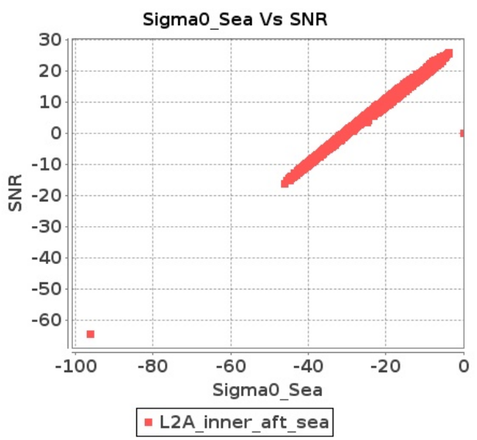
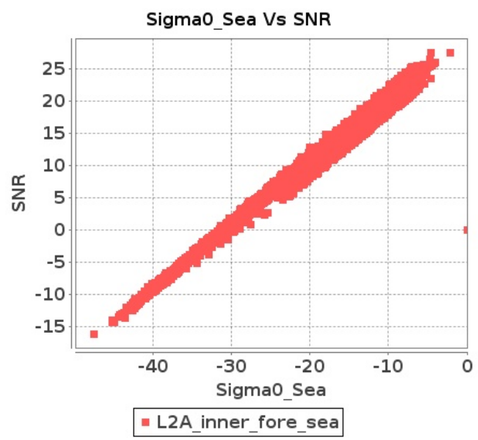
SCATSAT-1 Scatterometer Level-2A Data Quality Cycle wise Report

