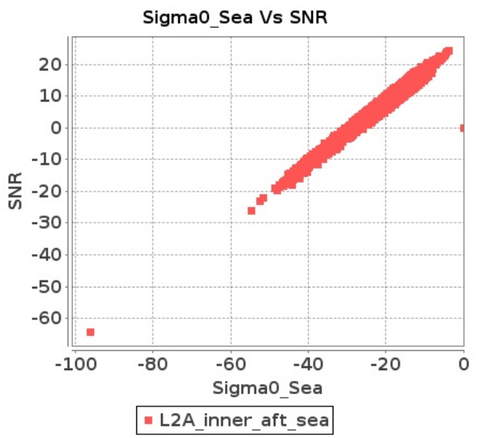
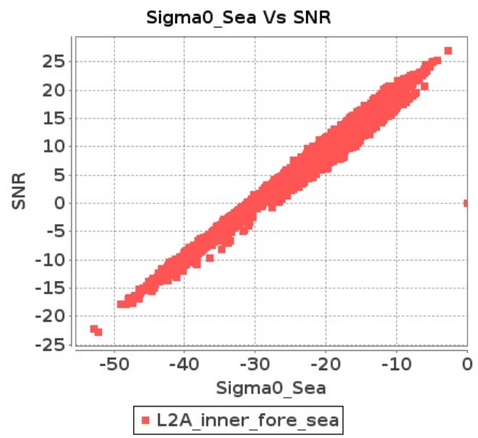
SCATSAT-1 Scatterometer Level-2A Data Quality Cycle wise Report

Report between 02-AUG-2017 To 03-AUG-2017

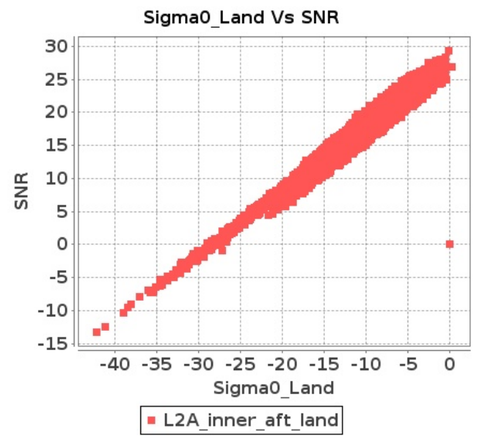
Inner Sea Aft Sigma0VsSNR



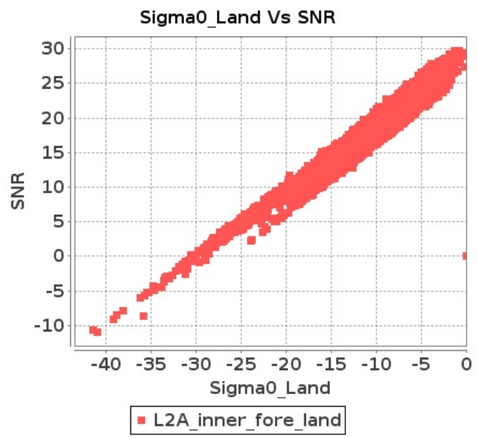
Inner Sea Fore Sigma0VsSNR



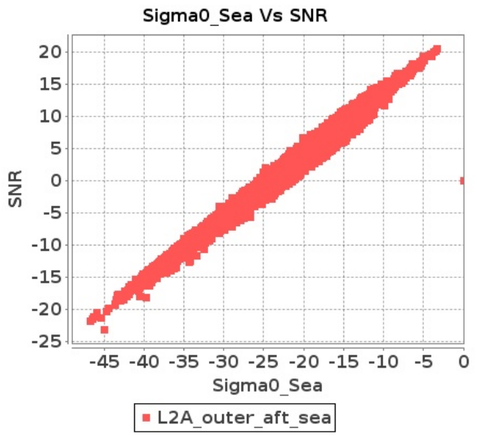
Inner Land Aft Sigma0VsSNR



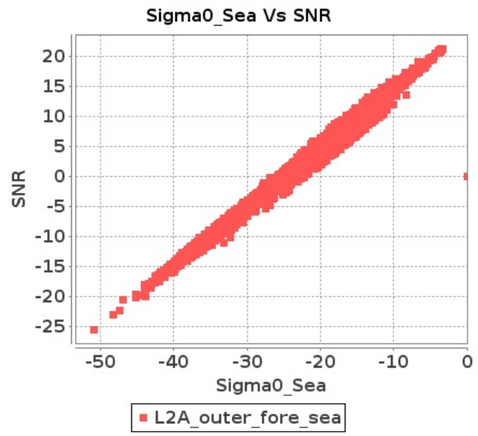
Inner Land Fore Sigma0VsSNR



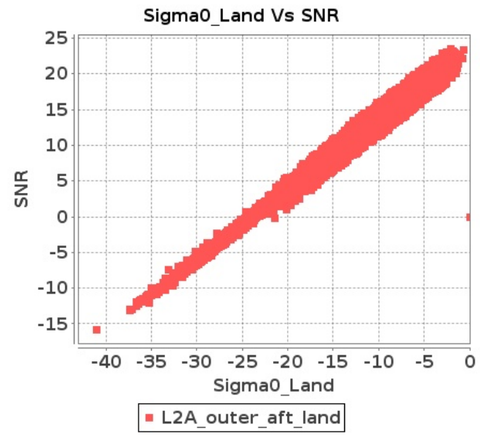
Outer Sea Aft Sigma0VsSNR



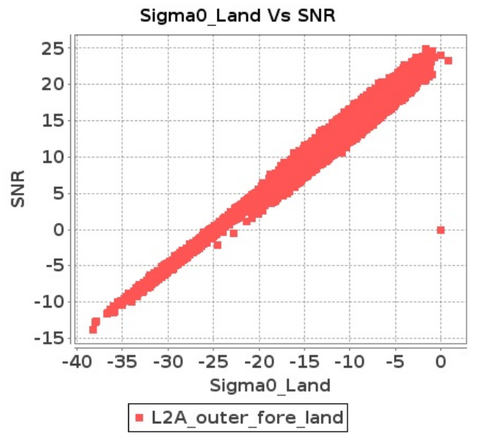
Outer Sea Fore Sigma0VsSNR



Outer Land Aft Sigma0VsSNR



Outer Land Fore Sigma0VsSNR



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

Report between 02-AUG-2017 To 03-AUG-2017

					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	4492	4493	NS	1	0.0	52.224	2.451	0.0	49.914	2.084	0.0	47.479	1.378	0.0	45.643	1.363	0.0	51.114	2.084	0.0	48.831	1.826	0.0	48.741	1.185	0.0	43.749	1.109
2	4492	4493	SN	1	0.0	52.983	2.517	0.0	50.896	2.295	0.0	45.494	1.454	0.0	40.666	1.446	0.0	51.43	2.249	0.0	54.463	2.087	0.0	40.759	1.353	0.0	40.678	1.263
3	4492	4493	SN	1	0.0	56.575	8.438	0.0	54.894	7.575	0.0	46.777	5.467	0.0	46.888	5.137	0.0	54.027	7.664	0.0	53.587	7.141	0.0	45.045	4.949	0.0	47.346	4.731
4	4492	4493	NS	1	0.0	53.681	9.051	0.0	55.766	7.834	0.0	43.93	4.612	0.0	49.637	5.025	0.0	51.689	7.953	0.0	56.25	7.1	0.0	46.061	3.977	0.0	49.597	4.405
5	4493	4494	SN	1	0.0	49.482	1.985	0.0	46.404	1.715	0.0	42.403	1.378	0.0	40.417	1.427	0.0	47.403	1.889	0.0	44.503	1.594	0.0	40.769	1.298	0.0	40.246	1.269
6	4493	4494	SN	1	0.0	49.052	6.553	0.0	47.587	5.34	0.0	41.422	4.619	0.0	43.8	4.229	0.0	49.577	6.298	0.0	47.197	5.033	0.0	39.916	4.368	0.0	42.377	4.042
7	4493	4494	NS	1	0.0	45.114	3.905	0.0	47.27	3.672	0.0	43.687	2.487	0.0	50.109	2.253	0.0	44.99	3.211	0.0	45.982	3.048	0.0	41.981	1.967	0.0	52.036	1.804
8	4493	4494	SN	1	0.0	49.052	6.439	0.0	47.587	5.335	0.0	42.448	4.588	0.0	43.8	4.193	0.0	49.577	6.228	0.0	47.197	5.028	0.0	38.814	4.347	0.0	42.377	4.013
9	4493	4494	NS	1	0.0	51.128	1.143	0.0	39.546	0.879	0.0	40.367	0.681	0.0	40.494	0.694	0.0	51.457	0.84	0.0	39.316	0.7	0.0	41.594	0.514	0.0	39.657	0.507
10	4493	4494	SN	1	0.0	49.482	1.954	0.0	46.404	1.721	0.0	42.403	1.363	0.0	40.417	1.426	0.0	47.403	1.866	0.0	44.503	1.593	0.0	40.769	1.278	0.0	40.246	1.276
11	4494	4495	NS	1	0.0	50.59	1.721	0.0	48.215	1.216	0.0	44.733	1.253	0.0	38.94	1.059	0.0	48.281	1.503	0.0	47.584	1.101	0.0	43.137	1.142	0.0	36.255	0.922
12	4494	4495	NS	1	0.0	41.186	5.464	0.0	49.363	4.536	0.0	39.568	3.499	0.0	41.209	3.485	0.0	42.416	4.941	0.0	50.865	4.103	0.0	38.923	3.442	0.0	42.0	3.05
13	4494	4495	SN	1	0.0	47.645	8.404	0.0	49.003	7.633	0.0	45.128	6.675	0.0	44.202	6.827	0.0	46.275	7.71	0.0	49.571	6.937	0.0	43.925	6.767	0.0	42.353	6.485
14	4494	4495	SN	1	0.0	45.087	2.917	0.0	46.639	2.699	0.0	41.461	2.431	0.0	40.76	2.399	0.0	45.328	2.678	0.0	45.869	2.428	0.0	42.589	2.259	0.0	36.672	2.19
15	4495	4496	NS	1	0.0	50.701	5.888	0.0	48.961	5.22	0.0	43.904	4.112	0.0	44.086	3.728	0.0	52.493	5.294	0.0	46.801	4.496	0.0	42.22	3.799	0.0	45.32	3.4
16	4495	4496	SN	1	0.0	42.413	3.033	0.0	40.276	2.602	0.0	38.734	2.237	0.0	39.235	2.231	0.0	40.097	2.839	0.0	40.796	2.397	0.0	35.708	2.108	0.0	36.881	1.997
17	4495	4496	NS	1	0.0	54.618	5.927	0.0	56.537	5.025	0.0	45.336	3.932	0.0	48.344	3.798	0.0	55.054	5.192	0.0	55.24	4.563	0.0	42.979	3.683	0.0	45.556	3.463
18	4495	4496	SN	1	0.0	42.413	3.024	0.0	40.276	2.631	0.0	38.734	2.233	0.0	39.235	2.256	0.0	40.097	2.839	0.0	40.796	2.424	0.0	35.708	2.106	0.0	36.881	2.019
19	4495	4496	SN	1	0.0	42.413	3.037	0.0	40.276	2.648	0.0	38.734	2.257	0.0	39.235	2.27	0.0	40.097	2.847	0.0	40.864	2.446	0.0	35.708	2.126	0.0	36.881	2.023
20	4495	4496	SN	1	0.0	46.257	8.351	0.0	46.822	7.915	0.0	42.218	6.583	0.0	40.275	6.291	0.0	44.718	7.908	0.0	50.215	7.552	0.0	44.539	6.35	0.0	38.567	6.057
21	4495	4496	SN	1	0.0	46.257	8.525	0.0	46.822	7.848	0.0	42.222	6.578	0.0	40.275	6.229	0.0	44.718	8.083	0.0	50.215	7.464	0.0	44.542	6.351	0.0	38.567	5.98
22	4495	4496	NS	1	0.0	53.096	1.56	0.0	48.135	1.327	0.0	46.087	1.197	0.0	40.847	1.08	0.0	53.313	1.385	0.0	48.82	1.121	0.0	50.126	1.085	0.0	39.837	0.987
23	4495	4496	NS	1	0.0	51.419	1.556	0.0	54.669	1.341	0.0	37.905	1.137	0.0	39.475	1.018	0.0	53.944	1.361	0.0	54.164	1.153	0.0	37.898	1.021	0.0	38.549	0.911
24	4495	4496	SN	1	0.0	46.257	8.527	0.0	46.822	7.933	0.0	42.222	6.592	0.0	40.275	6.3	0.0	44.718	8.084	0.0	50.215	7.545	0.0	44.542	6.344	0.0	38.567	6.048
25	4496	4497	NS	1	0.0	47.343	2.246	0.0	45.321	2.146	0.0	40.374	1.588	0.0	46.792	1.65	0.0	43.288	2.153	0.0	48.1	1.886	0.0	42.693	1.487	0.0	44.927	1.499
26	4496	4497	SN	1	0.0	44.014	2.446	0.0	40.341	2.191	0.0	39.195	1.96	0.0	43.477	1.93	0.0	43.359	2.239	0.0	41.706	1.951	0.0	39.783	1.778	0.0	41.311	1.686
27	4496	4497	SN	1	0.0	44.014	2.436	0.0	40.341	2.217	0.0	39.195	1.967	0.0	43.477	1.953	0.0	43.359	2.235	0.0	41.706	1.975	0.0	39.783	1.792	0.0	41.311	1.71
28	4496	4497	NS	1	0.0	47.637	6.389	0.0	50.284	5.941	0.0	44.029	5.564	0.0	50.086	6.014	0.0	48.82	5.936	0.0	50.703	5.569	0.0	43.786	5.436	0.0	52.435	5.6
29	4496	4497	NS	1	0.0	48.036	6.369	0.0	48.497	5.81	0.0	47.219	5.521	0.0	49.02	6.049	0.0	48.673	5.946	0.0	48.341	5.428	0.0	46.888	5.464	0.0	49.25	5.529
30	4496	4497	SN	1	0.0	43.946	2.424	0.0	45.292	2.144	0.0	39.773	1.936	0.0	46.026	1.896	0.0	43.165	2.224	0.0	42.372	1.909	0.0	41.435	1.754	0.0	43.862	1.678
31	4496	4497	SN	1	0.0	47.239	7.832	0.0	43.273	7.21	0.0	38.802	5.6	0.0	41.548	5.769	0.0	45.163	7.239	0.0	45.653	6.567	0.0	40.122	5.274	0.0	40.819	5.113

