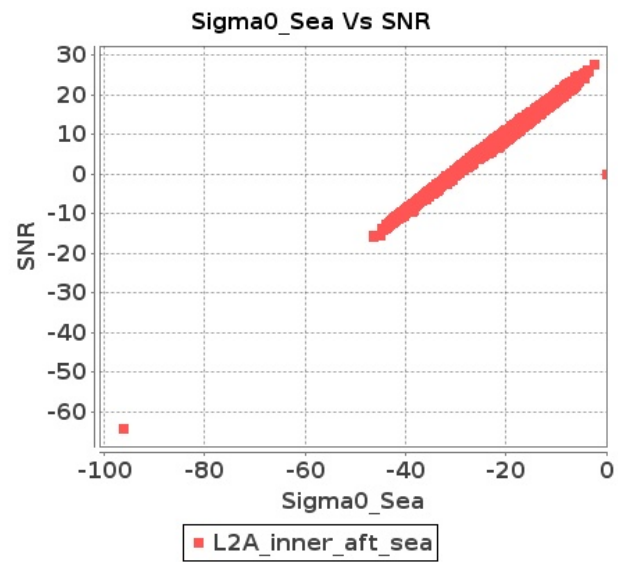


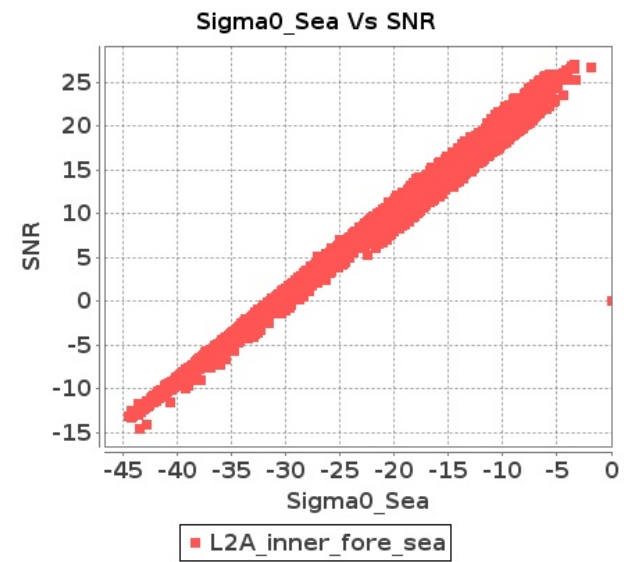
SCATSAT-1 Scatterometer Level-2A Data Quality Cycle wise Report

