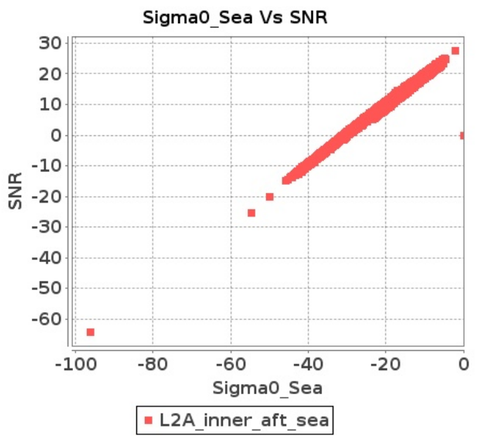
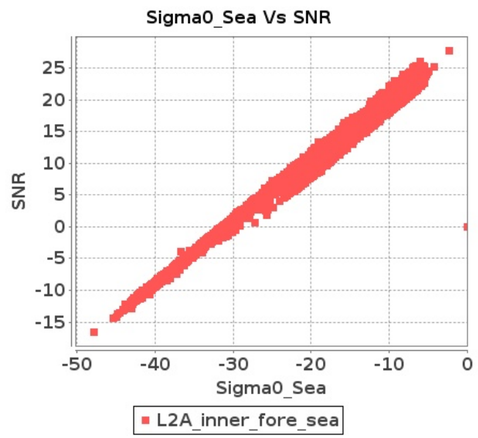
SCATSAT-1 Scatterometer Level-2A Data Quality Cycle wise Report