Report between 05-FEB-2019 To 06-FEB-2019

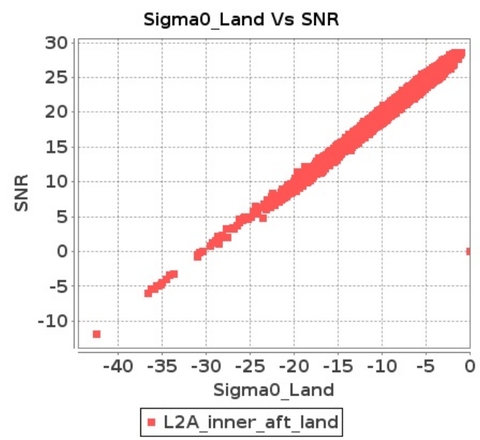
Inner Sea Aft Sigma0VsSNR



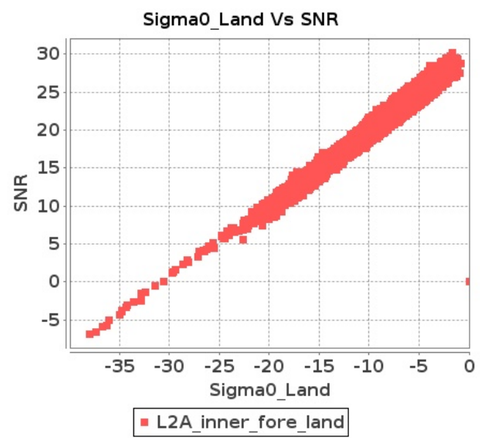
Inner Sea Fore Sigma0VsSNR



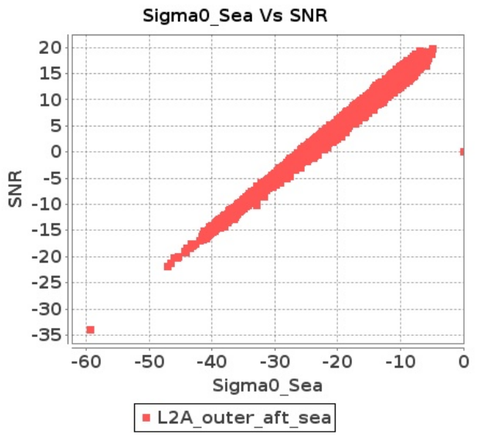
Inner Land Aft Sigma0VsSNR



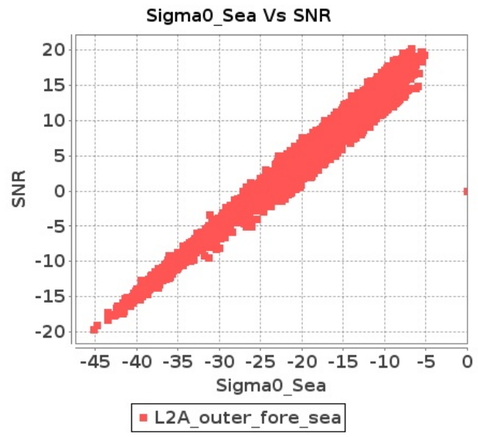
Inner Land Fore Sigma0VsSNR



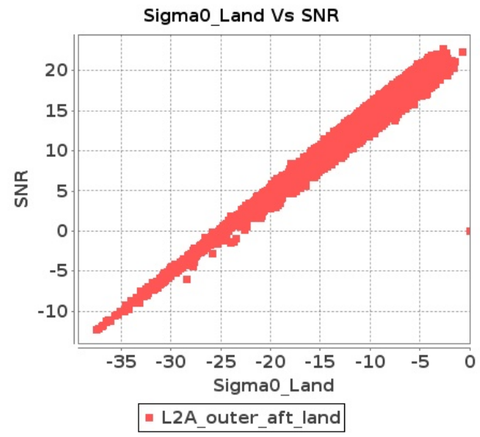
Outer Sea Aft Sigma0VsSNR



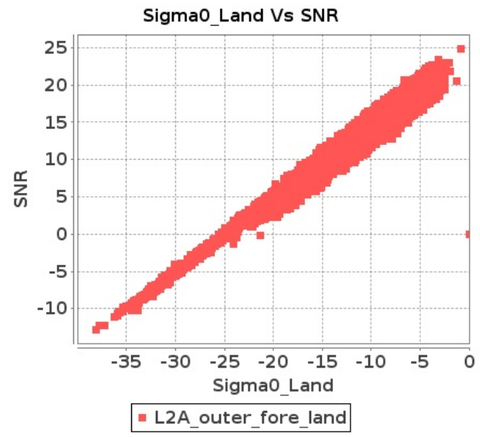
Outer Sea Fore Sigma0VsSNR



Outer Land Aft Sigma0VsSNR



Outer Land Fore Sigma0VsSNR



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

Report between 05-FEB-2019 To 06-FEB-2019

					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	12496	12497	NS	1	0.0	51.334	1.417	0.0	56.091	1.916	0.0	43.667	1.191	0.0	52.321	1.61	0.0	50.956	1.432	0.0	55.504	1.704	0.0	41.186	1.104	0.0	49.145	1.244
2	12496	12497	NS	1	0.0	52.132	6.311	0.0	52.81	7.602	0.0	48.274	4.554	0.0	53.464	5.692	0.0	51.569	6.372	0.0	56.238	7.089	0.0	48.702	4.22	0.0	50.101	4.585
3	12496	12497	SN	1	0.0	53.871	5.637	0.0	53.187	6.154	0.0	46.076	4.969	0.0	47.58	6.055	0.0	54.552	5.637	0.0	52.846	5.968	0.0	46.859	4.759	0.0	49.407	5.517
4	12496	12497	SN	1	0.0	46.096	1.679	0.0	48.027	1.838	0.0	47.149	1.408	0.0	49.261	1.891	0.0	48.778	1.647	0.0	47.551	1.746	0.0	49.436	1.377	0.0	46.602	1.682
5	12496	12497	NS	1	0.0	55.811	6.351	0.0	57.859	7.642	0.0	49.741	4.59	0.0	44.428	5.685	0.0	58.104	6.341	0.0	57.923	7.119	0.0	50.176	4.234	0.0	45.681	4.699
6	12496	12497	SN	1	0.0	46.096	1.647	0.0	48.027	1.808	0.0	47.149	1.378	0.0	49.261	1.852	0.0	48.778	1.613	0.0	47.551	1.715	0.0	49.436	1.35	0.0	46.602	1.649
7	12496	12497	SN	1	0.0	53.871	5.539	0.0	53.187	6.04	0.0	46.076	4.842	0.0	47.58	5.931	0.0	54.552	5.549	0.0	52.846	5.848	0.0	46.859	4.651	0.0	49.407	5.396
8	12496	12497	SN	1	0.0	53.871	5.539	0.0	53.187	6.04	0.0	46.076	4.842	0.0	47.58	5.931	0.0	54.552	5.549	0.0	52.846	5.848	0.0	46.859	4.651	0.0	49.407	5.396
9	12496	12497	NS	1	0.0	52.284	1.405	0.0	60.508	1.939	0.0	42.459	1.186	0.0	47.149	1.633	0.0	51.905	1.41	0.0	60.099	1.738	0.0	41.57	1.108	0.0	45.39	1.255
10	12497	12498	SN	1	0.0	47.604	4.213	0.0	54.64	5.141	0.0	42.261	4.363	0.0	49.433	5.995	0.0	47.105	4.314	0.0	55.776	5.08	0.0	43.367	4.277	0.0	49.619	5.786
11	12497	12498	SN	1	0.0	46.925	1.2	0.0	42.3	2.033	0.0	45.046	1.332	0.0	43.667	2.218	0.0	45.765	1.211	0.0	43.282	1.864	0.0	43.634	1.275	0.0	40.351	2.068
12	12497	12498	NS	1	0.0	46.303	1.817	0.0	51.591	2.24	0.0	43.777	1.742	0.0	46.664	2.115	0.0	44.997	1.882	0.0	48.962	2.168	0.0	42.725	1.752	0.0	46.029	2.092
13	12497	12498	SN	1	0.0	41.672	4.142	0.0	54.521	5.131	0.0	42.261	4.406	0.0	49.928	5.98	0.0	42.037	4.294	0.0	55.658	5.1	0.0	43.367	4.384	0.0	49.619	5.851