Report between 13-MAR-2019 To 14-MAR-2019

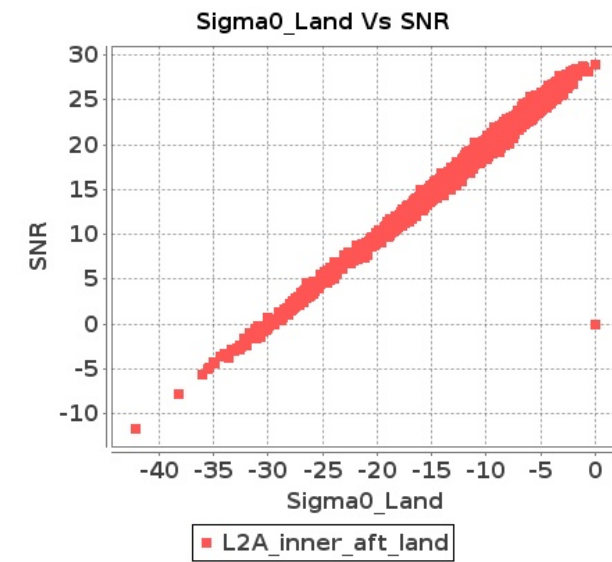
Inner Sea Aft Sigma0VsSNR



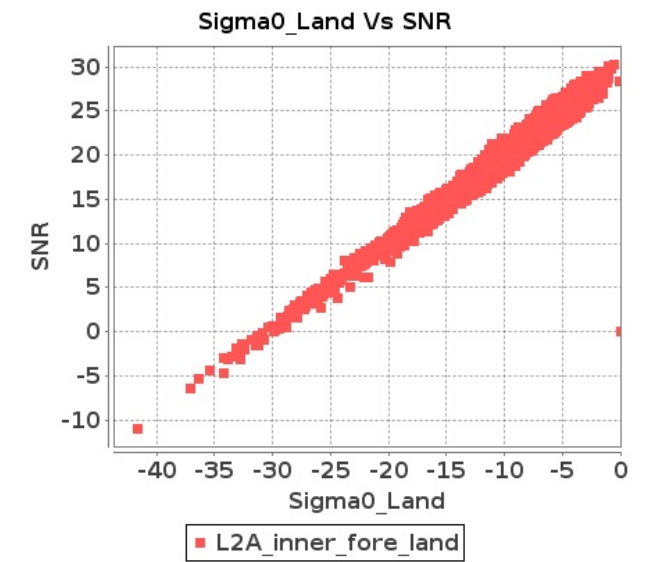
Inner Sea Fore Sigma0VsSNR



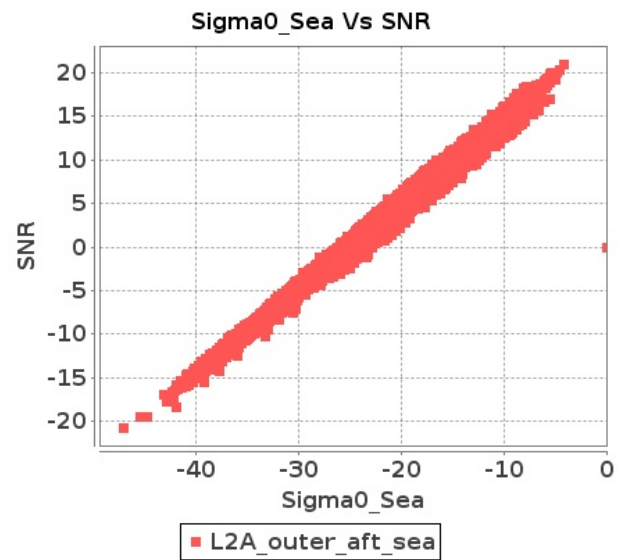
Inner Land Aft Sigma0VsSNR



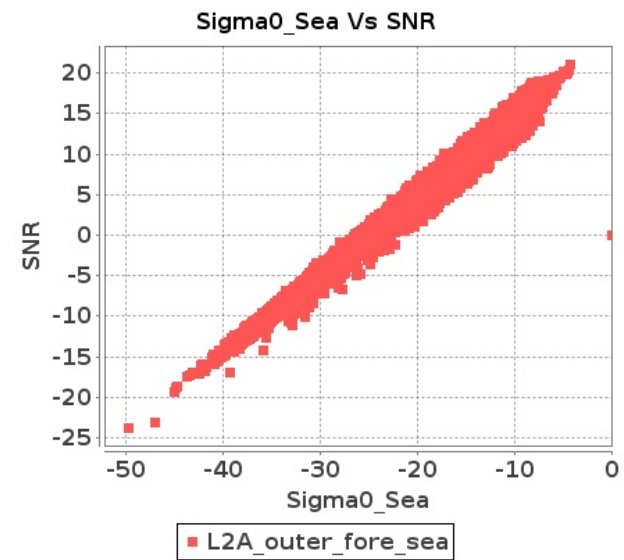
Inner Land Fore Sigma0VsSNR



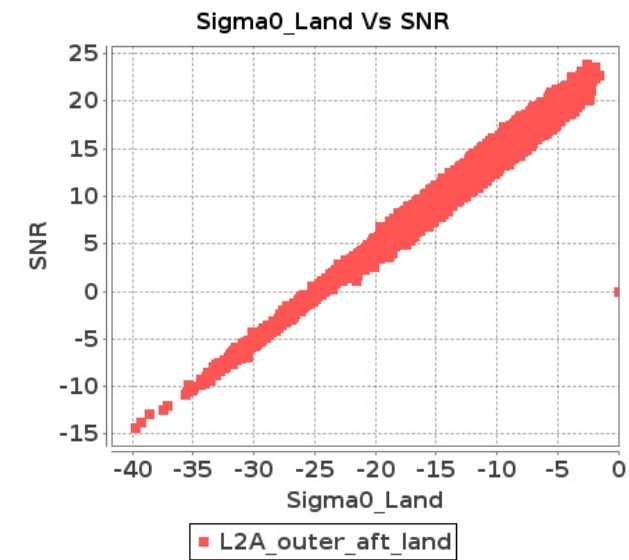
Outer Sea Aft Sigma0VsSNR



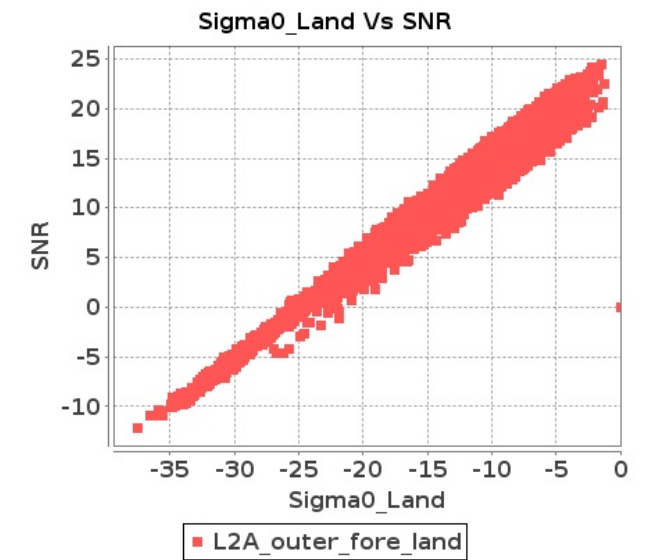
Outer Sea Fore Sigma0VsSNR



Outer Land Aft Sigma0VsSNR



Outer Land Fore Sigma0VsSNR



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

Report between 13-MAR-2019 To 14-MAR-2019

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	13018	13019	SN	1	0.0	43.246	0.933	0.0	42.306	1.21	0.0	45.271	0.91	0.0	43.266	1.245	0.0	42.681	0.951	0.0	43.785	1.122	0.0	43.608	0.887	0.0	41.518	1.123
2	13018	13019	NS	1	0.0	51.899	1.774	0.0	51.913	2.38	0.0	39.195	1.42	0.0	45.785	2.015	0.0	50.399	1.76	0.0	50.313	2.199	0.0	38.096	1.342	0.0	44.335	1.707
3	13018	13019	SN	1	0.0	45.527	0.93	0.0	41.928	1.21	0.0	39.52	0.898	0.0	42.609	1.247	0.0	44.961	0.949	0.0	43.408	1.136	0.0	40.762	0.871	0.0	43.671	1.123
4	13018	13019	SN	1	0.0	51.944	4.083	0.0	51.636	4.598	0.0	44.054	3.416	0.0	48.695	4.36	0.0	52.663	4.207	0.0	54.025	4.245	0.0	44.333	3.336	0.0	46.157	3.909
5	13018	13019	NS	1	0.0	49.15	6.681	0.0	56.19	8.144	0.0	50.07	5.48	0.0	52.061	7.024	0.0	50.208	6.742	0.0	56.685	7.859	0.0	48.521	5.259	0.0	50.535	6.219
6	13018	13019	SN	1	0.0	51.944	3.983	0.0	51.636	4.493	0.0	44.054	3.34	0.0	48.695	4.266	0.0	52.663	4.105	0.0	54.025	4.148	0.0	44.333	3.255	0.0	46.157	3.819
7	13018	13019	SN	1	0.0	49.591	4.013	0.0	51.996	4.513	0.0	45.128	3.347	0.0	47.258	4.281	0.0	50.3	4.155	0.0	54.387	4.148	0.0	45.409	3.283	0.0	47.163	3.904
8	13018	13019	SN	1	0.0	43.246	0.956	0.0	42.306	1.239	0.0	45.271	0.931	0.0	43.266	1.267	0.0	42.681	0.972	0.0	43.785	1.15	0.0	43.608	0.909	0.0	41.518	1.145
9	13019	13020	SN	1	0.0	44.581	3.983	0.0	55.069	4.415	0.0	43.038	3.739	0.0	47.219	4.843	0.0	44.121	4.014	0.0	50.884	4.26	0.0	41.253	4.047	0.0	45.73	4.727
10	13019	13020	SN	1	0.0	43.978	3.942	0.0	47.852	4.342	0.0	44.575	3.71	0.0	47.17	4.836	0.0	44.594	3.891	0.0	46.64	4.208	0.0	42.791	4.004	0.0	45.679	4.814
11	13019	13020	NS	1	0.0	54.837	1.259	0.0	42.003	1.553	0.0	44.965	1.244	0.0	40.644	1.405	0.0	56.691	1.234	0.0	45.296	1.46	0.0	45.979	1.209	0.0	40.989	1.277
12	13019	13020	SN	1	0.0	40.055	1.042	0.0	39.759	1.333	0.0	37.871	1.114	0.0	47.4	1.761	0.0	39.929	1.131	0.0	37.9	1.321	0.0	39.059	1.128	0.0	43.181	1.658
13	13019	13020	SN	1	0.0	40.055	1.085	0.0	40.607	1.335	0.0	38.706	1.11	0.0	47.855	1.761	0.0	39.929	1.126	0.0	40.851	1.342	0.0	39.105	1.105	0.0	43.636	1.676
14	13019	13020	SN	1	0.0	40.055	1.071	0.0	40.607	1.32	0.0	38.706	1.095	0.0	47.855	1.739	0.0	39.929	1.114	0.0	40.851	1.327	0.0	39.105	1.088	0.0	43.636	1.655
15	13019	13020	SN	1	0.0	43.978	3.891	0.0	47.852	4.287	0.0	44.575	3.669	0.0	47.17	4.766	0.0	44.594	3.841	0.0	46.64	4.155	0.0	42.791	3.959	0.0	45.679	4.752
16	13019	13020	NS	1	0.0	54.837	4.217	0.0	49.747	5.177	0.0	41.719	4.129	0.0	44.405	4.453	0.0	56.691	4.329	0.0	49.779	5.167	0.0	43.576	4.122	0.0	45.155	4.247
17	13019	13020	NS	1	0.0	46.6	1.177	0.0	54.611	1.6	0.0	40.4	1.152	0.0	44.308	1.454	0.0	48.372	1.202	0.0	52.426	1.527	0.0	39.581	1.204	0.0	40.4	1.274
18	13019	13020	NS	1	0.0	50.672	4.173	0.0	50.536	5.179	0.0	42.821	4.079	0.0	49.298	4.447	0.0	51.148	4.184	0.0	47.901	5.016	0.0	42.65	4.057	0.0	46.681	4.34
19	13020	13021	NS	1	0.0	51.029	1.042	0.0	42.638	1.466	0.0	38.853	1.25	0.0	41.141	1.601	0.0	49.517	1.035	0.0	43.722	1.357	0.0	36.798	1.275	0.0	42.019	1.436
20	13020	13021	SN	1	0.0	45.717	0.433	0.0	45.084	0.685	0.0	41.93	0.667	0.0	39.032	1.005	0.0	44.479	0.401	0.0	46.987	0.57	0.0	40.359	0.555	0.0	39.304	0.673
21	13020	13021	NS	1	0.0	45.824	3.59	0.0	42.447	5.057	0.0	48.491	3.656	0.0	45.165	4.525	0.0	47.773	3.814	0.0	42.681	4.986	0.0	47.242	3.557	0.0	48.914	4.354
22	13020	13021	SN	1	0.0	45.717	0.44	0.0	45.084	0.697	0.0	41.93	0.673	0.0	39.032	1.012	0.0	44.479	0.406	0.0	46.987	0.578	0.0	40.359	0.561	0.0	39.304	0.683
23	13020	13021	SN	1	0.0	39.852	1.705	0.0	41.638	2.45	0.0	43.401	1.943	0.0	50.463	2.998	0.0	39.617	1.829	0.0	42.189	2.119	0.0	41.969	1.777	0.0	51.812	2.259
24	13020	13021	SN	1	0.0	39.852	1.688	0.0	41.638	2.422	0.0	43.401	1.904	0.0	50.463	2.945	0.0	39.617	1.799	0.0	42.189	2.117	0.0	41.969	1.748	0.0	51.812	2.217
25	13021	13022	NS	1	0.0	47.482	0.595	0.0	44.691	1.112	0.0	45.503	0.814	0.0	40.666	1.248	0.0	46.733	0.561	0.0	45.019	0.992	0.0	47.847	0.791	0.0	38.165	1.077
26	13021	13022	NS	1	0.0	49.089	2.431	0.0	50.366	3.98	0.0	39.801	2.716	0.0	49.247	4.09	0.0	48.894	2.4	0.0	48.347	3.705	0.0	40.13	2.73	0.0	49.053	3.62
27	13021	13022	SN	1	0.0	48.421	0.838	0.0	45.106	1.147	0.0	38.841	1.016	0.0	41.761	1.634	0.0	48.671	0.844	0.0	43.796	1.021	0.0	38.618	0.966	0.0	43.608	1.219
28	13021	13022	SN	1	0.0	48.421	0.867	0.0	45.106	1.172	0.0	38.841	1.041	0.0	41.761	1.673	0.0	48.671	0.879	0.0	43.796	1.043	0.0	38.618	0.99	0.0	43.608	1.255
29	13021	13022	SN	1	0.0	40.822	3.502	0.0	40.335	4.403	0.0	41.139	3.115	0.0	41.142	4.407	0.0	41.034	3.533	0.0	41.597	3.88	0.0	39.945	3.064	0.0	40.489	3.646
30	13021	13022	SN	1	0.0	40.822	3.379	0.0	40.335	4.291	0.0	40.887	3.028	0.0	41.142	4.301	0.0	41.034	3.399	0.0	41.597	3.781	0.0	39.693	2.978	0.0	40.489	3.581
31	13022	13023	SN	1	0.0	47.146	1.7	0.0	43.345	2.265	0.0	38.537	1.731	0.0	39.039	2.387	0.0	47.283	1.676	0.0	41.528	2.208	0.0	37.08	1.74	0.0	39.795	2.257

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

32	13022	13023	SN	1	0.0	47.146	1.638	0.0	43.345	2.188	0.0	44.653	1.67	0.0	39.039	2.315	0.0	47.283	1.622	0.0	41.528	2.131	0.0	43.767	1.675	0.0	39.795	2.179
33	13022	13023	NS	1	0.0	47.016	0.744	0.0	41.542	0.974	0.0	36.833	0.803	0.0	38.567	1.302	0.0	47.414	0.737	0.0	39.842	0.901	0.0	38.128	0.729	0.0	41.113	1.165
34	13022	13023	NS	1	0.0	41.552	2.923	0.0	43.232	3.878	0.0	46.009	2.824	0.0	41.319	3.649	0.0	44.108	2.964	0.0	43.481	3.654	0.0	44.715	2.688	0.0	41.961	3.399
35	13022	13023	SN	1	0.0	48.262	6.218	0.0	44.023	7.307	0.0	39.368	5.454	0.0	39.694	6.784	0.0	48.812	6.258	0.0	43.584	7.378	0.0	39.169	5.561	0.0	39.02	6.347
36	13022	13023	SN	1	0.0	48.262	6.452	0.0	44.023	7.578	0.0	39.498	5.662	0.0	39.694	7.06	0.0	48.812	6.494	0.0	43.584	7.663	0.0	39.298	5.779	0.0	39.02	6.674
37	13023	13024	SN	1	0.0	51.419	7.848	0.0	51.314	9.3	0.0	42.116	6.182	0.0	47.955	7.963	0.0	52.35	7.91	0.0	49.276	9.069	0.0	43.265	6.017	0.0	49.247	7.633
38	13023	13024	NS	1	0.0	41.771	3.924	0.0	53.71	4.453	0.0	40.453	4.187	0.0	46.978	5.211	0.0	41.51	4.015	0.0	55.326	4.127	0.0	40.285	3.916	0.0	45.472	4.726
39	13023	13024	NS	1	0.0	44.348	1.121	0.0	48.081	1.363	0.0	37.239	1.24	0.0	42.074	1.558	0.0	43.341	1.057	0.0	50.037	1.363	0.0	38.157	1.249	0.0	39.966	1.457
40	13023	13024	SN	1	0.0	51.419	7.712	0.0	51.314	9.132	0.0	42.116	6.064	0.0	47.955	7.819	0.0	52.35	7.773	0.0	49.276	8.906	0.0	43.265	5.908	0.0	49.247	7.494
41	13023	13024	SN	1	0.0	43.684	2.079	0.0	40.757	2.814	0.0	38.298	1.763	0.0	48.121	2.733	0.0	45.508	2.047	0.0	42.608	2.733	0.0	36.196	1.751	0.0	47.509	2.527
42	13023	13024	SN	1	0.0	43.684	2.113	0.0	40.757	2.861	0.0	36.432	1.798	0.0	48.121	2.783	0.0	45.508	2.078	0.0	42.608	2.78	0.0	36.196	1.782	0.0	47.509	2.572
43	13024	13025	NS	1	0.0	41.127	2.827	0.0	50.468	4.453	0.0	46.319	2.537	0.0	46.611	3.754	0.0	40.879	2.766	0.0	50.635	3.985	0.0	47.896	2.302	0.0	45.975	2.992
44	13024	13025	SN	1	0.0	54.833	5.182	0.0	52.926	5.446	0.0	45.61	4.203	0.0	43.212	4.889	0.0	53.858	5.33	0.0	51.622	5.223	0.0	44.825	4.248	0.0	43.248	4.279
45	13024	13025	NS	1	0.0	47.347	0.664	0.0	39.597	1.046	0.0	41.257	0.756	0.0	39.537	1.101	0.0	47.178	0.641	0.0	38.394	0.888	0.0	41.924	0.687	0.0	40.821	0.861
46	13024	13025	SN	1	0.0	49.506	1.328	0.0	53.107	1.525	0.0	46.33	1.052	0.0	44.996	1.531	0.0	49.263	1.304	0.0	53.313	1.473	0.0	44.667	1.03	0.0	40.492	1.287
47	13025	13026	SN	1	0.0	57.233	1.744	0.0	47.646	2.311	0.0	45.273	1.425	0.0	45.541	2.147	0.0	58.965	1.767	0.0	50.91	2.196	0.0	45.196	1.427	0.0	46.147	1.991
48	13025	13026	SN	1	0.0	49.64	1.84	0.0	53.582	2.612	0.0	46.011	1.618	0.0	43.068	2.486	0.0	50.113	1.842	0.0	56.727	2.428	0.0	44.518	1.569	0.0	43.049	2.25
49	13025	13026	SN	1	0.0	58.354	6.77	0.0	56.922	8.53	0.0	49.424	5.121	0.0	48.178	7.727	0.0	59.125	6.885	0.0	56.565	8.464	0.0	50.008	5.174	0.0	48.451	7.476
50	13025	13026	SN	1	0.0	57.403	1.77	0.0	47.365	2.298	0.0	45.245	1.432	0.0	45.584	2.154	0.0	59.136	1.762	0.0	50.627	2.19	0.0	45.165	1.44	0.0	46.192	1.991
51	13025	13026	SN	1	0.0	57.757	6.106	0.0	45.817	7.73	0.0	44.413	4.616	0.0	49.034	6.903	0.0	58.606	6.14	0.0	46.42	7.59	0.0	45.459	4.639	0.0	51.025	6.528
52	13025	13026	SN	1	0.0	57.599	6.106	0.0	52.912	7.8	0.0	44.442	4.647	0.0	47.335	6.895	0.0	58.449	6.174	0.0	54.794	7.672	0.0	45.097	4.67	0.0	49.325	6.455
53	13026	13027	NS	1	0.0	51.48	1.073	0.0	47.575	1.634	0.0	40.575	0.998	0.0	45.773	1.53	0.0	51.846	1.08	0.0	48.639	1.556	0.0	41.966	0.959	0.0	44.668	1.37
54	13026	13027	SN	1	0.0	44.278	4.184	0.0	56.097	4.141	0.0	45.211	4.176	0.0	38.14	4.888	0.0	44.679	4.234	0.0	56.735	4.212	0.0	46.142	4.275	0.0	40.982	4.987
55	13026	13027	SN	1	0.0	55.362	1.156	0.0	40.767	1.439	0.0	37.555	1.385	0.0	47.451	1.658	0.0	54.185	1.242	0.0	42.27	1.437	0.0	37.431	1.427	0.0	44.749	1.681
56	13026	13027	SN	1	0.0	44.278	4.184	0.0	56.097	4.141	0.0	45.211	4.176	0.0	38.14	4.888	0.0	44.679	4.234	0.0	56.735	4.212	0.0	46.142	4.275	0.0	40.982	4.987
57	13026	13027	NS	1	0.0	50.734	4.045	0.0	54.645	5.401	0.0	47.236	3.663	0.0	48.109	4.953	0.0	51.689	4.106	0.0	53.852	5.136	0.0	48.415	3.599	0.0	46.037	4.561
58	13026	13027	SN	1	0.0	55.362	1.156	0.0	40.767	1.439	0.0	37.555	1.385	0.0	47.451	1.658	0.0	54.185	1.242	0.0	42.27	1.437	0.0	37.431	1.427	0.0	44.749	1.681
59	13026	13027	NS	1	0.0	50.276	4.025	0.0	54.645	5.401	0.0	43.641	3.67	0.0	48.109	4.903	0.0	51.224	4.096	0.0	53.852	5.106	0.0	43.359	3.641	0.0	46.037	4.554
60	13026	13027	NS	1	0.0	51.48	1.08	0.0	47.575	1.624	0.0	43.84	1.003	0.0	45.773	1.532	0.0	51.846	1.094	0.0	48.639	1.543	0.0	45.558	0.955	0.0	44.668	1.368
61	13027	13028	SN	1	0.0	49.377	7.471	0.0	54.091	7.234	0.0	48.449	5.015	0.0	52.19	6.342	0.0	50.058	7.522	0.0	55.182	6.685	0.0	48.466	5.029	0.0	45.932	5.736
62	13027	13028	NS	1	0.0	46.467	2.878	0.0	50.445	3.858	0.0	36.833	2.914	0.0	40.85	3.657	0.0	45.903	2.868	0.0	51.53	3.634	0.0	37.809	2.8	0.0	37.735	3.308
63	13027	13028	NS	1	0.0	53.302	2.837	0.0	49.272	3.796	0.0	34.755	2.914	0.0	41.223	3.628	0.0	52.744	2.837	0.0	50.354	3.664	0.0	36.119	2.764	0.0	37.978	3.251
64	13027	13028	NS	1	0.0	42.457	0.765	0.0	46.322	1.132	0.0	46.39	0.942	0.0	38.137	1.202	0.0	41.395	0.787	0.0	46.325	1.064	0.0	46.097	0.869	0.0	36.523	1.073
65	13027	13028	NS	1	0.0	43.831	0.762	0.0	47.587	1.146	0.0	46.026	0.908	0.0	41.17	1.227	0.0	42.769	0.785	0.0	47.559	1.089	0.0	44.878	0.853	0.0	40.969	1.093
66	13027	13028	SN	1	0.0	52.822	1.787	0.0	48.119	2.106	0.0	39.752	1.555	0.0	47.637	2.075	0.0	53.012	1.821	0.0	45.234	1.919	0.0	38.597	1.495	0.0	46.516	1.867
67	13028	13029	SN	1	0.0	47.488	0.76	0.0	41.989	1.038	0.0	40.53	0.712	0.0	45.774	1.091	0.0	47.226	0.754	0.0	41.837	0.913	0.0	42.128	0.659	0.0	42.633	0.879

