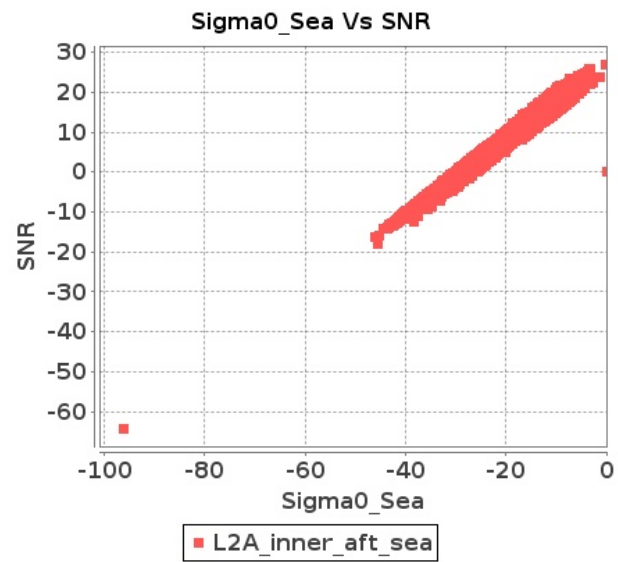


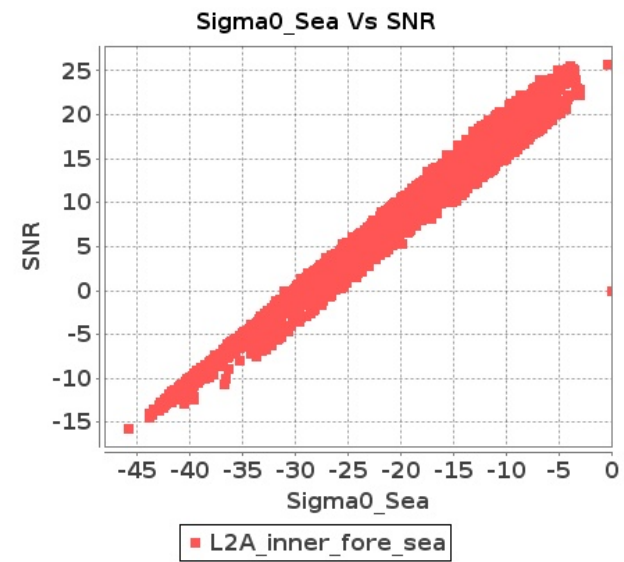
SCATSAT-1 Scatterometer Level-2A Data Quality Cycle wise Report

