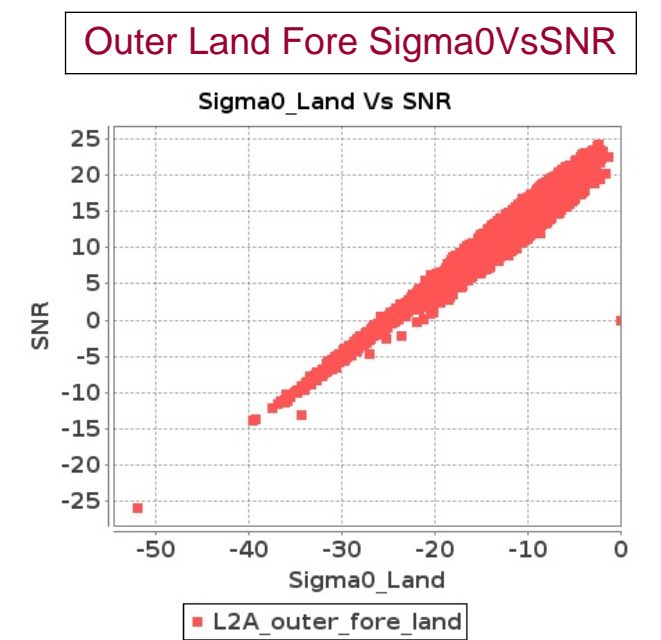
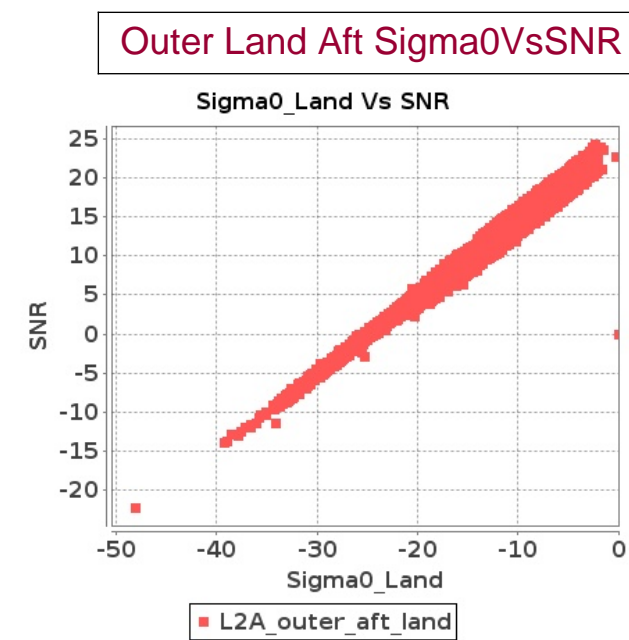
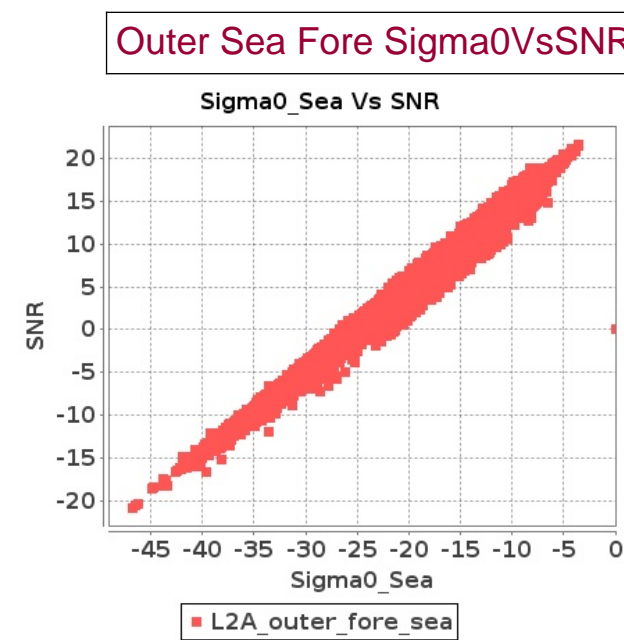
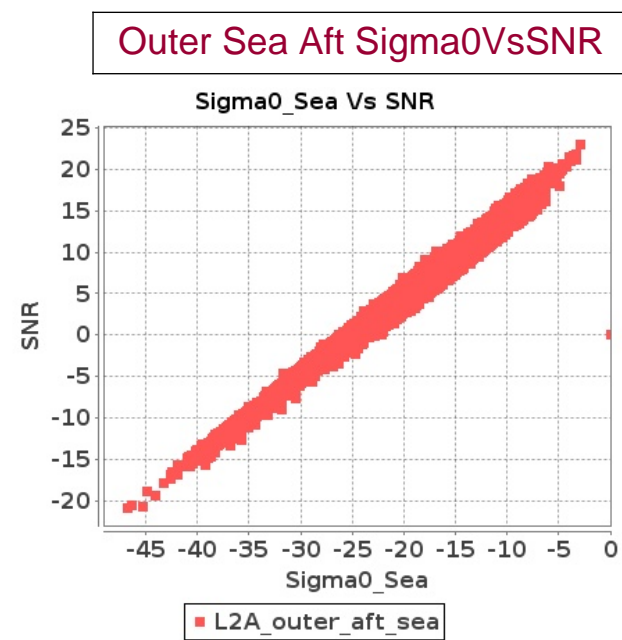
