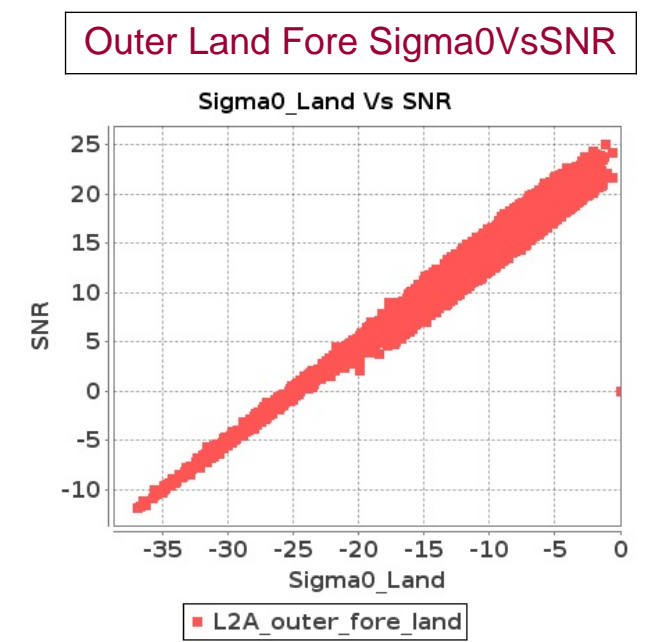
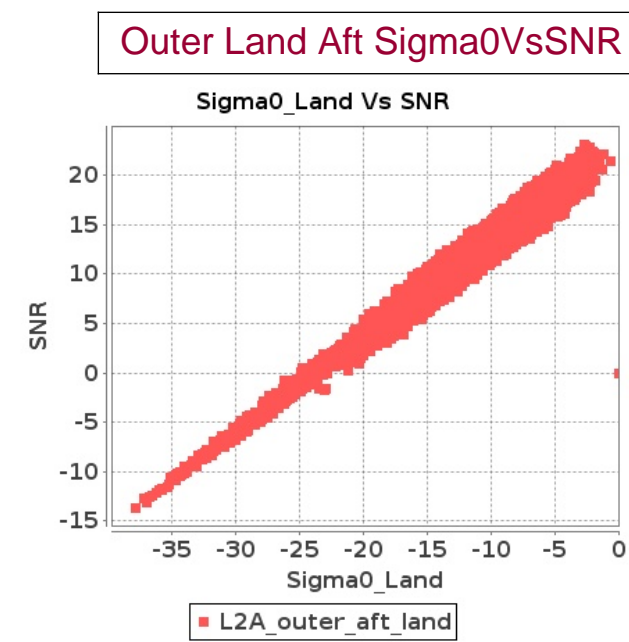
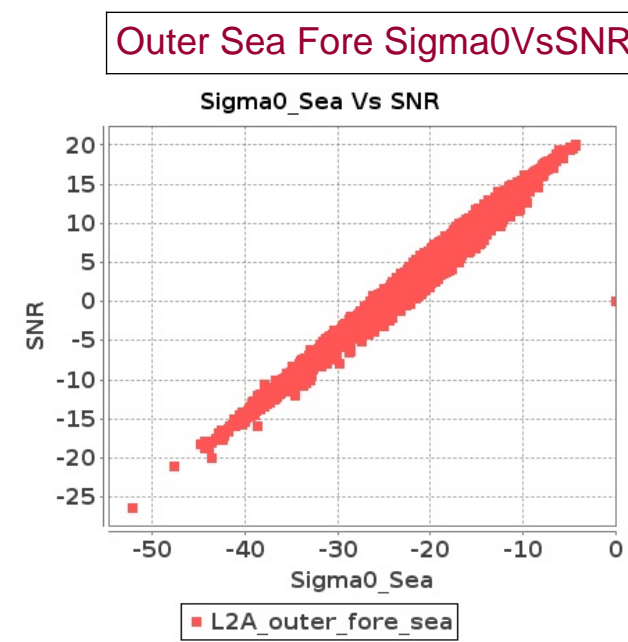
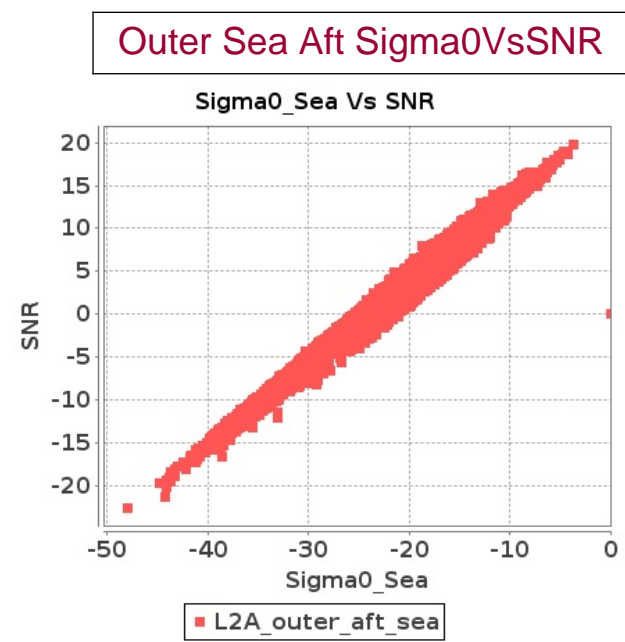
