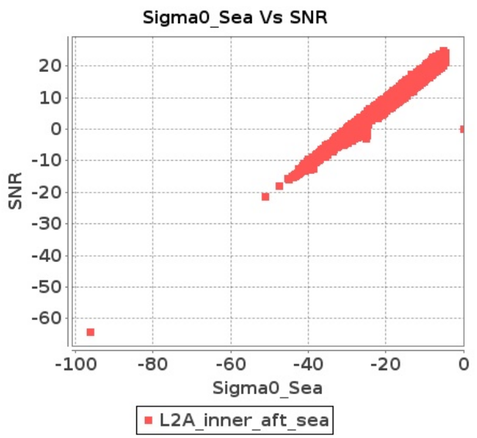
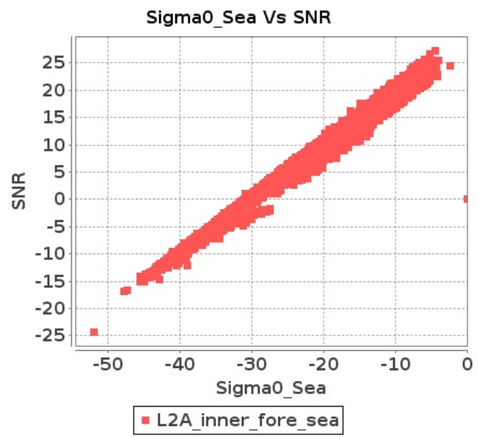
SCATSAT-1 Scatterometer Level-2A Data Quality Cycle wise Report