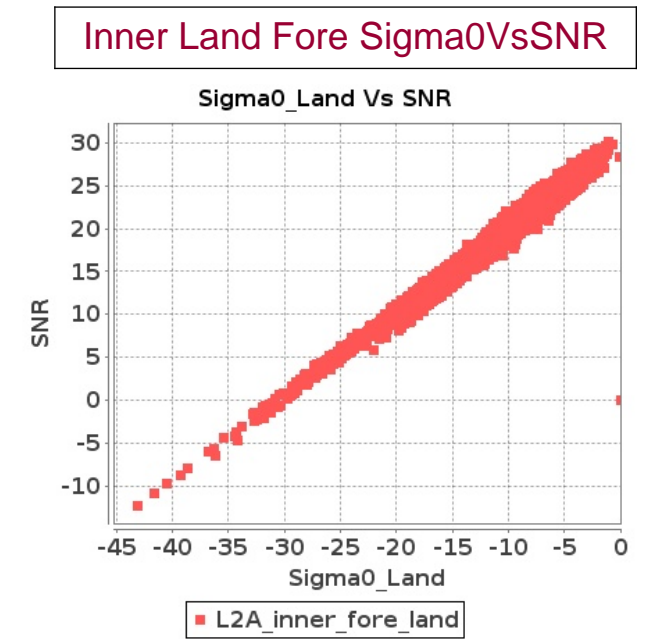
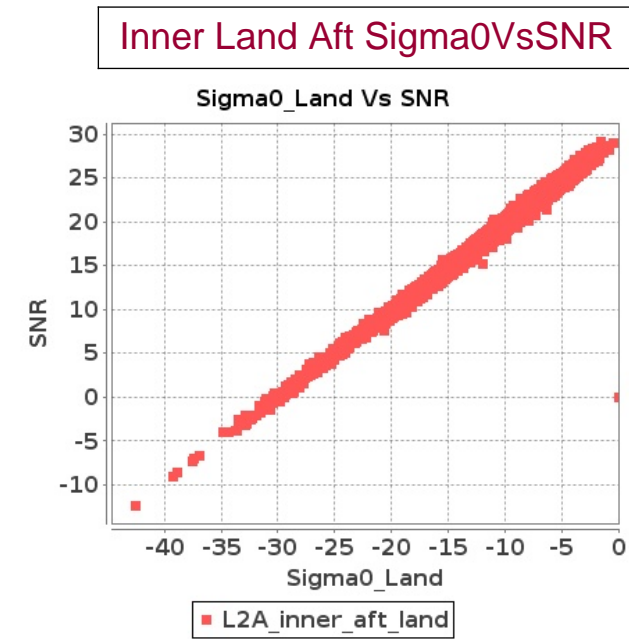
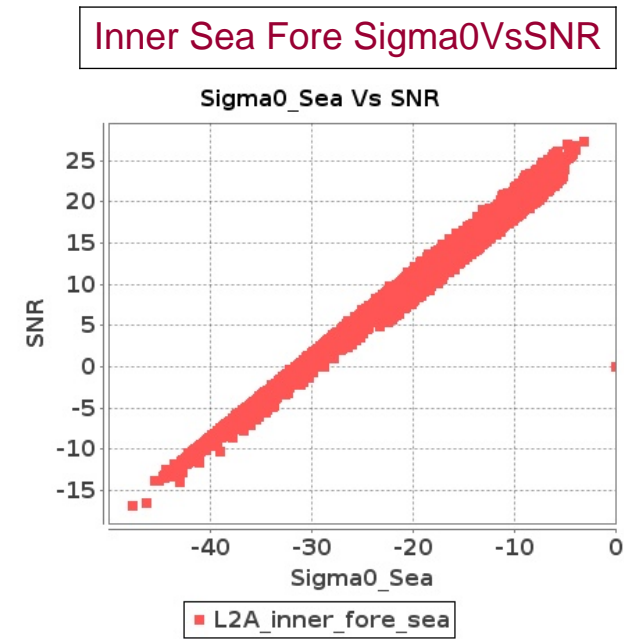
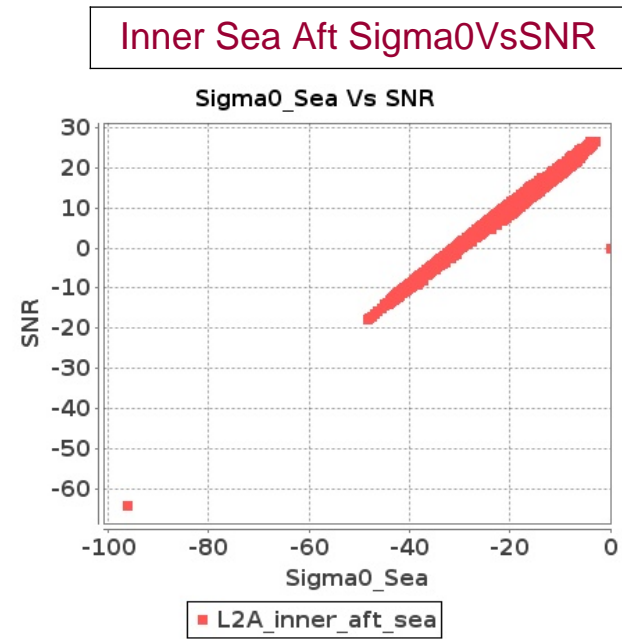