14	12497	12498	NS	1	0.0	46.24	1.812	0.0	51.558	2.251	0.0	42.883	1.728	0.0	48.256	2.103	0.0	44.935	1.891	0.0	48.933	2.168	0.0	41.832	1.745	0.0	46.111	2.076
15	12497	12498	NS	1	0.0	54.145	5.84	0.0	49.15	7.678	0.0	48.399	5.445	0.0	48.256	6.476	0.0	53.863	6.051	0.0	47.566	7.356	0.0	48.584	5.502	0.0	44.556	6.448
16	12497	12498	SN	1	0.0	44.133	1.195	0.0	42.668	1.965	0.0	37.589	1.331	0.0	43.327	2.205	0.0	45.655	1.206	0.0	43.649	1.822	0.0	40.078	1.26	0.0	40.088	1.996
17	12497	12498	NS	1	0.0	54.143	5.9	0.0	49.15	7.637	0.0	48.399	5.424	0.0	46.664	6.412	0.0	53.86	6.092	0.0	47.566	7.306	0.0	48.584	5.474	0.0	44.51	6.398
18	12497	12498	SN	1	0.0	47.604	4.17	0.0	54.64	5.079	0.0	42.261	4.311	0.0	49.433	5.94	0.0	47.105	4.271	0.0	55.776	5.018	0.0	43.367	4.233	0.0	49.619	5.719
19	12498	12499	NS	1	0.0	40.075	0.65	0.0	44.335	1.224	0.0	39.934	0.994	0.0	48.542	1.59	0.0	40.783	0.664	0.0	43.828	1.079	0.0	41.199	0.957	0.0	45.377	1.284
20	12498	12499	SN	1	0.0	52.593	4.76	0.0	53.591	5.207	0.0	41.532	4.535	0.0	45.66	6.071	0.0	52.559	4.801	0.0	53.404	4.912	0.0	42.498	4.577	0.0	41.843	5.77
21	12498	12499	SN	1	0.0	52.355	4.76	0.0	53.591	5.207	0.0	41.532	4.535	0.0	45.66	6.071	0.0	52.321	4.801	0.0	53.404	4.912	0.0	42.498	4.577	0.0	41.843	5.77
22	12498	12499	NS	1	0.0	58.418	2.341	0.0	48.11	3.51	0.0	44.325	3.119	0.0	44.425	4.817	0.0	59.245	2.281	0.0	49.529	3.309	0.0	45.684	3.005	0.0	45.649	4.313
23	12498	12499	NS	1	0.0	58.418	2.341	0.0	48.11	3.51	0.0	44.325	3.119	0.0	44.425	4.817	0.0	59.245	2.281	0.0	49.529	3.309	0.0	45.684	3.005	0.0	45.649	4.313
24	12498	12499	NS	1	0.0	40.075	0.65	0.0	44.335	1.224	0.0	39.934	0.994	0.0	48.542	1.59	0.0	40.783	0.664	0.0	43.828	1.079	0.0	41.199	0.957	0.0	45.377	1.284
25	12498	12499	SN	1	0.0	42.79	1.21	0.0	43.021	1.634	0.0	36.986	1.478	0.0	39.136	2.162	0.0	42.332	1.217	0.0	39.934	1.522	0.0	35.329	1.471	0.0	37.911	1.918
26	12498	12499	SN	1	0.0	42.79	1.21	0.0	43.021	1.634	0.0	36.986	1.478	0.0	39.136	2.162	0.0	42.332	1.217	0.0	39.934	1.522	0.0	35.329	1.471	0.0	37.911	1.918
27	12498	12499	SN	1	0.0	42.79	1.21	0.0	43.021	1.634	0.0	36.986	1.478	0.0	39.136	2.162	0.0	42.332	1.217	0.0	39.934	1.522	0.0	35.329	1.471	0.0	37.911	1.918
28	12499	12500	SN	1	0.0	35.412	0.997	0.0	40.026	1.308	0.0	44.719	1.227	0.0	39.326	1.748	0.0	33.468	0.974	0.0	37.706	1.232	0.0	44.406	1.155	0.0	35.842	1.472
29	12499	12500	NS	1	0.218	53.72	5.317	0.0	53.698	6.348	0.0	47.001	4.299	0.0	46.501	5.642	0.688	54.326	5.398	0.0	54.679	6.031	0.0	46.678	4.327	0.0	48.674	5.087
30	12499	12500	NS	1	0.0	44.509	1.245	0.0	50.573	1.73	0.0	43.417	1.259	0.0	41.495	1.601	0.0	45.977	1.27	0.0	49.881	1.671	0.0	42.61	1.247	0.0	42.947	1.448
31	12499	12500	SN	1	0.0	42.481	3.368	0.0	49.897	3.631	0.0	39.068	3.93	0.0	38.466	5.034	0.0	42.087	3.348	0.0	48.158	3.487	0.0	37.594	3.873	0.0	39.597	4.389

