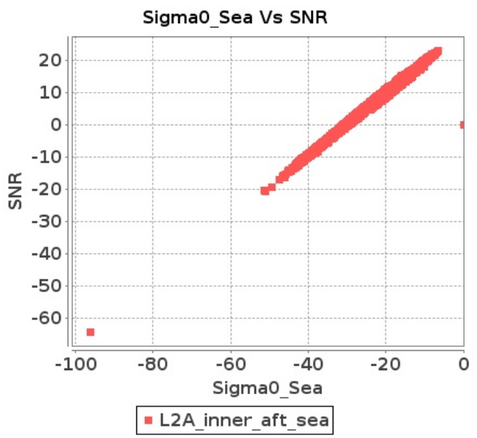
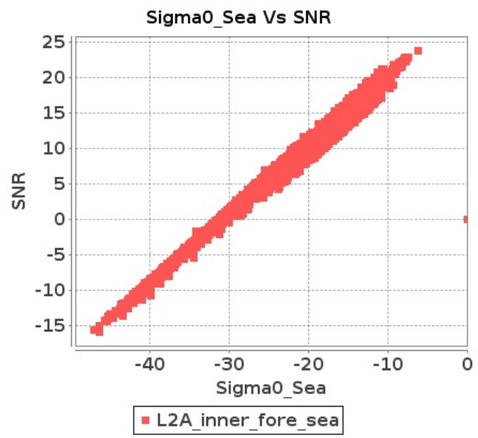
SCATSAT-1 Scatterometer Level-2A Data Quality Cycle wise Report