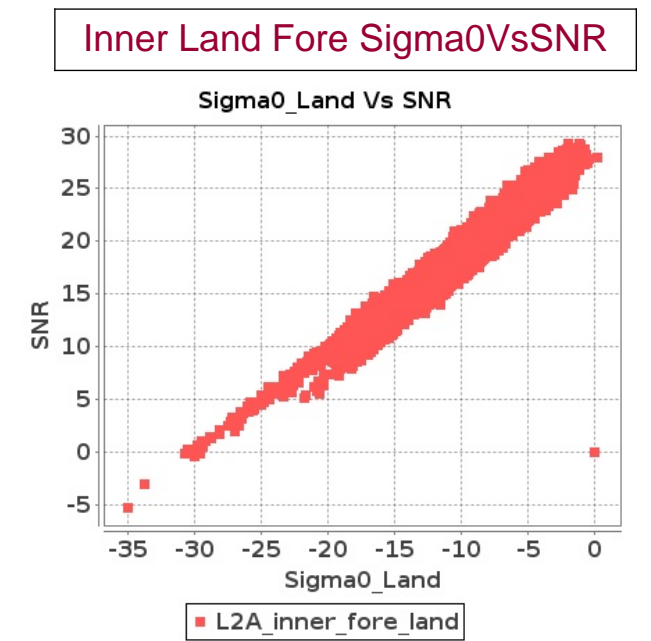
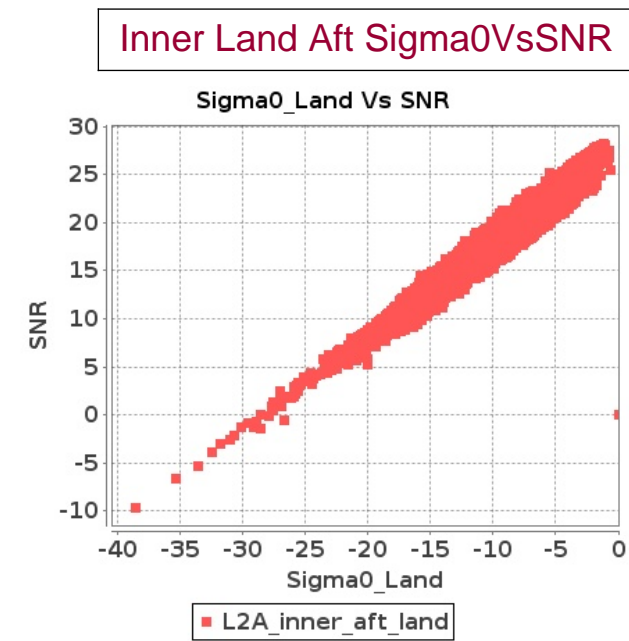
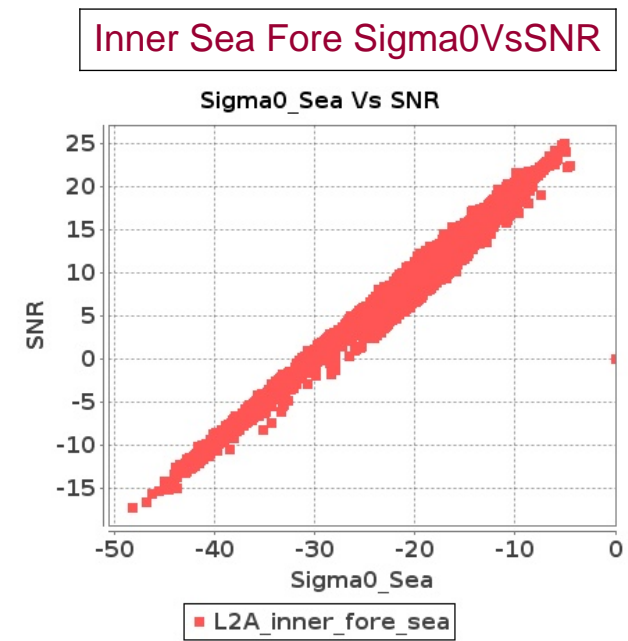
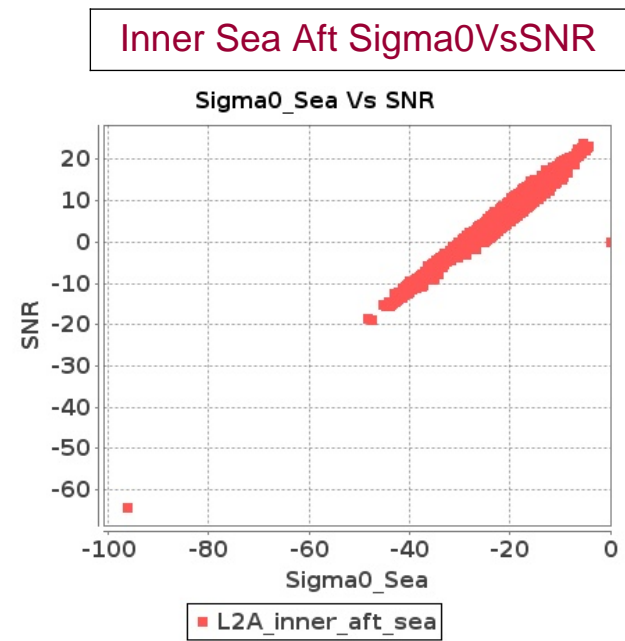


