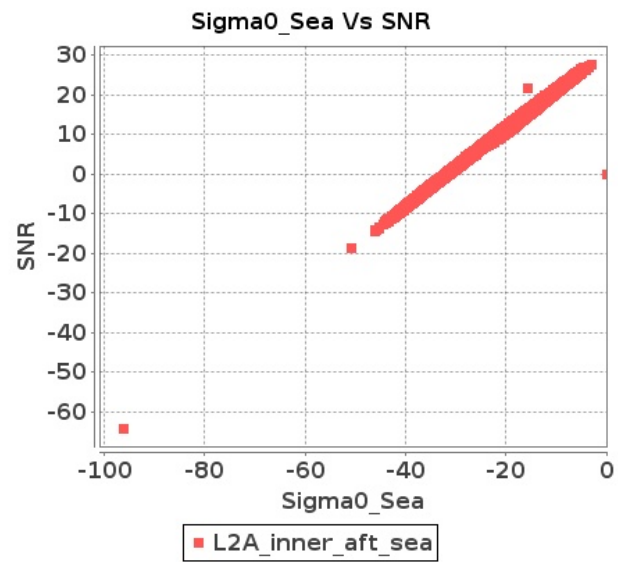


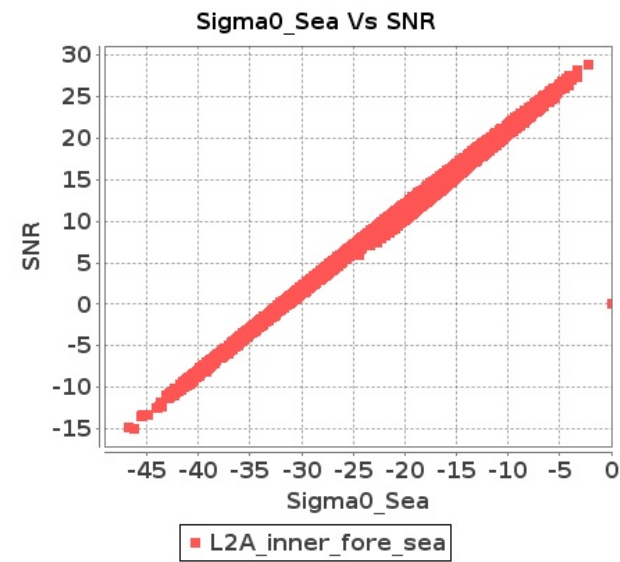
# SCATSAT-1 Scatterometer Level-2A Data Quality Cycle wise Report