Report between 18-FEB-2017 To 19-FEB-2017

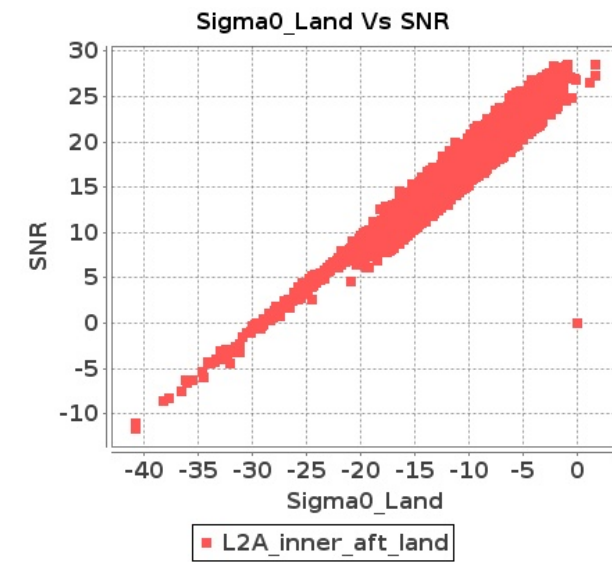
Inner Sea Aft Sigma0VsSNR



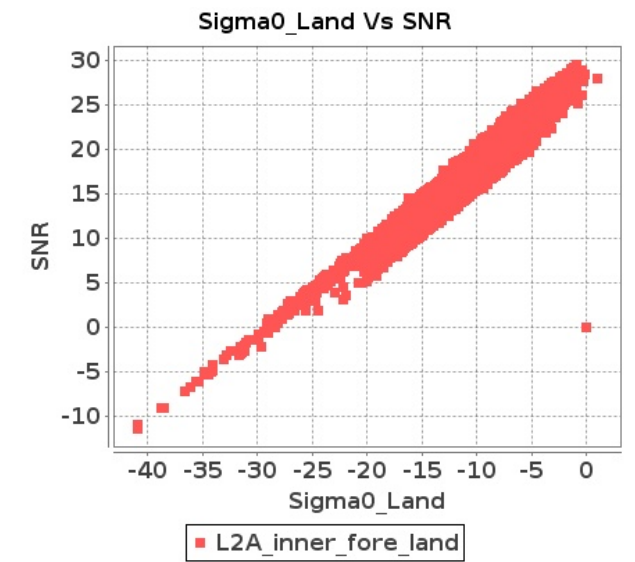
Inner Sea Fore Sigma0VsSNR



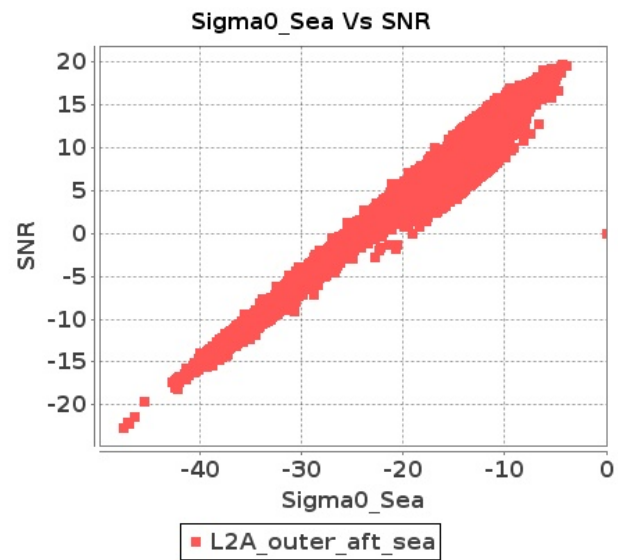
Inner Land Aft Sigma0VsSNR



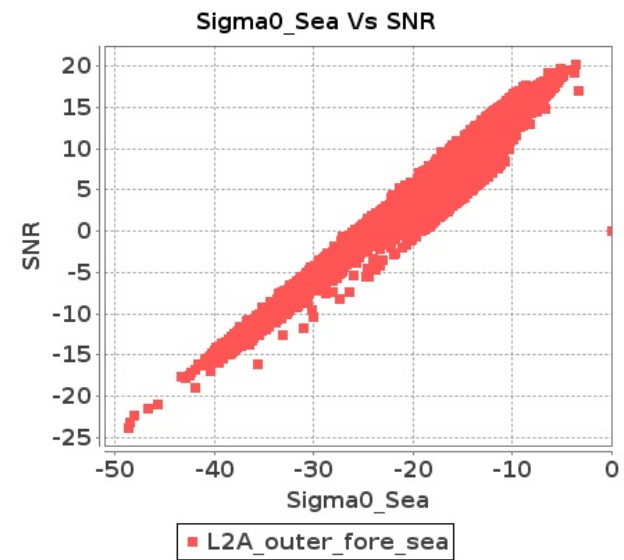
Inner Land Fore Sigma0VsSNR



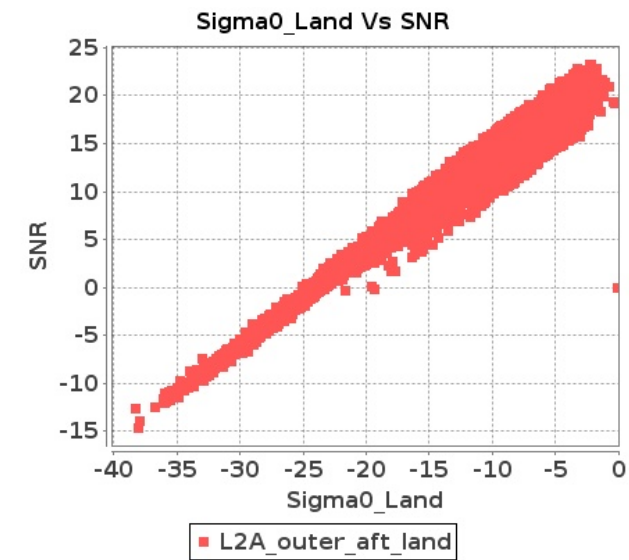
Outer Sea Aft Sigma0VsSNR



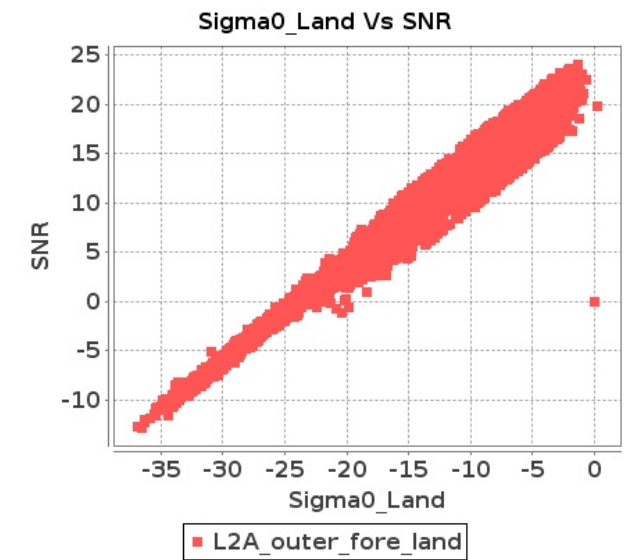
Outer Sea Fore Sigma0VsSNR



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	2100	2101	SN	1	0.0	51.294	4.672	0.0	53.59	5.048	0.0	39.803	4.104	0.0	42.962	5.512	0.0	50.886	4.523	0.0	53.062	4.417	0.0	40.898	3.941	0.0	40.863	3.872
2	2100	2101	SN	1	0.0	45.104	1.363	0.0	48.819	1.507	0.0	43.152	1.152	0.0	40.79	1.807	0.0	45.034	1.24	0.0	47.602	1.259	0.0	42.809	1.092	0.0	41.304	1.205
3	2101	2102	NS	1	0.0	50.966	7.565	0.0	54.046	8.414	0.0	50.016	6.126	0.0	52.637	7.964	0.0	52.687	7.289	0.0	55.734	7.297	0.0	53.368	5.977	0.0	51.329	5.911
4	2101	2102	SN	1	0.0	43.745	2.274	0.0	47.767	2.451	0.0	48.896	1.869	0.0	41.647	2.243	0.0	45.844	2.439	0.0	46.231	2.281	0.0	49.713	2.079	0.0	38.447	1.841
5	2101	2102	SN	1	0.0	53.45	7.386	0.0	53.964	8.497	0.0	47.493	6.439	0.0	44.391	7.282	0.0	56.646	7.675	0.0	53.494	8.185	0.0	44.534	6.816	0.0	42.047	6.256
6	2101	2102	NS	1	0.0	50.027	2.345	0.0	48.792	2.607	0.0	42.642	1.962	0.0	41.559	2.625	0.0	47.36	2.216	0.0	46.06	2.226	0.0	44.16	1.927	0.0	41.07	1.8
7	2102	2103	SN	1	0.0	43.342	2.099	0.0	41.659	2.601	0.0	36.285	1.911	0.0	43.497	2.842	0.0	40.293	2.353	0.0	40.471	2.58	0.0	36.043	2.319	0.0	37.072	2.569
8	2102	2103	NS	1	0.0	55.479	1.749	0.0	43.129	2.105	0.0	42.572	1.661	0.0	44.393	2.297	0.0	52.169	1.734	0.0	44.328	1.792	0.0	41.752	1.684	0.0	44.311	1.571
9	2102	2103	SN	1	0.0	54.168	6.476	0.0	48.531	7.807	0.0	46.136	5.729	0.0	44.707	8.409	0.0	58.068	7.262	0.0	48.328	8.059	0.0	44.302	6.972	0.0	41.956	7.527
10	2102	2103	NS	1	0.0	55.185	5.32	0.0	53.356	6.169	0.0	43.469	4.769	0.0	45.449	6.558	0.0	56.458	5.445	0.0	50.315	5.393	0.0	44.532	5.032	0.0	47.757	4.966
11	2103	2104	SN	1	0.0	47.501	4.402	0.0	53.37	5.486	0.0	43.599	4.227	0.0	40.295	6.55	0.0	44.88	4.319	0.0	51.469	4.655	0.0	43.133	4.398	0.0	37.026	4.621
12	2103	2104	NS	1	0.0	45.545	5.928	0.0	54.082	7.616	0.0	45.578	4.918	0.0	40.544	7.567	0.0	44.713	5.745	0.0	53.334	6.974	0.0	42.778	5.173	0.0	40.665	5.748
13	2103	2104	SN	1	0.0	44.288	1.486	0.0	48.076	1.91	0.0	36.57	1.49	0.0	38.596	2.545	0.0	46.047	1.43	0.0	43.107	1.519	0.0	37.764	1.506	0.0	37.242	1.608
14	2103	2104	NS	1	0.0	46.345	1.855	0.0	41.699	2.511	0.0	39.739	1.739	0.0	40.722	2.611	0.0	44.498	1.848	0.0	40.523	2.197	0.0	40.503	1.812	0.0	38.84	1.801