Report between 11-AUG-2017 To 12-AUG-2017

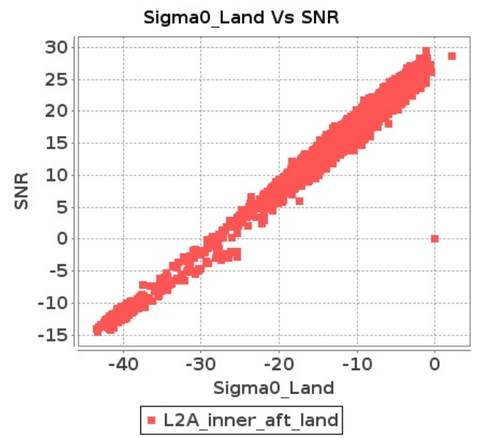
Inner Sea Aft Sigma0VsSNR



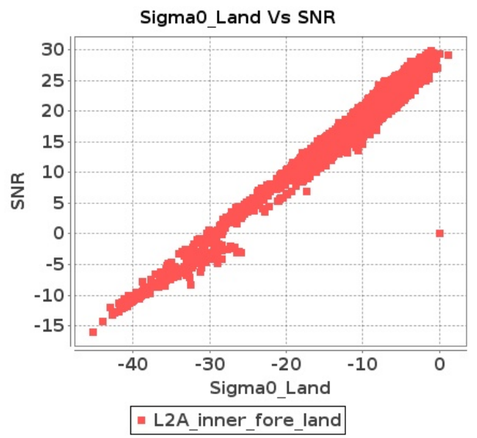
Inner Sea Fore Sigma0VsSNR



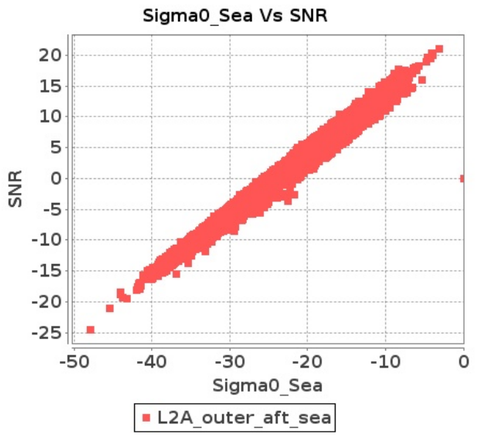
Inner Land Aft Sigma0VsSNR



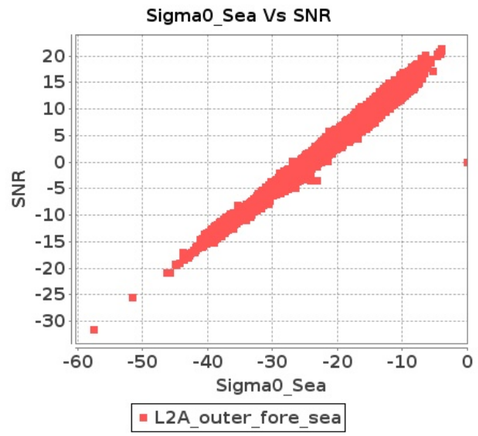
Inner Land Fore Sigma0VsSNR



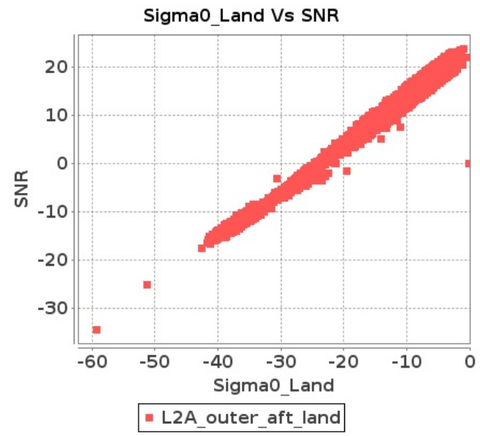
Outer Sea Aft Sigma0VsSNR



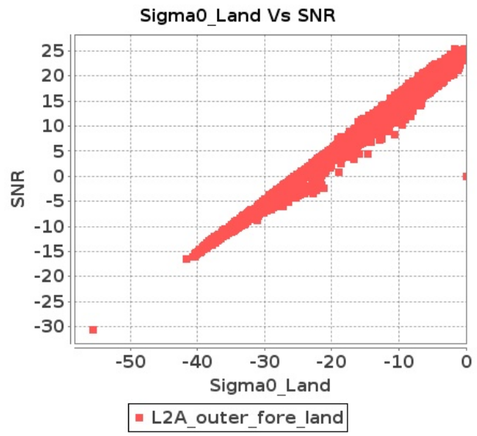
Outer Sea Fore Sigma0VsSNR



Outer Land Aft Sigma0VsSNR



Outer Land Fore Sigma0VsSNR



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

Report between 11-AUG-2017 To 12-AUG-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	4622	4623	SN	1	0.0	50.053	6.582	0.0	54.656	5.998	0.0	42.713	5.231	0.0	46.619	4.981	0.0	46.958	5.692	0.0	52.083	5.47	0.0	45.328	4.707	0.0	47.5	4.504
2	4622	4623	SN	1	0.0	50.053	6.735	0.0	54.656	6.14	0.0	42.713	5.324	0.0	46.619	5.079	0.0	46.958	5.877	0.0	52.083	5.626	0.0	45.328	4.803	0.0	47.5	4.6
3	4622	4623	SN	1	0.0	47.457	2.076	0.0	50.619	1.789	0.0	39.427	1.429	0.0	47.281	1.326	0.0	46.406	1.693	0.0	48.33	1.54	0.0	38.178	1.226	0.0	44.003	1.219
4	4622	4623	SN	1	0.0	47.457	2.147	0.0	50.619	1.838	0.0	39.427	1.451	0.0	47.281	1.351	0.0	46.406	1.749	0.0	48.33	1.586	0.0	38.178	1.253	0.0	44.003	1.25
5	4623	4624	SN	1	0.0	45.421	5.053	0.0	44.801	4.779	0.0	42.009	3.876	0.0	46.175	3.657	0.0	46.307	4.355	0.0	45.442	4.252	0.0	39.541	3.203	0.0	45.108	3.166
6	4623	4624	NS	1	0.0	48.047	2.168	0.0	44.699	1.733	0.0	41.122	1.335	0.0	39.88	1.221	0.0	47.288	1.887	0.0	42.589	1.506	0.0	40.359	1.157	0.0	37.771	1.044
7	4623	4624	NS	1	0.0	52.115	7.403	0.0	54.216	6.141	0.0	47.267	4.756	0.0	47.723	4.568	0.0	53.206	6.977	0.0	54.031	5.473	0.0	47.401	4.265	0.0	44.126	4.013
8	4623	4624	SN	1	0.0	44.902	1.539	0.0	48.854	1.565	0.0	38.711	1.17	0.0	40.106	1.215	0.0	42.746	1.278	0.0	46.878	1.333	0.0	36.871	0.974	0.0	38.292	1.01
9	4624	4625	NS	1	0.0	50.256	5.661	0.0	56.789	9.717	0.0	44.882	4.634	0.0	49.096	7.166	0.0	54.986	6.982	0.0	57.23	11.077	0.0	48.461	5.995	0.0	53.185	8.608
10	4624	4625	SN	1	0.0	48.036	10.583	0.0	46.934	4.573	0.0	43.079	2.98	0.0	44.568	1.895	0.0	46.83	9.568	0.0	46.932	3.845	0.0	40.036	2.605	0.0	44.668	1.617
11	4624	4625	SN	1	0.0	49.294	24.414	0.0	50.636	11.764	0.0	45.878	7.754	0.0	46.115	5.413	0.0	51.32	22.939	0.0	50.511	9.969	0.0	44.765	7.442	0.0	45.239	4.894
12	4624	4625	NS	1	0.0	53.554	14.4	0.0	56.993	17.288	0.0	51.733	12.984	0.0	49.464	15.483	0.0	58.3	17.465	0.0	58.29	20.397	0.0	55.213	17.285	0.0	51.839	19.774
13	4625	4626	SN	1	0.0	52.917	44.569	0.0	48.724	9.25	0.0	43.321	15.841	0.0	42.901	6.169	0.0	50.666	44.397	0.0	48.873	7.841	0.0	42.273	15.742	0.0	43.557	5.927
