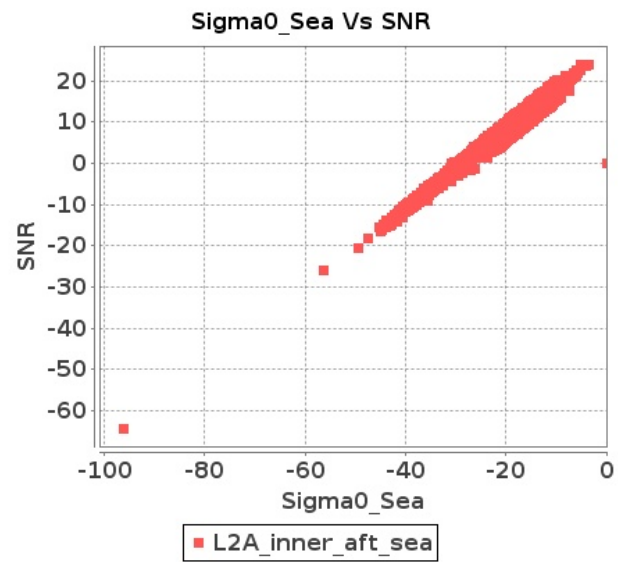


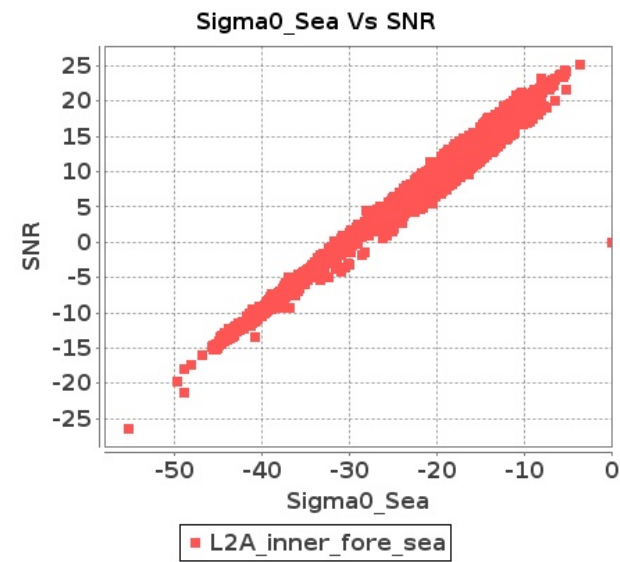
SCATSAT-1 Scatterometer Level-2A Data Quality Cycle wise Report

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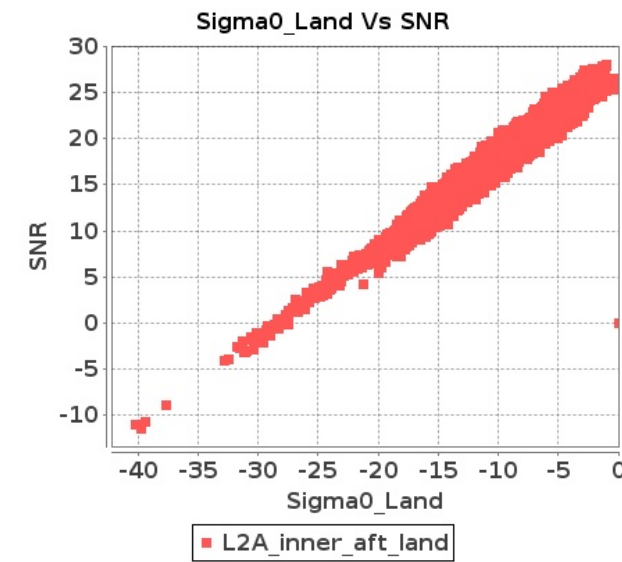
Inner Sea Aft Sigma0VsSNR