15	2104	2105	SN	1	0.0	44.766	3.904	0.0	42.688	5.456	0.0	38.74	4.174	0.0	46.108	6.288	0.0	47.399	3.681	0.0	41.212	4.333	0.0	37.127	4.032	0.0	41.337	4.23
16	2104	2105	SN	1	0.0	43.087	1.213	0.0	42.733	1.725	0.0	35.561	1.39	0.0	42.75	2.367	0.0	40.753	1.132	0.0	40.575	1.325	0.0	34.729	1.337	0.0	37.796	1.496
17	2104	2105	NS	1	0.0	40.261	1.222	0.0	45.417	1.322	0.0	45.193	1.035	0.0	42.04	1.556	0.0	42.476	1.108	0.0	42.963	1.066	0.0	44.421	0.968	0.0	39.83	1.045
18	2104	2105	NS	1	0.0	47.812	4.41	0.0	48.641	5.02	0.0	42.136	3.831	0.0	46.888	5.28	0.0	47.928	4.226	0.0	48.686	4.295	0.0	40.024	3.654	0.0	49.15	3.411
19	2105	2106	NS	1	0.0	56.034	5.06	0.0	54.199	5.714	0.0	46.197	4.549	0.0	48.37	6.659	0.0	55.625	4.86	0.0	52.834	4.746	0.0	47.833	4.109	0.0	47.404	4.306
20	2105	2106	SN	1	0.0	46.056	2.919	0.0	44.099	3.801	0.0	40.575	2.882	0.0	40.48	4.966	0.0	45.707	2.638	0.0	42.951	2.961	0.0	40.647	2.627	0.0	38.162	2.872
21	2105	2106	SN	1	0.0	42.349	0.84	0.0	39.798	1.227	0.0	38.069	0.978	0.0	43.089	1.961	0.0	44.765	0.765	0.0	38.339	0.913	0.0	36.41	0.849	0.0	36.85	1.039
22	2105	2106	NS	1	0.0	44.216	1.552	0.0	44.905	1.662	0.0	39.227	1.354	0.0	42.146	2.177	0.0	45.5	1.466	0.0	45.348	1.295	0.0	38.633	1.197	0.0	38.106	1.245
23	2106	2107	SN	1	0.0	42.725	2.892	0.0	54.753	2.75	0.0	43.882	2.251	0.0	44.241	2.959	0.0	46.833	2.955	0.0	52.735	2.48	0.0	46.662	2.597	0.0	40.473	2.301
24	2106	2107	SN	1	0.0	53.61	8.708	0.0	53.464	8.708	0.0	42.841	6.963	0.0	50.293	8.774	0.0	53.418	8.881	0.0	55.251	8.217	0.0	45.993	7.659	0.0	50.635	7.424
25	2106	2107	NS	1	0.0	56.483	6.828	0.0	51.323	8.137	0.0	48.514	5.935	0.0	45.395	9.061	0.0	56.269	6.403	0.0	55.201	6.937	0.0	47.474	5.559	0.0	46.453	6.019
26	2106	2107	NS	1	0.0	50.26	2.035	0.0	47.009	2.509	0.0	45.267	1.893	0.0	41.354	3.07	0.0	49.652	1.974	0.0	48.669	2.0	0.0	46.747	1.746	0.0	37.724	1.89
27	2107	2108	NS	1	0.0	51.682	2.002	0.0	45.206	2.484	0.0	44.308	1.794	0.0	41.61	3.134	0.0	47.684	1.923	0.0	46.411	2.012	0.0	42.728	1.684	0.0	38.017	1.786
28	2107	2108	SN	1	0.0	52.032	2.515	0.0	54.867	2.283	0.0	40.794	1.889	0.0	46.012	2.373	0.0	52.703	2.559	0.0	51.486	2.022	0.0	43.12	2.051	0.0	46.849	1.861
29	2107	2108	SN	1	0.0	51.869	8.587	0.0	49.337	8.34	0.0	50.54	6.657	0.0	45.008	7.802	0.0	52.549	8.686	0.0	49.519	7.442	0.0	54.842	6.664	0.0	45.476	6.452
30	2107	2108	NS	1	0.0	52.49	6.603	0.0	52.975	8.228	0.0	47.298	5.487	0.0	39.264	8.613	0.0	51.451	6.395	0.0	50.922	6.961	0.0	52.714	5.7	0.0	37.465	5.479
31	2108	2109	NS	1	0.0	44.962	4.467	0.0	54.45	5.132	0.0	38.4	3.971	0.0	40.459	5.746	0.0	44.26	4.384	0.0	53.328	4.283	0.0	37.648	3.758	0.0	39.353	3.573