14	4625	4626	NS	1	0.0	49.306	3.208	0.0	44.224	1.02	0.0	41.194	0.995	0.0	44.359	0.966	0.0	49.035	2.454	0.0	44.733	0.861	0.0	41.018	0.794	0.0	42.566	0.771
15	4625	4626	SN	1	0.0	50.021	21.919	0.0	47.795	3.289	0.0	42.185	6.176	0.0	45.644	2.143	0.0	49.993	21.415	0.0	47.681	2.873	0.0	44.427	6.018	0.0	42.761	1.907
16	4625	4626	SN	1	0.0	50.021	21.919	0.0	47.795	3.289	0.0	42.185	6.176	0.0	45.644	2.143	0.0	49.993	21.415	0.0	47.681	2.873	0.0	44.427	6.018	0.0	42.761	1.907
17	4625	4626	NS	1	0.0	43.022	9.05	0.0	47.614	3.037	0.0	42.301	3.307	0.0	43.956	3.087	0.0	44.51	7.242	0.0	46.173	2.411	0.0	43.482	2.893	0.0	43.44	2.566
18	4625	4626	SN	1	0.0	52.917	44.569	0.0	48.724	9.25	0.0	43.321	15.841	0.0	42.901	6.169	0.0	50.666	44.397	0.0	48.873	7.841	0.0	42.273	15.742	0.0	43.557	5.927
19	4626	4627	SN	1	0.0	42.563	1.665	0.0	47.3	1.34	0.0	37.21	1.278	0.0	40.754	1.205	0.0	44.906	1.255	0.0	48.676	1.022	0.0	36.361	1.036	0.0	40.782	0.953
20	4626	4627	NS	1	0.0	49.447	3.298	0.0	45.534	2.977	0.0	46.831	2.311	0.0	39.793	2.201	0.0	51.414	2.953	0.0	48.178	2.642	0.0	43.652	2.055	0.0	39.732	1.866
21	4626	4627	SN	1	0.0	43.571	5.154	0.0	47.3	4.011	0.0	43.293	3.627	0.0	42.086	3.471	0.0	41.874	4.143	0.0	48.676	3.21	0.0	40.986	3.039	0.0	40.566	2.761
22	4626	4627	SN	1	0.0	43.571	5.164	0.0	47.3	4.011	0.0	43.293	3.627	0.0	42.086	3.471	0.0	41.874	4.153	0.0	48.676	3.21	0.0	40.986	3.039	0.0	40.566	2.761
23	4626	4627	SN	1	0.0	42.563	1.665	0.0	47.3	1.34	0.0	37.21	1.278	0.0	40.754	1.205	0.0	44.906	1.255	0.0	48.676	1.022	0.0	36.361	1.036	0.0	40.782	0.953
24	4627	4628	NS	1	0.0	46.962	2.445	0.0	46.874	1.788	0.0	40.968	1.783	0.0	41.331	1.402	0.0	47.941	2.064	0.0	45.021	1.523	0.0	38.669	1.472	0.0	40.987	1.156
25	4627	4628	NS	1	0.0	51.381	7.102	0.0	53.078	5.46	0.0	46.391	5.14	0.0	44.148	4.576	0.0	52.292	6.391	0.0	56.648	4.779	0.0	45.23	4.62	0.0	41.851	3.899
26	4627	4628	SN	1	0.0	46.062	11.507	0.0	47.137	10.708	0.0	42.055	8.781	0.0	40.796	8.839	0.0	46.344	11.487	0.0	47.464	10.596	0.0	45.186	9.234	0.0	41.35	8.442
27	4627	4628	SN	1	0.0	46.062	11.507	0.0	47.137	10.708	0.0	42.055	8.781	0.0	40.796	8.839	0.0	46.344	11.487	0.0	47.464	10.596	0.0	45.186	9.234	0.0	41.35	8.442
28	4627	4628	SN	1	0.0	46.062	3.973	0.0	46.685	3.841	0.0	40.689	3.185	0.0	39.676	3.087	0.0	49.127	3.789	0.0	46.576	3.632	0.0	40.821	3.143	0.0	40.154	2.868
29	4627	4628	SN	1	0.0	46.062	3.973	0.0	46.685	3.841	0.0	40.689	3.185	0.0	39.676	3.087	0.0	49.127	3.789	0.0	46.576	3.632	0.0	40.821	3.143	0.0	40.154	2.868
30	4628	4629	SN	1	0.0	51.518	11.278	0.0	45.641	10.795	0.0	45.446	7.468	0.0	51.381	7.825	0.0	49.495	10.682	0.0	47.293	10.157	0.0	43.32	7.419	0.0	52.514	7.698
31	4628	4629	SN	1	0.0	50.132	3.714	0.0	48.048	3.604	0.0	41.687	2.387	0.0	39.656	2.606	0.0	48.69	3.626	0.0	44.807	3.292	0.0	43.866	2.458	0.0	39.251	2.438