Report between 23-JUL-2018 To 24-JUL-2018

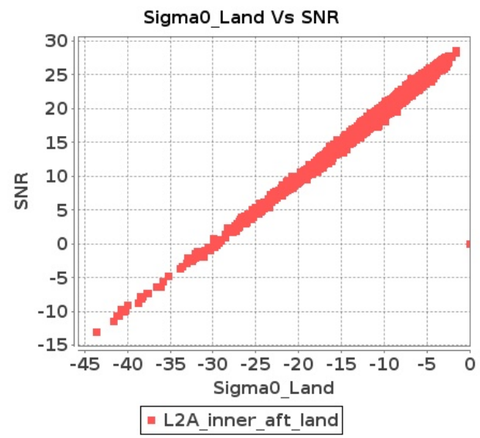
Inner Sea Aft Sigma0VsSNR



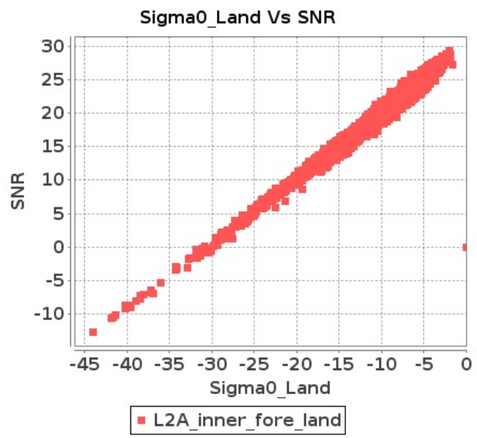
Inner Sea Fore Sigma0VsSNR



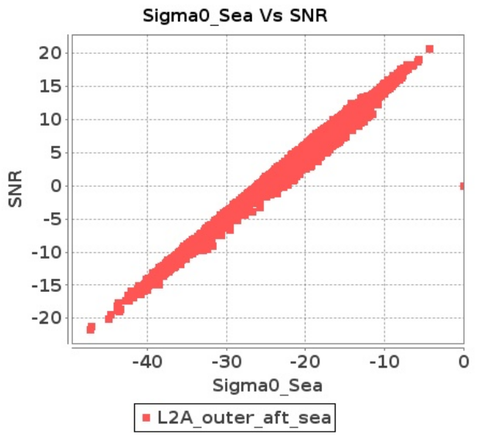
Inner Land Aft Sigma0VsSNR



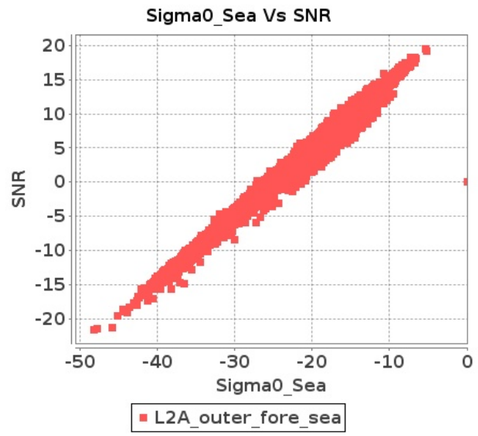
Inner Land Fore Sigma0VsSNR



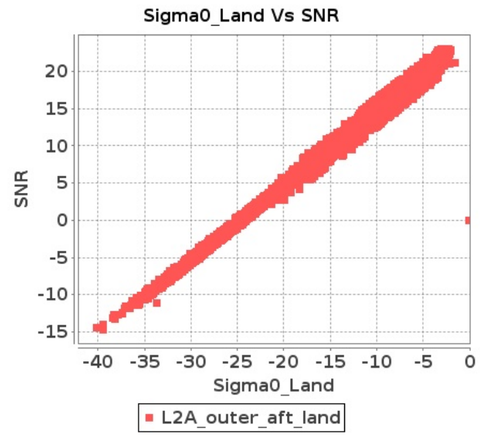
Outer Sea Aft Sigma0VsSNR



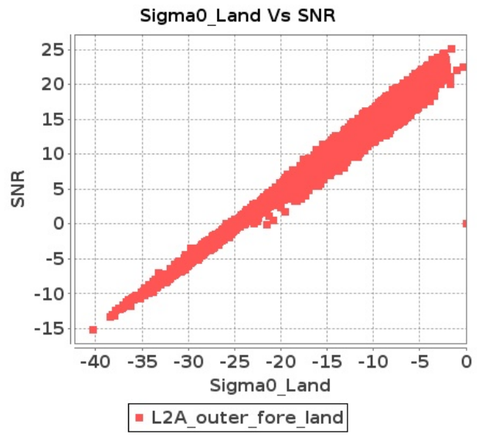
Outer Sea Fore Sigma0VsSNR



Outer Land Aft Sigma0VsSNR



Outer Land Fore Sigma0VsSNR



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

Report between 23-JUL-2018 To 24-JUL-2018

					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	9639	9640	SN	1	0.0	43.831	2.744	0.0	47.368	3.648	0.0	45.375	2.98	0.0	44.719	4.12	0.0	44.532	2.775	0.0	47.139	2.955	0.0	47.427	2.712	0.0	45.519	3.268
2	9639	9640	SN	1	0.0	44.558	2.638	0.0	45.711	3.473	0.0	45.375	3.088	0.0	44.744	3.924	0.0	44.93	2.638	0.0	47.139	2.815	0.0	47.427	2.783	0.0	45.519	3.101
3	9639	9640	SN	1	0.0	47.351	0.724	0.0	49.71	0.886	0.0	39.28	0.723	0.0	37.592	1.137	0.0	48.603	0.696	0.0	48.558	0.739	0.0	40.859	0.621	0.0	38.923	0.864
4	9639	9640	SN	1	0.0	49.379	2.648	0.0	45.692	3.453	0.0	45.418	3.109	0.0	44.92	3.881	0.0	48.386	2.638	0.0	47.207	2.805	0.0	47.469	2.833	0.0	45.432	3.072
5	9639	9640	SN	1	0.0	47.313	0.711	0.0	49.71	0.841	0.0	39.28	0.744	0.0	42.363	1.072	0.0	48.239	0.677	0.0	48.558	0.706	0.0	40.859	0.664	0.0	39.91	0.802
6	9639	9640	SN	1	0.0	50.378	0.709	0.0	46.999	0.835	0.0	40.87	0.747	0.0	43.259	1.068	0.0	50.048	0.68	0.0	47.537	0.69	0.0	40.997	0.656	0.0	40.806	0.801
7	9640	9641	SN	1	0.0	54.711	3.902	0.0	53.404	4.304	0.0	43.981	2.918	0.0	44.187	3.967	0.0	57.253	4.013	0.0	54.07	3.98	0.0	42.628	2.861	0.0	45.744	3.498
8	9640	9641	SN	1	0.0	45.137	0.984	0.0	46.857	1.277	0.0	40.193	0.878	0.0	42.023	1.254	0.0	45.534	0.986	0.0	45.539	1.191	0.0	40.007	0.839	0.0	39.46	1.104
9	9640	9641	SN	1	0.0	54.711	3.961	0.0	53.404	4.37	0.0	43.981	2.963	0.0	44.187	4.028	0.0	57.253	4.074	0.0	54.07	4.041	0.0	42.628	2.905	0.0	45.744	3.553
10	9640	9641	SN	1	0.0	45.137	0.999	0.0	46.857	1.296	0.0	40.193	0.89	0.0	42.023	1.274	0.0	45.534	1.001	0.0	45.539	1.209	0.0	40.007	0.852	0.0	39.46	1.121
11	9640	9641	NS	1	0.0	50.373	2.551	0.0	46.569	2.481	0.0	46.031	2.316	0.0	49.069	2.858	0.0	50.972	2.561	0.0	47.359	2.105	0.0	45.71	2.124	0.0	46.924	2.302
12	9640	9641	NS	1	0.0	49.159	0.686	0.0	42.92	0.77	0.0	40.073	0.631	0.0	49.413	0.88	0.0	49.42	0.682	0.0	42.377	0.68	0.0	41.607	0.574	0.0	46.291	0.713
13	9641	9642	SN	1	0.0	42.08	3.558	0.0	45.791	3.886	0.0	44.838	3.685	0.0	43.68	4.65	0.0	42.283	3.578	0.0	44.155	3.886	0.0	45.61	3.649	0.0	45.741	4.456