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

32	2108	2109	NS	1	0.0	49.45	1.27	0.0	50.946	1.59	0.0	42.898	1.232	0.0	40.254	2.097	0.0	50.08	1.196	0.0	55.166	1.235	0.0	40.96	1.163	0.0	39.159	1.144
33	2108	2109	SN	1	0.0	46.227	2.093	0.0	55.607	2.328	0.0	47.92	1.85	0.0	44.527	2.271	0.0	47.962	2.087	0.0	58.031	2.127	0.0	48.205	1.832	0.0	38.489	1.77
34	2108	2109	SN	1	0.0	52.694	6.625	0.0	56.608	7.187	0.0	50.913	5.724	0.0	51.348	6.739	0.0	51.613	6.674	0.0	54.658	6.539	0.0	49.187	5.71	0.0	46.852	5.753
35	2109	2110	NS	1	0.0	52.836	8.777	0.0	50.653	10.261	0.0	44.06	6.704	0.0	45.296	9.504	0.0	51.347	8.694	0.0	49.647	9.252	0.0	47.06	7.463	0.0	45.257	7.593
36	2109	2110	SN	1	0.0	49.707	4.731	0.0	49.541	5.791	0.0	41.866	4.305	0.0	46.876	6.403	0.0	48.758	4.541	0.0	50.936	5.093	0.0	41.075	4.376	0.0	40.986	4.74
37	2109	2110	SN	1	0.0	49.261	1.457	0.0	43.345	1.912	0.0	38.793	1.385	0.0	40.171	2.039	0.0	53.75	1.407	0.0	43.277	1.591	0.0	38.387	1.398	0.0	40.622	1.408
38	2109	2110	NS	1	0.0	46.571	2.844	0.0	50.528	3.156	0.0	42.544	2.346	0.0	46.67	3.352	0.0	45.506	2.891	0.0	49.255	2.826	0.0	44.887	2.537	0.0	39.864	2.389
39	2110	2111	SN	1	0.0	46.447	2.329	0.0	43.71	2.318	0.0	43.938	1.979	0.0	42.668	2.461	0.0	46.233	2.219	0.0	45.84	1.952	0.0	45.134	1.976	0.0	40.531	1.788
40	2110	2111	NS	1	0.0	41.822	2.182	0.0	49.651	2.312	0.0	39.775	2.062	0.0	43.412	2.777	0.0	43.171	2.451	0.0	45.074	2.356	0.0	39.096	2.47	0.0	38.099	2.361
41	2110	2111	SN	1	0.0	49.222	7.932	0.0	50.703	8.31	0.0	46.518	6.293	0.0	46.045	7.652	0.0	51.077	7.493	0.0	49.592	7.255	0.0	45.569	6.385	0.0	41.845	5.975
42	2110	2111	NS	1	0.0	48.293	6.577	0.0	49.721	7.776	0.0	49.277	5.824	0.0	41.972	7.473	0.0	51.666	7.068	0.0	49.624	7.759	0.0	49.461	6.683	0.0	38.646	6.876
43	2111	2112	SN	1	0.0	45.782	1.297	0.0	47.102	1.562	0.0	46.89	1.085	0.0	42.56	1.623	0.0	46.26	1.311	0.0	46.987	1.37	0.0	43.592	1.064	0.0	39.3	1.061
44	2111	2112	SN	1	0.0	51.828	4.631	0.0	51.436	5.435	0.0	46.747	3.913	0.0	47.002	5.325	0.0	50.868	4.433	0.0	51.072	4.587	0.0	45.179	3.778	0.0	40.655	3.969
45	2111	2112	NS	1	0.0	39.708	1.334	0.0	40.521	1.92	0.0	40.38	1.373	0.0	41.65	2.46	0.0	39.699	1.268	0.0	39.036	1.58	0.0	37.432	1.37	0.0	43.542	1.535
46	2111	2112	NS	1	0.0	50.049	4.684	0.0	46.548	6.008	0.0	39.583	3.97	0.0	44.945	6.478	0.0	51.87	4.35	0.0	44.914	5.192	0.0	41.117	3.942	0.0	42.026	4.659
47	2112	2113	NS	1	0.0	52.855	4.459	0.0	47.044	5.808	0.0	44.399	3.991	0.0	41.135	7.102	0.0	55.494	4.526	0.0	50.241	4.892	0.0	48.254	4.254	0.0	37.803	4.801
48	2112	2113	NS	1	0.0	42.278	1.374	0.0	44.45	2.119	0.0	37.54	1.414	0.0	39.433	2.702	0.0	40.238	1.338	0.0	45.289	1.639	0.0	37.416	1.403	0.0	37.424	1.592
49	2112	2113	SN	1	0.0	44.496	1.664	0.0	45.725	1.769	0.0	40.98	1.355	0.0	43.762	1.871	0.0	44.445	1.699	0.0	43.547	1.543	0.0	45.12	1.334	0.0	39.135	1.255
50	2112	2113	SN	1	0.0	57.047	5.533	0.0	53.136	6.348	0.0	44.145	4.532	0.0	46.214	5.889	0.0	56.903	5.409	0.0	50.7	5.741	0.0	42.131	4.29	0.0	44.146	4.233
51	2113	2114	NS	1	0.0	46.73	1.721	0.0	50.725	2.167	0.0	42.679	1.929	0.0	42.959	2.981	0.0	48.966	1.742	0.0	50.519	1.847	0.0	41.591	1.996	0.0	40.478	1.934
52	2113	2114	NS	1	0.0	48.713	5.542	0.0	51.914	6.544	0.0	44.213	5.822	0.0	42.841	8.384	0.0	49.561	5.567	0.0	55.687	5.935	0.0	43.306	5.964	0.0	42.51	6.174
53	2114	2115	NS	1	0.0	51.945	8.155	0.0	53.214	9.79	0.0	46.085	6.805	0.0	44.043	9.78	0.0	52.915	8.512	0.0	55.211	9.317	0.0	48.574	7.795	0.0	42.332	8.277
54	2115	2116	NS	1	0.0	52.191	2.983	0.0	47.977	3.113	0.0	48.345	2.325	0.0	46.774	3.189	0.0	49.105	2.96	0.0	47.78	2.663	0.0	45.746	2.252	0.0	40.3	2.084
55	2115	2116	SN	1	0.0	53.217	4.292	0.0	55.861	4.523	0.0	48.828	3.749	0.0	47.581	4.189	0.0	48.097	4.052	0.0	52.059	3.859	0.0	47.718	3.522	0.0	46.076	3.026
56	2115	2116	NS	1	0.0	52.866	9.452	0.0	55.858	10.447	0.0	47.788	7.643	0.0	47.671	9.892	0.0	55.221	9.077	0.0	54.18	9.439	0.0	47.7	7.544	0.0	45.365	7.208
57	2115	2116	SN	1	0.0	42.915	1.128	0.0	42.281	1.217	0.0	44.659	1.122	0.0	39.39	1.278	0.0	43.607	1.057	0.0	40.581	1.007	0.0	43.422	1.098	0.0	41.536	0.771
58	2116	2117	SN	1	0.0	43.146	2.146	0.0	41.067	2.565	0.0	44.858	2.042	0.0	38.469	2.662	0.0	39.858	2.342	0.0	43.188	2.436	0.0	40.149	2.348	0.0	38.39	2.362
59	2116	2117	SN	1	0.0	47.536	6.696	0.0	51.667	8.075	0.0	45.666	6.367	0.0	46.767	7.759	0.0	47.254	7.267	0.0	48.525	8.024	0.0	46.861	7.403	0.0	47.249	7.535
60	2116	2117	NS	1	0.0	49.015	1.978	0.0	45.64	2.058	0.0	42.332	1.511	0.0	45.895	2.219	0.0	48.724	2.039	0.0	44.048	1.787	0.0	40.879	1.606	0.0	46.781	1.507
61	2116	2117	NS	1	0.0	50.944	6.328	0.0	53.257	6.751	0.0	48.608	4.933	0.0	49.32	6.706	0.0	51.509	6.37	0.0	50.08	6.276	0.0	51.156	5.246	0.0	50.36	5.165
62	2117	2118	SN	1	0.0	43.611	1.873	0.0	40.097	2.334	0.0	41.11	1.717	0.0	39.382	2.832	0.0	44.296	1.863	0.0	41.026	2.063	0.0	38.382	1.912	0.0	36.861	2.072
63	2117	2118	NS	1	0.0	46.955	5.301	0.0	57.313	6.224	0.0	41.924	4.72	0.0	44.863	7.091	0.0	48.265	5.326	0.0	61.586	5.65	0.0	43.581	5.118	0.0	43.314	5.776
64	2117	2118	NS	1	0.0	45.457	1.637	0.0	47.578	1.984	0.0	38.345	1.633	0.0	43.398	2.348	0.0	49.742	1.734	0.0	49.119	1.838	0.0	37.316	1.768	0.0	36.363	1.849
65	2117	2118	SN	1	0.0	47.657	5.706	0.0	45.734	6.88	0.0	43.358	4.699	0.0	45.329	7.542	0.0	47.136	5.97	0.0	46.437	6.376	0.0	41.532	5.309	0.0	40.474	5.83
66	2118	2119	NS	1	0.0	47.898	3.742	0.0	47.949	6.032	0.0	44.399	3.745	0.0	44.204	6.401	0.0	44.895	3.417	0.0	50.404	5.015	0.0	48.118	3.319	0.0	46.88	3.943
67	2118	2119	NS	1	0.0	40.389	1.147	0.0	38.672	1.753	0.0	39.865	1.158	0.0	45.166	2.18	0.0	39.253	1.08	0.0	39.105	1.398	0.0	38.403	1.092	0.0	40.986	1.286