Parameter Specifications	Parameters	SNR	Sigma0
	Range	20.0	20.0

Normal Deviations

Alarming High Errors

32	4628	4629	SN	1	0.0	51.518	11.278	0.0	45.641	10.795	0.0	45.446	7.468	0.0	51.381	7.825	0.0	49.495	10.682	0.0	47.293	10.157	0.0	43.32	7.419	0.0	52.514	7.698
33	4628	4629	NS	1	0.0	54.734	6.268	0.0	52.893	5.907	0.0	43.551	5.274	0.0	50.373	4.818	0.0	55.834	5.475	0.0	53.875	5.297	0.0	42.523	4.933	0.0	51.936	4.305
34	4628	4629	NS	1	0.0	45.016	2.29	0.0	52.137	1.88	0.0	40.685	1.671	0.0	41.198	1.647	0.0	45.668	1.919	0.0	50.459	1.671	0.0	39.067	1.476	0.0	40.655	1.407
35	4628	4629	SN	1	0.0	50.132	3.714	0.0	48.048	3.604	0.0	41.687	2.387	0.0	39.656	2.606	0.0	48.69	3.626	0.0	44.807	3.292	0.0	43.866	2.458	0.0	39.251	2.438
36	4629	4630	NS	1	0.0	44.235	2.949	0.0	47.564	2.657	0.0	40.805	2.079	0.0	41.556	1.959	0.0	41.075	2.786	0.0	48.893	2.51	0.0	39.143	2.077	0.0	40.892	1.828
37	4629	4630	SN	1	0.0	51.582	3.038	0.0	58.194	3.171	0.0	42.719	2.127	0.0	48.375	2.333	0.0	52.734	2.966	0.0	59.617	2.986	0.0	40.596	2.105	0.0	44.679	2.185
38	4629	4630	SN	1	0.0	51.582	3.023	0.0	58.194	3.109	0.0	42.719	2.111	0.0	48.375	2.288	0.0	52.734	2.933	0.0	59.617	2.917	0.0	40.596	2.093	0.0	44.679	2.132
39	4629	4630	SN	1	0.0	52.785	8.809	0.0	53.809	8.623	0.0	47.338	6.915	0.0	51.883	7.455	0.0	50.965	8.466	0.0	51.147	8.219	0.0	47.286	6.816	0.0	51.693	7.292
40	4629	4630	SN	1	0.0	52.785	8.652	0.0	53.809	8.747	0.0	47.338	6.954	0.0	51.883	7.603	0.0	50.965	8.35	0.0	51.147	8.372	0.0	47.286	6.845	0.0	51.693	7.456
41	4629	4630	NS	1	0.0	49.303	9.031	0.0	50.718	8.443	0.0	43.966	6.209	0.0	44.58	6.139	0.0	46.136	8.818	0.0	54.355	7.985	0.0	44.191	6.273	0.0	42.422	5.91
42	4630	4631	NS	1	0.0	54.388	3.682	0.0	44.294	3.215	0.0	41.153	2.34	0.0	45.555	2.467	0.0	51.098	3.422	0.0	45.077	3.002	0.0	41.869	2.198	0.0	43.735	2.253
43	4630	4631	NS	1	0.0	57.934	11.661	0.0	51.657	10.579	0.0	43.904	8.216	0.0	45.452	8.292	0.0	57.8	11.122	0.0	53.857	10.08	0.0	41.926	7.882	0.0	46.228	7.907
44	4637	4638	NS	1	0.0	51.647	12.343	0.0	51.011	11.166	0.0	46.128	7.948	0.0	48.562	8.12	0.0	51.564	11.814	0.0	53.328	10.77	0.0	45.992	7.799	0.0	46.503	7.592
45	4637	4638	NS	1	0.0	55.581	3.832	0.0	44.812	3.178	0.0	43.237	2.276	0.0	42.999	2.431	0.0	52.698	3.587	0.0	45.739	3.049	0.0	41.853	2.191	0.0	41.411	2.29
46	4637	4638	SN	1	0.0	49.987	9.672	0.0	50.185	9.378	0.0	40.542	6.016	0.0	44.459	6.337	0.0	50.886	9.308	0.0	47.383	8.558	0.0	40.589	5.357	0.0	44.854	5.599
47	4637	4638	SN	1	0.0	49.987	9.672	0.0	50.185	9.378	0.0	40.542	6.016	0.0	44.459	6.337	0.0	50.886	9.308	0.0	47.383	8.558	0.0	40.589	5.357	0.0	44.854	5.599
48	4637	4638	SN	1	0.0	46.399	3.043	0.0	52.508	2.847	0.0	43.904	1.637	0.0	47.366	1.816	0.0	44.712	2.61	0.0	50.205	2.515	0.0	40.987	1.504	0.0	46.272	1.552
49	4637	4638	SN	1	0.0	46.399	3.043	0.0	52.508	2.847	0.0	43.904	1.637	0.0	47.366	1.816	0.0	44.712	2.61	0.0	50.205	2.515	0.0	40.987	1.504	0.0	46.272	1.552
50	4638	4639	SN	1	0.0	49.434	1.875	0.0	42.939	1.33	0.0	39.773	1.377	0.0	42.832	1.236	0.0	47.338	1.461	0.0	43.311	1.069	0.0	41.147	1.189	0.0	42.634	1.043
51	4638	4639	NS	1	0.0	49.397	6.359	0.0	48.364	5.175	0.0	40.878	3.908	0.0	43.112	3.585	0.0	46.932	5.922	0.0	49.249	4.85	0.0	39.35	3.652	0.0	44.157	3.243
52	4638	4639	SN	1	0.0	54.009	5.691	0.0	45.717	3.775	0.0	40.007	4.046	0.0	44.52	3.769	0.0	52.723	4.751	0.0	45.472	3.247	0.0	40.215	3.592	0.0	46.386	3.271
53	4638	4639	NS	1	0.0	43.279	1.779	0.0	41.784	1.316	0.0	38.059	1.136	0.0	38.4	1.092	0.0	44.362	1.595	0.0	43.278	1.239	0.0	36.839	1.047	0.0	40.583	1.007
54	4639	4640	NS	1	0.0	47.279	5.212	0.0	57.309	8.611	0.0	45.07	4.7	0.0	54.855	6.037	0.0	50.229	7.126	0.0	58.597	10.12	0.0	44.328	6.217	0.0	59.138	7.592
55	4639	4640	NS	1	0.0	48.502	13.66	0.0	59.221	15.249	0.0	42.14	14.075	0.0	49.527	14.463	0.0	50.7	18.715	0.0	58.327	18.64	0.0	42.155	18.523	0.0	52.524	19.058
56	4639	4640	SN	1	0.0	45.937	6.588	0.0	43.571	4.515	0.0	40.121	3.839	0.0	42.151	4.406	0.0	45.854	5.658	0.0	41.502	3.979	0.0	37.245	3.209	0.0	40.622	3.632
57	4639	4640	SN	1	0.0	45.937	6.588	0.0	43.571	4.515	0.0	40.121	3.839	0.0	42.151	4.406	0.0	45.854	5.658	0.0	41.502	3.979	0.0	37.245	3.209	0.0	40.622	3.611
58	4639	4640	NS	1	0.0	44.636	13.875	0.0	59.136	14.979	0.0	47.507	13.834	0.0	51.325	14.297	0.0	45.959	18.613	0.0	62.864	18.276	0.0	45.176	18.811	0.0	51.902	18.813
59	4639	4640	NS	1	0.0	46.204	5.34	0.0	56.404	8.528	0.0	45.414	4.486	0.0	51.116	5.97	0.0	44.869	7.086	0.0	59.212	10.032	0.0	46.662	5.92	0.0	54.158	7.574
60	4639	4640	SN	1	0.0	45.53	2.227	0.0	50.926	1.524	0.0	35.904	1.504	0.0	39.724	1.479	0.0	40.885	1.687	0.0	48.291	1.337	0.0	34.493	1.124	0.0	36.898	1.201
61	4639	4640	SN	1	0.0	45.53	2.225	0.0	50.926	1.52	0.0	35.904	1.502	0.0	39.724	1.481	0.0	40.885	1.687	0.0	48.291	1.335	0.0	34.493	1.124	0.0	36.898	1.201
62	4640	4641	NS	1	0.0	45.765	5.719	0.0	47.45	5.094	0.0	44.241	3.388	0.0	45.691	3.314	0.0	47.216	5.109	0.0	47.653	4.606	0.0	46.469	3.011	0.0	48.904	2.858
63	4640	4641	NS	1	0.0	40.329	1.484	0.0	48.135	1.334	0.0	36.364	0.878	0.0	44.883	0.794	0.0	40.842	1.249	0.0	50.687	1.135	0.0	35.405	0.743	0.0	41.071	0.68
64	4640	4641	SN	1	0.0	44.99	2.549	0.0	42.442	1.879	0.0	41.492	1.534	0.0	42.773	1.448	0.0	40.691	2.115	0.0	42.948	1.564	0.0	40.026	1.326	0.0	40.181	1.163
65	4640	4641	SN	1	0.0	44.99	2.542	0.0	42.442	1.872	0.0	41.492	1.532	0.0	42.773	1.442	0.0	40.691	2.112	0.0	42.948	1.558	0.0	40.026	1.329	0.0	40.181	1.159
66	4640	4641	SN	1	0.0	46.563	7.812	0.0	50.045	5.954	0.0	40.487	4.504	0.0	45.511	4.072	0.0	44.568	6.842	0.0	49.11	5.65	0.0	41.348	4.072	0.0	43.762	3.575
67	4640	4641	SN	1	0.0	46.563	7.827	0.0	50.045	5.974	0.0	40.487	4.49	0.0	45.511	4.086	0.0	44.568	6.853	0.0	49.11	5.669	0.0	41.348	4.056	0.0	43.762	3.587