# SCATSAT-1 Scatterometer Level-2A Data Quality Cycle wise Report

Report between 12-MAR-2019 To 13-MAR-2019



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

Report between 12-MAR-2019 To 13-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	13003	13004	SN	1	0.0	36.392	0.532	0.0	37.668	0.694	0.0	38.045	0.598	0.0	39.951	0.893	0.0	37.654	0.523	0.0	37.94	0.615	0.0	35.475	0.567	0.0	37.924	0.72
2	13003	13004	SN	1	0.0	36.392	0.508	0.0	37.668	0.662	0.0	38.045	0.585	0.0	39.128	0.86	0.0	37.654	0.499	0.0	37.94	0.58	0.0	35.475	0.558	0.0	37.924	0.692
3	13003	13004	SN	1	0.0	36.392	0.508	0.0	37.668	0.662	0.0	38.045	0.585	0.0	39.128	0.86	0.0	37.654	0.499	0.0	37.94	0.58	0.0	35.475	0.558	0.0	37.924	0.692
4	13003	13004	SN	1	0.0	36.392	0.532	0.0	37.668	0.694	0.0	38.045	0.598	0.0	39.951	0.893	0.0	37.654	0.523	0.0	37.94	0.615	0.0	35.475	0.567	0.0	37.924	0.72
5	13003	13004	SN	1	0.0	49.075	2.211	0.0	45.499	2.813	0.0	44.284	2.234	0.0	39.453	2.816	0.0	49.276	2.2	0.0	47.627	2.362	0.0	45.548	2.041	0.0	36.662	2.342
6	13003	13004	SN	1	0.0	36.392	0.508	0.0	37.668	0.662	0.0	38.045	0.585	0.0	39.128	0.86	0.0	37.654	0.499	0.0	37.94	0.58	0.0	35.475	0.558	0.0	37.924	0.692
7	13003	13004	SN	1	0.0	36.392	0.508	0.0	37.668	0.662	0.0	38.045	0.585	0.0	39.128	0.86	0.0	37.654	0.499	0.0	37.94	0.58	0.0	35.475	0.558	0.0	37.924	0.692
8	13003	13004	SN	1	0.0	49.075	2.132	0.0	45.499	2.686	0.0	44.284	2.145	0.0	48.421	2.685	0.0	49.276	2.122	0.0	47.627	2.237	0.0	45.548	1.975	0.0	45.285	2.227
9	13003	13004	SN	1	0.0	49.075	2.132	0.0	45.499	2.686	0.0	44.284	2.145	0.0	48.421	2.685	0.0	49.276	2.122	0.0	47.627	2.237	0.0	45.548	1.975	0.0	45.285	2.227
10	13003	13004	SN	1	0.0	49.075	2.132	0.0	45.499	2.686	0.0	44.284	2.145	0.0	48.421	2.685	0.0	49.276	2.122	0.0	47.627	2.237	0.0	45.548	1.975	0.0	45.285	2.227
11	13003	13004	SN	1	0.0	49.075	2.211	0.0	45.499	2.813	0.0	44.284	2.234	0.0	39.453	2.816	0.0	49.276	2.2	0.0	47.627	2.362	0.0	45.548	2.041	0.0	36.662	2.342
12	13003	13004	SN	1	0.0	49.075	2.132	0.0	45.499	2.686	0.0	44.284	2.145	0.0	48.421	2.685	0.0	49.276	2.122	0.0	47.627	2.237	0.0	45.548	1.975	0.0	45.285	2.227
13	13004	13005	SN	1	0.0	53.351	4.893	0.0	50.884	6.016	0.0	47.476	4.718	0.0	47.467	5.863	0.0	53.491	5.035	0.0	50.651	6.219	0.0	45.209	4.746	0.0	45.598	5.956
14	13004	13005	SN	1	0.0	53.351	4.893	0.0	50.884	6.016	0.0	47.476	4.718	0.0	47.467	5.863	0.0	53.491	5.035	0.0	50.651	6.219	0.0	45.209	4.746	0.0	45.598	5.956
15	13004	13005	SN	1	0.0	53.351	4.893	0.0	50.884	6.016	0.0	47.476	4.718	0.0	47.467	5.863	0.0	53.491	5.035	0.0	50.651	6.219	0.0	45.209	4.746	0.0	45.598	5.956
16	13004	13005	SN	1	0.0	53.351	4.98	0.0	50.884	6.119	0.0	47.476	4.785	0.0	47.467	5.947	0.0	53.491	5.124	0.0	50.651	6.315	0.0	45.209	4.814	0.0	45.598	6.056
17	13004	13005	SN	1	0.0	53.351	4.893	0.0	50.884	6.016	0.0	47.476	4.718	0.0	47.467	5.863	0.0	53.491	5.035	0.0	50.651	6.219	0.0	45.209	4.746	0.0	45.598	5.956
18	13004	13005	NS	1	0.0	41.195	1.244	0.0	49.855	1.791	0.0	42.53	1.08	0.0	39.657	1.558	0.0	41.498	1.258	0.0	51.865	1.734	0.0	40.877	1.117	0.0	39.919	1.51
19	13004	13005	NS	1	0.0	41.195	1.235	0.0	45.643	1.807	0.0	46.207	1.11	0.0	39.657	1.553	0.0	41.498	1.254	0.0	46.417	1.743	0.0	44.553	1.128	0.0	39.919	1.508
20	13004	13005	SN	1	0.0	43.418	1.607	0.0	43.461	1.977	0.0	37.976	1.425	0.0	40.599	1.878	0.0	44.472	1.655	0.0	45.442	1.885	0.0	41.044	1.456	0.0	40.521	1.891
21	13004	13005	SN	1	0.0	43.418	1.58	0.0	43.461	1.947	0.0	37.976	1.403	0.0	40.599	1.853	0.0	44.472	1.629	0.0	45.442	1.857	0.0	41.044	1.428	0.0	40.521	1.867
22	13004	13005	SN	1	0.0	43.418	1.58	0.0	43.461	1.947	0.0	37.976	1.403	0.0	40.599	1.853	0.0	44.472	1.629	0.0	45.442	1.857	0.0	41.044	1.428	0.0	40.521	1.867
23	13004	13005	SN	1	0.0	43.418	1.58	0.0	43.461	1.947	0.0	37.976	1.403	0.0	40.599	1.853	0.0	44.472	1.629	0.0	45.442	1.857	0.0	41.044	1.428	0.0	40.521	1.867
24	13004	13005	SN	1	0.0	43.418	1.58	0.0	43.461	1.947	0.0	37.976	1.403	0.0	40.599	1.853	0.0	44.472	1.629	0.0	45.442	1.857	0.0	41.044	1.428	0.0	40.521	1.867
25	13004	13005	NS	1	0.0	51.037	4.872	0.0	55.918	6.492	0.0	43.526	4.077	0.0	47.757	5.337	0.0	51.435	5.035	0.0	53.889	6.309	0.0	43.717	3.977	0.0	46.844	5.138
26	13004	13005	SN	1	0.0	43.418	1.607	0.0	43.461	1.977	0.0	37.976	1.425	0.0	40.599	1.878	0.0	44.472	1.655	0.0	45.442	1.885	0.0	41.044	1.456	0.0	40.521	1.891
27	13004	13005	NS	1	0.0	51.037	4.872	0.0	55.918	6.492	0.0	43.526	4.077	0.0	47.757	5.337	0.0	51.435	5.035	0.0	53.889	6.309	0.0	43.717	3.977	0.0	46.844	5.138
28	13004	13005	NS	1	0.0	51.037	4.872	0.0	55.918	6.461	0.0	43.526	4.098	0.0	49.506	5.402	0.0	51.435	5.045	0.0	53.889	6.319	0.0	43.717	3.991	0.0	46.844	5.117
29	13004	13005	SN	1	0.0	53.351	4.98	0.0	50.884	6.119	0.0	47.476	4.785	0.0	47.467	5.947	0.0	53.491	5.124	0.0	50.651	6.315	0.0	45.209	4.814	0.0	45.598	6.056
30	13004	13005	NS	1	0.0	51.037	4.872	0.0	55.918	6.461	0.0	43.526	4.098	0.0	49.506	5.402	0.0	51.435	5.045	0.0	53.889	6.319	0.0	43.717	3.991	0.0	46.844	5.117
31	13004	13005	NS	1	0.0	41.195	1.235	0.0	45.643	1.807	0.0	46.207	1.11	0.0	39.657	1.553	0.0	41.498	1.254	0.0	46.417	1.743	0.0	44.553	1.128	0.0	39.919	1.508