Parameter Specifications	Parameters	SNR	Sigma0
	Range	20.0	20.0

Normal Deviations

Alarming High Errors

32	4496	4497	SN	1	0.0	47.239	7.628	0.0	43.273	7.234	0.0	38.802	5.479	0.0	41.548	5.85	0.0	45.163	7.169	0.0	45.653	6.585	0.0	40.122	5.184	0.0	40.819	5.2
33	4496	4497	NS	1	0.0	46.644	2.28	0.0	49.643	2.135	0.0	48.831	1.606	0.0	41.832	1.675	0.0	42.689	2.144	0.0	47.231	1.897	0.0	49.665	1.503	0.0	44.087	1.499
34	4496	4497	SN	1	0.0	43.522	7.821	0.0	45.293	7.111	0.0	37.922	5.43	0.0	40.138	5.69	0.0	41.113	7.228	0.0	47.949	6.566	0.0	38.74	5.153	0.0	39.389	5.035
35	4497	4498	SN	1	0.0	45.471	4.317	0.0	49.068	4.024	0.0	41.426	2.908	0.0	43.079	2.97	0.0	45.793	4.2	0.0	51.472	4.028	0.0	43.461	2.889	0.0	43.243	2.946
36	4497	4498	SN	1	0.0	50.395	12.006	0.0	50.678	11.254	0.0	45.327	8.358	0.0	43.85	8.938	0.0	50.792	11.916	0.0	52.443	11.387	0.0	44.775	8.549	0.0	44.28	9.096
37	4497	4498	SN	1	0.0	50.395	12.004	0.0	50.678	11.153	0.0	45.327	8.358	0.0	43.85	8.851	0.0	50.792	11.913	0.0	52.443	11.264	0.0	44.775	8.549	0.0	44.28	9.007
38	4497	4498	SN	1	0.0	45.471	4.15	0.0	49.068	3.924	0.0	41.706	2.83	0.0	43.079	2.898	0.0	45.793	4.031	0.0	51.472	3.915	0.0	43.461	2.807	0.0	43.243	2.869
39	4497	4498	NS	1	0.0	51.825	2.596	0.0	50.988	2.219	0.0	39.524	1.951	0.0	47.227	1.794	0.0	50.109	2.291	0.0	50.297	2.083	0.0	42.539	1.864	0.0	47.288	1.748
40	4497	4498	NS	1	0.0	52.006	7.76	0.0	52.931	6.726	0.0	44.421	6.048	0.0	46.05	6.12	0.0	53.75	7.417	0.0	51.92	6.183	0.0	44.427	5.899	0.0	47.186	5.757
41	4497	4498	NS	1	0.0	52.006	7.78	0.0	51.962	6.286	0.0	48.706	6.238	0.0	48.421	5.837	0.0	53.502	7.256	0.0	52.121	5.652	0.0	49.137	6.024	0.0	48.461	5.338
42	4497	4498	SN	1	0.0	45.471	4.15	0.0	49.068	3.882	0.0	41.706	2.83	0.0	43.079	2.866	0.0	45.793	4.027	0.0	51.472	3.873	0.0	43.461	2.807	0.0	43.243	2.839
43	4497	4498	SN	1	0.0	50.395	12.232	0.0	50.678	11.551	0.0	45.327	8.538	0.0	43.85	9.174	0.0	50.792	12.242	0.0	52.443	11.721	0.0	44.775	8.771	0.0	44.28	9.369
44	4497	4498	NS	1	0.0	47.883	2.625	0.0	52.92	2.22	0.0	40.825	1.833	0.0	44.53	1.799	0.0	48.666	2.38	0.0	49.618	2.047	0.0	42.722	1.653	0.0	46.563	1.633
45	4498	4499	NS	1	0.0	42.188	2.787	0.0	41.531	2.529	0.0	39.306	2.156	0.0	40.013	2.065	0.0	41.397	2.642	0.0	40.144	2.359	0.0	39.324	1.987	0.0	40.549	1.892
46	4498	4499	SN	1	0.0	54.965	2.627	0.0	52.368	2.506	0.0	47.25	1.605	0.0	45.715	1.662	0.0	51.802	2.298	0.0	47.791	2.165	0.0	46.948	1.409	0.0	42.607	1.442
47	4498	4499	NS	1	0.0	48.584	8.494	0.0	46.181	7.701	0.0	43.197	6.562	0.0	44.913	6.028	0.0	48.614	8.192	0.0	49.145	7.51	0.0	40.99	6.384	0.0	42.932	5.807
48	4498	4499	NS	1	0.0	53.262	8.424	0.0	46.181	7.754	0.0	42.815	6.63	0.0	46.401	6.336	0.0	55.232	8.273	0.0	49.145	7.523	0.0	39.837	6.338	0.0	42.422	6.151
49	4498	4499	SN	1	0.0	56.414	8.687	0.0	58.788	8.169	0.0	50.364	5.111	0.0	46.365	5.236	0.0	56.384	7.581	0.0	58.258	7.516	0.0	50.679	4.629	0.0	47.171	4.811
50	4498	4499	SN	1	0.0	56.414	8.695	0.0	58.788	8.102	0.0	50.364	5.097	0.0	46.365	5.12	0.0	56.384	7.6	0.0	58.258	7.415	0.0	50.679	4.629	0.0	47.171	4.757
51	4498	4499	SN	1	0.0	54.965	2.58	0.0	52.368	2.516	0.0	47.25	1.586	0.0	45.715	1.594	0.0	51.802	2.261	0.0	47.791	2.169	0.0	46.948	1.39	0.0	42.607	1.381
52	4498	4499	SN	1	0.0	56.414	8.409	0.0	58.788	7.912	0.0	50.364	4.984	0.0	46.365	5.13	0.0	56.384	7.343	0.0	58.258	7.245	0.0	50.679	4.485	0.0	47.171	4.729
53	4498	4499	NS	1	0.0	45.836	2.921	0.0	49.518	2.532	0.0	38.946	2.08	0.0	43.74	1.98	0.0	45.126	2.792	0.0	49.399	2.417	0.0	41.702	1.965	0.0	41.673	1.875
54	4498	4499	SN	1	0.0	54.965	2.622	0.0	52.368	2.534	0.0	47.25	1.612	0.0	45.715	1.668	0.0	51.802	2.303	0.0	47.791	2.207	0.0	46.948	1.425	0.0	42.607	1.442
55	4499	4500	SN	1	0.0	45.587	1.326	0.0	53.361	1.372	0.0	47.168	0.787	0.0	46.277	0.865	0.0	42.953	1.126	0.0	48.82	1.178	0.0	48.922	0.663	0.0	45.744	0.702
56	4499	4500	NS	1	0.0	47.578	2.79	0.0	47.552	2.264	0.0	42.872	2.1	0.0	41.291	1.918	0.0	46.293	2.885	0.0	52.635	2.353	0.0	41.958	2.14	0.0	41.308	1.863
57	4499	4500	NS	1	0.0	55.386	8.477	0.0	47.641	7.07	0.0	46.829	6.533	0.0	42.199	5.944	0.0	54.004	8.497	0.0	49.25	7.06	0.0	48.873	6.875	0.0	44.146	5.972
58	4499	4500	NS	1	0.0	55.777	8.175	0.0	49.04	7.1	0.0	44.977	6.604	0.0	47.827	5.901	0.0	54.101	8.286	0.0	48.699	7.121	0.0	44.165	7.032	0.0	49.364	6.008
59	4499	4500	NS	1	0.0	50.678	2.83	0.0	51.017	2.276	0.0	48.188	2.149	0.0	39.626	1.902	0.0	52.048	2.91	0.0	56.101	2.31	0.0	47.273	2.142	0.0	39.165	1.818
60	4499	4500	SN	1	0.0	45.587	1.326	0.0	53.361	1.372	0.0	47.168	0.787	0.0	46.277	0.867	0.0	42.953	1.126	0.0	48.82	1.18	0.0	48.922	0.663	0.0	45.744	0.703
61	4499	4500	SN	1	0.0	49.188	4.634	0.0	47.819	5.222	0.0	47.149	2.9	0.0	41.169	3.377	0.0	49.22	4.232	0.0	49.234	4.626	0.0	49.072	2.481	0.0	42.841	2.764
62	4499	4500	SN	1	0.0	49.188	4.634	0.0	47.819	5.212	0.0	47.149	2.893	0.0	41.169	3.377	0.0	49.22	4.232	0.0	49.234	4.626	0.0	49.072	2.481	0.0	42.841	2.764
63	4500	4501	NS	1	0.0	46.033	3.078	0.0	52.946	2.734	0.0	42.064	2.219	0.0	40.972	1.892	0.0	43.074	2.884	0.0	49.762	2.424	0.0	43.285	2.1	0.0	39.9	1.749
64	4500	4501	SN	1	0.0	46.436	1.625	0.0	52.089	1.438	0.0	37.71	1.01	0.0	40.991	1.057	0.0	44.268	1.429	0.0	51.425	1.288	0.0	37.034	0.863	0.0	40.136	0.924
65	4500	4501	SN	1	0.0	56.547	4.966	0.0	55.271	4.656	0.0	41.78	3.453	0.0	42.959	3.619	0.0	55.865	4.534	0.0	54.457	4.242	0.0	42.854	3.07	0.0	42.705	3.512
66	4500	4501	NS	1	0.0	52.244	9.862	0.0	57.858	8.964	0.0	45.457	7.477	0.0	47.211	6.615	0.0	54.213	9.208	0.0	58.554	8.4	0.0	43.527	7.164	0.0	45.388	6.266
67	4501	4502	NS	1	0.0	48.78	2.514	0.0	44.252	2.123	0.0	40.149	1.753	0.0	42.314	1.543	0.0	48.082	2.279	0.0	44.188	1.948	0.0	39.183	1.672	0.0	42.718	1.353