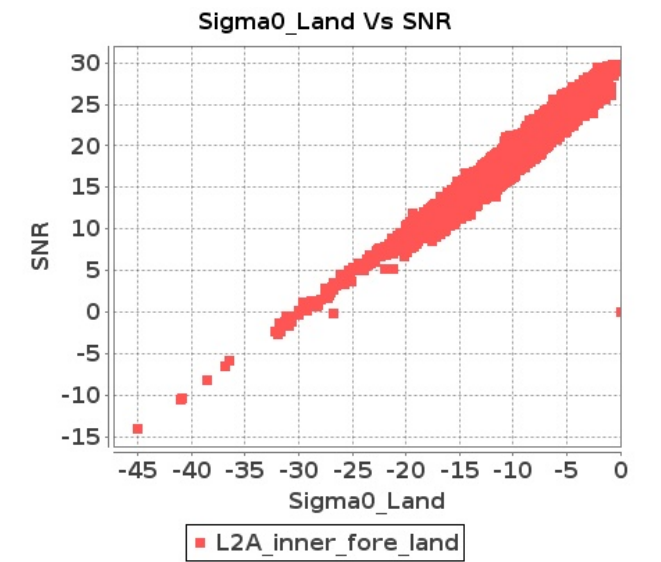
Inner Sea Fore Sigma0VsSNR



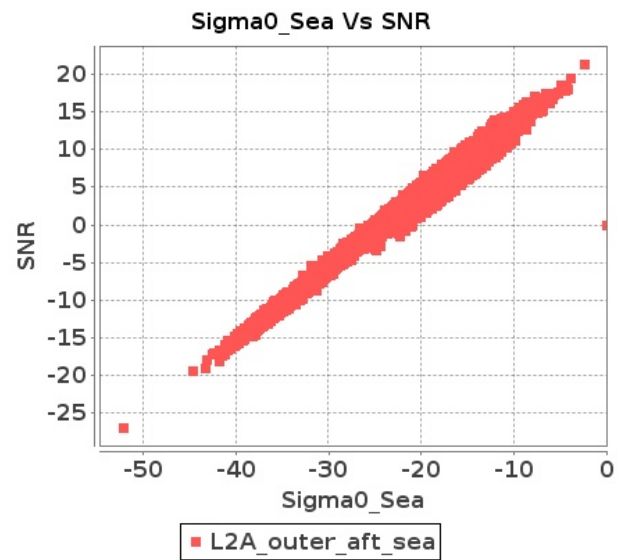
Inner Land Aft Sigma0VsSNR



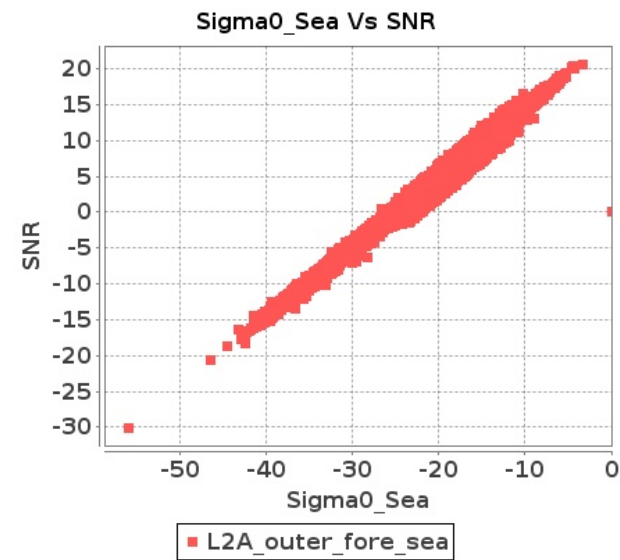
Inner Land Fore Sigma0VsSNR



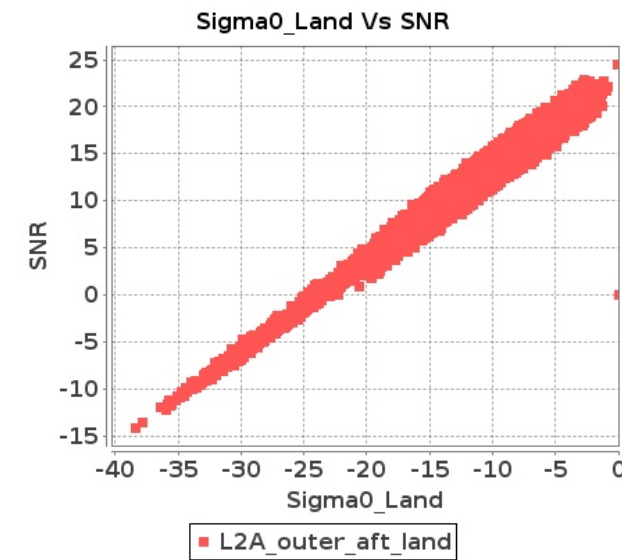
Outer Sea Aft Sigma0VsSNR



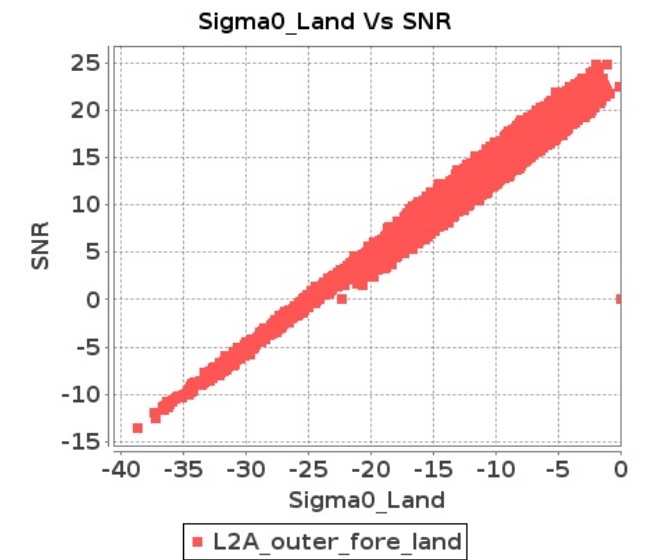
Outer Sea Fore Sigma0VsSNR



Outer Land Aft Sigma0VsSNR



Outer Land Fore Sigma0VsSNR



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

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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	3885	3886	SN	1	0.0	40.742	1.974	0.0	36.969	1.808	0.0	40.366	1.588	0.0	42.176	1.685	0.0	40.576	1.809	0.0	37.39	1.533	0.0	37.955	1.455	0.0	40.296	1.489
2	3885	3886	SN	1	0.0	47.385	5.427	0.0	40.923	5.144	0.0	36.214	4.417	0.0	40.765	4.919	0.0	46.221	5.316	0.0	38.051	4.573	0.0	39.138	4.197	0.0	39.58	4.399
3	3885	3886	NS	1	0.0	43.896	5.956	0.0	48.324	5.036	0.0	47.624	3.755	0.0	38.884	3.8	0.0	45.623	5.654	0.0	51.878	4.292	0.0	44.587	3.42	0.0	36.941	3.225
4	3885	3886	NS	1	0.0	43.845	2.022	0.0	51.054	1.625	0.0	37.433	1.148	0.0	42.892	1.183	0.0	42.385	1.819	0.0	48.679	1.305	0.0	36.751	0.974	0.0	39.398	0.933
5	3885	3886	SN	1	0.0	47.385	5.505	0.0	40.923	5.15	0.0	36.214	4.473	0.0	40.765	4.914	0.0	46.221	5.393	0.0	38.051	4.579	0.0	39.138	4.257	0.0	39.58	4.4
6	3885	3886	SN	1	0.0	40.742	2.002	0.0	36.969	1.813	0.0	40.366	1.609	0.0	42.176	1.689	0.0	40.576	1.838	0.0	37.39	1.538	0.0	37.955	1.476	0.0	40.296	1.492
7	3886	3887	NS	1	0.0	46.371	4.357	0.0	52.462	3.578	0.0	47.122	3.072	0.0	46.029	3.232	0.0	46.322	3.603	0.0	54.709	3.035	0.0	49.465	2.574	0.0	48.121	2.579
8	3886	3887	SN	1	0.0	40.545	2.455	0.0	39.107	1.943	0.0	39.97	1.842	0.0	42.388	1.865	0.0	41.706	2.112	0.0	40.021	1.679	0.0	38.832	1.617	0.0	39.753	1.614
9	3886	3887	SN	1	0.0	48.737	7.264	0.0	46.795	5.786	0.0	43.147	5.466	0.0	41.992	5.565	0.0	48.307	6.528	0.0	48.731	5.098	0.0	41.66	5.249	0.0	41.007	5.091
10	3886	3887	SN	1	0.0	48.737	7.159	0.0	46.795	5.735	0.0	43.147	5.355	0.0	41.992	5.512	0.0	48.307	6.418	0.0	48.731	5.052	0.0	41.66	5.142	0.0	41.007	5.042
11	3886	3887	SN	1	0.0	40.545	2.41	0.0	39.107	1.929	0.0	39.97	1.806	0.0	42.388	1.848	0.0	41.706	2.069	0.0	40.021	1.666	0.0	38.832	1.582	0.0	39.753	1.601
12	3886	3887	NS	1	0.0	43.916	1.384	0.0	54.478	1.03	0.0	40.207	0.89	0.0	40.043	0.9	0.0	43.094	1.04	0.0	56.732	0.873	0.0	35.755	0.695	0.0	40.685	0.746
13	3887	3888	SN	1	0.0	40.259	2.344	0.0	49.738	2.164	0.0	38.191	2.04	0.0	41.981	1.834	0.0	41.422	1.988	0.0	45.885	1.876	0.0	35.682	1.884	0.0	39.732	1.629
14	3887	3888	SN	1	0.0	45.107	5.867	0.0	46.685	5.005	0.0	42.08	5.213	0.0	38.683	5.272	0.0	46.407	5.136	0.0	43.579	4.421	0.0	40.829	4.993	0.0	40.219	4.986