SCATSAT-1 Scatterometer Level-2A Data Quality Cycle wise Report

Report between 26-JUN-2017 To 27-JUN-2017



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

Report between 26-JUN-2017 To 27-JUN-2017

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	3955	3956	SN	1	0.0	52.85	6.581	0.0	46.531	6.099	0.0	47.058	5.284	0.0	41.887	4.864	0.0	49.184	6.049	0.0	46.81	5.617	0.0	48.279	5.11	0.0	43.722	4.226
2	3955	3956	SN	1	0.0	52.85	6.319	0.0	46.531	5.814	0.0	47.058	5.163	0.0	41.887	4.669	0.0	49.184	5.799	0.0	46.81	5.345	0.0	48.279	5.021	0.0	43.722	4.055
3	3955	3956	SN	1	0.0	50.305	2.25	0.0	46.223	2.037	0.0	46.812	1.574	0.0	44.142	1.375	0.0	46.357	2.056	0.0	45.319	1.965	0.0	49.864	1.427	0.0	41.66	1.315
4	3955	3956	SN	1	0.0	50.305	2.152	0.0	46.223	1.938	0.0	46.812	1.541	0.0	44.142	1.312	0.0	46.357	1.958	0.0	45.319	1.871	0.0	49.864	1.403	0.0	41.66	1.249
5	3956	3957	SN	1	0.0	51.704	6.798	0.0	53.763	6.136	0.0	47.813	4.816	0.0	51.439	4.913	0.0	50.912	6.126	0.0	52.941	5.696	0.0	48.991	4.527	0.0	51.823	4.5
6	3956	3957	SN	1	0.0	49.134	2.267	0.0	50.998	1.901	0.0	45.91	1.384	0.0	44.399	1.464	0.0	49.365	2.03	0.0	51.064	1.733	0.0	46.689	1.286	0.0	41.311	1.311
7	3956	3957	NS	1	0.0	44.702	2.964	0.0	47.352	2.547	0.0	49.736	1.932	0.0	44.469	1.94	0.0	45.013	2.698	0.0	47.763	2.315	0.0	46.799	1.808	0.0	43.552	1.873
8	3956	3957	NS	1	0.0	50.096	8.8	0.0	53.805	7.984	0.0	48.992	6.643	0.0	50.367	6.163	0.0	50.208	8.498	0.0	55.3	7.582	0.0	45.815	6.309	0.0	49.624	5.993
9	3956	3957	SN	1	0.0	49.134	2.221	0.0	50.998	1.888	0.0	45.91	1.356	0.0	44.399	1.459	0.0	49.365	1.993	0.0	51.064	1.721	0.0	46.689	1.261	0.0	41.311	1.304
10	3956	3957	SN	1	0.0	51.704	6.678	0.0	53.763	6.113	0.0	47.813	4.721	0.0	51.439	4.898	0.0	50.912	6.017	0.0	52.941	5.675	0.0	48.991	4.437	0.0	51.823	4.486
11	3957	3958	SN	1	0.0	48.785	2.119	0.0	43.663	2.042	0.0	39.616	1.58	0.0	40.111	1.439	0.0	53.341	1.964	0.0	41.539	1.886	0.0	37.471	1.528	0.0	38.638	1.43
12	3957	3958	SN	1	0.0	49.609	7.038	0.0	50.329	5.879	0.0	40.615	4.53	0.0	39.738	4.797	0.0	48.742	6.998	0.0	54.098	5.797	0.0	40.952	4.821	0.0	40.152	4.883
13	3957	3958	NS	1	0.0	50.438	1.689	0.0	40.289	1.501	0.0	38.401	1.283	0.0	41.235	1.209	0.0	49.286	1.486	0.0	38.458	1.296	0.0	37.413	1.206	0.0	42.159	1.089
14	3957	3958	NS	1	0.0	51.772	5.23	0.0	49.097	4.378	0.0	40.533	3.826	0.0	43.359	3.707	0.0	48.681	4.888	0.0	48.409	3.865	0.0	38.819	3.663	0.0	41.927	3.38
15	3957	3958	SN	1	0.0	49.609	7.135	0.0	50.329	5.87	0.0	40.615	4.578	0.0	39.738	4.779	0.0	48.742	7.084	0.0	54.098	5.789	0.0	40.952	4.88	0.0	40.152	4.887
16	3957	3958	SN	1	0.0	48.785	2.145	0.0	43.663	2.042	0.0	39.616	1.601	0.0	40.111	1.438	0.0	53.341	1.988	0.0	41.539	1.887	0.0	37.471	1.549	0.0	38.638	1.429
17	3958	3959	SN	1	0.0	45.23	6.703	0.0	48.426	5.604	0.0	41.039	4.645	0.0	45.921	5.0	0.0	46.425	5.949	0.0	46.773	5.298	0.0	43.626	4.645	0.0	46.137	4.717
18	3958	3959	NS	1	0.0	43.475	5.24	0.0	41.054	4.006	0.0	41.625	3.649	0.0	42.553	3.544	0.0	42.73	4.737	0.0	42.612	3.584	0.0	41.32	3.393	0.0	40.655	2.961
19	3958	3959	SN	1	0.0	45.848	2.271	0.0	41.803	2.018	0.0	42.929	1.678	0.0	40.773	1.778	0.0	46.254	2.023	0.0	41.196	1.811	0.0	38.563	1.652	0.0	38.455	1.565
20	3958	3959	NS	1	0.0	45.748	1.63	0.0	46.334	1.319	0.0	44.368	1.169	0.0	39.835	1.108	0.0	43.181	1.445	0.0	44.055	1.129	0.0	43.633	1.038	0.0	37.902	0.94
21	3961	3962	SN	1	0.0	47.007	3.258	0.0	42.906	3.214	0.0	41.082	2.325	0.0	49.959	2.469	0.0	44.176	2.992	0.0	46.27	2.999	0.0	37.683	2.214	0.0	50.035	2.312
22	3961	3962	NS	1	0.0	53.514	6.84	0.0	54.321	6.086	0.0	46.162	6.244	0.0	47.793	5.384	0.0	53.472	6.025	0.0	56.581	5.453	0.0	47.441	5.704	0.0	45.289	4.723
23	3961	3962	NS	1	0.0	49.215	2.612	0.0	43.112	2.034	0.0	38.711	1.897	0.0	39.172	1.785	0.0	47.437	2.267	0.0	42.822	1.871	0.0	41.147	1.726	0.0	39.029	1.526
24	3961	3962	SN	1	0.0	50.491	9.827	0.0	58.456	9.479	0.0	49.629	7.855	0.0	47.827	7.793	0.0	54.595	9.018	0.0	55.277	8.965	0.0	48.351	7.492	0.0	47.668	7.363
25	3961	3962	SN	1	0.0	50.491	9.684	0.0	58.456	9.612	0.0	49.629	7.744	0.0	47.827	7.912	0.0	54.595	8.872	0.0	55.277	9.051	0.0	48.351	7.382	0.0	47.668	7.449
26	3961	3962	SN	1	0.0	47.007	3.322	0.0	42.906	3.198	0.0	41.082	2.358	0.0	49.959	2.454	0.0	44.176	3.052	0.0	46.27	2.992	0.0	37.683	2.246	0.0	50.035	2.306
27	3962	3963	SN	1	0.0	49.075	4.259	0.0	50.46	4.448	0.0	44.23	2.846	0.0	41.611	2.863	0.0	50.308	4.225	0.0	48.459	4.235	0.0	44.322	2.9	0.0	41.322	2.839
28	3962	3963	NS	1	0.0	44.137	8.645	0.0	48.83	7.416	0.0	46.5	6.418	0.0	48.664	5.641	0.0	46.721	8.374	0.0	48.292	6.823	0.0	46.961	6.382	0.0	47.697	5.428
29	3962	3963	NS	1	0.0	51.662	2.83	0.0	47.058	2.37	0.0	38.528	2.171	0.0	38.4	1.933	0.0	49.038	2.534	0.0	45.969	2.188	0.0	35.978	2.098	0.0	38.319	1.798
30	3962	3963	SN	1	0.0	49.075	4.19	0.0	50.46	4.468	0.0	44.23	2.768	0.0	41.611	2.887	0.0	50.308	4.183	0.0	48.459	4.271	0.0	44.322	2.825	0.0	41.322	2.905
31	3962	3963	SN	1	0.0	52.4	14.088	0.0	54.515	13.838	0.0	45.358	9.62	0.0	51.823	10.335	0.0	54.892	14.028	0.0	56.358	13.655	0.0	47.951	9.797	0.0	52.642	10.249