Parameter Specifications	Parameters	SNR	Sigma0
	Range	20.0	20.0

Normal
Deviations
Alarming
High Errors

68	4641	4642	NS	1	0.0	52.106	5.953	0.0	52.796	5.137	0.0	44.388	4.137	0.0	42.383	4.277	0.0	52.82	5.435	0.0	52.546	4.638	0.0	43.003	3.696	0.0	40.702	3.764
69	4641	4642	SN	1	0.0	47.589	6.889	0.0	49.057	4.729	0.0	44.343	4.087	0.0	43.435	4.095	0.0	45.723	5.532	0.0	48.05	4.007	0.0	44.307	3.23	0.0	40.209	3.474
70	4641	4642	NS	1	0.0	45.879	2.05	0.0	47.725	1.713	0.0	45.582	1.158	0.0	39.718	1.271	0.0	48.64	1.77	0.0	47.176	1.52	0.0	45.039	0.996	0.0	42.586	1.039
71	4641	4642	SN	1	0.0	43.916	2.22	0.0	44.848	1.666	0.0	40.544	1.383	0.0	39.928	1.356	0.0	41.63	1.632	0.0	43.447	1.302	0.0	38.161	1.111	0.0	36.585	1.069
72	4644	4645	NS	1	0.0	41.627	2.619	0.0	46.357	2.306	0.0	43.48	1.858	0.0	38.723	1.913	0.0	43.325	2.422	0.0	46.75	2.145	0.0	44.066	1.768	0.0	38.762	1.731
73	4644	4645	SN	1	0.0	49.088	6.659	0.0	53.859	6.5	0.0	46.029	4.568	0.0	44.054	4.902	0.0	47.993	6.113	0.0	52.015	5.811	0.0	43.435	4.129	0.0	45.898	4.292
74	4644	4645	SN	1	0.0	43.372	2.007	0.0	49.501	2.099	0.0	44.736	1.309	0.0	44.575	1.456	0.0	43.612	1.739	0.0	52.761	1.815	0.0	44.878	1.159	0.0	43.715	1.224
75	4644	4645	NS	1	0.0	51.995	7.985	0.0	45.491	7.199	0.0	41.883	5.84	0.0	45.018	6.03	0.0	51.812	7.477	0.0	45.537	6.487	0.0	40.432	5.605	0.0	46.226	5.773
76	4645	4646	NS	1	0.0	49.855	10.246	0.0	52.397	9.119	0.0	49.453	7.49	0.0	47.672	7.383	0.0	51.875	9.596	0.0	52.857	8.377	0.0	46.587	7.362	0.0	44.639	6.813
77	4645	4646	NS	1	0.0	48.158	3.45	0.0	45.813	3.082	0.0	46.498	2.042	0.0	42.866	2.124	0.0	47.346	3.214	0.0	47.608	2.86	0.0	44.443	1.969	0.0	44.702	1.934

