0	1.895	0.0	0.0	1.905	0.0	0.0	2.044	0.0	0.0	2.079	0.0
49	3106	3107	SN	1	0.0	24.779	9.337	0.0	26.174	9.341	0.0	184.957	3.608	0.0	84.73	3.581	0.0	1.894	0.0	0.0	1.901	0.0	0.0	2.044	0.0	0.0	2.079	0.0
50	3106	3107	NS	1	0.0	25.976	8.556	0.0	25.926	8.696	0.0	345.573	2.305	0.0	43.133	2.669	0.0	1.892	0.0	0.0	1.896	0.0	0.0	2.027	0.0	0.0	2.013	0.0
51	3106	3107	NS	1	0.0	25.976	8.54	0.0	25.926	8.703	0.0	345.584	2.301	0.0	43.144	2.671	0.0	1.892	0.0	0.0	1.896	0.0	0.0	2.027	0.0	0.0	2.013	0.0
52	3106	3107	SN	1	0.0	24.779	9.434	0.0	26.174	9.297	0.0	184.957	3.684	0.0	13.037	3.436	0.0	1.894	0.0	0.0	1.901	0.0	0.0	2.044	0.0	0.0	2.079	0.0
53	3106	3107	SN	1	0.0	30.41	15.8	0.0	26.748	14.978	0.0	190.623	13.523	0.0	87.319	13.501	0.0	1.906	0.0	0.0	1.923	0.0	0.0	2.05	0.0	0.0	2.076	0.0
54	3106	3107	NS	1	0.0	25.016	15.051	0.0	33.504	15.363	0.0	350.266	11.034	0.0	53.484	12.195	0.0	1.902	0.0	0.0	1.899	0.0	0.0	2.031	0.0	0.0	2.021	0.0
55	3106	3107	NS	1	0.0	25.016	15.051	0.0	33.504	15.353	0.0	350.272	11.034	0.0	53.495	12.188	0.0	1.902	0.0	0.0	1.899	0.0	0.0	2.031	0.0	0.0	2.021	0.0
56	3106	3107	SN	1	0.0	30.509	15.846	0.0	26.748	14.655	0.0	190.623	13.73	0.0	15.089	12.968	0.0	1.906	0.0	0.0	1.923	0.0	0.0	2.05	0.0	0.0	2.076	0.0
57	3107	3108	SN	1	0.0	24.779	9.31	0.0	26.169	9.306	0.0	165.66	3.637	0.0	83.58	3.529	0.0	1.895	0.0	0.0	1.92	0.0	0.0	2.042	0.0	0.0	2.08	0.0
58	3107	3108	NS	1	0.0	25.981	8.379	0.0	25.926	8.712	0.0	358.643	2.283	0.0	51.957	2.689	0.0	1.893	0.0	0.0	1.895	0.0	0.0	2.027	0.0	0.0	2.015	0.0
59	3107	3108	NS	1	0.0	25.981	8.384	0.0	25.926	8.716	0.0	315.13	2.287	0.0	51.94	2.687	0.0	1.893	0.0	0.0	1.895	0.0	0.0	2.027	0.0	0.0	2.015	0.0
60	3107	3108	SN	1	0.0	24.779	9.306	0.0	26.169	9.334	0.0	165.615	3.635	0.0	83.624	3.568	0.0	1.896	0.0	0.0	1.92	0.0	0.0	2.042	0.0	0.0	2.08	0.0
61	3107	3108	NS	1	0.0	25.193	15.05	0.0	33.542	15.426	0.0	349.036	11.069	0.0	54.488	12.167	0.0	1.908	0.0	0.0	1.9	0.0	0.0	2.029	0.0	0.0	2.022	0.0
62	3107	3108	NS	1	0.0	25.027	15.04	0.0	33.542	15.416	0.0	349.031	11.062	0.0	54.472	12.181	0.0	1.909	0.0	0.0	1.9	0.0	0.0	2.029	0.0	0.0	2.022	0.0
63	3107	3108	SN	1	0.0	30.625	16.015	0.0	26.753	14.459	0.0	197.291	14.165	0.0	14.295	12.498	0.0	1.9	0.0	0.0	1.923	0.0	0.0	2.048	0.0	0.0	2.075	0.0
64	3107	3108	SN	1	0.0	30.437	15.83	0.0	26.753	14.997	0.0	197.291	13.438	0.0	69.279	13.443	0.0	1.9	0.0	0.0	1.923	0.0	0.0	2.048	0.0	0.0	2.075	0.0
65	3107	3108	SN	1	0.0	30.509	15.803	0.0	26.753	14.986	0.0	197.23	13.431	0.0	69.246	13.352	0.0	1.9	0.0	0.0	1.923	0.0	0.0	2.048	0.0	0.0	2.075	0.0
66	3107	3108	SN	1	0.0	24.779	9.561	0.0	26.169	9.295	0.0	165.615	3.922	0.0	13.043	3.534	0.0	1.896	0.0	0.0	1.92	0.0	0.0	2.042	0.0	0.0	2.08	0.0
67	3108	3109	NS	1	0.0	25.022	15.072	0.0	33.542	15.457	0.0	350.04	11.019	0.0	55.178	12.209	0.0	1.902	0.0	0.0	1.894	0.0	0.0	2.031	0.0	0.0	2.021	0.0
68	3108	3109	SN	1	0.0	24.768	9.323	0.0	26.163	9.275	0.0	262.398	3.655	0.0	130.135	3.522	0.0	1.896	0.0	0.0	1.91	0.0	0.0	2.043	0.0	0.0	2.083	0.0