15	3887	3888	NS	1	0.0	51.466	4.277	0.0	46.721	3.559	0.0	46.396	2.944	0.0	42.918	2.998	0.0	53.917	3.814	0.0	45.741	3.197	0.0	47.606	2.609	0.0	39.99	2.735
16	3887	3888	NS	1	0.0	50.253	1.311	0.0	46.945	1.075	0.0	42.275	0.827	0.0	42.527	0.795	0.0	47.684	1.104	0.0	48.891	0.904	0.0	43.595	0.756	0.0	39.469	0.728
17	3887	3888	SN	1	0.0	45.107	5.868	0.0	46.685	5.063	0.0	42.08	5.213	0.0	38.683	5.331	0.0	46.407	5.137	0.0	43.579	4.472	0.0	40.829	4.993	0.0	40.219	5.042
18	3887	3888	SN	1	0.0	40.259	2.344	0.0	49.738	2.191	0.0	38.191	2.04	0.0	41.981	1.853	0.0	41.422	1.988	0.0	45.885	1.897	0.0	35.682	1.884	0.0	39.732	1.646
19	3888	3889	SN	1	0.0	49.682	9.296	0.0	55.304	8.617	0.0	40.449	6.276	0.0	47.321	6.258	0.0	49.098	9.043	0.0	57.458	8.14	0.0	39.169	6.04	0.0	47.467	6.1
20	3888	3889	SN	1	0.0	49.682	9.311	0.0	55.304	8.671	0.0	40.449	6.219	0.0	47.321	6.286	0.0	49.098	9.041	0.0	57.458	8.192	0.0	39.169	5.985	0.0	47.467	6.127
21	3888	3889	NS	1	0.0	47.165	2.725	0.0	50.059	2.28	0.0	40.965	1.841	0.0	50.517	1.789	0.0	46.7	2.529	0.0	47.835	2.032	0.0	43.191	1.67	0.0	47.964	1.592
22	3888	3889	NS	1	0.0	54.459	8.021	0.0	57.047	7.288	0.0	45.377	6.015	0.0	46.28	5.967	0.0	54.065	7.649	0.0	54.031	6.614	0.0	44.505	5.667	0.0	45.675	5.569
23	3888	3889	SN	1	0.0	43.814	2.886	0.0	45.971	2.64	0.0	44.241	2.053	0.0	39.357	2.066	0.0	45.374	2.7	0.0	45.838	2.359	0.0	42.002	1.963	0.0	38.572	1.933
24	3888	3889	SN	1	0.0	43.814	2.88	0.0	45.971	2.646	0.0	44.241	2.033	0.0	39.357	2.073	0.0	45.374	2.693	0.0	45.838	2.362	0.0	42.002	1.945	0.0	38.572	1.94
25	3889	3890	SN	1	0.0	49.346	2.467	0.0	49.453	2.504	0.0	39.247	1.743	0.0	42.533	1.864	0.0	50.145	2.258	0.0	50.674	2.234	0.0	39.913	1.578	0.0	40.914	1.729
26	3889	3890	SN	1	0.0	47.813	8.049	0.0	57.203	8.248	0.0	47.58	5.626	0.0	50.033	5.997	0.0	48.231	7.499	0.0	55.429	7.35	0.0	47.111	5.316	0.0	50.721	5.523
27	3889	3890	SN	1	0.0	47.813	8.131	0.0	57.203	8.355	0.0	47.58	5.481	0.0	50.033	5.975	0.0	48.231	7.51	0.0	55.429	7.459	0.0	47.111	5.162	0.0	50.721	5.477
28	3889	3890	NS	1	0.0	48.201	3.427	0.0	43.905	3.254	0.0	51.097	2.429	0.0	41.283	2.366	0.0	46.689	3.316	0.0	43.293	3.015	0.0	47.191	2.257	0.0	40.578	2.171
29	3889	3890	NS	1	0.0	52.398	10.967	0.0	48.901	10.122	0.0	45.248	7.329	0.0	41.512	7.245	0.0	51.616	10.957	0.0	47.891	9.669	0.0	42.384	7.493	0.0	43.673	6.975
30	3889	3890	SN	1	0.0	49.346	2.436	0.0	49.453	2.533	0.0	39.247	1.704	0.0	42.533	1.839	0.0	50.145	2.215	0.0	50.674	2.267	0.0	39.913	1.532	0.0	40.914	1.71
31	3890	3891	NS	1	0.0	44.3	5.244	0.0	46.967	4.928	0.0	40.835	4.268	0.0	43.737	3.752	0.0	46.102	4.72	0.0	43.322	4.264	0.0	39.334	4.055	0.0	41.455	3.269