Report between 20-NOV-2016 To 21-NOV-2016

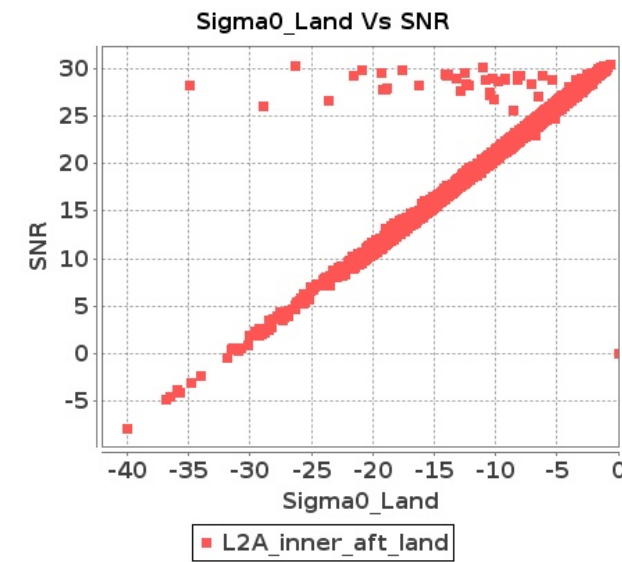
### Inner Sea Aft Sigma0VsSNR



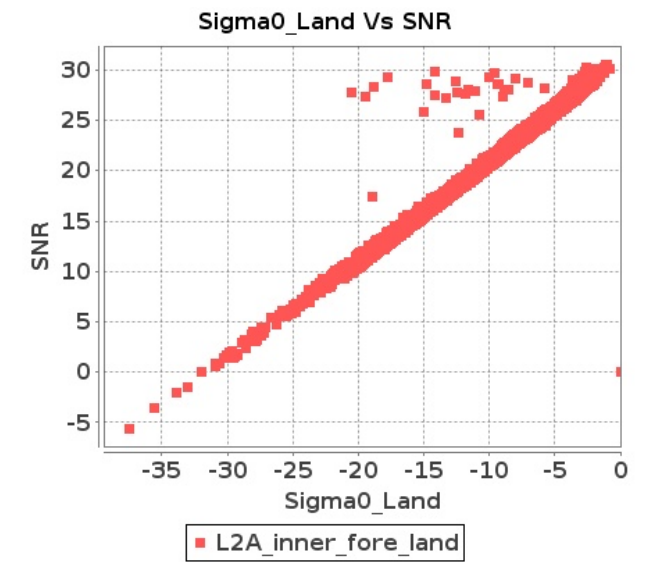
### Inner Sea Fore Sigma0VsSNR



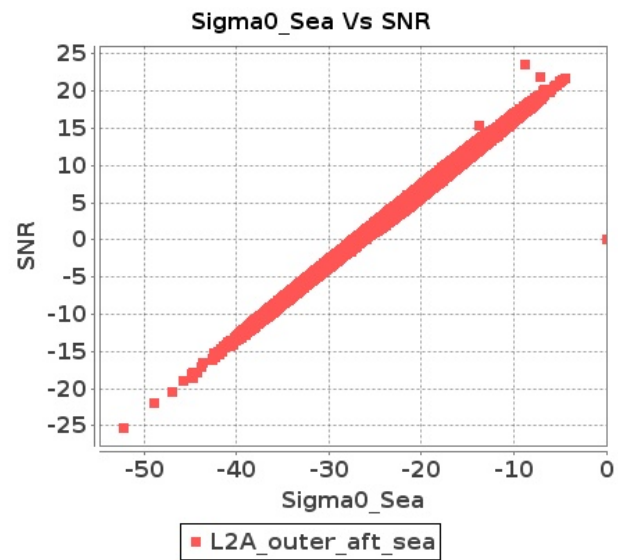
### Inner Land Aft Sigma0VsSNR



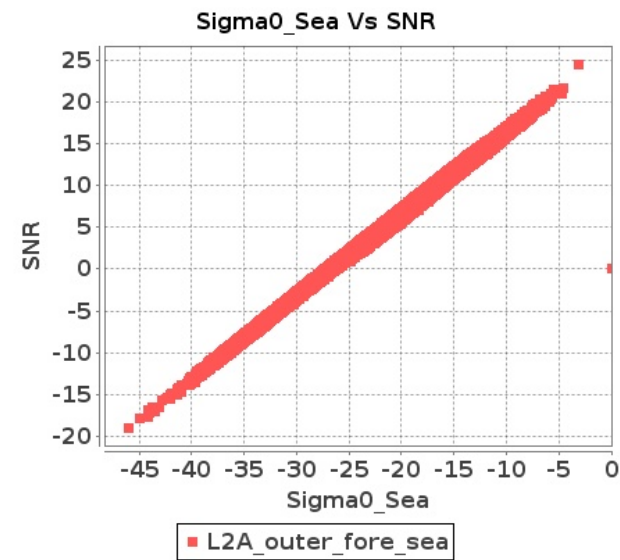
### Inner Land Fore Sigma0VsSNR



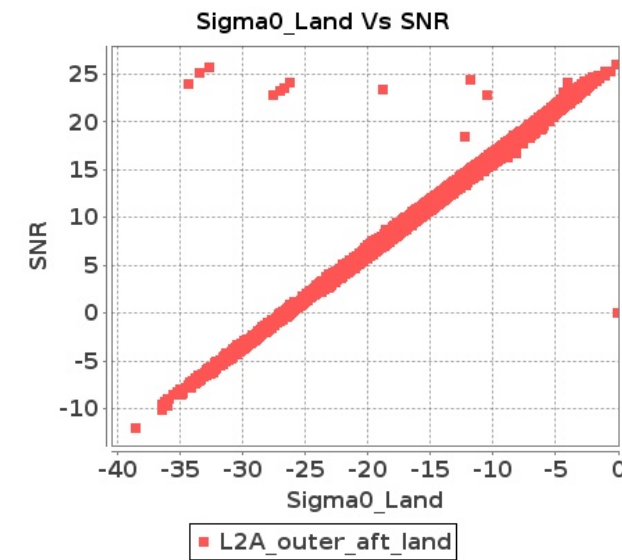
### Outer Sea Aft Sigma0VsSNR



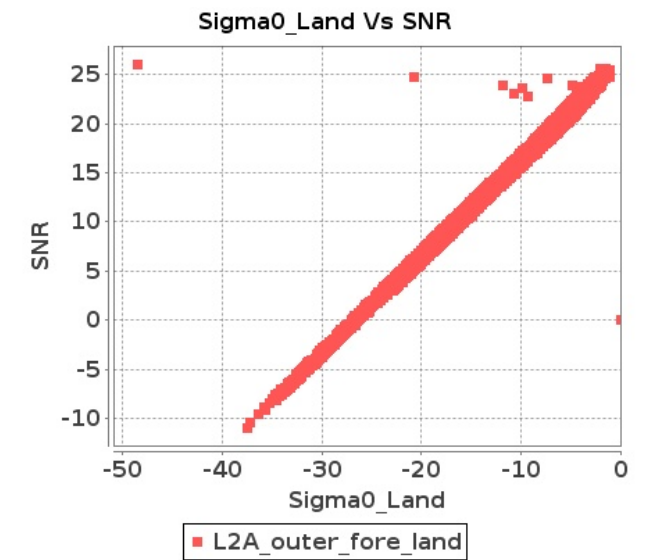
### Outer Sea Fore Sigma0VsSNR



### Outer Land Aft Sigma0VsSNR



### Outer Land Fore Sigma0VsSNR



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

Report between 20-NOV-2016 To 21-NOV-2016

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	797	798	SN	1	0.0	49.572	1.898	0.0	46.424	1.845	0.0	49.951	1.878	0.0	51.367	1.631	0.0	95.165	1.932	0.0	95.413	1.873	0.0	49.956	1.864	0.0	51.359	1.606
2	797	798	NS	1	0.0	97.135	2.341	0.0	99.642	2.078	0.0	60.126	1.736	0.0	58.43	1.987	0.0	95.673	2.552	0.0	95.631	2.195	0.0	92.964	1.739	0.0	95.121	1.991
3	798	799	SN	1	0.0	50.977	2.038	0.0	47.188	1.964	0.0	57.692	2.117	0.0	53.158	2.389	0.0	95.475	2.102	0.0	95.722	2.024	0.0	91.824	2.112	0.0	53.196	2.374
4	798	799	NS	1	0.0	58.291	0.745	0.0	42.171	0.969	0.0	50.892	0.822	0.0	55.808	1.248	0.0	95.207	0.797	0.0	95.571	1.004	0.0	93.832	0.822	0.0	55.784	1.237
5	804	805	SN	1	0.0	58.115	2.22	0.0	51.708	2.142	0.0	52.129	1.766	0.0	51.274	2.013	0.0	95.65	2.318	0.0	95.354	2.197	0.0	95.434	1.789	0.0	93.923	2.004
6	804	805	NS	1	0.0	47.578	1.606	0.0	46.215	1.53	0.0	48.582	1.423	0.0	57.055	1.82	0.0	95.94	1.71	0.0	95.816	1.628	0.0	93.932	1.413	0.0	57.205	1.826
7	805	806	NS	1	0.0	53.494	1.513	0.0	54.703	1.469	0.0	50.07	1.35	0.0	65.059	1.574	0.0	95.406	1.611	0.0	95.504	1.526	0.0	95.969	1.371	0.0	94.614	1.59