Parameter Specifications	Parameters	SNR	Sigma0
	Range	20.0	20.0

Normal
Deviations
Alarming
High Errors

68	4501	4502	SN	1	0.0	45.72	1.783	0.0	52.996	1.788	0.0	42.114	1.262	0.0	41.531	1.339	0.0	45.186	1.621	0.0	53.069	1.643	0.0	41.754	1.192	0.0	44.725	1.277
69	4501	4502	SN	1	0.0	56.657	5.871	0.0	54.061	5.949	0.0	46.829	4.509	0.0	49.393	4.929	0.0	58.636	5.599	0.0	55.929	5.626	0.0	45.857	4.268	0.0	50.891	5.051
70	4501	4502	NS	1	0.0	51.792	7.326	0.0	53.893	6.438	0.0	44.458	5.105	0.0	46.931	5.154	0.0	49.114	6.571	0.0	56.192	5.734	0.0	42.993	4.92	0.0	45.975	4.726
71	4502	4503	NS	1	0.0	50.032	2.315	0.0	43.466	2.127	0.0	42.369	1.97	0.0	37.242	1.7	0.0	48.335	2.053	0.0	42.762	1.991	0.0	43.11	1.826	0.0	35.881	1.488
72	4502	4503	SN	1	0.0	52.44	7.579	0.0	53.571	7.657	0.0	45.234	5.806	0.0	48.099	6.112	0.0	55.015	7.047	0.0	51.135	6.869	0.0	48.446	5.473	0.0	44.861	5.628
73	4502	4503	NS	1	0.0	51.209	6.242	0.0	48.389	5.592	0.0	45.932	5.556	0.0	44.034	4.923	0.0	49.286	5.938	0.0	47.571	5.228	0.0	42.966	5.241	0.0	43.961	4.55
74	4502	4503	NS	1	0.0	50.032	2.331	0.0	43.466	2.141	0.0	42.369	1.984	0.0	37.242	1.71	0.0	48.335	2.067	0.0	42.762	2.004	0.0	43.11	1.839	0.0	35.881	1.497
75	4502	4503	SN	1	0.0	46.611	2.487	0.0	45.128	2.373	0.0	44.875	1.704	0.0	45.046	1.783	0.0	45.442	2.21	0.0	48.593	2.136	0.0	40.634	1.581	0.0	46.233	1.666
76	4502	4503	NS	1	0.0	51.209	6.199	0.0	48.389	5.563	0.0	45.932	5.518	0.0	44.034	4.897	0.0	49.286	5.897	0.0	47.571	5.201	0.0	42.966	5.205	0.0	43.961	4.527
77	4503	4504	NS	1	0.0	46.152	9.933	0.0	46.806	8.5	0.0	42.114	7.155	0.0	42.642	6.594	0.0	47.092	9.299	0.0	48.349	7.917	0.0	41.939	7.397	0.0	44.21	6.466
78	4503	4504	SN	1	0.0	56.074	6.29	0.0	51.09	6.354	0.0	46.043	5.298	0.0	48.075	5.093	0.0	56.771	5.707	0.0	50.697	5.919	0.0	43.526	4.95	0.0	47.194	4.494
79	4503	4504	NS	1	0.0	47.996	3.29	0.0	45.135	2.942	0.0	40.324	2.434	0.0	39.227	2.411	0.0	49.174	3.073	0.0	45.215	2.773	0.0	38.437	2.237	0.0	39.486	2.194
80	4503	4504	SN	1	0.0	45.751	1.879	0.0	48.588	1.946	0.0	42.994	1.566	0.0	42.829	1.486	0.0	46.556	1.716	0.0	45.916	1.736	0.0	42.689	1.536	0.0	40.764	1.318
81	4504	4505	SN	1	0.0	43.469	2.364	0.0	44.738	1.82	0.0	38.742	1.687	0.0	48.687	1.545	0.0	41.304	2.058	0.0	43.942	1.562	0.0	39.351	1.473	0.0	47.349	1.288
82	4504	4505	NS	1	0.0	50.092	3.617	0.0	46.158	2.822	0.0	40.449	2.332	0.0	43.692	2.535	0.0	50.744	3.229	0.0	43.518	2.532	0.0	38.114	2.276	0.0	43.0	2.313
83	4504	4505	NS	1	0.0	46.017	9.439	0.0	48.209	8.101	0.0	45.462	7.564	0.0	44.165	7.636	0.0	48.462	9.081	0.0	48.113	7.438	0.0	43.756	7.395	0.0	47.663	7.398
84	4504	4505	NS	1	0.0	50.092	3.362	0.0	46.158	2.624	0.0	40.449	2.167	0.0	43.692	2.355	0.0	50.744	3.0	0.0	43.518	2.354	0.0	38.114	2.113	0.0	43.0	2.148
85	4504	4505	SN	1	0.0	49.391	6.97	0.0	50.18	5.708	0.0	46.599	4.666	0.0	42.013	4.952	0.0	49.779	6.005	0.0	48.391	4.748	0.0	48.457	4.241	0.0	42.468	4.389
86	4504	4505	NS	1	0.0	46.017	8.756	0.0	48.209	7.517	0.0	45.462	7.033	0.0	44.165	7.094	0.0	48.462	8.424	0.0	48.113	6.893	0.0	43.756	6.87	0.0	47.663	6.866
87	4505	4506	NS	1	0.0	46.241	4.218	0.0	46.896	3.888	0.0	44.212	3.289	0.0	41.857	3.339	0.0	48.548	4.218	0.0	48.216	3.756	0.0	45.678	3.309	0.0	42.023	3.089
88	4505	4506	NS	1	0.0	47.029	13.261	0.0	47.106	12.463	0.0	44.13	10.111	0.0	46.925	10.027	0.0	47.653	13.457	0.0	48.165	11.968	0.0	41.375	10.558	0.0	44.078	9.758
89	4506	4507	SN	1	0.0	49.224	6.567	0.0	53.226	6.004	0.0	45.063	4.821	0.0	45.985	4.435	0.0	49.325	5.914	0.0	56.164	5.177	0.0	45.113	4.445	0.0	45.422	3.96
90	4506	4507	SN	1	0.0	49.224	6.856	0.0	53.226	6.21	0.0	45.063	4.72	0.0	45.985	4.485	0.0	49.325	6.191	0.0	56.164	5.353	0.0	45.113	4.385	0.0	45.422	3.993
91	4506	4507	SN	1	0.0	49.224	6.566	0.0	53.226	5.939	0.0	45.063	4.821	0.0	45.985	4.385	0.0	49.325	5.913	0.0	56.164	5.121	0.0	45.113	4.445	0.0	45.422	3.915
92	4506	4507	SN	1	0.0	49.346	2.309	0.0	47.911	1.804	0.0	47.618	1.486	0.0	41.238	1.358	0.0	44.789	2.113	0.0	47.187	1.569	0.0	44.804	1.369	0.0	43.43	1.17
93	4506	4507	SN	1	0.0	49.346	2.218	0.0	47.911	1.738	0.0	47.618	1.507	0.0	41.238	1.35	0.0	44.789	2.022	0.0	47.187	1.513	0.0	44.804	1.383	0.0	43.43	1.165
94	4506	4507	SN	1	0.0	49.346	2.218	0.0	47.911	1.719	0.0	47.618	1.507	0.0	41.238	1.333	0.0	44.789	2.022	0.0	47.187	1.496	0.0	44.804	1.383	0.0	43.43	1.151
95	4507	4508	SN	1	0.0	46.818	6.204	0.0	53.033	6.081	0.0	41.405	4.201	0.0	50.146	4.533	0.0	47.835	5.938	0.0	52.413	5.897	0.0	41.277	3.985	0.0	50.079	4.265
96	4507	4508	SN	1	0.0	44.199	1.923	0.0	52.975	2.024	0.0	44.583	1.434	0.0	40.154	1.369	0.0	41.964	1.772	0.0	56.284	1.882	0.0	44.909	1.217	0.0	41.401	1.248
97	4507	4508	NS	1	0.0	52.861	1.372	0.0	46.367	0.974	0.0	42.357	0.822	0.0	48.543	0.669	0.0	48.569	1.13	0.0	46.569	0.872	0.0	43.121	0.683	0.0	47.432	0.548
98	4507	4508	NS	1	0.0	47.665	4.691	0.0	53.262	3.38	0.0	42.68	2.9	0.0	39.368	2.423	0.0	47.362	3.986	0.0	52.79	2.948	0.0	41.382	2.409	0.0	37.751	2.138
99	4507	4508	SN	1	0.0	46.818	6.114	0.0	53.033	5.991	0.0	41.405	4.247	0.0	50.146	4.478	0.0	47.835	5.853	0.0	52.413	5.809	0.0	42.209	4.048	0.0	50.079	4.214
100	4507	4508	SN	1	0.0	46.818	6.115	0.0	53.033	6.056	0.0	41.405	4.261	0.0	50.146	4.522	0.0	47.835	5.854	0.0	52.413	5.872	0.0	42.209	4.063	0.0	50.079	4.255
101	4507	4508	SN	1	0.0	45.881	1.94	0.0	52.975	2.051	0.0	44.583	1.429	0.0	40.154	1.384	0.0	41.964	1.794	0.0	56.284	1.913	0.0	44.909	1.204	0.0	41.401	1.262
102	4507	4508	SN	1	0.0	44.199	1.923	0.0	52.975	2.047	0.0	44.583	1.436	0.0	40.154	1.384	0.0	41.964	1.772	0.0	56.284	1.903	0.0	44.909	1.224	0.0	41.401	1.262
103	4508	4509	NS	1	0.0	39.548	0.996	0.0	43.413	0.876	0.0	34.144	0.615	0.0	38.058	0.763	0.0	36.649	0.745	0.0	43.715	0.659	0.0	34.384	0.5	0.0	40.631	0.558

Parameter Specifications	Parameters	SNR	Sigma0
	Range	20.0	20.0

Normal
Deviations
Alarming
High Errors

104	4508	4509	NS	1	0.0	43.554	0.989	0.0	42.863	0.876	0.0	35.76	0.628	0.0	38.407	0.781	0.0	42.955	0.749	0.0	39.748	0.654	0.0	35.698	0.505	0.0	40.981	0.58
105	4508	4509	SN	1	0.0	50.39	2.937	0.0	43.115	2.724	0.0	40.186	2.111	0.0	42.898	2.352	0.0	53.912	2.933	0.0	41.44	2.666	0.0	40.507	2.175	0.0	43.93	2.297
106	4508	4509	SN	1	0.0	52.508	2.915	0.0	43.539	2.757	0.0	38.437	2.095	0.0	38.223	2.383	0.0	56.028	2.946	0.0	41.534	2.663	0.0	39.295	2.134	0.0	39.337	2.362
107	4508	4509	NS	1	0.0	42.815	3.532	0.0	44.524	2.866	0.0	47.737	2.194	0.0	44.04	2.515	0.0	41.633	2.878	0.0	46.141	2.353	0.0	46.597	1.916	0.0	42.181	2.081
108	4508	4509	SN	1	0.0	43.823	9.145	0.0	49.906	8.082	0.0	44.643	6.383	0.0	45.239	7.041	0.0	42.727	9.42	0.0	50.415	7.806	0.0	42.872	6.584	0.0	46.094	6.889
109	4508	4509	SN	1	0.0	52.508	2.958	0.0	43.539	2.76	0.0	38.437	2.125	0.0	38.223	2.378	0.0	56.028	2.983	0.0	41.534	2.669	0.0	39.295	2.159	0.0	39.337	2.355
110	4508	4509	SN	1	0.0	43.823	9.031	0.0	49.906	8.079	0.0	44.643	6.294	0.0	45.239	7.051	0.0	42.727	9.312	0.0	50.415	7.803	0.0	42.872	6.507	0.0	46.094	6.914
111	4508	4509	NS	1	0.0	40.298	3.563	0.0	49.937	2.896	0.0	39.783	2.208	0.0	44.04	2.501	0.0	38.903	2.919	0.0	51.148	2.363	0.0	40.827	1.93	0.0	42.181	2.081
112	4508	4509	SN	1	0.0	44.967	9.11	0.0	49.875	7.981	0.0	44.125	6.266	0.0	45.05	6.908	0.0	43.869	9.311	0.0	50.385	7.769	0.0	43.073	6.578	0.0	45.909	6.872
113	4509	4510	SN	1	0.0	39.557	3.252	0.0	44.965	2.977	0.0	44.405	2.47	0.0	42.355	2.499	0.0	39.073	3.286	0.0	44.233	2.907	0.0	40.712	2.433	0.0	39.115	2.401
114	4509	4510	NS	1	0.0	48.63	3.845	0.0	52.293	3.207	0.0	43.475	3.989	0.0	46.757	3.663	0.0	44.709	3.321	0.0	50.399	2.855	0.0	42.43	3.718	0.0	48.024	3.313
115	4509	4510	SN	1	0.0	39.493	3.223	0.0	47.578	2.941	0.0	44.953	2.489	0.0	40.482	2.586	0.0	39.301	3.254	0.0	47.296	2.869	0.0	41.261	2.449	0.0	38.804	2.478
116	4509	4510	SN	1	0.0	48.944	9.654	0.0	48.29	8.465	0.0	44.113	7.244	0.0	46.563	7.399	0.0	47.174	9.292	0.0	49.351	8.303	0.0	41.516	7.308	0.0	44.019	7.356
117	4509	4510	SN	1	0.0	45.805	9.473	0.0	50.149	8.404	0.0	44.663	7.187	0.0	41.571	7.364	0.0	45.129	9.161	0.0	48.66	8.384	0.0	42.068	7.272	0.0	41.382	7.385
118	4509	4510	NS	1	0.0	47.446	1.48	0.0	45.912	1.218	0.0	38.913	1.224	0.0	43.602	1.014	0.0	46.626	1.288	0.0	45.147	1.03	0.0	36.502	1.083	0.0	39.604	0.909
119	4509	4510	NS	1	0.0	42.34	1.446	0.0	46.353	1.22	0.0	36.599	1.215	0.0	43.582	1.016	0.0	42.762	1.27	0.0	43.078	1.021	0.0	35.313	1.087	0.0	39.609	0.896
120	4509	4510	NS	1	0.0	48.916	3.865	0.0	52.293	3.247	0.0	43.316	3.961	0.0	46.69	3.677	0.0	44.993	3.372	0.0	50.401	2.905	0.0	41.541	3.69	0.0	49.698	3.271
121	4510	4511	SN	1	0.0	47.131	6.899	0.0	43.8	5.552	0.0	48.126	5.86	0.0	40.864	5.885	0.0	45.684	5.945	0.0	42.544	4.948	0.0	45.929	5.326	0.0	41.121	5.378
122	4510	4511	SN	1	0.0	45.539	6.998	0.0	43.8	5.536	0.0	48.126	5.876	0.0	40.864	5.803	0.0	44.092	6.012	0.0	42.544	4.93	0.0	45.929	5.316	0.0	41.121	5.305
123	4510	4511	NS	1	0.0	47.822	1.591	0.0	52.909	1.407	0.0	39.144	1.001	0.0	42.744	0.989	0.0	46.506	1.444	0.0	49.775	1.241	0.0	38.091	0.935	0.0	39.902	0.916
124	4510	4511	NS	1	0.0	48.421	5.344	0.0	51.588	4.756	0.0	43.376	3.918	0.0	49.518	3.67	0.0	47.26	5.123	0.0	48.733	4.313	0.0	44.605	3.683	0.0	48.88	3.456
125	4510	4511	NS	1	0.0	49.631	1.691	0.0	48.277	1.442	0.0	39.445	1.042	0.0	38.375	0.984	0.0	48.553	1.546	0.0	47.542	1.3	0.0	38.442	0.937	0.0	38.69	0.88
126	4510	4511	SN	1	0.0	41.305	2.631	0.0	47.646	2.092	0.0	42.31	2.169	0.0	44.632	1.868	0.0	39.495	2.095	0.0	45.988	1.753	0.0	38.648	1.846	0.0	40.178	1.651
127	4510	4511	SN	1	0.0	45.539	6.999	0.0	43.8	5.587	0.0	48.126	5.883	0.0	40.864	5.855	0.0	44.092	6.014	0.0	42.544	4.984	0.0	45.929	5.316	0.0	41.121	5.366
128	4510	4511	SN	1	0.0	41.305	2.653	0.0	47.646	2.128	0.0	42.31	2.196	0.0	44.632	1.898	0.0	39.495	2.114	0.0	45.988	1.785	0.0	38.648	1.867	0.0	40.178	1.672
129	4510	4511	SN	1	0.0	41.305	2.633	0.0	47.646	2.115	0.0	42.31	2.167	0.0	44.632	1.889	0.0	39.495	2.095	0.0	45.988	1.773	0.0	38.648	1.846	0.0	40.178	1.67
130	4510	4511	NS	1	0.0	52.883	5.334	0.0	52.867	4.878	0.0	43.576	3.881	0.0	49.69	3.891	0.0	52.447	5.102	0.0	49.451	4.365	0.0	40.11	3.589	0.0	47.009	3.521
131	4511	4512	SN	1	0.0	46.053	3.634	0.0	44.838	3.739	0.0	39.111	2.545	0.0	44.034	2.865	0.0	46.877	3.371	0.0	42.175	3.529	0.0	38.656	2.489	0.0	43.393	2.671
132	4511	4512	SN	1	0.0	51.619	11.205	0.0	50.296	11.559	0.0	39.266	8.189	0.0	45.193	8.723	0.0	51.596	10.868	0.0	54.033	11.179	0.0	40.012	8.271	0.0	44.827	8.544
133	4511	4512	NS	1	0.0	47.177	3.053	0.0	47.991	2.663	0.0	44.824	2.128	0.0	42.836	1.809	0.0	47.72	2.976	0.0	47.37	2.602	0.0	43.95	2.157	0.0	43.684	1.669
134	4511	4512	NS	1	0.0	47.177	3.053	0.0	47.991	2.663	0.0	44.824	2.128	0.0	42.836	1.809	0.0	47.72	2.976	0.0	47.37	2.602	0.0	43.95	2.157	0.0	43.684	1.669
135	4511	4512	SN	1	0.0	51.619	11.116	0.0	50.296	11.338	0.0	39.266	7.936	0.0	45.193	8.563	0.0	51.596	10.714	0.0	54.033	10.974	0.0	40.012	8.0	0.0	44.827	8.349
136	4511	4512	SN	1	0.0	51.619	11.118	0.0	50.296	11.464	0.0	39.266	7.943	0.0	45.193	8.659	0.0	51.596	10.716	0.0	54.033	11.096	0.0	40.012	8.0	0.0	44.827	8.443
137	4511	4512	SN	1	0.0	46.053	3.634	0.0	44.838	3.698	0.0	39.111	2.545	0.0	44.034	2.833	0.0	46.877	3.371	0.0	42.175	3.492	0.0	38.656	2.492	0.0	43.393	2.641
138	4511	4512	SN	1	0.0	46.053	3.74	0.0	44.838	3.791	0.0	39.111	2.622	0.0	44.034	2.897	0.0	46.877	3.473	0.0	42.175	3.598	0.0	38.656	2.572	0.0	43.393	2.705
139	4511	4512	NS	1	0.0	55.788	9.294	0.0	51.322	8.046	0.0	46.828	6.712	0.0	45.785	6.094	0.0	54.708	9.133	0.0	50.464	7.613	0.0	46.804	6.826	0.0	46.577	5.794

