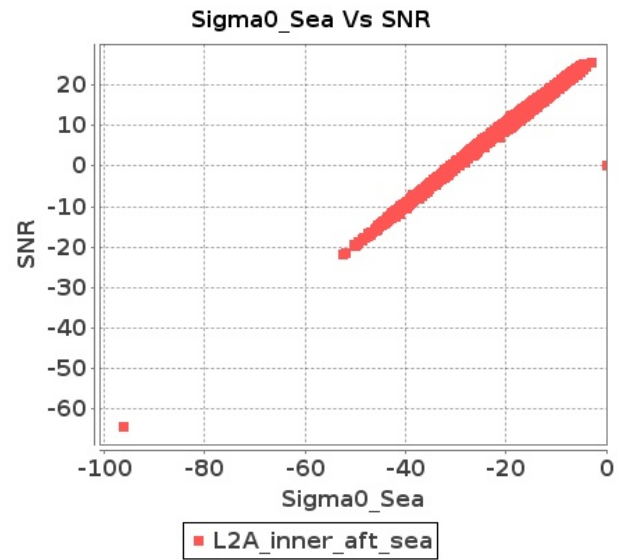


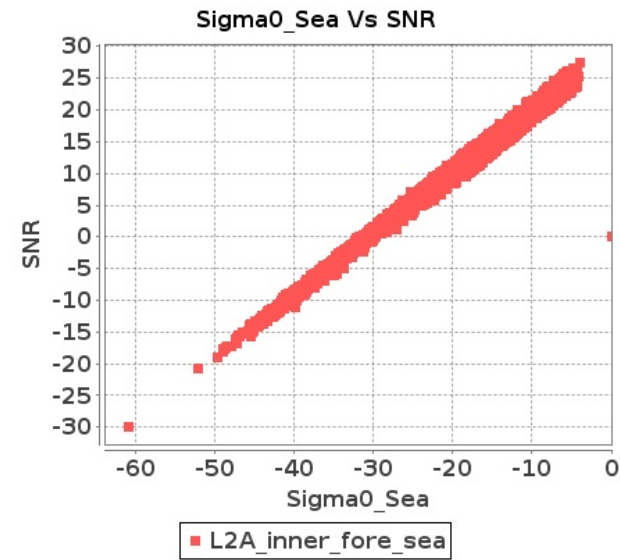
# SCATSAT-1 Scatterometer Level-2A Data Quality Cycle wise Report