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

32	3890	3891	SN	1	0.0	57.261	6.687	0.0	54.051	6.759	0.0	48.743	4.45	0.0	44.66	5.146	0.0	56.892	6.197	0.0	55.125	6.402	0.0	46.356	4.109	0.0	47.493	4.705
33	3890	3891	SN	1	0.0	57.261	6.672	0.0	54.051	6.492	0.0	48.743	4.759	0.0	44.66	5.081	0.0	56.892	6.12	0.0	55.125	6.159	0.0	46.356	4.39	0.0	47.493	4.632
34	3890	3891	SN	1	0.0	48.738	2.317	0.0	58.545	2.167	0.0	43.304	1.379	0.0	41.404	1.351	0.0	47.65	2.048	0.0	55.112	1.989	0.0	42.987	1.189	0.0	40.961	1.166
35	3890	3891	SN	1	0.0	48.738	2.285	0.0	58.545	2.155	0.0	43.304	1.295	0.0	41.404	1.364	0.0	47.65	2.03	0.0	55.112	1.992	0.0	42.987	1.114	0.0	40.961	1.189
36	3890	3891	NS	1	0.0	41.713	1.953	0.0	46.61	1.376	0.0	42.948	1.483	0.0	39.945	1.238	0.0	43.568	1.695	0.0	44.974	1.155	0.0	40.036	1.357	0.0	42.118	1.047
37	3891	3892	SN	1	0.0	42.798	1.357	0.0	51.127	1.252	0.0	46.613	0.913	0.0	41.311	1.041	0.0	41.987	1.235	0.0	49.467	1.188	0.0	43.841	0.846	0.0	40.126	0.946
38	3891	3892	NS	1	0.0	52.985	7.62	0.0	49.043	6.335	0.0	43.16	5.413	0.0	41.969	5.123	0.0	50.872	7.54	0.0	48.362	6.215	0.0	42.461	5.299	0.0	41.083	4.711
39	3891	3892	NS	1	0.0	51.325	2.373	0.0	49.209	1.926	0.0	43.941	1.606	0.0	37.269	1.616	0.0	50.901	2.289	0.0	47.995	1.78	0.0	40.468	1.567	0.0	37.716	1.484
40	3891	3892	SN	1	0.0	46.829	3.797	0.0	43.172	3.798	0.0	47.115	2.863	0.0	44.031	3.188	0.0	44.819	3.516	0.0	46.998	3.546	0.0	45.157	2.736	0.0	43.982	3.045
41	3892	3893	SN	1	0.0	46.059	5.429	0.0	48.399	4.845	0.0	45.915	3.658	0.0	38.881	3.674	0.0	45.81	4.648	0.0	49.969	4.432	0.0	47.003	3.495	0.0	40.694	3.517
42	3892	3893	SN	1	0.0	41.831	1.77	0.0	47.394	1.607	0.0	36.699	1.266	0.0	39.116	1.187	0.0	40.832	1.612	0.0	48.982	1.467	0.0	35.844	1.197	0.0	34.577	1.094
43	3892	3893	NS	1	0.0	50.635	8.182	0.0	54.187	7.032	0.0	48.853	5.197	0.0	46.6	5.481	0.0	51.163	7.447	0.0	53.745	6.358	0.0	49.299	4.913	0.0	45.456	5.047
44	3892	3893	NS	1	0.0	43.293	2.663	0.0	45.629	2.175	0.0	40.087	1.763	0.0	44.318	1.653	0.0	43.79	2.298	0.0	48.144	1.938	0.0	40.442	1.575	0.0	42.328	1.45
45	3893	3894	NS	1	0.0	49.399	6.277	0.0	44.872	6.307	0.0	37.864	5.096	0.0	44.306	4.89	0.0	48.754	5.804	0.0	46.142	5.643	0.0	37.183	4.576	0.0	43.548	4.243
46	3893	3894	NS	1	0.0	46.896	2.11	0.0	39.707	1.911	0.0	38.796	1.737	0.0	37.973	1.655	0.0	46.728	1.823	0.0	41.519	1.726	0.0	38.317	1.54	0.0	36.023	1.411
47	3897	3898	SN	1	0.0	50.33	5.58	0.0	50.183	4.842	0.0	44.54	4.259	0.0	39.385	4.359	0.0	51.172	5.026	0.0	49.404	4.233	0.0	46.2	3.881	0.0	41.909	3.964
48	3897	3898	SN	1	0.0	41.952	1.845	0.0	50.48	1.573	0.0	38.199	1.239	0.0	41.206	1.204	0.0	39.935	1.53	0.0	47.613	1.308	0.0	37.034	1.109	0.0	42.312	1.019
49	3897	3898	SN	1	0.0	50.33	5.517	0.0	50.183	4.757	0.0	44.54	4.346	0.0	39.385	4.342	0.0	51.172	4.986	0.0	49.404	4.166	0.0	46.2	3.963	0.0	41.909	3.937
50	3897	3898	SN	1	0.0	41.815	1.836	0.0	50.717	1.6	0.0	41.443	1.233	0.0	37.765	1.228	0.0	39.034	1.507	0.0	47.851	1.332	0.0	40.511	1.099	0.0	40.897	1.039
51	3897	3898	SN	1	0.0	41.815	1.856	0.0	50.717	1.646	0.0	41.443	1.208	0.0	37.765	1.236	0.0	39.034	1.53	0.0	47.851	1.364	0.0	40.511	1.066	0.0	40.897	1.048
52	3897	3898	SN	1	0.0	50.432	5.526	0.0	49.249	4.703	0.0	44.071	4.346	0.0	39.094	4.294	0.0	51.965	4.955	0.0	48.47	4.109	0.0	45.899	3.934	0.0	39.965	3.844
53	3898	3899	SN	1	0.0	47.256	1.923	0.0	46.562	1.908	0.0	45.816	1.25	0.0	42.004	1.315	0.0	46.867	1.693	0.0	45.016	1.753	0.0	46.741	1.12	0.0	40.903	1.132
54	3898	3899	NS	1	0.0	55.335	7.082	0.0	57.323	6.001	0.0	45.196	4.778	0.0	52.716	5.007	0.0	55.879	6.308	0.0	55.785	5.317	0.0	44.649	4.252	0.0	49.677	4.339
55	3898	3899	NS	1	0.0	54.819	7.012	0.0	51.288	5.981	0.0	47.289	4.771	0.0	53.014	5.028	0.0	57.178	6.247	0.0	53.53	5.277	0.0	45.903	4.281	0.0	49.975	4.382
56	3898	3899	NS	1	0.0	53.494	2.214	0.0	49.858	1.833	0.0	43.22	1.485	0.0	45.842	1.464	0.0	51.58	1.867	0.0	48.692	1.542	0.0	40.874	1.289	0.0	46.754	1.261
57	3898	3899	NS	1	0.0	55.588	2.207	0.0	52.423	1.846	0.0	43.644	1.463	0.0	49.02	1.471	0.0	54.463	1.855	0.0	51.26	1.569	0.0	41.269	1.266	0.0	46.283	1.259
58	3898	3899	SN	1	0.0	47.389	5.778	0.0	52.496	5.935	0.0	47.536	4.293	0.0	49.495	4.438	0.0	45.451	5.196	0.0	52.868	5.495	0.0	48.305	3.888	0.0	48.391	4.147
59	3898	3899	SN	1	0.0	48.483	1.886	0.0	46.326	1.881	0.0	40.395	1.233	0.0	48.735	1.302	0.0	48.093	1.665	0.0	44.896	1.725	0.0	41.324	1.111	0.0	45.642	1.113
60	3898	3899	SN	1	0.0	47.558	5.676	0.0	52.234	5.881	0.0	51.812	4.226	0.0	47.544	4.43	0.0	46.268	5.105	0.0	52.608	5.448	0.0	51.912	3.807	0.0	46.441	4.094
61	3899	3900	NS	1	0.0	44.301	1.325	0.0	49.614	0.933	0.0	41.124	0.883	0.0	37.891	0.738	0.0	45.731	1.079	0.0	53.404	0.776	0.0	38.065	0.761	0.0	37.958	0.637
62	3899	3900	SN	1	0.0	48.924	6.84	0.0	54.139	5.832	0.0	45.734	5.1	0.0	42.558	4.755	0.0	47.255	6.94	0.0	55.308	6.346	0.0	43.209	5.285	0.0	42.765	4.905
63	3899	3900	NS	1	0.0	49.827	3.662	0.0	48.474	2.663	0.0	40.839	2.673	0.0	37.349	2.244	0.0	48.432	2.938	0.0	47.467	2.12	0.0	39.413	2.154	0.0	35.573	1.91
64	3899	3900	SN	1	0.0	53.062	2.067	0.0	42.878	2.053	0.0	38.74	1.719	0.0	43.766	1.618	0.0	49.199	2.139	0.0	42.822	1.999	0.0	36.039	1.694	0.0	39.372	1.597
65	3900	3901	SN	1	0.0	41.602	2.739	0.0	41.152	2.316	0.0	41.463	2.107	0.0	38.803	2.061	0.0	42.026	2.567	0.0	44.254	2.127	0.0	39.848	2.029	0.0	37.599	1.891
66	3900	3901	NS	1	0.0	47.889	3.945	0.0	46.75	2.875	0.0	50.196	3.399	0.0	46.099	3.076	0.0	50.381	3.452	0.0	48.946	2.392	0.0	46.273	2.916	0.0	45.749	2.664
67	3900	3901	SN	1	0.0	41.602	2.695	0.0	41.152	2.326	0.0	41.463	2.07	0.0	38.803	2.062	0.0	42.026	2.525	0.0	44.254	2.141	0.0	39.848	1.992	0.0	37.599	1.895