Parameter Specifications	Parameters	SNR	Sigma0
	Range	20.0	20.0

Normal
Deviations
Alarming
High Errors

140	4511	4512	NS	1	0.0	55.788	9.294	0.0	51.322	8.046	0.0	46.828	6.712	0.0	45.785	6.094	0.0	54.708	9.133	0.0	50.464	7.613	0.0	46.804	6.826	0.0	46.577	5.794
141	4512	4513	NS	1	0.0	45.412	2.582	0.0	49.32	2.114	0.0	38.82	2.068	0.0	43.316	1.815	0.0	45.362	2.372	0.0	45.712	2.041	0.0	38.102	1.931	0.0	46.208	1.691
142	4512	4513	NS	1	0.0	49.813	8.215	0.0	56.654	6.789	0.0	43.577	6.241	0.0	42.92	5.238	0.0	51.304	7.712	0.0	56.84	6.166	0.0	43.39	5.899	0.0	44.301	5.139
143	4512	4513	NS	1	0.0	48.567	7.932	0.0	50.692	6.4	0.0	41.31	6.062	0.0	44.575	5.468	0.0	51.017	7.348	0.0	47.767	6.299	0.0	42.617	5.891	0.0	42.932	5.325
144	4512	4513	SN	1	0.0	52.798	8.153	0.0	48.339	8.798	0.0	42.891	7.348	0.0	46.466	8.169	0.0	51.948	7.842	0.0	46.924	8.246	0.0	43.382	7.319	0.0	46.184	8.032
145	4512	4513	SN	1	0.0	52.798	8.172	0.0	48.339	8.721	0.0	42.891	7.348	0.0	46.466	8.078	0.0	51.948	7.86	0.0	46.924	8.165	0.0	43.382	7.319	0.0	46.184	7.943
146	4512	4513	SN	1	0.0	51.014	3.382	0.0	50.848	3.472	0.0	45.98	2.298	0.0	46.382	2.55	0.0	52.439	3.324	0.0	46.757	3.327	0.0	44.113	2.382	0.0	42.429	2.415
147	4512	4513	NS	1	0.0	43.427	2.565	0.0	50.528	2.174	0.0	40.27	2.014	0.0	37.872	1.756	0.0	44.959	2.38	0.0	49.443	2.047	0.0	39.732	1.841	0.0	38.437	1.599
148	4512	4513	SN	1	0.0	51.014	3.323	0.0	50.848	3.445	0.0	45.98	2.262	0.0	46.382	2.576	0.0	52.439	3.265	0.0	46.757	3.312	0.0	44.113	2.333	0.0	42.429	2.434
149	4512	4513	SN	1	0.0	51.014	3.323	0.0	50.848	3.481	0.0	45.98	2.261	0.0	46.382	2.603	0.0	52.439	3.267	0.0	46.757	3.349	0.0	44.113	2.333	0.0	42.429	2.461
150	4512	4513	SN	1	0.0	52.798	7.975	0.0	48.339	8.207	0.0	42.891	7.509	0.0	46.466	7.977	0.0	51.948	7.696	0.0	46.924	7.678	0.0	43.382	7.517	0.0	46.184	7.87
151	4513	4514	NS	1	0.0	44.906	9.874	0.0	43.899	9.096	0.0	39.322	6.752	0.0	40.582	6.138	0.0	45.226	9.753	0.0	44.912	8.915	0.0	40.024	6.773	0.0	41.733	6.095
152	4513	4514	SN	1	0.0	51.602	7.137	0.0	49.045	7.578	0.0	46.416	5.304	0.0	46.309	6.155	0.0	53.036	6.544	0.0	49.331	7.002	0.0	45.657	4.772	0.0	45.623	5.585
153	4513	4514	SN	1	0.0	49.756	2.043	0.0	50.474	2.292	0.0	49.26	1.375	0.0	43.884	1.426	0.0	49.619	1.687	0.0	49.857	1.922	0.0	45.084	1.176	0.0	43.518	1.202
154	4513	4514	SN	1	0.0	51.602	5.708	0.0	49.045	6.184	0.0	46.416	4.662	0.0	46.309	5.329	0.0	53.036	4.935	0.0	49.331	5.496	0.0	45.657	4.022	0.0	45.623	4.609
155	4513	4514	SN	1	0.0	49.756	2.33	0.0	50.474	2.554	0.0	49.26	1.483	0.0	43.884	1.664	0.0	49.619	2.017	0.0	49.857	2.245	0.0	45.084	1.344	0.0	43.518	1.458
156	4513	4514	NS	1	0.0	48.025	2.955	0.0	39.883	2.573	0.0	37.06	2.302	0.0	38.138	2.019	0.0	44.281	2.826	0.0	39.91	2.46	0.0	34.85	2.286	0.0	39.054	1.925
157	4513	4514	NS	1	0.0	39.764	2.951	0.0	39.373	2.519	0.0	36.074	2.306	0.0	44.598	1.895	0.0	39.28	2.856	0.0	40.523	2.429	0.0	35.84	2.294	0.0	41.778	1.746
158	4513	4514	SN	1	0.0	51.602	7.149	0.0	49.045	7.631	0.0	46.416	5.311	0.0	46.309	6.217	0.0	53.036	6.555	0.0	49.331	7.028	0.0	45.657	4.772	0.0	45.623	5.648
159	4513	4514	NS	1	0.0	50.534	9.525	0.0	45.305	9.123	0.0	41.815	6.711	0.0	44.752	5.965	0.0	54.108	9.344	0.0	44.136	8.831	0.0	44.574	6.754	0.0	43.393	5.887
160	4513	4514	SN	1	0.0	49.756	2.361	0.0	50.474	2.624	0.0	49.26	1.478	0.0	43.884	1.697	0.0	49.619	2.022	0.0	49.857	2.281	0.0	45.084	1.323	0.0	43.518	1.5
161	4514	4515	NS	1	0.0	56.831	9.624	0.0	54.765	7.859	0.0	46.231	7.12	0.0	42.142	6.494	0.0	56.58	9.443	0.0	55.137	7.587	0.0	44.943	7.091	0.0	43.738	6.615
162	4514	4515	NS	1	0.0	52.445	3.08	0.0	45.681	2.714	0.0	44.425	2.189	0.0	45.168	2.121	0.0	50.418	2.975	0.0	47.865	2.589	0.0	41.833	2.182	0.0	42.191	2.052
163	4514	4515	SN	1	0.0	49.041	1.743	0.0	46.6	1.673	0.0	38.194	1.067	0.0	42.655	1.1	0.0	44.471	1.484	0.0	47.351	1.553	0.0	36.099	1.001	0.0	43.472	1.036
164	4514	4515	NS	1	0.0	52.445	3.08	0.0	45.681	2.714	0.0	44.425	2.189	0.0	45.168	2.121	0.0	50.418	2.975	0.0	47.865	2.589	0.0	41.833	2.182	0.0	42.191	2.052
165	4514	4515	SN	1	0.0	46.822	5.804	0.0	51.15	5.961	0.0	43.076	3.986	0.0	43.007	4.012	0.0	45.645	5.593	0.0	52.113	5.699	0.0	43.285	3.518	0.0	41.502	3.641
166	4514	4515	NS	1	0.0	56.831	9.624	0.0	54.765	7.859	0.0	46.231	7.12	0.0	42.142	6.494	0.0	56.58	9.443	0.0	55.137	7.587	0.0	44.943	7.091	0.0	43.738	6.615
167	4515	4516	NS	1	0.0	51.523	2.73	0.0	51.484	2.13	0.0	47.338	1.793	0.0	42.1	1.75	0.0	49.783	2.508	0.0	50.577	1.987	0.0	45.522	1.633	0.0	40.495	1.556
168	4515	4516	NS	1	0.0	53.314	7.832	0.0	47.935	6.914	0.0	47.117	5.85	0.0	46.079	5.59	0.0	52.274	7.551	0.0	47.197	6.35	0.0	44.306	5.586	0.0	44.688	5.077
169	4515	4516	SN	1	0.0	43.301	1.536	0.0	49.713	1.311	0.0	40.807	1.12	0.0	40.514	1.206	0.0	40.06	1.372	0.0	46.094	1.169	0.0	36.727	1.091	0.0	38.437	1.123
170	4515	4516	NS	1	0.0	53.314	7.832	0.0	47.935	6.914	0.0	47.117	5.85	0.0	46.079	5.59	0.0	52.274	7.551	0.0	47.197	6.35	0.0	44.306	5.586	0.0	44.688	5.077
171	4515	4516	SN	1	0.0	48.051	5.091	0.0	45.907	4.193	0.0	39.659	3.652	0.0	41.34	4.019	0.0	48.697	4.819	0.0	44.718	3.839	0.0	38.842	3.553	0.0	40.83	3.819
172	4515	4516	NS	1	0.0	51.523	2.73	0.0	51.484	2.13	0.0	47.338	1.793	0.0	42.1	1.75	0.0	49.783	2.508	0.0	50.577	1.987	0.0	45.522	1.633	0.0	40.495	1.556
173	4516	4517	SN	1	0.0	48.537	7.867	0.0	51.939	7.254	0.0	44.741	5.22	0.0	51.592	4.824	0.0	49.161	7.716	0.0	55.573	7.001	0.0	45.238	5.007	0.0	52.26	4.617
174	4516	4517	NS	1	0.0	53.109	2.563	0.0	46.477	2.259	0.0	40.556	1.846	0.0	40.785	1.841	0.0	52.462	2.379	0.0	47.459	2.103	0.0	39.366	1.747	0.0	41.311	1.657
175	4516	4517	NS	1	0.0	53.32	7.832	0.0	50.599	6.834	0.0	41.262	5.679	0.0	46.885	5.398	0.0	52.271	7.389	0.0	50.341	6.522	0.0	40.578	5.501	0.0	45.338	4.934