Report between 17-AUG-2018 To 18-AUG-2018

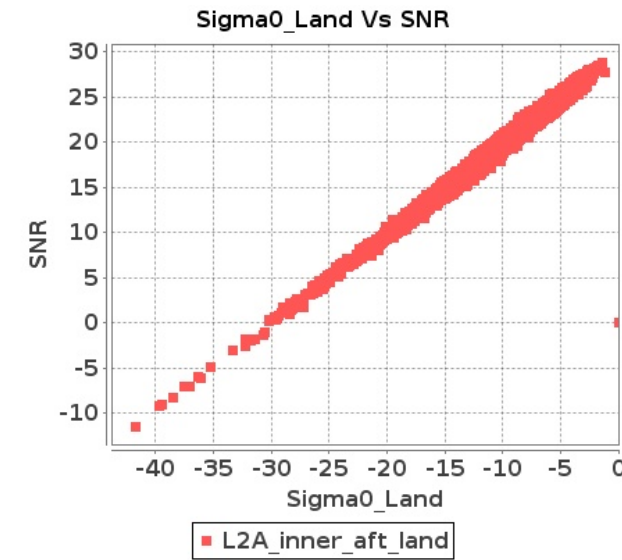
### Inner Sea Aft Sigma0VsSNR



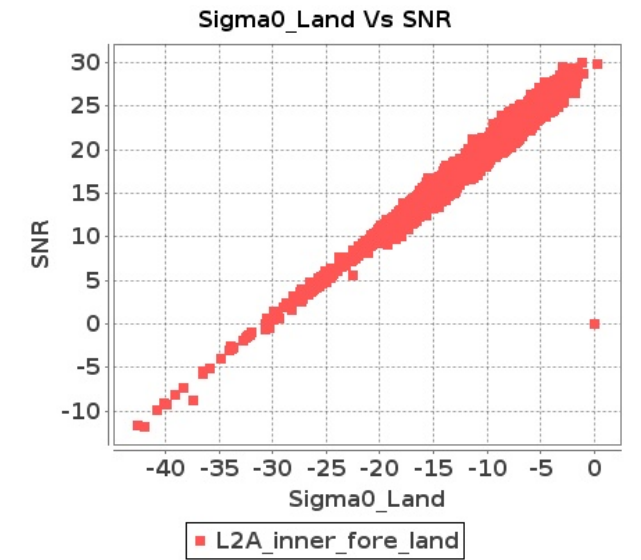
### Inner Sea Fore Sigma0VsSNR



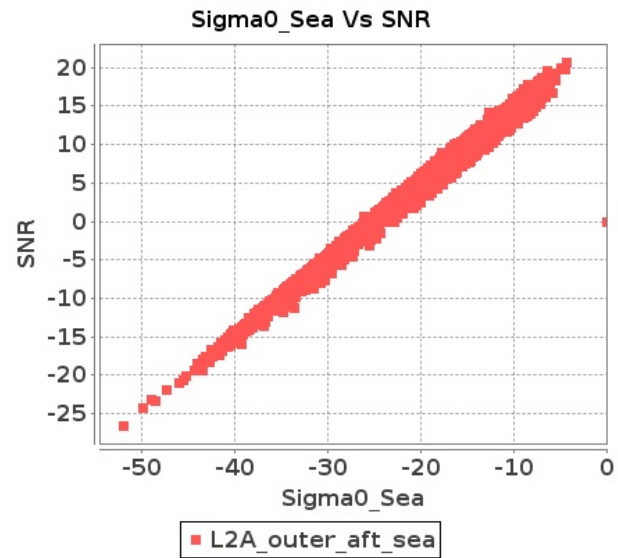
### Inner Land Aft Sigma0VsSNR



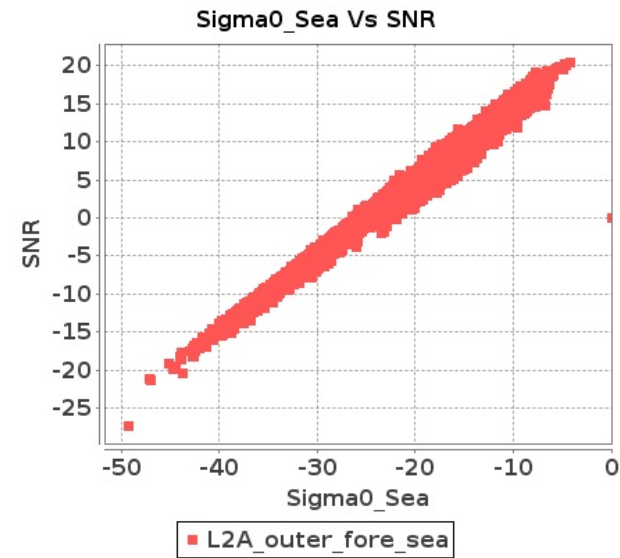
### Inner Land Fore Sigma0VsSNR



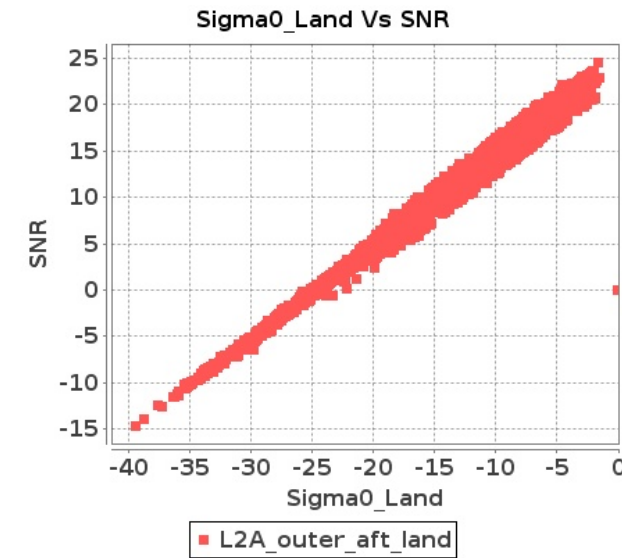
### Outer Sea Aft Sigma0VsSNR



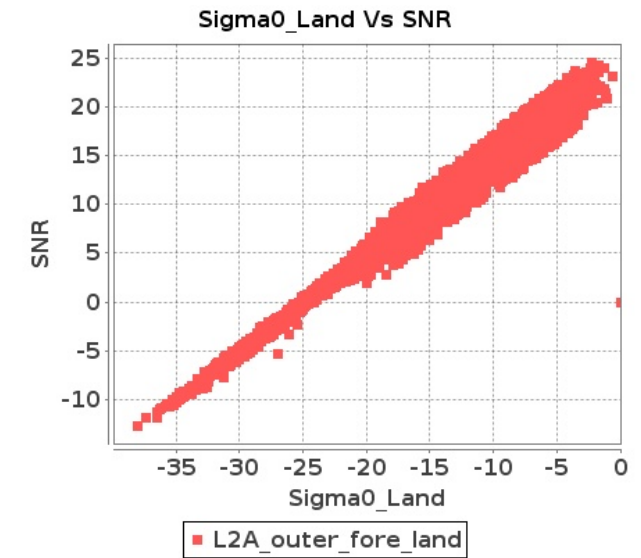
### Outer Sea Fore Sigma0VsSNR



### Outer Land Aft Sigma0VsSNR



### Outer Land Fore Sigma0VsSNR



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

Report between 17-AUG-2018 To 18-AUG-2018

Sr No	Start Orbit	End Orbit	Dir.	Ver.	SNR												Sigma0											
					Inner Aft			Inner Fore			Outer Aft			Outer Fore			Inner Aft			Inner Fore			Outer Aft			Outer Fore		
					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	10002	10003	SN	1	0.0	42.16	1.156	0.0	50.701	1.544	0.0	41.146	0.972	0.0	41.61	1.169	0.0	43.137	1.143	0.0	51.841	1.363	0.0	41.397	0.86	0.0	39.866	0.877
2	10002	10003	SN	1	0.0	49.481	4.99	0.0	50.743	5.854	0.0	46.724	3.433	0.0	46.86	4.528	0.0	50.975	4.93	0.0	52.284	5.6	0.0	46.513	3.085	0.0	46.535	3.682
3	10002	10003	NS	1	0.0	52.945	7.668	0.0	60.075	8.613	0.0	44.933	5.464	0.0	44.775	6.824	0.0	53.24	7.749	0.0	57.408	8.227	0.0	44.853	5.28	0.0	43.045	5.87
4	10002	10003	NS	1	0.0	52.897	1.651	0.0	56.346	2.251	0.0	44.694	1.406	0.0	44.136	1.98	0.0	54.823	1.694	0.0	53.358	1.978	0.0	44.035	1.343	0.0	42.353	1.694
5	10003	10004	SN	1	0.0	44.439	4.338	0.0	45.46	5.199	0.0	46.596	3.984	0.0	39.134	5.285	0.0	45.561	4.317	0.0	46.021	4.829	0.0	44.654	4.049	0.0	37.18	4.983
6	10003	10004	NS	1	0.0	47.173	0.699	0.0	45.033	1.095	0.0	47.146	0.65	0.0	38.96	0.991	0.0	45.844	0.681	0.0	44.935	0.973	0.0	46.373	0.592	0.0	41.719	0.844
7	10003	10004	NS	1	0.0	45.748	2.988	0.0	47.454	3.808	0.0	39.237	2.399	0.0	45.612	3.215	0.0	46.778	2.948	0.0	45.285	3.717	0.0	39.452	2.299	0.0	45.658	2.76
8	10003	10004	SN	1	0.0	44.323	1.204	0.0	41.03	1.698	0.0	40.233	1.183	0.0	43.547	1.823	0.0	45.73	1.222	0.0	40.499	1.586	0.0	39.779	1.185	0.0	40.57	1.681
9	10010	10011	NS	1	0.0	48.174	5.754	0.0	53.101	6.468	0.0	44.264	4.79	0.0	47.827	6.032	0.0	48.498	5.866	0.0	50.579	6.072	0.0	44.992	4.542	0.0	50.132	5.456
10	10010	10011	NS	1	0.0	54.219	1.493	0.0	49.925	2.031	0.0	38.556	1.268	0.0	45.206	1.952	0.0	53.831	1.511	0.0	51.383	1.87	0.0	39.24	1.165	0.0	45.16	1.659
11	10016	10017	SN	1	0.0	40.819	1.125	0.0	44.741	1.374	0.0	46.856	1.028	0.0	43.526	1.455	0.0	40.801	1.089	0.0	43.438	1.193	0.0	43.095	0.969	0.0	39.178	1.19
12	10016	10017	SN	1	0.0	40.819	1.176	0.0	44.741	1.452	0.0	46.856	1.038	0.0	43.526	1.503	0.0	40.801	1.135	0.0	43.438	1.257	0.0	43.095	0.982	0.0	39.178	1.217
13	10016	10017	SN	1	0.0	46.238	4.018	1.516	49.789	4.606	0.0	42.646	3.806	0.0	46.173	5.048	0.0	45.696	4.039	1.225	50.169	4.157	0.0	42.67	3.678	0.0	44.637	4.472