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

68	3900	3901	SN	1	0.0	44.532	7.719	0.0	45.903	6.777	0.0	43.12	5.82	0.0	43.472	6.257	0.0	46.935	7.439	0.0	45.73	6.115	0.0	43.193	5.785	0.0	44.995	5.773
69	3900	3901	SN	1	0.0	44.532	7.831	0.0	45.903	6.658	0.0	43.12	5.915	0.0	43.472	6.228	0.0	46.935	7.546	0.0	45.73	6.024	0.0	43.193	5.887	0.0	44.995	5.741
70	3900	3901	NS	1	0.0	42.021	1.406	0.0	46.933	1.026	0.0	42.62	1.025	0.0	39.322	0.994	0.0	42.948	1.18	0.0	42.498	0.814	0.0	42.277	0.954	0.0	35.936	0.852
71	3901	3902	SN	1	0.0	39.212	2.833	0.0	43.616	2.363	0.0	38.54	2.008	0.0	38.536	1.814	0.0	39.926	2.501	0.0	41.361	2.086	0.0	35.819	1.746	0.0	38.199	1.585
72	3901	3902	SN	1	0.0	43.663	8.377	0.0	49.167	7.502	0.0	44.94	5.746	0.0	40.983	5.391	0.0	40.725	7.74	0.0	46.903	6.851	0.0	42.32	5.484	0.0	38.269	5.047
73	3901	3902	NS	1	0.0	51.475	4.659	0.0	52.697	4.341	0.0	45.502	2.901	0.0	49.501	2.912	0.0	53.491	4.075	0.0	50.13	3.708	0.0	44.495	2.553	0.0	50.582	2.557
74	3901	3902	NS	1	0.0	41.633	1.28	0.0	43.981	1.096	0.0	44.493	0.874	0.0	42.966	0.767	0.0	39.948	1.083	0.0	40.861	0.952	0.0	44.655	0.759	0.0	45.121	0.664
75	3901	3902	SN	1	0.0	43.663	8.3	0.0	49.167	7.429	0.0	44.94	5.623	0.0	40.983	5.332	0.0	40.725	7.669	0.0	46.903	6.767	0.0	42.32	5.367	0.0	38.269	4.986
76	3901	3902	SN	1	0.0	39.212	2.893	0.0	43.616	2.393	0.0	38.54	2.056	0.0	38.536	1.839	0.0	40.478	2.557	0.0	41.361	2.112	0.0	35.819	1.785	0.0	38.199	1.607
77	3902	3903	NS	1	0.0	50.511	6.813	0.0	49.996	6.342	0.0	44.776	5.68	0.0	43.822	5.526	0.0	50.461	6.441	0.0	53.347	5.689	0.0	42.663	5.289	0.0	43.487	4.908
78	3902	3903	NS	1	0.0	46.562	2.516	0.0	46.596	2.291	0.0	40.369	1.57	0.0	44.031	1.64	0.0	45.741	2.275	0.0	46.32	2.084	0.0	39.334	1.39	0.0	42.943	1.466
79	3902	3903	SN	1	0.0	44.609	9.062	0.0	44.137	8.029	0.0	41.073	5.574	0.0	41.426	5.589	0.0	46.047	8.406	0.0	42.856	7.191	0.0	38.309	5.375	0.0	39.788	5.136
80	3902	3903	SN	1	0.0	43.848	2.716	0.0	42.286	2.312	0.0	43.257	1.996	0.0	41.047	1.956	0.0	43.498	2.559	0.0	42.927	2.111	0.0	40.888	1.763	0.0	39.193	1.714