Parameter Specifications	Parameters	SNR	Sigma0
	Range	20.0	20.0

Normal
Alarming
Deviations
High Errors

176	4516	4517	SN	1	0.0	46.93	2.31	0.0	46.758	2.039	0.0	44.461	1.535	0.0	40.341	1.396	0.0	49.258	2.164	0.0	47.026	1.908	0.0	41.343	1.459	0.0	40.104	1.3
177	4517	4518	NS	1	0.0	46.914	2.782	0.0	49.312	2.504	0.0	40.103	2.288	0.0	45.736	2.237	0.0	46.043	2.535	0.0	48.268	2.363	0.0	43.015	2.177	0.0	42.961	2.047
178	4517	4518	NS	1	0.0	50.872	8.186	0.0	52.171	7.578	0.0	40.938	6.566	0.0	45.423	6.411	0.0	52.077	7.703	0.0	55.18	6.942	0.0	38.639	6.225	0.0	43.987	6.135
179	4517	4518	NS	1	0.0	50.872	8.034	0.0	52.171	7.439	0.0	40.938	6.441	0.0	45.423	6.296	0.0	52.077	7.551	0.0	55.18	6.815	0.0	38.639	6.107	0.0	43.987	6.025
180	4517	4518	SN	1	0.0	53.894	6.962	0.0	53.942	6.446	0.0	49.844	5.426	0.0	46.885	5.807	0.0	52.554	6.761	0.0	54.807	6.223	0.0	49.108	5.326	0.0	47.038	5.536
181	4517	4518	NS	1	0.0	46.914	2.837	0.0	49.312	2.549	0.0	40.103	2.333	0.0	45.736	2.278	0.0	46.043	2.585	0.0	48.268	2.406	0.0	43.015	2.22	0.0	42.961	2.084
182	4517	4518	SN	1	0.0	55.591	2.164	0.0	49.575	2.014	0.0	42.778	1.55	0.0	51.473	1.513	0.0	50.554	2.067	0.0	48.697	1.919	0.0	41.109	1.516	0.0	48.915	1.471
183	4518	4519	NS	1	0.0	49.877	7.934	0.0	47.607	7.254	0.0	50.635	6.588	0.0	42.375	5.87	0.0	46.309	7.095	0.0	45.317	6.51	0.0	49.564	6.1	0.0	42.979	5.539
184	4518	4519	SN	1	0.0	45.585	6.044	0.0	52.426	4.788	0.0	45.934	4.92	0.0	41.017	4.62	0.0	45.285	5.511	0.0	51.096	4.323	0.0	48.525	4.459	0.0	42.328	4.214
185	4518	4519	SN	1	0.0	48.37	2.078	0.0	47.725	1.636	0.0	40.7	1.648	0.0	40.064	1.415	0.0	49.768	1.905	0.0	49.383	1.448	0.0	39.351	1.489	0.0	38.793	1.225
186	4518	4519	NS	1	0.0	43.242	2.715	0.0	53.664	2.202	0.0	43.084	2.062	0.0	41.05	1.899	0.0	41.058	2.33	0.0	52.68	1.93	0.0	42.337	1.866	0.0	40.806	1.7
187	4518	4519	NS	1	0.0	49.877	7.52	0.0	47.607	6.874	0.0	50.635	6.263	0.0	42.375	5.569	0.0	46.309	6.724	0.0	45.317	6.169	0.0	49.564	5.8	0.0	42.979	5.255
188	4518	4519	NS	1	0.0	43.242	2.856	0.0	53.664	2.317	0.0	43.084	2.169	0.0	41.05	1.999	0.0	41.058	2.453	0.0	52.68	2.031	0.0	42.337	1.962	0.0	40.806	1.789
189	4519	4520	NS	1	0.0	46.364	12.785	0.0	51.852	12.161	0.0	45.836	8.784	0.0	45.74	8.71	0.0	48.566	12.864	0.0	51.109	11.558	0.0	45.333	8.934	0.0	42.445	8.568
190	4519	4520	NS	1	0.0	41.577	4.182	0.0	43.915	3.621	0.0	39.405	2.707	0.0	40.138	2.658	0.0	43.029	4.079	0.0	44.904	3.433	0.0	39.445	2.604	0.0	38.615	2.485

Parameter Specifications	Parameters	SNR	Sigma0
	Range	20.0	20.0

Normal
Deviations
Alarming
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	4492	4493	NS	1	0.0	28.126	8.185	0.0	25.755	8.29	0.0	356.338	2.159	0.0	38.423	1.815	0.0	1.904	0.0	0.0	1.855	0.0	0.0	2.034	0.0	0.0	2.011	0.0
2	4492	4493	SN	1	0.0	24.68	9.529	0.0	27.823	10.079	0.0	191.155	3.829	0.0	73.813	4.084	0.0	1.89	0.0	0.0	1.961	0.0	0.0	2.065	0.0	0.0	2.11	0.0
3	4492	4493	SN	1	0.0	32.412	15.699	0.0	27.283	14.1	0.0	181.978	13.756	0.0	77.706	13.109	0.0	1.899	0.0	0.0	1.945	0.0	0.0	2.069	0.0	0.0	2.097	0.0
4	4492	4493	NS	1	0.0	27.244	15.031	0.0	32.406	14.149	0.0	354.816	10.877	0.0	56.132	10.135	0.0	1.908	0.0	0.0	1.867	0.0	0.0	2.041	0.0	0.0	2.015	0.0
5	4493	4494	SN	1	0.0	24.685	9.574	0.0	26.842	10.062	0.0	191.315	3.863	0.0	14.295	4.07	0.0	1.89	0.0	0.0	1.959	0.0	0.0	2.063	0.0	0.0	2.11	0.0
6	4493	4494	SN	1	0.0	32.285	15.726	0.0	27.288	13.912	0.0	216.442	13.915	0.0	20.328	12.897	0.0	1.897	0.0	0.0	1.941	0.0	0.0	2.068	0.0	0.0	2.093	0.0
7	4493	4494	NS	1	0.0	27.239	15.006	0.0	32.224	14.145	0.0	358.522	10.775	0.0	52.685	10.124	0.0	1.908	0.0	0.0	1.86	0.0	0.0	2.037	0.0	0.0	2.011	0.0
8	4493	4494	SN	1	0.0	30.095	15.706	0.0	27.283	14.073	0.0	216.442	13.806	0.0	78.476	13.257	0.0	1.897	0.0	0.0	1.941	0.0	0.0	2.068	0.0	0.0	2.093	0.0
9	4493	4494	NS	1	0.0	28.259	8.15	0.0	25.755	8.242	0.0	320.171	2.12	0.0	36.228	1.787	0.0	1.903	0.0	0.0	1.853	0.0	0.0	2.035	0.0	0.0	2.01	0.0
10	4493	4494	SN	1	0.0	24.685	9.548	0.0	27.845	10.113	0.0	191.315	3.835	0.0	73.763	4.206	0.0	1.89	0.0	0.0	1.959	0.0	0.0	2.063	0.0	0.0	2.11	0.0
11	4494	4495	NS	1	0.0	28.281	8.135	0.0	25.755	8.212	0.0	339.501	2.108	0.0	35.991	1.772	0.0	1.904	0.0	0.0	1.853	0.0	0.0	2.033	0.0	0.0	2.011	0.0
12	4494	4495	NS	1	0.0	27.255	15.015	0.0	32.235	14.11	0.0	358.561	10.776	0.0	53.104	10.014	0.0	1.909	0.0	0.0	1.86	0.0	0.0	2.037	0.0	0.0	2.011	0.0
13	4494	4495	SN	1	0.0	32.5	15.812	0.0	27.272	14.065	0.0	176.474	13.839	0.0	68.077	13.149	0.0	1.899	0.0	0.0	1.957	0.0	0.0	2.067	0.0	0.0	2.123	0.0
14	4494	4495	SN	1	0.0	24.669	9.531	0.0	27.851	10.041	0.0	222.982	3.895	0.0	136.874	4.2	0.0	1.892	0.0	0.0	1.962	0.0	0.0	2.063	0.0	0.0	2.107	0.0
15	4495	4496	NS	1	0.0	27.244	14.986	0.0	32.23	14.04	0.0	358.627	10.769	0.0	53.683	10.021	0.0	1.909	0.0	0.0	1.859	0.0	0.0	2.038	0.0	0.0	2.011	0.0
16	4495	4496	SN	1	0.0	24.685	9.584	0.0	27.867	10.034	0.0	276.842	3.931	0.0	71.022	4.202	0.0	1.89	0.0	0.0	1.965	0.0	0.0	2.06	0.0	0.0	2.107	0.0
17	4495	4496	NS	1	0.0	27.244	14.973	0.0	32.23	14.101	0.0	356.724	10.75	0.0	54.273	9.976	0.0	1.909	0.0	0.0	1.86	0.0	0.0	2.038	0.0	0.0	2.012	0.0
18	4495	4496	SN	1	0.0	24.685	9.577	0.0	27.867	10.085	0.0	276.842	3.931	0.0	71.033	4.249	0.0	1.89	0.0	0.0	1.965	0.0	0.0	2.06	0.0	0.0	2.107	0.0
19	4495	4496	SN	1	0.0	24.685	9.634	0.0	25.573	10.024	0.0	276.842	3.993	0.0	14.3	4.068	0.0	1.89	0.0	0.0	1.965	0.0	0.0	2.06	0.0	0.0	2.107	0.0
20	4495	4496	SN	1	0.0	32.439	15.754	0.0	27.277	13.851	0.0	212.802	14.119	0.0	18.111	12.727	0.0	1.896	0.0	0.0	1.957	0.0	0.0	2.066	0.0	0.0	2.122	0.0
21	4495	4496	SN	1	0.0	32.439	15.753	0.0	27.277	14.089	0.0	212.802	13.901	0.0	76.184	13.184	0.0	1.896	0.0	0.0	1.957	0.0	0.0	2.066	0.0	0.0	2.122	0.0
22	4495	4496	NS	1	0.0	28.286	8.117	0.0	25.75	8.216	0.0	309.973	2.11	0.0	36.382	1.764	0.0	1.903	0.0	0.0	1.854	0.0	0.0	2.034	0.0	0.0	2.011	0.0
23	4495	4496	NS	1	0.0	28.168	8.12	0.0	25.744	8.217	0.0	289.855	2.101	0.0	56.137	1.769	0.0	1.903	0.0	0.0	1.854	0.0	0.0	2.034	0.0	0.0	2.01	0.0
24	4495	4496	SN	1	0.0	30.575	15.726	0.0	27.277	14.099	0.0	212.802	13.901	0.0	76.201	13.305	0.0	1.896	0.0	0.0	1.957	0.0	0.0	2.066	0.0	0.0	2.122	0.0
25	4496	4497	NS	1	0.0	28.264	8.118	0.0	25.75	8.23	0.0	298.899	2.12	0.0	37.017	1.771	0.0	1.902	0.0	0.0	1.854	0.0	0.0	2.034	0.0	0.0	2.01	0.0
26	4496	4497	SN	1	0.0	24.696	9.549	0.0	27.843	10.092	0.0	323.959	3.907	0.0	147.551	4.248	0.0	1.897	0.0	0.0	1.957	0.0	0.0	2.058	0.0	0.0	2.104	0.0
27	4496	4497	SN	1	0.0	24.696	9.628	0.0	25.485	10.003	0.0	323.959	4.003	0.0	14.295	4.015	0.0	1.897	0.0	0.0	1.957	0.0	0.0	2.058	0.0	0.0	2.104	0.0
28	4496	4497	NS	1	0.0	27.255	14.981	0.0	32.241	14.113	0.0	357.011	10.85	0.0	55.056	9.939	0.0	1.91	0.0	0.0	1.863	0.0	0.0	2.037	0.0	0.0	2.011	0.0
29	4496	4497	NS	1	0.0	27.255	14.971	0.0	32.241	14.123	0.0	357.005	10.829	0.0	55.051	9.939	0.0	1.91	0.0	0.0	1.862	0.0	0.0	2.038	0.0	0.0	2.011	0.0
30	4496	4497	SN	1	0.0	24.696	9.549	0.0	27.843	10.041	0.0	323.948	3.9	0.0	153.0	4.212	0.0	1.897	0.0	0.0	1.957	0.0	0.0	2.058	0.0	0.0	2.104	0.0
31	4496	4497	SN	1	0.0	31.209	15.624	0.0	27.288	14.093	0.0	175.217	13.864	0.0	62.788	13.23	0.0	1.895	0.0	0.0	1.937	0.0	0.0	2.062	0.0	0.0	2.103	0.0