14	10016	10017	SN	1	0.0	44.323	3.887	1.516	48.511	4.474	0.0	42.889	3.755	0.0	41.682	4.868	0.0	45.696	3.847	1.225	49.634	3.997	0.0	42.913	3.634	0.0	42.937	4.364
15	10016	10017	SN	1	0.0	44.323	3.887	1.516	48.511	4.474	0.0	42.889	3.755	0.0	41.682	4.868	0.0	45.696	3.847	1.225	49.634	3.997	0.0	42.913	3.634	0.0	42.937	4.364
16	10016	10017	SN	1	0.0	40.819	1.125	0.0	44.741	1.374	0.0	46.856	1.028	0.0	43.526	1.455	0.0	40.801	1.089	0.0	43.438	1.193	0.0	43.095	0.969	0.0	39.178	1.19
17	10017	10018	SN	1	0.0	54.377	2.769	0.0	39.501	3.369	0.0	44.009	2.631	0.0	47.123	3.213	0.0	56.12	2.83	0.0	38.156	3.054	0.0	44.09	2.567	0.0	43.021	2.595
18	10017	10018	SN	1	0.0	40.689	0.836	0.0	43.078	1.037	0.0	38.994	0.706	0.0	37.103	0.93	0.0	39.801	0.797	0.0	41.806	0.94	0.0	37.882	0.676	0.0	38.84	0.793
19	10017	10018	NS	1	0.0	56.563	0.717	0.0	44.869	1.015	0.0	39.414	0.662	0.0	40.169	0.979	0.0	56.193	0.724	0.0	45.665	0.921	0.0	39.479	0.608	0.0	37.557	0.801
20	10017	10018	NS	1	0.0	46.483	3.232	0.0	51.167	4.031	0.0	46.975	2.817	0.0	47.829	3.421	0.0	46.783	3.272	0.0	48.745	3.747	0.0	45.618	2.654	0.0	47.692	2.753
21	10018	10019	SN	1	0.0	45.438	3.204	0.0	47.744	4.284	0.0	47.327	3.326	0.0	40.652	4.828	0.0	45.289	3.295	0.0	50.401	3.797	0.0	44.605	3.319	0.0	39.56	4.402
22	10018	10019	SN	1	0.0	41.888	1.023	0.0	50.081	1.257	0.0	37.026	1.004	0.0	41.805	1.596	0.0	42.472	1.028	0.0	52.15	1.167	0.0	38.002	0.917	0.0	42.484	1.386
23	10018	10019	SN	1	0.0	41.888	1.038	0.0	50.081	1.273	0.0	37.026	1.018	0.0	41.805	1.615	0.0	42.472	1.042	0.0	52.15	1.181	0.0	38.002	0.93	0.0	42.484	1.404
24	10018	10019	SN	1	0.0	45.438	3.25	0.0	47.744	4.339	0.0	47.327	3.366	0.0	40.652	4.884	0.0	45.289	3.343	0.0	50.401	3.846	0.0	44.605	3.359	0.0	39.56	4.451
25	10018	10019	NS	1	0.0	40.663	0.392	0.0	46.221	0.681	0.0	42.872	0.515	0.0	40.578	0.724	0.0	41.642	0.395	0.0	47.352	0.608	0.0	38.991	0.439	0.0	38.088	0.611
26	10018	10019	NS	1	0.0	48.095	2.147	0.0	49.9	2.822	0.0	49.241	1.83	0.0	42.957	2.696	0.0	49.207	2.107	0.0	52.349	2.619	0.0	48.226	1.724	0.0	44.849	2.169
27	10019	10020	SN	1	0.0	44.015	3.508	0.0	45.106	4.599	0.0	41.562	3.568	0.0	42.151	4.899	0.0	44.008	3.427	0.0	45.809	4.122	0.0	39.683	3.419	0.0	40.699	4.402
28	10019	10020	NS	1	0.0	41.939	0.686	0.0	47.985	1.146	0.0	41.195	0.688	0.0	43.174	1.191	0.0	42.264	0.706	0.0	47.805	1.176	0.0	38.737	0.675	0.0	46.126	1.094
29	10019	10020	NS	1	0.0	47.269	1.976	0.0	44.685	3.005	0.0	46.939	2.777	0.0	51.9	3.777	0.0	47.432	1.966	0.0	44.827	2.7	0.0	48.174	2.727	0.0	51.469	3.393
30	10019	10020	SN	1	0.0	41.672	0.829	0.0	45.155	1.248	0.0	43.444	1.19	0.0	38.785	1.71	0.0	41.736	0.822	0.0	46.966	1.115	0.0	42.058	1.13	0.0	36.246	1.404
31	10020	10021	NS	1	0.0	50.24	3.631	0.0	52.154	4.508	0.0	41.996	2.889	0.0	44.888	2.96	0.0	50.289	3.763	0.0	56.179	4.294	0.0	41.063	2.726	0.0	42.594	2.704