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

32	13004	13005	NS	1	0.0	41.195	1.244	0.0	49.855	1.791	0.0	42.53	1.08	0.0	39.657	1.558	0.0	41.498	1.258	0.0	51.865	1.734	0.0	40.877	1.117	0.0	39.919	1.51
33	13005	13006	SN	1	0.0	47.402	4.33	0.0	56.923	5.38	0.0	42.307	4.16	0.0	40.87	5.978	0.0	46.396	4.392	0.0	55.378	5.214	0.0	39.581	4.067	0.0	46.092	5.288
34	13005	13006	SN	1	0.0	47.402	4.33	0.0	56.923	5.38	0.0	42.307	4.16	0.0	40.87	5.978	0.0	46.396	4.392	0.0	55.378	5.214	0.0	39.581	4.067	0.0	46.092	5.288
35	13005	13006	NS	1	0.0	49.64	3.885	0.0	47.043	5.46	0.0	39.057	3.516	0.0	47.097	5.225	0.0	48.707	3.895	0.0	47.894	5.195	0.0	40.188	3.566	0.0	47.144	5.004
36	13005	13006	SN	1	0.0	47.402	4.272	0.0	56.923	5.311	0.0	42.307	4.103	0.0	40.87	5.915	0.0	46.396	4.333	0.0	55.378	5.147	0.0	39.581	4.011	0.0	46.092	5.227
37	13005	13006	NS	1	0.0	37.871	0.943	0.0	45.862	1.493	0.0	40.715	1.058	0.0	40.157	1.678	0.0	37.748	0.928	0.0	43.908	1.418	0.0	39.487	0.999	0.0	40.262	1.587
38	13005	13006	NS	1	0.0	49.64	3.885	0.0	47.043	5.46	0.0	39.057	3.516	0.0	47.097	5.225	0.0	48.707	3.895	0.0	47.894	5.195	0.0	40.188	3.566	0.0	47.144	5.004
39	13005	13006	SN	1	0.0	42.338	1.264	0.0	47.833	1.767	0.0	44.476	1.182	0.0	37.362	1.928	0.0	41.296	1.278	0.0	47.05	1.688	0.0	41.298	1.191	0.0	35.182	1.593
40	13005	13006	SN	1	0.0	42.338	1.264	0.0	47.833	1.767	0.0	44.476	1.182	0.0	37.362	1.928	0.0	41.296	1.278	0.0	47.05	1.688	0.0	41.298	1.191	0.0	35.182	1.593
41	13005	13006	NS	1	0.0	38.725	0.916	0.0	45.582	1.505	0.0	37.931	1.09	0.0	37.852	1.693	0.0	38.602	0.921	0.0	43.964	1.427	0.0	36.413	1.011	0.0	39.625	1.564
42	13005	13006	NS	1	0.0	38.725	0.916	0.0	45.582	1.505	0.0	37.931	1.09	0.0	37.852	1.693	0.0	38.602	0.921	0.0	43.964	1.427	0.0	36.413	1.011	0.0	39.625	1.564
43	13005	13006	NS	1	0.0	53.975	3.885	0.0	47.527	5.49	0.0	39.543	3.645	0.0	45.412	5.282	0.0	54.243	3.977	0.0	48.381	5.327	0.0	40.186	3.502	0.0	43.694	5.032
44	13005	13006	SN	1	0.0	42.338	1.264	0.0	47.833	1.767	0.0	44.476	1.182	0.0	37.362	1.928	0.0	41.296	1.278	0.0	47.05	1.688	0.0	41.298	1.191	0.0	35.182	1.593
45	13005	13006	NS	1	0.0	53.975	3.885	0.0	47.527	5.49	0.0	39.543	3.645	0.0	45.412	5.282	0.0	54.243	3.977	0.0	48.381	5.327	0.0	40.186	3.502	0.0	43.694	5.032
46	13005	13006	SN	1	0.0	47.402	4.33	0.0	56.923	5.38	0.0	42.307	4.16	0.0	40.87	5.978	0.0	46.396	4.392	0.0	55.378	5.214	0.0	39.581	4.067	0.0	46.092	5.288
47	13005	13006	SN	1	0.0	42.338	1.264	0.0	47.833	1.767	0.0	44.476	1.182	0.0	37.362	1.928	0.0	41.296	1.278	0.0	47.05	1.688	0.0	41.298	1.191	0.0	35.182	1.593
48	13005	13006	NS	1	0.0	37.871	0.943	0.0	45.862	1.493	0.0	40.715	1.058	0.0	40.157	1.678	0.0	37.748	0.928	0.0	43.908	1.418	0.0	39.487	0.999	0.0	40.262	1.587
49	13005	13006	SN	1	0.0	42.338	1.247	0.0	47.833	1.747	0.0	44.476	1.166	0.0	37.362	1.912	0.0	41.296	1.261	0.0	47.05	1.669	0.0	41.298	1.177	0.0	35.182	1.576
50	13005	13006	SN	1	0.0	47.402	4.33	0.0	56.923	5.38	0.0	42.307	4.16	0.0	40.87	5.978	0.0	46.396	4.392	0.0	55.378	5.214	0.0	39.581	4.067	0.0	46.092	5.288
51	13006	13007	SN	1	0.0	39.223	3.44	0.0	42.343	4.253	0.0	44.171	3.2	0.0	44.984	4.23	0.0	40.0	3.45	0.0	41.995	3.634	0.0	42.951	2.966	0.0	44.002	3.563
52	13006	13007	SN	1	0.0	39.223	3.44	0.0	42.343	4.253	0.0	44.171	3.2	0.0	44.984	4.23	0.0	40.0	3.45	0.0	41.995	3.634	0.0	42.951	2.966	0.0	44.002	3.563
53	13006	13007	NS	1	0.0	49.716	5.183	0.562	52.234	6.594	0.0	43.245	4.439	0.0	44.894	5.381	0.0	50.736	5.224	0.413	52.46	6.513	0.0	45.919	4.581	0.0	41.769	5.345
54	13006	13007	NS	1	0.0	50.349	5.244	0.552	54.519	6.543	0.0	42.875	4.403	0.0	45.782	5.402	0.0	51.37	5.285	0.403	55.693	6.462	0.0	44.607	4.517	0.0	42.838	5.338
55	13006	13007	SN	1	0.0	40.836	0.926	0.0	42.357	1.344	0.0	37.598	0.928	0.0	38.248	1.609	0.0	41.123	0.87	0.0	42.432	1.083	0.0	39.071	0.843	0.0	38.442	1.209
56	13006	13007	SN	1	0.0	40.836	0.926	0.0	42.357	1.344	0.0	37.598	0.928	0.0	38.248	1.609	0.0	41.123	0.87	0.0	42.432	1.083	0.0	39.071	0.843	0.0	38.442	1.209
57	13006	13007	SN	1	0.0	40.836	0.947	0.0	42.357	1.369	0.0	37.598	0.946	0.0	38.248	1.638	0.0	41.123	0.884	0.0	42.432	1.103	0.0	39.071	0.861	0.0	38.442	1.233
58	13006	13007	NS	1	0.0	40.921	1.422	0.0	45.666	1.892	0.0	43.444	1.351	0.0	45.76	1.666	0.0	41.317	1.397	0.0	46.145	1.87	0.0	45.878	1.357	0.0	41.95	1.571
59	13006	13007	SN	1	0.0	39.223	3.509	0.0	42.343	4.341	0.0	44.171	3.277	0.0	44.984	4.29	0.0	40.0	3.519	0.0	41.995	3.709	0.0	42.951	3.024	0.0	44.002	3.63
60	13006	13007	NS	1	0.0	41.277	1.395	0.0	46.26	1.91	0.0	40.881	1.327	0.0	42.024	1.698	0.0	40.424	1.41	0.0	46.343	1.879	0.0	39.947	1.339	0.0	42.063	1.571
61	13007	13008	SN	1	0.0	48.483	4.252	0.0	51.951	5.152	0.0	41.082	4.046	0.0	39.914	4.987	0.0	48.747	4.283	0.0	49.679	4.848	0.0	38.885	3.812	0.0	39.79	4.76
62	13007	13008	SN	1	0.0	48.483	4.103	0.0	51.951	4.985	0.0	41.082	3.938	0.0	39.914	4.848	0.0	48.747	4.133	0.0	49.679	4.711	0.0	38.885	3.697	0.0	39.79	4.621
63	13007	13008	SN	1	0.0	40.258	1.102	0.0	40.794	1.448	0.0	38.301	1.277	0.0	41.664	1.74	0.0	40.584	1.1	0.0	42.676	1.267	0.0	38.516	1.199	0.0	41.212	1.552
64	13007	13008	NS	1	0.0	48.279	3.05	0.0	47.309	3.853	0.0	45.627	3.078	0.0	43.073	3.704	0.0	47.462	3.081	0.0	46.234	3.67	0.0	45.06	2.985	0.0	45.861	3.384
65	13007	13008	NS	1	0.0	47.861	3.081	0.0	47.533	3.832	0.0	45.627	3.035	0.0	42.997	3.726	0.0	47.045	3.091	0.0	46.373	3.66	0.0	45.06	2.943	0.0	45.783	3.405
66	13007	13008	NS	1	0.0	40.889	0.827	0.0	46.122	1.058	0.0	41.047	0.847	0.0	37.891	1.106	0.0	40.379	0.849	0.0	44.053	1.015	0.0	38.926	0.795	0.0	37.526	0.969
67	13007	13008	NS	1	0.0	40.889	0.834	0.0	46.046	1.051	0.0	40.889	0.857	0.0	37.97	1.108	0.0	40.379	0.854	0.0	43.977	1.012	0.0	38.771	0.801	0.0	37.665	0.971