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

Normal
Alarming
Deviations
High Errors

32	4496	4497	SN	1	0.0	38.065	15.663	0.0	27.283	13.704	0.0	175.217	14.183	0.0	15.1	12.52	0.0	1.895	0.0	0.0	1.937	0.0	0.0	2.062	0.0	0.0	2.103	0.0
33	4496	4497	NS	1	0.0	28.264	8.122	0.0	25.75	8.227	0.0	298.866	2.122	0.0	37.017	1.775	0.0	1.903	0.0	0.0	1.853	0.0	0.0	2.034	0.0	0.0	2.01	0.0
34	4496	4497	SN	1	0.0	38.065	15.671	0.0	27.288	14.03	0.0	175.234	13.857	0.0	62.678	13.125	0.0	1.896	0.0	0.0	1.936	0.0	0.0	2.062	0.0	0.0	2.103	0.0
35	4497	4498	SN	1	0.0	24.68	9.685	0.0	25.49	9.995	0.0	276.136	4.041	0.0	14.289	3.984	0.0	1.892	0.0	0.0	1.963	0.0	0.0	2.058	0.0	0.0	2.106	0.0
36	4497	4498	SN	1	0.0	31.105	15.676	0.0	27.283	14.103	0.0	164.171	13.851	0.0	80.045	13.216	0.0	1.897	0.0	0.0	1.974	0.0	0.0	2.064	0.0	0.0	2.101	0.0
37	4497	4498	SN	1	0.0	32.467	15.713	0.0	27.283	14.052	0.0	164.171	13.851	0.0	80.045	13.095	0.0	1.897	0.0	0.0	1.974	0.0	0.0	2.064	0.0	0.0	2.101	0.0
38	4497	4498	SN	1	0.0	24.68	9.55	0.0	27.906	10.121	0.0	276.136	3.895	0.0	273.803	4.221	0.0	1.892	0.0	0.0	1.963	0.0	0.0	2.058	0.0	0.0	2.106	0.0
39	4497	4498	NS	1	0.0	28.292	8.113	0.0	25.755	8.213	0.0	356.024	2.099	0.0	37.69	1.784	0.0	1.903	0.0	0.0	1.853	0.0	0.0	2.032	0.0	0.0	2.011	0.0
40	4497	4498	NS	1	0.0	27.244	14.966	0.0	32.246	14.125	0.0	356.288	10.843	0.0	56.099	9.981	0.0	1.91	0.0	0.0	1.862	0.0	0.0	2.036	0.0	0.0	2.012	0.0
41	4497	4498	NS	1	0.0	27.25	15.036	0.0	32.246	14.12	0.0	349.185	10.844	0.0	38.302	10.063	0.0	1.909	0.0	0.0	1.86	0.0	0.0	2.036	0.0	0.0	2.011	0.0
42	4497	4498	SN	1	0.0	24.68	9.552	0.0	27.906	10.067	0.0	276.136	3.895	0.0	273.803	4.175	0.0	1.892	0.0	0.0	1.963	0.0	0.0	2.058	0.0	0.0	2.106	0.0
43	4497	4498	SN	1	0.0	32.467	15.717	0.0	26.737	13.556	0.0	164.171	14.288	0.0	14.686	12.342	0.0	1.897	0.0	0.0	1.974	0.0	0.0	2.064	0.0	0.0	2.101	0.0
44	4497	4498	NS	1	0.0	28.292	8.126	0.0	25.755	8.21	0.0	346.417	2.116	0.0	22.689	1.765	0.0	1.903	0.0	0.0	1.853	0.0	0.0	2.032	0.0	0.0	2.01	0.0
45	4498	4499	NS	1	0.0	28.27	8.125	0.0	25.75	8.234	0.0	356.04	2.088	0.0	46.469	1.775	0.0	1.902	0.0	0.0	1.856	0.0	0.0	2.033	0.0	0.0	2.01	0.0
46	4498	4499	SN	1	0.0	24.685	9.555	0.0	27.911	10.095	0.0	238.436	3.874	0.0	71.64	4.098	0.0	1.891	0.0	0.0	1.959	0.0	0.0	2.058	0.0	0.0	2.107	0.0
47	4498	4499	NS	1	0.0	27.239	14.946	0.0	32.279	14.135	0.0	356.57	10.816	0.0	47.699	10.133	0.0	1.909	0.0	0.0	1.863	0.0	0.0	2.039	0.0	0.0	2.01	0.0
48	4498	4499	NS	1	0.0	27.233	15.006	0.0	32.279	14.12	0.0	356.498	10.817	0.0	44.545	10.156	0.0	1.909	0.0	0.0	1.863	0.0	0.0	2.039	0.0	0.0	2.011	0.0
49	4498	4499	SN	1	0.0	31.899	15.644	0.0	27.277	14.081	0.0	155.462	13.866	0.0	65.369	13.259	0.0	1.898	0.0	0.0	1.961	0.0	0.0	2.064	0.0	0.0	2.098	0.0
50	4498	4499	SN	1	0.0	32.527	15.671	0.0	27.277	14.032	0.0	155.462	13.866	0.0	68.629	13.138	0.0	1.898	0.0	0.0	1.961	0.0	0.0	2.064	0.0	0.0	2.098	0.0
51	4498	4499	SN	1	0.0	24.685	9.747	0.0	25.501	9.991	0.0	238.436	4.093	0.0	14.284	3.939	0.0	1.891	0.0	0.0	1.959	0.0	0.0	2.058	0.0	0.0	2.107	0.0
52	4498	4499	SN	1	0.0	32.527	15.762	0.0	25.595	13.354	0.0	155.462	14.46	0.0	14.576	12.219	0.0	1.898	0.0	0.0	1.961	0.0	0.0	2.064	0.0	0.0	2.098	0.0
53	4498	4499	NS	1	0.0	28.27	8.142	0.0	25.75	8.206	0.0	347.056	2.103	0.0	33.415	1.763	0.0	1.901	0.0	0.0	1.856	0.0	0.0	2.033	0.0	0.0	2.01	0.0
54	4498	4499	SN	1	0.0	24.685	9.551	0.0	27.906	10.153	0.0	238.436	3.872	0.0	71.877	4.14	0.0	1.891	0.0	0.0	1.959	0.0	0.0	2.058	0.0	0.0	2.107	0.0
55	4499	4500	SN	1	0.0	24.691	9.52	0.0	196.51	10.088	0.0	221.841	3.869	0.0	44.412	4.055	0.0	1.892	0.0	0.0	1.955	0.0	0.0	2.057	0.0	0.0	2.105	0.0
56	4499	4500	NS	1	0.0	28.264	8.14	0.0	25.755	8.24	0.0	349.51	2.119	0.0	41.087	1.8	0.0	1.904	0.0	0.0	1.853	0.0	0.0	2.035	0.0	0.0	2.01	0.0
57	4499	4500	NS	1	0.0	27.239	15.031	0.0	32.279	14.161	0.0	354.463	10.95	0.0	45.411	10.227	0.0	1.911	0.0	0.0	1.858	0.0	0.0	2.038	0.0	0.0	2.011	0.0
58	4499	4500	NS	1	0.0	27.244	14.98	0.0	32.285	14.181	0.0	356.641	10.95	0.0	45.51	10.149	0.0	1.911	0.0	0.0	1.86	0.0	0.0	2.038	0.0	0.0	2.01	0.0
59	4499	4500	NS	1	0.0	28.264	8.136	0.0	25.755	8.236	0.0	347.531	2.13	0.0	41.181	1.797	0.0	1.902	0.0	0.0	1.855	0.0	0.0	2.035	0.0	0.0	2.01	0.0
60	4499	4500	SN	1	0.0	24.691	9.524	0.0	196.51	10.088	0.0	239.202	3.871	0.0	44.412	4.055	0.0	1.892	0.0	0.0	1.955	0.0	0.0	2.057	0.0	0.0	2.105	0.0
61	4499	4500	SN	1	0.0	32.39	15.7	0.0	81.404	14.13	0.0	351.424	13.782	0.0	67.266	13.065	0.0	1.902	0.0	0.0	1.943	0.0	0.0	2.06	0.0	0.0	2.122	0.0
62	4499	4500	SN	1	0.0	32.39	15.69	0.0	81.404	14.13	0.0	351.408	13.782	0.0	67.266	13.065	0.0	1.902	0.0	0.0	1.943	0.0	0.0	2.06	0.0	0.0	2.122	0.0
63	4500	4501	NS	1	0.0	247.737	8.139	0.0	25.744	8.232	0.0	349.273	2.099	0.0	35.859	1.778	0.0	1.902	0.0	0.0	1.855	0.0	0.0	2.034	0.0	0.0	2.01	0.0
64	4500	4501	SN	1	0.0	24.685	9.524	0.0	27.906	10.05	0.0	189.688	3.839	0.0	68.044	4.064	0.0	1.891	0.0	0.0	1.957	0.0	0.0	2.062	0.0	0.0	2.107	0.0
65	4500	4501	SN	1	0.0	32.285	15.601	0.0	27.283	14.11	0.0	351.479	13.797	0.0	68.066	13.037	0.0	1.896	0.0	0.0	1.964	0.0	0.0	2.063	0.0	0.0	2.124	0.0
66	4500	4501	NS	1	0.0	250.913	14.994	0.0	36.735	14.135	0.0	356.189	10.852	0.0	43.684	10.173	0.0	1.908	0.0	0.0	1.86	0.0	0.0	2.037	0.0	0.0	2.01	0.0
67	4501	4502	NS	1	0.0	28.286	8.127	0.0	25.744	8.218	0.0	348.27	2.082	0.0	35.412	1.787	0.0	1.903	0.0	0.0	1.854	0.0	0.0	2.032	0.0	0.0	2.01	0.0
68	4501	4502	SN	1	0.0	24.696	9.555	0.0	27.81	10.076	0.0	196.439	3.844	0.0	69.015	4.081	0.0	1.89	0.0	0.0	1.957	0.0	0.0	2.063	0.0	0.0	2.108	0.0

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

Normal
Deviations
Alarming
High Errors

69	4501	4502	SN	1	0.0	32.401	15.641	0.0	27.283	14.121	0.0	351.507	13.824	0.0	68.993	13.086	0.0	1.898	0.0	0.0	1.966	0.0	0.0	2.065	0.0	0.0	2.124	0.0
70	4501	4502	NS	1	0.0	27.239	14.984	0.0	32.301	14.174	0.0	356.156	10.816	0.0	49.762	10.13	0.0	1.909	0.0	0.0	1.86	0.0	0.0	2.037	0.0	0.0	2.01	0.0
71	4502	4503	NS	1	0.0	28.309	8.138	0.0	25.755	8.218	0.0	355.108	2.118	0.0	35.853	1.799	0.0	1.902	0.0	0.0	1.859	0.0	0.0	2.033	0.0	0.0	2.009	0.0
72	4502	4503	SN	1	0.0	32.301	15.671	0.0	27.305	14.111	0.0	135.857	13.845	0.0	70.101	13.107	0.0	1.894	0.0	0.0	1.955	0.0	0.0	2.066	0.0	0.0	2.118	0.0
73	4502	4503	NS	1	0.0	27.25	14.986	0.0	30.972	14.066	0.0	352.941	10.948	0.0	26.141	10.075	0.0	1.908	0.0	0.0	1.866	0.0	0.0	2.038	0.0	0.0	2.01	0.0
74	4502	4503	NS	1	0.0	28.309	8.159	0.0	25.755	8.218	0.0	355.108	2.132	0.0	18.448	1.746	0.0	1.902	0.0	0.0	1.859	0.0	0.0	2.033	0.0	0.0	2.009	0.0
75	4502	4503	SN	1	0.0	24.696	9.539	0.0	27.867	10.087	0.0	209.531	3.861	0.0	72.313	4.097	0.0	1.89	0.0	0.0	1.958	0.0	0.0	2.067	0.0	0.0	2.108	0.0
76	4502	4503	NS	1	0.0	27.25	14.974	0.0	32.285	14.154	0.0	352.941	10.887	0.0	50.352	10.165	0.0	1.908	0.0	0.0	1.866	0.0	0.0	2.038	0.0	0.0	2.01	0.0
77	4503	4504	NS	1	0.0	27.25	15.015	0.0	32.312	14.174	0.0	347.696	10.836	0.0	51.157	10.158	0.0	1.908	0.0	0.0	1.861	0.0	0.0	2.039	0.0	0.0	2.01	0.0
78	4503	4504	SN	1	0.0	32.307	15.63	0.0	27.277	14.091	0.0	93.744	13.844	0.0	67.156	13.113	0.0	1.896	0.0	0.0	1.938	0.0	0.0	2.07	0.0	0.0	2.117	0.0
79	4503	4504	NS	1	0.0	28.253	8.158	0.0	25.755	8.232	0.0	302.854	2.114	0.0	36.564	1.794	0.0	1.901	0.0	0.0	1.855	0.0	0.0	2.033	0.0	0.0	2.01	0.0
80	4503	4504	SN	1	0.0	24.691	9.542	0.0	27.785	10.098	0.0	202.031	3.863	0.0	72.07	4.113	0.0	1.89	0.0	0.0	1.957	0.0	0.0	2.068	0.0	0.0	2.109	0.0
81	4504	4505	SN	1	0.0	24.68	9.538	0.0	27.851	10.077	0.0	234.575	3.872	0.0	73.256	4.146	0.0	1.89	0.0	0.0	1.958	0.0	0.0	2.064	0.0	0.0	2.107	0.0
82	4504	4505	NS	1	0.0	28.215	8.482	0.0	25.75	8.298	0.0	304.552	2.309	0.0	11.598	1.747	0.0	1.902	0.0	0.0	1.855	0.0	0.0	2.034	0.0	0.0	2.01	0.0
83	4504	4505	NS	1	0.0	27.239	15.425	0.0	30.967	13.519	0.0	351.943	11.487	0.0	13.39	9.549	0.0	1.908	0.0	0.0	1.861	0.0	0.0	2.037	0.0	0.0	2.011	0.0
84	4504	4505	NS	1	0.0	28.215	8.177	0.0	25.75	8.254	0.0	304.552	2.142	0.0	35.45	1.794	0.0	1.902	0.0	0.0	1.855	0.0	0.0	2.034	0.0	0.0	2.01	0.0
85	4504	4505	SN	1	0.0	36.454	15.661	0.0	27.277	14.092	0.0	96.568	13.871	0.0	77.977	13.082	0.0	1.897	0.0	0.0	1.977	0.0	0.0	2.069	0.0	0.0	2.106	0.0
86	4504	4505	NS	1	0.0	27.239	15.006	0.0	32.119	14.139	0.0	351.943	10.796	0.0	52.139	10.175	0.0	1.908	0.0	0.0	1.861	0.0	0.0	2.037	0.0	0.0	2.011	0.0
87	4505	4506	NS	1	0.0	28.242	8.768	0.0	27.029	8.426	0.0	337.791	2.453	0.0	11.593	1.863	0.0	1.903	0.0	0.0	1.86	0.0	0.0	2.033	0.0	0.0	2.01	0.0
88	4505	4506	NS	1	0.0	27.239	15.702	0.0	30.978	13.418	0.0	358.533	12.158	0.0	13.291	9.49	0.0	1.908	0.0	0.0	1.865	0.0	0.0	2.037	0.0	0.0	2.01	0.0
89	4506	4507	SN	1	0.0	30.443	15.629	0.0	27.277	14.153	0.0	182.469	13.874	0.0	69.412	13.256	0.0	1.902	0.0	0.0	1.947	0.0	0.0	2.07	0.0	0.0	2.128	0.0
90	4506	4507	SN	1	0.0	32.412	15.663	0.0	27.25	13.722	0.0	182.469	14.278	0.0	14.62	12.485	0.0	1.902	0.0	0.0	1.947	0.0	0.0	2.07	0.0	0.0	2.128	0.0
91	4506	4507	SN	1	0.0	32.412	15.656	0.0	27.277	14.141	0.0	182.469	13.874	0.0	69.412	13.134	0.0	1.902	0.0	0.0	1.947	0.0	0.0	2.07	0.0	0.0	2.128	0.0
92	4506	4507	SN	1	0.0	24.685	9.656	0.0	25.496	10.005	0.0	193.538	3.968	0.0	14.256	3.894	0.0	1.892	0.0	0.0	1.964	0.0	0.0	2.065	0.0	0.0	2.109	0.0
93	4506	4507	SN	1	0.0	24.685	9.532	0.0	27.967	10.114	0.0	193.538	3.843	0.0	252.262	4.105	0.0	1.892	0.0	0.0	1.964	0.0	0.0	2.065	0.0	0.0	2.109	0.0
94	4506	4507	SN	1	0.0	24.685	9.537	0.0	27.967	10.061	0.0	193.538	3.843	0.0	252.262	4.06	0.0	1.892	0.0	0.0	1.964	0.0	0.0	2.065	0.0	0.0	2.109	0.0
95	4507	4508	SN	1	0.0	32.379	15.658	0.0	27.266	13.968	0.0	198.496	13.957	0.0	20.582	12.775	0.0	1.895	0.0	0.0	1.953	0.0	0.0	2.066	0.0	0.0	2.124	0.0
96	4507	4508	SN	1	0.0	24.696	9.544	0.0	28.0	10.103	0.0	190.256	3.855	0.0	69.241	4.067	0.0	1.892	0.0	0.0	1.96	0.0	0.0	2.06	0.0	0.0	2.104	0.0
97	4507	4508	NS	1	0.0	28.286	8.115	0.0	25.761	8.273	0.0	343.819	2.115	0.0	54.185	1.784	0.0	1.902	0.0	0.0	1.856	0.0	0.0	2.032	0.0	0.0	2.01	0.0
98	4507	4508	NS	1	0.0	27.233	15.009	0.0	32.191	14.115	0.0	358.759	10.846	0.0	54.422	10.121	0.0	1.909	0.0	0.0	1.861	0.0	0.0	2.037	0.0	0.0	2.01	0.0
99	4507	4508	SN	1	0.0	32.379	15.638	0.0	27.266	14.102	0.0	198.496	13.833	0.0	70.393	13.041	0.0	1.895	0.0	0.0	1.953	0.0	0.0	2.066	0.0	0.0	2.124	0.0
100	4507	4508	SN	1	0.0	30.333	15.611	0.0	27.266	14.114	0.0	198.496	13.833	0.0	70.399	13.162	0.0	1.895	0.0	0.0	1.953	0.0	0.0	2.066	0.0	0.0	2.124	0.0
101	4507	4508	SN	1	0.0	24.696	9.578	0.0	26.704	10.107	0.0	190.256	3.897	0.0	14.262	3.968	0.0	1.892	0.0	0.0	1.96	0.0	0.0	2.06	0.0	0.0	2.104	0.0
102	4507	4508	SN	1	0.0	24.696	9.539	0.0	27.978	10.158	0.0	190.256	3.855	0.0	69.241	4.112	0.0	1.892	0.0	0.0	1.96	0.0	0.0	2.06	0.0	0.0	2.104	0.0
103	4508	4509	NS	1	0.0	28.336	8.131	0.0	25.755	8.208	0.0	317.601	2.095	0.0	37.303	1.772	0.0	1.903	0.0	0.0	1.855	0.0	0.0	2.032	0.0	0.0	2.01	0.0
104	4508	4509	NS	1	0.0	28.342	8.133	0.0	25.755	8.217	0.0	352.643	2.095	0.0	37.303	1.773	0.0	1.903	0.0	0.0	1.854	0.0	0.0	2.032	0.0	0.0	2.01	0.0
105	4508	4509	SN	1	0.0	24.685	9.527	0.0	27.956	10.093	0.0	242.544	3.891	0.0	278.29	4.154	0.0	1.89	0.0	0.0	1.961	0.0	0.0	2.062	0.0	0.0	2.107	0.0