Parameter Specifications	Parameters	SNR	Sigma0
	Range	20.0	20.0

■ Normal ■ Deviations
■ Alarming ■ High Errors

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	3885	3886	SN	1	0.0	25.777	8.668	0.0	27.68	8.704	0.0	151.767	2.319	0.0	134.602	2.689	0.0	1.859	0.0	1.913	0.0	0.0	2.03	0.0	0.0	2.065	0.0	
2	3885	3886	SN	1	0.0	31.276	14.908	0.0	27.31	14.983	0.0	151.762	10.532	0.0	112.702	11.146	0.0	1.858	0.0	1.929	0.0	0.0	2.032	0.0	0.0	2.086	0.0	
3	3885	3886	NS	1	0.0	25.915	14.066	0.0	33.917	15.993	0.0	330.826	13.162	0.0	86.31	13.055	0.0	1.929	0.0	1.901	0.0	0.0	2.082	0.0	0.0	2.053	0.0	
4	3885	3886	NS	1	0.0	26.996	9.579	0.0	25.915	9.64	0.0	331.989	4.15	0.0	134.787	3.908	0.0	1.926	0.0	1.889	0.0	0.0	2.074	0.0	0.0	2.052	0.0	
5	3885	3886	SN	1	0.0	34.281	14.93	0.0	27.31	14.799	0.0	151.762	10.56	0.0	112.702	10.747	0.0	1.858	0.0	1.929	0.0	0.0	2.032	0.0	0.0	2.086	0.0	
6	3885	3886	SN	1	0.0	25.777	8.662	0.0	26.946	8.621	0.0	151.767	2.317	0.0	69.856	2.517	0.0	1.859	0.0	1.913	0.0	0.0	2.03	0.0	0.0	2.065	0.0	
7	3886	3887	NS	1	0.0	25.915	14.049	0.0	33.917	15.96	0.0	352.24	13.111	0.0	79.956	13.007	0.0	1.931	0.0	1.902	0.0	0.0	2.08	0.0	0.0	2.052	0.0	
8	3886	3887	SN	1	0.0	25.761	8.695	0.0	26.935	8.648	0.0	175.862	2.359	0.0	13.159	2.518	0.0	1.863	0.0	1.913	0.0	0.0	2.029	0.0	0.0	2.064	0.0	
9	3886	3887	SN	1	0.0	34.265	14.855	0.0	27.31	14.676	0.0	171.886	10.613	0.0	17.196	10.627	0.0	1.857	0.0	1.934	0.0	0.0	2.032	0.0	0.0	2.083	0.0	
10	3886	3887	SN	1	0.0	31.43	14.849	0.0	27.31	15.025	0.0	171.886	10.582	0.0	60.207	11.168	0.0	1.857	0.0	1.934	0.0	0.0	2.032	0.0	0.0	2.083	0.0	
11	3886	3887	SN	1	0.0	25.761	8.696	0.0	27.713	8.744	0.0	175.862	2.362	0.0	66.186	2.707	0.0	1.863	0.0	1.913	0.0	0.0	2.029	0.0	0.0	2.064	0.0	
12	3886	3887	NS	1	0.0	26.99	9.592	0.0	25.921	9.607	0.0	333.313	4.159	0.0	132.332	3.899	0.0	1.929	0.0	1.891	0.0	0.0	2.074	0.0	0.0	2.052	0.0	
13	3887	3888	SN	1	0.0	25.761	8.723	0.0	27.658	8.694	0.0	161.606	2.341	0.0	46.078	2.66	0.0	1.863	0.0	1.909	0.0	0.0	2.029	0.0	0.0	2.062	0.0	
14	3887	3888	SN	1	0.0	34.149	14.918	0.0	27.31	14.995	0.0	168.318	10.56	0.0	61.15	11.059	0.0	1.858	0.0	1.933	0.0	0.0	2.033	0.0	0.0	2.085	0.0	
15	3887	3888	NS	1	0.0	25.909	14.069	0.0	33.89	15.983	0.0	355.704	13.14	0.0	87.518	13.021	0.0	1.931	0.0	1.902	0.0	0.0	2.081	0.0	0.0	2.055	0.0	
16	3887	3888	NS	1	0.0	27.004	9.597	0.0	25.909	9.582	0.0	334.978	4.166	0.0	135.415	3.909	0.0	1.924	0.0	1.89	0.0	0.0	2.074	0.0	0.0	2.056	0.0	
17	3887	3888	SN	1	0.0	31.22	14.899	0.0	27.31	15.015	0.0	168.318	10.56	0.0	61.167	11.168	0.0	1.858	0.0	1.933	0.0	0.0	2.033	0.0	0.0	2.085	0.0	
18	3887	3888	SN	1	0.0	25.761	8.73	0.0	27.658	8.751	0.0	161.606	2.341	0.0	42.78	2.683	0.0	1.863	0.0	1.909	0.0	0.0	2.029	0.0	0.0	2.062	0.0	
19	3888	3889	SN	1	0.0	34.077	14.893	0.0	27.299	14.879	0.0	154.359	10.554	0.0	23.588	10.889	0.0	1.858	0.0	1.926	0.0	0.0	2.031	0.0	0.0	2.069	0.0	
20	3888	3889	SN	1	0.0	31.154	14.878	0.0	27.299	14.999	0.0	154.359	10.528	0.0	42.085	11.178	0.0	1.858	0.0	1.926	0.0	0.0	2.031	0.0	0.0	2.069	0.0	
21	3888	3889	NS	1	0.0	26.985	9.611	0.0	25.926	9.622	0.0	317.099	4.151	0.0	132.388	3.903	0.0	1.929	0.0	1.89	0.0	0.0	2.076	0.0	0.0	2.052	0.0	
22	3888	3889	NS	1	0.0	25.921	14.08	0.0	38.103	16.084	0.0	124.482	13.153	0.0	82.162	13.07	0.0	1.928	0.0	1.901	0.0	0.0	2.08	0.0	0.0	2.053	0.0	
23	3888	3889	SN	1	0.0	25.761	8.713	0.0	27.299	8.668	0.0	154.216	2.346	0.0	17.593	2.563	0.0	1.858	0.0	1.913	0.0	0.0	2.028	0.0	0.0	2.075	0.0	
24	3888	3889	SN	1	0.0	25.761	8.711	0.0	27.647	8.742	0.0	154.216	2.338	0.0	71.656	2.697	0.0	1.858	0.0	1.913	0.0	0.0	2.028	0.0	0.0	2.075	0.0	
25	3889	3890	SN	1	0.0	25.766	8.727	0.0	26.941	8.609	0.0	148.833	2.345	0.0	12.387	2.452	0.0	1.86	0.0	1.912	0.0	0.0	2.028	0.0	0.0	2.075	0.0	
26	3889	3890	SN	1	0.0	34.138	14.843	0.0	26.731	14.492	0.0	150.129	10.529	0.0	15.762	10.334	0.0	1.858	0.0	1.929	0.0	0.0	2.03	0.0	0.0	2.065	0.0	
27	3889	3890	SN	1	0.0	31.038	14.859	0.0	27.305	14.968	0.0	150.129	10.515	0.0	56.86	11.134	0.0	1.858	0.0	1.929	0.0	0.0	2.03	0.0	0.0	2.065	0.0	
28	3889	3890	NS	1	0.0	26.979	9.606	0.0	25.921	9.619	0.0	345.247	4.174	0.0	89.056	3.912	0.0	1.923	0.0	1.889	0.0	0.0	2.076	0.0	0.0	2.052	0.0	
29	3889	3890	NS	1	0.0	25.915	14.096	0.0	38.147	16.032	0.0	354.446	13.158	0.0	79.278	13.112	0.0	1.931	0.0	1.9	0.0	0.0	2.08	0.0	0.0	2.052	0.0	
30	3889	3890	SN	1	0.0	25.766	8.725	0.0	27.63	8.746	0.0	148.833	2.331	0.0	57.703	2.675	0.0	1.86	0.0	1.912	0.0	0.0	2.028	0.0	0.0	2.075	0.0	
31	3890	3891	NS	1	0.0	25.926	14.0	0.0	33.785	16.03	0.0	100.221	13.096	0.0	95.25	13.117	0.0	1.934	0.0	1.9	0.0	0.0	2.081	0.0	0.0	2.052	0.0	