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

68	2118	2119	SN	1	0.0	46.676	6.88	0.0	48.064	7.612	0.0	41.034	6.295	0.0	41.016	7.951	0.0	43.717	7.099	0.0	44.003	6.809	0.0	41.511	7.049	0.0	37.873	6.634
69	2118	2119	SN	1	0.0	42.473	2.177	0.0	41.902	2.317	0.0	38.208	2.148	0.0	40.301	2.74	0.0	39.777	2.279	0.0	42.149	2.087	0.0	37.937	2.339	0.0	38.123	2.1
70	2119	2120	SN	1	0.0	42.993	1.069	0.0	42.982	1.556	0.0	36.987	1.151	0.0	39.096	2.181	0.0	45.888	0.971	0.0	41.989	1.23	0.0	37.324	1.046	0.0	33.549	1.272
71	2119	2120	NS	1	0.0	50.418	0.83	0.0	48.013	0.852	0.0	43.055	0.869	0.0	43.059	1.257	0.0	53.248	0.796	0.0	45.563	0.723	0.0	40.264	0.716	0.0	39.466	0.691
72	2119	2120	NS	1	0.0	50.836	3.109	0.0	49.679	3.333	0.0	39.725	2.843	0.0	46.908	4.141	0.0	54.119	2.934	0.0	47.161	2.983	0.0	38.648	2.509	0.0	43.152	2.557
73	2119	2120	SN	1	0.0	40.414	3.195	0.0	41.576	4.517	0.0	38.509	3.145	0.0	38.591	5.475	0.0	41.592	3.203	0.0	45.752	3.735	0.0	38.942	3.046	0.0	36.505	3.785
74	2120	2121	SN	1	0.0	46.885	1.243	0.0	38.174	1.313	0.0	36.435	1.299	0.0	40.835	2.086	0.0	42.65	1.167	0.0	38.133	0.993	0.0	39.013	1.167	0.0	36.259	1.201
75	2120	2121	NS	1	0.0	52.924	6.234	0.0	54.872	7.069	0.0	45.541	5.061	0.0	48.427	7.248	0.0	53.46	5.867	0.0	52.68	5.827	0.0	46.297	4.969	0.0	45.631	4.768
76	2120	2121	NS	1	0.0	50.477	1.878	0.0	43.112	2.188	0.0	42.145	1.596	0.0	46.998	2.613	0.0	49.477	1.779	0.0	41.526	1.767	0.0	43.958	1.564	0.0	40.986	1.501