Report between 07-MAY-2019 To 08-MAY-2019

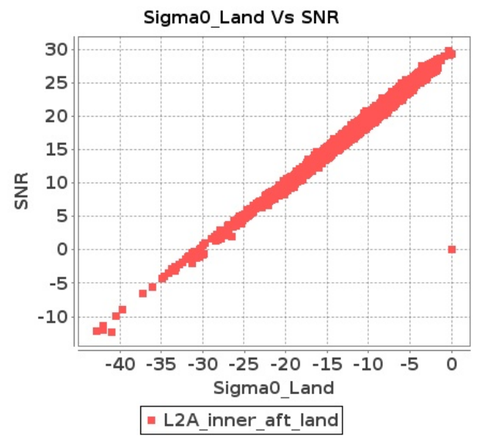
Inner Sea Aft Sigma0VsSNR



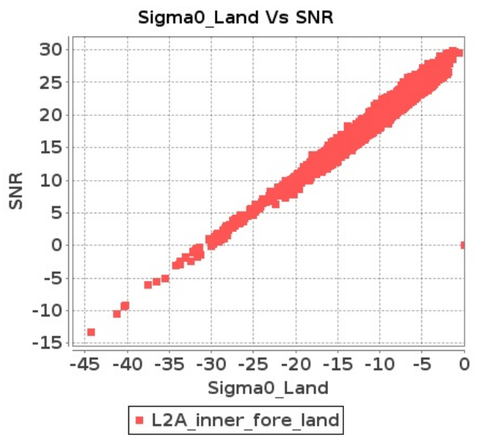
Inner Sea Fore Sigma0VsSNR



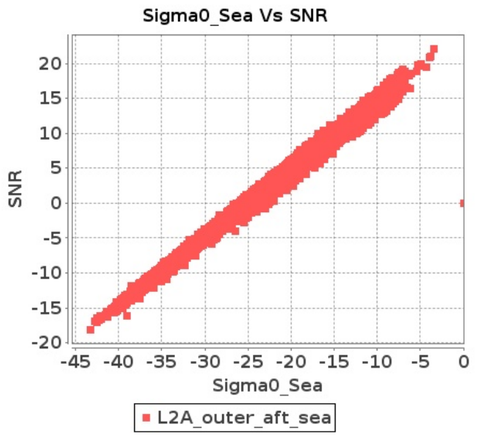
Inner Land Aft Sigma0VsSNR



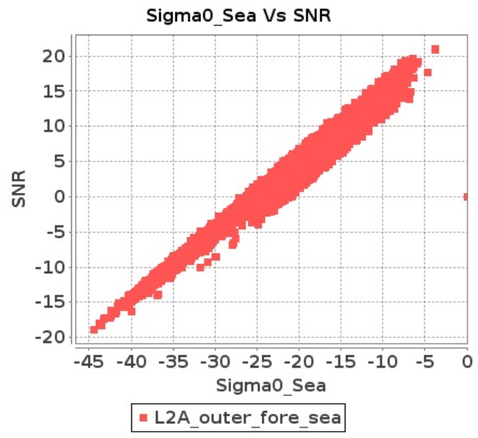
Inner Land Fore Sigma0VsSNR



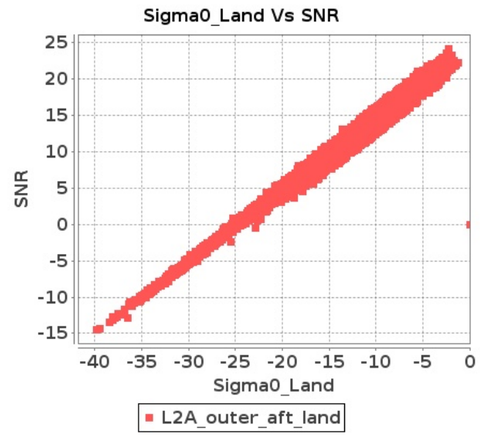
Outer Sea Aft Sigma0VsSNR



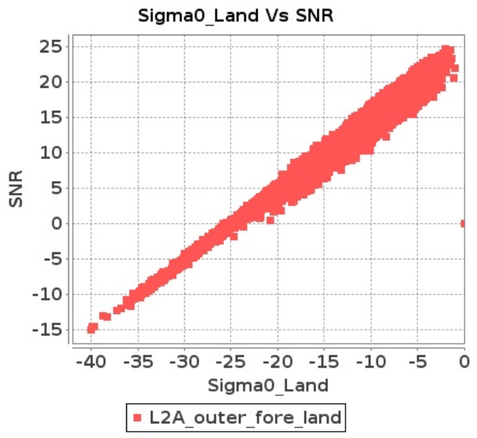
Outer Sea Fore Sigma0VsSNR



Outer Land Aft Sigma0VsSNR



Outer Land Fore Sigma0VsSNR



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

Report between 07-MAY-2019 To 08-MAY-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	13822	13823	NS	1	0.0	40.08	3.134	0.0	44.546	3.978	0.0	43.564	3.124	0.0	48.724	4.678	0.0	39.897	3.114	0.0	43.131	3.725	0.0	40.913	3.032	0.0	45.773	4.231
2	13822	13823	SN	1	0.0	56.366	6.778	0.0	55.591	7.771	0.0	46.504	5.384	0.0	53.469	6.554	0.0	56.313	6.789	0.0	54.722	7.259	0.0	47.825	5.263	0.0	49.551	6.038
3	13822	13823	SN	1	0.0	45.861	1.771	0.0	45.773	2.223	0.0	39.388	1.426	0.0	40.237	1.764	0.0	45.687	1.811	0.0	45.744	2.09	0.0	37.677	1.387	0.0	40.13	1.538
4	13822	13823	NS	1	0.0	45.103	0.938	0.0	43.655	1.26	0.0	43.355	0.997	0.0	50.163	1.509	0.0	44.146	0.933	0.0	41.212	1.14	0.0	45.396	0.961	0.0	48.695	1.286
5	13822	13823	SN	1	0.0	56.366	6.778	0.0	55.591	7.771	0.0	46.504	5.384	0.0	53.469	6.554	0.0	56.313	6.789	0.0	54.722	7.259	0.0	47.825	5.263	0.0	49.551	6.038
6	13822	13823	SN	1	0.0	45.861	1.771	0.0	45.773	2.223	0.0	39.388	1.426	0.0	40.237	1.764	0.0	45.687	1.811	0.0	45.744	2.09	0.0	37.677	1.387	0.0	40.13	1.538
7	13822	13823	NS	1	0.0	40.08	3.154	0.0	44.546	3.978	0.0	43.564	3.152	0.0	48.724	4.692	0.0	39.897	3.124	0.0	43.131	3.735	0.0	40.913	3.053	0.0	45.773	4.21
8	13823	13824	NS	1	0.0	45.89	1.294	0.0	42.843	1.648	0.0	40.064	1.224	0.0	48.259	1.643	0.0	47.425	1.355	0.0	44.061	1.587	0.0	40.673	1.172	0.0	44.811	1.401
9	13823	13824	SN	1	0.0	52.456	4.54	0.0	51.899	6.34	0.0	46.848	3.817	0.0	48.698	5.17	0.0	53.344	4.632	0.0	53.913	6.124	0.0	47.967	3.952	0.0	45.328	5.126
10	13823	13824	NS	1	0.0	45.618	4.758	0.0	51.744	6.019	0.0	42.287	4.616	0.0	43.192	5.208	0.0	46.212	4.87	0.0	51.163	5.571	0.0	43.888	4.566	0.0	42.474	4.803
11	13823	13824	NS	1	0.0	50.129	4.838	0.0	50.058	5.919	0.0	44.196	4.52	0.0	49.612	5.382	0.0	50.808	4.788	0.0	51.075	5.462	0.0	42.825	4.435	0.0	47.865	4.833
12	13823	13824	NS	1	0.0	45.024	1.271	0.0	43.249	1.743	0.0	39.834	1.272	0.0	48.259	1.685	0.0	45.04	1.264	0.0	44.061	1.714	0.0	38.355	1.231	0.0	44.811	1.47
13	13824	13825	SN	1	0.0	44.032	4.84	0.0	46.495	6.124	0.0	45.709	3.67	0.0	46.61	5.217	0.0	45.618	4.891	0.0	46.171	6.071	0.0	47.5	3.663	0.0	45.487	4.763