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

68	13007	13008	SN	1	0.0	43.359	4.032	0.0	51.951	4.975	0.0	41.082	3.931	0.0	40.367	4.841	0.0	44.493	4.093	0.0	49.679	4.711	0.0	38.885	3.661	0.0	40.602	4.557
69	13007	13008	SN	1	0.0	40.258	1.08	0.0	39.927	1.411	0.0	38.301	1.242	0.0	40.582	1.693	0.0	40.584	1.084	0.0	38.669	1.239	0.0	38.516	1.147	0.0	39.554	1.478
70	13007	13008	SN	1	0.0	40.258	1.066	0.0	40.794	1.408	0.0	38.301	1.237	0.0	41.664	1.691	0.0	40.584	1.066	0.0	42.676	1.226	0.0	38.516	1.161	0.0	41.212	1.507
71	13008	13009	NS	1	0.0	53.195	3.806	0.0	42.682	4.646	0.0	44.332	3.406	0.0	43.169	4.303	0.0	53.203	3.867	0.0	43.657	4.28	0.0	45.369	3.321	0.0	41.879	4.153
72	13008	13009	SN	1	0.0	43.543	1.465	0.0	45.904	1.912	0.0	41.419	1.514	0.0	44.575	2.239	0.0	42.587	1.512	0.0	45.084	1.839	0.0	41.361	1.514	0.0	45.406	2.08
73	13008	13009	SN	1	0.0	48.624	1.521	0.0	47.433	2.03	0.0	47.222	1.579	0.0	44.269	2.276	0.0	47.668	1.559	0.0	44.825	1.925	0.0	44.872	1.57	0.0	45.1	2.147
74	13008	13009	NS	1	0.0	41.325	1.042	0.0	44.84	1.163	0.0	40.584	1.029	0.0	39.104	1.418	0.0	41.029	1.024	0.0	45.537	1.095	0.0	40.575	0.949	0.0	37.962	1.247
75	13008	13009	NS	1	0.0	43.874	1.01	0.0	43.288	1.219	0.0	40.542	0.971	0.0	41.88	1.412	0.0	43.694	0.992	0.0	45.364	1.178	0.0	38.895	0.934	0.0	39.966	1.261
76	13008	13009	SN	1	0.0	47.996	5.216	0.0	48.85	6.032	0.0	46.252	4.727	0.0	43.144	6.676	0.0	48.752	5.258	0.0	46.558	5.861	0.0	45.697	4.972	0.0	41.77	6.214
77	13008	13009	SN	1	0.0	48.624	1.456	0.0	47.433	1.942	0.0	48.406	1.509	0.0	44.269	2.19	0.0	47.668	1.492	0.0	44.825	1.841	0.0	46.055	1.498	0.0	45.1	2.053
78	13008	13009	SN	1	0.0	48.124	4.962	0.0	49.581	5.893	0.0	51.046	4.531	0.0	45.78	6.463	0.0	48.881	5.023	0.0	46.95	5.76	0.0	50.491	4.751	0.0	46.395	6.028
79	13008	13009	SN	1	0.0	47.996	4.983	0.0	48.85	5.77	0.0	46.252	4.545	0.0	46.968	6.42	0.0	48.752	5.023	0.0	46.558	5.617	0.0	45.697	4.751	0.0	42.644	5.957
80	13008	13009	NS	1	0.0	54.696	3.875	0.0	53.3	4.535	0.0	44.964	3.363	0.0	43.678	4.596	0.0	55.742	3.763	0.0	52.087	4.148	0.0	44.485	3.299	0.0	41.997	4.19
81	13009	13010	NS	1	0.0	41.931	1.1	0.0	44.24	1.588	0.0	41.006	1.239	0.0	38.626	1.625	0.0	42.862	1.089	0.0	43.772	1.403	0.0	39.756	1.23	0.0	36.339	1.394
82	13009	13010	SN	1	0.0	50.618	6.447	0.0	51.507	7.252	0.0	44.632	4.944	0.0	43.718	6.98	0.0	52.339	6.695	0.0	51.721	6.755	0.0	42.683	4.974	0.0	43.749	6.43
83	13009	13010	NS	1	0.0	52.714	4.294	0.0	53.99	5.596	0.0	44.221	4.059	0.0	45.304	4.926	0.0	52.318	4.325	0.0	53.533	5.505	0.0	42.743	3.994	0.0	43.906	4.405
84	13009	13010	NS	1	0.0	52.33	4.325	0.0	50.664	5.596	0.0	45.825	4.065	0.0	54.663	5.004	0.0	51.936	4.355	0.0	51.592	5.505	0.0	46.606	3.958	0.0	52.3	4.462
85	13009	13010	SN	1	0.0	50.618	6.07	0.0	51.507	6.794	0.0	44.632	4.651	0.0	43.718	6.576	0.0	52.339	6.292	0.0	51.721	6.329	0.0	42.683	4.651	0.0	43.749	6.026
86	13009	13010	SN	1	0.0	50.618	6.07	0.0	51.507	6.794	0.0	44.632	4.651	0.0	43.718	6.576	0.0	52.339	6.292	0.0	51.721	6.329	0.0	42.683	4.651	0.0	43.749	6.026
87	13009	13010	SN	1	0.0	43.311	1.656	0.0	48.468	2.056	0.0	45.378	1.558	0.0	40.497	2.236	0.0	44.552	1.664	0.0	46.351	1.911	0.0	43.367	1.469	0.0	39.856	1.96
88	13009	13010	NS	1	0.0	42.126	1.096	0.0	45.248	1.606	0.0	41.006	1.252	0.0	43.647	1.607	0.0	43.06	1.087	0.0	44.869	1.417	0.0	39.756	1.236	0.0	44.456	1.385
89	13009	13010	SN	1	0.0	43.311	1.554	0.0	48.468	1.926	0.0	45.378	1.468	0.0	40.497	2.108	0.0	44.552	1.558	0.0	46.351	1.79	0.0	43.367	1.378	0.0	39.856	1.85
90	13009	13010	SN	1	0.0	43.311	1.554	0.0	48.468	1.926	0.0	45.378	1.468	0.0	40.497	2.108	0.0	44.552	1.558	0.0	46.351	1.79	0.0	43.367	1.378	0.0	39.856	1.85
91	13010	13011	SN	1	0.0	51.514	2.177	0.0	50.287	2.696	0.0	41.857	1.667	0.0	45.084	2.199	0.0	51.24	2.152	0.0	52.269	2.504	0.0	42.384	1.559	0.0	42.903	1.929
92	13010	13011	NS	1	0.0	45.728	0.629	0.0	39.3	0.838	0.0	42.423	0.867	0.0	46.709	1.113	0.0	45.056	0.633	0.0	39.981	0.751	0.0	41.27	0.787	0.0	44.765	0.951
93	13010	13011	NS	1	0.0	47.59	2.187	0.0	39.387	3.134	0.0	41.371	2.708	0.0	46.442	3.905	0.0	47.212	2.126	0.0	40.223	2.859	0.0	41.13	2.715	0.0	46.354	3.313
94	13010	13011	NS	1	0.0	47.593	2.167	0.0	39.387	3.124	0.0	40.547	2.722	0.0	46.442	3.912	0.0	47.213	2.157	0.0	41.38	2.88	0.0	40.539	2.701	0.0	46.354	3.32
95	13010	13011	SN	1	0.0	51.514	2.177	0.0	50.287	2.694	0.0	41.857	1.667	0.0	45.084	2.199	0.0	51.24	2.15	0.0	52.269	2.501	0.0	42.384	1.559	0.0	42.903	1.929
96	13010	13011	SN	1	0.0	53.003	7.783	0.0	57.78	9.212	0.0	47.991	5.773	0.0	49.526	7.145	0.0	54.789	7.803	0.0	58.01	8.714	0.0	49.499	5.589	0.0	47.31	6.497
97	13010	13011	NS	1	0.0	52.194	0.638	0.0	39.524	0.844	0.0	42.581	0.873	0.0	46.709	1.099	0.0	51.522	0.638	0.0	39.981	0.76	0.0	40.52	0.794	0.0	44.765	0.933
98	13010	13011	SN	1	0.0	53.003	8.51	0.0	57.78	10.045	0.0	47.991	6.327	0.0	49.526	7.733	0.0	54.789	8.543	0.0	58.01	9.498	0.0	49.499	6.125	0.0	47.31	7.067
99	13010	13011	SN	1	0.0	53.003	7.783	0.0	57.78	9.202	0.0	47.991	5.773	0.0	49.526	7.145	0.0	54.789	7.803	0.0	58.01	8.704	0.0	49.499	5.589	0.0	47.31	6.497
100	13010	13011	SN	1	0.0	51.514	2.381	0.0	50.287	2.945	0.0	41.857	1.818	0.0	45.084	2.372	0.0	51.24	2.356	0.0	52.269	2.736	0.0	42.384	1.715	0.0	42.903	2.095
101	13011	13012	NS	1	0.0	54.176	4.248	1.462	51.091	5.515	0.0	41.46	3.797	0.0	49.586	5.096	0.0	53.473	4.258	1.076	49.783	5.241	0.0	42.974	3.648	0.0	45.922	4.84
102	13011	13012	NS	1	0.0	49.442	4.157	1.457	50.448	5.556	0.0	41.529	3.712	0.0	43.093	5.11	0.0	48.737	4.228	1.076	50.588	5.332	0.0	41.935	3.569	0.0	41.134	4.897
103	13011	13012	SN	1	0.0	42.026	1.297	0.0	50.341	1.711	0.0	45.524	1.242	0.0	40.319	1.877	0.0	42.793	1.331	0.0	50.606	1.675	0.0	45.346	1.16	0.0	42.049	1.608