8	805	806	SN	1	0.0	94.149	1.988	0.0	48.186	1.911	0.0	45.029	1.754	0.0	49.957	2.182	0.0	94.912	2.038	0.0	95.341	1.93	0.0	93.957	1.772	0.0	49.855	2.182
9	806	807	NS	1	0.0	45.412	1.348	0.0	55.871	1.641	0.0	50.428	1.304	0.0	48.118	1.626	0.0	95.474	1.396	0.0	95.618	1.656	0.0	94.093	1.309	0.0	48.334	1.619
10	806	807	SN	1	0.0	86.214	2.083	0.0	45.227	1.938	0.0	58.492	2.01	0.0	50.793	1.94	0.0	95.278	2.147	0.0	95.155	1.955	0.0	93.102	1.996	0.0	93.493	1.942
11	807	808	NS	1	0.0	54.733	0.989	0.0	47.493	1.268	0.0	47.586	1.215	0.0	51.008	1.624	0.0	95.509	1.035	0.0	95.935	1.316	0.0	93.826	1.22	0.0	51.212	1.608
12	807	808	SN	1	0.0	48.203	1.359	0.0	58.817	1.264	0.0	45.398	1.165	0.0	65.488	1.046	0.0	95.166	1.411	0.0	94.827	1.306	0.0	94.34	1.181	0.0	94.443	1.048
13	808	809	SN	1	0.0	46.011	1.225	0.0	44.156	1.387	0.0	48.621	1.338	0.0	54.14	1.397	0.0	95.913	1.345	0.0	95.402	1.438	0.0	94.381	1.338	0.0	54.018	1.399
14	808	809	NS	1	0.0	49.312	1.175	0.0	47.177	1.265	0.0	52.711	1.144	0.0	53.486	1.507	0.0	94.325	1.184	0.0	94.164	1.245	0.0	94.952	1.135	0.0	93.454	1.502
15	809	810	NS	1	0.0	44.337	1.995	0.0	49.315	2.119	0.0	47.677	1.801	0.0	44.54	2.367	0.0	95.822	2.062	0.0	95.437	2.108	0.0	94.459	1.79	0.0	94.348	2.353
16	809	810	SN	1	0.0	45.81	1.875	0.0	47.45	2.01	0.0	50.621	2.201	0.0	47.066	2.514	0.0	95.547	1.953	0.0	95.571	1.997	0.0	93.63	2.212	0.0	94.658	2.523
17	810	811	SN	1	0.0	59.606	1.565	0.0	48.54	1.612	0.0	51.838	1.407	0.0	43.978	1.777	0.0	95.346	1.597	0.0	94.04	1.625	0.0	51.568	1.4	0.0	43.934	1.76
18	810	811	NS	1	0.0	48.735	1.79	0.0	46.557	1.81	0.0	44.213	1.771	0.0	51.679	1.986	0.0	95.832	1.847	0.0	95.728	1.898	0.0	95.41	1.774	0.0	94.468	1.997
19	811	812	SN	1	0.0	8.439	0.0	0.0	4.605	0.0	0.0	9.017	0.0	100000.0	-100000.0	0.0	0.0	8.394	0.0	0.0	4.448	0.0	0.0	8.873	0.0	100000.0	-100000.0	0.0