14	9641	9642	NS	1	0.0	47.581	0.5	0.0	42.66	0.605	0.0	43.627	0.558	0.0	38.35	0.833	0.0	47.48	0.521	0.0	43.566	0.539	0.0	41.568	0.525	0.0	36.083	0.667
15	9641	9642	NS	1	0.0	40.937	2.246	0.0	46.085	2.9	0.0	45.126	2.023	0.0	39.793	2.708	0.0	41.914	2.327	0.0	48.409	2.716	0.0	44.188	1.923	0.0	39.947	2.217
16	9641	9642	NS	1	0.0	42.555	0.519	0.0	48.404	0.612	0.0	37.159	0.535	0.0	48.048	0.841	0.0	42.573	0.514	0.0	47.414	0.596	0.0	37.73	0.496	0.0	51.25	0.695
17	9641	9642	SN	1	0.0	42.08	3.553	0.0	45.827	3.886	0.0	44.837	3.674	0.0	43.68	4.643	0.0	42.283	3.574	0.0	44.155	3.897	0.0	45.608	3.638	0.0	45.741	4.456
18	9641	9642	SN	1	0.0	40.581	0.976	0.0	42.382	1.252	0.0	43.663	1.33	0.0	44.193	1.717	0.0	43.358	0.98	0.0	43.222	1.161	0.0	40.646	1.271	0.0	45.102	1.554
19	9641	9642	SN	1	0.0	40.688	0.956	0.0	42.382	1.234	0.0	43.663	1.313	0.0	44.193	1.702	0.0	43.464	0.963	0.0	41.21	1.146	0.0	40.646	1.249	0.0	45.102	1.534
20	9641	9642	NS	1	0.0	49.317	2.206	0.0	46.852	2.735	0.0	45.179	1.91	0.0	47.675	2.601	0.0	49.461	2.227	0.0	48.409	2.624	0.0	45.005	1.882	0.0	43.856	2.238
21	9641	9642	SN	1	0.0	40.579	0.984	0.0	42.382	1.247	0.0	43.663	1.326	0.0	44.193	1.717	0.0	43.358	0.988	0.0	43.222	1.158	0.0	40.646	1.263	0.0	45.102	1.554
22	9641	9642	SN	1	0.0	42.046	3.508	0.0	45.827	3.837	0.0	44.728	3.62	0.0	43.68	4.584	0.0	42.251	3.528	0.0	44.155	3.847	0.0	45.501	3.591	0.0	45.741	4.399
23	9642	9643	SN	1	0.0	46.671	3.557	0.0	45.121	5.042	0.0	41.339	3.384	0.0	44.233	4.604	0.0	47.199	3.628	0.0	47.492	4.921	0.0	41.039	3.582	0.0	43.946	4.363
24	9642	9643	NS	1	0.0	55.407	1.657	0.0	47.417	1.994	0.0	45.865	1.931	0.0	41.139	2.623	0.0	55.975	1.707	0.0	48.037	1.933	0.0	43.482	1.852	0.0	39.846	2.238
25	9642	9643	SN	1	0.0	47.174	3.413	0.0	45.225	5.074	0.0	43.155	3.366	0.0	43.615	4.512	0.0	47.205	3.475	0.0	46.859	4.971	0.0	41.885	3.597	0.0	43.946	4.331
26	9642	9643	NS	1	0.0	51.906	0.482	0.0	50.708	0.689	0.0	41.025	0.505	0.0	47.067	0.705	0.0	50.622	0.496	0.0	50.839	0.621	0.0	39.118	0.457	0.0	46.283	0.607
27	9642	9643	SN	1	0.0	46.101	0.95	0.0	41.571	1.451	0.0	36.945	1.138	0.0	43.488	1.74	0.0	47.964	0.978	0.0	42.018	1.391	0.0	36.259	1.112	0.0	44.474	1.468
28	9642	9643	SN	1	0.0	44.267	0.947	0.0	41.571	1.43	0.0	39.718	1.131	0.0	43.488	1.734	0.0	46.132	0.952	0.0	42.018	1.351	0.0	39.505	1.124	0.0	44.474	1.47
29	9643	9644	SN	1	0.0	43.678	5.032	0.0	49.277	5.806	0.0	43.921	5.117	0.0	41.031	6.696	0.0	44.123	5.251	0.0	50.472	5.92	0.0	43.275	5.066	0.0	42.715	6.506
30	9643	9644	NS	1	0.0	51.264	4.167	0.0	48.163	4.588	0.0	45.285	3.519	0.0	42.855	4.041	0.0	51.405	4.197	0.0	51.511	4.374	0.0	43.862	3.469	0.0	42.236	3.621
31	9643	9644	SN	1	0.0	52.256	5.067	0.0	48.369	5.649	0.0	47.816	5.202	0.0	43.95	6.576	0.0	52.15	5.249	0.0	49.935	5.73	0.0	47.11	5.11	0.0	45.186	6.314