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

68	13028	13029	SN	1	0.0	50.486	0.756	0.0	41.931	1.038	0.0	39.996	0.716	0.0	45.774	1.102	0.0	50.223	0.745	0.0	41.492	0.922	0.0	39.882	0.668	0.0	43.468	0.875
69	13028	13029	SN	1	0.0	47.168	2.334	0.0	48.494	2.994	0.0	48.025	2.51	0.0	42.467	3.847	0.0	47.932	2.405	0.0	48.645	2.608	0.0	49.606	2.396	0.0	43.429	3.123
70	13028	13029	SN	1	0.0	46.079	2.293	0.0	50.312	3.005	0.0	45.951	2.581	0.0	42.96	3.854	0.0	47.362	2.365	0.0	49.22	2.619	0.0	46.778	2.404	0.0	43.922	3.101
71	13028	13029	NS	1	0.0	40.556	0.576	0.0	48.571	1.066	0.0	41.726	0.705	0.0	38.964	1.199	0.0	39.525	0.558	0.0	49.585	0.976	0.0	39.046	0.646	0.0	38.691	0.926
72	13028	13029	NS	1	0.0	43.293	1.654	0.0	48.727	2.966	0.0	40.1	2.198	0.0	40.067	3.278	0.0	45.027	1.685	0.0	47.581	2.677	0.0	39.469	2.106	0.0	37.203	2.677
73	13029	13030	SN	1	0.0	46.585	2.202	0.0	44.227	3.298	0.0	43.861	2.177	0.0	51.531	3.37	0.0	46.553	2.172	0.0	45.113	2.997	0.0	42.523	1.905	0.0	50.249	2.435
74	13029	13030	NS	1	0.0	40.553	1.241	0.0	40.324	1.878	0.0	39.732	1.548	0.0	41.752	2.057	0.0	40.657	1.189	0.0	42.194	1.743	0.0	40.751	1.491	0.0	43.526	1.923
75	13029	13030	SN	1	0.0	43.726	0.566	0.0	43.547	0.958	0.0	42.974	0.688	0.0	41.177	1.179	0.0	44.922	0.544	0.0	41.841	0.814	0.0	40.885	0.589	0.0	42.835	0.877
76	13029	13030	NS	1	0.0	40.553	1.241	0.0	40.324	1.878	0.0	39.732	1.548	0.0	41.752	2.057	0.0	40.657	1.189	0.0	42.194	1.743	0.0	40.751	1.491	0.0	43.526	1.923
77	13029	13030	NS	1	0.0	46.299	4.015	0.0	47.018	5.456	0.0	38.725	4.373	0.0	39.747	5.879	0.0	47.262	3.994	0.0	48.309	5.18	0.0	38.068	4.316	0.0	39.583	5.642
78	13029	13030	NS	1	0.0	46.299	4.015	0.0	47.018	5.456	0.0	38.725	4.373	0.0	39.747	5.879	0.0	47.262	3.994	0.0	48.309	5.18	0.0	38.068	4.316	0.0	39.583	5.642
79	13029	13030	SN	1	0.0	51.644	0.559	0.0	41.831	0.877	0.0	39.586	0.694	0.0	41.316	1.063	0.0	52.841	0.54	0.0	41.778	0.729	0.0	38.191	0.61	0.0	36.538	0.775
80	13029	13030	SN	1	0.0	46.631	2.327	0.0	47.239	3.676	0.0	43.251	2.408	0.0	47.655	3.543	0.0	46.6	2.276	0.0	46.924	3.348	0.0	44.645	2.167	0.0	46.354	2.675
81	13030	13031	SN	1	0.0	50.072	0.955	0.0	39.111	1.446	0.0	43.127	1.028	0.0	43.301	1.582	0.0	50.744	0.964	0.0	40.065	1.326	0.0	40.906	1.004	0.0	39.657	1.401
82	13030	13031	NS	1	0.0	45.457	1.695	0.0	40.702	1.863	0.0	40.66	1.53	0.0	41.229	2.089	0.0	47.094	1.691	0.0	42.62	1.767	0.0	41.974	1.573	0.0	43.165	1.945
83	13030	13031	SN	1	0.0	50.072	0.955	0.0	39.111	1.446	0.0	43.127	1.028	0.0	43.301	1.582	0.0	50.744	0.964	0.0	40.065	1.326	0.0	40.906	1.004	0.0	39.657	1.401
84	13030	13031	NS	1	0.0	45.124	5.717	0.0	47.835	6.103	0.0	50.219	4.866	0.0	50.174	6.145	0.0	46.265	5.758	0.0	46.289	5.736	0.0	50.664	4.994	0.0	50.553	6.267
85	13030	13031	NS	1	0.0	45.457	1.806	0.0	40.702	1.997	0.0	40.66	1.639	0.0	41.229	2.244	0.0	47.094	1.803	0.0	42.62	1.895	0.0	41.974	1.685	0.0	43.165	2.087
86	13030	13031	NS	1	0.0	45.124	5.716	0.0	47.835	6.103	0.0	50.219	4.866	0.0	50.174	6.145	0.0	46.265	5.756	0.0	46.289	5.736	0.0	50.664	4.994	0.0	50.553	6.267
87	13030	13031	NS	1	0.0	45.124	6.047	0.0	47.835	6.548	0.0	50.219	5.195	0.0	50.174	6.578	0.0	46.265	6.102	0.0	46.289	6.154	0.0	50.664	5.333	0.0	50.553	6.709
88	13030	13031	SN	1	0.0	49.035	3.516	0.0	51.552	4.294	0.0	45.862	3.741	0.0	38.647	4.662	0.0	51.075	3.557	0.0	49.665	3.938	0.0	46.849	3.656	0.0	37.17	4.227
89	13030	13031	SN	1	0.0	49.035	3.516	0.0	51.552	4.294	0.0	45.862	3.741	0.0	38.647	4.662	0.0	51.075	3.557	0.0	49.665	3.938	0.0	46.849	3.656	0.0	37.17	4.227
90	13030	13031	NS	1	0.0	45.457	1.695	0.0	40.702	1.863	0.0	40.66	1.53	0.0	41.229	2.089	0.0	47.094	1.691	0.0	42.62	1.767	0.0	41.974	1.573	0.0	43.165	1.945
91	13031	13032	NS	1	0.0	52.442	5.845	0.0	56.577	6.924	0.0	48.22	4.948	0.0	47.536	6.659	0.0	51.647	5.926	0.0	57.342	6.532	0.0	48.346	4.812	0.0	47.312	6.174
92	13031	13032	SN	1	0.0	48.44	3.5	0.0	43.857	5.653	0.0	43.474	3.547	0.0	42.303	5.519	0.0	48.658	3.56	0.0	43.767	5.025	0.0	43.883	3.398	0.0	44.463	4.831
93	13031	13032	NS	1	0.0	52.442	6.586	0.0	56.577	7.834	0.0	48.22	5.55	0.0	47.536	7.605	0.0	51.647	6.701	0.0	57.342	7.399	0.0	48.346	5.38	0.0	47.312	7.052
94	13031	13032	NS	1	0.0	52.442	5.845	0.0	56.577	6.924	0.0	48.22	4.948	0.0	47.536	6.659	0.0	51.647	5.926	0.0	57.342	6.532	0.0	48.346	4.812	0.0	47.312	6.174
95	13031	13032	NS	1	0.0	49.292	1.509	0.0	50.61	1.865	0.0	39.53	1.476	0.0	39.58	2.124	0.0	48.928	1.531	0.0	50.362	1.764	0.0	40.683	1.44	0.0	37.217	1.851
96	13031	13032	SN	1	0.0	46.507	0.965	0.0	42.405	1.575	0.0	38.41	1.021	0.0	38.717	1.975	0.0	46.527	0.945	0.0	40.788	1.394	0.0	37.976	0.939	0.0	37.248	1.624
97	13031	13032	SN	1	0.0	46.507	0.965	0.0	42.405	1.575	0.0	38.41	1.021	0.0	38.717	1.975	0.0	46.527	0.945	0.0	40.788	1.394	0.0	37.976	0.939	0.0	37.248	1.624
98	13031	13032	NS	1	0.0	49.292	1.696	0.0	50.61	2.115	0.0	39.517	1.656	0.0	39.58	2.409	0.0	48.928	1.722	0.0	50.362	2.002	0.0	40.683	1.61	0.0	37.217	2.102
99	13031	13032	SN	1	0.0	48.44	3.829	0.0	43.857	6.119	0.0	43.474	3.807	0.0	45.865	5.974	0.0	48.658	3.896	0.0	43.767	5.476	0.0	43.883	3.706	0.0	44.463	5.213
100	13031	13032	SN	1	0.0	46.507	1.054	0.0	40.084	1.716	0.0	38.41	1.1	0.0	38.717	2.149	0.0	46.527	1.029	0.0	40.356	1.521	0.0	37.976	1.015	0.0	37.248	1.774
101	13031	13032	SN	1	0.0	48.44	3.5	0.0	43.857	5.653	0.0	43.474	3.547	0.0	42.303	5.519	0.0	48.658	3.56	0.0	43.767	5.025	0.0	43.883	3.398	0.0	44.463	4.831
102	13031	13032	NS	1	0.0	49.292	1.509	0.0	50.61	1.865	0.0	39.53	1.473	0.0	39.58	2.124	0.0	48.928	1.531	0.0	50.362	1.764	0.0	40.683	1.437	0.0	37.217	1.851
103	13032	13033	SN	1	0.0	44.977	3.096	0.0	46.608	3.694	0.0	47.363	2.654	0.0	47.544	3.372	0.0	44.249	3.128	0.0	46.731	3.426	0.0	45.571	2.46	0.0	47.097	3.034