Parameter Specifications	Parameters	SNR	Sigma0	<span style="color: green;">■</span> Normal <span style="color: orange;">■</span> Alarming <span style="color: red;">■</span> High Errors	<span style="color: yellow;">■</span> Deviations <span style="color: red;">■</span> High Errors
	Range	20.0	20.0		

32	10020	10021	SN	1	0.0	38.474	1.402	0.0	43.082	1.982	0.0	40.582	1.59	0.0	36.831	2.177	0.0	40.693	1.44	0.0	41.1	1.862	0.0	40.088	1.55	0.0	35.96	1.948
33	10020	10021	NS	1	0.0	46.955	0.808	0.0	45.145	1.114	0.0	41.458	0.67	0.0	44.552	0.837	0.0	47.394	0.813	0.0	44.385	1.048	0.0	40.88	0.647	0.0	42.227	0.69
34	10020	10021	SN	1	0.0	48.918	5.474	0.0	49.133	6.97	0.0	39.38	4.725	0.0	43.649	6.503	0.0	50.219	5.627	0.0	47.195	6.96	0.0	41.18	4.668	0.0	42.485	6.119
35	10021	10022	NS	1	0.0	40.858	1.543	0.0	52.747	1.938	0.0	38.537	1.341	0.0	45.958	1.572	0.0	41.351	1.568	0.0	50.09	1.913	0.0	36.381	1.348	0.0	47.166	1.51
36	10021	10022	SN	1	0.0	48.797	6.537	0.0	48.28	8.308	0.0	43.865	5.623	0.0	45.233	7.82	0.0	50.061	6.537	0.0	45.676	7.552	0.0	44.252	5.497	0.0	44.097	7.268
37	10021	10022	SN	1	0.0	51.668	6.876	0.0	48.28	8.974	0.0	43.865	5.708	0.0	45.233	7.879	0.0	53.654	6.957	0.0	45.676	8.263	0.0	44.252	5.566	0.0	44.097	7.338
38	10021	10022	SN	1	0.0	48.847	6.835	0.0	44.153	9.116	0.0	44.871	5.694	0.0	43.57	7.85	0.0	48.273	6.794	0.0	44.657	8.243	0.0	43.217	5.58	0.0	43.243	7.424
39	10021	10022	NS	1	0.0	55.345	6.313	0.0	53.324	6.6	0.0	43.22	4.691	0.0	50.18	5.237	0.0	53.821	6.353	0.0	53.697	6.326	0.0	43.481	4.769	0.0	49.025	4.824
40	10021	10022	NS	1	0.0	50.468	6.375	0.0	52.731	6.548	0.0	46.709	4.721	0.0	50.23	5.405	0.0	50.072	6.315	0.0	53.189	6.477	0.0	46.27	4.856	0.0	46.98	4.972
41	10021	10022	SN	1	0.0	41.866	1.864	0.0	45.039	2.46	0.0	44.745	1.857	0.0	42.775	2.613	0.0	42.34	1.786	0.0	43.587	2.172	0.0	42.824	1.732	0.0	38.392	2.304
42	10021	10022	SN	1	0.0	47.907	1.895	0.0	45.039	2.516	0.0	40.389	1.838	0.0	42.775	2.581	0.0	48.381	1.809	0.0	44.853	2.245	0.0	38.699	1.713	0.0	38.392	2.306
43	10021	10022	SN	1	0.0	43.112	1.852	0.0	45.157	2.496	0.0	39.493	1.85	0.0	41.272	2.62	0.0	43.228	1.823	0.0	43.392	2.265	0.0	38.274	1.708	0.0	37.567	2.322
44	10021	10022	NS	1	0.0	52.796	1.51	0.0	46.192	1.956	0.0	38.771	1.258	0.0	46.548	1.561	0.0	53.74	1.546	0.0	46.886	1.847	0.0	36.342	1.223	0.0	45.32	1.501
45	10022	10023	NS	1	0.0	47.638	4.103	0.0	51.766	5.219	0.0	43.797	4.237	0.0	44.713	5.443	0.0	47.613	4.265	0.0	53.219	4.904	0.0	45.987	4.308	0.0	40.827	5.009
46	10022	10023	SN	1	0.0	46.817	1.352	0.0	50.527	2.279	0.0	40.556	1.397	0.0	44.753	2.092	0.0	46.157	1.352	0.0	49.87	2.09	0.0	40.16	1.32	0.0	41.075	1.817
47	10022	10023	SN	1	0.0	49.071	5.211	0.05	53.16	7.487	0.0	44.257	4.817	0.0	50.686	6.723	0.0	48.656	5.201	0.437	53.569	7.132	0.0	42.406	4.562	0.0	51.931	6.297
48	10022	10023	NS	1	0.0	43.383	1.166	0.0	39.192	1.5	0.0	41.302	1.366	0.0	43.205	1.895	0.0	43.269	1.175	0.0	38.541	1.416	0.0	40.778	1.359	0.0	41.288	1.618