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	4622	4623	SN	1	0.0	32.511	15.651	0.0	27.785	13.955	0.0	184.273	14.297	0.0	63.064	14.032	0.0	1.902	0.0	0.0	1.972	0.0	0.0	2.074	0.0	0.0	2.126	0.0
2	4622	4623	SN	1	0.0	32.511	15.677	0.0	27.183	13.654	0.0	184.273	14.601	0.0	15.558	13.536	0.0	1.902	0.0	0.0	1.972	0.0	0.0	2.074	0.0	0.0	2.126	0.0
3	4622	4623	SN	1	0.0	23.61	10.41	0.0	28.347	10.227	0.0	189.054	4.876	0.0	55.42	5.041	0.0	1.911	0.0	0.0	1.976	0.0	0.0	2.071	0.0	0.0	2.115	0.0
4	4622	4623	SN	1	0.0	23.61	10.487	0.0	28.347	10.204	0.0	189.054	5.0	0.0	14.245	4.955	0.0	1.911	0.0	0.0	1.976	0.0	0.0	2.071	0.0	0.0	2.115	0.0
5	4623	4624	SN	1	0.0	29.996	15.441	0.0	27.801	13.993	0.0	192.479	14.293	0.0	55.172	14.115	0.0	1.906	0.0	0.0	1.933	0.0	0.0	2.071	0.0	0.0	2.106	0.0
6	4623	4624	NS	1	0.0	26.944	8.744	0.0	25.843	8.617	0.0	306.091	2.141	0.0	40.177	1.911	0.0	1.896	0.0	0.0	1.88	0.0	0.0	2.02	0.0	0.0	2.004	0.0
7	4623	4624	NS	1	0.0	27.244	15.203	0.0	32.274	15.549	0.0	356.752	10.922	0.0	56.104	11.026	0.0	1.907	0.0	0.0	1.895	0.0	0.0	2.03	0.0	0.0	2.009	0.0
8	4623	4624	SN	1	0.0	23.593	10.402	0.0	28.336	10.219	0.0	195.126	4.898	0.0	130.008	5.085	0.0	1.911	0.0	0.0	1.975	0.0	0.0	2.071	0.0	0.0	2.111	0.0
9	4624	4625	NS	1	0.0	28.97	8.627	0.0	29.897	8.074	0.0	347.448	2.407	0.0	37.485	1.974	0.0	15.993	1.348	0.0	15.974	1.932	0.0	4.416	1.021	0.0	5.267	1.492
10	4624	4625	SN	1	0.0	26.853	10.344	0.0	28.325	10.156	0.0	189.451	5.061	0.0	132.396	5.134	0.0	1.951	0.0	0.0	1.927	0.0	0.0	2.097	0.0	0.0	2.105	0.0
11	4624	4625	SN	1	0.0	30.068	15.798	0.0	27.266	13.913	0.0	185.227	14.218	0.0	56.915	14.269	0.0	1.95	0.0	0.0	1.918	0.0	0.0	2.106	0.0	0.0	2.095	0.0
12	4624	4625	NS	1	0.0	29.538	15.155	0.0	33.697	14.641	0.0	357.22	10.688	0.0	50.793	10.608	0.0	15.906	1.82	0.0	15.957	2.605	0.0	4.515	1.475	0.0	5.22	2.164
13	4625	4626	SN	1	0.0	30.04	15.847	0.0	27.299	13.926	0.0	212.719	14.571	0.0	36.476	14.771	0.0	2.05	0.0	0.0	1.91	0.0	0.0	2.15	0.0	0.0	2.086	0.0
14	4625	4626	NS	1	0.0	25.97	8.617	0.0	25.799	8.576	0.0	271.55	2.235	0.0	36.956	2.022	0.0	1.976	0.0	0.0	1.856	0.0	0.0	2.071	0.0	0.0	2.027	0.0
15	4625	4626	SN	1	0.0	26.913	10.122	0.0	28.297	10.394	0.0	198.827	5.147	0.0	57.13	5.436	0.0	2.035	0.0	0.0	1.908	0.0	0.0	2.15	0.0	0.0	2.087	0.0
16	4625	4626	SN	1	0.0	26.913	10.122	0.0	28.297	10.394	0.0	198.827	5.147	0.0	57.13	5.436	0.0	2.035	0.0	0.0	1.908	0.0	0.0	2.15	0.0	0.0	2.087	0.0
17	4625	4626	NS	1	0.0	27.228	14.978	0.0	31.038	15.417	0.0	357.441	10.611	0.0	51.659	11.3	0.0	2.009	0.0	0.0	1.86	0.0	0.0	2.081	0.0	0.0	2.03	0.0
18	4625	4626	SN	1	0.0	30.04	15.847	0.0	27.299	13.926	0.0	212.719	14.571	0.0	36.476	14.771	0.0	2.05	0.0	0.0	1.91	0.0	0.0	2.15	0.0	0.0	2.086	0.0
19	4626	4627	SN	1	0.0	25.766	11.198	0.0	28.049	11.355	0.0	200.536	6.332	0.0	76.361	6.334	0.0	1.933	0.0	0.0	1.981	0.0	0.0	2.091	0.0	0.0	2.12	0.0
20	4626	4627	NS	1	0.0	28.198	15.254	0.0	33.156	15.403	0.0	356.222	11.392	0.0	31.673	11.545	0.0	2.04	0.0	0.0	2.158	0.0	0.0	2.088	0.0	0.0	2.38	0.0
21	4626	4627	SN	1	0.0	33.355	17.371	0.0	27.261	13.824	0.0	197.134	15.229	0.0	136.858	15.302	0.0	1.918	0.0	0.0	1.969	0.0	0.0	2.092	0.0	0.0	2.12	0.0
22	4626	4627	SN	1	0.0	33.355	17.371	0.0	27.261	13.824	0.0	197.134	15.229	0.0	136.858	15.302	0.0	1.918	0.0	0.0	1.969	0.0	0.0	2.092	0.0	0.0	2.12	0.0
23	4626	4627	SN	1	0.0	25.766	11.198	0.0	28.049	11.355	0.0	200.536	6.332	0.0	76.361	6.334	0.0	1.933	0.0	0.0	1.981	0.0	0.0	2.091	0.0	0.0	2.12	0.0
24	4627	4628	NS	1	0.0	27.771	8.913	0.0	25.854	8.496	0.0	305.225	2.388	0.0	49.045	2.289	0.0	1.896	0.0	0.0	1.893	0.0	0.0	2.022	0.0	0.0	2.012	0.0
25	4627	4628	NS	1	0.0	27.233	15.21	0.0	33.404	15.018	0.0	354.744	11.447	0.0	51.957	11.553	0.0	1.907	0.0	0.0	1.906	0.0	0.0	2.029	0.0	0.0	2.012	0.0
26	4627	4628	SN	1	0.0	33.211	16.757	0.0	27.25	13.651	0.0	183.942	15.204	0.0	159.116	15.301	0.0	1.919	0.0	0.0	1.967	0.0	0.0	2.09	0.0	0.0	2.131	0.0
27	4627	4628	SN	1	0.0	33.211	16.757	0.0	27.25	13.651	0.0	183.942	15.204	0.0	159.116	15.301	0.0	1.919	0.0	0.0	1.967	0.0	0.0	2.09	0.0	0.0	2.131	0.0
28	4627	4628	SN	1	0.0	25.755	11.091	0.0	28.016	11.332	0.0	214.462	6.342	0.0	82.466	6.305	0.0	1.932	0.0	0.0	1.978	0.0	0.0	2.087	0.0	0.0	2.131	0.0
29	4627	4628	SN	1	0.0	25.755	11.091	0.0	28.016	11.332	0.0	214.462	6.342	0.0	82.466	6.305	0.0	1.932	0.0	0.0	1.978	0.0	0.0	2.087	0.0	0.0	2.131	0.0
30	4628	4629	SN	1	0.0	33.272	17.383	0.0	27.244	13.752	0.0	173.496	15.185	0.0	111.014	15.239	0.0	1.913	0.0	0.0	1.964	0.0	0.0	2.089	0.0	0.0	2.13	0.0
31	4628	4629	SN	1	0.0	25.788	11.199	0.0	28.055	11.332	0.0	190.654	6.374	0.0	64.73	6.315	0.0	1.933	0.0	0.0	1.977	0.0	0.0	2.087	0.0	0.0	2.133	0.0