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		



104	13011	13012	SN	1	0.0	42.026	1.297	0.0	50.341	1.711	0.0	45.524	1.242	0.0	40.319	1.877	0.0	42.793	1.331	0.0	50.606	1.675	0.0	45.346	1.16	0.0	42.049	1.608
105	13011	13012	NS	1	0.0	42.202	1.017	0.0	42.165	1.534	0.0	41.113	1.012	0.0	49.043	1.685	0.0	44.005	1.046	0.0	43.859	1.446	0.0	39.33	0.96	0.0	48.025	1.491
106	13011	13012	SN	1	0.0	50.183	4.68	0.0	56.648	5.646	0.0	42.977	4.323	0.0	42.512	5.863	0.0	51.766	4.802	0.0	57.013	5.433	0.0	42.654	4.16	0.0	40.285	5.281
107	13011	13012	SN	1	0.0	50.183	4.68	0.0	56.648	5.646	0.0	42.977	4.323	0.0	42.512	5.863	0.0	51.766	4.802	0.0	57.013	5.433	0.0	42.654	4.16	0.0	40.285	5.281
108	13011	13012	NS	1	0.0	42.312	1.019	0.0	43.347	1.505	0.0	36.833	1.055	0.0	50.466	1.662	0.0	44.115	1.037	0.0	43.903	1.414	0.0	36.138	1.017	0.0	49.441	1.493
109	13012	13013	SN	1	0.0	40.089	0.997	0.0	40.629	1.235	0.0	36.047	1.18	0.0	37.669	1.819	0.0	38.918	0.983	0.0	40.647	1.102	0.0	37.119	1.11	0.0	36.442	1.548
110	13012	13013	NS	1	0.0	45.25	3.502	0.0	53.486	4.877	0.0	47.433	4.054	0.0	43.836	5.189	0.0	45.535	3.522	0.0	51.765	4.548	0.0	45.568	3.926	0.0	44.891	4.737
111	13012	13013	SN	1	0.0	45.322	3.315	0.0	40.185	3.607	0.0	45.881	3.683	0.0	40.044	5.207	0.0	45.945	3.204	0.0	41.188	3.319	0.0	44.848	3.647	0.0	37.154	4.566
112	13012	13013	NS	1	0.0	45.27	3.491	0.0	52.997	4.856	0.0	47.369	4.083	0.0	43.819	5.24	0.0	45.556	3.542	0.0	51.274	4.559	0.0	45.503	3.89	0.0	44.686	4.751
113	13012	13013	NS	1	0.0	42.165	0.967	0.0	49.077	1.463	0.0	41.203	1.235	0.0	40.79	1.662	0.0	42.725	0.994	0.0	46.969	1.461	0.0	41.442	1.147	0.0	40.146	1.502
114	13012	13013	NS	1	0.0	42.173	0.965	0.0	49.077	1.461	0.0	41.271	1.229	0.0	40.791	1.673	0.0	42.733	0.994	0.0	46.969	1.456	0.0	41.51	1.142	0.0	39.5	1.511
115	13013	13014	SN	1	0.0	40.265	1.746	0.0	46.345	2.261	0.0	39.664	1.571	0.0	45.831	2.134	0.0	40.105	1.767	0.0	46.783	2.108	0.0	42.422	1.618	0.0	44.518	1.99
116	13013	13014	SN	1	0.0	50.076	6.5	0.0	48.389	7.145	0.0	48.522	5.503	0.0	49.45	6.907	0.0	50.706	6.449	0.0	48.716	6.902	0.0	49.917	5.644	0.0	48.462	6.602
117	13013	13014	NS	1	0.0	42.163	0.742	0.0	43.888	1.055	0.0	34.781	0.807	0.0	41.638	1.108	0.0	41.576	0.765	0.0	41.893	1.073	0.0	35.174	0.788	0.0	40.188	1.033
118	13013	13014	NS	1	0.0	46.023	2.763	0.0	52.629	3.721	0.0	44.122	2.57	0.0	47.14	3.569	0.0	46.644	2.763	0.0	55.19	3.66	0.0	45.215	2.585	0.0	46.416	3.491
119	13014	13015	NS	1	0.0	50.522	0.539	0.0	37.79	0.899	0.0	34.077	0.791	0.0	40.685	1.16	0.0	49.357	0.525	0.0	36.204	0.736	0.0	35.769	0.688	0.0	37.627	0.868
120	13014	13015	NS	1	0.0	52.002	1.667	0.0	45.989	2.756	0.0	36.789	2.194	0.0	36.619	3.335	0.0	51.427	1.687	0.0	43.625	2.43	0.0	35.795	2.03	0.0	35.785	2.758
121	13014	13015	SN	1	0.0	49.441	1.629	0.0	48.263	1.987	0.0	42.324	2.195	0.0	47.184	2.868	0.0	48.734	1.619	0.0	49.414	1.622	0.0	38.85	1.905	0.0	43.78	2.151
122	13014	13015	SN	1	0.0	46.681	0.383	0.0	44.119	0.531	0.0	42.292	0.609	0.0	39.841	0.85	0.0	45.301	0.381	0.0	41.696	0.427	0.0	39.934	0.54	0.0	35.967	0.596
123	13014	13015	SN	1	0.0	53.901	1.568	0.0	48.325	2.008	0.0	43.319	2.139	0.0	46.897	2.839	0.0	55.929	1.588	0.0	49.474	1.633	0.0	40.426	1.848	0.0	43.484	2.144
124	13014	13015	NS	1	0.0	50.522	0.547	0.0	37.79	0.913	0.0	34.077	0.802	0.0	40.685	1.178	0.0	49.357	0.534	0.0	36.204	0.748	0.0	35.769	0.697	0.0	37.627	0.882
125	13014	13015	SN	1	0.0	46.263	0.388	0.0	42.468	0.534	0.0	41.806	0.617	0.0	38.972	0.844	0.0	46.034	0.39	0.0	42.898	0.434	0.0	40.45	0.541	0.0	37.419	0.591
126	13014	13015	NS	1	0.0	52.002	1.703	0.0	45.989	2.798	0.0	36.789	2.215	0.0	36.619	3.387	0.0	51.427	1.713	0.0	43.625	2.468	0.0	35.795	2.048	0.0	35.785	2.801
127	13015	13016	NS	1	0.0	48.249	4.947	0.0	40.746	7.197	0.0	41.8	5.276	0.0	43.653	7.695	0.0	47.556	4.865	0.0	43.04	7.115	0.0	42.524	5.226	0.0	46.199	7.422
128	13015	13016	SN	1	0.0	42.575	2.475	0.0	45.182	3.423	0.0	42.137	3.291	0.0	48.545	4.292	0.0	42.285	2.566	0.0	45.132	3.281	0.0	42.853	3.05	0.0	49.05	3.739
129	13015	13016	SN	1	0.0	45.862	0.763	0.0	46.526	1.191	0.0	37.669	1.077	0.0	40.746	1.366	0.0	46.336	0.79	0.0	49.171	1.04	0.0	39.872	1.03	0.0	39.039	1.054
130	13015	13016	NS	1	0.0	40.222	1.444	0.0	42.705	2.404	0.0	37.96	1.618	0.0	40.565	2.697	0.0	40.189	1.444	0.0	44.275	2.219	0.0	35.907	1.665	0.0	39.866	2.45
131	13015	13016	NS	1	0.0	40.222	1.399	0.0	42.705	2.293	0.0	37.96	1.542	0.0	42.262	2.566	0.0	40.189	1.395	0.0	44.275	2.105	0.0	35.907	1.571	0.0	43.108	2.329
132	13015	13016	NS	1	0.0	48.249	5.202	0.0	40.746	7.491	0.0	41.8	5.422	0.0	47.488	8.069	0.0	47.556	5.095	0.0	43.04	7.395	0.0	42.524	5.362	0.0	49.386	7.829
133	13015	13016	NS	1	0.0	48.249	4.947	0.0	40.746	7.197	0.0	41.8	5.276	0.0	43.653	7.695	0.0	47.556	4.865	0.0	43.04	7.115	0.0	42.524	5.226	0.0	46.199	7.422
134	13015	13016	NS	1	0.0	40.222	1.399	0.0	42.705	2.293	0.0	37.96	1.542	0.0	42.262	2.566	0.0	40.189	1.395	0.0	44.275	2.105	0.0	35.907	1.571	0.0	43.108	2.329
135	13016	13017	SN	1	0.0	48.542	3.849	0.0	57.957	4.742	0.0	41.136	4.185	0.0	51.212	5.186	0.0	48.27	3.839	0.0	57.751	4.631	0.0	40.086	4.27	0.0	49.983	4.852
136	13016	13017	NS	1	0.0	49.762	1.937	0.0	48.69	2.195	0.0	46.179	1.882	0.0	48.351	2.518	0.0	51.778	1.955	0.0	48.326	2.1	0.0	45.793	1.918	0.0	45.492	2.296
137	13016	13017	NS	1	0.0	45.899	1.738	0.0	50.247	2.039	0.0	41.826	1.741	0.0	48.047	2.277	0.0	45.524	1.765	0.0	49.336	1.948	0.0	40.5	1.727	0.0	45.184	2.09
138	13016	13017	NS	1	0.0	49.762	1.765	0.0	48.69	2.0	0.0	46.179	1.696	0.0	48.351	2.291	0.0	51.778	1.778	0.0	48.326	1.919	0.0	45.793	1.755	0.0	45.492	2.088
139	13016	13017	NS	1	0.0	51.329	5.557	0.0	54.646	6.414	0.0	45.476	5.889	0.0	48.423	6.459	0.0	52.223	5.649	0.0	54.978	6.414	0.0	45.179	6.003	0.0	45.04	6.245