Parameter Specifications	Parameters	SNR	Sigma0
	Range	20.0	20.0

Normal Deviations

Alarming High Errors

32	12501	12502	NS	1	0.0	46.467	4.903	0.0	52.032	6.073	0.0	40.706	5.288	0.0	43.437	6.497	0.0	46.168	5.044	0.0	52.08	5.529	0.0	41.71	5.103	0.0	44.293	5.538
33	12501	12502	SN	1	0.0	43.755	1.142	0.0	44.489	1.457	0.0	41.122	1.111	0.0	44.387	1.614	0.0	44.01	1.167	0.0	41.714	1.42	0.0	39.534	1.084	0.0	44.692	1.361
34	12501	12502	SN	1	0.0	47.307	4.321	0.0	53.307	5.282	0.0	38.745	4.058	0.0	41.056	4.567	0.0	48.061	4.391	0.0	55.214	5.017	0.0	38.885	4.001	0.0	42.536	4.228
35	12501	12502	NS	1	0.0	49.125	1.493	0.0	52.74	2.01	0.0	41.241	1.499	0.0	41.981	2.086	0.0	49.04	1.432	0.0	54.329	1.869	0.0	41.278	1.43	0.0	41.587	1.716
36	12501	12502	SN	1	0.0	43.755	1.161	0.0	44.489	1.478	0.0	41.122	1.127	0.0	44.387	1.633	0.0	44.01	1.186	0.0	41.714	1.44	0.0	39.534	1.102	0.0	44.692	1.381
37	12501	12502	SN	1	0.0	47.307	4.388	0.0	53.307	5.365	0.0	38.745	4.123	0.0	41.056	4.639	0.0	48.061	4.459	0.0	55.214	5.095	0.0	38.885	4.065	0.0	42.536	4.295
38	12502	12503	SN	1	0.0	54.886	3.956	0.0	47.898	4.788	0.0	44.551	3.19	0.0	48.061	4.435	0.0	56.874	3.836	0.0	47.09	4.313	0.0	43.943	2.992	0.0	43.793	3.784
39	12502	12503	NS	1	0.0	49.674	3.117	0.0	47.006	5.04	0.0	42.431	3.111	0.0	47.86	5.494	0.0	49.847	3.137	0.0	44.734	4.396	0.0	42.772	2.947	0.0	50.917	4.514
40	12502	12503	NS	1	0.0	37.199	0.788	0.0	44.874	1.452	0.0	40.432	1.013	0.0	43.064	1.789	0.0	35.95	0.77	0.0	47.715	1.247	0.0	40.495	0.933	0.0	42.194	1.424
41	12502	12503	SN	1	0.0	49.683	1.013	0.0	43.514	1.352	0.0	42.652	0.983	0.0	43.625	1.438	0.0	49.593	0.994	0.0	43.078	1.174	0.0	45.514	0.899	0.0	43.277	1.156
42	12502	12503	SN	1	0.0	53.135	4.123	0.0	47.898	5.006	0.0	44.551	3.315	0.0	48.061	4.635	0.0	55.124	3.976	0.0	47.09	4.518	0.0	43.943	3.107	0.0	43.793	3.953
43	12503	12504	SN	1	0.0	53.172	0.716	0.0	48.084	0.944	0.0	39.032	0.673	0.0	50.646	1.157	0.0	54.345	0.696	0.0	48.571	0.844	0.0	37.162	0.607	0.0	48.833	0.887
44	12503	12504	SN	1	0.0	52.59	3.033	0.0	46.33	3.575	0.0	50.748	2.634	0.0	44.697	3.747	0.0	52.352	3.088	0.0	45.88	3.204	0.0	49.951	2.37	0.0	47.912	2.967
45	12503	12504	SN	1	0.0	52.59	2.802	0.0	46.33	3.51	0.0	50.748	2.439	0.0	44.697	3.572	0.0	52.352	2.862	0.0	45.88	3.142	0.0	49.951	2.19	0.0	47.912	2.776
46	12503	12504	NS	1	0.0	53.469	0.665	0.0	42.878	1.02	0.0	39.897	0.897	0.0	39.192	1.493	0.0	52.931	0.663	0.0	44.128	0.938	0.0	39.319	0.874	0.0	37.628	1.171
47	12503	12504	NS	1	0.0	51.555	2.367	0.0	50.182	3.478	0.0	45.233	3.225	0.0	42.788	4.54	0.0	50.836	2.367	0.0	49.033	3.147	0.0	43.634	3.14	0.0	40.929	3.902
48	12504	12505	SN	1	0.0	45.63	1.519	0.0	48.14	1.935	0.0	40.129	1.511	0.0	40.686	1.855	0.0	44.569	1.573	0.0	49.574	1.941	0.0	39.935	1.501	0.0	37.489	1.779
49	12504	12505	SN	1	0.0	52.083	5.911	0.0	50.4	6.925	0.0	39.883	4.83	0.0	47.399	5.386	0.0	52.161	5.991	0.0	51.846	6.835	0.0	38.431	4.922	0.0	50.575	5.592
50	12505	12506	SN	1	0.0	49.54	3.892	0.0	47.171	4.651	0.0	42.963	4.186	0.0	43.249	4.733	0.0	51.051	3.802	0.0	47.71	4.213	0.0	43.542	3.988	0.0	38.567	4.156
51	12505	12506	NS	1	0.0	52.705	3.734	0.0	45.451	5.785	0.0	45.497	4.861	0.0	49.835	5.984	0.0	53.268	3.683	0.0	45.566	5.522	0.0	44.149	4.875	0.0	50.006	5.527
52	12505	12506	SN	1	0.0	45.115	1.022	0.0	39.029	1.134	0.0	39.303	1.211	0.0	44.776	1.706	0.0	45.04	0.984	0.0	38.777	0.979	0.0	37.649	1.168	0.0	43.924	1.426
53	12505	12506	NS	1	0.0	56.11	1.23	0.0	50.33	1.789	0.0	44.96	1.6	0.0	44.848	2.019	0.0	56.779	1.252	0.0	49.459	1.678	0.0	42.583	1.509	0.0	42.128	1.757
54	12506	12507	NS	1	0.0	36.211	0.736	0.0	43.443	1.08	0.0	38.842	1.157	0.0	43.398	1.575	0.0	35.293	0.694	0.0	46.013	0.933	0.0	37.216	1.036	0.0	41.778	1.248
55	12506	12507	NS	1	0.0	39.69	2.634	0.0	42.035	3.585	0.0	38.839	3.501	0.0	39.153	4.634	0.0	38.479	2.562	0.0	39.61	3.155	0.0	38.507	3.385	0.0	40.342	4.07
56	12506	12507	NS	1	0.0	50.831	2.715	0.0	42.035	3.54	0.0	39.546	3.566	0.0	39.153	4.537	0.0	49.716	2.635	0.0	39.61	3.107	0.0	38.507	3.438	0.0	40.342	3.969
57	12506	12507	SN	1	0.0	46.002	3.322	0.0	45.589	4.302	0.0	46.076	3.396	0.0	46.33	4.423	0.0	47.969	3.493	0.0	45.06	3.859	0.0	45.357	3.268	0.0	45.746	4.072
58	12506	12507	SN	1	0.0	40.384	0.93	0.0	43.449	1.333	0.0	40.573	0.989	0.0	41.422	1.424	0.0	40.24	0.941	0.0	41.185	1.25	0.0	40.097	0.922	0.0	42.5	1.253
59	12506	12507	NS	1	0.0	40.264	0.711	0.0	43.41	1.07	0.0	38.842	1.145	0.0	38.762	1.508	0.0	42.424	0.688	0.0	41.435	0.928	0.0	37.216	1.049	0.0	36.062	1.219
60	12507	12508	NS	1	0.0	52.442	3.468	0.0	44.657	4.565	0.0	38.755	3.565	0.0	39.074	4.415	0.0	52.415	3.448	0.0	43.12	4.133	0.0	39.313	3.465	0.0	39.515	4.011
61	12507	12508	NS	1	0.0	49.577	0.886	0.0	43.975	1.175	0.0	38.341	1.133	0.0	41.74	1.547	0.0	50.129	0.872	0.0	44.011	1.026	0.0	39.162	1.108	0.0	36.861	1.276
62	12508	12509	SN	1	0.0	38.54	1.214	0.0	39.772	1.558	0.0	38.677	1.44	0.0	40.126	2.033	0.0	38.473	1.253	0.0	40.452	1.451	0.0	38.63	1.415	0.0	42.396	1.832
63	12508	12509	SN	1	0.0	51.264	4.25	0.0	50.25	4.782	0.0	43.287	4.496	0.0	46.534	5.656	0.0	50.418	4.29	0.0	50.491	4.701	0.0	45.563	4.538	0.0	43.28	5.107
64	12509	12510	SN	1	0.0	40.896	0.674	0.0	40.47	1.133	0.0	35.609	0.93	0.0	39.572	1.449	0.0	40.914	0.662	0.0	41.697	1.06	0.0	38.366	0.879	0.0	37.809	1.271
65	12509	12510	NS	1	0.0	44.382	0.524	0.0	54.151	0.845	0.0	40.097	0.552	0.0	40.934	0.878	0.0	44.179	0.493	0.0	51.506	0.745	0.0	39.858	0.467	0.0	40.219	0.681
66	12509	12510	NS	1	0.0	47.575	2.35	0.0	49.23	3.202	0.0	35.075	1.9	0.0	45.964	2.767	0.0	46.574	2.39	0.0	50.618	3.051	0.0	34.339	1.822	0.0	45.424	2.325
67	12509	12510	SN	1	0.0	50.005	2.881	0.0	40.522	4.205	0.0	38.822	3.092	0.0	43.956	4.193	0.0	50.355	2.941	0.0	39.738	3.953	0.0	38.07	3.113	0.0	46.739	3.865