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	2100	2101	SN	1	0.0	29.621	23.551	0.0	39.121	24.22	0.0	160.183	11.652	0.0	52.133	12.296	0.0	1.871	0.0	1.958	0.0	0.0	2.185	0.0	0.0	2.217	0.0	
2	2100	2101	SN	1	0.0	25.727	12.77	0.0	27.536	13.382	0.0	155.628	2.829	0.0	68.419	3.305	0.0	1.858	0.0	1.926	0.0	0.0	2.18	0.0	0.0	2.229	0.0	
3	2101	2102	NS	1	0.0	38.459	24.212	0.0	33.498	24.641	0.0	349.29	14.683	0.0	69.919	14.75	0.0	1.93	0.0	1.906	0.0	0.0	2.251	0.0	0.0	2.219	0.0	
4	2101	2102	SN	1	0.0	25.722	12.796	0.0	27.531	13.359	0.0	154.1	2.842	0.0	69.671	3.343	0.0	1.87	0.0	1.918	0.0	0.0	2.181	0.0	0.0	2.236	0.0	
5	2101	2102	SN	1	0.0	29.621	23.563	0.0	38.078	24.279	0.0	158.446	11.7	0.0	49.58	12.361	0.0	1.871	0.0	1.941	0.0	0.0	2.184	0.0	0.0	2.21	0.0	
6	2101	2102	NS	1	0.0	26.814	12.805	0.0	25.965	13.331	0.0	354.821	5.446	0.0	142.309	5.113	0.0	1.924	0.0	1.894	0.0	0.0	2.243	0.0	0.0	2.218	0.0	
7	2102	2103	SN	1	0.0	25.727	12.734	0.0	27.487	13.321	0.0	153.968	2.879	0.0	71.596	3.352	0.0	1.859	0.0	1.915	0.0	0.0	2.18	0.0	0.0	2.231	0.0	
8	2102	2103	NS	1	0.0	26.908	12.787	0.0	26.235	13.309	0.0	356.432	5.419	0.0	145.519	5.136	0.0	1.927	0.0	1.894	0.0	0.0	2.241	0.0	0.0	2.218	0.0	
9	2102	2103	SN	1	0.0	29.632	23.581	0.0	39.154	24.371	0.0	158.269	11.693	0.0	50.528	12.447	0.0	1.871	0.0	1.938	0.0	0.0	2.185	0.0	0.0	2.21	0.0	
10	2102	2103	NS	1	0.0	38.475	24.247	0.0	37.458	24.742	0.0	349.422	14.627	0.0	79.394	14.544	0.0	1.932	0.0	1.909	0.0	0.0	2.251	0.0	0.0	2.219	0.0	
11	2103	2104	SN	1	0.0	32.572	23.606	0.0	38.434	24.221	0.0	147.863	11.8	0.0	40.006	12.293	0.0	1.871	0.0	1.938	0.0	0.0	2.186	0.0	0.0	2.21	0.0	
12	2103	2104	NS	1	0.0	38.464	24.254	0.0	33.096	24.741	0.0	354.612	14.554	0.0	79.973	14.488	0.0	1.933	0.0	1.909	0.0	0.0	2.248	0.0	0.0	2.219	0.0	
13	2103	2104	SN	1	0.0	25.783	12.773	0.0	27.514	13.285	0.0	149.313	2.918	0.0	71.96	3.33	0.0	1.861	0.0	1.914	0.0	0.0	2.18	0.0	0.0	2.23	0.0	
14	2103	2104	NS	1	0.0	26.847	12.797	0.0	26.897	13.244	0.0	323.022	5.391	0.0	134.638	5.112	0.0	1.925	0.0	1.893	0.0	0.0	2.241	0.0	0.0	2.219	0.0	
15	2104	2105	SN	1	0.0	32.516	23.666	0.0	38.434	24.237	0.0	175.217	11.777	0.0	207.047	12.334	0.0	1.875	0.0	1.941	0.0	0.0	2.183	0.0	0.0	2.229	0.0	
16	2104	2105	SN	1	0.0	25.921	12.798	0.0	27.487	13.311	0.0	162.499	2.918	0.0	135.451	3.324	0.0	1.859	0.0	1.909	0.0	0.0	2.18	0.0	0.0	2.225	0.0	
17	2104	2105	NS	1	0.0	26.833	12.819	0.0	26.406	13.269	0.0	311.595	5.393	0.0	139.827	5.087	0.0	1.924	0.0	1.894	0.0	0.0	2.241	0.0	0.0	2.218	0.0	
18	2104	2105	NS	1	0.0	38.106	24.233	0.0	33.206	24.808	0.0	144.264	14.615	0.0	81.401	14.434	0.0	1.927	0.0	1.906	0.0	0.0	2.249	0.0	0.0	2.22	0.0	
19	2105	2106	NS	1	0.0	38.398	24.208	0.0	33.184	24.723	0.0	118.559	14.643	0.0	73.598	14.412	0.0	1.926	0.0	1.906	0.0	0.0	2.25	0.0	0.0	2.218	0.0	
20	2105	2106	SN	1	0.0	32.505	23.635	0.0	38.44	24.287	0.0	177.947	11.791	0.0	61.294	12.39	0.0	1.873	0.0	1.932	0.0	0.0	2.182	0.0	0.0	2.227	0.0	
21	2105	2106	SN	1	0.0	25.97	12.788	0.0	27.52	13.308	0.0	162.522	2.939	0.0	80.718	3.354	0.0	1.869	0.0	1.912	0.0	0.0	2.18	0.0	0.0	2.232	0.0	
22	2105	2106	NS	1	0.0	26.599	12.813	0.0	26.406	13.265	0.0	351.562	5.385	0.0	141.195	5.126	0.0	1.925	0.0	1.891	0.0	0.0	2.241	0.0	0.0	2.218	0.0	
23	2106	2107	SN	1	0.0	25.981	12.818	0.0	27.503	13.298	0.0	138.62	2.916	0.0	70.167	3.356	0.0	1.859	0.0	1.912	0.0	0.0	2.181	0.0	0.0	2.232	0.0	
24	2106	2107	SN	1	0.0	32.45	23.642	0.0	38.489	24.185	0.0	160.365	11.726	0.0	51.995	12.375	0.0	1.873	0.0	1.929	0.0	0.0	2.183	0.0	0.0	2.227	0.0	
25	2106	2107	NS	1	0.0	38.393	24.235	0.0	33.145	24.746	0.0	145.582	14.679	0.0	76.162	14.518	0.0	1.938	0.0	1.906	0.0	0.0	2.25	0.0	0.0	2.219	0.0	
26	2106	2107	NS	1	0.0	26.778	12.802	0.0	25.97	13.286	0.0	351.623	5.407	0.0	142.894	5.113	0.0	1.924	0.0	1.894	0.0	0.0	2.241	0.0	0.0	2.218	0.0	
27	2107	2108	NS	1	0.0	26.767	12.801	0.0	25.97	13.306	0.0	349.753	5.414	0.0	88.097	5.168	0.0	1.925	0.0	1.894	0.0	0.0	2.242	0.0	0.0	2.219	0.0	
28	2107	2108	SN	1	0.0	25.887	12.814	0.0	27.503	13.339	0.0	139.491	2.906	0.0	79.714	3.31	0.0	1.868	0.0	1.928	0.0	0.0	2.179	0.0	0.0	2.219	0.0	
29	2107	2108	SN	1	0.0	32.428	23.627	0.0	38.495	24.189	0.0	146.021	11.687	0.0	58.023	12.296	0.0	1.871	0.0	1.951	0.0	0.0	2.181	0.0	0.0	2.229	0.0	
30	2107	2108	NS	1	0.0	38.415	24.22	0.0	33.134	24.719	0.0	351.082	14.663	0.0	78.473	14.589	0.0	1.928	0.0	1.906	0.0	0.0	2.25	0.0	0.0	2.219	0.0	
31	2108	2109	NS	1	0.0	38.431	24.146	0.0	33.145	24.754	0.0	351.998	14.598	0.0	80.116	14.596	0.0	1.929	0.0	1.906	0.0	0.0	2.253	0.0	0.0	2.219	0.0	