49	10022	10023	NS	1	0.0	44.509	4.011	0.0	48.681	5.484	0.0	41.283	4.193	0.0	43.769	5.152	0.0	45.076	4.153	0.0	49.524	5.231	0.0	42.346	4.406	0.0	42.286	4.874
50	10022	10023	SN	1	0.0	49.071	4.897	0.05	53.16	7.366	0.0	44.257	4.592	0.0	50.686	6.687	0.0	48.656	4.845	0.437	53.569	7.063	0.0	42.406	4.298	0.0	51.931	6.283
51	10022	10023	NS	1	0.0	40.069	1.116	0.0	40.165	1.478	0.0	42.657	1.371	0.0	42.543	1.757	0.0	40.772	1.114	0.0	39.277	1.383	0.0	43.05	1.342	0.0	40.681	1.581
52	10022	10023	SN	1	0.0	46.817	1.382	0.0	50.527	2.282	0.0	40.556	1.466	0.0	44.753	2.109	0.0	46.157	1.395	0.0	49.87	2.113	0.0	40.16	1.371	0.0	41.075	1.877
53	10023	10024	NS	1	0.0	45.968	4.477	0.0	52.194	5.858	0.0	48.342	4.62	0.0	42.643	6.048	0.0	47.668	4.538	0.0	52.03	5.513	0.0	45.343	4.499	0.0	43.278	5.806
54	10023	10024	NS	1	0.0	45.968	4.487	0.0	52.194	5.858	0.0	48.342	4.592	0.0	42.643	6.069	0.0	47.668	4.518	0.0	52.03	5.523	0.0	45.343	4.471	0.0	43.278	5.813
55	10023	10024	SN	1	0.0	56.846	6.161	1.378	52.6	8.228	0.0	45.943	4.805	0.0	52.162	5.581	0.0	56.284	6.217	0.29	54.417	7.793	0.0	44.194	4.603	0.0	48.32	4.918
56	10023	10024	NS	1	0.0	42.884	1.234	0.0	44.257	1.778	0.0	39.557	1.472	0.0	45.282	2.109	0.0	43.667	1.211	0.0	43.159	1.635	0.0	38.991	1.419	0.0	43.806	1.883
57	10023	10024	NS	1	0.0	42.884	1.248	0.0	49.769	1.771	0.0	39.557	1.476	0.0	45.282	2.117	0.0	43.667	1.23	0.0	48.669	1.637	0.0	38.991	1.422	0.0	43.806	1.881
58	10023	10024	SN	1	0.0	49.413	1.662	0.0	52.966	2.239	0.0	41.771	1.077	0.0	51.815	1.558	0.0	49.896	1.65	0.0	53.425	2.038	0.0	41.479	1.022	0.0	49.671	1.348
59	10023	10024	SN	1	0.0	56.846	6.201	1.378	52.6	8.319	0.0	45.943	5.006	0.0	52.162	5.998	0.0	56.284	6.262	0.29	54.417	7.903	0.0	44.194	4.843	0.0	48.32	5.351
60	10023	10024	SN	1	0.0	56.846	6.201	1.378	52.6	8.329	0.0	45.943	4.999	0.0	52.162	5.998	0.0	56.284	6.272	0.29	54.417	7.893	0.0	44.194	4.85	0.0	48.32	5.344
61	10023	10024	SN	1	0.0	49.413	1.636	0.0	52.966	2.241	0.0	41.771	1.132	0.0	51.815	1.632	0.0	49.896	1.62	0.0	53.425	2.063	0.0	41.479	1.077	0.0	49.671	1.449
62	10023	10024	SN	1	0.0	49.413	1.636	0.0	52.966	2.241	0.0	41.771	1.139	0.0	51.815	1.627	0.0	49.896	1.622	0.0	53.425	2.065	0.0	41.479	1.088	0.0	49.671	1.44
63	10024	10025	SN	1	0.0	51.854	3.165	0.0	47.778	4.17	0.0	40.948	2.282	0.0	43.31	3.341	0.0	50.952	3.155	0.0	46.738	3.846	0.0	41.342	2.154	0.0	40.33	2.844
64	10024	10025	NS	1	0.786	50.848	6.17	0.0	49.051	6.884	0.0	47.979	5.201	0.0	55.209	6.181	0.333	52.901	6.342	0.0	52.198	6.732	0.0	45.624	5.222	0.0	55.638	6.046
65	10024	10025	SN	1	0.0	42.219	0.646	0.0	46.068	1.001	0.0	42.894	0.664	0.0	38.409	1.045	0.0	41.608	0.648	0.0	43.807	0.913	0.0	41.835	0.591	0.0	37.75	0.841
66	10024	10025	NS	1	0.0	46.498	1.606	0.0	47.436	1.977	0.0	40.859	1.489	0.0	49.467	2.052	0.0	47.171	1.567	0.0	45.223	1.845	0.0	40.997	1.465	0.0	51.682	2.023
67	10024	10025	NS	1	0.786	50.895	6.16	0.0	48.893	6.894	0.0	47.979	5.187	0.0	55.183	6.174	0.333	52.949	6.342	0.0	52.038	6.752	0.0	45.624	5.215	0.0	55.612	6.025