Parameter Specifications	Parameters	SNR	Sigma0
	Range	20.0	20.0

Normal
Deviations
Alarming
High Errors

68	12509	12510	NS	1	0.0	47.575	2.605	0.0	49.23	3.641	0.0	43.806	2.141	0.0	45.964	3.107	0.0	46.574	2.674	0.0	50.618	3.479	0.0	43.411	2.076	0.0	45.424	2.619
69	12509	12510	SN	1	0.0	40.896	0.735	0.0	40.47	1.225	0.0	35.609	1.02	0.0	39.572	1.567	0.0	40.914	0.718	0.0	41.697	1.146	0.0	38.366	0.962	0.0	37.809	1.375
70	12509	12510	NS	1	0.0	44.382	0.586	0.0	54.151	0.952	0.0	40.097	0.641	0.0	40.934	0.998	0.0	44.179	0.558	0.0	51.506	0.841	0.0	39.858	0.54	0.0	40.219	0.777
71	12509	12510	SN	1	0.0	50.005	3.098	0.0	40.522	4.542	0.0	38.822	3.329	0.0	43.956	4.519	0.0	50.355	3.175	0.0	39.738	4.278	0.0	38.07	3.384	0.0	46.739	4.191
72	12510	12511	NS	1	0.011	49.011	4.175	0.0	47.091	5.879	0.0	47.25	4.669	0.0	45.865	5.669	0.113	49.467	4.125	0.0	45.704	5.226	0.0	47.009	4.313	0.0	47.449	4.81
73	12510	12511	SN	1	0.0	42.959	1.042	0.0	42.235	1.496	0.0	42.013	1.047	0.0	38.37	1.469	0.0	44.425	1.02	0.0	41.948	1.31	0.0	44.513	1.04	0.0	36.423	1.268
74	12510	12511	SN	1	0.0	53.186	4.231	0.0	53.655	5.165	0.0	48.678	3.887	0.0	43.27	5.146	0.0	53.832	4.199	0.0	54.57	4.932	0.0	49.289	3.768	0.0	41.812	4.706
75	12510	12511	NS	1	0.0	50.732	1.338	0.0	49.747	1.794	0.0	39.824	1.463	0.0	47.829	1.7	0.0	48.749	1.331	0.0	49.325	1.542	0.0	40.122	1.318	0.0	41.859	1.382