14	13824	13825	SN	1	0.0	45.63	1.113	0.0	51.657	1.733	0.0	48.447	1.224	0.0	37.909	1.747	0.0	46.793	1.132	0.0	50.019	1.638	0.0	49.985	1.2	0.0	38.971	1.556
15	13824	13825	NS	1	0.0	54.931	4.509	0.0	53.486	6.237	0.0	46.356	4.755	0.0	49.563	6.104	0.0	56.044	4.702	0.0	53.53	5.904	0.0	49.629	4.571	0.0	49.996	5.551
16	13824	13825	NS	1	0.0	46.0	1.541	0.0	49.357	2.078	0.0	45.584	1.401	0.0	47.066	1.998	0.0	46.26	1.548	0.0	51.609	1.978	0.0	46.029	1.361	0.0	41.649	1.833
17	13825	13826	NS	1	0.0	44.73	1.336	0.0	44.011	2.247	0.0	37.97	1.631	0.0	47.225	2.393	0.0	44.812	1.326	0.0	45.293	1.795	0.0	39.042	1.511	0.0	47.564	1.667
18	13825	13826	NS	1	0.0	37.827	0.377	0.0	42.391	0.524	0.0	41.614	0.588	0.0	40.063	0.842	0.0	38.594	0.354	0.0	40.099	0.421	0.0	44.476	0.478	0.0	38.605	0.542
19	13825	13826	SN	1	0.0	47.779	3.402	0.0	49.719	4.443	0.0	42.314	3.919	0.0	48.412	5.074	0.0	48.009	3.381	0.0	49.765	4.004	0.0	41.872	3.791	0.0	48.0	4.553
20	13825	13826	SN	1	0.0	47.617	3.402	0.0	49.719	4.443	0.0	42.314	3.933	0.0	48.412	5.067	0.0	47.847	3.402	0.0	49.765	3.994	0.0	41.872	3.819	0.0	48.0	4.524
21	13825	13826	SN	1	0.0	45.934	0.925	0.0	54.362	1.423	0.0	40.09	1.03	0.0	46.761	1.559	0.0	45.891	0.937	0.0	53.646	1.296	0.0	41.249	1.021	0.0	44.715	1.32
22	13825	13826	SN	1	0.0	45.934	0.91	0.0	54.362	1.407	0.0	40.203	1.05	0.0	46.944	1.557	0.0	45.891	0.93	0.0	53.452	1.291	0.0	41.963	1.041	0.0	44.896	1.306
23	13826	13827	SN	1	0.0	51.611	0.676	0.0	40.521	0.832	0.0	40.05	0.846	0.0	43.992	1.034	0.0	50.422	0.658	0.0	40.372	0.776	0.0	42.786	0.75	0.0	38.775	0.837
24	13826	13827	NS	1	0.0	38.369	0.751	0.0	44.976	1.17	0.0	39.032	1.125	0.0	36.935	1.675	0.0	39.853	0.76	0.0	45.589	0.988	0.0	37.204	1.025	0.0	35.91	1.278
25	13826	13827	SN	1	0.0	46.418	3.277	0.0	46.299	3.928	0.0	42.163	3.216	0.0	44.917	3.771	0.0	45.948	3.216	0.0	47.951	3.517	0.0	40.586	2.967	0.0	43.995	3.144
26	13826	13827	NS	1	0.0	54.748	2.306	0.0	45.626	3.042	0.0	42.406	3.409	0.0	39.224	4.721	0.0	55.908	2.223	0.0	44.579	2.866	0.0	43.188	3.047	0.0	40.115	3.69
27	13826	13827	NS	1	0.0	54.748	2.262	0.0	45.626	2.98	0.0	42.406	3.309	0.0	39.224	4.632	0.0	55.908	2.181	0.0	44.579	2.807	0.0	43.188	2.975	0.0	40.115	3.621
28	13826	13827	NS	1	0.0	38.369	0.736	0.0	44.976	1.152	0.0	39.032	1.087	0.0	36.935	1.645	0.0	39.853	0.75	0.0	45.589	0.975	0.0	37.204	0.984	0.0	34.764	1.255
29	13827	13828	NS	1	0.0	40.244	1.927	0.0	49.705	2.733	0.0	39.558	1.929	0.0	42.21	2.68	0.0	39.62	1.972	0.0	50.169	2.792	0.0	40.511	2.011	0.0	39.482	2.727
30	13827	13828	SN	1	0.0	48.751	3.516	0.0	45.477	4.33	0.0	43.477	4.083	0.0	42.892	5.26	0.0	48.498	3.739	0.0	45.388	4.085	0.0	42.204	4.048	0.0	41.361	4.944
31	13827	13828	SN	1	0.0	43.568	1.02	0.0	44.37	1.239	0.0	42.942	1.317	0.0	42.841	1.643	0.0	42.848	0.986	0.0	42.298	1.22	0.0	40.173	1.277	0.0	45.671	1.501