20	812	813	SN	1	0.0	53.848	1.607	0.0	58.472	1.873	0.0	46.699	1.75	0.0	54.708	2.271	0.0	94.233	1.622	0.0	95.159	1.897	0.0	46.93	1.755	0.0	54.73	2.256
21	812	813	NS	1	0.0	50.24	1.461	0.0	48.799	1.394	0.0	60.107	1.284	0.0	47.996	1.494	0.0	94.74	1.496	0.0	92.444	1.4	0.0	91.274	1.288	0.0	48.106	1.487
22	813	814	SN	1	0.0	43.047	1.302	0.0	43.797	1.338	0.0	41.638	1.243	0.0	48.269	1.606	0.0	94.459	1.309	0.0	95.747	1.34	0.0	41.592	1.23	0.0	48.362	1.592
23	813	814	NS	1	0.0	53.853	4.849	0.0	96.92	5.378	0.0	42.778	4.442	0.0	49.742	5.181	0.0	94.349	4.891	0.0	92.788	5.394	0.0	42.654	4.463	0.0	49.98	5.153
24	813	814	NS	1	0.0	49.495	1.507	0.0	96.488	1.646	0.0	52.796	1.485	0.0	51.407	1.72	0.0	90.571	1.505	0.0	94.373	1.648	0.0	94.374	1.482	0.0	51.694	1.702
25	813	814	SN	1	0.0	44.506	3.989	0.0	48.169	4.207	0.0	57.053	3.678	0.0	47.505	4.603	0.0	95.366	3.997	0.0	95.747	4.24	0.0	57.276	3.671	0.0	47.532	4.617
26	814	815	NS	1	0.0	55.762	5.428	0.0	60.593	5.976	0.0	55.587	4.876	0.0	56.071	5.561	0.0	94.521	5.495	0.0	94.941	6.075	0.0	55.747	4.897	0.0	55.669	5.603
27	814	815	NS	1	0.0	47.513	1.604	0.0	55.33	1.657	0.0	44.407	1.575	0.0	46.757	1.803	0.0	94.665	1.646	0.0	94.941	1.669	0.0	94.059	1.573	0.0	46.809	1.792
28	815	816	NS	1	0.0	52.064	1.231	0.0	54.034	1.175	0.0	46.3	1.092	0.0	57.736	1.397	0.0	94.428	1.268	0.0	93.391	1.19	0.0	46.546	1.103	0.0	58.274	1.401
29	815	816	SN	1	0.0	51.025	3.542	0.0	49.601	4.007	0.0	56.962	3.585	0.0	47.255	4.346	0.0	94.684	3.576	0.0	49.54	3.948	0.0	56.832	3.521	0.0	47.113	4.353
30	815	816	NS	1	0.0	52.309	4.251	0.0	59.957	4.616	0.0	53.733	3.829	0.0	59.991	4.357	0.0	94.69	4.325	0.0	94.462	4.657	0.0	53.532	3.829	0.0	59.985	4.4
31	815	816	SN	1	0.0	42.372	1.095	0.0	46.976	1.311	0.0	52.934	1.239	0.0	44.009	1.524	0.0	95.716	1.114	0.0	95.719	1.328	0.0	52.801	1.223	0.0	43.665	1.506