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

140	13016	13017	NS	1	0.0	57.745	5.639	0.0	55.288	6.394	0.0	51.289	5.889	0.0	48.249	6.551	0.0	58.64	5.751	0.0	55.617	6.302	0.0	51.022	5.91	0.0	44.869	6.209
141	13016	13017	SN	1	0.0	44.837	1.122	0.0	53.243	1.527	0.0	39.934	1.352	0.0	49.829	1.889	0.0	44.563	1.155	0.0	54.561	1.478	0.0	40.256	1.393	0.0	52.433	1.74
142	13016	13017	SN	1	0.0	45.335	1.122	0.0	53.548	1.523	0.0	39.899	1.343	0.0	49.83	1.893	0.0	45.061	1.155	0.0	54.865	1.471	0.0	40.22	1.386	0.0	52.368	1.739
143	13016	13017	NS	1	0.0	57.745	6.174	0.0	55.288	7.072	0.0	51.289	6.388	0.0	48.249	7.249	0.0	58.64	6.298	0.0	55.617	6.96	0.0	51.022	6.428	0.0	46.28	6.825
144	13016	13017	SN	1	0.0	48.542	3.839	0.0	57.652	4.773	0.0	50.104	4.192	0.0	51.373	5.165	0.0	48.27	3.849	0.0	57.447	4.651	0.0	50.645	4.284	0.0	49.935	4.852
145	13017	13018	NS	1	0.0	47.088	4.481	0.0	49.267	5.899	0.0	41.392	4.34	0.0	42.776	5.677	0.0	46.516	4.491	0.0	46.068	5.447	0.0	40.68	4.312	0.0	41.52	4.986
146	13017	13018	SN	1	0.0	43.045	0.843	0.0	41.585	1.269	0.0	37.178	1.127	0.0	42.201	1.678	0.0	41.555	0.836	0.0	42.083	1.191	0.0	37.389	1.148	0.0	39.631	1.485
147	13017	13018	NS	1	0.0	48.342	1.248	0.0	45.462	1.803	0.0	44.199	1.296	0.0	45.989	1.942	0.0	49.032	1.243	0.0	45.377	1.741	0.0	41.236	1.262	0.0	44.945	1.657
148	13017	13018	SN	1	0.0	43.045	0.777	0.0	41.585	1.186	0.0	37.178	1.05	0.0	42.201	1.562	0.0	41.555	0.779	0.0	42.083	1.109	0.0	37.389	1.073	0.0	39.631	1.367
149	13017	13018	NS	1	0.0	47.088	4.451	0.0	48.144	5.94	0.0	42.858	4.333	0.0	48.364	5.691	0.0	46.516	4.42	0.0	45.396	5.498	0.0	43.108	4.34	0.0	44.909	4.979
150	13017	13018	NS	1	0.0	47.437	1.113	0.0	44.091	1.626	0.0	42.095	1.202	0.0	44.747	1.717	0.0	48.129	1.109	0.0	44.005	1.55	0.0	39.135	1.186	0.0	43.702	1.469
151	13017	13018	NS	1	0.0	47.088	4.85	0.0	49.267	6.329	0.0	41.392	4.578	0.0	42.775	6.257	0.0	46.516	4.874	0.0	46.068	5.857	0.0	40.68	4.578	0.0	41.52	5.538
152	13017	13018	NS	1	0.0	48.341	1.095	0.0	45.462	1.61	0.0	44.199	1.199	0.0	45.989	1.708	0.0	49.032	1.086	0.0	45.377	1.539	0.0	41.236	1.181	0.0	44.945	1.456
153	13017	13018	SN	1	0.0	51.22	3.136	0.0	43.223	3.837	0.0	43.242	3.702	0.0	40.349	4.637	0.0	51.588	3.136	0.0	42.0	3.684	0.0	40.848	3.755	0.0	36.936	4.262
154	13017	13018	SN	1	0.0	51.22	2.912	0.0	43.223	3.565	0.0	43.242	3.443	0.0	40.349	4.364	0.0	51.588	2.922	0.0	42.0	3.403	0.0	40.848	3.485	0.0	36.936	3.924
155	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
156	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
157	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
158	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
159	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
160	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
161	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
162	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
163	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
164	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
165	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
166	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
167	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
168	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
169	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
170	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
171	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
172	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
173	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
174	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
175	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

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

176	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
177	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
178	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
179	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
180	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
181	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
182	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
183	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
184	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
185	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
186	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
187	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
188	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
189	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
190	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
191	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
192	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
193	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
194	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
195	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
196	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
197	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
198	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
199	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
200	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
201	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
202	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
203	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
204	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
205	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
206	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
207	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
208	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
209	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
210	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
211	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

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

212	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
213	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
214	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
215	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
216	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
217	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
218	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
219	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
220	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
221	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
222	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
223	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
224	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
225	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
226	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
227	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
228	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
229	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
230	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
231	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
232	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
233	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
234	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
235	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
236	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
237	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
238	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
239	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
240	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
241	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
242	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
243	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
244	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
245	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
246	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
247	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