Parameter Specifications	Parameters	SNR	Sigma0
	Range	20.0	20.0

Normal Deviations

Alarming High Errors

32	13827	13828	NS	1	0.0	41.283	6.07	0.0	56.611	8.23	0.0	40.196	6.132	0.0	41.859	7.927	0.0	42.144	6.162	0.0	55.371	8.324	0.0	40.874	6.48	0.0	45.001	8.412
33	13828	13829	NS	1	0.0	38.771	1.093	0.0	46.755	1.732	0.0	41.735	1.281	0.0	47.347	2.278	0.0	40.031	1.111	0.0	47.26	1.575	0.0	41.254	1.182	0.0	45.859	1.858
34	13828	13829	NS	1	0.0	41.282	3.351	0.0	44.178	5.322	0.0	43.63	3.986	0.0	44.786	6.278	0.0	42.649	3.29	0.0	46.278	4.822	0.0	45.27	3.965	0.0	46.38	5.462
35	13828	13829	NS	1	0.0	38.771	1.093	0.0	46.755	1.732	0.0	41.735	1.281	0.0	47.347	2.278	0.0	40.031	1.111	0.0	47.26	1.575	0.0	41.254	1.182	0.0	45.859	1.858
36	13829	13830	SN	1	0.0	40.208	0.74	0.0	47.021	0.9	0.0	39.073	0.83	0.0	40.736	1.142	0.0	40.533	0.74	0.0	48.182	0.887	0.0	39.885	0.762	0.0	43.042	1.01
37	13829	13830	SN	1	0.0	46.693	2.509	0.0	47.694	3.112	0.0	40.708	2.825	0.0	38.443	3.703	0.0	46.911	2.651	0.0	46.937	3.061	0.0	39.919	2.683	0.0	36.882	3.389
38	13829	13830	NS	1	0.0	48.398	5.106	0.0	44.99	5.903	0.0	43.342	4.551	0.0	52.313	5.915	0.0	50.232	5.035	0.0	46.328	5.533	0.0	44.236	4.465	0.0	51.082	5.239
39	13829	13830	NS	1	0.0	45.202	1.21	0.0	44.886	1.695	0.0	41.69	1.442	0.0	45.737	1.809	0.0	44.665	1.232	0.0	47.703	1.622	0.0	40.903	1.355	0.0	41.594	1.552
40	13830	13831	NS	1	0.0	54.796	2.23	0.0	55.87	2.816	0.0	46.511	1.742	0.0	52.026	2.237	0.0	54.154	2.209	0.0	52.545	2.594	0.0	42.565	1.666	0.0	46.937	1.852
41	13830	13831	SN	1	0.0	41.054	1.02	0.0	46.124	1.443	0.0	45.355	0.815	0.0	39.034	1.094	0.0	42.783	1.018	0.0	46.034	1.31	0.0	45.581	0.739	0.0	35.884	0.941
42	13830	13831	NS	1	0.0	59.242	8.473	0.0	57.289	8.93	0.0	48.314	5.69	0.0	51.657	7.355	0.0	59.557	8.483	0.0	58.269	8.464	0.0	48.037	5.548	0.0	52.557	6.222
43	13830	13831	SN	1	0.0	50.151	5.027	0.0	53.302	5.693	0.0	40.898	3.535	0.0	48.717	4.239	0.0	49.935	5.118	0.0	50.669	5.447	0.0	40.631	3.471	0.0	46.619	3.814
44	13831	13832	SN	1	0.0	39.008	0.935	0.0	42.776	1.167	0.0	39.622	0.967	0.0	39.583	1.229	0.0	39.013	0.962	0.0	46.191	1.143	0.0	39.516	0.922	0.0	35.729	1.209
45	13831	13832	SN	1	0.0	50.378	3.048	0.0	44.128	3.368	0.0	40.2	2.887	0.0	42.85	3.706	0.0	50.749	3.058	0.0	45.43	3.221	0.0	40.094	2.981	0.0	43.076	3.574
46	13831	13832	NS	1	0.0	56.192	2.879	0.0	51.569	3.779	0.0	46.186	2.477	0.0	47.764	3.122	0.0	56.602	3.072	0.0	49.763	3.748	0.0	43.963	2.272	0.0	43.767	2.815
47	13831	13832	NS	1	0.0	55.327	0.831	0.0	50.65	1.173	0.0	47.337	0.767	0.0	44.718	1.105	0.0	56.496	0.84	0.0	49.155	1.159	0.0	44.832	0.714	0.0	38.96	0.926
48	13831	13832	SN	1	0.0	50.378	3.014	0.0	44.128	3.333	0.0	40.957	2.854	0.0	42.85	3.667	0.0	50.749	3.024	0.0	45.43	3.187	0.0	40.851	2.94	0.0	43.076	3.536
49	13831	13832	SN	1	0.0	39.008	0.924	0.0	42.776	1.155	0.0	43.83	0.955	0.0	39.583	1.217	0.0	39.013	0.951	0.0	46.191	1.131	0.0	43.722	0.912	0.0	35.729	1.197