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0	Alarming	High Errors

32	816	817	NS	1	0.0	53.887	7.105	0.0	59.467	6.157	0.0	52.811	6.098	0.0	52.415	6.002	0.0	95.156	7.221	0.0	95.335	6.289	0.0	92.003	6.155	0.0	92.703	5.995
33	816	817	NS	1	0.0	93.403	2.13	0.0	98.216	1.871	0.0	53.461	2.031	0.0	48.55	1.948	0.0	95.697	2.178	0.0	94.949	1.911	0.0	53.598	2.013	0.0	93.394	1.939
34	816	817	SN	1	0.0	48.07	1.714	0.0	56.241	1.639	0.0	51.438	1.535	0.0	47.532	1.899	0.0	93.949	1.723	0.0	56.214	1.646	0.0	92.194	1.526	0.0	47.194	1.894
35	816	817	SN	1	0.0	54.733	5.452	0.0	51.266	5.58	0.0	47.18	4.766	0.0	51.241	5.41	0.0	95.122	5.518	0.0	51.432	5.58	0.0	92.194	4.738	0.0	50.888	5.431
36	817	818	SN	1	0.0	97.097	6.112	0.0	55.93	5.987	0.0	54.187	4.918	0.0	60.421	5.631	0.0	94.746	6.302	0.0	94.79	6.103	0.0	95.462	4.954	0.0	94.831	5.609
37	817	818	SN	1	0.0	99.492	1.706	0.0	45.22	1.574	0.0	47.477	1.616	0.0	45.473	1.77	0.0	95.754	1.767	0.0	95.751	1.618	0.0	95.232	1.63	0.0	94.821	1.754
38	817	818	NS	1	0.0	58.511	7.365	0.0	53.874	7.878	0.0	58.164	6.779	0.0	58.255	7.456	0.0	94.092	7.431	0.0	95.191	7.953	0.0	58.34	6.715	0.0	58.186	7.485
39	817	818	NS	1	0.0	50.779	2.457	0.0	50.692	2.46	0.0	49.747	2.295	0.0	49.054	2.663	0.0	94.956	2.486	0.0	95.031	2.475	0.0	93.227	2.293	0.0	48.955	2.64
40	818	819	NS	1	0.0	61.062	4.703	0.0	48.532	4.718	0.0	50.915	4.493	0.0	50.732	5.063	0.0	95.91	5.217	0.0	95.713	5.299	0.0	94.368	4.486	0.0	93.513	5.056
41	818	819	NS	1	0.0	58.828	1.453	0.0	47.456	1.434	0.0	56.841	1.41	0.0	45.536	1.766	0.0	95.895	1.772	0.0	95.848	1.847	0.0	95.341	1.414	0.0	94.373	1.748
42	818	819	SN	1	0.0	53.443	8.827	0.0	92.873	9.155	0.0	52.309	8.065	0.0	52.204	8.218	0.0	95.718	9.158	0.0	95.878	9.355	0.0	95.188	8.108	0.0	95.053	8.182
43	818	819	SN	1	0.0	50.356	2.94	0.0	93.979	2.767	0.0	50.63	2.488	0.0	56.894	2.752	0.0	95.795	3.081	0.0	95.932	2.885	0.0	95.428	2.507	0.0	95.418	2.75
44	819	820	NS	1	0.0	51.145	6.517	0.0	51.162	7.048	0.0	55.516	6.159	0.0	56.509	6.445	0.0	95.916	6.857	0.0	95.698	7.28	0.0	94.427	6.194	0.0	56.377	6.459
45	819	820	SN	1	0.0	54.852	4.737	0.0	58.376	4.698	0.0	60.249	4.259	0.0	45.431	4.618	0.0	95.046	4.853	0.0	94.877	4.731	0.0	95.421	4.281	0.0	45.445	4.59
46	819	820	SN	1	0.0	50.081	1.481	0.0	51.814	1.309	0.0	47.111	1.517	0.0	50.604	1.64	0.0	95.759	1.523	0.0	95.271	1.317	0.0	95.16	1.508	0.0	50.38	1.622
47	819	820	NS	1	0.0	51.122	2.148	0.0	48.698	2.006	0.0	44.156	1.888	0.0	44.851	1.998	0.0	95.56	2.325	0.0	95.721	2.093	0.0	94.48	1.883	0.0	95.099	2.011
48	820	821	SN	1	0.0	90.09	2.651	0.0	48.562	2.336	0.0	55.137	2.353	0.0	52.137	2.537	0.0	95.576	2.679	0.0	95.888	2.355	0.0	79.703	2.357	0.0	52.029	2.526
49	820	821	NS	1	0.0	56.504	5.472	0.0	96.162	5.464	0.0	45.799	4.728	0.0	48.802	5.853	0.0	95.431	5.588	0.0	95.103	5.514	0.0	94.869	4.735	0.0	48.844	5.782