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

104	13032	13033	SN	1	0.0	45.964	0.805	0.0	52.607	1.034	0.0	46.931	0.815	0.0	40.047	1.073	0.0	43.849	0.784	0.0	52.396	0.958	0.0	45.126	0.748	0.0	38.136	0.923
105	13032	13033	SN	1	0.0	45.964	0.761	0.0	52.607	0.978	0.0	46.931	0.789	0.0	41.622	1.023	0.0	43.849	0.736	0.0	52.396	0.908	0.0	45.126	0.718	0.0	38.136	0.873
106	13032	13033	SN	1	0.0	44.977	2.933	0.0	46.608	3.506	0.0	47.363	2.566	0.0	47.544	3.22	0.0	44.249	2.923	0.0	46.731	3.252	0.0	45.571	2.381	0.0	47.097	2.878
107	13032	13033	NS	1	0.0	43.837	0.985	0.0	46.22	1.37	0.0	42.266	1.028	0.0	46.074	1.426	0.0	42.958	0.994	0.0	45.55	1.32	0.0	41.772	0.931	0.0	44.922	1.235
108	13032	13033	SN	1	0.0	44.977	2.933	0.0	46.608	3.506	0.0	47.363	2.566	0.0	47.544	3.22	0.0	44.249	2.923	0.0	46.731	3.252	0.0	45.571	2.381	0.0	47.097	2.878
109	13032	13033	NS	1	0.0	43.836	0.983	0.0	45.791	1.386	0.0	40.299	1.024	0.0	45.356	1.451	0.0	42.956	0.989	0.0	45.477	1.332	0.0	43.262	0.924	0.0	45.78	1.249
110	13032	13033	NS	1	0.0	48.257	3.906	0.0	56.439	5.148	0.0	50.149	3.777	0.0	48.064	5.145	0.0	49.511	3.896	0.0	53.951	4.924	0.0	49.867	3.556	0.0	45.171	4.504
111	13032	13033	NS	1	0.0	46.311	4.008	0.0	55.092	5.229	0.0	46.868	3.769	0.0	50.166	5.195	0.0	46.472	4.069	0.0	54.122	4.924	0.0	45.433	3.62	0.0	53.965	4.504
112	13032	13033	SN	1	0.0	45.964	0.761	0.0	52.607	0.978	0.0	46.931	0.789	0.0	41.622	1.023	0.0	43.849	0.736	0.0	52.396	0.908	0.0	45.126	0.718	0.0	38.136	0.873
113	13033	13034	NS	1	0.0	46.108	1.057	0.0	46.418	1.624	0.0	38.876	1.07	0.0	45.96	1.662	0.0	46.812	1.05	0.0	47.026	1.472	0.0	39.282	1.014	0.0	41.492	1.402
114	13033	13034	SN	1	0.0	47.903	1.166	0.0	46.198	1.538	0.0	38.448	1.181	0.0	44.817	1.462	0.0	47.907	1.253	0.0	48.037	1.49	0.0	36.785	1.213	0.0	47.835	1.506
115	13033	13034	NS	1	0.0	47.866	4.471	0.0	53.599	6.286	0.0	45.923	4.038	0.0	48.618	5.595	0.0	48.39	4.511	0.0	53.054	5.696	0.0	45.16	3.888	0.0	47.027	4.975
116	13033	13034	SN	1	0.0	49.417	4.079	0.0	46.534	4.959	0.0	41.557	3.871	0.0	47.994	4.938	0.0	48.687	4.11	0.0	47.307	4.959	0.0	41.683	4.029	0.0	48.912	4.924
117	13033	13034	SN	1	0.0	49.417	4.018	0.0	46.534	4.884	0.0	41.557	3.811	0.0	47.994	4.884	0.0	48.687	4.049	0.0	47.307	4.884	0.0	41.683	3.967	0.0	48.912	4.862
118	13033	13034	SN	1	0.0	49.417	3.988	0.0	47.762	4.894	0.0	44.108	3.846	0.0	47.996	4.869	0.0	48.354	4.038	0.0	48.53	4.884	0.0	42.743	3.946	0.0	48.914	4.834
119	13033	13034	SN	1	0.0	47.903	1.146	0.0	46.198	1.514	0.0	38.448	1.161	0.0	44.817	1.442	0.0	47.907	1.232	0.0	48.037	1.469	0.0	36.785	1.195	0.0	47.835	1.486
120	13033	13034	SN	1	0.0	47.903	1.151	0.0	53.772	1.517	0.0	39.408	1.177	0.0	44.569	1.463	0.0	47.907	1.246	0.0	52.799	1.471	0.0	39.436	1.198	0.0	47.587	1.491
121	13034	13035	SN	1	0.0	50.902	0.432	0.0	42.676	0.781	0.0	40.227	0.644	0.0	40.708	1.069	0.0	51.82	0.416	0.0	45.189	0.701	0.0	39.381	0.565	0.0	40.102	0.778
122	13034	13035	SN	1	0.0	50.902	0.426	0.0	42.569	0.782	0.0	40.227	0.635	0.0	42.552	1.068	0.0	51.82	0.411	0.0	45.189	0.7	0.0	39.381	0.561	0.0	40.465	0.77
123	13034	13035	NS	1	0.0	50.545	1.196	0.0	49.713	1.879	0.0	47.315	1.189	0.0	39.628	1.742	0.0	51.117	1.199	0.0	49.728	1.832	0.0	48.157	1.164	0.0	40.223	1.646
124	13034	13035	NS	1	0.0	46.741	1.162	0.0	50.09	1.759	0.0	41.037	1.314	0.0	42.3	1.837	0.0	47.207	1.183	0.0	51.702	1.78	0.0	42.199	1.247	0.0	41.165	1.716
125	13034	13035	NS	1	0.0	53.996	4.184	0.0	51.497	6.073	0.0	40.869	4.022	0.0	47.446	4.867	0.0	55.923	4.174	0.0	48.619	5.981	0.0	41.364	4.037	0.0	44.09	4.938
126	13034	13035	SN	1	0.0	39.353	1.528	0.0	44.564	2.146	0.0	41.37	2.09	0.0	43.076	2.929	0.0	39.581	1.456	0.0	46.197	1.659	0.0	40.337	1.795	0.0	44.903	2.26
127	13034	13035	SN	1	0.0	39.353	1.507	0.0	44.577	2.151	0.0	41.375	2.104	0.0	43.099	2.95	0.0	39.581	1.446	0.0	46.21	1.655	0.0	40.337	1.795	0.0	44.927	2.247
128	13034	13035	NS	1	0.0	51.588	4.183	0.0	49.45	6.116	0.0	42.095	4.061	0.0	41.463	5.062	0.0	52.812	4.204	0.0	48.263	5.923	0.0	43.377	3.99	0.0	43.202	4.826
129	13034	13035	SN	1	0.0	39.353	1.487	0.0	44.577	2.125	0.0	41.375	2.076	0.0	43.099	2.955	0.0	39.581	1.427	0.0	46.21	1.634	0.0	40.337	1.771	0.0	44.927	2.247
130	13034	13035	SN	1	0.0	50.902	0.432	0.0	42.569	0.791	0.0	40.227	0.644	0.0	40.674	1.071	0.0	51.82	0.416	0.0	45.189	0.71	0.0	39.381	0.567	0.0	40.398	0.778
131	13035	13036	SN	1	0.0	41.198	0.991	0.0	44.209	1.411	0.0	36.6	1.075	0.0	40.878	1.767	0.0	41.544	0.955	0.0	42.654	1.285	0.0	36.797	1.027	0.0	37.69	1.435
132	13035	13036	SN	1	0.0	39.687	3.707	0.0	46.63	4.736	0.0	42.66	3.247	0.0	46.886	4.894	0.0	40.667	3.667	0.0	46.65	4.408	0.0	42.875	3.183	0.0	47.216	4.054
133	13035	13036	NS	1	0.0	41.183	1.245	0.0	45.641	1.635	0.0	39.831	1.211	0.0	50.033	1.672	0.0	40.633	1.238	0.0	44.963	1.528	0.0	39.156	1.219	0.0	47.605	1.523
134	13035	13036	SN	1	0.0	39.824	3.718	0.0	40.966	4.705	0.0	41.568	3.169	0.0	46.886	4.966	0.0	41.248	3.677	0.0	40.927	4.295	0.0	41.644	3.141	0.0	47.216	4.09
135	13035	13036	SN	1	0.0	41.198	1.027	0.0	44.209	1.43	0.0	37.252	1.119	0.0	40.878	1.792	0.0	41.544	0.99	0.0	42.654	1.313	0.0	37.444	1.071	0.0	37.69	1.459
136	13035	13036	NS	1	0.0	50.202	4.655	0.0	52.094	5.139	0.0	46.464	4.108	0.0	50.655	4.99	0.0	50.86	4.655	0.0	49.673	5.057	0.0	48.216	4.015	0.0	50.331	4.645
137	13035	13036	SN	1	0.0	39.687	3.791	0.0	46.63	4.835	0.0	42.007	3.31	0.0	46.886	5.004	0.0	40.667	3.77	0.0	46.65	4.5	0.0	43.529	3.253	0.0	47.216	4.154
138	13035	13036	SN	1	0.0	39.753	1.036	0.0	44.608	1.374	0.0	38.435	1.121	0.0	39.315	1.763	0.0	41.544	0.984	0.0	43.05	1.262	0.0	36.562	1.048	0.0	38.419	1.446
139	13036	13037	NS	1	0.0	47.521	2.75	0.0	52.166	3.38	0.0	46.989	2.317	0.0	48.048	3.071	0.0	48.126	2.78	0.0	52.774	3.115	0.0	47.443	2.089	0.0	48.941	2.836

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

140	13036	13037	SN	1	0.0	39.677	1.463	0.0	44.916	2.025	0.0	41.922	1.581	0.0	38.663	2.248	0.0	40.311	1.45	0.0	46.328	1.857	0.0	42.327	1.451	0.0	39.275	2.081
141	13036	13037	NS	1	0.0	49.19	2.821	0.0	52.804	3.442	0.0	39.713	2.259	0.0	41.834	3.235	0.0	49.652	2.821	0.0	52.774	3.33	0.0	37.843	2.088	0.0	42.574	2.865
142	13036	13037	SN	1	0.0	40.038	1.504	0.0	44.916	2.086	0.0	41.922	1.634	0.0	41.062	2.319	0.0	40.311	1.495	0.0	46.328	1.914	0.0	42.327	1.501	0.0	42.261	2.143
143	13036	13037	SN	1	0.0	44.151	5.377	0.0	49.263	6.298	0.0	39.469	4.517	0.0	41.497	6.363	0.0	43.788	5.326	0.0	47.472	6.083	0.0	41.667	4.517	0.0	41.117	6.227
144	13036	13037	SN	1	0.0	43.745	5.377	0.0	46.486	6.278	0.0	40.664	4.496	0.0	41.166	6.335	0.0	44.401	5.387	0.0	47.768	6.062	0.0	42.152	4.489	0.0	40.787	6.292
145	13036	13037	SN	1	0.0	44.151	5.534	0.0	49.263	6.498	0.0	39.469	4.607	0.0	41.497	6.574	0.0	43.788	5.482	0.0	47.472	6.276	0.0	41.667	4.629	0.0	41.117	6.433
146	13036	13037	SN	1	0.0	39.676	1.441	0.0	44.818	2.031	0.0	45.094	1.501	0.0	38.786	2.234	0.0	40.181	1.436	0.0	45.746	1.857	0.0	45.498	1.423	0.0	39.986	2.092
147	13036	13037	NS	1	0.0	44.793	0.628	0.0	49.207	0.88	0.0	41.079	0.608	0.0	40.685	0.984	0.0	45.285	0.633	0.0	50.32	0.849	0.0	40.743	0.583	0.0	40.618	0.818
148	13037	13038	NS	1	0.0	55.192	0.822	0.0	45.646	1.019	0.0	44.094	0.861	0.0	42.631	1.299	0.0	55.245	0.803	0.0	44.398	0.923	0.0	44.222	0.772	0.0	41.984	1.014
149	13037	13038	SN	1	0.0	47.013	6.378	0.0	45.994	8.054	0.0	49.289	5.904	0.0	48.01	7.407	0.0	49.048	6.51	0.0	48.312	8.209	0.0	46.498	6.215	0.0	45.34	7.884
150	13037	13038	SN	1	0.0	47.013	6.378	0.0	45.994	8.054	0.0	49.289	5.904	0.0	48.01	7.407	0.0	49.048	6.51	0.0	48.312	8.209	0.0	46.498	6.215	0.0	45.34	7.884
151	13037	13038	NS	1	0.0	46.268	0.896	0.0	54.046	1.041	0.0	38.189	0.904	0.0	41.127	1.339	0.0	46.362	0.871	0.0	55.264	0.915	0.0	39.486	0.798	0.0	39.065	1.044
152	13037	13038	NS	1	0.0	45.585	2.917	0.0	54.009	3.73	0.0	41.31	3.129	0.0	49.753	3.767	0.0	45.975	2.855	0.0	50.723	3.289	0.0	43.924	2.773	0.0	51.365	3.186
153	13037	13038	SN	1	0.0	41.919	1.744	0.0	44.82	2.421	0.0	43.341	2.014	0.0	39.534	2.627	0.0	42.728	1.755	0.0	45.042	2.433	0.0	40.456	2.074	0.0	38.741	2.686
154	13037	13038	NS	1	0.0	45.886	3.181	0.0	49.089	3.472	0.0	43.002	3.124	0.0	44.88	4.03	0.0	45.671	3.151	0.0	47.445	3.052	0.0	42.015	2.803	0.0	45.946	3.248
155	13037	13038	SN	1	0.0	41.919	1.744	0.0	44.82	2.421	0.0	43.341	2.014	0.0	39.534	2.627	0.0	42.728	1.755	0.0	45.042	2.433	0.0	40.456	2.074	0.0	38.741	2.686
156	13037	13038	SN	1	0.0	41.919	1.824	0.0	44.82	2.527	0.0	43.341	2.115	0.0	39.534	2.737	0.0	42.728	1.836	0.0	45.042	2.541	0.0	40.456	2.172	0.0	38.741	2.801
157	13037	13038	SN	1	0.0	47.013	6.672	0.0	45.994	8.424	0.0	49.289	6.187	0.0	48.01	7.718	0.0	49.048	6.81	0.0	48.312	8.597	0.0	46.498	6.513	0.0	45.34	8.241
158	13038	13039	SN	1	0.0	49.179	5.004	0.0	43.977	6.044	0.0	39.865	4.437	0.0	46.724	6.156	0.0	49.221	4.95	0.0	45.702	5.696	0.0	40.084	4.255	0.0	47.846	5.509
159	13038	13039	NS	1	0.0	47.87	5.185	0.0	50.423	6.72	0.0	46.419	4.173	0.0	43.503	5.511	0.0	48.898	5.205	0.0	50.187	6.496	0.0	47.797	4.009	0.0	41.418	5.104
160	13038	13039	NS	1	0.0	43.519	5.217	0.0	56.02	6.901	0.0	43.584	4.51	0.0	49.577	5.594	0.0	43.762	5.207	0.0	57.687	6.606	0.0	43.293	4.36	0.0	48.661	5.331
161	13038	13039	NS	1	0.0	42.86	1.225	0.0	45.695	1.933	0.0	34.936	1.308	0.0	44.977	1.782	0.0	42.437	1.225	0.0	44.877	1.844	0.0	35.939	1.258	0.0	44.191	1.597
162	13038	13039	SN	1	0.0	38.267	1.362	0.0	48.879	1.82	0.0	39.195	1.243	0.0	44.13	1.917	0.0	40.01	1.388	0.0	49.074	1.591	0.0	38.358	1.128	0.0	41.418	1.569
163	13038	13039	SN	1	0.0	38.267	1.272	0.0	48.879	1.712	0.0	39.195	1.144	0.0	44.13	1.828	0.0	40.01	1.299	0.0	49.074	1.501	0.0	38.358	1.033	0.0	41.418	1.47
164	13038	13039	SN	1	0.0	49.179	4.703	0.0	43.977	5.67	0.0	46.791	4.167	0.0	46.724	5.882	0.0	49.221	4.632	0.0	45.755	5.324	0.0	44.453	3.983	0.0	47.846	5.184
165	13038	13039	NS	1	0.0	42.365	1.214	0.0	46.497	1.739	0.0	39.34	1.3	0.0	47.843	1.756	0.0	43.565	1.209	0.0	46.88	1.68	0.0	41.131	1.227	0.0	45.662	1.633
166	13038	13039	SN	1	0.0	48.98	4.713	0.0	43.692	5.68	0.0	46.791	4.075	0.0	45.582	5.918	0.0	49.021	4.632	0.0	45.759	5.344	0.0	44.453	3.969	0.0	47.878	5.183
167	13038	13039	SN	1	0.0	45.886	1.265	0.0	50.104	1.734	0.0	39.195	1.135	0.0	44.128	1.83	0.0	45.807	1.295	0.0	50.443	1.521	0.0	38.358	1.029	0.0	42.604	1.456
168	13039	13040	NS	1	0.0	45.041	2.983	0.0	47.317	4.134	0.0	40.355	2.972	0.0	41.975	3.814	0.0	45.561	3.055	0.0	48.529	3.849	0.0	41.801	2.78	0.0	42.057	3.372
169	13039	13040	NS	1	0.0	44.114	0.805	0.0	45.951	1.064	0.0	42.501	0.78	0.0	43.506	1.206	0.0	44.071	0.805	0.0	45.188	0.973	0.0	42.654	0.723	0.0	43.314	0.986
170	13039	13040	SN	1	0.0	47.986	7.858	0.0	56.447	8.511	0.0	44.373	5.584	0.0	54.792	7.508	0.0	48.197	7.825	0.0	53.061	8.195	0.0	43.612	5.241	0.0	48.86	6.423
171	13039	13040	SN	1	0.0	47.097	1.917	0.0	50.717	2.273	0.0	44.184	1.262	0.0	45.485	2.007	0.0	49.289	1.887	0.0	54.111	2.139	0.0	42.659	1.181	0.0	43.545	1.772
172	13039	13040	SN	1	0.0	47.097	2.098	0.0	50.717	2.484	0.0	44.184	1.367	0.0	45.485	2.162	0.0	49.289	2.068	0.0	54.111	2.34	0.0	41.346	1.287	0.0	43.545	1.923
173	13039	13040	SN	1	0.0	47.986	7.189	0.0	56.447	7.815	0.0	44.373	5.156	0.0	54.792	6.935	0.0	48.197	7.149	0.0	53.061	7.486	0.0	43.612	4.802	0.0	48.86	5.891
174	13040	13041	NS	1	0.0	43.294	1.07	0.0	47.654	1.676	0.0	36.307	0.849	0.0	40.562	1.359	0.0	44.532	1.059	0.0	48.176	1.553	0.0	35.863	0.828	0.0	39.503	1.172
175	13040	13041	SN	1	0.0	47.7	1.612	0.0	51.497	1.966	0.0	44.903	1.407	0.0	38.987	1.892	0.0	46.951	1.664	0.0	51.93	1.921	0.0	47.527	1.378	0.0	40.278	1.771