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

32	2108	2109	NS	1	0.0	26.894	12.782	0.0	25.97	13.265	0.0	353.558	5.421	0.0	147.405	5.171	0.0	1.924	0.0	0.0	1.89	0.0	0.0	2.243	0.0	0.0	2.219	0.0
33	2108	2109	SN	1	0.0	26.014	12.792	0.0	27.514	13.298	0.0	143.737	2.866	0.0	50.821	3.257	0.0	1.861	0.0	0.0	1.918	0.0	0.0	2.177	0.0	0.0	2.225	0.0
34	2108	2109	SN	1	0.0	32.516	23.588	0.0	39.024	24.196	0.0	144.493	11.662	0.0	55.839	12.206	0.0	1.872	0.0	0.0	1.932	0.0	0.0	2.184	0.0	0.0	2.212	0.0
35	2109	2110	NS	1	0.0	38.453	24.239	0.0	32.947	24.706	0.0	356.685	14.636	0.0	84.964	14.533	0.0	1.939	0.0	0.0	1.905	0.0	0.0	2.25	0.0	0.0	2.219	0.0
36	2109	2110	SN	1	0.0	32.472	23.58	0.0	39.041	24.211	0.0	149.23	11.678	0.0	56.126	12.192	0.0	1.872	0.0	0.0	1.931	0.0	0.0	2.182	0.0	0.0	2.212	0.0
37	2109	2110	SN	1	0.0	26.031	12.8	0.0	27.492	13.356	0.0	151.894	2.882	0.0	51.135	3.278	0.0	1.868	0.0	0.0	1.919	0.0	0.0	2.177	0.0	0.0	2.226	0.0
38	2109	2110	NS	1	0.0	26.908	12.787	0.0	25.965	13.269	0.0	356.685	5.4	0.0	76.493	5.162	0.0	1.924	0.0	0.0	1.894	0.0	0.0	2.241	0.0	0.0	2.219	0.0
39	2110	2111	SN	1	0.0	25.959	12.788	0.0	27.514	13.321	0.0	169.344	2.902	0.0	49.061	3.303	0.0	1.858	0.0	0.0	1.914	0.0	0.0	2.178	0.0	0.0	2.233	0.0
40	2110	2111	NS	1	0.0	26.897	12.801	0.0	25.965	13.27	0.0	356.741	5.441	0.0	76.609	5.135	0.0	1.923	0.0	0.0	1.891	0.0	0.0	2.243	0.0	0.0	2.22	0.0
41	2110	2111	SN	1	0.0	32.423	23.555	0.0	39.024	24.283	0.0	169.344	11.662	0.0	56.402	12.249	0.0	1.872	0.0	0.0	1.931	0.0	0.0	2.182	0.0	0.0	2.212	0.0
42	2110	2111	NS	1	0.0	38.487	24.264	0.0	32.947	24.694	0.0	356.741	14.652	0.0	75.936	14.455	0.0	1.938	0.0	0.0	1.904	0.0	0.0	2.25	0.0	0.0	2.22	0.0
43	2111	2112	SN	1	0.0	25.97	12.773	0.0	27.448	13.301	0.0	177.87	2.894	0.0	82.449	3.354	0.0	1.874	0.0	0.0	1.913	0.0	0.0	2.179	0.0	0.0	2.233	0.0
44	2111	2112	SN	1	0.0	32.428	23.586	0.0	38.975	24.273	0.0	140.621	11.704	0.0	56.871	12.349	0.0	1.873	0.0	0.0	1.928	0.0	0.0	2.182	0.0	0.0	2.214	0.0
45	2111	2112	NS	1	0.0	26.875	12.785	0.0	25.97	13.267	0.0	353.917	5.42	0.0	77.122	5.153	0.0	1.924	0.0	0.0	1.892	0.0	0.0	2.242	0.0	0.0	2.219	0.0
46	2111	2112	NS	1	0.0	38.498	24.219	0.0	32.974	24.725	0.0	342.341	14.631	0.0	76.741	14.518	0.0	1.928	0.0	0.0	1.906	0.0	0.0	2.25	0.0	0.0	2.22	0.0
47	2112	2113	NS	1	0.0	38.442	24.246	0.0	33.096	24.683	0.0	352.29	14.588	0.0	72.666	14.567	0.0	1.939	0.0	0.0	1.907	0.0	0.0	2.251	0.0	0.0	2.219	0.0
48	2112	2113	NS	1	0.0	26.83	12.8	0.0	25.965	13.27	0.0	354.038	5.42	0.0	131.588	5.183	0.0	1.925	0.0	0.0	1.892	0.0	0.0	2.245	0.0	0.0	2.219	0.0
49	2112	2113	SN	1	0.0	25.943	12.791	0.0	27.47	13.325	0.0	137.638	2.878	0.0	38.963	3.326	0.0	1.859	0.0	0.0	1.913	0.0	0.0	2.179	0.0	0.0	2.234	0.0
50	2112	2113	SN	1	0.0	32.428	23.569	0.0	38.977	24.244	0.0	138.261	11.727	0.0	57.549	12.248	0.0	1.871	0.0	0.0	1.936	0.0	0.0	2.184	0.0	0.0	2.215	0.0
51	2113	2114	NS	1	0.0	26.759	12.773	0.0	25.965	13.253	0.0	354.165	5.442	0.0	117.023	5.178	0.0	1.925	0.0	0.0	1.892	0.0	0.0	2.243	0.0	0.0	2.219	0.0
52	2113	2114	NS	1	0.0	38.398	24.208	0.0	33.278	24.658	0.0	306.141	14.604	0.0	85.747	14.572	0.0	1.935	0.0	0.0	1.906	0.0	0.0	2.251	0.0	0.0	2.22	0.0
53	2114	2115	NS	1	0.0	38.059	25.198	0.0	30.013	24.206	0.0	75.754	16.408	0.0	15.486	14.143	0.0	1.936	0.0	0.0	1.908	0.0	0.0	2.252	0.0	0.0	2.22	0.0
54	2115	2116	NS	1	0.0	26.844	12.783	0.0	25.965	13.253	0.0	356.261	5.419	0.0	139.166	5.196	0.0	1.925	0.0	0.0	1.892	0.0	0.0	2.242	0.0	0.0	2.22	0.0
55	2115	2116	SN	1	0.0	29.632	23.594	0.0	38.073	24.296	0.0	164.882	11.631	0.0	55.365	12.393	0.0	1.87	0.0	0.0	1.949	0.0	0.0	2.184	0.0	0.0	2.251	0.0
56	2115	2116	NS	1	0.0	38.437	24.204	0.0	33.096	24.777	0.0	130.653	14.569	0.0	74.111	14.572	0.0	1.926	0.0	0.0	1.907	0.0	0.0	2.251	0.0	0.0	2.22	0.0
57	2115	2116	SN	1	0.0	25.733	12.748	0.0	27.44	13.329	0.0	159.692	2.91	0.0	74.386	3.365	0.0	1.858	0.0	0.0	1.927	0.0	0.0	2.18	0.0	0.0	2.218	0.0
58	2116	2117	SN	1	0.0	25.727	12.739	0.0	138.074	13.316	0.0	155.176	2.919	0.0	70.388	3.39	0.0	1.87	0.0	0.0	1.915	0.0	0.0	2.186	0.0	0.0	2.221	0.0
59	2116	2117	SN	1	0.0	29.627	23.611	0.0	243.625	24.3	0.0	164.231	11.69	0.0	50.137	12.426	0.0	1.871	0.0	0.0	1.952	0.0	0.0	2.188	0.0	0.0	2.21	0.0
60	2116	2117	NS	1	0.0	26.731	12.8	0.0	25.959	13.23	0.0	351.005	5.367	0.0	139.927	5.163	0.0	1.925	0.0	0.0	1.892	0.0	0.0	2.243	0.0	0.0	2.218	0.0
61	2116	2117	NS	1	0.0	38.398	24.212	0.0	37.651	24.735	0.0	342.749	14.571	0.0	68.8	14.649	0.0	1.936	0.0	0.0	1.907	0.0	0.0	2.25	0.0	0.0	2.22	0.0
62	2117	2118	SN	1	0.0	25.733	12.729	0.0	27.459	13.309	0.0	154.839	2.965	0.0	66.428	3.413	0.0	1.857	0.0	0.0	1.929	0.0	0.0	2.187	0.0	0.0	2.215	0.0
63	2117	2118	NS	1	0.0	38.371	24.239	0.0	33.145	24.79	0.0	106.012	14.514	0.0	69.776	14.757	0.0	1.931	0.0	0.0	1.907	0.0	0.0	2.249	0.0	0.0	2.219	0.0
64	2117	2118	NS	1	0.0	26.77	12.803	0.0	25.954	13.164	0.0	356.404	5.342	0.0	153.863	5.163	0.0	1.926	0.0	0.0	1.893	0.0	0.0	2.242	0.0	0.0	2.218	0.0
65	2117	2118	SN	1	0.0	29.638	23.576	0.0	38.335	24.308	0.0	159.83	11.676	0.0	39.107	12.44	0.0	1.872	0.0	0.0	1.951	0.0	0.0	2.187	0.0	0.0	2.219	0.0
66	2118	2119	NS	1	0.0	38.338	24.187	0.0	33.151	24.835	0.0	127.978	14.491	0.0	77.679	14.691	0.0	1.932	0.0	0.0	1.907	0.0	0.0	2.25	0.0	0.0	2.219	0.0
67	2118	2119	NS	1	0.0	26.781	12.787	0.0	25.948	13.154	0.0	316.867	5.341	0.0	154.696	5.115	0.0	1.924	0.0	0.0	1.894	0.0	0.0	2.241	0.0	0.0	2.218	0.0
68	2118	2119	SN	1	0.0	32.566	23.649	0.0	34.667	24.055	0.0	182.58	11.881	0.0	17.67	11.974	0.0	1.872	0.0	0.0	1.957	0.0	0.0	2.187	0.0	0.0	2.213	0.0