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

32	3962	3963	SN	1	0.0	52.4	13.927	0.0	54.515	13.483	0.0	45.358	9.935	0.0	51.823	10.112	0.0	54.892	13.874	0.0	56.358	13.27	0.0	47.951	10.115	0.0	52.642	9.991
33	3963	3964	NS	1	0.0	50.172	6.543	0.0	43.341	5.807	0.0	44.648	5.486	0.0	45.632	5.073	0.0	49.419	6.09	0.0	43.781	4.651	0.0	41.299	5.372	0.0	45.605	4.675
34	3963	3964	NS	1	0.0	50.172	6.543	0.0	43.341	5.807	0.0	44.648	5.486	0.0	45.632	5.073	0.0	49.419	6.09	0.0	43.781	4.651	0.0	41.299	5.372	0.0	45.605	4.675
35	3963	3964	NS	1	0.0	51.772	2.367	0.0	41.272	1.883	0.0	40.151	1.865	0.0	38.014	1.647	0.0	48.364	2.186	0.0	41.27	1.698	0.0	40.67	1.736	0.0	37.578	1.513
36	3963	3964	NS	1	0.0	51.772	2.367	0.0	41.272	1.883	0.0	40.151	1.865	0.0	38.014	1.647	0.0	48.364	2.186	0.0	41.27	1.698	0.0	40.67	1.736	0.0	37.578	1.513
37	3970	3971	NS	1	0.0	54.447	15.034	0.0	54.444	14.108	0.0	51.891	10.22	0.0	50.674	10.601	0.0	54.514	14.32	0.0	56.544	13.646	0.0	50.715	10.249	0.0	54.761	10.495
38	3970	3971	SN	1	0.0	50.703	6.983	0.0	54.481	6.683	0.0	46.9	4.755	0.0	43.26	5.06	0.0	51.669	6.364	0.0	51.957	6.113	0.0	43.165	4.659	0.0	45.103	4.729
39	3970	3971	SN	1	0.0	50.703	6.809	0.0	54.481	6.593	0.0	46.9	4.643	0.0	43.26	4.986	0.0	51.669	6.178	0.0	51.957	6.022	0.0	43.165	4.529	0.0	45.103	4.668
40	3970	3971	SN	1	0.0	44.991	2.046	0.0	46.142	1.942	0.0	46.057	1.454	0.0	40.052	1.377	0.0	44.068	1.865	0.0	49.826	1.802	0.0	43.282	1.377	0.0	40.296	1.329
41	3970	3971	SN	1	0.0	44.991	1.988	0.0	46.142	1.907	0.0	46.057	1.418	0.0	40.052	1.355	0.0	44.068	1.81	0.0	49.826	1.769	0.0	43.282	1.339	0.0	40.296	1.308
42	3970	3971	NS	1	0.0	54.298	5.108	0.0	49.58	4.675	0.0	49.759	3.085	0.0	43.013	3.109	0.0	51.841	4.892	0.0	52.159	4.491	0.0	46.869	3.008	0.0	44.93	2.9
43	3971	3972	NS	1	0.0	50.502	1.861	0.0	54.023	1.448	0.0	43.683	1.164	0.0	47.361	1.103	0.0	52.952	1.694	0.0	52.077	1.33	0.0	40.693	1.028	0.0	49.572	0.935
44	3971	3972	SN	1	0.0	46.206	1.505	0.0	39.237	1.452	0.0	41.441	1.173	0.0	45.414	1.11	0.0	48.001	1.379	0.0	37.924	1.365	0.0	36.869	1.074	0.0	43.327	1.017
45	3971	3972	NS	1	0.0	55.424	5.032	0.0	53.534	4.52	0.0	50.182	4.098	0.0	50.841	3.722	0.0	59.808	4.73	0.0	52.528	4.158	0.0	45.162	3.842	0.0	50.367	3.325
46	3971	3972	SN	1	0.0	49.335	4.846	0.0	44.298	4.745	0.0	42.966	3.833	0.0	49.518	3.91	0.0	49.281	4.704	0.0	44.539	4.5	0.0	42.604	3.603	0.0	45.878	3.751
47	3974	3975	SN	1	0.0	45.887	7.764	0.0	45.004	6.945	0.0	36.867	6.599	0.0	41.846	6.374	0.0	47.176	7.505	0.0	49.177	6.757	0.0	36.026	6.614	0.0	42.011	6.086
48	3974	3975	NS	1	0.0	48.469	1.701	0.0	47.745	1.802	0.0	39.982	1.28	0.0	45.626	1.237	0.0	46.76	1.581	0.0	46.548	1.613	0.0	39.502	1.116	0.0	40.675	1.121
49	3974	3975	NS	1	0.0	51.3	5.273	0.0	47.736	5.386	0.0	46.28	4.497	0.0	45.879	4.548	0.0	54.323	5.012	0.0	48.234	5.074	0.0	47.472	4.241	0.0	43.498	4.292
50	3974	3975	SN	1	0.0	45.604	2.709	0.0	45.42	2.267	0.0	39.317	2.253	0.0	45.171	2.144	0.0	43.299	2.459	0.0	47.849	2.109	0.0	39.728	2.106	0.0	45.126	1.984
51	3974	3975	SN	1	0.0	45.604	2.794	0.0	45.42	2.313	0.0	39.317	2.324	0.0	45.171	2.181	0.0	43.299	2.538	0.0	47.849	2.152	0.0	39.728	2.174	0.0	45.126	2.025
52	3974	3975	SN	1	0.0	45.887	7.541	0.0	45.004	6.815	0.0	36.867	6.385	0.0	41.846	6.274	0.0	47.176	7.28	0.0	49.177	6.631	0.0	36.026	6.399	0.0	42.011	5.978
53	3975	3976	SN	1	0.0	49.728	10.681	0.0	46.214	10.109	0.0	48.658	7.891	0.0	48.054	7.702	0.0	49.242	10.236	0.0	47.532	9.997	0.0	45.437	7.92	0.0	47.904	7.666
54	3975	3976	SN	1	0.0	49.728	10.705	0.0	46.214	10.191	0.0	48.658	7.811	0.0	48.054	7.792	0.0	49.242	10.254	0.0	47.532	10.089	0.0	45.437	7.84	0.0	47.904	7.77
55	3975	3976	NS	1	0.0	55.803	8.002	0.0	54.408	6.561	0.0	46.735	5.806	0.0	45.706	5.315	0.0	57.395	7.338	0.0	53.818	5.979	0.0	45.173	5.478	0.0	44.461	4.804
56	3975	3976	SN	1	0.0	43.463	3.386	0.0	41.237	3.172	0.0	48.333	2.502	0.0	43.805	2.633	0.0	43.327	3.094	0.0	41.225	2.934	0.0	47.021	2.443	0.0	41.825	2.455
57	3975	3976	SN	1	0.0	43.463	3.367	0.0	41.237	3.192	0.0	48.333	2.474	0.0	43.805	2.66	0.0	43.807	3.081	0.0	41.225	2.952	0.0	47.021	2.416	0.0	41.825	2.495
58	3975	3976	NS	1	0.0	49.875	2.579	0.0	50.373	2.192	0.0	43.884	1.961	0.0	44.196	1.832	0.0	50.975	2.24	0.0	46.456	1.906	0.0	39.982	1.762	0.0	46.587	1.495
59	3976	3977	SN	1	0.0	47.29	3.719	0.0	46.265	3.705	0.0	46.088	2.609	0.0	46.371	2.678	0.0	47.982	3.606	0.0	42.856	3.513	0.0	46.446	2.538	0.0	45.548	2.525
60	3976	3977	NS	1	0.0	52.188	9.542	0.0	48.882	7.667	0.0	43.814	6.282	0.0	41.351	6.004	0.0	55.056	8.878	0.0	49.482	7.225	0.0	41.94	6.012	0.0	42.545	5.521
61	3976	3977	SN	1	0.0	52.63	11.639	0.0	55.008	10.895	0.0	46.919	8.486	0.0	49.906	8.528	0.0	52.528	10.968	0.0	55.81	10.334	0.0	48.092	8.557	0.0	46.933	8.225
62	3976	3977	SN	1	0.0	52.63	11.775	0.0	55.008	10.666	0.0	46.919	8.851	0.0	49.906	8.444	0.0	52.528	11.109	0.0	55.81	10.125	0.0	48.092	8.942	0.0	46.933	8.198
63	3976	3977	NS	1	0.0	51.786	3.132	0.0	52.954	2.535	0.0	41.639	2.101	0.0	38.921	1.913	0.0	52.986	2.803	0.0	53.371	2.289	0.0	40.262	1.871	0.0	41.806	1.713
64	3976	3977	SN	1	0.0	47.29	3.819	0.0	46.265	3.715	0.0	46.088	2.729	0.0	46.371	2.683	0.0	47.982	3.707	0.0	42.856	3.487	0.0	46.446	2.653	0.0	45.548	2.534
65	3977	3978	NS	1	0.0	46.07	2.721	0.0	49.413	2.378	0.0	40.808	2.041	0.0	36.344	1.9	0.0	43.581	2.633	0.0	47.831	2.243	0.0	37.434	2.023	0.0	38.199	1.79
66	3977	3978	SN	1	0.0	57.449	2.8	0.0	51.753	2.941	0.0	41.953	1.677	0.0	44.318	1.939	0.0	54.088	2.661	0.0	53.742	2.799	0.0	40.759	1.711	0.0	42.206	1.848
67	3977	3978	SN	1	0.0	54.711	7.74	0.0	51.255	8.192	0.0	47.12	6.282	0.0	46.274	6.473	0.0	54.311	7.45	0.0	52.536	7.805	0.0	46.163	6.247	0.0	48.537	6.328