Parameter Specifications	Parameters	Azi.Angle	Inci.Angle
	Range	10.0	3.0

Normal
Deviations
Alarming
High Errors

69	3108	3109	SN	1	0.0	30.779	15.816	0.0	26.704	14.97	0.0	353.012	13.348	0.0	70.134	13.267	0.0	1.901	0.0	0.0	1.926	0.0	0.0	2.048	0.0	0.0	2.075	0.0
70	3108	3109	SN	1	0.0	30.779	15.816	0.0	26.704	14.96	0.0	353.012	13.356	0.0	70.206	13.281	0.0	1.904	0.0	0.0	1.926	0.0	0.0	2.048	0.0	0.0	2.075	0.0
71	3108	3109	NS	1	0.0	25.981	8.347	0.0	25.932	8.727	0.0	355.395	2.292	0.0	57.632	2.694	0.0	1.893	0.0	0.0	1.894	0.0	0.0	2.026	0.0	0.0	2.015	0.0
72	3108	3109	NS	1	0.0	25.981	8.336	0.0	25.926	8.723	0.0	355.395	2.289	0.0	57.621	2.69	0.0	1.894	0.0	0.0	1.894	0.0	0.0	2.026	0.0	0.0	2.015	0.0
73	3108	3109	SN	1	0.0	24.768	9.323	0.0	26.163	9.286	0.0	262.42	3.664	0.0	169.586	3.514	0.0	1.896	0.0	0.0	1.912	0.0	0.0	2.041	0.0	0.0	2.083	0.0
74	3108	3109	NS	1	0.0	25.022	15.072	0.0	33.548	15.446	0.0	350.04	10.997	0.0	55.183	12.201	0.0	1.901	0.0	0.0	1.894	0.0	0.0	2.031	0.0	0.0	2.021	0.0
75	3109	3110	NS	1	0.0	25.005	15.052	0.0	30.211	15.378	0.0	349.235	11.066	0.0	56.231	12.211	0.0	1.902	0.0	0.0	1.902	0.0	0.0	2.03	0.0	0.0	2.022	0.0
76	3109	3110	NS	1	0.0	25.005	15.052	0.0	30.211	15.378	0.0	349.235	11.066	0.0	56.231	12.211	0.0	1.902	0.0	0.0	1.902	0.0	0.0	2.03	0.0	0.0	2.022	0.0
77	3109	3110	NS	1	0.0	25.976	8.381	0.0	25.932	8.739	0.0	337.703	2.279	0.0	59.518	2.688	0.0	1.892	0.0	0.0	1.893	0.0	0.0	2.025	0.0	0.0	2.014	0.0
78	3109	3110	NS	1	0.0	25.976	8.381	0.0	25.932	8.739	0.0	337.703	2.279	0.0	59.518	2.688	0.0	1.892	0.0	0.0	1.893	0.0	0.0	2.025	0.0	0.0	2.014	0.0

Parameter Specifications	Parameters	Azi.Angle	Inci.Angle
	Range	10.0	3.0

Normal
Alarming
Deviations
High Errors