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

32	3890	3891	SN	1	0.0	33.559	14.796	0.0	27.31	14.996	0.0	170.601	10.532	0.0	57.61	11.036	0.0	1.857	0.0	0.0	1.933	0.0	0.0	2.03	0.0	0.0	2.082	0.0
33	3890	3891	SN	1	0.0	39.19	14.899	0.0	25.413	14.113	0.0	170.601	10.639	0.0	14.118	9.69	0.0	1.857	0.0	0.0	1.933	0.0	0.0	2.03	0.0	0.0	2.082	0.0
34	3890	3891	SN	1	0.0	25.761	8.73	0.0	26.941	8.449	0.0	157.222	2.377	0.0	12.315	2.282	0.0	1.86	0.0	0.0	1.918	0.0	0.0	2.026	0.0	0.0	2.076	0.0
35	3890	3891	SN	1	0.0	25.761	8.671	0.0	27.641	8.731	0.0	157.222	2.308	0.0	62.259	2.64	0.0	1.86	0.0	0.0	1.918	0.0	0.0	2.026	0.0	0.0	2.076	0.0
36	3890	3891	NS	1	0.0	26.968	9.64	0.0	25.915	9.633	0.0	318.092	4.148	0.0	87.28	3.934	0.0	1.924	0.0	0.0	1.89	0.0	0.0	2.077	0.0	0.0	2.053	0.0
37	3891	3892	SN	1	0.0	25.755	8.684	0.0	27.641	8.668	0.0	165.748	2.312	0.0	62.766	2.582	0.0	1.861	0.0	0.0	1.909	0.0	0.0	2.027	0.0	0.0	2.074	0.0
38	3891	3892	NS	1	0.0	25.921	14.033	0.0	33.807	16.03	0.0	138.65	13.166	0.0	96.479	13.031	0.0	1.921	0.0	0.0	1.9	0.0	0.0	2.085	0.0	0.0	2.052	0.0
39	3891	3892	NS	1	0.0	26.952	9.613	0.0	25.915	9.604	0.0	342.854	4.138	0.0	153.935	3.913	0.0	1.924	0.0	0.0	1.889	0.0	0.0	2.078	0.0	0.0	2.052	0.0
40	3891	3892	SN	1	0.0	39.239	14.887	0.0	27.305	14.929	0.0	169.145	10.544	0.0	58.817	11.015	0.0	1.857	0.0	0.0	1.919	0.0	0.0	2.031	0.0	0.0	2.082	0.0
41	3892	3893	SN	1	0.0	34.281	14.885	0.0	27.305	14.949	0.0	167.788	10.534	0.0	58.564	10.971	0.0	1.857	0.0	0.0	1.934	0.0	0.0	2.029	0.0	0.0	2.082	0.0
42	3892	3893	SN	1	0.0	25.766	8.695	0.0	27.674	8.663	0.0	167.116	2.335	0.0	66.919	2.614	0.0	1.858	0.0	0.0	1.908	0.0	0.0	2.026	0.0	0.0	2.063	0.0
43	3892	3893	NS	1	0.0	25.926	14.119	0.0	34.005	16.066	0.0	349.919	13.103	0.0	82.411	12.98	0.0	1.93	0.0	0.0	1.899	0.0	0.0	2.091	0.0	0.0	2.056	0.0
44	3892	3893	NS	1	0.0	26.877	9.604	0.0	25.909	9.602	0.0	347.227	4.147	0.0	87.837	3.908	0.0	1.932	0.0	0.0	1.888	0.0	0.0	2.08	0.0	0.0	2.055	0.0
45	3893	3894	NS	1	0.0	25.921	14.126	0.0	39.305	16.055	0.0	350.117	13.117	0.0	78.225	13.036	0.0	1.932	0.0	0.0	1.898	0.0	0.0	2.079	0.0	0.0	2.052	0.0
46	3893	3894	NS	1	0.0	26.9	9.58	0.0	25.915	9.6	0.0	346.141	4.146	0.0	87.584	3.909	0.0	1.924	0.0	0.0	1.888	0.0	0.0	2.076	0.0	0.0	2.052	0.0
47	3897	3898	SN	1	0.0	39.272	14.897	0.0	25.694	14.194	0.0	150.802	10.584	0.0	15.243	9.955	0.0	1.86	0.0	0.0	1.925	0.0	0.0	2.031	0.0	0.0	2.084	0.0
48	3897	3898	SN	1	0.0	25.744	8.679	0.0	27.619	8.671	0.0	150.896	2.333	0.0	53.115	2.673	0.0	1.86	0.0	0.0	1.919	0.0	0.0	2.03	0.0	0.0	2.076	0.0
49	3897	3898	SN	1	0.0	31.904	14.878	0.0	27.316	14.952	0.0	150.802	10.525	0.0	59.672	11.067	0.0	1.86	0.0	0.0	1.925	0.0	0.0	2.031	0.0	0.0	2.084	0.0
50	3897	3898	SN	1	0.0	25.744	8.677	0.0	27.619	8.723	0.0	150.835	2.332	0.0	53.137	2.707	0.0	1.86	0.0	0.0	1.919	0.0	0.0	2.03	0.0	0.0	2.076	0.0
51	3897	3898	SN	1	0.0	25.744	8.688	0.0	26.935	8.508	0.0	150.835	2.368	0.0	12.442	2.432	0.0	1.86	0.0	0.0	1.919	0.0	0.0	2.03	0.0	0.0	2.076	0.0
52	3897	3898	SN	1	0.0	39.272	14.896	0.0	27.316	14.926	0.0	150.857	10.525	0.0	59.656	10.967	0.0	1.86	0.0	0.0	1.925	0.0	0.0	2.031	0.0	0.0	2.084	0.0
53	3898	3899	SN	1	0.0	25.761	8.717	0.0	26.946	8.618	0.0	155.964	2.362	0.0	14.256	2.523	0.0	1.858	0.0	0.0	1.92	0.0	0.0	2.025	0.0	0.0	2.076	0.0
54	3898	3899	NS	1	0.0	25.921	14.034	0.0	33.939	16.002	0.0	319.625	13.091	0.0	81.308	12.982	0.0	1.928	0.0	0.0	1.9	0.0	0.0	2.081	0.0	0.0	2.052	0.0
55	3898	3899	NS	1	0.0	25.921	14.034	0.0	33.945	16.002	0.0	319.603	13.098	0.0	81.324	12.975	0.0	1.93	0.0	0.0	1.9	0.0	0.0	2.082	0.0	0.0	2.052	0.0
56	3898	3899	NS	1	0.0	26.974	9.588	0.0	25.932	9.622	0.0	325.702	4.156	0.0	135.255	3.895	0.0	1.931	0.0	0.0	1.891	0.0	0.0	2.076	0.0	0.0	2.052	0.0
57	3898	3899	NS	1	0.0	26.974	9.59	0.0	25.932	9.624	0.0	325.664	4.159	0.0	135.294	3.899	0.0	1.931	0.0	0.0	1.891	0.0	0.0	2.076	0.0	0.0	2.053	0.0
58	3898	3899	SN	1	0.0	39.267	14.853	0.0	27.316	14.71	0.0	148.552	10.585	0.0	18.381	10.651	0.0	1.857	0.0	0.0	1.94	0.0	0.0	2.028	0.0	0.0	2.085	0.0
59	3898	3899	SN	1	0.0	25.766	8.727	0.0	27.641	8.675	0.0	155.992	2.355	0.0	62.954	2.67	0.0	1.858	0.0	0.0	1.92	0.0	0.0	2.026	0.0	0.0	2.076	0.0
60	3898	3899	SN	1	0.0	39.261	14.845	0.0	27.316	14.995	0.0	148.563	10.525	0.0	57.709	11.045	0.0	1.857	0.0	0.0	1.94	0.0	0.0	2.028	0.0	0.0	2.085	0.0
61	3899	3900	NS	1	0.0	26.979	9.592	0.0	25.909	9.556	0.0	336.512	4.124	0.0	131.715	3.894	0.0	1.925	0.0	0.0	1.891	0.0	0.0	2.077	0.0	0.0	2.052	0.0
62	3899	3900	SN	1	0.0	34.254	14.902	0.0	27.316	14.998	0.0	147.741	10.527	0.0	65.066	11.046	0.0	1.858	0.0	0.0	1.928	0.0	0.0	2.03	0.0	0.0	2.061	0.0
63	3899	3900	NS	1	0.0	25.926	14.066	0.0	33.978	15.797	0.0	357.066	13.083	0.0	88.665	12.819	0.0	1.927	0.0	0.0	1.901	0.0	0.0	2.081	0.0	0.0	2.052	0.0
64	3899	3900	SN	1	0.0	25.755	8.74	0.0	27.614	8.699	0.0	147.3	2.389	0.0	72.484	2.701	0.0	1.857	0.0	0.0	1.911	0.0	0.0	2.028	0.0	0.0	2.069	0.0
65	3900	3901	SN	1	0.0	25.772	8.719	0.0	26.935	8.671	0.0	195.556	2.433	0.0	14.72	2.6	0.0	1.859	0.0	0.0	1.913	0.0	0.0	2.029	0.0	0.0	2.073	0.0
66	3900	3901	NS	1	0.0	25.915	14.119	0.0	38.153	15.821	0.0	126.285	13.078	0.0	82.532	12.793	0.0	1.933	0.0	0.0	1.9	0.0	0.0	2.081	0.0	0.0	2.051	0.0
67	3900	3901	SN	1	0.0	25.772	8.715	0.0	27.525	8.778	0.0	195.556	2.428	0.0	81.49	2.773	0.0	1.859	0.0	0.0	1.913	0.0	0.0	2.029	0.0	0.0	2.073	0.0
68	3900	3901	SN	1	0.0	31.116	14.908	0.0	27.272	14.961	0.0	151.001	10.604	0.0	60.615	11.171	0.0	1.858	0.0	0.0	1.917	0.0	0.0	2.032	0.0	0.0	2.073	0.0