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

176	13040	13041	SN	1	0.0	52.445	5.315	0.0	54.717	5.974	0.0	44.311	5.025	0.0	44.863	6.229	0.0	51.537	5.295	0.0	52.693	5.758	0.0	42.694	4.996	0.0	44.793	5.855
177	13040	13041	NS	1	0.0	45.355	1.057	0.0	47.838	1.626	0.0	39.741	0.86	0.0	42.965	1.295	0.0	47.603	1.075	0.0	48.36	1.505	0.0	37.067	0.844	0.0	40.245	1.105
178	13040	13041	NS	1	0.0	45.647	3.647	0.0	50.299	5.301	0.0	45.448	3.3	0.0	44.885	4.395	0.0	46.765	3.647	0.0	48.686	5.005	0.0	46.31	3.243	0.0	47.682	3.836
179	13040	13041	NS	1	0.0	47.473	3.661	0.0	49.131	5.16	0.0	44.512	3.35	0.0	44.499	4.207	0.0	47.207	3.641	0.0	51.294	4.806	0.0	42.375	3.293	0.0	47.296	3.689
180	13041	13042	NS	1	0.0	42.954	1.085	0.0	43.963	1.41	0.0	38.822	1.312	0.0	40.465	1.622	0.0	43.214	1.103	0.0	44.493	1.432	0.0	39.436	1.26	0.0	41.943	1.576
181	13041	13042	NS	1	0.0	48.602	3.773	0.0	52.477	4.425	0.0	42.225	4.162	0.0	41.508	5.005	0.0	50.231	3.803	0.0	54.093	4.272	0.0	44.662	4.14	0.0	41.189	4.668

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	13018	13019	SN	1	0.0	24.404	7.079	0.0	24.062	8.307	0.0	151.376	4.293	0.0	65.447	5.647	0.0	1.429	0.0	1.815	0.0	0.0	1.883	0.0	0.0	2.174	0.0	
2	13018	13019	NS	1	0.0	255.391	4.868	0.0	25.601	6.23	0.0	145.047	1.197	0.0	24.641	1.268	0.0	1.381	0.0	1.746	0.0	0.0	1.81	0.0	0.0	2.101	0.0	
3	13018	13019	SN	1	0.0	24.404	7.079	0.0	24.062	8.307	0.0	151.376	4.293	0.0	65.447	5.648	0.0	1.429	0.0	1.815	0.0	0.0	1.883	0.0	0.0	2.174	0.0	
4	13018	13019	SN	1	0.0	28.198	12.684	0.0	27.343	12.683	0.0	157.139	13.096	0.0	17.488	14.161	0.0	1.431	0.0	1.817	0.0	0.0	1.875	0.0	0.0	2.176	0.0	
5	13018	13019	NS	1	0.0	149.956	11.562	0.0	29.445	13.135	0.0	357.022	7.831	0.0	37.728	9.489	0.0	1.397	0.0	1.749	0.0	0.0	1.807	0.0	0.0	2.102	0.0	
6	13018	13019	SN	1	0.0	28.198	12.668	0.0	27.343	12.982	0.0	157.139	12.92	0.0	93.201	14.588	0.0	1.431	0.0	1.817	0.0	0.0	1.875	0.0	0.0	2.176	0.0	
7	13018	13019	SN	1	0.0	28.198	12.668	0.0	27.343	12.982	0.0	157.139	12.92	0.0	93.201	14.588	0.0	1.431	0.0	1.817	0.0	0.0	1.875	0.0	0.0	2.176	0.0	
8	13018	13019	SN	1	0.0	24.404	7.136	0.0	24.062	8.318	0.0	151.376	4.365	0.0	16.766	5.572	0.0	1.429	0.0	1.815	0.0	0.0	1.883	0.0	0.0	2.174	0.0	
9	13019	13020	SN	1	0.0	28.071	12.789	0.0	27.36	12.904	0.0	153.67	13.053	0.0	21.823	14.507	0.0	1.417	0.0	1.817	0.0	0.0	1.875	0.0	0.0	2.176	0.0	
10	13019	13020	SN	1	0.0	28.077	12.8	0.0	27.36	12.914	0.0	153.714	13.067	0.0	21.817	14.499	0.0	1.417	0.0	1.817	0.0	0.0	1.875	0.0	0.0	2.176	0.0	
11	13019	13020	NS	1	0.0	218.43	4.817	0.0	25.612	6.196	0.0	247.091	1.166	0.0	21.271	1.24	0.0	1.378	0.0	1.746	0.0	0.0	1.81	0.0	0.0	2.1	0.0	
12	13019	13020	SN	1	0.0	24.404	7.205	0.0	24.051	8.446	0.0	151.657	4.39	0.0	16.766	5.677	0.0	1.422	0.0	1.815	0.0	0.0	1.883	0.0	0.0	2.175	0.0	
13	13019	13020	SN	1	0.0	24.404	7.209	0.0	24.056	8.442	0.0	151.723	4.394	0.0	16.766	5.679	0.0	1.422	0.0	1.816	0.0	0.0	1.883	0.0	0.0	2.175	0.0	
14	13019	13020	SN	1	0.0	24.404	7.181	0.0	24.056	8.436	0.0	151.723	4.354	0.0	67.834	5.744	0.0	1.422	0.0	1.816	0.0	0.0	1.883	0.0	0.0	2.175	0.0	
15	13019	13020	SN	1	0.0	28.077	12.796	0.0	27.36	13.096	0.0	153.714	12.967	0.0	114.577	14.72	0.0	1.417	0.0	1.817	0.0	0.0	1.875	0.0	0.0	2.176	0.0	
16	13019	13020	NS	1	0.0	263.253	11.521	0.0	30.658	13.1	0.0	231.065	7.659	0.0	38.236	9.369	0.0	1.396	0.0	1.749	0.0	0.0	1.807	0.0	0.0	2.099	0.0	
17	13019	13020	NS	1	0.0	201.309	4.807	0.0	20.444	6.192	0.0	113.606	1.147	0.0	24.994	1.251	0.0	1.378	0.0	1.746	0.0	0.0	1.81	0.0	0.0	2.099	0.0	
18	13019	13020	NS	1	0.0	23.003	11.513	0.0	29.489	13.084	0.0	175.115	7.658	0.0	36.074	9.371	0.0	1.396	0.0	1.749	0.0	0.0	1.804	0.0	0.0	2.098	0.0	
19	13020	13021	NS	1	0.0	20.736	4.817	0.0	19.258	6.167	0.0	167.008	1.188	0.0	21.486	1.252	0.0	1.377	0.0	1.745	0.0	0.0	1.81	0.0	0.0	2.1	0.0	
20	13020	13021	SN	1	0.0	24.647	7.19	0.0	127.201	8.396	0.0	178.598	4.357	0.0	95.578	5.648	0.0	1.428	0.0	1.815	0.0	0.0	1.881	0.0	0.0	2.175	0.0	
21	13020	13021	NS	1	0.0	151.599	11.595	0.0	29.516	13.137	0.0	124.168	7.762	0.0	36.746	9.334	0.0	1.394	0.0	1.748	0.0	0.0	1.802	0.0	0.0	2.099	0.0	
22	13020	13021	SN	1	0.0	24.647	7.225	0.0	127.201	8.403	0.0	178.598	4.406	0.0	95.578	5.575	0.0	1.428	0.0	1.815	0.0	0.0	1.881	0.0	0.0	2.175	0.0	
23	13020	13021	SN	1	0.0	28.06	12.698	0.0	26.825	12.889	0.0	163.707	13.032	0.0	195.388	14.375	0.0	1.428	0.0	1.816	0.0	0.0	1.879	0.0	0.0	2.176	0.0	
24	13020	13021	SN	1	0.0	28.06	12.687	0.0	26.825	13.089	0.0	163.707	12.903	0.0	195.388	14.667	0.0	1.428	0.0	1.816	0.0	0.0	1.879	0.0	0.0	2.176	0.0	
25	13021	13022	NS	1	0.0	263.551	4.785	0.0	19.258	6.17	0.0	348.275	1.186	0.0	31.777	1.238	0.0	1.378	0.0	1.749	0.0	0.0	1.809	0.0	0.0	2.099	0.0	
26	13021	13022	NS	1	0.0	211.36	11.553	0.0	29.527	13.111	0.0	357.424	7.727	0.0	50.705	9.342	0.0	1.394	0.0	1.748	0.0	0.0	1.808	0.0	0.0	2.106	0.0	
27	13021	13022	SN	1	0.0	24.404	7.152	0.0	24.056	8.375	0.0	174.605	4.436	0.0	76.943	5.663	0.0	1.424	0.0	1.816	0.0	0.0	1.881	0.0	0.0	2.174	0.0	
28	13021	13022	SN	1	0.0	24.404	7.21	0.0	24.056	8.392	0.0	174.605	4.51	0.0	16.771	5.579	0.0	1.424	0.0	1.816	0.0	0.0	1.881	0.0	0.0	2.174	0.0	
29	13021	13022	SN	1	0.0	28.104	12.688	0.0	26.819	12.603	0.0	89.531	12.875	0.0	16.843	14.108	0.0	1.43	0.0	1.816	0.0	0.0	1.877	0.0	0.0	2.175	0.0	
30	13021	13022	SN	1	0.0	28.104	12.664	0.0	26.825	12.924	0.0	89.531	12.7	0.0	82.336	14.573	0.0	1.43	0.0	1.816	0.0	0.0	1.877	0.0	0.0	2.175	0.0	
31	13022	13023	SN	1	0.0	24.393	7.297	0.0	24.056	8.457	0.0	173.987	4.471	0.0	83.754	5.544	0.0	1.426	0.0	1.815	0.0	0.0	1.881	0.0	0.0	2.175	0.0	