50	820	821	NS	1	0.0	47.081	1.766	0.0	96.38	1.81	0.0	63.959	1.654	0.0	50.793	2.02	0.0	95.54	1.818	0.0	95.788	1.849	0.0	94.49	1.661	0.0	51.262	2.0
51	820	821	SN	1	0.0	54.165	7.445	0.0	53.375	7.089	0.0	58.396	6.847	0.0	54.427	7.731	0.0	95.359	7.536	0.0	95.556	7.056	0.0	92.685	6.918	0.0	94.624	7.681
52	821	822	SN	1	0.0	48.799	1.608	0.0	48.37	1.445	0.0	53.333	1.476	0.0	46.945	1.456	0.0	95.719	1.656	0.0	94.908	1.487	0.0	93.89	1.496	0.0	94.193	1.449
53	821	822	NS	1	0.0	47.575	3.854	0.0	57.559	5.033	0.0	48.161	4.128	0.0	53.771	5.78	0.0	95.669	3.97	0.0	95.931	5.158	0.0	95.39	4.171	0.0	53.62	5.701
54	821	822	SN	1	0.0	51.121	5.698	0.0	53.514	5.585	0.0	48.689	5.018	0.0	51.057	4.642	0.0	95.197	5.839	0.0	95.593	5.743	0.0	94.38	5.061	0.0	93.94	4.684
55	821	822	NS	1	0.0	49.997	1.275	0.0	59.304	1.737	0.0	54.973	1.32	0.0	52.825	2.068	0.0	95.443	1.313	0.0	95.712	1.756	0.0	93.893	1.318	0.0	93.926	2.043
56	822	823	NS	1	0.0	50.568	1.296	0.0	49.3	1.578	0.0	47.513	1.259	0.0	54.229	1.949	0.0	95.791	1.296	0.0	95.682	1.569	0.0	93.595	1.256	0.0	54.092	1.934
57	822	823	NS	1	0.0	56.843	3.774	0.0	47.606	4.471	0.0	48.054	3.823	0.0	49.536	5.081	0.0	57.771	3.8	0.0	95.19	4.462	0.0	48.351	3.823	0.0	49.526	5.089
58	822	823	SN	1	0.0	56.416	4.373	0.0	92.795	4.895	0.0	48.415	4.394	0.0	50.432	4.883	0.0	95.574	4.513	0.0	95.515	5.053	0.0	95.137	4.437	0.0	50.336	4.905
59	822	823	SN	1	0.0	43.465	1.323	0.0	92.795	1.34	0.0	43.811	1.333	0.0	43.339	1.596	0.0	95.718	1.432	0.0	95.491	1.409	0.0	95.581	1.358	0.0	92.601	1.589
60	823	824	NS	1	0.0	61.011	1.761	0.0	51.756	1.938	0.0	52.049	1.771	0.0	52.429	2.254	0.0	95.403	1.801	0.0	94.789	1.929	0.0	91.984	1.766	0.0	93.942	2.239
61	823	824	SN	1	0.0	51.657	6.261	0.0	53.342	6.524	0.0	57.655	6.159	0.0	59.819	6.877	0.0	95.76	6.576	0.0	95.673	6.682	0.0	95.643	6.18	0.0	94.617	6.827
62	823	824	NS	1	0.0	63.501	5.894	0.0	49.028	5.979	0.0	55.953	5.089	0.0	57.355	6.3	0.0	95.6	5.969	0.0	48.932	6.046	0.0	55.634	5.131	0.0	57.262	6.271
63	823	824	SN	1	0.0	59.354	2.07	0.0	53.243	2.175	0.0	50.578	2.136	0.0	58.22	2.539	0.0	95.769	2.259	0.0	95.675	2.293	0.0	93.585	2.145	0.0	93.823	2.526
64	824	825	NS	1	0.0	59.954	5.836	0.0	56.781	6.877	0.0	62.619	5.202	0.0	47.128	6.895	0.0	95.524	6.01	0.0	57.017	6.852	0.0	95.79	5.267	0.0	47.188	6.902
65	824	825	SN	1	0.0	57.934	2.545	0.0	51.678	2.676	0.0	47.007	2.384	0.0	48.876	2.63	0.0	95.582	2.666	0.0	95.853	2.844	0.0	46.747	2.391	0.0	48.735	2.625
66	824	825	SN	1	0.0	49.589	8.077	0.0	54.871	8.119	0.0	52.524	7.424	0.0	51.51	7.57	0.0	95.888	8.284	0.0	95.875	8.426	0.0	52.667	7.417	0.0	51.603	7.619
67	824	825	NS	1	0.0	52.859	1.878	0.0	54.929	2.135	0.0	56.484	1.726	0.0	48.631	2.298	0.0	95.959	1.966	0.0	95.923	2.16	0.0	95.503	1.734	0.0	48.769	2.282