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

68	10024	10025	NS	1	0.0	46.378	1.606	0.0	47.436	1.988	0.0	40.805	1.477	0.0	49.343	2.052	0.0	47.05	1.57	0.0	45.223	1.868	0.0	39.406	1.465	0.0	51.559	2.032
69	10025	10026	NS	1	0.0	46.985	1.695	0.0	47.58	2.261	0.0	44.719	1.181	0.0	43.584	2.05	0.0	45.906	1.675	0.0	47.529	2.116	0.0	44.249	1.129	0.0	44.222	1.82
70	10025	10026	NS	1	0.13	46.682	6.392	0.0	58.009	7.452	0.0	46.254	4.944	0.0	47.872	6.544	0.659	48.098	6.473	0.0	57.161	7.218	0.0	46.136	4.909	0.0	45.746	6.295

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

Sr No	Start Orbit	End Orbit	Dir.	Ver.	Azimuth Angle												Incidence Angle											
					Inner Aft			Inner Fore			Outer Aft			Outer Fore			Inner Aft			Inner Fore			Outer Aft			Outer Fore		
					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	10002	10003	SN	1	0.0	22.898	6.105	0.0	95.765	6.846	0.0	134.527	2.377	0.0	241.907	3.1	0.0	1.431	0.0	1.777	0.0	0.0	1.838	0.0	0.0	2.133	0.0	
2	10002	10003	SN	1	0.0	30.906	12.466	0.0	128.695	12.661	0.0	137.77	9.753	0.0	229.234	12.788	0.0	1.445	0.0	1.78	0.0	0.0	1.821	0.0	0.0	2.136	0.0	
3	10002	10003	NS	1	0.0	209.027	10.413	0.0	32.836	14.727	0.0	139.135	11.049	0.0	77.607	13.74	0.0	1.397	0.0	1.773	0.0	0.0	1.822	0.0	0.0	2.124	0.0	
4	10002	10003	NS	1	0.0	158.766	5.896	0.0	24.205	7.347	0.0	128.205	2.324	0.0	51.874	3.631	0.0	1.414	0.0	1.773	0.0	0.0	1.833	0.0	0.0	2.129	0.0	
5	10003	10004	SN	1	0.0	31.022	12.479	0.0	45.987	12.526	0.0	137.169	9.855	0.0	152.44	12.702	0.0	1.448	0.0	1.781	0.0	0.0	1.817	0.0	0.0	2.136	0.0	
6	10003	10004	NS	1	0.0	53.372	5.901	0.0	97.836	7.328	0.0	199.767	2.375	0.0	108.1	3.645	0.0	1.413	0.0	1.773	0.0	0.0	1.831	0.0	0.0	2.128	0.0	
7	10003	10004	NS	1	0.0	161.239	10.403	0.0	94.113	14.746	0.0	259.759	10.978	0.0	108.061	13.849	0.0	1.398	0.0	1.773	0.0	0.0	1.817	0.0	0.0	2.129	0.0	
8	10003	10004	SN	1	0.0	22.909	6.137	0.0	127.485	6.881	0.0	129.856	2.424	0.0	69.591	3.05	0.0	1.432	0.0	1.777	0.0	0.0	1.837	0.0	0.0	2.135	0.0	
9	10010	10011	NS	1	0.0	91.282	10.374	0.0	32.803	14.734	0.0	205.516	11.099	0.0	72.688	13.749	0.0	1.397	0.0	1.775	0.0	0.0	1.819	0.0	0.0	2.129	0.0	
10	10010	10011	NS	1	0.0	152.986	5.914	0.0	24.194	7.4	0.0	269.317	2.342	0.0	64.25	3.711	0.0	1.415	0.0	1.774	0.0	0.0	1.83	0.0	0.0	2.129	0.0	
11	10016	10017	SN	1	0.0	22.926	6.036	0.0	25.821	6.769	0.0	129.724	2.16	0.0	62.0	3.087	0.0	1.433	0.0	1.775	0.0	0.0	1.835	0.0	0.0	2.131	0.0	
12	10016	10017	SN	1	0.0	22.926	6.188	0.0	25.821	6.818	0.0	129.724	2.274	0.0	12.905	3.032	0.0	1.433	0.0	1.775	0.0	0.0	1.835	0.0	0.0	2.131	0.0	
13	10016	10017	SN	1	0.0	31.049	12.374	0.243	75.387	12.354	0.0	122.632	10.106	0.0	14.058	11.984	0.0	1.448	0.002	1.777	0.0	0.0	1.821	0.0	0.0	2.131	0.0	
14	10016	10017	SN	1	0.0	31.049	12.331	0.243	75.387	12.763	0.0	122.632	9.693	0.0	80.908	12.636	0.0	1.448	0.002	1.777	0.0	0.0	1.821	0.0	0.0	2.131	0.0	
15	10016	10017	SN	1	0.0	31.049	12.331	0.243	75.387	12.763	0.0	122.632	9.693	0.0	80.908	12.636	0.0	1.448	0.002	1.777	0.0	0.0	1.821	0.0	0.0	2.131	0.0	
16	10016	10017	SN	1	0.0	22.926	6.036	0.0	25.821	6.769	0.0	129.724	2.16	0.0	62.0	3.087	0.0	1.433	0.0	1.775	0.0	0.0	1.835	0.0	0.0	2.131	0.0	
17	10017	10018	SN	1	0.0	99.204	12.477	0.0	49.29	12.835	0.0	154.966	9.89	0.0	78.125	12.681	0.0	1.447	0.0	1.775	0.0	0.0	1.84	0.0	0.0	2.134	0.0	
18	10017	10018	SN	1	0.0	134.803	6.082	0.0	25.816	6.76	0.0	154.894	2.232	0.0	61.349	3.089	0.0	1.433	0.0	1.775	0.0	0.0	1.836	0.0	0.0	2.132	0.0	
19	10017	10018	NS	1	0.0	24.613	5.956	0.0	24.189	7.518	0.0	279.624	2.269	0.0	65.016	3.735	0.0	1.415	0.0	1.776	0.0	0.0	1.833	0.0	0.0	2.131	0.0	
20	10017	10018	NS	1	0.0	22.325	10.364	0.0	32.059	14.804	0.0	218.088	11.091	0.0	73.394	13.806	0.0	1.399	0.0	1.776	0.0	0.0	1.82	0.0	0.0	2.132	0.0	
21	10018	10019	SN	1	0.0	31.176	12.401	0.0	219.77	12.832	0.0	143.517	9.709	0.0	79.309	12.778	0.0	1.448	0.0	1.778	0.0	0.0	1.825	0.0	0.0	2.131	0.0	
22	10018	10019	SN	1	0.0	22.904	6.068	0.0	171.183	6.787	0.0	122.968	2.167	0.0	79.309	3.114	0.0	1.433	0.0	1.775	0.0	0.0	1.833	0.0	0.0	2.132	0.0	
23	10018	10019	SN	1	0.0	22.904	6.123	0.0	171.183	6.796	0.0	122.968	2.199	0.0	79.309	3.039	0.0	1.433	0.0	1.775	0.0	0.0	1.833	0.0	0.0	2.132	0.0	
24	10018	10019	SN	1	0.0	31.176	12.415	0.0	219.77	12.73	0.0	143.517	9.81	0.0	79.309	12.584	0.0	1.448	0.0	1.778	0.0	0.0	1.825	0.0	0.0	2.131	0.0	
25	10018	10019	NS	1	0.0	265.192	5.931	0.0	24.178	7.471	0.0	261.582	2.281	0.0	54.152	3.717	0.0	1.416	0.0	1.775	0.0	0.0	1.831	0.0	0.0	2.131	0.0	
26	10018	10019	NS	1	0.0	40.384	10.351	0.0	31.8	14.811	0.0	167.703	11.081	0.0	72.958	13.863	0.0	1.398	0.0	1.774	0.0	0.0	1.823	0.0	0.0	2.131	0.0	
27	10019	10020	SN	1	0.0	31.193	12.411	0.0	23.841	12.761	0.0	155.898	9.66	0.0	120.539	12.75	0.0	1.446	0.0	1.779	0.0	0.0	1.826	0.0	0.0	2.132	0.0	
28	10019	10020	NS	1	0.0	79.48	5.925	0.0	24.189	7.416	0.0	353.255	2.261	0.0	55.746	3.718	0.0	1.416	0.0	1.776	0.0	0.0	1.832	0.0	0.0	2.132	0.0	
29	10019	10020	NS	1	0.0	213.009	10.369	0.0	32.312	14.79	0.0	353.255	11.085	0.0	74.508	13.841	0.0	1.398	0.0	1.776	0.0	0.0	1.823	0.0	0.0	2.129	0.0	
30	10019	10020	SN	1	0.0	22.915	6.046	0.0	25.827	6.8	0.0	154.723	2.162	0.0	119.292	3.123	0.0	1.432	0.0	1.776	0.0	0.0	1.834	0.0	0.0	2.132	0.0	
31	10020	10021	NS	1	0.0	269.73	10.326	0.0	32.831	14.853	0.0	249.777	10.981	0.0	66.445	13.789	0.0	1.411	0.0	1.777	0.0	0.0	1.832	0.0	0.0	2.131	0.0	