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	12496	12497	NS	1	0.0	78.305	5.824	0.0	24.553	7.747	0.0	192.327	3.617	0.0	127.965	4.019	0.0	1.426	0.0	0.0	1.82	0.0	0.0	1.9	0.0	0.0	2.182	0.0
2	12496	12497	NS	1	0.0	123.715	9.981	0.0	32.886	14.882	0.0	357.391	11.023	0.0	74.954	12.641	0.0	1.421	0.0	0.0	1.822	0.0	0.0	1.894	0.0	0.0	2.181	0.0
3	12496	12497	SN	1	0.0	32.351	12.278	0.0	24.58	12.05	0.0	143.605	10.01	0.0	20.88	11.732	0.0	1.404	0.0	0.0	1.778	0.0	0.0	1.819	0.0	0.0	2.138	0.0
4	12496	12497	SN	1	0.0	23.246	5.727	0.0	25.568	7.222	0.0	141.829	2.416	0.0	15.889	3.47	0.0	1.396	0.0	0.0	1.778	0.0	0.0	1.825	0.0	0.0	2.132	0.0
5	12496	12497	NS	1	0.0	123.715	9.981	0.0	32.886	14.882	0.0	357.391	11.023	0.0	74.954	12.641	0.0	1.421	0.0	0.0	1.822	0.0	0.0	1.894	0.0	0.0	2.181	0.0
6	12496	12497	SN	1	0.0	23.246	5.759	0.0	25.568	7.306	0.0	141.829	2.431	0.0	53.81	3.591	0.0	1.396	0.0	0.0	1.781	0.0	0.0	1.825	0.0	0.0	2.138	0.0
7	12496	12497	SN	1	0.0	32.351	12.193	0.0	24.58	12.341	0.0	143.605	9.968	0.0	84.859	12.161	0.0	1.404	0.0	0.0	1.778	0.0	0.0	1.819	0.0	0.0	2.139	0.0
8	12496	12497	SN	1	0.0	32.351	12.193	0.0	24.58	12.341	0.0	143.605	9.968	0.0	84.848	12.161	0.0	1.404	0.0	0.0	1.778	0.0	0.0	1.819	0.0	0.0	2.139	0.0
9	12496	12497	NS	1	0.0	78.305	5.824	0.0	24.553	7.745	0.0	192.327	3.617	0.0	127.965	4.019	0.0	1.426	0.0	0.0	1.82	0.0	0.0	1.9	0.0	0.0	2.182	0.0
10	12497	12498	SN	1	0.0	32.456	12.171	0.0	24.58	12.138	0.0	145.618	9.765	0.0	24.498	11.881	0.0	1.406	0.0	0.0	1.783	0.0	0.0	1.818	0.0	0.0	2.139	0.0
11	12497	12498	SN	1	0.0	23.251	5.728	0.0	25.557	7.218	0.0	148.502	2.293	0.0	18.067	3.433	0.0	1.398	0.0	0.0	1.781	0.0	0.0	1.823	0.0	0.0	2.135	0.0
12	12497	12498	NS	1	0.0	69.266	5.799	0.0	24.547	7.704	0.0	351.082	3.569	0.0	98.934	4.01	0.0	1.446	0.0	0.0	1.82	0.0	0.0	1.898	0.0	0.0	2.181	0.0
13	12497	12498	SN	1	0.0	32.456	12.171	0.0	24.58	12.138	0.0	145.618	9.764	0.0	24.498	11.874	0.0	1.406	0.0	0.0	1.783	0.0	0.0	1.818	0.0	0.0	2.139	0.0
14	12497	12498	NS	1	0.0	64.335	5.785	0.0	24.547	7.695	0.0	351.093	3.57	0.0	98.972	4.002	0.0	1.446	0.0	0.0	1.82	0.0	0.0	1.899	0.0	0.0	2.181	0.0
15	12497	12498	NS	1	0.0	58.616	9.914	0.0	32.936	14.843	0.0	204.736	11.083	0.0	71.314	12.633	0.0	1.417	0.0	0.0	1.823	0.0	0.0	1.897	0.0	0.0	2.182	0.0
16	12497	12498	SN	1	0.0	23.251	5.74	0.0	25.557	7.252	0.0	148.502	2.298	0.0	55.939	3.511	0.0	1.398	0.0	0.0	1.781	0.0	0.0	1.823	0.0	0.0	2.137	0.0
17	12497	12498	NS	1	0.0	58.616	9.924	0.0	32.941	14.843	0.0	279.955	11.076	0.0	71.287	12.626	0.0	1.417	0.0	0.0	1.823	0.0	0.0	1.897	0.0	0.0	2.182	0.0
18	12497	12498	SN	1	0.0	32.456	12.129	0.0	24.58	12.318	0.0	145.618	9.728	0.0	67.095	12.116	0.0	1.406	0.0	0.0	1.783	0.0	0.0	1.818	0.0	0.0	2.139	0.0
19	12498	12499	NS	1	0.0	95.258	5.773	0.0	24.542	7.642	0.0	351.716	3.525	0.0	114.833	3.945	0.0	1.434	0.0	0.0	1.82	0.0	0.0	1.897	0.0	0.0	2.181	0.0
20	12498	12499	SN	1	0.0	32.401	12.168	0.0	240.247	12.321	0.0	141.658	9.971	0.0	76.107	12.321	0.0	1.406	0.0	0.0	1.784	0.0	0.0	1.821	0.0	0.0	2.14	0.0
21	12498	12499	SN	1	0.0	32.401	12.158	0.0	240.247	12.311	0.0	141.658	9.971	0.0	76.107	12.328	0.0	1.406	0.0	0.0	1.784	0.0	0.0	1.821	0.0	0.0	2.14	0.0
22	12498	12499	NS	1	0.0	46.649	9.919	0.0	32.974	14.803	0.0	128.1	11.0	0.0	77.298	12.521	0.0	1.418	0.0	0.0	1.822	0.0	0.0	1.898	0.0	0.0	2.182	0.0
23	12498	12499	NS	1	0.0	46.649	9.919	0.0	32.974	14.803	0.0	128.1	11.0	0.0	77.298	12.521	0.0	1.418	0.0	0.0	1.822	0.0	0.0	1.898	0.0	0.0	2.182	0.0
24	12498	12499	NS	1	0.0	95.258	5.773	0.0	24.542	7.642	0.0	351.716	3.525	0.0	114.833	3.945	0.0	1.434	0.0	0.0	1.82	0.0	0.0	1.897	0.0	0.0	2.181	0.0
25	12498	12499	SN	1	0.0	23.268	5.765	0.0	163.296	7.338	0.0	123.784	2.467	0.0	57.444	3.622	0.0	1.398	0.0	0.0	1.781	0.0	0.0	1.825	0.0	0.0	2.136	0.0
26	12498	12499	SN	1	0.0	23.268	5.765	0.0	163.296	7.338	0.0	123.784	2.467	0.0	57.439	3.621	0.0	1.398	0.0	0.0	1.781	0.0	0.0	1.825	0.0	0.0	2.136	0.0
27	12498	12499	SN	1	0.0	23.268	5.765	0.0	163.296	7.338	0.0	123.784	2.467	0.0	57.439	3.621	0.0	1.398	0.0	0.0	1.781	0.0	0.0	1.825	0.0	0.0	2.136	0.0
28	12499	12500	SN	1	0.0	23.262	5.774	0.0	25.568	7.291	0.0	140.395	2.468	0.0	15.795	3.513	0.0	1.398	0.0	0.0	1.78	0.0	0.0	1.826	0.0	0.0	2.133	0.0
29	12499	12500	NS	1	0.006	220.636	9.838	0.0	32.98	14.726	0.0	150.471	10.982	0.0	73.057	12.624	0.0	1.424	0.0	0.0	1.822	0.0	0.0	1.888	0.0	0.0	2.18	0.0
30	12499	12500	NS	1	0.0	25.501	5.734	0.0	24.547	7.691	0.0	273.166	3.516	0.0	73.41	3.955	0.0	1.442	0.0	0.0	1.819	0.0	0.0	1.898	0.0	0.0	2.18	0.0
31	12499	12500	SN	1	0.0	32.456	12.33	0.0	57.85	12.154	0.0	138.145	10.046	0.0	21.746	11.941	0.0	1.405	0.0	0.0	1.783	0.0	0.0	1.821	0.0	0.0	2.139	0.0