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

68	3977	3978	NS	1	0.0	43.76	8.58	0.0	45.805	7.792	0.0	39.006	5.876	0.0	43.734	5.781	0.0	44.786	8.268	0.0	46.686	7.481	0.0	38.491	5.819	0.0	45.113	5.384
69	3977	3978	SN	1	0.0	57.449	2.814	0.0	51.753	2.863	0.0	41.953	1.725	0.0	44.318	1.902	0.0	54.088	2.707	0.0	53.742	2.735	0.0	40.759	1.797	0.0	42.206	1.798
70	3977	3978	SN	1	0.0	54.711	7.361	0.0	51.255	7.342	0.0	47.12	6.289	0.0	46.274	6.167	0.0	54.311	7.107	0.0	52.536	7.02	0.0	46.163	6.305	0.0	48.537	5.993
71	3978	3979	NS	1	0.0	44.23	2.908	0.0	53.899	2.318	0.0	42.095	1.963	0.0	43.465	2.047	0.0	45.993	2.66	0.0	51.074	2.065	0.0	41.976	1.822	0.0	43.71	1.822
72	3978	3979	NS	1	0.0	49.988	9.385	0.0	55.963	7.652	0.0	46.641	6.915	0.0	49.597	6.946	0.0	50.237	8.762	0.0	56.622	7.26	0.0	44.346	6.36	0.0	47.86	6.2