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

Normal Deviations
Alarming High Errors

106	4508	4509	SN	1	0.0	24.685	9.527	0.0	27.95	10.153	0.0	242.61	3.893	0.0	273.423	4.2	0.0	1.89	0.0	0.0	1.965	0.0	0.0	2.062	0.0	0.0	2.107	0.0
107	4508	4509	NS	1	0.0	27.228	14.964	0.0	32.224	14.128	0.0	352.593	10.806	0.0	55.503	10.04	0.0	1.908	0.0	0.0	1.865	0.0	0.0	2.036	0.0	0.0	2.01	0.0
108	4508	4509	SN	1	0.0	32.439	15.629	0.0	27.283	13.923	0.0	212.096	13.988	0.0	105.157	12.877	0.0	1.895	0.0	0.0	1.933	0.0	0.0	2.064	0.0	0.0	2.115	0.0
109	4508	4509	SN	1	0.0	24.685	9.559	0.0	26.864	10.108	0.0	242.61	3.931	0.0	166.126	4.044	0.0	1.89	0.0	0.0	1.965	0.0	0.0	2.062	0.0	0.0	2.107	0.0
110	4508	4509	SN	1	0.0	30.272	15.597	0.0	27.283	14.115	0.0	212.096	13.872	0.0	105.157	13.231	0.0	1.895	0.0	0.0	1.933	0.0	0.0	2.064	0.0	0.0	2.115	0.0
111	4508	4509	NS	1	0.0	27.228	14.946	0.0	32.224	14.128	0.0	352.599	10.799	0.0	55.503	10.04	0.0	1.908	0.0	0.0	1.865	0.0	0.0	2.036	0.0	0.0	2.01	0.0
112	4508	4509	SN	1	0.0	32.434	15.636	0.0	27.283	14.063	0.0	212.041	13.864	0.0	253.875	13.111	0.0	1.895	0.0	0.0	1.933	0.0	0.0	2.064	0.0	0.0	2.115	0.0
113	4509	4510	SN	1	0.0	24.68	9.558	0.0	27.95	10.1	0.0	186.291	3.923	0.0	272.149	4.184	0.0	1.891	0.0	0.0	1.957	0.0	0.0	2.057	0.0	0.0	2.104	0.0
114	4509	4510	NS	1	0.0	27.228	14.915	0.0	32.224	14.075	0.0	357.105	10.814	0.0	41.318	9.954	0.0	1.91	0.0	0.0	1.865	0.0	0.0	2.036	0.0	0.0	2.01	0.0
115	4509	4510	SN	1	0.0	24.685	9.558	0.0	27.956	10.097	0.0	186.286	3.925	0.0	272.055	4.187	0.0	1.891	0.0	0.0	1.957	0.0	0.0	2.057	0.0	0.0	2.104	0.0
116	4509	4510	SN	1	0.0	37.971	15.678	0.0	27.277	14.071	0.0	234.404	13.935	0.0	64.47	13.074	0.0	1.898	0.0	0.0	1.929	0.0	0.0	2.06	0.0	0.0	2.104	0.0
117	4509	4510	SN	1	0.0	37.971	15.678	0.0	27.272	14.04	0.0	234.399	13.928	0.0	64.498	13.068	0.0	1.898	0.0	0.0	1.929	0.0	0.0	2.06	0.0	0.0	2.104	0.0
118	4509	4510	NS	1	0.0	28.342	8.09	0.0	27.057	8.221	0.0	288.129	2.083	0.0	58.52	1.77	0.0	1.902	0.0	0.0	1.858	0.0	0.0	2.032	0.0	0.0	2.01	0.0
119	4509	4510	NS	1	0.0	28.342	8.09	0.0	27.057	8.221	0.0	288.101	2.088	0.0	58.514	1.77	0.0	1.902	0.0	0.0	1.858	0.0	0.0	2.032	0.0	0.0	2.01	0.0
120	4509	4510	NS	1	0.0	27.228	14.926	0.0	32.23	14.073	0.0	357.105	10.828	0.0	41.329	9.947	0.0	1.909	0.0	0.0	1.866	0.0	0.0	2.036	0.0	0.0	2.01	0.0
121	4510	4511	SN	1	0.0	37.877	15.717	0.0	27.272	13.771	0.0	207.502	14.128	0.0	15.718	12.562	0.0	1.898	0.0	0.0	1.935	0.0	0.0	2.066	0.0	0.0	2.116	0.0
122	4510	4511	SN	1	0.0	37.877	15.725	0.0	27.283	14.094	0.0	207.502	13.872	0.0	65.849	13.08	0.0	1.898	0.0	0.0	1.935	0.0	0.0	2.066	0.0	0.0	2.116	0.0
123	4510	4511	NS	1	0.0	28.303	8.117	0.0	25.744	8.219	0.0	349.306	2.087	0.0	77.309	1.742	0.0	1.901	0.0	0.0	1.854	0.0	0.0	2.034	0.0	0.0	2.009	0.0
124	4510	4511	NS	1	0.0	27.233	14.966	0.0	32.224	14.116	0.0	357.364	10.771	0.0	47.964	9.962	0.0	1.911	0.0	0.0	1.864	0.0	0.0	2.036	0.0	0.0	2.011	0.0
125	4510	4511	NS	1	0.0	28.303	8.102	0.0	25.755	8.212	0.0	349.306	2.074	0.0	77.315	1.752	0.0	1.901	0.0	0.0	1.854	0.0	0.0	2.034	0.0	0.0	2.01	0.0
126	4510	4511	SN	1	0.0	24.696	9.545	0.0	28.0	10.102	0.0	238.849	3.944	0.0	66.263	4.157	0.0	1.894	0.0	0.0	1.966	0.0	0.0	2.061	0.0	0.0	2.109	0.0
127	4510	4511	SN	1	0.0	31.033	15.688	0.0	27.283	14.146	0.0	207.502	13.872	0.0	65.849	13.201	0.0	1.898	0.0	0.0	1.935	0.0	0.0	2.066	0.0	0.0	2.116	0.0
128	4510	4511	SN	1	0.0	24.696	9.617	0.0	25.479	10.088	0.0	238.849	4.03	0.0	14.295	4.023	0.0	1.894	0.0	0.0	1.966	0.0	0.0	2.061	0.0	0.0	2.109	0.0
129	4510	4511	SN	1	0.0	24.696	9.543	0.0	28.0	10.152	0.0	238.849	3.944	0.0	66.263	4.203	0.0	1.894	0.0	0.0	1.966	0.0	0.0	2.061	0.0	0.0	2.109	0.0
130	4510	4511	NS	1	0.0	27.222	15.015	0.0	32.197	14.152	0.0	350.834	10.759	0.0	44.241	10.021	0.0	1.909	0.0	0.0	1.864	0.0	0.0	2.036	0.0	0.0	2.011	0.0
131	4511	4512	SN	1	0.0	24.707	9.54	0.0	140.266	10.156	0.0	195.121	3.931	0.0	168.982	4.209	0.0	1.894	0.0	0.0	1.957	0.0	0.0	2.06	0.0	0.0	2.107	0.0
132	4511	4512	SN	1	0.0	32.395	15.813	0.0	161.918	13.723	0.0	150.587	14.255	0.0	40.075	12.477	0.0	1.895	0.0	0.0	1.94	0.0	0.0	2.065	0.0	0.0	2.101	0.0
133	4511	4512	NS	1	0.0	28.397	8.12	0.0	25.75	8.217	0.0	349.748	2.092	0.0	39.934	1.763	0.0	1.902	0.0	0.0	1.854	0.0	0.0	2.031	0.0	0.0	2.01	0.0
134	4511	4512	NS	1	0.0	28.397	8.12	0.0	25.75	8.217	0.0	349.748	2.092	0.0	39.934	1.763	0.0	1.902	0.0	0.0	1.854	0.0	0.0	2.031	0.0	0.0	2.01	0.0
135	4511	4512	SN	1	0.0	32.395	15.799	0.0	161.918	14.066	0.0	150.587	13.86	0.0	67.879	13.087	0.0	1.895	0.0	0.0	1.94	0.0	0.0	2.065	0.0	0.0	2.101	0.0
136	4511	4512	SN	1	0.0	30.277	15.762	0.0	161.918	14.08	0.0	150.587	13.86	0.0	67.879	13.205	0.0	1.895	0.0	0.0	1.94	0.0	0.0	2.065	0.0	0.0	2.101	0.0
137	4511	4512	SN	1	0.0	24.707	9.545	0.0	140.266	10.103	0.0	195.121	3.931	0.0	168.982	4.163	0.0	1.894	0.0	0.0	1.957	0.0	0.0	2.06	0.0	0.0	2.107	0.0
138	4511	4512	SN	1	0.0	24.707	9.659	0.0	140.266	10.057	0.0	195.121	4.057	0.0	94.232	4.005	0.0	1.894	0.0	0.0	1.957	0.0	0.0	2.06	0.0	0.0	2.107	0.0
139	4511	4512	NS	1	0.0	27.233	14.983	0.0	32.208	14.161	0.0	356.537	10.802	0.0	44.876	10.006	0.0	1.909	0.0	0.0	1.862	0.0	0.0	2.036	0.0	0.0	2.011	0.0
140	4511	4512	NS	1	0.0	27.233	14.983	0.0	32.208	14.161	0.0	356.537	10.802	0.0	44.876	10.006	0.0	1.909	0.0	0.0	1.862	0.0	0.0	2.036	0.0	0.0	2.011	0.0
141	4512	4513	NS	1	0.0	28.215	8.106	0.0	25.755	8.222	0.0	349.466	2.095	0.0	33.586	1.778	0.0	1.901	0.0	0.0	1.854	0.0	0.0	2.032	0.0	0.0	2.009	0.0
142	4512	4513	NS	1	0.0	27.239	14.98	0.0	32.23	14.162	0.0	356.719	10.751	0.0	50.953	10.056	0.0	1.908	0.0	0.0	1.864	0.0	0.0	2.037	0.0	0.0	2.01	0.0