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

69	2118	2119	SN	1	0.0	25.738	12.776	0.0	27.459	13.301	0.0	172.813	2.988	0.0	67.283	3.44	0.0	1.872	0.0	0.0	1.917	0.0	0.0	2.185	0.0	0.0	2.231	0.0
70	2119	2120	SN	1	0.0	25.739	12.794	0.0	27.476	13.296	0.0	162.45	2.987	0.0	68.954	3.442	0.0	1.859	0.0	0.0	1.917	0.0	0.0	2.182	0.0	0.0	2.23	0.0
71	2119	2120	NS	1	0.0	26.808	12.791	0.0	25.948	13.159	0.0	339.175	5.334	0.0	156.543	5.113	0.0	1.925	0.0	0.0	1.893	0.0	0.0	2.241	0.0	0.0	2.218	0.0
72	2119	2120	NS	1	0.0	38.376	24.212	0.0	33.156	24.804	0.0	350.354	14.476	0.0	86.552	14.725	0.0	1.936	0.0	0.0	1.907	0.0	0.0	2.249	0.0	0.0	2.219	0.0
73	2119	2120	SN	1	0.0	29.643	23.637	0.0	38.15	24.335	0.0	164.325	11.801	0.0	59.821	12.554	0.0	1.872	0.0	0.0	1.96	0.0	0.0	2.185	0.0	0.0	2.213	0.0
74	2120	2121	SN	1	0.0	25.821	12.886	0.0	26.979	13.216	0.0	155.953	3.02	0.0	12.039	3.134	0.0	1.858	0.0	0.0	1.917	0.0	0.0	2.182	0.0	0.0	2.231	0.0
75	2120	2121	NS	1	0.0	38.354	24.244	0.0	33.266	24.808	0.0	118.151	14.538	0.0	80.221	14.631	0.0	1.926	0.0	0.0	1.907	0.0	0.0	2.249	0.0	0.0	2.218	0.0
76	2120	2121	NS	1	0.0	26.72	12.791	0.0	25.948	13.18	0.0	351.303	5.318	0.0	137.588	5.131	0.0	1.924	0.0	0.0	1.893	0.0	0.0	2.241	0.0	0.0	2.218	0.0

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