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

32	10020	10021	SN	1	0.0	22.92	6.059	0.0	25.816	6.81	0.0	121.738	2.174	0.0	59.653	3.115	0.0	1.432	0.0	0.0	1.775	0.0	0.0	1.834	0.0	0.0	2.131	0.0
33	10020	10021	NS	1	0.0	258.634	5.914	0.0	24.189	7.447	0.0	247.701	2.288	0.0	113.813	3.715	0.0	1.434	0.0	0.0	1.775	0.0	0.0	1.831	0.0	0.0	2.131	0.0
34	10020	10021	SN	1	0.0	31.149	12.378	0.0	219.439	12.752	0.0	132.691	9.741	0.0	74.403	12.671	0.0	1.447	0.0	0.0	1.777	0.0	0.0	1.814	0.0	0.0	2.132	0.0
35	10021	10022	NS	1	0.0	236.701	5.945	0.0	24.194	7.531	0.0	331.482	2.266	0.0	141.305	3.724	0.0	1.416	0.0	0.0	1.775	0.0	0.0	1.833	0.0	0.0	2.131	0.0
36	10021	10022	SN	1	0.0	31.105	12.458	0.0	146.895	12.477	0.0	134.092	10.057	0.0	216.891	12.054	0.0	1.446	0.0	0.0	1.778	0.0	0.0	1.825	0.0	0.0	2.132	0.0
37	10021	10022	SN	1	0.0	31.105	12.402	0.0	146.895	12.841	0.0	134.092	9.71	0.0	216.891	12.657	0.0	1.446	0.0	0.0	1.778	0.0	0.0	1.825	0.0	0.0	2.132	0.0
38	10021	10022	SN	1	0.0	31.099	12.423	0.0	146.9	12.841	0.0	134.125	9.703	0.0	86.528	12.65	0.0	1.446	0.0	0.0	1.778	0.0	0.0	1.825	0.0	0.0	2.132	0.0
39	10021	10022	NS	1	0.0	194.495	10.467	0.0	32.809	14.824	0.0	331.482	11.142	0.0	84.352	13.782	0.0	1.399	0.0	0.0	1.778	0.0	0.0	1.829	0.0	0.0	2.13	0.0
40	10021	10022	NS	1	0.0	213.014	10.359	0.0	32.654	14.772	0.0	331.658	11.132	0.0	88.543	13.834	0.0	1.398	0.0	0.0	1.774	0.0	0.0	1.821	0.0	0.0	2.131	0.0
41	10021	10022	SN	1	0.0	22.92	6.189	0.0	239.227	6.822	0.0	129.564	2.263	0.0	113.744	3.061	0.0	1.432	0.0	0.0	1.775	0.0	0.0	1.833	0.0	0.0	2.132	0.0
42	10021	10022	SN	1	0.0	22.92	6.055	0.0	238.8	6.782	0.0	129.564	2.162	0.0	113.744	3.115	0.0	1.432	0.0	0.0	1.775	0.0	0.0	1.833	0.0	0.0	2.132	0.0
43	10021	10022	SN	1	0.0	22.926	6.057	0.0	238.805	6.78	0.0	129.597	2.155	0.0	279.834	3.117	0.0	1.432	0.0	0.0	1.775	0.0	0.0	1.833	0.0	0.0	2.132	0.0
44	10021	10022	NS	1	0.0	96.284	5.944	0.0	24.178	7.514	0.0	335.409	2.243	0.0	65.226	3.722	0.0	1.417	0.0	0.0	1.775	0.0	0.0	1.832	0.0	0.0	2.129	0.0
45	10022	10023	NS	1	0.0	272.19	10.436	0.0	32.814	14.936	0.0	353.967	11.071	0.0	69.721	13.817	0.0	1.398	0.0	0.0	1.777	0.0	0.0	1.83	0.0	0.0	2.132	0.0
46	10022	10023	SN	1	0.0	22.92	6.136	0.0	25.854	6.79	0.0	126.354	2.235	0.0	221.311	3.025	0.0	1.432	0.0	0.0	1.775	0.0	0.0	1.833	0.0	0.0	2.131	0.0
47	10022	10023	SN	1	0.0	31.209	12.328	0.237	23.852	12.793	0.0	130.38	9.685	0.0	221.311	12.6	0.0	1.447	0.0	0.002	1.776	0.0	0.0	1.823	0.0	0.0	2.131	0.0
48	10022	10023	NS	1	0.0	258.221	5.952	0.0	24.194	7.543	0.0	353.967	2.244	0.0	51.378	3.738	0.0	1.417	0.0	0.0	1.776	0.0	0.0	1.833	0.0	0.0	2.132	0.0
49	10022	10023	NS	1	0.0	272.19	10.403	0.0	32.489	14.839	0.0	349.731	11.074	0.0	64.145	13.812	0.0	1.398	0.0	0.0	1.777	0.0	0.0	1.82	0.0	0.0	2.132	0.0
50	10022	10023	SN	1	0.0	31.209	12.357	0.237	23.852	12.514	0.0	130.38	9.924	0.0	221.311	12.12	0.0	1.447	0.0	0.002	1.776	0.0	0.0	1.823	0.0	0.0	2.131	0.0
51	10022	10023	NS	1	0.0	205.745	5.967	0.0	24.194	7.523	0.0	352.031	2.239	0.0	89.475	3.745	0.0	1.418	0.0	0.0	1.776	0.0	0.0	1.832	0.0	0.0	2.131	0.0