Parameter Specifications	Parameters	SNR	Sigma0
	Range	20.0	20.0

Normal
Deviations
Alarming
High Errors

32	9643	9644	SN	1	0.0	49.269	1.565	0.0	44.54	2.03	0.0	46.3	1.568	0.0	40.024	2.328	0.0	49.707	1.582	0.0	44.51	1.97	0.0	46.904	1.548	0.0	41.634	2.062
33	9643	9644	SN	1	0.0	50.329	1.551	0.0	44.54	1.962	0.0	39.888	1.558	0.0	41.381	2.304	0.0	51.439	1.578	0.0	44.51	1.901	0.0	41.63	1.528	0.0	42.992	2.048
34	9643	9644	NS	1	0.0	41.328	1.053	0.0	47.252	1.432	0.0	39.5	0.846	0.0	42.595	1.125	0.0	43.461	1.041	0.0	46.637	1.398	0.0	41.592	0.816	0.0	42.992	1.025
35	9644	9645	NS	1	0.0	49.079	6.33	0.0	44.181	6.488	0.0	46.693	5.306	0.0	46.446	6.058	0.0	49.7	6.472	0.0	45.184	6.356	0.0	47.309	5.263	0.0	48.131	5.58
36	9644	9645	SN	1	0.0	41.404	1.543	0.0	44.705	2.36	0.0	41.2	1.728	0.0	42.043	2.471	0.0	42.44	1.515	0.0	44.76	2.133	0.0	42.084	1.68	0.0	43.717	2.108
37	9644	9645	NS	1	0.0	45.135	1.609	0.0	46.551	1.982	0.0	40.852	1.44	0.0	44.736	1.882	0.0	46.141	1.611	0.0	44.6	1.878	0.0	40.778	1.454	0.0	43.815	1.683
38	9644	9645	SN	1	0.0	44.277	1.515	0.0	45.129	2.353	0.0	41.17	1.7	0.0	39.332	2.512	0.0	42.574	1.479	0.0	45.0	2.152	0.0	40.662	1.649	0.0	36.651	2.185
39	9644	9645	SN	1	0.0	52.225	6.854	0.0	51.357	8.67	0.0	43.434	5.611	0.0	46.444	7.6	0.0	52.386	6.753	0.0	50.716	8.265	0.0	44.162	5.278	0.0	46.817	7.025
40	9644	9645	SN	1	0.0	52.225	6.846	0.0	51.357	8.594	0.0	41.466	5.54	0.0	45.875	7.604	0.0	52.386	6.741	0.0	50.708	8.076	0.0	40.756	5.303	0.0	46.817	6.996
41	9645	9646	SN	1	0.0	42.94	2.566	0.0	45.633	3.422	0.0	44.349	2.385	0.0	47.566	3.022	0.0	42.065	2.576	0.0	45.068	3.331	0.0	44.188	2.454	0.0	44.189	2.952
42	9645	9646	SN	1	0.0	51.282	8.068	0.0	50.022	10.739	0.0	45.879	7.559	0.0	48.427	9.374	0.0	52.923	8.209	0.0	51.962	10.637	0.0	46.184	7.864	0.0	49.668	9.445
43	9645	9646	NS	1	0.0	43.856	1.625	0.0	45.168	2.317	0.0	40.87	1.73	0.0	44.4	2.259	0.0	44.223	1.609	0.0	43.93	2.25	0.0	40.66	1.632	0.0	43.812	2.069
44	9645	9646	NS	1	0.0	47.519	6.473	0.0	51.885	7.067	0.0	43.827	5.889	0.0	46.707	6.884	0.0	47.911	6.463	0.0	52.889	6.905	0.0	46.416	5.989	0.0	44.446	6.727
45	9645	9646	SN	1	0.0	50.406	8.148	0.0	50.585	10.707	0.0	45.879	7.686	0.0	48.188	9.582	0.0	50.807	8.288	0.0	51.048	10.621	0.0	45.197	8.012	0.0	49.43	9.635
46	9645	9646	SN	1	0.0	46.176	2.555	0.0	47.652	3.341	0.0	44.349	2.337	0.0	47.566	2.939	0.0	46.097	2.54	0.0	45.898	3.244	0.0	44.188	2.401	0.0	44.189	2.877
47	9646	9647	NS	1	0.0	50.287	3.547	0.0	50.568	4.352	0.0	37.244	3.371	0.0	51.585	4.083	0.0	51.579	3.628	0.0	52.019	4.068	0.0	36.724	3.542	0.0	47.676	3.656
48	9646	9647	SN	1	0.0	46.777	1.364	0.0	49.108	1.979	0.0	44.175	0.973	0.0	42.199	1.27	0.0	46.411	1.381	0.0	46.386	1.777	0.0	45.589	0.876	0.0	41.851	1.062
49	9646	9647	SN	1	0.0	50.301	5.517	0.0	48.386	6.799	0.0	46.353	3.891	0.0	46.512	4.745	0.0	50.495	5.572	0.0	50.025	6.599	0.0	46.453	3.588	0.0	45.045	4.2
50	9646	9647	NS	1	0.0	41.483	0.912	0.0	50.107	1.334	0.0	42.358	1.074	0.0	49.722	1.451	0.0	41.759	0.906	0.0	50.051	1.223	0.0	42.723	1.044	0.0	46.763	1.249
51	9654	9655	SN	1	0.0	49.566	5.345	0.0	51.661	6.29	0.0	50.797	3.905	0.0	47.929	5.199	0.0	50.59	5.428	0.0	51.164	5.968	0.0	49.563	3.789	0.0	50.148	4.567
52	9654	9655	SN	1	0.0	54.929	1.312	0.0	52.72	1.716	0.0	42.792	0.944	0.0	44.168	1.428	0.0	55.361	1.324	0.0	52.7	1.644	0.0	43.845	0.919	0.0	41.464	1.125
53	9654	9655	SN	1	0.0	54.903	1.308	0.0	53.48	1.723	0.0	42.792	0.942	0.0	44.244	1.426	0.0	55.336	1.328	0.0	52.698	1.653	0.0	43.856	0.921	0.0	41.463	1.13
54	9654	9655	NS	1	0.0	52.49	9.91	0.0	62.199	10.698	0.0	48.181	6.684	0.0	50.714	7.568	0.0	52.666	10.153	0.0	59.902	10.525	0.0	48.074	6.791	0.0	46.163	7.026
55	9654	9655	SN	1	0.0	50.459	5.196	0.0	51.712	6.126	0.0	50.262	3.846	0.0	47.894	5.115	0.0	52.074	5.276	0.0	51.216	5.812	0.0	49.564	3.704	0.0	50.113	4.462
56	9654	9655	SN	1	0.0	49.566	5.216	0.0	51.661	6.146	0.0	50.797	3.825	0.0	47.929	5.072	0.0	50.59	5.287	0.0	51.164	5.842	0.0	49.563	3.711	0.0	50.148	4.448
57	9654	9655	NS	1	0.0	46.207	2.187	0.0	53.452	2.621	0.0	48.076	1.616	0.0	44.102	2.224	0.0	48.051	2.185	0.0	52.952	2.465	0.0	46.681	1.577	0.0	42.312	2.0
58	9654	9655	SN	1	0.0	54.903	1.347	0.0	53.48	1.761	0.0	42.448	0.94	0.0	44.244	1.45	0.0	55.336	1.368	0.0	52.698	1.696	0.0	43.856	0.924	0.0	41.463	1.147
59	9655	9656	SN	1	0.0	46.647	1.092	0.0	46.492	1.489	0.0	39.862	1.2	0.0	44.651	1.545	0.0	47.403	1.122	0.0	45.089	1.339	0.0	38.672	1.166	0.0	42.571	1.362
60	9655	9656	SN	1	0.0	46.647	1.092	0.0	46.492	1.487	0.0	39.862	1.2	0.0	44.651	1.543	0.0	47.403	1.122	0.0	45.089	1.337	0.0	38.672	1.166	0.0	42.571	1.36
61	9655	9656	SN	1	0.0	46.647	1.081	0.0	46.492	1.471	0.0	40.06	1.183	0.0	44.651	1.525	0.0	47.403	1.108	0.0	45.089	1.322	0.0	38.868	1.151	0.0	42.571	1.344
62	9655	9656	SN	1	0.0	55.887	4.056	0.0	52.429	4.605	0.0	44.082	3.488	0.0	44.779	4.534	0.0	56.627	4.086	0.0	49.935	4.482	0.0	45.505	3.646	0.0	42.366	4.103
63	9655	9656	NS	1	0.0	53.201	0.695	0.0	52.08	0.829	0.0	44.564	0.647	0.0	39.775	0.77	0.0	52.161	0.684	0.0	53.402	0.77	0.0	45.751	0.606	0.0	39.969	0.632
64	9655	9656	NS	1	0.0	53.503	0.695	0.0	52.213	0.825	0.0	44.564	0.651	0.0	39.775	0.767	0.0	52.462	0.686	0.0	54.049	0.766	0.0	45.751	0.612	0.0	39.969	0.63
65	9655	9656	NS	1	0.0	52.677	3.069	0.0	53.223	3.264	0.0	49.923	2.295	0.0	47.402	2.594	0.0	51.834	3.059	0.0	53.87	3.091	0.0	49.923	2.152	0.0	45.055	2.252
66	9655	9656	SN	1	0.0	55.887	4.056	0.0	52.429	4.605	0.0	44.082	3.488	0.0	44.779	4.534	0.0	56.627	4.086	0.0	49.935	4.482	0.0	45.505	3.646	0.0	42.366	4.103
67	9655	9656	NS	1	0.0	52.979	3.09	0.0	53.262	3.244	0.0	49.923	2.309	0.0	47.402	2.601	0.0	52.135	3.08	0.0	53.91	3.081	0.0	49.923	2.166	0.0	45.055	2.266