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

69	3900	3901	SN	1	0.0	33.912	14.908	0.0	26.72	14.706	0.0	151.001	10.654	0.0	19.484	10.743	0.0	1.858	0.0	0.0	1.917	0.0	0.0	2.032	0.0	0.0	2.073	0.0
70	3900	3901	NS	1	0.0	26.924	9.621	0.0	25.909	9.565	0.0	320.485	4.151	0.0	133.413	3.873	0.0	1.928	0.0	0.0	1.89	0.0	0.0	2.077	0.0	0.0	2.052	0.0
71	3901	3902	SN	1	0.0	25.766	8.73	0.0	27.564	8.775	0.0	175.256	2.43	0.0	84.6	2.774	0.0	1.863	0.0	0.0	1.912	0.0	0.0	2.029	0.0	0.0	2.076	0.0
72	3901	3902	SN	1	0.0	33.779	14.935	0.0	27.294	14.61	0.0	177.324	10.661	0.0	16.242	10.548	0.0	1.858	0.0	0.0	1.924	0.0	0.0	2.031	0.0	0.0	2.073	0.0
73	3901	3902	NS	1	0.0	25.926	14.148	0.0	37.723	15.848	0.0	342.859	13.076	0.0	83.238	12.729	0.0	1.93	0.0	0.0	1.9	0.0	0.0	2.081	0.0	0.0	2.051	0.0
74	3901	3902	NS	1	0.0	26.919	9.621	0.0	25.904	9.549	0.0	345.518	4.127	0.0	135.652	3.863	0.0	1.923	0.0	0.0	1.89	0.0	0.0	2.077	0.0	0.0	2.052	0.0
75	3901	3902	SN	1	0.0	31.077	14.928	0.0	27.294	15.001	0.0	177.324	10.62	0.0	60.935	11.192	0.0	1.858	0.0	0.0	1.924	0.0	0.0	2.031	0.0	0.0	2.073	0.0
76	3901	3902	SN	1	0.0	25.766	8.726	0.0	26.924	8.654	0.0	175.256	2.438	0.0	12.337	2.56	0.0	1.863	0.0	0.0	1.912	0.0	0.0	2.029	0.0	0.0	2.076	0.0
77	3902	3903	NS	1	0.0	25.921	14.169	0.0	37.772	15.841	0.0	348.159	13.039	0.0	80.298	12.75	0.0	1.926	0.0	0.0	1.9	0.0	0.0	2.08	0.0	0.0	2.052	0.0
78	3902	3903	NS	1	0.0	26.908	9.636	0.0	25.909	9.552	0.0	346.08	4.147	0.0	140.649	3.848	0.0	1.93	0.0	0.0	1.891	0.0	0.0	2.077	0.0	0.0	2.052	0.0
79	3902	3903	SN	1	0.0	33.746	14.906	0.0	25.849	14.488	0.0	171.566	10.646	0.0	15.585	10.413	0.0	1.859	0.0	0.0	1.941	0.0	0.0	2.031	0.0	0.0	2.071	0.0
80	3902	3903	SN	1	0.0	25.766	8.717	0.0	26.941	8.622	0.0	167.717	2.455	0.0	12.409	2.538	0.0	1.86	0.0	0.0	1.918	0.0	0.0	2.028	0.0	0.0	2.076	0.0

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