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	3955	3956	SN	1	0.0	33.939	14.937	0.0	25.794	14.263	0.0	165.152	10.93	0.0	15.106	10.23	0.0	1.862	0.0	0.0	1.945	0.0	0.0	2.033	0.0	0.0	2.067	0.0
2	3955	3956	SN	1	0.0	31.11	14.922	0.0	27.327	15.035	0.0	165.152	10.851	0.0	66.825	11.362	0.0	1.862	0.0	0.0	1.945	0.0	0.0	2.033	0.0	0.0	2.067	0.0
3	3955	3956	SN	1	0.0	25.783	8.85	0.0	26.902	8.613	0.0	160.183	2.662	0.0	12.922	2.679	0.0	1.861	0.0	0.0	1.917	0.0	0.0	2.031	0.0	0.0	2.072	0.0
4	3955	3956	SN	1	0.0	25.783	8.835	0.0	26.902	8.836	0.0	160.183	2.593	0.0	90.625	2.97	0.0	1.861	0.0	0.0	1.917	0.0	0.0	2.031	0.0	0.0	2.072	0.0
5	3956	3957	SN	1	0.0	34.314	15.004	0.0	27.354	14.817	0.0	162.422	10.977	0.0	18.988	10.988	0.0	1.862	0.0	0.0	1.929	0.0	0.0	2.032	0.0	0.0	2.089	0.0
6	3956	3957	SN	1	0.0	25.777	8.837	0.0	26.902	8.714	0.0	157.878	2.648	0.0	15.039	2.791	0.0	1.861	0.0	0.0	1.92	0.0	0.0	2.031	0.0	0.0	2.079	0.0
7	3956	3957	NS	1	0.0	26.784	9.425	0.0	25.882	9.495	0.0	331.123	3.936	0.0	131.571	3.672	0.0	1.927	0.0	0.0	1.887	0.0	0.0	2.075	0.0	0.0	2.05	0.0
8	3956	3957	NS	1	0.0	25.932	14.131	0.0	34.182	15.475	0.0	319.685	12.945	0.0	77.21	12.59	0.0	1.927	0.0	0.0	1.896	0.0	0.0	2.081	0.0	0.0	2.051	0.0
9	3956	3957	SN	1	0.0	25.777	8.829	0.0	26.902	8.856	0.0	157.878	2.626	0.0	83.558	2.974	0.0	1.861	0.0	0.0	1.92	0.0	0.0	2.031	0.0	0.0	2.079	0.0
10	3956	3957	SN	1	0.0	31.695	14.998	0.0	27.354	15.089	0.0	162.422	10.912	0.0	56.314	11.414	0.0	1.862	0.0	0.0	1.929	0.0	0.0	2.032	0.0	0.0	2.089	0.0
11	3957	3958	SN	1	0.0	25.777	8.859	0.0	26.891	8.874	0.0	156.003	2.646	0.0	74.066	3.001	0.0	1.861	0.0	0.0	1.922	0.0	0.0	2.032	0.0	0.0	2.078	0.0
12	3957	3958	SN	1	0.0	31.27	14.988	0.0	27.349	15.089	0.0	159.168	10.99	0.0	57.025	11.414	0.0	1.863	0.0	0.0	1.947	0.0	0.0	2.035	0.0	0.0	2.086	0.0
13	3957	3958	NS	1	0.0	26.847	9.396	0.0	25.887	9.484	0.0	334.444	3.932	0.0	133.446	3.612	0.0	1.925	0.0	0.0	1.887	0.0	0.0	2.075	0.0	0.0	2.05	0.0
14	3957	3958	NS	1	0.0	25.937	14.102	0.0	38.401	15.442	0.0	359.129	12.831	0.0	78.506	12.591	0.0	1.927	0.0	0.0	1.896	0.0	0.0	2.08	0.0	0.0	2.051	0.0
15	3957	3958	SN	1	0.0	34.474	15.02	0.0	27.349	14.915	0.0	159.168	11.054	0.0	21.768	11.096	0.0	1.863	0.0	0.0	1.947	0.0	0.0	2.035	0.0	0.0	2.086	0.0
16	3957	3958	SN	1	0.0	25.777	8.855	0.0	26.891	8.754	0.0	156.003	2.659	0.0	16.346	2.856	0.0	1.861	0.0	0.0	1.922	0.0	0.0	2.032	0.0	0.0	2.078	0.0
17	3958	3959	SN	1	0.0	34.463	14.954	0.0	27.354	14.839	0.0	153.659	11.125	0.0	19.076	11.081	0.0	1.864	0.0	0.0	1.951	0.0	0.0	2.035	0.0	0.0	2.084	0.0
18	3958	3959	NS	1	0.0	25.932	14.122	0.0	34.811	15.402	0.0	357.844	12.774	0.0	79.934	12.599	0.0	1.933	0.0	0.0	1.896	0.0	0.0	2.08	0.0	0.0	2.05	0.0
19	3958	3959	SN	1	0.0	25.794	8.882	0.0	26.902	8.757	0.0	153.995	2.652	0.0	15.084	2.842	0.0	1.863	0.0	0.0	1.92	0.0	0.0	2.032	0.0	0.0	2.072	0.0
20	3958	3959	NS	1	0.0	26.8	9.377	0.0	25.882	9.466	0.0	343.069	3.925	0.0	134.836	3.576	0.0	1.925	0.0	0.0	1.887	0.0	0.0	2.077	0.0	0.0	2.052	0.0
21	3961	3962	SN	1	0.0	25.788	8.859	0.0	26.913	8.901	0.0	160.007	2.649	0.0	80.014	3.03	0.0	1.862	0.0	0.0	1.921	0.0	0.0	2.033	0.0	0.0	2.078	0.0
22	3961	3962	NS	1	0.0	25.932	14.112	0.0	34.105	15.477	0.0	350.834	12.844	0.0	78.589	12.571	0.0	1.931	0.0	0.0	1.895	0.0	0.0	2.08	0.0	0.0	2.05	0.0
23	3961	3962	NS	1	0.0	26.819	9.351	0.0	25.887	9.483	0.0	350.272	3.923	0.0	138.46	3.545	0.0	1.922	0.0	0.0	1.886	0.0	0.0	2.075	0.0	0.0	2.05	0.0
24	3961	3962	SN	1	0.0	34.0	15.007	0.0	25.932	14.722	0.0	147.846	11.093	0.0	18.188	10.989	0.0	1.864	0.0	0.0	1.944	0.0	0.0	2.034	0.0	0.0	2.074	0.0
25	3961	3962	SN	1	0.0	31.193	14.991	0.0	27.266	15.055	0.0	147.846	11.009	0.0	42.603	11.539	0.0	1.864	0.0	0.0	1.944	0.0	0.0	2.034	0.0	0.0	2.074	0.0
26	3961	3962	SN	1	0.0	25.788	8.871	0.0	26.913	8.753	0.0	160.007	2.68	0.0	14.063	2.826	0.0	1.862	0.0	0.0	1.921	0.0	0.0	2.033	0.0	0.0	2.078	0.0
27	3962	3963	SN	1	0.0	25.788	8.837	0.0	26.897	8.643	0.0	144.625	2.699	0.0	12.933	2.729	0.0	1.862	0.0	0.0	1.918	0.0	0.0	2.032	0.0	0.0	2.081	0.0
28	3962	3963	NS	1	0.0	25.932	14.151	0.0	33.796	15.484	0.0	356.481	12.914	0.0	75.407	12.583	0.0	1.931	0.0	0.0	1.894	0.0	0.0	2.08	0.0	0.0	2.05	0.0
29	3962	3963	NS	1	0.0	26.742	9.401	0.0	25.887	9.489	0.0	356.57	3.919	0.0	88.896	3.56	0.0	1.923	0.0	0.0	1.887	0.0	0.0	2.081	0.0	0.0	2.05	0.0
30	3962	3963	SN	1	0.0	25.788	8.823	0.0	26.897	8.863	0.0	144.625	2.634	0.0	74.844	3.018	0.0	1.862	0.0	0.0	1.918	0.0	0.0	2.032	0.0	0.0	2.081	0.0
31	3962	3963	SN	1	0.0	33.812	14.929	0.0	27.338	15.062	0.0	155.027	10.953	0.0	63.075	11.492	0.0	1.863	0.0	0.0	1.926	0.0	0.0	2.035	0.0	0.0	2.084	0.0