Parameter Specifications	Parameters	SNR	Sigma0
	Range	20.0	20.0

Normal
Deviations
Alarming
High Errors

68	9655	9656	SN	1	0.0	55.887	4.004	0.0	52.429	4.558	0.0	44.082	3.451	0.0	44.779	4.495	0.0	56.627	4.034	0.0	49.935	4.436	0.0	45.505	3.607	0.0	42.366	4.061
69	9656	9657	SN	1	0.0	45.442	0.821	0.0	45.049	1.132	0.0	35.069	0.931	0.0	44.045	1.541	0.0	44.966	0.828	0.0	45.247	1.134	0.0	36.481	0.875	0.0	42.843	1.337
70	9656	9657	NS	1	0.0	45.72	1.128	0.0	43.299	1.465	0.0	42.233	1.282	0.0	50.669	1.81	0.0	47.085	1.199	0.0	45.005	1.251	0.0	39.673	1.154	0.0	48.951	1.461
71	9656	9657	SN	1	0.0	49.424	3.224	0.0	50.135	4.009	0.0	45.756	3.172	0.0	45.021	4.661	0.0	50.907	3.254	0.0	51.182	4.262	0.0	46.173	3.13	0.0	42.034	4.377
72	9656	9657	NS	1	0.0	35.467	0.267	0.0	36.681	0.399	0.0	38.444	0.363	0.0	37.385	0.566	0.0	35.496	0.238	0.0	35.374	0.347	0.0	37.515	0.324	0.0	35.486	0.443
73	9657	9658	NS	1	0.0	45.118	0.717	0.0	52.377	0.899	0.0	40.01	0.661	0.0	43.619	0.805	0.0	43.657	0.717	0.0	51.748	0.786	0.0	38.571	0.608	0.0	43.003	0.64
74	9657	9658	SN	1	0.0	42.468	1.064	0.0	39.06	1.36	0.0	42.448	1.235	0.0	38.579	1.56	0.0	41.853	1.08	0.0	38.879	1.272	0.0	40.418	1.15	0.0	39.201	1.286
75	9657	9658	NS	1	0.0	56.405	3.017	0.0	53.423	3.338	0.0	42.917	2.606	0.0	46.523	3.137	0.0	56.683	2.997	0.0	52.381	2.89	0.0	42.827	2.357	0.0	46.317	2.681
76	9657	9658	SN	1	0.0	50.463	5.073	0.0	45.5	5.143	0.0	41.854	3.76	0.0	45.465	4.732	0.0	49.281	5.033	0.0	45.2	5.002	0.0	40.334	3.547	0.0	46.438	4.292
77	9658	9659	NS	1	0.0	44.017	1.179	0.0	50.65	1.474	0.0	40.166	1.057	0.0	42.312	1.47	0.0	44.602	1.202	0.0	50.08	1.372	0.0	39.575	1.002	0.0	40.827	1.305
78	9658	9659	NS	1	0.0	46.743	4.622	0.0	47.629	5.088	0.0	45.839	3.916	0.0	43.935	4.834	0.0	47.242	4.673	0.0	45.704	4.854	0.0	46.464	3.809	0.0	44.382	4.442
79	9658	9659	SN	1	0.0	51.613	5.023	0.0	48.382	6.338	0.0	45.364	5.041	0.0	41.723	6.795	0.0	52.156	5.285	0.0	50.506	6.054	0.0	46.26	5.034	0.0	42.825	6.412
80	9658	9659	SN	1	0.0	44.665	1.578	0.0	40.452	2.088	0.0	43.52	1.567	0.0	39.487	2.49	0.0	44.704	1.571	0.0	39.39	2.037	0.0	40.798	1.521	0.0	39.227	2.29
81	9659	9660	NS	1	0.0	51.962	6.502	0.0	51.705	6.197	0.0	48.85	5.853	0.0	49.984	6.652	0.0	52.418	6.563	0.0	53.836	5.953	0.0	46.307	5.789	0.0	46.024	6.096
82	9659	9660	NS	1	0.0	56.257	1.661	0.0	46.356	1.972	0.0	43.404	1.564	0.0	45.143	1.94	0.0	57.798	1.666	0.0	47.83	1.888	0.0	41.207	1.532	0.0	41.466	1.709
83	9659	9660	SN	1	0.0	44.674	2.741	0.0	52.075	4.069	0.0	49.609	2.561	0.0	41.836	3.558	0.0	43.848	2.75	0.0	53.931	3.94	0.0	49.548	2.526	0.0	45.925	3.457
84	9659	9660	SN	1	0.0	51.947	10.925	0.0	56.368	13.575	0.0	49.536	8.417	0.0	49.648	10.535	0.0	52.336	11.01	0.0	56.701	13.383	0.0	49.849	8.627	0.0	47.776	10.498