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

32	13022	13023	SN	1	0.0	24.393	7.209	0.0	24.056	8.431	0.0	173.987	4.357	0.0	83.754	5.614	0.0	1.426	0.0	0.0	1.815	0.0	0.0	1.881	0.0	0.0	2.175	0.0
33	13022	13023	NS	1	0.0	141.854	4.781	0.0	19.253	6.156	0.0	230.409	1.182	0.0	23.312	1.264	0.0	1.385	0.0	0.0	1.747	0.0	0.0	1.81	0.0	0.0	2.099	0.0
34	13022	13023	NS	1	0.0	260.493	11.518	0.0	27.889	13.121	0.0	355.114	7.779	0.0	36.813	9.386	0.0	1.396	0.0	0.0	1.75	0.0	0.0	1.806	0.0	0.0	2.097	0.0
35	13022	13023	SN	1	0.0	28.126	12.689	0.0	27.36	12.966	0.0	149.65	12.878	0.0	104.727	14.628	0.0	1.413	0.0	0.0	1.816	0.0	0.0	1.879	0.0	0.0	2.176	0.0
36	13022	13023	SN	1	0.0	28.126	12.726	0.0	27.36	12.492	0.0	149.65	13.154	0.0	35.211	14.046	0.0	1.413	0.0	0.0	1.816	0.0	0.0	1.879	0.0	0.0	2.176	0.0
37	13023	13024	SN	1	0.0	26.444	12.715	0.0	27.349	12.801	0.0	150.477	12.977	0.0	18.817	14.51	0.0	1.438	0.0	0.0	1.816	0.0	0.0	1.881	0.0	0.0	2.175	0.0
38	13023	13024	NS	1	0.0	90.752	11.527	0.0	29.538	13.064	0.0	356.741	7.703	0.0	59.148	9.373	0.0	1.393	0.0	0.0	1.749	0.0	0.0	1.806	0.0	0.0	2.097	0.0
39	13023	13024	NS	1	0.0	159.794	4.77	0.0	19.247	6.16	0.0	247.704	1.188	0.0	39.62	1.232	0.0	1.378	0.0	0.0	1.745	0.0	0.0	1.808	0.0	0.0	2.099	0.0
40	13023	13024	SN	1	0.0	26.444	12.698	0.0	27.349	12.983	0.0	150.477	12.858	0.0	108.522	14.83	0.0	1.438	0.0	0.0	1.816	0.0	0.0	1.881	0.0	0.0	2.175	0.0
41	13023	13024	SN	1	0.0	24.376	7.153	0.0	24.045	8.48	0.0	164.088	4.41	0.0	68.325	5.714	0.0	1.432	0.0	0.0	1.815	0.0	0.0	1.882	0.0	0.0	2.175	0.0
42	13023	13024	SN	1	0.0	24.376	7.202	0.0	24.045	8.5	0.0	164.088	4.463	0.0	16.766	5.636	0.0	1.432	0.0	0.0	1.815	0.0	0.0	1.882	0.0	0.0	2.175	0.0
43	13024	13025	NS	1	0.0	268.203	11.511	0.0	31.452	13.105	0.0	249.286	7.932	0.0	37.811	9.425	0.0	1.395	0.0	0.0	1.749	0.0	0.0	1.807	0.0	0.0	2.102	0.0
44	13024	13025	SN	1	0.0	28.027	12.832	0.0	27.327	12.516	0.0	151.547	13.36	0.0	16.821	14.004	0.0	1.431	0.0	0.0	1.816	0.0	0.0	1.875	0.0	0.0	2.174	0.0
45	13024	13025	NS	1	0.0	96.0	4.861	0.0	20.433	6.208	0.0	249.264	1.219	0.0	21.475	1.22	0.0	1.378	0.0	0.0	1.746	0.0	0.0	1.809	0.0	0.0	2.099	0.0
46	13024	13025	SN	1	0.0	24.376	7.293	0.0	24.051	8.489	0.0	158.087	4.565	0.0	16.76	5.648	0.0	1.425	0.0	0.0	1.814	0.0	0.0	1.881	0.0	0.0	2.174	0.0
47	13025	13026	SN	1	0.0	24.36	7.261	0.0	24.062	9.1	0.0	16.093	4.37	0.0	63.511	7.107	0.0	1.426	0.0	0.0	1.822	0.0	0.0	1.888	0.0	0.0	2.174	0.0
48	13025	13026	SN	1	0.0	24.36	7.613	0.0	24.062	9.327	0.0	16.093	4.766	0.0	16.766	6.981	0.0	1.426	0.0	0.0	1.822	0.0	0.0	1.888	0.0	0.0	2.174	0.0
49	13025	13026	SN	1	0.0	26.466	11.822	0.0	44.211	12.483	0.0	16.137	12.565	0.0	16.848	16.095	0.0	1.431	0.0	0.0	1.816	0.0	0.0	1.879	0.0	0.0	2.176	0.0
50	13025	13026	SN	1	0.0	24.36	7.258	0.0	216.574	9.097	0.0	16.093	4.376	0.0	63.511	7.105	0.0	1.427	0.0	0.0	1.823	0.0	0.0	1.888	0.0	0.0	2.174	0.0
51	13025	13026	SN	1	0.0	26.472	11.817	0.0	129.87	13.387	0.0	16.137	11.871	0.0	95.65	17.955	0.0	1.431	0.0	0.0	1.816	0.0	0.0	1.88	0.0	0.0	2.174	0.0
52	13025	13026	SN	1	0.0	26.466	11.817	0.0	44.211	13.399	0.0	16.137	11.887	0.0	95.65	17.947	0.0	1.431	0.0	0.0	1.816	0.0	0.0	1.879	0.0	0.0	2.173	0.0
53	13026	13027	NS	1	0.0	197.955	4.867	0.0	20.483	6.226	0.0	352.88	1.217	0.0	31.64	1.235	0.0	1.376	0.0	0.0	1.745	0.0	0.0	1.809	0.0	0.0	2.1	0.0
54	13026	13027	SN	1	0.0	28.143	12.774	0.0	27.283	13.011	0.0	170.325	13.052	0.0	88.701	14.685	0.0	1.429	0.0	0.0	1.815	0.0	0.0	1.873	0.0	0.0	2.172	0.0
55	13026	13027	SN	1	0.0	24.365	7.081	0.0	24.056	8.537	0.0	174.274	4.33	0.0	74.364	5.718	0.0	1.424	0.0	0.0	1.815	0.0	0.0	1.88	0.0	0.0	2.172	0.0
56	13026	13027	SN	1	0.0	28.143	12.774	0.0	27.283	13.011	0.0	170.325	13.052	0.0	88.701	14.685	0.0	1.429	0.0	0.0	1.815	0.0	0.0	1.873	0.0	0.0	2.172	0.0
57	13026	13027	NS	1	0.0	149.95	11.597	0.0	29.5	13.131	0.0	249.639	7.874	0.0	50.479	9.456	0.0	1.395	0.0	0.0	1.748	0.0	0.0	1.804	0.0	0.0	2.1	0.0
58	13026	13027	SN	1	0.0	24.365	7.081	0.0	24.056	8.537	0.0	174.274	4.33	0.0	74.364	5.718	0.0	1.424	0.0	0.0	1.815	0.0	0.0	1.88	0.0	0.0	2.172	0.0
59	13026	13027	NS	1	0.0	149.95	11.597	0.0	29.5	13.131	0.0	249.639	7.874	0.0	50.479	9.456	0.0	1.395	0.0	0.0	1.748	0.0	0.0	1.804	0.0	0.0	2.1	0.0
60	13026	13027	NS	1	0.0	197.955	4.867	0.0	20.483	6.226	0.0	352.88	1.215	0.0	31.64	1.235	0.0	1.376	0.0	0.0	1.745	0.0	0.0	1.809	0.0	0.0	2.1	0.0
61	13027	13028	SN	1	0.0	28.204	12.6	0.0	27.343	12.963	0.0	142.971	12.877	0.0	83.881	14.559	0.0	1.414	0.0	0.0	1.816	0.0	0.0	1.88	0.0	0.0	2.174	0.0
62	13027	13028	NS	1	0.0	237.134	11.563	0.0	29.5	13.12	0.0	356.658	7.886	0.0	36.515	9.36	0.0	1.393	0.0	0.0	1.75	0.0	0.0	1.805	0.0	0.0	2.096	0.0
63	13027	13028	NS	1	0.0	237.134	11.563	0.0	29.5	13.12	0.0	356.658	7.886	0.0	36.515	9.374	0.0	1.393	0.0	0.0	1.75	0.0	0.0	1.805	0.0	0.0	2.096	0.0
64	13027	13028	NS	1	0.0	140.357	4.824	0.0	19.258	6.22	0.0	352.5	1.195	0.0	21.823	1.205	0.0	1.378	0.0	0.0	1.744	0.0	0.0	1.809	0.0	0.0	2.099	0.0
65	13027	13028	NS	1	0.0	140.357	4.824	0.0	19.258	6.22	0.0	352.5	1.193	0.0	21.823	1.205	0.0	1.378	0.0	0.0	1.744	0.0	0.0	1.809	0.0	0.0	2.099	0.0
66	13027	13028	SN	1	0.0	25.876	7.015	0.0	24.045	8.48	0.0	171.064	4.273	0.0	133.405	5.679	0.0	1.424	0.0	0.0	1.814	0.0	0.0	1.882	0.0	0.0	2.173	0.0
67	13028	13029	SN	1	0.0	24.354	6.998	0.0	24.045	8.601	0.0	16.324	4.31	0.0	66.82	5.74	0.0	1.423	0.0	0.0	1.814	0.0	0.0	1.878	0.0	0.0	2.173	0.0
68	13028	13029	SN	1	0.0	24.354	6.998	0.0	24.045	8.601	0.0	16.324	4.31	0.0	66.82	5.738	0.0	1.423	0.0	0.0	1.814	0.0	0.0	1.878	0.0	0.0	2.173	0.0