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

Normal
Alarming
Deviations
High Errors

32	12501	12502	NS	1	0.0	25.187	9.867	0.0	32.836	14.694	0.0	356.559	10.811	0.0	74.839	12.447	0.0	1.413	0.0	0.0	1.821	0.0	0.0	1.892	0.0	0.0	2.179	0.0
33	12501	12502	SN	1	0.0	23.306	5.773	0.0	26.069	7.332	0.0	128.963	2.393	0.0	153.664	3.563	0.0	1.399	0.0	0.0	1.781	0.0	0.0	1.834	0.0	0.0	2.137	0.0
34	12501	12502	SN	1	0.0	31.06	12.237	0.0	24.58	12.37	0.0	132.338	9.713	0.0	120.71	12.274	0.0	1.405	0.0	0.0	1.784	0.0	0.0	1.821	0.0	0.0	2.14	0.0
35	12501	12502	NS	1	0.0	25.479	5.737	0.0	24.542	7.601	0.0	143.073	3.417	0.0	75.407	3.841	0.0	1.441	0.0	0.0	1.819	0.0	0.0	1.904	0.0	0.0	2.18	0.0
36	12501	12502	SN	1	0.0	23.306	5.75	0.0	26.069	7.281	0.0	128.963	2.382	0.0	153.664	3.455	0.0	1.399	0.0	0.0	1.78	0.0	0.0	1.827	0.0	0.0	2.136	0.0
37	12501	12502	SN	1	0.0	31.06	12.294	0.0	24.58	12.086	0.0	132.338	9.76	0.0	120.71	11.934	0.0	1.405	0.0	0.0	1.784	0.0	0.0	1.821	0.0	0.0	2.14	0.0
38	12502	12503	SN	1	0.0	32.34	12.29	0.0	24.58	12.442	0.0	126.635	10.052	0.0	78.644	12.325	0.0	1.407	0.0	0.0	1.784	0.0	0.0	1.818	0.0	0.0	2.14	0.0
39	12502	12503	NS	1	0.0	23.279	9.855	0.0	32.88	14.779	0.0	356.763	10.919	0.0	75.567	12.543	0.0	1.423	0.0	0.0	1.82	0.0	0.0	1.889	0.0	0.0	2.179	0.0
40	12502	12503	NS	1	0.0	25.49	5.768	0.0	24.547	7.643	0.0	134.095	3.494	0.0	78.594	3.924	0.0	1.44	0.0	0.0	1.819	0.0	0.0	1.898	0.0	0.0	2.181	0.0
41	12502	12503	SN	1	0.0	23.257	5.761	0.0	25.551	7.179	0.0	140.605	2.444	0.0	14.289	3.43	0.0	1.4	0.0	0.0	1.776	0.0	0.0	1.827	0.0	0.0	2.128	0.0
42	12502	12503	SN	1	0.0	32.34	12.423	0.0	24.536	11.826	0.0	126.635	10.116	0.0	15.718	11.484	0.0	1.407	0.0	0.0	1.778	0.0	0.0	1.818	0.0	0.0	2.137	0.0
43	12503	12504	SN	1	0.0	23.246	5.656	0.0	25.557	7.111	0.0	123.911	2.241	0.0	224.742	3.313	0.0	1.396	0.0	0.0	1.773	0.0	0.0	1.826	0.0	0.0	2.129	0.0
44	12503	12504	SN	1	0.0	28.706	12.394	0.0	24.227	11.567	0.0	142.055	10.007	0.0	25.973	11.216	0.0	1.405	0.0	0.0	1.777	0.0	0.0	1.819	0.0	0.0	2.137	0.0
45	12503	12504	SN	1	0.0	28.706	12.233	0.0	24.602	12.404	0.0	142.055	9.945	0.0	75.484	12.486	0.0	1.405	0.0	0.0	1.781	0.0	0.0	1.819	0.0	0.0	2.139	0.0
46	12503	12504	NS	1	0.0	25.507	5.756	0.0	24.547	7.648	0.0	353.74	3.458	0.0	106.053	3.9	0.0	1.447	0.0	0.0	1.819	0.0	0.0	1.898	0.0	0.0	2.181	0.0
47	12503	12504	NS	1	0.0	23.836	9.76	0.0	32.638	14.758	0.0	230.607	10.907	0.0	71.976	12.521	0.0	1.42	0.0	0.0	1.822	0.0	0.0	1.898	0.0	0.0	2.184	0.0
48	12504	12505	SN	1	0.0	56.38	5.788	0.0	230.519	7.271	0.0	142.337	2.387	0.0	250.114	3.614	0.0	1.398	0.0	0.0	1.785	0.0	0.0	1.834	0.0	0.0	2.135	0.0
49	12504	12505	SN	1	0.0	32.45	12.224	0.0	69.084	12.46	0.0	139.916	9.958	0.0	151.004	12.26	0.0	1.407	0.0	0.0	1.783	0.0	0.0	1.822	0.0	0.0	2.137	0.0
50	12505	12506	SN	1	0.0	31.143	12.298	0.0	69.062	12.436	0.0	136.689	9.931	0.0	68.066	12.296	0.0	1.401	0.0	0.0	1.784	0.0	0.0	1.825	0.0	0.0	2.142	0.0
51	12505	12506	NS	1	0.0	121.451	9.748	0.0	32.88	14.765	0.0	354.518	10.917	0.0	68.634	12.362	0.0	1.421	0.0	0.0	1.82	0.0	0.0	1.891	0.0	0.0	2.179	0.0
52	12505	12506	SN	1	0.0	23.268	5.815	0.0	25.551	7.381	0.0	129.933	2.444	0.0	118.851	3.642	0.0	1.398	0.0	0.0	1.782	0.0	0.0	1.837	0.0	0.0	2.136	0.0
53	12505	12506	NS	1	0.0	128.502	5.758	0.0	24.547	7.596	0.0	349.797	3.411	0.0	41.964	3.8	0.0	1.427	0.0	0.0	1.818	0.0	0.0	1.898	0.0	0.0	2.179	0.0
54	12506	12507	NS	1	0.0	239.155	5.912	0.0	24.542	7.689	0.0	357.248	3.515	0.0	14.113	3.864	0.0	1.44	0.0	0.0	1.818	0.0	0.0	1.897	0.0	0.0	2.18	0.0
55	12506	12507	NS	1	0.0	270.646	9.825	0.0	29.803	14.474	0.0	157.164	11.09	0.0	15.971	12.217	0.0	1.424	0.0	0.0	1.818	0.0	0.0	1.889	0.0	0.0	2.178	0.0
56	12506	12507	NS	1	0.0	270.646	9.831	0.0	32.825	14.763	0.0	157.164	10.89	0.0	72.93	12.439	0.0	1.424	0.0	0.0	1.818	0.0	0.0	1.889	0.0	0.0	2.178	0.0
57	12506	12507	SN	1	0.0	32.263	12.254	0.0	235.14	12.383	0.0	133.044	9.925	0.0	74.044	12.073	0.0	1.407	0.0	0.0	1.784	0.0	0.0	1.821	0.0	0.0	2.136	0.0
58	12506	12507	SN	1	0.0	23.251	5.822	0.0	170.336	7.337	0.0	115.677	2.5	0.0	64.895	3.645	0.0	1.401	0.0	0.0	1.782	0.0	0.0	1.831	0.0	0.0	2.135	0.0
59	12506	12507	NS	1	0.0	239.155	5.804	0.0	24.542	7.639	0.0	357.248	3.45	0.0	65.579	3.916	0.0	1.44	0.0	0.0	1.818	0.0	0.0	1.897	0.0	0.0	2.18	0.0
60	12507	12508	NS	1	0.0	123.71	9.879	0.0	32.869	14.781	0.0	357.32	10.916	0.0	75.831	12.529	0.0	1.42	0.0	0.0	1.821	0.0	0.0	1.89	0.0	0.0	2.178	0.0
61	12507	12508	NS	1	0.0	78.288	5.786	0.0	24.547	7.648	0.0	168.933	3.469	0.0	76.35	3.945	0.0	1.45	0.0	0.0	1.819	0.0	0.0	1.897	0.0	0.0	2.179	0.0
62	12508	12509	SN	1	0.0	23.246	5.816	0.0	66.79	7.416	0.0	146.704	2.449	0.0	171.999	3.704	0.0	1.397	0.0	0.0	1.781	0.0	0.0	1.827	0.0	0.0	2.138	0.0
63	12508	12509	SN	1	0.0	32.136	12.216	0.0	24.586	12.308	0.0	148.944	9.973	0.0	66.88	12.353	0.0	1.402	0.0	0.0	1.782	0.0	0.0	1.82	0.0	0.0	2.139	0.0
64	12509	12510	SN	1	0.0	23.251	5.839	0.0	235.14	7.376	0.0	122.957	2.507	0.0	97.762	3.684	0.0	1.398	0.0	0.0	1.782	0.0	0.0	1.826	0.0	0.0	2.137	0.0
65	12509	12510	NS	1	0.0	156.361	5.773	0.0	24.547	7.668	0.0	332.993	3.503	0.0	63.957	3.978	0.0	1.447	0.0	0.0	1.82	0.0	0.0	1.898	0.0	0.0	2.181	0.0
66	12509	12510	NS	1	0.0	157.715	9.863	0.0	32.963	14.657	0.0	354.027	11.01	0.0	72.881	12.522	0.0	1.427	0.0	0.0	1.82	0.0	0.0	1.889	0.0	0.0	2.181	0.0
67	12509	12510	SN	1	0.0	32.108	12.247	0.0	217.958	12.332	0.0	140.952	9.97	0.0	77.039	12.379	0.0	1.402	0.0	0.0	1.782	0.0	0.0	1.818	0.0	0.0	2.139	0.0
68	12509	12510	NS	1	0.0	157.715	10.108	0.0	29.803	13.985	0.0	354.027	12.545	0.0	15.161	12.436	0.0	1.427	0.0	0.0	1.82	0.0	0.0	1.889	0.0	0.0	2.181	0.0