50	13832	13833	SN	1	0.0	47.358	1.938	0.0	42.527	2.369	0.0	38.024	2.176	0.0	41.252	2.826	0.0	47.315	1.746	0.0	41.84	1.912	0.0	36.975	1.835	0.0	43.429	2.42
51	13832	13833	NS	1	0.0	41.415	1.309	0.0	41.597	1.471	0.0	37.148	1.15	0.0	41.638	1.482	0.0	41.853	1.309	0.0	41.034	1.372	0.0	36.719	1.099	0.0	39.277	1.238
52	13832	13833	SN	1	0.0	43.676	0.455	0.0	42.918	0.701	0.0	39.427	0.696	0.0	42.963	1.112	0.0	41.95	0.448	0.0	43.136	0.622	0.0	40.785	0.634	0.0	38.364	0.859
53	13832	13833	NS	1	0.0	42.527	4.292	0.0	45.743	4.691	0.0	39.088	3.405	0.0	39.971	4.308	0.0	42.472	4.444	0.0	44.23	4.388	0.0	36.908	3.298	0.0	40.516	3.84
54	13833	13834	NS	1	0.0	54.513	4.062	0.0	57.872	5.046	0.0	45.814	3.548	0.0	43.161	4.867	0.0	53.58	4.041	0.0	55.876	4.742	0.0	43.65	3.357	0.0	46.802	4.47
55	13833	13834	NS	1	0.0	47.165	1.001	0.0	47.004	1.451	0.0	37.629	1.029	0.0	44.608	1.441	0.0	46.66	1.01	0.0	48.178	1.352	0.0	38.968	0.894	0.0	41.136	1.254
56	13833	13834	SN	1	0.0	40.743	1.208	0.0	45.007	1.751	0.0	40.022	1.509	0.0	37.903	2.114	0.0	42.002	1.183	0.0	43.702	1.592	0.0	40.62	1.41	0.0	35.28	1.886
57	13833	13834	SN	1	0.0	45.124	4.471	0.0	46.625	5.767	0.0	41.836	4.303	0.0	40.722	6.243	0.0	45.819	4.572	0.0	45.636	5.483	0.0	41.092	4.445	0.0	42.563	5.722
58	13834	13835	NS	1	0.0	42.836	0.965	0.0	50.575	1.339	0.0	37.866	1.105	0.0	45.027	1.446	0.0	43.011	0.994	0.0	49.65	1.242	0.0	38.735	1.047	0.0	40.317	1.259
59	13834	13835	NS	1	0.0	49.425	0.953	0.0	43.729	1.364	0.0	45.211	1.092	0.0	45.013	1.454	0.0	49.957	0.974	0.0	46.267	1.224	0.0	47.283	1.035	0.0	39.039	1.224
60	13834	13835	SN	1	0.0	48.409	6.405	0.0	52.446	6.839	0.0	37.634	5.078	0.0	40.429	6.143	0.0	47.945	6.537	0.0	51.781	6.768	0.0	38.512	5.312	0.0	41.372	6.186
61	13834	13835	NS	1	0.0	58.354	3.151	0.0	45.072	4.453	0.0	41.048	3.549	0.0	47.807	4.67	0.0	59.319	3.273	0.0	45.102	4.169	0.0	41.372	3.527	0.0	47.05	4.096
62	13835	13836	SN	1	0.0	46.715	1.222	0.0	46.651	1.765	0.0	39.447	1.305	0.0	38.588	2.022	0.0	46.606	1.206	0.0	46.034	1.638	0.0	39.303	1.271	0.0	37.165	1.776
63	13835	13836	SN	1	0.0	46.715	1.237	0.0	46.651	1.791	0.0	39.447	1.33	0.0	38.588	2.046	0.0	46.606	1.223	0.0	46.034	1.661	0.0	39.303	1.298	0.0	37.165	1.798
64	13835	13836	SN	1	0.0	55.642	4.852	0.0	46.599	6.295	0.0	38.997	4.431	0.0	43.607	6.382	0.0	55.934	4.79	0.0	47.954	5.797	0.0	39.732	4.301	0.0	43.387	5.675
65	13835	13836	NS	1	0.0	54.951	4.056	0.0	49.679	4.881	0.0	41.344	4.324	0.0	41.665	4.899	0.0	55.603	4.097	0.0	51.169	4.465	0.0	41.481	4.062	0.0	39.588	4.374
66	13835	13836	SN	1	0.0	55.642	4.786	0.0	46.599	6.199	0.0	38.997	4.388	0.0	43.607	6.283	0.0	55.934	4.725	0.0	47.954	5.708	0.0	39.732	4.238	0.0	43.387	5.566
67	13835	13836	NS	1	0.0	47.344	1.182	0.0	48.092	1.379	0.0	40.808	1.281	0.0	40.768	1.498	0.0	47.391	1.221	0.0	48.951	1.257	0.0	40.193	1.194	0.0	43.482	1.273