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

32	3962	3963	SN	1	0.0	38.93	14.944	0.0	25.821	14.334	0.0	155.027	11.069	0.0	15.061	10.361	0.0	1.863	0.0	0.0	1.926	0.0	0.0	2.035	0.0	0.0	2.084	0.0
33	3963	3964	NS	1	0.0	25.932	14.172	0.0	33.851	15.461	0.0	356.608	12.878	0.0	94.808	12.547	0.0	1.928	0.0	0.0	1.893	0.0	0.0	2.08	0.0	0.0	2.051	0.0
34	3963	3964	NS	1	0.0	25.932	14.172	0.0	33.851	15.461	0.0	356.608	12.878	0.0	94.808	12.547	0.0	1.928	0.0	0.0	1.893	0.0	0.0	2.08	0.0	0.0	2.051	0.0
35	3963	3964	NS	1	0.0	26.764	9.376	0.0	25.882	9.47	0.0	356.608	3.915	0.0	92.817	3.596	0.0	1.926	0.0	0.0	1.885	0.0	0.0	2.073	0.0	0.0	2.05	0.0
36	3963	3964	NS	1	0.0	26.764	9.376	0.0	25.882	9.47	0.0	356.608	3.915	0.0	92.817	3.596	0.0	1.926	0.0	0.0	1.885	0.0	0.0	2.073	0.0	0.0	2.05	0.0
37	3970	3971	NS	1	0.0	25.932	14.169	0.0	34.199	15.463	0.0	358.693	12.888	0.0	81.468	12.654	0.0	1.936	0.0	0.0	1.892	0.0	0.0	2.079	0.0	0.0	2.051	0.0
38	3970	3971	SN	1	0.0	39.074	14.997	0.0	25.926	14.598	0.0	155.418	11.111	0.0	16.159	10.767	0.0	1.863	0.0	0.0	1.93	0.0	0.0	2.038	0.0	0.0	2.073	0.0
39	3970	3971	SN	1	0.0	31.965	14.979	0.0	27.354	15.05	0.0	155.418	11.039	0.0	62.794	11.496	0.0	1.863	0.0	0.0	1.93	0.0	0.0	2.038	0.0	0.0	2.073	0.0
40	3970	3971	SN	1	0.0	25.788	8.843	0.0	26.886	8.713	0.0	151.045	2.682	0.0	13.401	2.782	0.0	1.862	0.0	0.0	1.921	0.0	0.0	2.033	0.0	0.0	2.082	0.0
41	3970	3971	SN	1	0.0	25.788	8.841	0.0	26.886	8.886	0.0	151.045	2.649	0.0	74.155	3.006	0.0	1.862	0.0	0.0	1.921	0.0	0.0	2.033	0.0	0.0	2.082	0.0
42	3970	3971	NS	1	0.0	26.737	9.359	0.0	25.882	9.459	0.0	350.564	3.915	0.0	132.459	3.569	0.0	1.922	0.0	0.0	1.888	0.0	0.0	2.074	0.0	0.0	2.051	0.0
43	3971	3972	NS	1	0.0	26.797	9.329	0.0	25.882	9.46	0.0	356.481	3.903	0.0	135.112	3.512	0.0	1.921	0.0	0.0	1.887	0.0	0.0	2.075	0.0	0.0	2.051	0.0
44	3971	3972	SN	1	0.0	25.777	8.855	0.0	26.886	8.793	0.0	175.735	2.658	0.0	15.773	2.897	0.0	1.862	0.0	0.0	1.93	0.0	0.0	2.033	0.0	0.0	2.069	0.0
45	3971	3972	NS	1	0.0	25.932	14.161	0.0	33.796	15.368	0.0	135.358	12.827	0.0	77.094	12.545	0.0	1.933	0.0	0.0	1.896	0.0	0.0	2.078	0.0	0.0	2.051	0.0
46	3971	3972	SN	1	0.0	33.983	15.107	0.0	26.665	14.869	0.0	165.781	11.19	0.0	20.03	11.173	0.0	1.864	0.0	0.0	1.931	0.0	0.0	2.035	0.0	0.0	2.07	0.0
47	3974	3975	SN	1	0.0	33.928	15.011	0.0	25.937	14.607	0.0	166.867	11.197	0.0	15.751	10.852	0.0	1.864	0.0	0.0	1.944	0.0	0.0	2.035	0.0	0.0	2.082	0.0
48	3974	3975	NS	1	0.0	26.731	9.296	0.0	25.876	9.447	0.0	356.454	3.894	0.0	143.136	3.446	0.0	1.92	0.0	0.0	1.886	0.0	0.0	2.074	0.0	0.0	2.05	0.0
49	3974	3975	NS	1	0.0	25.926	14.24	0.0	33.801	15.434	0.0	356.454	12.701	0.0	74.767	12.556	0.0	1.925	0.0	0.0	1.892	0.0	0.0	2.079	0.0	0.0	2.05	0.0
50	3974	3975	SN	1	0.0	25.794	8.865	0.0	26.891	8.925	0.0	172.757	2.645	0.0	78.131	3.092	0.0	1.862	0.0	0.0	1.921	0.0	0.0	2.033	0.0	0.0	2.067	0.0
51	3974	3975	SN	1	0.0	25.794	8.875	0.0	26.891	8.75	0.0	172.757	2.685	0.0	13.258	2.863	0.0	1.862	0.0	0.0	1.921	0.0	0.0	2.033	0.0	0.0	2.067	0.0
52	3974	3975	SN	1	0.0	31.314	15.001	0.0	26.626	15.15	0.0	166.867	11.103	0.0	38.412	11.623	0.0	1.864	0.0	0.0	1.944	0.0	0.0	2.035	0.0	0.0	2.082	0.0