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

Normal
Alarming
Deviations
High Errors

32	4628	4629	SN	1	0.0	33.272	17.383	0.0	27.244	13.752	0.0	173.496	15.185	0.0	111.014	15.239	0.0	1.913	0.0	0.0	1.964	0.0	0.0	2.089	0.0	0.0	2.13	0.0
33	4628	4629	NS	1	0.0	27.255	15.217	0.0	33.493	15.435	0.0	355.428	11.517	0.0	51.278	11.681	0.0	1.908	0.0	0.0	1.901	0.0	0.0	2.03	0.0	0.0	2.015	0.0
34	4628	4629	NS	1	0.0	27.415	8.977	0.0	25.871	8.55	0.0	357.458	2.416	0.0	41.82	2.293	0.0	1.895	0.0	0.0	1.888	0.0	0.0	2.019	0.0	0.0	2.009	0.0
35	4628	4629	SN	1	0.0	25.788	11.199	0.0	28.055	11.332	0.0	190.654	6.374	0.0	64.73	6.315	0.0	1.933	0.0	0.0	1.977	0.0	0.0	2.087	0.0	0.0	2.133	0.0
36	4629	4630	NS	1	0.0	27.506	8.957	0.0	25.871	8.552	0.0	352.996	2.468	0.0	36.162	2.308	0.0	1.897	0.0	0.0	1.89	0.0	0.0	2.021	0.0	0.0	2.007	0.0
37	4629	4630	SN	1	0.0	25.766	11.26	0.0	28.038	11.313	0.0	173.717	6.376	0.0	206.931	6.113	0.0	1.932	0.0	0.0	1.978	0.0	0.0	2.087	0.0	0.0	2.106	0.0
38	4629	4630	SN	1	0.0	25.766	11.144	0.0	28.038	11.287	0.0	173.717	6.227	0.0	206.931	6.162	0.0	1.932	0.0	0.0	1.978	0.0	0.0	2.087	0.0	0.0	2.106	0.0
39	4629	4630	SN	1	0.0	33.277	17.416	0.0	27.261	13.806	0.0	167.209	15.112	0.0	151.439	15.265	0.0	1.927	0.0	0.0	1.975	0.0	0.0	2.09	0.0	0.0	2.116	0.0
40	4629	4630	SN	1	0.0	33.277	17.449	0.0	27.222	13.518	0.0	167.209	15.404	0.0	151.439	14.847	0.0	1.927	0.0	0.0	1.975	0.0	0.0	2.09	0.0	0.0	2.116	0.0
41	4629	4630	NS	1	0.0	27.211	15.217	0.0	33.448	15.482	0.0	355.544	11.52	0.0	35.092	11.721	0.0	1.906	0.0	0.0	1.904	0.0	0.0	2.029	0.0	0.0	2.016	0.0
42	4630	4631	NS	1	0.0	27.412	8.953	0.0	25.871	8.537	0.0	135.859	2.438	0.0	43.596	2.315	0.0	1.898	0.0	0.0	1.887	0.0	0.0	2.021	0.0	0.0	2.012	0.0
43	4630	4631	NS	1	0.0	27.244	15.155	0.0	33.415	15.512	0.0	136.758	11.435	0.0	36.278	11.7	0.0	1.907	0.0	0.0	1.9	0.0	0.0	2.03	0.0	0.0	2.018	0.0
44	4637	4638	NS	1	0.0	27.239	15.238	0.0	33.437	15.397	0.0	355.268	11.531	0.0	49.15	11.763	0.0	1.907	0.0	0.0	1.901	0.0	0.0	2.029	0.0	0.0	2.016	0.0
45	4637	4638	NS	1	0.0	26.031	8.949	0.0	25.893	8.477	0.0	346.758	2.486	0.0	35.484	2.296	0.0	1.896	0.0	0.0	1.892	0.0	0.0	2.02	0.0	0.0	2.01	0.0
46	4637	4638	SN	1	0.0	33.206	17.302	0.0	28.424	13.844	0.0	174.517	15.193	0.0	128.618	15.314	0.0	1.909	0.0	0.0	1.965	0.0	0.0	2.09	0.0	0.0	2.127	0.0
47	4637	4638	SN	1	0.0	33.206	17.312	0.0	28.424	13.844	0.0	174.517	15.193	0.0	128.613	15.314	0.0	1.909	0.0	0.0	1.965	0.0	0.0	2.09	0.0	0.0	2.127	0.0
48	4637	4638	SN	1	0.0	25.777	11.121	0.0	28.066	11.261	0.0	173.403	6.389	0.0	68.182	6.283	0.0	1.932	0.0	0.0	1.978	0.0	0.0	2.085	0.0	0.0	2.127	0.0
49	4637	4638	SN	1	0.0	25.777	11.121	0.0	28.066	11.263	0.0	173.403	6.389	0.0	68.193	6.282	0.0	1.932	0.0	0.0	1.978	0.0	0.0	2.085	0.0	0.0	2.127	0.0
50	4638	4639	SN	1	0.0	25.766	11.153	0.0	28.055	11.284	0.0	175.212	6.44	0.0	68.364	6.281	0.0	1.933	0.0	0.0	1.978	0.0	0.0	2.088	0.0	0.0	2.128	0.0
51	4638	4639	NS	1	0.0	27.266	15.287	0.0	33.371	15.423	0.0	136.665	11.462	0.0	36.454	11.682	0.0	1.906	0.0	0.0	1.905	0.0	0.0	2.03	0.0	0.0	2.015	0.0
52	4638	4639	SN	1	0.0	33.261	17.234	0.0	27.217	13.771	0.0	164.623	15.219	0.0	56.694	15.24	0.0	1.912	0.0	0.0	1.972	0.0	0.0	2.089	0.0	0.0	2.126	0.0
53	4638	4639	NS	1	0.0	26.952	8.954	0.0	25.876	8.479	0.0	352.593	2.453	0.0	47.787	2.268	0.0	1.897	0.0	0.0	1.891	0.0	0.0	2.02	0.0	0.0	2.008	0.0
54	4639	4640	NS	1	0.0	30.101	8.536	0.0	30.046	8.069	0.0	353.145	2.471	0.0	35.031	2.41	0.0	16.012	1.779	0.0	15.943	1.849	0.0	4.812	1.104	0.0	5.504	1.821
55	4639	4640	NS	1	0.0	27.244	14.346	0.0	33.928	14.871	0.0	355.268	11.343	0.0	50.407	11.787	0.0	15.986	2.333	0.0	15.938	2.492	0.0	4.718	1.516	0.0	5.513	2.462
56	4639	4640	SN	1	0.0	32.395	17.096	0.0	27.25	13.808	0.0	167.513	15.18	0.0	140.768	15.267	0.0	1.904	0.0	0.0	1.964	0.0	0.0	2.105	0.0	0.0	2.132	0.0
57	4639	4640	SN	1	0.0	32.395	17.096	0.0	27.25	13.808	0.0	167.513	15.18	0.0	140.768	15.274	0.0	1.904	0.0	0.0	1.964	0.0	0.0	2.105	0.0	0.0	2.132	0.0
58	4639	4640	NS	1	0.0	27.239	14.366	0.0	33.928	14.876	0.0	355.136	11.242	0.0	53.418	11.714	0.0	16.002	2.312	0.0	15.908	2.553	0.0	4.814	1.581	0.0	5.675	2.504
59	4639	4640	NS	1	0.0	30.112	8.53	0.0	30.029	8.076	0.0	305.319	2.467	0.0	55.012	2.4	0.0	16.012	1.789	0.0	16.037	1.872	0.0	4.769	1.109	0.0	5.556	1.826
60	4639	4640	SN	1	0.0	25.755	11.166	0.0	28.0	11.085	0.0	165.13	6.297	0.0	76.485	6.418	0.0	1.947	0.0	0.0	1.969	0.0	0.0	2.101	0.0	0.0	2.117	0.0
61	4639	4640	SN	1	0.0	25.755	11.166	0.0	28.0	11.088	0.0	165.13	6.297	0.0	76.485	6.418	0.0	1.947	0.0	0.0	1.969	0.0	0.0	2.101	0.0	0.0	2.117	0.0
62	4640	4641	NS	1	0.0	27.178	15.206	0.0	31.132	15.465	0.0	356.63	11.537	0.0	52.194	11.724	0.0	1.927	0.0	0.0	1.879	0.0	0.0	2.042	0.0	0.0	2.021	0.0
63	4640	4641	NS	1	0.0	25.943	8.952	0.0	25.843	8.62	0.0	354.193	2.377	0.0	37.359	2.327	0.0	1.903	0.0	0.0	1.888	0.0	0.0	2.035	0.0	0.0	2.015	0.0
64	4640	4641	SN	1	0.0	25.761	11.08	0.0	228.125	11.141	0.0	211.914	6.255	0.0	17.698	6.413	0.0	1.949	0.0	0.0	1.976	0.0	0.0	2.104	0.0	0.0	2.124	0.0
65	4640	4641	SN	1	0.0	25.761	11.061	0.0	228.125	11.133	0.0	211.914	6.23	0.0	73.322	6.429	0.0	1.949	0.0	0.0	1.976	0.0	0.0	2.104	0.0	0.0	2.124	0.0
66	4640	4641	SN	1	0.0	32.522	17.11	0.0	64.385	13.73	0.0	205.334	15.175	0.0	86.213	15.238	0.0	1.919	0.0	0.0	1.968	0.0	0.0	2.105	0.0	0.0	2.123	0.0
67	4640	4641	SN	1	0.0	32.522	17.127	0.0	64.385	13.698	0.0	205.334	15.228	0.0	30.724	15.181	0.0	1.919	0.0	0.0	1.968	0.0	0.0	2.105	0.0	0.0	2.123	0.0
68	4641	4642	NS	1	0.0	27.183	15.136	0.0	32.803	15.471	0.0	353.25	11.549	0.0	50.319	11.813	0.0	1.934	0.0	0.0	1.873	0.0	0.0	2.047	0.0	0.0	2.017	0.0