Parameter Specifications	Parameters	SNR	Sigma0
	Range	20.0	20.0

Normal
Alarming
Deviations
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	9639	9640	SN	1	0.0	27.873	12.697	0.0	27.261	12.576	0.0	139.629	13.403	0.0	156.177	14.043	0.0	1.43	0.0	0.0	1.815	0.0	0.0	1.881	0.0	0.0	2.174	0.0
2	9639	9640	SN	1	0.0	27.873	12.635	0.0	27.261	13.104	0.0	139.629	13.01	0.0	156.177	14.78	0.0	1.43	0.0	0.0	1.815	0.0	0.0	1.881	0.0	0.0	2.174	0.0
3	9639	9640	SN	1	0.0	24.36	7.214	0.0	46.001	8.561	0.0	145.717	4.521	0.0	128.149	5.717	0.0	1.428	0.0	0.0	1.814	0.0	0.0	1.882	0.0	0.0	2.172	0.0
4	9639	9640	SN	1	0.0	27.873	12.635	0.0	27.261	13.104	0.0	139.601	13.038	0.0	223.774	14.78	0.0	1.432	0.0	0.0	1.815	0.0	0.0	1.881	0.0	0.0	2.174	0.0
5	9639	9640	SN	1	0.0	24.36	7.031	0.0	46.001	8.509	0.0	145.717	4.359	0.0	128.149	5.76	0.0	1.428	0.0	0.0	1.814	0.0	0.0	1.882	0.0	0.0	2.172	0.0
6	9639	9640	SN	1	0.0	24.36	7.026	0.0	24.062	8.515	0.0	145.734	4.366	0.0	204.521	5.766	0.0	1.425	0.0	0.0	1.814	0.0	0.0	1.881	0.0	0.0	2.172	0.0
7	9640	9641	SN	1	0.0	27.84	12.635	0.0	27.288	13.063	0.0	144.471	12.939	0.0	117.963	14.631	0.0	1.418	0.0	0.0	1.817	0.0	0.0	1.876	0.0	0.0	2.175	0.0
8	9640	9641	SN	1	0.0	24.376	7.053	0.0	24.056	8.525	0.0	145.563	4.299	0.0	55.365	5.555	0.0	1.434	0.0	0.0	1.815	0.0	0.0	1.883	0.0	0.0	2.173	0.0
9	9640	9641	SN	1	0.0	27.84	12.653	0.0	27.288	12.884	0.0	144.471	13.053	0.0	19.915	14.347	0.0	1.418	0.0	0.0	1.817	0.0	0.0	1.876	0.0	0.0	2.175	0.0
10	9640	9641	SN	1	0.0	24.376	7.109	0.0	24.056	8.534	0.0	145.563	4.344	0.0	15.481	5.472	0.0	1.434	0.0	0.0	1.815	0.0	0.0	1.883	0.0	0.0	2.173	0.0
11	9640	9641	NS	1	0.0	270.458	11.556	0.0	29.202	13.118	0.0	232.256	7.896	0.0	41.743	9.3	0.0	1.392	0.0	0.0	1.745	0.0	0.0	1.796	0.0	0.0	2.1	0.0
12	9640	9641	NS	1	0.0	122.356	4.803	0.0	19.253	6.215	0.0	149.25	1.238	0.0	19.446	1.192	0.0	1.376	0.0	0.0	1.744	0.0	0.0	1.807	0.0	0.0	2.098	0.0
13	9641	9642	SN	1	0.0	42.35	12.755	0.0	27.266	12.849	0.0	154.839	13.225	0.0	153.938	14.555	0.0	1.436	0.0	0.0	1.817	0.0	0.0	1.879	0.0	0.0	2.176	0.0
14	9641	9642	NS	1	0.0	255.369	4.77	0.0	19.247	6.213	0.0	152.443	1.202	0.0	22.209	1.208	0.0	1.378	0.0	0.0	1.743	0.0	0.0	1.808	0.0	0.0	2.098	0.0
15	9641	9642	NS	1	0.0	218.987	11.555	0.0	31.689	13.094	0.0	150.518	7.829	0.0	33.393	9.301	0.0	1.396	0.0	0.0	1.746	0.0	0.0	1.804	0.0	0.0	2.099	0.0
16	9641	9642	NS	1	0.0	263.545	4.792	0.0	21.15	6.197	0.0	229.146	1.193	0.0	20.968	1.192	0.0	1.376	0.0	0.0	1.744	0.0	0.0	1.808	0.0	0.0	2.098	0.0
17	9641	9642	SN	1	0.0	42.35	12.748	0.0	27.266	12.849	0.0	154.812	13.219	0.0	20.312	14.519	0.0	1.436	0.0	0.0	1.817	0.0	0.0	1.879	0.0	0.0	2.176	0.0
18	9641	9642	SN	1	0.0	69.445	7.112	0.0	24.067	8.535	0.0	142.475	4.51	0.0	210.207	5.795	0.0	1.43	0.0	0.0	1.815	0.0	0.0	1.882	0.0	0.0	2.173	0.0
19	9641	9642	SN	1	0.0	69.445	7.066	0.0	24.067	8.52	0.0	142.475	4.472	0.0	210.207	5.867	0.0	1.43	0.0	0.0	1.815	0.0	0.0	1.882	0.0	0.0	2.173	0.0
20	9641	9642	NS	1	0.0	164.397	11.551	0.0	29.229	13.108	0.0	168.53	7.89	0.0	42.311	9.285	0.0	1.396	0.0	0.0	1.746	0.0	0.0	1.802	0.0	0.0	2.099	0.0
21	9641	9642	SN	1	0.0	69.445	7.114	0.0	24.067	8.533	0.0	142.497	4.511	0.0	115.41	5.794	0.0	1.43	0.0	0.0	1.815	0.0	0.0	1.882	0.0	0.0	2.173	0.0
22	9641	9642	SN	1	0.0	42.35	12.716	0.0	27.288	13.0	0.0	154.812	13.112	0.0	121.234	14.766	0.0	1.436	0.0	0.0	1.817	0.0	0.0	1.879	0.0	0.0	2.176	0.0
23	9642	9643	SN	1	0.0	29.086	12.804	0.0	27.305	13.111	0.0	160.089	13.011	0.0	239.608	14.791	0.0	1.443	0.0	0.0	1.817	0.0	0.0	1.879	0.0	0.0	2.176	0.0
24	9642	9643	NS	1	0.0	22.154	11.545	0.0	29.229	13.104	0.0	134.966	7.893	0.0	33.603	9.294	0.0	1.397	0.0	0.0	1.746	0.0	0.0	1.807	0.0	0.0	2.1	0.0
25	9642	9643	SN	1	0.0	29.086	12.848	0.0	27.305	12.814	0.0	160.089	13.169	0.0	239.608	14.383	0.0	1.443	0.0	0.0	1.817	0.0	0.0	1.879	0.0	0.0	2.176	0.0
26	9642	9643	NS	1	0.0	20.179	4.777	0.0	19.242	6.193	0.0	355.483	1.236	0.0	22.595	1.189	0.0	1.375	0.0	0.0	1.743	0.0	0.0	1.815	0.0	0.0	2.098	0.0
27	9642	9643	SN	1	0.0	24.382	7.142	0.0	130.879	8.553	0.0	181.19	4.413	0.0	77.114	5.62	0.0	1.42	0.0	0.0	1.815	0.0	0.0	1.882	0.0	0.0	2.174	0.0
28	9642	9643	SN	1	0.0	24.382	7.067	0.0	130.879	8.532	0.0	181.19	4.351	0.0	77.114	5.696	0.0	1.42	0.0	0.0	1.815	0.0	0.0	1.882	0.0	0.0	2.174	0.0
29	9643	9644	SN	1	0.0	28.474	12.784	0.0	173.069	12.697	0.0	166.685	13.255	0.0	16.815	14.264	0.0	1.433	0.0	0.0	1.817	0.0	0.0	1.878	0.0	0.0	2.176	0.0
30	9643	9644	NS	1	0.0	120.677	11.565	0.0	29.218	13.093	0.0	132.208	7.936	0.0	50.876	9.336	0.0	1.39	0.0	0.0	1.745	0.0	0.0	1.804	0.0	0.0	2.099	0.0
31	9643	9644	SN	1	0.0	28.474	12.753	0.0	173.069	13.152	0.0	166.685	13.033	0.0	126.203	14.834	0.0	1.433	0.0	0.0	1.817	0.0	0.0	1.878	0.0	0.0	2.176	0.0