Parameter Specifications	Parameters	SNR	Sigma0
	Range	20.0	20.0

Normal
Deviations
Alarming
High Errors

68	13836	13837	SN	1	0.0	44.962	1.891	0.0	46.166	2.375	0.0	42.999	1.651	0.0	40.25	2.325	0.0	46.784	1.884	0.0	46.859	2.25	0.0	41.832	1.59	0.0	39.512	2.073
69	13836	13837	NS	1	0.0	48.274	3.977	0.0	42.617	4.962	0.0	39.435	4.569	0.0	44.985	5.879	0.0	49.457	4.069	0.0	40.689	4.736	0.0	39.22	4.339	0.0	44.068	5.34
70	13836	13837	SN	1	0.0	49.623	6.736	0.0	47.731	8.132	0.0	44.899	5.412	0.0	45.968	7.016	0.0	51.213	6.832	0.0	48.126	7.967	0.0	47.678	5.33	0.0	45.764	6.553
71	13836	13837	NS	1	0.0	45.511	1.195	0.0	42.465	1.6	0.0	39.91	1.369	0.0	42.071	1.986	0.0	44.387	1.205	0.0	42.683	1.506	0.0	36.581	1.32	0.0	41.586	1.832

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	13822	13823	NS	1	0.0	268.412	10.873	0.0	30.244	15.03	0.0	146.421	12.666	0.0	144.03	14.905	0.0	1.419	0.0	0.0	1.832	0.0	0.0	1.905	0.0	0.0	2.191	0.0
2	13822	13823	SN	1	0.0	29.472	12.602	0.0	27.338	12.808	0.0	74.089	6.955	0.0	65.248	9.451	0.0	1.387	0.0	0.0	1.739	0.0	0.0	1.791	0.0	0.0	2.088	0.0
3	13822	13823	SN	1	0.0	23.036	4.824	0.0	21.652	6.167	0.0	71.938	0.964	0.0	51.499	1.755	0.0	1.365	0.0	0.0	1.735	0.0	0.0	1.808	0.0	0.0	2.082	0.0
4	13822	13823	NS	1	0.0	238.289	7.473	0.0	25.667	8.705	0.0	351.016	4.891	0.0	123.768	5.847	0.0	1.441	0.0	0.0	1.83	0.0	0.0	1.913	0.0	0.0	2.191	0.0
5	13822	13823	SN	1	0.0	29.472	12.602	0.0	27.338	12.808	0.0	74.089	6.955	0.0	65.248	9.451	0.0	1.387	0.0	0.0	1.739	0.0	0.0	1.791	0.0	0.0	2.088	0.0
6	13822	13823	SN	1	0.0	23.036	4.824	0.0	21.652	6.167	0.0	71.938	0.964	0.0	51.499	1.755	0.0	1.365	0.0	0.0	1.735	0.0	0.0	1.808	0.0	0.0	2.082	0.0
7	13822	13823	NS	1	0.0	268.412	10.873	0.0	30.244	15.03	0.0	146.421	12.666	0.0	144.03	14.905	0.0	1.419	0.0	0.0	1.832	0.0	0.0	1.905	0.0	0.0	2.191	0.0
8	13823	13824	NS	1	0.0	167.047	7.444	0.0	25.678	8.653	0.0	356.592	4.854	0.0	126.674	5.848	0.0	1.438	0.0	0.0	1.83	0.0	0.0	1.913	0.0	0.0	2.191	0.0
9	13823	13824	SN	1	0.0	28.149	12.613	0.0	129.181	12.815	0.0	74.419	6.836	0.0	56.711	9.45	0.0	1.39	0.0	0.0	1.738	0.0	0.0	1.794	0.0	0.0	2.081	0.0
10	13823	13824	NS	1	0.0	150.805	10.774	0.0	30.255	15.006	0.0	351.854	12.555	0.0	150.273	14.877	0.0	1.419	0.0	0.0	1.832	0.0	0.0	1.899	0.0	0.0	2.192	0.0
11	13823	13824	NS	1	0.0	161.168	10.833	0.0	30.255	14.9	0.0	356.592	12.425	0.0	152.413	14.749	0.0	1.42	0.0	0.0	1.831	0.0	0.0	1.894	0.0	0.0	2.19	0.0
12	13823	13824	NS	1	0.0	206.939	7.472	0.0	25.667	8.631	0.0	351.507	4.855	0.0	114.524	5.851	0.0	1.432	0.0	0.0	1.83	0.0	0.0	1.913	0.0	0.0	2.191	0.0
13	13824	13825	SN	1	0.0	28.198	12.279	0.0	73.623	12.981	0.0	20.477	6.868	0.0	153.551	9.542	0.0	1.365	0.0	0.0	1.736	0.0	0.0	1.795	0.0	0.0	2.082	0.0
14	13824	13825	SN	1	0.0	23.097	4.746	0.0	21.641	6.187	0.0	11.968	0.799	0.0	86.252	1.797	0.0	1.368	0.0	0.0	1.735	0.0	0.0	1.791	0.0	0.0	2.083	0.0
15	13824	13825	NS	1	0.0	270.006	10.573	0.0	30.266	15.046	0.0	190.193	12.463	0.0	141.294	15.187	0.0	1.418	0.0	0.0	1.831	0.0	0.0	1.895	0.0	0.0	2.189	0.0
16	13824	13825	NS	1	0.0	57.977	7.275	0.0	25.672	8.725	0.0	162.166	4.773	0.0	130.59	5.96	0.0	1.441	0.0	0.0	1.829	0.0	0.0	1.909	0.0	0.0	2.191	0.0
17	13825	13826	NS	1	0.0	94.629	10.812	0.0	30.266	15.071	0.0	353.625	12.644	0.0	131.191	14.917	0.0	1.409	0.0	0.0	1.83	0.0	0.0	1.883	0.0	0.0	2.19	0.0
18	13825	13826	NS	1	0.0	101.788	7.424	0.0	25.667	8.714	0.0	171.624	4.883	0.0	133.717	5.878	0.0	1.443	0.0	0.0	1.829	0.0	0.0	1.909	0.0	0.0	2.191	0.0
19	13825	13826	SN	1	0.0	29.632	12.622	0.0	132.153	12.9	0.0	73.438	7.005	0.0	65.016	9.505	0.0	1.363	0.0	0.0	1.737	0.0	0.0	1.783	0.0	0.0	2.082	0.0
20	13825	13826	SN	1	0.0	29.632	12.622	0.0	241.273	12.89	0.0	73.443	7.005	0.0	65.016	9.505	0.0	1.363	0.0	0.0	1.737	0.0	0.0	1.783	0.0	0.0	2.082	0.0
21	13825	13826	SN	1	0.0	23.064	4.812	0.0	266.785	6.158	0.0	54.086	0.973	0.0	48.968	1.794	0.0	1.369	0.0	0.0	1.736	0.0	0.0	1.794	0.0	0.0	2.084	0.0
22	13825	13826	SN	1	0.0	23.064	4.81	0.0	162.557	6.16	0.0	54.08	0.973	0.0	48.968	1.791	0.0	1.369	0.0	0.0	1.736	0.0	0.0	1.794	0.0	0.0	2.084	0.0
23	13826	13827	SN	1	0.0	23.058	4.756	0.0	21.58	6.275	0.0	13.137	0.922	0.0	59.333	1.876	0.0	1.365	0.0	0.0	1.736	0.0	0.0	1.802	0.0	0.0	2.085	0.0
24	13826	13827	NS	1	0.0	151.42	7.571	0.0	25.672	8.73	0.0	162.403	4.951	0.0	16.76	5.765	0.0	1.441	0.0	0.0	1.83	0.0	0.0	1.912	0.0	0.0	2.192	0.0
25	13826	13827	SN	1	0.0	28.138	12.406	0.0	27.327	13.067	0.0	23.648	6.93	0.0	81.879	9.807	0.0	1.375	0.0	0.0	1.737	0.0	0.0	1.799	0.0	0.0	2.085	0.0
26	13826	13827	NS	1	0.0	152.749	10.796	0.0	28.926	14.671	0.0	354.0	12.746	0.0	17.295	14.506	0.0	1.4	0.0	0.0	1.831	0.0	0.0	1.884	0.0	0.0	2.191	0.0
27	13826	13827	NS	1	0.0	152.749	10.751	0.0	30.272	14.912	0.0	354.0	12.505	0.0	140.158	14.749	0.0	1.4	0.0	0.0	1.831	0.0	0.0	1.884	0.0	0.0	2.191	0.0
28	13826	13827	NS	1	0.0	151.42	7.464	0.0	25.672	8.686	0.0	162.403	4.856	0.0	145.309	5.799	0.0	1.441	0.0	0.0	1.83	0.0	0.0	1.912	0.0	0.0	2.192	0.0
29	13827	13828	NS	1	0.0	216.742	7.315	0.0	25.854	8.684	0.0	187.292	4.702	0.0	128.764	6.01	0.0	1.446	0.0	0.0	1.835	0.0	0.0	1.914	0.0	0.0	2.192	0.0
30	13827	13828	SN	1	0.0	28.617	12.63	0.0	27.338	12.92	0.0	83.734	6.865	0.0	49.47	9.566	0.0	1.372	0.0	0.0	1.736	0.0	0.0	1.8	0.0	0.0	2.085	0.0
31	13827	13828	SN	1	0.0	23.064	4.824	0.0	22.341	6.198	0.0	60.373	0.964	0.0	56.711	1.804	0.0	1.367	0.0	0.0	1.737	0.0	0.0	1.804	0.0	0.0	2.086	0.0