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

Normal
Deviations
Alarming
High Errors

69	4641	4642	SN	1	0.0	32.412	17.09	0.0	27.25	13.65	0.0	198.005	15.347	0.0	151.621	15.022	0.0	1.921	0.0	0.0	1.964	0.0	0.0	2.108	0.0	0.0	2.108	0.0
70	4641	4642	NS	1	0.0	25.937	8.956	0.0	25.854	8.557	0.0	178.518	2.359	0.0	36.471	2.394	0.0	1.908	0.0	0.0	1.882	0.0	0.0	2.041	0.0	0.0	2.013	0.0
71	4641	4642	SN	1	0.0	25.761	11.164	0.0	27.101	11.154	0.0	203.266	6.347	0.0	269.852	6.379	0.0	1.955	0.0	0.0	1.97	0.0	0.0	2.105	0.0	0.0	2.106	0.0
72	4644	4645	NS	1	0.0	25.948	8.967	0.0	25.854	8.649	0.0	138.396	2.447	0.0	37.601	2.482	0.0	1.929	0.0	0.0	1.863	0.0	0.0	2.051	0.0	0.0	2.015	0.0
73	4644	4645	SN	1	0.0	32.494	17.46	0.0	28.369	13.779	0.0	175.25	15.191	0.0	133.311	15.231	0.0	1.913	0.0	0.0	1.964	0.0	0.0	2.091	0.0	0.0	2.121	0.0
74	4644	4645	SN	1	0.0	25.761	11.203	0.0	28.022	11.298	0.0	182.447	6.152	0.0	72.12	6.147	0.0	1.935	0.0	0.0	1.978	0.0	0.0	2.088	0.0	0.0	2.106	0.0
75	4644	4645	NS	1	0.0	27.161	15.219	0.0	32.776	15.394	0.0	356.702	11.587	0.0	52.238	12.045	0.0	1.961	0.0	0.0	1.849	0.0	0.0	2.059	0.0	0.0	2.016	0.0
76	4645	4646	NS	1	0.0	27.244	15.292	0.0	33.062	15.452	0.0	355.456	11.409	0.0	52.806	11.893	0.0	1.909	0.0	0.0	1.898	0.0	0.0	2.028	0.0	0.0	2.017	0.0
77	4645	4646	NS	1	0.0	26.637	8.949	0.0	25.887	8.469	0.0	137.591	2.484	0.0	58.652	2.272	0.0	1.895	0.0	0.0	1.891	0.0	0.0	2.023	0.0	0.0	2.008	0.0

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

Normal
Alarming
Deviations
High Errors