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

Normal Deviations
Alarming High Errors

32	9643	9644	SN	1	0.0	24.376	7.199	0.0	211.462	8.569	0.0	167.121	4.476	0.0	16.755	5.566	0.0	1.432	0.0	0.0	1.815	0.0	0.0	1.881	0.0	0.0	2.174	0.0
33	9643	9644	SN	1	0.0	24.376	7.088	0.0	211.462	8.546	0.0	167.121	4.383	0.0	71.039	5.645	0.0	1.432	0.0	0.0	1.815	0.0	0.0	1.881	0.0	0.0	2.174	0.0
34	9643	9644	NS	1	0.0	56.311	4.733	0.0	19.242	6.207	0.0	254.884	1.232	0.0	22.214	1.181	0.0	1.375	0.0	0.0	1.743	0.0	0.0	1.806	0.0	0.0	2.097	0.0
35	9644	9645	NS	1	0.0	207.808	11.634	0.0	28.452	13.077	0.0	337.846	7.905	0.0	37.452	9.265	0.0	1.389	0.0	0.0	1.744	0.0	0.0	1.802	0.0	0.0	2.096	0.0
36	9644	9645	SN	1	0.0	24.365	7.241	0.0	43.147	8.612	0.0	169.222	4.461	0.0	219.174	5.621	0.0	1.432	0.0	0.0	1.814	0.0	0.0	1.881	0.0	0.0	2.174	0.0
37	9644	9645	NS	1	0.0	257.796	4.771	0.0	19.258	6.216	0.0	328.592	1.248	0.0	23.036	1.204	0.0	1.375	0.0	0.0	1.743	0.0	0.0	1.805	0.0	0.0	2.097	0.0
38	9644	9645	SN	1	0.0	24.365	7.08	0.0	43.147	8.56	0.0	169.222	4.324	0.0	219.174	5.663	0.0	1.432	0.0	0.0	1.814	0.0	0.0	1.881	0.0	0.0	2.174	0.0
39	9644	9645	SN	1	0.0	28.215	12.667	0.0	27.217	13.005	0.0	174.478	13.05	0.0	217.752	14.76	0.0	1.441	0.0	0.0	1.816	0.0	0.0	1.875	0.0	0.0	2.174	0.0
40	9644	9645	SN	1	0.0	28.215	12.721	0.0	27.217	12.606	0.0	174.478	13.384	0.0	217.752	14.088	0.0	1.441	0.0	0.0	1.816	0.0	0.0	1.875	0.0	0.0	2.174	0.0
41	9645	9646	SN	1	0.0	24.382	7.228	0.0	24.056	8.615	0.0	157.69	4.671	0.0	16.755	5.808	0.0	1.434	0.0	0.0	1.814	0.0	0.0	1.883	0.0	0.0	2.174	0.0
42	9645	9646	SN	1	0.0	27.845	12.658	0.0	27.222	13.008	0.0	145.767	13.064	0.0	185.191	14.789	0.0	1.438	0.0	0.0	1.815	0.0	0.0	1.874	0.0	0.0	2.173	0.0
43	9645	9646	NS	1	0.0	264.706	4.778	0.0	19.247	6.209	0.0	320.27	1.241	0.0	23.422	1.211	0.0	1.375	0.0	0.0	1.743	0.0	0.0	1.805	0.0	0.0	2.097	0.0
44	9645	9646	NS	1	0.0	123.853	11.615	0.0	28.502	13.087	0.0	353.685	7.947	0.0	38.269	9.257	0.0	1.389	0.0	0.0	1.745	0.0	0.0	1.8	0.0	0.0	2.096	0.0
45	9645	9646	SN	1	0.0	27.845	12.724	0.0	27.222	12.503	0.0	145.767	13.535	0.0	16.782	13.948	0.0	1.438	0.0	0.0	1.815	0.0	0.0	1.874	0.0	0.0	2.173	0.0
46	9645	9646	SN	1	0.0	24.382	7.022	0.0	24.056	8.535	0.0	157.69	4.453	0.0	102.979	5.822	0.0	1.434	0.0	0.0	1.814	0.0	0.0	1.883	0.0	0.0	2.174	0.0
47	9646	9647	NS	1	0.0	42.182	11.546	0.0	29.114	13.138	0.0	164.3	7.982	0.0	40.949	9.357	0.0	1.391	0.0	0.0	1.745	0.0	0.0	1.801	0.0	0.0	2.099	0.0
48	9646	9647	SN	1	0.0	22.325	7.284	0.0	24.056	8.638	0.0	150.471	4.59	0.0	268.247	5.743	0.0	1.422	0.0	0.0	1.814	0.0	0.0	1.882	0.0	0.0	2.172	0.0
49	9646	9647	SN	1	0.0	27.807	12.751	0.0	25.518	12.376	0.0	149.043	13.652	0.0	135.12	13.791	0.0	1.444	0.0	0.0	1.814	0.0	0.0	1.872	0.0	0.0	2.173	0.0
50	9646	9647	NS	1	0.0	264.541	4.813	0.0	19.247	6.204	0.0	119.734	1.245	0.0	23.45	1.204	0.0	1.375	0.0	0.0	1.743	0.0	0.0	1.805	0.0	0.0	2.097	0.0
51	9654	9655	SN	1	0.0	27.779	12.711	0.0	55.798	12.786	0.0	147.377	13.298	0.0	42.733	14.493	0.0	1.431	0.0	0.0	1.816	0.0	0.0	1.875	0.0	0.0	2.174	0.0
52	9654	9655	SN	1	0.0	22.336	7.043	0.0	89.076	8.528	0.0	141.752	4.397	0.0	59.755	5.786	0.0	1.426	0.0	0.0	1.813	0.0	0.0	1.882	0.0	0.0	2.172	0.0
53	9654	9655	SN	1	0.0	22.336	7.052	0.0	120.495	8.519	0.0	141.829	4.406	0.0	59.744	5.786	0.0	1.426	0.0	0.0	1.814	0.0	0.0	1.882	0.0	0.0	2.172	0.0
54	9654	9655	NS	1	0.0	143.277	11.536	0.0	29.097	13.138	0.0	154.235	7.888	0.0	39.647	9.421	0.0	1.391	0.0	0.0	1.745	0.0	0.0	1.803	0.0	0.0	2.099	0.0
55	9654	9655	SN	1	0.0	27.779	12.686	0.0	55.798	13.082	0.0	147.344	13.096	0.0	114.279	14.926	0.0	1.431	0.0	0.0	1.816	0.0	0.0	1.875	0.0	0.0	2.174	0.0
56	9654	9655	SN	1	0.0	27.779	12.696	0.0	55.798	13.113	0.0	147.377	13.103	0.0	114.279	14.933	0.0	1.431	0.0	0.0	1.816	0.0	0.0	1.875	0.0	0.0	2.174	0.0
57	9654	9655	NS	1	0.0	20.21	4.904	0.0	19.28	6.205	0.0	113.761	1.161	0.0	23.841	1.247	0.0	1.375	0.0	0.0	1.744	0.0	0.0	1.807	0.0	0.0	2.099	0.0
58	9654	9655	SN	1	0.0	22.336	7.134	0.0	120.495	8.542	0.0	141.829	4.501	0.0	16.76	5.708	0.0	1.426	0.0	0.0	1.814	0.0	0.0	1.882	0.0	0.0	2.172	0.0
59	9655	9656	SN	1	0.0	22.352	7.138	0.0	24.04	8.541	0.0	168.125	4.492	0.0	16.76	5.782	0.0	1.434	0.0	0.0	1.814	0.0	0.0	1.884	0.0	0.0	2.173	0.0
60	9655	9656	SN	1	0.0	22.352	7.138	0.0	24.04	8.537	0.0	168.125	4.492	0.0	16.76	5.785	0.0	1.434	0.0	0.0	1.814	0.0	0.0	1.884	0.0	0.0	2.173	0.0
61	9655	9656	SN	1	0.0	22.352	7.083	0.0	24.04	8.526	0.0	168.125	4.434	0.0	124.675	5.847	0.0	1.434	0.0	0.0	1.814	0.0	0.0	1.884	0.0	0.0	2.173	0.0
62	9655	9656	SN	1	0.0	27.603	12.72	0.0	27.222	12.922	0.0	152.793	13.228	0.0	20.378	14.652	0.0	1.428	0.0	0.0	1.818	0.0	0.0	1.876	0.0	0.0	2.175	0.0
63	9655	9656	NS	1	0.0	219.199	4.879	0.0	19.264	6.209	0.0	257.476	1.202	0.0	24.266	1.235	0.0	1.376	0.0	0.0	1.743	0.0	0.0	1.805	0.0	0.0	2.097	0.0
64	9655	9656	NS	1	0.0	219.21	4.868	0.0	19.264	6.22	0.0	259.064	1.2	0.0	24.26	1.235	0.0	1.376	0.0	0.0	1.743	0.0	0.0	1.806	0.0	0.0	2.097	0.0
65	9655	9656	NS	1	0.0	270.282	11.587	0.0	29.125	13.138	0.0	264.116	7.917	0.0	41.197	9.329	0.0	1.392	0.0	0.0	1.745	0.0	0.0	1.803	0.0	0.0	2.098	0.0
66	9655	9656	SN	1	0.0	27.603	12.72	0.0	27.222	12.922	0.0	152.793	13.228	0.0	20.378	14.652	0.0	1.428	0.0	0.0	1.818	0.0	0.0	1.876	0.0	0.0	2.175	0.0
67	9655	9656	NS	1	0.0	270.232	11.587	0.0	29.125	13.138	0.0	259.93	7.924	0.0	41.192	9.343	0.0	1.392	0.0	0.0	1.745	0.0	0.0	1.803	0.0	0.0	2.099	0.0
68	9655	9656	SN	1	0.0	27.603	12.698	0.0	27.222	13.055	0.0	152.793	13.116	0.0	40.999	14.865	0.0	1.428	0.0	0.0	1.818	0.0	0.0	1.876	0.0	0.0	2.175	0.0