52	10022	10023	SN	1	0.0	22.92	6.033	0.0	25.854	6.769	0.0	126.354	2.165	0.0	221.311	3.106	0.0	1.432	0.0	0.0	1.775	0.0	0.0	1.833	0.0	0.0	2.131	0.0
53	10023	10024	NS	1	0.0	269.753	10.413	0.0	32.82	14.946	0.0	133.306	10.993	0.0	73.118	13.846	0.0	1.399	0.0	0.0	1.778	0.0	0.0	1.831	0.0	0.0	2.133	0.0
54	10023	10024	NS	1	0.0	269.753	10.413	0.0	32.82	14.946	0.0	133.306	10.993	0.0	73.118	13.846	0.0	1.399	0.0	0.0	1.778	0.0	0.0	1.831	0.0	0.0	2.133	0.0
55	10023	10024	SN	1	0.0	31.066	12.389	0.243	23.852	12.347	0.0	125.356	10.469	0.0	158.046	11.748	0.0	1.447	0.0	0.002	1.776	0.0	0.0	1.82	0.0	0.0	2.13	0.0
56	10023	10024	NS	1	0.0	121.424	5.96	0.0	24.178	7.495	0.0	124.101	2.225	0.0	63.891	3.746	0.0	1.417	0.0	0.0	1.776	0.0	0.0	1.833	0.0	0.0	2.133	0.0
57	10023	10024	NS	1	0.0	121.424	5.96	0.0	24.178	7.495	0.0	124.101	2.225	0.0	63.891	3.746	0.0	1.417	0.0	0.0	1.776	0.0	0.0	1.833	0.0	0.0	2.133	0.0
58	10023	10024	SN	1	0.0	22.931	6.25	0.0	25.843	6.79	0.0	128.659	2.341	0.0	186.564	3.158	0.0	1.432	0.0	0.0	1.775	0.0	0.0	1.833	0.0	0.0	2.13	0.0
59	10023	10024	SN	1	0.0	31.066	12.311	0.243	23.852	12.894	0.0	125.356	9.693	0.0	158.046	12.558	0.0	1.447	0.0	0.002	1.776	0.0	0.0	1.82	0.0	0.0	2.13	0.0
60	10023	10024	SN	1	0.0	31.066	12.311	0.243	23.852	12.884	0.0	125.356	9.693	0.0	158.046	12.565	0.0	1.447	0.0	0.002	1.776	0.0	0.0	1.82	0.0	0.0	2.13	0.0
61	10023	10024	SN	1	0.0	22.931	5.995	0.0	25.843	6.745	0.0	128.659	2.133	0.0	186.564	3.104	0.0	1.432	0.0	0.0	1.775	0.0	0.0	1.833	0.0	0.0	2.13	0.0
62	10023	10024	SN	1	0.0	22.931	5.995	0.0	25.843	6.742	0.0	128.659	2.133	0.0	186.564	3.106	0.0	1.432	0.0	0.0	1.775	0.0	0.0	1.833	0.0	0.0	2.13	0.0
63	10024	10025	SN	1	0.0	31.165	12.336	0.0	143.994	12.917	0.0	132.366	9.641	0.0	204.135	12.49	0.0	1.447	0.0	0.0	1.774	0.0	0.0	1.839	0.0	0.0	2.132	0.0
64	10024	10025	NS	1	0.623	22.358	10.344	0.0	32.599	14.885	0.0	136.94	10.962	0.0	72.153	13.749	0.002	1.399	0.0	0.0	1.778	0.0	0.0	1.831	0.0	0.0	2.132	0.0
65	10024	10025	SN	1	0.0	22.937	5.953	0.0	237.346	6.722	0.0	134.902	2.119	0.0	137.939	3.072	0.0	1.432	0.0	0.0	1.774	0.0	0.0	1.837	0.0	0.0	2.131	0.0
66	10024	10025	NS	1	0.0	24.619	5.974	0.0	24.172	7.472	0.0	133.516	2.205	0.0	52.541	3.783	0.0	1.417	0.0	0.0	1.776	0.0	0.0	1.833	0.0	0.0	2.132	0.0
67	10024	10025	NS	1	0.623	22.352	10.344	0.0	32.599	14.885	0.0	136.957	10.955	0.0	72.136	13.749	0.002	1.399	0.0	0.0	1.778	0.0	0.0	1.831	0.0	0.0	2.133	0.0
68	10024	10025	NS	1	0.0	24.613	5.974	0.0	24.178	7.484	0.0	133.488	2.199	0.0	52.563	3.782	0.0	1.417	0.0	0.0	1.776	0.0	0.0	1.833	0.0	0.0	2.132	0.0

Parameter Specifications	Parameters	Azi.Angle	Inci.Angle	Normal	Deviations
	Range	10.0	3.0	Alarming	High Errors

69	10025	10026	NS	1	0.0	78.746	5.95	0.0	24.189	7.497	0.0	231.39	2.232	0.0	69.886	3.771	0.0	1.416	0.0	0.0	1.776	0.0	0.0	1.834	0.0	0.0	2.132	0.0
70	10025	10026	NS	1	0.733	200.947	10.373	0.0	31.772	14.883	0.0	255.921	10.967	0.0	73.818	13.699	0.002	1.397	0.0	0.0	1.774	0.0	0.0	1.822	0.0	0.0	2.127	0.0

Parameter Specifications	Parameters	Azi.Angle	Inci.Angle	Normal	Deviations
	Range	10.0	3.0	Alarming	High Errors