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	797	798	SN	1	0.0	41.385	12.829	0.0	41.9	12.877	0.0	24.641	4.928	0.0	22.303	5.045	0.0	1.865	0.0	0.0	1.855	0.0	0.0	2.214	0.0	0.0	2.195	0.0
2	797	798	NS	1	0.0	41.034	12.931	0.0	41.401	12.766	0.0	22.314	4.391	0.0	24.812	4.248	0.0	1.845	0.0	0.0	1.856	0.0	0.0	2.187	0.0	0.0	2.203	0.0
3	798	799	SN	1	0.0	42.03	12.84	0.0	41.735	12.951	0.0	22.667	4.8	0.0	19.854	4.963	0.0	1.865	0.0	0.0	1.854	0.0	0.0	2.214	0.0	0.0	2.195	0.0
4	798	799	NS	1	0.0	41.222	12.957	0.0	41.589	12.74	0.0	22.672	4.355	0.0	24.724	4.214	0.0	1.846	0.0	0.0	1.855	0.0	0.0	2.187	0.0	0.0	2.202	0.0
5	804	805	SN	1	0.0	40.855	12.815	0.0	41.961	12.901	0.0	23.615	4.829	0.0	22.22	4.978	0.0	1.865	0.0	0.0	1.854	0.0	0.0	2.214	0.0	0.0	2.195	0.0
6	804	805	NS	1	0.0	41.691	12.938	0.0	41.12	12.737	0.0	22.187	4.344	0.0	24.47	4.237	0.0	1.845	0.0	0.0	1.855	0.0	0.0	2.186	0.0	0.0	2.202	0.0
7	805	806	NS	1	0.0	41.867	12.942	0.0	41.324	12.685	0.0	21.994	4.348	0.0	23.67	4.149	0.0	1.844	0.0	0.0	1.855	0.0	0.0	2.186	0.0	0.0	2.202	0.0
8	805	806	SN	1	0.0	40.85	12.809	0.0	41.955	12.887	0.0	24.481	4.953	0.0	21.839	5.056	0.0	1.865	0.0	0.0	1.856	0.0	0.0	2.214	0.0	0.0	2.196	0.0
9	806	807	NS	1	0.0	41.884	12.964	0.0	41.346	12.753	0.0	21.773	4.321	0.0	23.665	4.227	0.0	1.843	0.0	0.0	1.855	0.0	0.0	2.185	0.0	0.0	2.202	0.0
10	806	807	SN	1	0.0	39.443	12.823	0.0	41.288	12.892	0.0	24.52	4.951	0.0	21.856	5.049	0.0	1.865	0.0	0.0	1.854	0.0	0.0	2.214	0.0	0.0	2.196	0.0
11	807	808	NS	1	0.0	41.878	12.959	0.0	41.351	12.73	0.0	22.893	4.332	0.0	24.31	4.224	0.0	1.844	0.0	0.0	1.855	0.0	0.0	2.185	0.0	0.0	2.202	0.0
12	807	808	SN	1	0.0	40.701	12.838	0.0	41.244	12.883	0.0	23.632	4.961	0.0	21.872	5.074	0.0	1.866	0.0	0.0	1.857	0.0	0.0	2.214	0.0	0.0	2.196	0.0
13	808	809	SN	1	0.0	40.822	12.816	0.0	41.768	12.932	0.0	24.128	4.954	0.0	22.468	5.067	0.0	1.866	0.0	0.0	1.856	0.0	0.0	2.215	0.0	0.0	2.196	0.0
14	808	809	NS	1	0.0	40.968	12.961	0.0	41.363	12.736	0.0	22.871	4.338	0.0	24.817	4.223	0.0	1.844	0.0	0.0	1.855	0.0	0.0	2.186	0.0	0.0	2.202	0.0
15	809	810	NS	1	0.0	41.404	12.933	0.0	40.778	12.712	0.0	22.667	4.358	0.0	23.703	4.235	0.0	1.845	0.0	0.0	1.855	0.0	0.0	2.185	0.0	0.0	2.202	0.0
16	809	810	SN	1	0.0	41.379	12.802	0.0	41.906	12.924	0.0	24.167	4.953	0.0	22.479	5.076	0.0	1.865	0.0	0.0	1.855	0.0	0.0	2.215	0.0	0.0	2.196	0.0
17	810	811	SN	1	0.0	40.794	12.819	0.0	41.889	12.742	0.0	16.038	4.367	0.0	19.589	4.734	0.0	1.866	0.0	0.0	1.855	0.0	0.0	2.215	0.0	0.0	2.196	0.0
18	810	811	NS	1	0.0	40.687	12.95	0.0	40.789	12.723	0.0	22.645	4.342	0.0	23.692	4.242	0.0	1.846	0.0	0.0	1.855	0.0	0.0	2.185	0.0	0.0	2.202	0.0
19	811	812	SN	1	0.0	21.343	8.053	0.0	11.278	11.538	0.0	20.008	7.317	100000.0	-100000.0	0.0	0.0	1.84	0.0	0.0	0.337	0.0	0.0	2.183	0.0	100000.0	-100000.0	0.0
20	812	813	SN	1	0.0	42.002	12.83	0.0	40.902	12.921	0.0	22.694	4.839	0.0	19.882	4.991	0.0	1.866	0.0	0.0	1.856	0.0	0.0	2.215	0.0	0.0	2.196	0.0
21	812	813	NS	1	0.0	41.266	12.983	0.0	41.611	12.738	0.0	22.634	4.314	0.0	24.707	4.196	0.0	1.845	0.0	0.0	1.854	0.0	0.0	2.184	0.0	0.0	2.201	0.0
22	813	814	SN	1	0.0	41.699	12.821	0.0	41.343	12.896	0.0	24.465	4.97	0.0	21.795	5.056	0.0	1.867	0.0	0.0	1.857	0.0	0.0	2.217	0.0	0.0	2.196	0.0
23	813	814	NS	1	0.0	42.984	24.619	0.0	46.536	24.486	0.0	26.842	13.418	0.0	29.627	12.833	0.0	1.846	0.0	0.0	1.853	0.0	0.0	2.186	0.0	0.0	2.201	0.0
24	813	814	NS	1	0.0	41.47	12.995	0.0	40.833	12.741	0.0	22.176	4.297	0.0	24.867	4.179	0.0	1.844	0.0	0.0	1.853	0.0	0.0	2.185	0.0	0.0	2.2	0.0
25	813	814	SN	1	0.0	44.153	24.472	0.0	46.1	25.231	0.0	28.314	13.955	0.0	26.803	14.593	0.0	1.867	0.0	0.0	1.855	0.0	0.0	2.217	0.0	0.0	2.196	0.0
26	814	815	NS	1	0.0	44.208	24.523	0.0	46.53	24.492	0.0	27.564	13.289	0.0	29.616	12.866	0.0	1.845	0.0	0.0	1.853	0.0	0.0	2.184	0.0	0.0	2.2	0.0
27	814	815	NS	1	0.0	41.658	12.998	0.0	41.065	12.731	0.0	22.402	4.254	0.0	24.862	4.186	0.0	1.844	0.0	0.0	1.853	0.0	0.0	2.185	0.0	0.0	2.2	0.0
28	815	816	NS	1	0.0	41.652	12.996	0.0	41.076	12.734	0.0	22.402	4.29	0.0	24.779	4.186	0.0	1.844	0.0	0.0	1.853	0.0	0.0	2.185	0.0	0.0	2.2	0.0
29	815	816	SN	1	0.0	44.175	24.499	0.0	46.122	25.262	0.0	28.325	13.979	0.0	26.841	14.741	0.0	1.867	0.0	0.0	1.857	0.0	0.0	2.217	0.0	0.0	2.196	0.0
30	815	816	NS	1	0.0	44.197	24.577	0.0	46.508	24.422	0.0	27.575	13.324	0.0	29.605	12.901	0.0	1.845	0.0	0.0	1.853	0.0	0.0	2.185	0.0	0.0	2.2	0.0
31	815	816	SN	1	0.0	40.734	12.837	0.0	40.88	12.918	0.0	24.465	5.01	0.0	21.823	5.105	0.0	1.867	0.0	0.0	1.856	0.0	0.0	2.216	0.0	0.0	2.196	0.0