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

Normal
Deviations
Alarming
High Errors

69	9656	9657	SN	1	0.0	24.36	7.1	0.0	138.584	8.555	0.0	165.527	4.421	0.0	174.707	5.895	0.0	1.422	0.0	0.0	1.815	0.0	0.0	1.882	0.0	0.0	2.173	0.0
70	9656	9657	NS	1	0.0	87.126	11.572	0.0	65.364	13.206	0.0	249.617	8.015	0.0	100.158	9.465	0.0	1.387	0.0	0.0	1.745	0.0	0.0	1.8	0.0	0.0	2.096	0.0
71	9656	9657	SN	1	0.0	29.643	12.715	0.0	147.452	13.142	0.0	166.448	13.136	0.0	190.309	14.897	0.0	1.431	0.0	0.0	1.817	0.0	0.0	1.88	0.0	0.0	2.175	0.0
72	9656	9657	NS	1	0.0	59.231	4.821	0.0	114.177	6.259	0.0	352.588	1.271	0.0	100.461	1.269	0.0	1.374	0.0	0.0	1.744	0.0	0.0	1.828	0.0	0.0	2.096	0.0
73	9657	9658	NS	1	0.0	199.298	4.815	0.0	19.264	6.205	0.0	245.282	1.214	0.0	44.087	1.232	0.0	1.374	0.0	0.0	1.742	0.0	0.0	1.804	0.0	0.0	2.096	0.0
74	9657	9658	SN	1	0.0	24.338	7.107	0.0	163.909	8.541	0.0	176.094	4.412	0.0	264.684	5.827	0.0	1.424	0.0	0.0	1.816	0.0	0.0	1.881	0.0	0.0	2.175	0.0
75	9657	9658	NS	1	0.0	192.082	11.611	0.0	29.252	13.097	0.0	354.623	7.91	0.0	36.537	9.319	0.0	1.387	0.0	0.0	1.745	0.0	0.0	1.802	0.0	0.0	2.095	0.0
76	9657	9658	SN	1	0.0	30.123	12.724	0.0	145.61	13.121	0.0	157.459	13.212	0.0	126.716	14.961	0.0	1.43	0.0	0.0	1.818	0.0	0.0	1.879	0.0	0.0	2.176	0.0
77	9658	9659	NS	1	0.0	52.745	4.824	0.0	19.269	6.203	0.0	124.824	1.212	0.0	51.438	1.236	0.0	1.373	0.0	0.0	1.742	0.0	0.0	1.804	0.0	0.0	2.096	0.0
78	9658	9659	NS	1	0.0	43.627	11.692	0.0	29.268	13.117	0.0	128.855	7.867	0.0	37.221	9.326	0.0	1.387	0.0	0.0	1.745	0.0	0.0	1.801	0.0	0.0	2.095	0.0
79	9658	9659	SN	1	0.0	29.919	12.673	0.0	27.194	13.132	0.0	180.881	13.176	0.0	134.773	14.967	0.0	1.431	0.0	0.0	1.817	0.0	0.0	1.874	0.0	0.0	2.175	0.0
80	9658	9659	SN	1	0.0	22.369	7.107	0.0	24.04	8.57	0.0	170.86	4.393	0.0	142.847	5.825	0.0	1.421	0.0	0.0	1.814	0.0	0.0	1.88	0.0	0.0	2.173	0.0
81	9659	9660	NS	1	0.0	238.273	11.643	0.0	29.202	13.127	0.0	353.266	7.861	0.0	37.965	9.39	0.0	1.385	0.0	0.0	1.744	0.0	0.0	1.799	0.0	0.0	2.095	0.0
82	9659	9660	NS	1	0.0	57.397	4.847	0.0	19.269	6.222	0.0	334.35	1.157	0.0	23.24	1.234	0.0	1.372	0.0	0.0	1.743	0.0	0.0	1.805	0.0	0.0	2.096	0.0
83	9659	9660	SN	1	0.0	22.363	7.224	0.0	24.034	8.625	0.0	152.721	4.685	0.0	174.393	5.855	0.0	1.433	0.0	0.0	1.816	0.0	0.0	1.903	0.0	0.0	2.179	0.0
84	9659	9660	SN	1	0.0	27.829	12.856	0.0	27.217	12.612	0.0	146.991	13.703	0.0	77.318	14.217	0.0	1.428	0.0	0.0	1.824	0.0	0.0	1.89	0.0	0.0	2.182	0.0

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

Normal
Deviations
Alarming
High Errors