53	3975	3976	SN	1	0.0	34.083	15.06	0.0	26.626	14.975	0.0	145.717	11.212	0.0	25.573	11.406	0.0	1.864	0.0	0.0	1.945	0.0	0.0	2.037	0.0	0.0	2.084	0.0
54	3975	3976	SN	1	0.0	31.231	15.051	0.0	26.626	15.118	0.0	145.717	11.146	0.0	38.93	11.673	0.0	1.864	0.0	0.0	1.945	0.0	0.0	2.037	0.0	0.0	2.084	0.0
55	3975	3976	NS	1	0.0	25.932	14.202	0.0	33.835	15.424	0.0	351.551	12.707	0.0	94.086	12.563	0.0	1.927	0.0	0.0	1.893	0.0	0.0	2.079	0.0	0.0	2.051	0.0
56	3975	3976	SN	1	0.0	25.788	8.856	0.0	26.886	8.823	0.0	164.788	2.65	0.0	16.903	2.98	0.0	1.863	0.0	0.0	1.921	0.0	0.0	2.034	0.0	0.0	2.068	0.0
57	3975	3976	SN	1	0.0	25.788	8.854	0.0	26.886	8.918	0.0	164.788	2.634	0.0	87.6	3.105	0.0	1.863	0.0	0.0	1.921	0.0	0.0	2.034	0.0	0.0	2.068	0.0
58	3975	3976	NS	1	0.0	26.726	9.309	0.0	25.871	9.456	0.0	349.378	3.892	0.0	145.96	3.449	0.0	1.929	0.0	0.0	1.886	0.0	0.0	2.075	0.0	0.0	2.05	0.0
59	3976	3977	SN	1	0.0	25.794	8.859	0.0	26.88	8.922	0.0	162.141	2.659	0.0	79.504	3.096	0.0	1.862	0.0	0.0	1.928	0.0	0.0	2.033	0.0	0.0	2.068	0.0
60	3976	3977	NS	1	0.0	25.926	14.182	0.0	33.868	15.414	0.0	351.788	12.75	0.0	78.699	12.548	0.0	1.936	0.0	0.0	1.892	0.0	0.0	2.079	0.0	0.0	2.05	0.0
61	3976	3977	SN	1	0.0	32.864	15.024	0.0	27.161	15.128	0.0	154.999	11.128	0.0	49.442	11.6	0.0	1.864	0.0	0.0	1.934	0.0	0.0	2.037	0.0	0.0	2.086	0.0
62	3976	3977	SN	1	0.0	34.105	15.041	0.0	25.65	14.247	0.0	154.999	11.239	0.0	14.874	10.365	0.0	1.864	0.0	0.0	1.934	0.0	0.0	2.037	0.0	0.0	2.086	0.0
63	3976	3977	NS	1	0.0	26.695	9.298	0.0	25.871	9.456	0.0	349.814	3.903	0.0	117.15	3.456	0.0	1.921	0.0	0.0	1.886	0.0	0.0	2.075	0.0	0.0	2.05	0.0
64	3976	3977	SN	1	0.0	25.794	8.884	0.0	26.88	8.675	0.0	162.141	2.716	0.0	13.004	2.779	0.0	1.862	0.0	0.0	1.928	0.0	0.0	2.033	0.0	0.0	2.068	0.0
65	3977	3978	NS	1	0.0	26.745	9.31	0.0	25.876	9.48	0.0	336.677	3.909	0.0	109.059	3.476	0.0	1.923	0.0	0.0	1.885	0.0	0.0	2.075	0.0	0.0	2.051	0.0
66	3977	3978	SN	1	0.0	25.799	8.863	0.0	26.902	8.924	0.0	162.748	2.637	0.0	75.026	3.073	0.0	1.865	0.0	0.0	1.922	0.0	0.0	2.038	0.0	0.0	2.068	0.0
67	3977	3978	SN	1	0.0	31.888	15.01	0.0	27.272	15.101	0.0	158.413	11.067	0.0	50.848	11.573	0.0	1.869	0.0	0.0	1.941	0.0	0.0	2.038	0.0	0.0	2.073	0.0
68	3977	3978	NS	1	0.0	25.937	14.122	0.0	33.724	15.383	0.0	353.073	12.769	0.0	81.197	12.564	0.0	1.932	0.0	0.0	1.889	0.0	0.0	2.08	0.0	0.0	2.05	0.0

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

69	3977	3978	SN	1	0.0	25.799	8.926	0.0	26.902	8.605	0.0	162.748	2.689	0.0	12.938	2.692	0.0	1.862	0.0	0.0	1.922	0.0	0.0	2.035	0.0	0.0	2.068	0.0
70	3977	3978	SN	1	0.0	33.994	15.164	0.0	25.43	14.184	0.0	158.413	11.19	0.0	14.322	10.154	0.0	1.864	0.0	0.0	1.941	0.0	0.0	2.038	0.0	0.0	2.073	0.0
71	3978	3979	NS	1	0.0	26.759	9.292	0.0	25.876	9.456	0.0	335.056	3.881	0.0	149.181	3.449	0.0	1.92	0.0	0.0	1.884	0.0	0.0	2.076	0.0	0.0	2.056	0.0
72	3978	3979	NS	1	0.0	25.926	14.164	0.0	33.697	15.395	0.0	352.163	12.72	0.0	75.589	12.507	0.0	1.931	0.0	0.0	1.888	0.0	0.0	2.079	0.0	0.0	2.056	0.0

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