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

Normal
Alarming
Deviations
High Errors

32	13827	13828	NS	1	0.0	199.707	10.471	0.0	30.272	14.88	0.0	216.108	12.542	0.0	133.264	15.526	0.0	1.415	0.0	0.0	1.832	0.0	0.0	1.91	0.0	0.0	2.192	0.0
33	13828	13829	NS	1	0.0	254.493	7.554	0.0	25.683	8.758	0.0	348.672	4.914	0.0	113.493	5.959	0.0	1.44	0.0	0.0	1.831	0.0	0.0	1.915	0.0	0.0	2.192	0.0
34	13828	13829	NS	1	0.0	237.479	10.841	0.0	30.299	14.853	0.0	234.434	12.775	0.0	142.116	15.241	0.0	1.407	0.0	0.0	1.833	0.0	0.0	1.914	0.0	0.0	2.194	0.0
35	13828	13829	NS	1	0.0	254.493	7.554	0.0	25.683	8.758	0.0	348.672	4.914	0.0	113.493	5.959	0.0	1.44	0.0	0.0	1.831	0.0	0.0	1.915	0.0	0.0	2.192	0.0
36	13829	13830	SN	1	0.0	23.069	4.829	0.0	122.607	6.195	0.0	68.656	0.977	0.0	62.849	1.815	0.0	1.364	0.0	0.0	1.736	0.0	0.0	1.807	0.0	0.0	2.084	0.0
37	13829	13830	SN	1	0.0	29.726	12.676	0.0	137.26	12.815	0.0	83.31	6.96	0.0	66.048	9.524	0.0	1.363	0.0	0.0	1.739	0.0	0.0	1.789	0.0	0.0	2.083	0.0
38	13829	13830	NS	1	0.0	148.56	10.749	0.0	30.299	14.783	0.0	143.294	12.701	0.0	186.699	15.215	0.0	1.411	0.0	0.0	1.832	0.0	0.0	1.917	0.0	0.0	2.194	0.0
39	13829	13830	NS	1	0.0	122.568	7.443	0.0	25.683	8.704	0.0	354.728	4.775	0.0	114.745	5.868	0.0	1.436	0.0	0.0	1.832	0.0	0.0	1.915	0.0	0.0	2.193	0.0
40	13830	13831	NS	1	0.0	257.443	7.468	0.0	25.667	8.678	0.0	262.597	4.773	0.0	131.263	5.78	0.0	1.443	0.0	0.0	1.832	0.0	0.0	1.915	0.0	0.0	2.193	0.0
41	13830	13831	SN	1	0.0	23.053	4.845	0.0	25.99	6.195	0.0	71.077	0.989	0.0	69.39	1.82	0.0	1.37	0.0	0.0	1.737	0.0	0.0	1.794	0.0	0.0	2.084	0.0
42	13830	13831	NS	1	0.0	271.385	10.814	0.0	30.09	14.67	0.0	198.601	12.622	0.0	141.747	15.044	0.0	1.403	0.0	0.0	1.833	0.0	0.0	1.898	0.0	0.0	2.19	0.0
43	13830	13831	SN	1	0.0	28.143	12.654	0.0	27.343	12.844	0.0	86.613	6.927	0.0	68.336	9.6	0.0	1.365	0.0	0.0	1.738	0.0	0.0	1.796	0.0	0.0	2.083	0.0
44	13831	13832	SN	1	0.0	23.053	4.79	0.0	22.292	6.135	0.0	91.202	0.904	0.0	170.598	1.767	0.0	1.364	0.0	0.0	1.734	0.0	0.0	1.811	0.0	0.0	2.082	0.0
45	13831	13832	SN	1	0.0	28.16	12.551	0.0	27.343	12.778	0.0	65.612	6.847	0.0	265.076	9.346	0.0	1.358	0.0	0.0	1.735	0.0	0.0	1.777	0.0	0.0	2.084	0.0
46	13831	13832	NS	1	0.0	271.391	10.848	0.0	30.327	14.808	0.0	192.807	12.565	0.0	133.027	14.919	0.0	1.416	0.0	0.0	1.829	0.0	0.0	1.896	0.0	0.0	2.194	0.0
47	13831	13832	NS	1	0.0	281.863	7.444	0.0	25.81	8.669	0.0	352.185	4.795	0.0	135.851	5.818	0.0	1.419	0.0	0.0	1.83	0.0	0.0	1.914	0.0	0.0	2.192	0.0
48	13831	13832	SN	1	0.0	28.16	12.556	0.0	27.343	12.915	0.0	65.612	6.84	0.0	265.076	9.605	0.0	1.358	0.0	0.0	1.737	0.0	0.0	1.777	0.0	0.0	2.088	0.0
49	13831	13832	SN	1	0.0	23.053	4.793	0.0	22.347	6.166	0.0	91.202	0.912	0.0	170.598	1.874	0.0	1.364	0.0	0.0	1.737	0.0	0.0	1.811	0.0	0.0	2.086	0.0
50	13832	13833	SN	1	0.0	29.858	12.666	0.0	84.25	12.864	0.0	82.218	7.076	0.0	105.692	9.564	0.0	1.389	0.0	0.0	1.738	0.0	0.0	1.79	0.0	0.0	2.084	0.0
51	13832	13833	NS	1	0.0	93.749	7.489	0.0	25.678	8.667	0.0	354.667	4.87	0.0	181.841	5.876	0.0	1.42	0.0	0.0	1.83	0.0	0.0	1.911	0.0	0.0	2.192	0.0