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

69	13028	13029	SN	1	0.0	26.45	12.513	0.0	27.343	13.041	0.0	30.051	12.925	0.0	113.888	14.993	0.0	1.423	0.0	0.0	1.816	0.0	0.0	1.883	0.0	0.0	2.174	0.0
70	13028	13029	SN	1	0.0	26.45	12.513	0.0	27.343	13.041	0.0	30.051	12.918	0.0	113.888	14.993	0.0	1.423	0.0	0.0	1.816	0.0	0.0	1.883	0.0	0.0	2.174	0.0
71	13028	13029	NS	1	0.0	159.546	4.807	0.0	20.422	6.16	0.0	187.044	1.109	0.0	22.137	1.196	0.0	1.377	0.0	0.0	1.745	0.0	0.0	1.817	0.0	0.0	2.098	0.0
72	13028	13029	NS	1	0.0	91.221	11.386	0.0	29.516	13.043	0.0	356.719	7.58	0.0	36.945	9.334	0.0	1.392	0.0	0.0	1.749	0.0	0.0	1.804	0.0	0.0	2.097	0.0
73	13029	13030	SN	1	0.0	26.483	12.713	0.0	27.338	12.995	0.0	183.721	12.849	0.0	90.344	14.617	0.0	1.425	0.0	0.0	1.816	0.0	0.0	1.875	0.0	0.0	2.174	0.0
74	13029	13030	NS	1	0.0	20.924	4.855	0.0	20.455	6.188	0.0	132.115	1.194	0.0	21.145	1.247	0.0	1.377	0.0	0.0	1.745	0.0	0.0	1.808	0.0	0.0	2.098	0.0
75	13029	13030	SN	1	0.0	24.371	7.093	0.0	126.867	8.535	0.0	197.106	4.366	0.0	154.748	5.645	0.0	1.421	0.0	0.0	1.814	0.0	0.0	1.879	0.0	0.0	2.173	0.0
76	13029	13030	NS	1	0.0	20.924	4.855	0.0	20.455	6.188	0.0	132.115	1.194	0.0	21.145	1.247	0.0	1.377	0.0	0.0	1.745	0.0	0.0	1.808	0.0	0.0	2.098	0.0
77	13029	13030	NS	1	0.0	22.948	11.434	0.0	29.362	13.082	0.0	179.478	7.862	0.0	38.908	9.463	0.0	1.393	0.0	0.0	1.749	0.0	0.0	1.804	0.0	0.0	2.102	0.0
78	13029	13030	NS	1	0.0	22.948	11.434	0.0	29.362	13.082	0.0	179.478	7.862	0.0	38.908	9.463	0.0	1.393	0.0	0.0	1.749	0.0	0.0	1.804	0.0	0.0	2.102	0.0
79	13029	13030	SN	1	0.0	24.371	7.028	0.0	24.051	8.486	0.0	197.106	4.329	0.0	264.938	5.611	0.0	1.432	0.0	0.0	1.814	0.0	0.0	1.879	0.0	0.0	2.173	0.0
80	13029	13030	SN	1	0.0	27.387	12.787	0.0	28.549	13.116	0.0	183.721	13.002	0.0	128.122	14.797	0.0	1.43	0.0	0.0	1.816	0.0	0.0	1.875	0.0	0.0	2.173	0.0
81	13030	13031	SN	1	0.0	24.376	7.085	0.0	24.045	8.502	0.0	183.385	4.317	0.0	77.4	5.718	0.0	1.431	0.0	0.0	1.814	0.0	0.0	1.879	0.0	0.0	2.173	0.0
82	13030	13031	NS	1	0.0	202.685	4.918	0.0	25.59	6.227	0.0	212.871	1.216	0.0	21.646	1.245	0.0	1.377	0.0	0.0	1.745	0.0	0.0	1.809	0.0	0.0	2.099	0.0
83	13030	13031	SN	1	0.0	24.376	7.085	0.0	24.045	8.502	0.0	183.385	4.317	0.0	77.4	5.718	0.0	1.431	0.0	0.0	1.814	0.0	0.0	1.879	0.0	0.0	2.173	0.0
84	13030	13031	NS	1	0.0	58.572	11.515	0.0	29.411	13.125	0.0	357.138	7.92	0.0	40.144	9.564	0.0	1.394	0.0	0.0	1.75	0.0	0.0	1.806	0.0	0.0	2.102	0.0
85	13030	13031	NS	1	0.0	202.685	5.019	0.0	25.59	6.258	0.0	212.871	1.301	0.0	11.477	1.133	0.0	1.377	0.0	0.0	1.745	0.0	0.0	1.809	0.0	0.0	2.099	0.0
86	13030	13031	NS	1	0.0	58.572	11.513	0.0	29.411	13.125	0.0	357.138	7.919	0.0	40.138	9.557	0.0	1.394	0.0	0.0	1.75	0.0	0.0	1.806	0.0	0.0	2.102	0.0
87	13030	13031	NS	1	0.0	58.572	11.767	0.0	29.411	12.462	0.0	357.138	8.427	0.0	13.236	8.671	0.0	1.394	0.0	0.0	1.75	0.0	0.0	1.806	0.0	0.0	2.102	0.0
88	13030	13031	SN	1	0.0	28.132	12.687	0.0	27.338	13.056	0.0	166.498	13.009	0.0	211.376	14.692	0.0	1.429	0.0	0.0	1.816	0.0	0.0	1.875	0.0	0.0	2.174	0.0
89	13030	13031	SN	1	0.0	28.132	12.687	0.0	27.338	13.056	0.0	166.498	13.009	0.0	211.376	14.692	0.0	1.429	0.0	0.0	1.816	0.0	0.0	1.875	0.0	0.0	2.174	0.0
90	13030	13031	NS	1	0.0	202.685	4.918	0.0	25.59	6.227	0.0	212.871	1.216	0.0	21.652	1.245	0.0	1.377	0.0	0.0	1.745	0.0	0.0	1.809	0.0	0.0	2.099	0.0
91	13031	13032	NS	1	0.0	22.286	11.496	0.0	32.472	13.094	0.0	147.614	7.835	0.0	35.831	9.489	0.0	1.403	0.0	0.0	1.748	0.0	0.0	1.805	0.0	0.0	2.11	0.0
92	13031	13032	SN	1	0.0	28.033	12.683	0.0	276.001	13.028	0.0	145.232	13.068	0.0	87.592	14.692	0.0	1.422	0.0	0.0	1.815	0.0	0.0	1.872	0.0	0.0	2.174	0.0
93	13031	13032	NS	1	0.0	22.286	11.947	0.0	29.461	12.21	0.0	147.614	8.761	0.0	12.999	8.372	0.0	1.403	0.0	0.0	1.748	0.0	0.0	1.805	0.0	0.0	2.11	0.0
94	13031	13032	NS	1	0.0	22.286	11.496	0.0	32.472	13.094	0.0	147.614	7.828	0.0	35.836	9.496	0.0	1.403	0.0	0.0	1.748	0.0	0.0	1.805	0.0	0.0	2.11	0.0
95	13031	13032	NS	1	0.0	20.466	4.839	0.0	25.617	6.214	0.0	142.45	1.223	0.0	20.03	1.241	0.0	1.377	0.0	0.0	1.752	0.0	0.0	1.809	0.0	0.0	2.099	0.0
96	13031	13032	SN	1	0.0	24.371	7.065	0.0	266.896	8.499	0.0	182.221	4.375	0.0	63.036	5.728	0.0	1.422	0.0	0.0	1.813	0.0	0.0	1.88	0.0	0.0	2.174	0.0
97	13031	13032	SN	1	0.0	24.371	7.065	0.0	266.896	8.499	0.0	182.221	4.375	0.0	63.036	5.728	0.0	1.422	0.0	0.0	1.813	0.0	0.0	1.88	0.0	0.0	2.174	0.0
98	13031	13032	NS	1	0.0	20.466	5.019	0.0	25.617	6.328	0.0	211.908	1.389	0.0	10.539	1.186	0.0	1.377	0.0	0.0	1.752	0.0	0.0	1.809	0.0	0.0	2.099	0.0
99	13031	13032	SN	1	0.0	28.033	12.771	0.0	276.001	12.36	0.0	145.232	13.708	0.0	16.854	13.665	0.0	1.422	0.0	0.0	1.815	0.0	0.0	1.872	0.0	0.0	2.174	0.0
100	13031	13032	SN	1	0.0	24.371	7.317	0.0	266.896	8.602	0.0	182.221	4.659	0.0	16.733	5.78	0.0	1.422	0.0	0.0	1.813	0.0	0.0	1.88	0.0	0.0	2.174	0.0
101	13031	13032	SN	1	0.0	28.033	12.683	0.0	276.001	13.028	0.0	145.232	13.068	0.0	87.592	14.692	0.0	1.422	0.0	0.0	1.815	0.0	0.0	1.872	0.0	0.0	2.174	0.0
102	13031	13032	NS	1	0.0	20.466	4.837	0.0	25.617	6.212	0.0	105.422	1.221	0.0	20.03	1.243	0.0	1.377	0.0	0.0	1.752	0.0	0.0	1.809	0.0	0.0	2.099	0.0
103	13032	13033	SN	1	0.0	28.154	12.852	0.0	27.283	12.527	0.0	162.858	13.462	0.0	16.854	14.08	0.0	1.42	0.0	0.0	1.815	0.0	0.0	1.876	0.0	0.0	2.174	0.0
104	13032	13033	SN	1	0.0	24.371	7.188	0.0	24.04	8.635	0.0	182.96	4.543	0.0	16.766	5.676	0.0	1.432	0.0	0.0	1.814	0.0	0.0	1.881	0.0	0.0	2.174	0.0
105	13032	13033	SN	1	0.0	24.371	7.018	0.0	24.04	8.58	0.0	182.96	4.385	0.0	76.386	5.729	0.0	1.432	0.0	0.0	1.814	0.0	0.0	1.881	0.0	0.0	2.174	0.0

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

106	13032	13033	SN	1	0.0	28.154	12.784	0.0	27.283	13.008	0.0	162.858	13.069	0.0	136.058	14.797	0.0	1.42	0.0	0.0	1.815	0.0	0.0	1.876	0.0	0.0	2.174	0.0
107	13032	13033	NS	1	0.0	69.117	4.89	0.0	25.601	6.198	0.0	304.508	1.214	0.0	37.971	1.241	0.0	1.378	0.0	0.0	1.745	0.0	0.0	1.808	0.0	0.0	2.099	0.0
108	13032	13033	SN	1	0.0	28.154	12.784	0.0	27.283	13.008	0.0	162.858	13.069	0.0	136.058	14.797	0.0	1.42	0.0	0.0	1.815	0.0	0.0	1.876	0.0	0.0	2.174	0.0
109	13032	13033	NS	1	0.0	155.382	4.879	0.0	25.606	6.196	0.0	304.53	1.218	0.0	37.982	1.239	0.0	1.378	0.0	0.0	1.745	0.0	0.0	1.808	0.0	0.0	2.098	0.0
110	13032	13033	NS	1	0.0	204.334	11.555	0.0	32.351	13.175	0.0	357.364	7.859	0.0	56.981	9.52	0.0	1.395	0.0	0.0	1.747	0.0	0.0	1.807	0.0	0.0	2.101	0.0
111	13032	13033	NS	1	0.0	91.866	11.555	0.0	32.351	13.165	0.0	357.364	7.852	0.0	56.998	9.513	0.0	1.395	0.0	0.0	1.748	0.0	0.0	1.806	0.0	0.0	2.101	0.0
112	13032	13033	SN	1	0.0	24.371	7.018	0.0	24.04	8.58	0.0	182.96	4.385	0.0	76.386	5.729	0.0	1.432	0.0	0.0	1.814	0.0	0.0	1.881	0.0	0.0	2.174	0.0
113	13033	13034	NS	1	0.0	219.221	4.853	0.0	25.579	6.241	0.0	274.526	1.227	0.0	21.707	1.235	0.0	1.377	0.0	0.0	1.744	0.0	0.0	1.809	0.0	0.0	2.098	0.0
114	13033	13034	SN	1	0.0	24.371	7.056	0.0	24.04	8.563	0.0	166.625	4.352	0.0	16.766	5.612	0.0	1.426	0.0	0.0	1.815	0.0	0.0	1.883	0.0	0.0	2.175	0.0
115	13033	13034	NS	1	0.0	269.151	11.634	0.0	29.489	13.11	0.0	356.735	7.968	0.0	36.879	9.408	0.0	1.394	0.0	0.0	1.748	0.0	0.0	1.804	0.0	0.0	2.097	0.0
116	13033	13034	SN	1	0.0	28.143	12.802	0.0	237.992	12.841	0.0	150.907	13.129	0.0	19.137	14.353	0.0	1.438	0.0	0.0	1.814	0.0	0.0	1.878	0.0	0.0	2.175	0.0
117	13033	13034	SN	1	0.0	28.143	12.794	0.0	237.992	13.01	0.0	150.907	13.013	0.0	102.874	14.658	0.0	1.438	0.0	0.0	1.814	0.0	0.0	1.878	0.0	0.0	2.175	0.0
118	13033	13034	SN	1	0.0	28.143	12.794	0.0	237.992	13.01	0.0	150.907	13.013	0.0	102.874	14.658	0.0	1.438	0.0	0.0	1.814	0.0	0.0	1.878	0.0	0.0	2.175	0.0
119	13033	13034	SN	1	0.0	24.371	7.004	0.0	24.04	8.549	0.0	166.625	4.303	0.0	66.925	5.691	0.0	1.426	0.0	0.0	1.815	0.0	0.0	1.883	0.0	0.0	2.175	0.0
120	13033	13034	SN	1	0.0	24.371	7.004	0.0	24.04	8.549	0.0	166.625	4.306	0.0	66.925	5.689	0.0	1.426	0.0	0.0	1.815	0.0	0.0	1.883	0.0	0.0	2.175	0.0
121	13034	13035	SN	1	0.0	24.387	7.147	0.0	122.998	8.588	0.0	169.647	4.503	0.0	16.766	5.711	0.0	1.431	0.0	0.0	1.815	0.0	0.0	1.882	0.0	0.0	2.175	0.0
122	13034	13035	SN	1	0.0	24.387	7.098	0.0	43.511	8.597	0.0	169.619	4.467	0.0	69.307	5.762	0.0	1.431	0.0	0.0	1.815	0.0	0.0	1.882	0.0	0.0	2.175	0.0
123	13034	13035	NS	1	0.0	58.092	4.79	0.0	19.336	6.154	0.0	131.944	1.187	0.0	20.505	1.179	0.0	1.377	0.0	0.0	1.745	0.0	0.0	1.809	0.0	0.0	2.098	0.0
124	13034	13035	NS	1	0.0	21.073	4.781	0.0	19.314	6.166	0.0	354.314	1.195	0.0	21.994	1.171	0.0	1.377	0.0	0.0	1.744	0.0	0.0	1.809	0.0	0.0	2.098	0.0
125	13034	13035	NS	1	0.0	241.389	11.504	0.0	30.217	13.061	0.0	135.225	7.796	0.0	39.603	9.257	0.0	1.392	0.0	0.0	1.749	0.0	0.0	1.807	0.0	0.0	2.097	0.0
126	13034	13035	SN	1	0.0	27.492	12.746	0.0	74.439	12.815	0.0	159.847	13.12	0.0	19.733	14.513	0.0	1.436	0.0	0.0	1.815	0.0	0.0	1.884	0.0	0.0	2.175	0.0
127	13034	13035	SN	1	0.0	27.492	12.754	0.0	27.332	12.813	0.0	159.841	13.099	0.0	20.124	14.548	0.0	1.436	0.0	0.0	1.815	0.0	0.0	1.884	0.0	0.0	2.175	0.0
128	13034	13035	NS	1	0.0	260.559	11.562	0.0	29.522	13.088	0.0	356.768	7.773	0.0	37.32	9.254	0.0	1.393	0.0	0.0	1.748	0.0	0.0	1.805	0.0	0.0	2.097	0.0
129	13034	13035	SN	1	0.0	27.492	12.758	0.0	27.332	12.943	0.0	159.841	13.002	0.0	111.389	14.718	0.0	1.436	0.0	0.0	1.815	0.0	0.0	1.884	0.0	0.0	2.175	0.0
130	13034	13035	SN	1	0.0	24.387	7.151	0.0	43.511	8.59	0.0	169.619	4.509	0.0	16.766	5.709	0.0	1.431	0.0	0.0	1.815	0.0	0.0	1.882	0.0	0.0	2.175	0.0
131	13035	13036	SN	1	0.0	24.382	7.04	0.0	89.547	8.581	0.0	162.869	4.363	0.0	67.796	5.655	0.0	1.426	0.0	0.0	1.815	0.0	0.0	1.882	0.0	0.0	2.175	0.0
132	13035	13036	SN	1	0.0	26.533	12.703	0.0	175.358	13.06	0.0	150.879	12.939	0.0	114.439	14.732	0.0	1.422	0.0	0.0	1.817	0.0	0.0	1.879	0.0	0.0	2.176	0.0
133	13035	13036	NS	1	0.0	190.392	4.799	0.0	19.264	6.186	0.0	241.499	1.196	0.0	20.742	1.224	0.0	1.377	0.0	0.0	1.75	0.0	0.0	1.807	0.0	0.0	2.098	0.0
134	13035	13036	SN	1	0.0	26.533	12.703	0.0	175.358	13.06	0.0	150.879	12.939	0.0	114.439	14.732	0.0	1.422	0.0	0.0	1.817	0.0	0.0	1.879	0.0	0.0	2.176	0.0
135	13035	13036	SN	1	0.0	24.382	7.113	0.0	89.547	8.586	0.0	162.869	4.424	0.0	67.335	5.563	0.0	1.426	0.0	0.0	1.815	0.0	0.0	1.882	0.0	0.0	2.175	0.0
136	13035	13036	NS	1	0.0	211.156	11.48	0.0	31.43	13.084	0.0	356.928	7.844	0.0	40.513	9.298	0.0	1.392	0.0	0.0	1.749	0.0	0.0	1.804	0.0	0.0	2.105	0.0
137	13035	13036	SN	1	0.0	26.533	12.716	0.0	175.358	12.779	0.0	150.879	13.076	0.0	97.469	14.346	0.0	1.422	0.0	0.0	1.817	0.0	0.0	1.879	0.0	0.0	2.176	0.0
138	13035	13036	SN	1	0.0	24.382	7.04	0.0	89.547	8.581	0.0	162.869	4.361	0.0	67.796	5.655	0.0	1.426	0.0	0.0	1.815	0.0	0.0	1.882	0.0	0.0	2.175	0.0
139	13036	13037	NS	1	0.0	202.867	11.549	0.0	30.283	13.092	0.0	163.782	7.872	0.0	41.6	9.235	0.0	1.392	0.0	0.0	1.748	0.0	0.0	1.805	0.0	0.0	2.099	0.0
140	13036	13037	SN	1	0.0	24.382	7.051	0.0	94.751	8.554	0.0	161.683	4.402	0.0	178.871	5.624	0.0	1.429	0.0	0.0	1.815	0.0	0.0	1.884	0.0	0.0	2.175	0.0
141	13036	13037	NS	1	0.0	149.906	11.52	0.0	29.384	13.067	0.0	274.198	7.883	0.0	39.962	9.292	0.0	1.392	0.0	0.0	1.746	0.0	0.0	1.804	0.0	0.0	2.1	0.0
142	13036	13037	SN	1	0.0	24.382	7.164	0.0	94.751	8.581	0.0	161.683	4.502	0.0	178.871	5.542	0.0	1.429	0.0	0.0	1.815	0.0	0.0	1.884	0.0	0.0	2.175	0.0