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

Normal
Deviations
Alarming
High Errors

143	4512	4513	NS	1	0.0	27.228	14.997	0.0	31.981	14.097	0.0	356.206	10.834	0.0	49.519	10.102	0.0	1.908	0.0	0.0	1.866	0.0	0.0	2.037	0.0	0.0	2.009	0.0
144	4512	4513	SN	1	0.0	30.106	15.723	0.0	27.272	14.122	0.0	161.214	13.874	0.0	60.136	13.204	0.0	1.893	0.0	0.0	1.934	0.0	0.0	2.067	0.0	0.0	2.101	0.0
145	4512	4513	SN	1	0.0	32.296	15.76	0.0	27.272	14.097	0.0	161.214	13.874	0.0	60.136	13.093	0.0	1.893	0.0	0.0	1.934	0.0	0.0	2.067	0.0	0.0	2.101	0.0
146	4512	4513	SN	1	0.0	24.707	9.681	0.0	25.463	9.987	0.0	271.586	4.097	0.0	14.295	3.965	0.0	1.891	0.0	0.0	1.957	0.0	0.0	2.062	0.0	0.0	2.107	0.0
147	4512	4513	NS	1	0.0	28.375	8.117	0.0	25.755	8.21	0.0	356.206	2.089	0.0	41.125	1.786	0.0	1.901	0.0	0.0	1.855	0.0	0.0	2.033	0.0	0.0	2.009	0.0
148	4512	4513	SN	1	0.0	24.707	9.52	0.0	27.961	10.069	0.0	271.586	3.906	0.0	131.232	4.129	0.0	1.891	0.0	0.0	1.957	0.0	0.0	2.062	0.0	0.0	2.107	0.0
149	4512	4513	SN	1	0.0	24.707	9.516	0.0	27.961	10.123	0.0	271.586	3.906	0.0	131.232	4.176	0.0	1.891	0.0	0.0	1.957	0.0	0.0	2.062	0.0	0.0	2.107	0.0
150	4512	4513	SN	1	0.0	32.296	15.821	0.0	26.709	13.512	0.0	161.214	14.411	0.0	14.532	12.3	0.0	1.893	0.0	0.0	1.934	0.0	0.0	2.067	0.0	0.0	2.101	0.0
151	4513	4514	NS	1	0.0	27.244	15.018	0.0	32.037	14.118	0.0	350.558	10.804	0.0	50.457	10.152	0.0	1.909	0.0	0.0	1.863	0.0	0.0	2.036	0.0	0.0	2.011	0.0
152	4513	4514	SN	1	0.0	32.351	15.692	0.0	27.277	14.045	0.0	131.356	13.82	0.0	65.375	13.065	0.0	1.894	0.0	0.0	1.945	0.0	0.0	2.063	0.0	0.0	2.122	0.0
153	4513	4514	SN	1	0.0	24.702	9.753	0.0	25.496	9.943	0.0	185.271	4.149	0.0	14.262	3.946	0.0	1.893	0.0	0.0	1.957	0.0	0.0	2.062	0.0	0.0	2.107	0.0
154	4513	4514	SN	1	0.0	32.351	15.866	0.0	25.496	13.353	0.0	131.356	14.492	0.0	14.631	12.177	0.0	1.894	0.0	0.0	1.945	0.0	0.0	2.063	0.0	0.0	2.122	0.0
155	4513	4514	SN	1	0.0	24.702	9.522	0.0	27.994	10.041	0.0	185.271	3.885	0.0	73.851	4.051	0.0	1.893	0.0	0.0	1.957	0.0	0.0	2.062	0.0	0.0	2.107	0.0
156	4513	4514	NS	1	0.0	28.413	8.13	0.0	25.755	8.228	0.0	350.503	2.075	0.0	42.146	1.786	0.0	1.901	0.0	0.0	1.856	0.0	0.0	2.033	0.0	0.0	2.01	0.0
157	4513	4514	NS	1	0.0	28.259	8.121	0.0	25.761	8.219	0.0	355.235	2.068	0.0	34.452	1.785	0.0	1.902	0.0	0.0	1.855	0.0	0.0	2.032	0.0	0.0	2.009	0.0
158	4513	4514	SN	1	0.0	30.117	15.665	0.0	27.277	14.077	0.0	131.356	13.806	0.0	65.375	13.19	0.0	1.894	0.0	0.0	1.945	0.0	0.0	2.063	0.0	0.0	2.122	0.0
159	4513	4514	NS	1	0.0	27.239	15.012	0.0	32.268	14.172	0.0	356.867	10.736	0.0	52.795	10.163	0.0	1.909	0.0	0.0	1.863	0.0	0.0	2.036	0.0	0.0	2.01	0.0
160	4513	4514	SN	1	0.0	24.702	9.516	0.0	27.994	10.091	0.0	185.271	3.887	0.0	73.223	4.115	0.0	1.893	0.0	0.0	1.957	0.0	0.0	2.062	0.0	0.0	2.107	0.0
161	4514	4515	NS	1	0.0	27.244	14.98	0.0	35.522	14.178	0.0	350.757	10.84	0.0	51.168	10.123	0.0	1.908	0.0	0.0	1.862	0.0	0.0	2.035	0.0	0.0	2.01	0.0
162	4514	4515	NS	1	0.0	110.686	8.14	0.0	25.755	8.2	0.0	355.412	2.068	0.0	37.359	1.783	0.0	1.901	0.0	0.0	1.856	0.0	0.0	2.032	0.0	0.0	2.009	0.0
163	4514	4515	SN	1	0.0	24.691	9.539	0.0	28.055	9.984	0.0	275.061	3.888	0.0	68.833	4.049	0.0	1.892	0.0	0.0	1.955	0.0	0.0	2.063	0.0	0.0	2.106	0.0
164	4514	4515	NS	1	0.0	110.686	8.14	0.0	25.755	8.2	0.0	355.412	2.068	0.0	37.359	1.783	0.0	1.901	0.0	0.0	1.856	0.0	0.0	2.032	0.0	0.0	2.009	0.0
165	4514	4515	SN	1	0.0	32.456	15.662	0.0	27.294	14.146	0.0	351.788	13.865	0.0	61.702	13.154	0.0	1.898	0.0	0.0	1.935	0.0	0.0	2.069	0.0	0.0	2.109	0.0
166	4514	4515	NS	1	0.0	27.244	14.98	0.0	35.522	14.178	0.0	350.757	10.84	0.0	51.168	10.123	0.0	1.908	0.0	0.0	1.862	0.0	0.0	2.035	0.0	0.0	2.01	0.0
167	4515	4516	NS	1	0.0	28.314	8.111	0.0	25.75	8.226	0.0	349.328	2.104	0.0	34.96	1.764	0.0	1.902	0.0	0.0	1.856	0.0	0.0	2.034	0.0	0.0	2.009	0.0
168	4515	4516	NS	1	0.0	27.228	15.011	0.0	32.081	14.109	0.0	357.535	10.809	0.0	51.427	10.026	0.0	1.911	0.0	0.0	1.859	0.0	0.0	2.036	0.0	0.0	2.01	0.0
169	4515	4516	SN	1	0.0	24.707	9.547	0.0	28.06	9.911	0.0	221.582	3.867	0.0	72.925	4.087	0.0	1.894	0.0	0.0	1.956	0.0	0.0	2.064	0.0	0.0	2.107	0.0
170	4515	4516	NS	1	0.0	27.228	15.011	0.0	32.081	14.109	0.0	357.535	10.809	0.0	51.427	10.026	0.0	1.911	0.0	0.0	1.859	0.0	0.0	2.036	0.0	0.0	2.01	0.0
171	4515	4516	SN	1	0.0	32.478	15.674	0.0	27.288	14.144	0.0	351.148	13.851	0.0	77.993	13.139	0.0	1.9	0.0	0.0	1.936	0.0	0.0	2.071	0.0	0.0	2.11	0.0
172	4515	4516	NS	1	0.0	28.314	8.111	0.0	25.75	8.226	0.0	349.328	2.104	0.0	34.96	1.764	0.0	1.902	0.0	0.0	1.856	0.0	0.0	2.034	0.0	0.0	2.009	0.0
173	4516	4517	SN	1	0.0	36.675	15.694	0.0	27.266	14.114	0.0	166.873	13.845	0.0	78.793	13.146	0.0	1.895	0.0	0.0	1.936	0.0	0.0	2.07	0.0	0.0	2.111	0.0
174	4516	4517	NS	1	0.0	28.364	8.098	0.0	25.755	8.225	0.0	349.698	2.085	0.0	35.23	1.762	0.0	1.901	0.0	0.0	1.856	0.0	0.0	2.031	0.0	0.0	2.009	0.0
175	4516	4517	NS	1	0.0	27.233	14.989	0.0	32.075	14.171	0.0	357.601	10.737	0.0	51.852	10.026	0.0	1.91	0.0	0.0	1.858	0.0	0.0	2.038	0.0	0.0	2.01	0.0
176	4516	4517	SN	1	0.0	24.702	9.538	0.0	28.011	10.011	0.0	208.941	3.89	0.0	74.072	4.075	0.0	1.89	0.0	0.0	1.957	0.0	0.0	2.065	0.0	0.0	2.107	0.0
177	4517	4518	NS	1	0.0	28.43	8.123	0.0	27.04	8.226	0.0	313.613	2.097	0.0	35.213	1.771	0.0	1.901	0.0	0.0	1.857	0.0	0.0	2.033	0.0	0.0	2.009	0.0
178	4517	4518	NS	1	0.0	27.239	15.119	0.0	30.972	13.854	0.0	357.662	11.005	0.0	16.859	9.802	0.0	1.91	0.0	0.0	1.861	0.0	0.0	2.039	0.0	0.0	2.01	0.0
179	4517	4518	NS	1	0.0	27.239	15.001	0.0	32.092	14.143	0.0	357.662	10.831	0.0	35.412	10.103	0.0	1.91	0.0	0.0	1.861	0.0	0.0	2.039	0.0	0.0	2.01	0.0

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

Normal
Deviations
Alarming
High Errors

180	4517	4518	SN	1	0.0	32.814	15.684	0.0	27.294	14.053	0.0	99.248	13.801	0.0	93.747	13.16	0.0	1.896	0.0	0.0	1.935	0.0	0.0	2.068	0.0	0.0	2.111	0.0
181	4517	4518	NS	1	0.0	28.43	8.177	0.0	27.04	8.206	0.0	313.613	2.139	0.0	11.565	1.667	0.0	1.901	0.0	0.0	1.857	0.0	0.0	2.033	0.0	0.0	2.009	0.0
182	4517	4518	SN	1	0.0	24.713	9.538	0.0	27.994	10.009	0.0	228.856	3.9	0.0	67.073	4.075	0.0	1.894	0.0	0.0	1.956	0.0	0.0	2.065	0.0	0.0	2.106	0.0
183	4518	4519	NS	1	0.0	27.228	15.316	0.0	30.978	13.615	0.0	343.604	11.263	0.0	13.385	9.553	0.0	1.91	0.0	0.0	1.865	0.0	0.0	2.036	0.0	0.0	2.009	0.0
184	4518	4519	SN	1	0.0	32.329	15.76	0.0	27.272	14.081	0.0	153.014	13.81	0.0	65.281	13.134	0.0	1.898	0.0	0.0	1.938	0.0	0.0	2.068	0.0	0.0	2.093	0.0
185	4518	4519	SN	1	0.0	24.702	9.527	0.0	28.005	10.031	0.0	264.626	3.892	0.0	68.551	4.078	0.0	1.892	0.0	0.0	1.955	0.0	0.0	2.064	0.0	0.0	2.103	0.0
186	4518	4519	NS	1	0.0	28.336	8.139	0.0	25.761	8.268	0.0	328.526	2.112	0.0	52.409	1.769	0.0	1.901	0.0	0.0	1.856	0.0	0.0	2.031	0.0	0.0	2.009	0.0
187	4518	4519	NS	1	0.0	27.228	14.989	0.0	32.053	14.161	0.0	343.604	10.802	0.0	53.523	10.132	0.0	1.91	0.0	0.0	1.865	0.0	0.0	2.036	0.0	0.0	2.009	0.0
188	4518	4519	NS	1	0.0	28.336	8.33	0.0	25.761	8.236	0.0	328.526	2.225	0.0	11.593	1.703	0.0	1.901	0.0	0.0	1.856	0.0	0.0	2.031	0.0	0.0	2.009	0.0
189	4519	4520	NS	1	0.0	27.244	15.526	0.0	30.983	13.479	0.0	343.317	11.864	0.0	13.44	9.484	0.0	1.911	0.0	0.0	1.867	0.0	0.0	2.037	0.0	0.0	2.01	0.0
190	4519	4520	NS	1	0.0	28.331	8.599	0.0	25.766	8.371	0.0	316.349	2.352	0.0	11.593	1.776	0.0	1.902	0.0	0.0	1.861	0.0	0.0	2.032	0.0	0.0	2.009	0.0

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

Normal
Alarming
Deviations
High Errors