52	13832	13833	SN	1	0.0	23.058	4.898	0.0	69.712	6.187	0.0	65.921	0.996	0.0	142.29	1.868	0.0	1.369	0.0	0.0	1.737	0.0	0.0	1.794	0.0	0.0	2.085	0.0
53	13832	13833	NS	1	0.0	268.991	10.77	0.0	30.123	14.902	0.0	354.667	12.668	0.0	188.889	14.907	0.0	1.401	0.0	0.0	1.832	0.0	0.0	1.898	0.0	0.0	2.189	0.0
54	13833	13834	NS	1	0.0	24.597	10.858	0.0	30.344	14.954	0.0	155.261	12.653	0.0	129.068	14.814	0.0	1.414	0.0	0.0	1.83	0.0	0.0	1.885	0.0	0.0	2.192	0.0
55	13833	13834	NS	1	0.0	26.389	7.484	0.0	25.661	8.664	0.0	176.091	4.841	0.0	188.359	5.877	0.0	1.418	0.0	0.0	1.83	0.0	0.0	1.912	0.0	0.0	2.192	0.0
56	13833	13834	SN	1	0.0	23.069	4.897	0.0	24.382	6.176	0.0	75.919	1.005	0.0	67.937	1.89	0.0	1.363	0.0	0.0	1.738	0.0	0.0	1.81	0.0	0.0	2.086	0.0
57	13833	13834	SN	1	0.0	29.764	12.67	0.0	27.327	12.898	0.0	91.29	6.97	0.0	49.249	9.611	0.0	1.358	0.0	0.0	1.739	0.0	0.0	1.798	0.0	0.0	2.088	0.0
58	13834	13835	NS	1	0.0	255.664	7.457	0.0	25.667	8.667	0.0	128.436	4.842	0.0	132.04	5.877	0.0	1.443	0.0	0.0	1.83	0.0	0.0	1.912	0.0	0.0	2.191	0.0
59	13834	13835	NS	1	0.0	59.135	7.453	0.0	25.667	8.67	0.0	353.035	4.843	0.0	113.802	5.866	0.0	1.438	0.0	0.0	1.83	0.0	0.0	1.911	0.0	0.0	2.191	0.0
60	13834	13835	SN	1	0.0	28.375	12.709	0.0	78.774	12.963	0.0	87.744	6.976	0.0	234.644	9.717	0.0	1.371	0.0	0.0	1.739	0.0	0.0	1.793	0.0	0.0	2.087	0.0
61	13834	13835	NS	1	0.0	105.582	10.76	0.0	30.344	14.916	0.0	186.25	12.548	0.0	141.283	14.839	0.0	1.409	0.0	0.0	1.831	0.0	0.0	1.913	0.0	0.0	2.191	0.0
62	13835	13836	SN	1	0.0	23.075	4.871	0.0	47.528	6.185	0.0	69.892	1.012	0.0	142.185	1.904	0.0	1.37	0.0	0.0	1.738	0.0	0.0	1.81	0.0	0.0	2.085	0.0
63	13835	13836	SN	1	0.0	23.075	4.872	0.0	47.528	6.136	0.0	69.892	1.007	0.0	142.185	1.767	0.0	1.37	0.0	0.0	1.735	0.0	0.0	1.81	0.0	0.0	2.084	0.0
64	13835	13836	SN	1	0.0	29.494	12.697	0.0	137.183	12.653	0.0	73.851	6.983	0.0	184.97	9.259	0.0	1.391	0.0	0.0	1.738	0.0	0.0	1.785	0.0	0.0	2.084	0.0
65	13835	13836	NS	1	0.0	41.757	10.829	0.0	48.3	14.885	0.0	352.014	12.611	0.0	165.125	14.916	0.0	1.411	0.0	0.0	1.832	0.0	0.0	1.912	0.0	0.0	2.192	0.0
66	13835	13836	SN	1	0.0	29.494	12.68	0.0	137.183	12.838	0.0	73.851	6.955	0.0	184.97	9.618	0.0	1.391	0.0	0.0	1.741	0.0	0.0	1.785	0.0	0.0	2.084	0.0
67	13835	13836	NS	1	0.0	53.576	7.449	0.0	89.569	8.654	0.0	354.854	4.824	0.0	145.673	5.832	0.0	1.443	0.0	0.0	1.843	0.0	0.0	1.913	0.0	0.0	2.192	0.0
68	13836	13837	SN	1	0.0	23.064	4.8	0.0	71.998	6.144	0.0	16.198	0.947	0.0	99.411	1.613	0.0	1.37	0.0	0.0	1.728	0.0	0.0	1.811	0.0	0.0	2.075	0.0

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

Normal
Deviations
Alarming
High Errors

69	13836	13837	NS	1	0.0	148.946	10.714	0.0	30.333	14.732	0.0	147.612	12.743	0.0	147.096	14.893	0.0	1.412	0.0	0.0	1.832	0.0	0.0	1.907	0.0	0.0	2.192	0.0
70	13836	13837	SN	1	0.0	28.176	12.469	0.0	74.406	12.484	0.0	27.305	7.008	0.0	70.727	8.82	0.0	1.39	0.0	0.0	1.73	0.0	0.0	1.787	0.0	0.0	2.075	0.0
71	13836	13837	NS	1	0.0	123.081	7.541	0.0	25.672	8.658	0.0	349.494	4.892	0.0	167.093	5.932	0.0	1.438	0.0	0.0	1.83	0.0	0.0	1.916	0.0	0.0	2.191	0.0

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

Normal
Alarming
Deviations
High Errors