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

143	13036	13037	SN	1	0.0	27.354	12.661	0.0	94.762	12.975	0.0	150.383	12.878	0.0	155.366	14.704	0.0	1.424	0.0	0.0	1.817	0.0	0.0	1.879	0.0	0.0	2.182	0.0
144	13036	13037	SN	1	0.0	27.354	12.671	0.0	27.321	12.965	0.0	150.4	12.871	0.0	124.394	14.697	0.0	1.424	0.0	0.0	1.817	0.0	0.0	1.879	0.0	0.0	2.183	0.0
145	13036	13037	SN	1	0.0	27.354	12.69	0.0	94.762	12.541	0.0	150.383	13.103	0.0	155.366	14.161	0.0	1.424	0.0	0.0	1.817	0.0	0.0	1.879	0.0	0.0	2.182	0.0
146	13036	13037	SN	1	0.0	24.382	7.052	0.0	24.029	8.557	0.0	161.711	4.397	0.0	105.422	5.633	0.0	1.43	0.0	0.0	1.816	0.0	0.0	1.884	0.0	0.0	2.176	0.0
147	13036	13037	NS	1	0.0	167.372	4.752	0.0	19.253	6.165	0.0	342.33	1.211	0.0	23.009	1.25	0.0	1.376	0.0	0.0	1.743	0.0	0.0	1.808	0.0	0.0	2.098	0.0
148	13037	13038	NS	1	0.0	154.128	4.729	0.0	19.275	6.118	0.0	302.048	1.212	0.0	23.648	1.232	0.0	1.376	0.0	0.0	1.744	0.0	0.0	1.807	0.0	0.0	2.097	0.0
149	13037	13038	SN	1	0.0	26.626	12.777	0.0	143.983	13.19	0.0	142.905	13.018	0.0	82.811	15.103	0.0	1.423	0.0	0.0	1.817	0.0	0.0	1.873	0.0	0.0	2.175	0.0
150	13037	13038	SN	1	0.0	26.626	12.777	0.0	143.983	13.19	0.0	142.905	13.018	0.0	82.811	15.103	0.0	1.423	0.0	0.0	1.817	0.0	0.0	1.873	0.0	0.0	2.175	0.0
151	13037	13038	NS	1	0.0	219.472	4.747	0.0	19.264	6.137	0.0	352.097	1.218	0.0	22.021	1.229	0.0	1.376	0.0	0.0	1.744	0.0	0.0	1.807	0.0	0.0	2.098	0.0
152	13037	13038	NS	1	0.0	194.23	11.534	0.0	29.4	13.094	0.0	181.027	7.776	0.0	35.985	9.298	0.0	1.392	0.0	0.0	1.745	0.0	0.0	1.803	0.0	0.0	2.098	0.0
153	13037	13038	SN	1	0.0	24.382	7.065	0.0	143.955	8.713	0.0	167.722	4.51	0.0	70.344	5.842	0.0	1.432	0.0	0.0	1.815	0.0	0.0	1.881	0.0	0.0	2.174	0.0
154	13037	13038	NS	1	0.0	220.647	11.461	0.0	32.45	13.111	0.0	219.395	7.795	0.0	40.938	9.38	0.0	1.391	0.0	0.0	1.746	0.0	0.0	1.805	0.0	0.0	2.1	0.0
155	13037	13038	SN	1	0.0	24.382	7.065	0.0	143.955	8.713	0.0	167.722	4.51	0.0	70.344	5.842	0.0	1.432	0.0	0.0	1.815	0.0	0.0	1.881	0.0	0.0	2.174	0.0
156	13037	13038	SN	1	0.0	24.382	7.232	0.0	143.955	8.763	0.0	167.722	4.656	0.0	62.471	5.789	0.0	1.432	0.0	0.0	1.815	0.0	0.0	1.881	0.0	0.0	2.174	0.0
157	13037	13038	SN	1	0.0	26.626	12.826	0.0	143.983	12.642	0.0	142.905	13.374	0.0	27.523	14.39	0.0	1.423	0.0	0.0	1.817	0.0	0.0	1.873	0.0	0.0	2.175	0.0
158	13038	13039	SN	1	0.0	28.364	12.856	0.0	125.993	12.545	0.0	162.654	13.5	0.0	60.398	14.088	0.0	1.417	0.0	0.0	1.816	0.0	0.0	1.873	0.0	0.0	2.174	0.0
159	13038	13039	NS	1	0.0	265.953	11.619	0.0	29.406	13.074	0.0	356.674	7.919	0.0	37.21	9.361	0.0	1.392	0.0	0.0	1.746	0.0	0.0	1.803	0.0	0.0	2.095	0.0
160	13038	13039	NS	1	0.0	103.177	11.543	0.0	29.406	13.09	0.0	354.093	7.951	0.0	52.288	9.421	0.0	1.391	0.0	0.0	1.746	0.0	0.0	1.805	0.0	0.0	2.1	0.0
161	13038	13039	NS	1	0.0	219.461	4.823	0.0	19.269	6.189	0.0	352.615	1.253	0.0	23.643	1.242	0.0	1.376	0.0	0.0	1.744	0.0	0.0	1.808	0.0	0.0	2.097	0.0
162	13038	13039	SN	1	0.0	24.371	7.284	0.0	238.157	8.695	0.0	177.969	4.744	0.0	142.863	5.771	0.0	1.422	0.0	0.0	1.814	0.0	0.0	1.883	0.0	0.0	2.174	0.0
163	13038	13039	SN	1	0.0	24.371	7.061	0.0	238.157	8.617	0.0	177.969	4.532	0.0	142.863	5.798	0.0	1.422	0.0	0.0	1.814	0.0	0.0	1.883	0.0	0.0	2.174	0.0
164	13038	13039	SN	1	0.0	28.364	12.764	0.0	125.993	13.172	0.0	162.654	13.039	0.0	137.569	14.973	0.0	1.417	0.0	0.0	1.816	0.0	0.0	1.873	0.0	0.0	2.174	0.0
165	13038	13039	NS	1	0.0	158.281	4.803	0.0	20.455	6.194	0.0	347.145	1.252	0.0	38.175	1.243	0.0	1.376	0.0	0.0	1.744	0.0	0.0	1.807	0.0	0.0	2.098	0.0
166	13038	13039	SN	1	0.0	28.364	12.764	0.0	27.31	13.151	0.0	162.753	13.018	0.0	137.569	14.944	0.0	1.428	0.0	0.0	1.816	0.0	0.0	1.872	0.0	0.0	2.174	0.0
167	13038	13039	SN	1	0.0	24.371	7.061	0.0	48.237	8.626	0.0	178.068	4.512	0.0	70.454	5.786	0.0	1.422	0.0	0.0	1.814	0.0	0.0	1.883	0.0	0.0	2.174	0.0
168	13039	13040	NS	1	0.0	201.022	11.475	0.0	29.45	13.074	0.0	356.785	7.741	0.0	37.055	9.254	0.0	1.393	0.0	0.0	1.747	0.0	0.0	1.803	0.0	0.0	2.1	0.0
169	13039	13040	NS	1	0.0	219.461	4.796	0.0	25.628	6.133	0.0	354.231	1.234	0.0	24.101	1.204	0.0	1.376	0.0	0.0	1.744	0.0	0.0	1.809	0.0	0.0	2.098	0.0
170	13039	13040	SN	1	0.0	113.074	12.882	0.0	217.945	12.383	0.0	158.275	13.601	0.0	35.836	13.939	0.0	1.465	0.0	0.0	1.815	0.0	0.0	1.883	0.0	0.0	2.178	0.0
171	13039	13040	SN	1	0.0	113.024	6.993	0.0	29.26	8.621	0.0	164.898	4.46	0.0	68.849	5.766	0.0	1.429	0.0	0.0	1.815	0.0	0.0	1.903	0.0	0.0	2.174	0.0
172	13039	13040	SN	1	0.0	113.024	7.257	0.0	29.26	8.75	0.0	164.898	4.765	0.0	35.836	5.841	0.0	1.429	0.0	0.0	1.815	0.0	0.0	1.903	0.0	0.0	2.174	0.0
173	13039	13040	SN	1	0.0	113.074	12.776	0.0	217.945	12.987	0.0	158.275	12.965	0.0	138.567	14.864	0.0	1.465	0.0	0.0	1.815	0.0	0.0	1.883	0.0	0.0	2.178	0.0
174	13040	13041	NS	1	0.0	96.347	4.771	0.0	20.483	6.152	0.0	128.541	1.185	0.0	20.858	1.212	0.0	1.376	0.0	0.0	1.747	0.0	0.0	1.808	0.0	0.0	2.098	0.0
175	13040	13041	SN	1	0.0	24.343	7.009	0.0	200.798	8.662	0.0	155.782	4.308	0.0	67.592	5.716	0.0	1.429	0.0	0.0	1.814	0.0	0.0	1.878	0.0	0.0	2.173	0.0
176	13040	13041	SN	1	0.0	26.891	12.737	0.0	200.81	13.109	0.0	152.462	12.877	0.0	121.967	14.893	0.0	1.422	0.0	0.0	1.816	0.0	0.0	1.869	0.0	0.0	2.175	0.0
177	13040	13041	NS	1	0.0	96.347	4.698	0.0	20.483	6.171	0.0	21.269	1.165	0.0	20.852	1.215	0.0	1.376	0.0	0.0	1.747	0.0	0.0	1.808	0.0	0.0	2.098	0.0
178	13040	13041	NS	1	0.0	40.447	11.493	0.0	29.329	13.11	0.0	352.268	7.876	0.0	41.07	9.292	0.0	1.393	0.0	0.0	1.748	0.0	0.0	1.805	0.0	0.0	2.099	0.0
179	13040	13041	NS	1	0.0	40.447	11.35	0.0	29.329	13.114	0.0	37.985	7.84	0.0	41.065	9.386	0.0	1.392	0.0	0.0	1.747	0.0	0.0	1.805	0.0	0.0	2.099	0.0

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

180	13041	13042	NS	1	0.0	218.529	4.818	0.0	19.275	6.173	0.0	127.874	1.223	0.0	21.839	1.24	0.0	1.376	0.0	0.0	1.75	0.0	0.0	1.813	0.0	0.0	2.097	0.0
181	13041	13042	NS	1	0.0	61.512	11.603	0.0	31.866	13.081	0.0	352.538	7.903	0.0	34.623	9.43	0.0	1.395	0.0	0.0	1.75	0.0	0.0	1.804	0.0	0.0	2.106	0.0

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