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

Normal
Deviations
Alarming
High Errors

69	12509	12510	SN	1	0.0	23.251	5.727	0.0	235.14	7.056	0.0	122.957	2.489	0.0	97.762	3.347	0.0	1.398	0.0	0.0	1.774	0.0	0.0	1.826	0.0	0.0	2.129	0.0
70	12509	12510	NS	1	0.0	156.361	6.569	0.0	24.547	8.136	0.0	332.993	3.99	0.0	14.118	4.385	0.0	1.447	0.0	0.0	1.82	0.0	0.0	1.898	0.0	0.0	2.181	0.0
71	12509	12510	SN	1	0.0	32.108	12.459	0.0	217.958	11.56	0.0	140.952	10.012	0.0	61.214	11.117	0.0	1.402	0.0	0.0	1.78	0.0	0.0	1.818	0.0	0.0	2.139	0.0
72	12510	12511	NS	1	0.011	23.268	9.793	0.0	32.991	14.653	0.0	347.387	10.975	0.0	73.581	12.515	0.0	1.425	0.0	0.0	1.823	0.0	0.0	1.888	0.0	0.0	2.181	0.0
73	12510	12511	SN	1	0.0	23.268	5.731	0.0	230.646	7.143	0.0	130.766	2.533	0.0	14.278	3.38	0.0	1.395	0.0	0.0	1.776	0.0	0.0	1.827	0.0	0.0	2.128	0.0
74	12510	12511	SN	1	0.0	32.445	12.355	0.0	24.525	11.861	0.0	137.61	9.996	0.0	15.767	11.473	0.0	1.397	0.0	0.0	1.777	0.0	0.0	1.817	0.0	0.0	2.135	0.0
75	12510	12511	NS	1	0.0	25.501	5.784	0.0	24.553	7.654	0.0	334.769	3.47	0.0	74.171	3.933	0.0	1.446	0.0	0.0	1.819	0.0	0.0	1.898	0.0	0.0	2.18	0.0

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

Normal
Alarming
Deviations
High Errors