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

32	816	817	NS	1	0.0	44.186	24.639	0.0	46.491	24.37	0.0	26.455	13.357	0.0	29.593	12.887	0.0	1.845	0.0	0.0	1.853	0.0	0.0	2.185	0.0	0.0	2.2	0.0
33	816	817	NS	1	0.0	41.669	13.015	0.0	41.098	12.74	0.0	21.63	4.291	0.0	23.665	4.2	0.0	1.843	0.0	0.0	1.853	0.0	0.0	2.185	0.0	0.0	2.2	0.0
34	816	817	SN	1	0.0	39.316	12.816	0.0	41.978	12.91	0.0	24.613	5.006	0.0	21.834	5.112	0.0	1.867	0.0	0.0	1.856	0.0	0.0	2.216	0.0	0.0	2.196	0.0
35	816	817	SN	1	0.0	43.64	24.553	0.0	44.892	25.322	0.0	27.112	13.937	0.0	25.821	14.612	0.0	1.867	0.0	0.0	1.857	0.0	0.0	2.217	0.0	0.0	2.196	0.0
36	817	818	SN	1	0.0	43.635	24.555	0.0	44.925	25.328	0.0	27.112	13.926	0.0	25.849	14.661	0.0	1.866	0.0	0.0	1.857	0.0	0.0	2.216	0.0	0.0	2.196	0.0
37	817	818	SN	1	0.0	39.305	12.839	0.0	41.955	12.915	0.0	24.602	4.998	0.0	21.856	5.126	0.0	1.866	0.0	0.0	1.856	0.0	0.0	2.215	0.0	0.0	2.196	0.0
38	817	818	NS	1	0.0	44.175	24.683	0.0	45.422	24.422	0.0	27.095	13.379	0.0	29.588	12.94	0.0	1.845	0.0	0.0	1.854	0.0	0.0	2.185	0.0	0.0	2.201	0.0
39	817	818	NS	1	0.0	40.908	13.006	0.0	41.302	12.783	0.0	21.972	4.285	0.0	24.762	4.19	0.0	1.844	0.0	0.0	1.854	0.0	0.0	2.185	0.0	0.0	2.2	0.0
40	818	819	NS	1	0.0	44.148	24.65	0.0	45.399	24.444	0.0	27.062	13.401	0.0	29.571	12.926	0.0	1.845	0.0	0.0	1.853	0.0	0.0	2.185	0.0	0.0	2.2	0.0
41	818	819	NS	1	0.0	41.878	12.983	0.0	41.34	12.749	0.0	21.966	4.3	0.0	24.652	4.204	0.0	1.844	0.0	0.0	1.853	0.0	0.0	2.185	0.0	0.0	2.2	0.0
42	818	819	SN	1	0.0	43.673	24.534	0.0	44.936	25.328	0.0	28.358	13.94	0.0	25.86	14.603	0.0	1.866	0.0	0.0	1.855	0.0	0.0	2.215	0.0	0.0	2.196	0.0
43	818	819	SN	1	0.0	39.267	12.833	0.0	41.939	12.9	0.0	23.974	4.871	0.0	22.259	5.021	0.0	1.866	0.0	0.0	1.856	0.0	0.0	2.215	0.0	0.0	2.196	0.0
44	819	820	NS	1	0.0	44.142	24.666	0.0	45.394	24.444	0.0	27.073	13.336	0.0	29.577	12.94	0.0	1.845	0.0	0.0	1.854	0.0	0.0	2.185	0.0	0.0	2.201	0.0
45	819	820	SN	1	0.0	43.679	24.478	0.0	46.183	25.287	0.0	28.391	13.919	0.0	25.871	14.617	0.0	1.865	0.0	0.0	1.858	0.0	0.0	2.215	0.0	0.0	2.196	0.0
46	819	820	SN	1	0.0	39.432	12.801	0.0	41.944	12.922	0.0	23.632	4.947	0.0	22.259	5.083	0.0	1.866	0.0	0.0	1.857	0.0	0.0	2.215	0.0	0.0	2.196	0.0
47	819	820	NS	1	0.0	40.974	12.999	0.0	41.346	12.771	0.0	21.944	4.277	0.0	23.654	4.201	0.0	1.843	0.0	0.0	1.854	0.0	0.0	2.184	0.0	0.0	2.201	0.0
48	820	821	SN	1	0.0	39.68	12.828	0.0	41.784	12.92	0.0	24.718	4.981	0.0	22.468	5.124	0.0	1.866	0.0	0.0	1.855	0.0	0.0	2.215	0.0	0.0	2.197	0.0
49	820	821	NS	1	0.0	44.126	24.675	0.0	45.383	24.478	0.0	27.465	13.378	0.0	29.571	12.839	0.0	1.844	0.0	0.0	1.854	0.0	0.0	2.185	0.0	0.0	2.201	0.0
50	820	821	NS	1	0.0	41.724	13.064	0.0	41.351	12.72	0.0	21.768	4.291	0.0	23.665	4.188	0.0	1.844	0.0	0.0	1.853	0.0	0.0	2.184	0.0	0.0	2.201	0.0
51	820	821	SN	1	0.0	43.712	24.538	0.0	45.504	25.299	0.0	28.033	13.927	0.0	26.334	14.651	0.0	1.866	0.0	0.0	1.856	0.0	0.0	2.215	0.0	0.0	2.197	0.0
52	821	822	SN	1	0.0	40.96	12.809	0.0	41.773	12.932	0.0	24.696	4.981	0.0	94.679	5.15	0.0	1.866	0.0	0.0	1.857	0.0	0.0	2.215	0.0	0.0	2.197	0.0
53	821	822	NS	1	0.0	43.056	24.559	0.0	45.703	24.32	0.0	27.057	13.38	0.0	30.801	12.606	0.0	1.844	0.0	0.0	1.854	0.0	0.0	2.183	0.0	0.0	2.201	0.0
54	821	822	SN	1	0.0	43.695	24.406	0.0	45.521	25.364	0.0	27.989	13.927	0.0	26.207	14.672	0.0	1.866	0.0	0.0	1.857	0.0	0.0	2.215	0.0	0.0	2.197	0.0
55	821	822	NS	1	0.0	41.178	13.027	0.0	41.55	12.654	0.0	21.746	4.282	0.0	23.709	4.087	0.0	1.843	0.0	0.0	1.853	0.0	0.0	2.184	0.0	0.0	2.2	0.0
56	822	823	NS	1	0.0	35.93	13.009	0.0	38.522	12.787	0.0	21.735	4.061	0.0	23.709	4.144	0.0	1.843	0.0	0.0	1.854	0.0	0.0	2.184	0.0	0.0	2.201	0.0
57	822	823	NS	1	0.0	43.728	24.464	0.0	45.686	24.608	0.0	27.029	12.919	0.0	30.796	12.879	0.0	1.845	0.0	0.0	1.854	0.0	0.0	2.184	0.0	0.0	2.201	0.0
58	822	823	SN	1	0.0	43.712	24.422	0.0	45.537	25.357	0.0	28.016	13.956	0.0	25.92	14.671	0.0	1.866	0.0	0.0	1.856	0.0	0.0	2.216	0.0	0.0	2.197	0.0
59	822	823	SN	1	0.0	39.25	12.806	0.0	41.007	12.932	0.0	24.74	5.01	0.0	22.479	5.143	0.0	1.866	0.0	0.0	1.857	0.0	0.0	2.215	0.0	0.0	2.197	0.0
60	823	824	NS	1	0.0	41.205	13.017	0.0	41.572	12.638	0.0	21.735	4.297	0.0	23.692	4.074	0.0	1.843	0.0	0.0	1.854	0.0	0.0	2.184	0.0	0.0	2.201	0.0
61	823	824	SN	1	0.0	43.734	24.489	0.0	45.565	25.391	0.0	27.194	13.97	0.0	229.708	14.658	0.0	1.866	0.0	0.0	1.857	0.0	0.0	2.215	0.0	0.0	2.197	0.0
62	823	824	NS	1	0.0	43.706	24.662	0.0	45.67	24.291	0.0	27.018	13.337	0.0	30.785	12.714	0.0	1.845	0.0	0.0	1.854	0.0	0.0	2.184	0.0	0.0	2.201	0.0
63	823	824	SN	1	0.0	40.668	12.796	0.0	41.911	12.937	0.0	24.74	5.016	0.0	223.316	5.134	0.0	1.866	0.0	0.0	1.857	0.0	0.0	2.215	0.0	0.0	2.197	0.0
64	824	825	NS	1	0.0	43.673	24.695	0.0	45.322	24.474	0.0	27.007	13.38	0.0	29.522	12.914	0.0	1.845	0.0	0.0	1.855	0.0	0.0	2.184	0.0	0.0	2.202	0.0
65	824	825	SN	1	0.0	40.916	12.817	0.0	41.547	12.921	0.0	24.823	4.993	0.0	211.828	5.113	0.0	1.866	0.0	0.0	1.857	0.0	0.0	2.216	0.0	0.0	2.197	0.0
66	824	825	SN	1	0.0	44.142	24.522	0.0	45.035	25.295	0.0	27.178	13.912	0.0	211.338	14.648	0.0	1.867	0.0	0.0	1.858	0.0	0.0	2.216	0.0	0.0	2.197	0.0
67	824	825	NS	1	0.0	41.034	13.006	0.0	40.585	12.732	0.0	21.724	4.281	0.0	24.713	4.164	0.0	1.844	0.0	0.0	1.854	0.0	0.0	2.185	0.0	0.0	2.201	0.0

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