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		



248	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
249	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
250	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
251	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
252	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
253	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
254	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
255	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
256	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
257	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
258	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
259	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
260	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

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	13003	13004	SN	1	0.0	24.382	7.311	0.0	24.078	8.481	0.0	153.51	4.363	0.0	16.771	5.552	0.0	1.426	0.0	0.0	1.815	0.0	0.0	1.883	0.0	0.0	2.173	0.0
2	13003	13004	SN	1	0.0	24.382	7.186	0.0	24.078	8.51	0.0	153.51	4.22	0.0	54.157	5.632	0.0	1.426	0.0	0.0	1.815	0.0	0.0	1.883	0.0	0.0	2.173	0.0
3	13003	13004	SN	1	0.0	24.382	7.186	0.0	24.078	8.51	0.0	153.51	4.22	0.0	54.157	5.632	0.0	1.426	0.0	0.0	1.815	0.0	0.0	1.883	0.0	0.0	2.173	0.0
4	13003	13004	SN	1	0.0	24.382	7.311	0.0	24.078	8.481	0.0	153.51	4.363	0.0	16.771	5.552	0.0	1.426	0.0	0.0	1.815	0.0	0.0	1.883	0.0	0.0	2.173	0.0
5	13003	13004	SN	1	0.0	27.724	12.818	0.0	26.825	12.517	0.0	155.341	13.287	0.0	16.854	13.967	0.0	1.422	0.0	0.0	1.817	0.0	0.0	1.878	0.0	0.0	2.175	0.0
6	13003	13004	SN	1	0.0	24.382	7.186	0.0	24.078	8.51	0.0	153.51	4.22	0.0	54.157	5.632	0.0	1.426	0.0	0.0	1.815	0.0	0.0	1.883	0.0	0.0	2.173	0.0
7	13003	13004	SN	1	0.0	24.382	7.186	0.0	24.078	8.51	0.0	153.51	4.22	0.0	54.157	5.632	0.0	1.426	0.0	0.0	1.815	0.0	0.0	1.883	0.0	0.0	2.173	0.0
8	13003	13004	SN	1	0.0	27.724	12.774	0.0	27.371	13.023	0.0	155.341	12.896	0.0	118.393	14.608	0.0	1.422	0.0	0.0	1.817	0.0	0.0	1.878	0.0	0.0	2.175	0.0
9	13003	13004	SN	1	0.0	27.724	12.774	0.0	27.371	13.023	0.0	155.341	12.896	0.0	118.393	14.608	0.0	1.422	0.0	0.0	1.817	0.0	0.0	1.878	0.0	0.0	2.175	0.0
10	13003	13004	SN	1	0.0	27.724	12.774	0.0	27.371	13.023	0.0	155.341	12.896	0.0	118.393	14.608	0.0	1.422	0.0	0.0	1.817	0.0	0.0	1.878	0.0	0.0	2.175	0.0
11	13003	13004	SN	1	0.0	27.724	12.818	0.0	26.825	12.517	0.0	155.341	13.287	0.0	16.854	13.967	0.0	1.422	0.0	0.0	1.817	0.0	0.0	1.878	0.0	0.0	2.175	0.0
12	13003	13004	SN	1	0.0	27.724	12.774	0.0	27.371	13.023	0.0	155.341	12.896	0.0	118.393	14.608	0.0	1.422	0.0	0.0	1.817	0.0	0.0	1.878	0.0	0.0	2.175	0.0
13	13004	13005	SN	1	0.0	28.32	12.698	0.0	27.371	13.027	0.0	161.689	12.843	0.0	124.267	14.455	0.0	1.425	0.0	0.0	1.817	0.0	0.0	1.88	0.0	0.0	2.176	0.0
14	13004	13005	SN	1	0.0	28.32	12.698	0.0	27.371	13.027	0.0	161.689	12.843	0.0	124.261	14.455	0.0	1.425	0.0	0.0	1.817	0.0	0.0	1.88	0.0	0.0	2.176	0.0
15	13004	13005	SN	1	0.0	28.32	12.698	0.0	27.371	13.027	0.0	161.689	12.843	0.0	124.267	14.455	0.0	1.425	0.0	0.0	1.817	0.0	0.0	1.88	0.0	0.0	2.176	0.0
16	13004	13005	SN	1	0.0	28.32	12.712	0.0	27.365	12.847	0.0	161.689	12.96	0.0	20.312	14.189	0.0	1.425	0.0	0.0	1.817	0.0	0.0	1.88	0.0	0.0	2.176	0.0
17	13004	13005	SN	1	0.0	28.32	12.698	0.0	27.371	13.027	0.0	161.689	12.843	0.0	124.261	14.455	0.0	1.425	0.0	0.0	1.817	0.0	0.0	1.88	0.0	0.0	2.176	0.0
18	13004	13005	NS	1	0.0	258.767	4.812	0.0	20.461	6.191	0.0	348.314	1.19	0.0	36.305	1.3	0.0	1.379	0.0	0.0	1.747	0.0	0.0	1.811	0.0	0.0	2.101	0.0
19	13004	13005	NS	1	0.0	258.767	4.812	0.0	20.461	6.191	0.0	348.314	1.19	0.0	36.305	1.3	0.0	1.379	0.0	0.0	1.747	0.0	0.0	1.811	0.0	0.0	2.101	0.0
20	13004	13005	SN	1	0.0	24.398	7.308	0.0	24.073	8.471	0.0	175.807	4.258	0.0	16.771	5.66	0.0	1.424	0.0	0.0	1.815	0.0	0.0	1.883	0.0	0.0	2.176	0.0
21	13004	13005	SN	1	0.0	24.398	7.27	0.0	24.073	8.477	0.0	175.807	4.213	0.0	69.803	5.742	0.0	1.424	0.0	0.0	1.815	0.0	0.0	1.883	0.0	0.0	2.176	0.0
22	13004	13005	SN	1	0.0	24.398	7.27	0.0	24.073	8.475	0.0	175.807	4.213	0.0	69.803	5.741	0.0	1.424	0.0	0.0	1.815	0.0	0.0	1.883	0.0	0.0	2.176	0.0
23	13004	13005	SN	1	0.0	24.398	7.27	0.0	24.073	8.475	0.0	175.807	4.213	0.0	69.803	5.741	0.0	1.424	0.0	0.0	1.815	0.0	0.0	1.883	0.0	0.0	2.176	0.0
24	13004	13005	SN	1	0.0	24.398	7.27	0.0	24.073	8.477	0.0	175.807	4.213	0.0	69.803	5.742	0.0	1.424	0.0	0.0	1.815	0.0	0.0	1.883	0.0	0.0	2.176	0.0
25	13004	13005	NS	1	0.0	92.456	11.605	0.0	29.621	13.156	0.0	350.718	7.733	0.0	50.661	9.414	0.0	1.399	0.0	0.0	1.749	0.0	0.0	1.823	0.0	0.0	2.101	0.0
26	13004	13005	SN	1	0.0	24.398	7.308	0.0	24.073	8.471	0.0	175.807	4.258	0.0	16.771	5.66	0.0	1.424	0.0	0.0	1.815	0.0	0.0	1.883	0.0	0.0	2.176	0.0
27	13004	13005	NS	1	0.0	92.456	11.605	0.0	29.621	13.156	0.0	350.718	7.733	0.0	50.661	9.414	0.0	1.399	0.0	0.0	1.749	0.0	0.0	1.823	0.0	0.0	2.101	0.0
28	13004	13005	NS	1	0.0	92.456	11.605	0.0	29.621	13.156	0.0	350.718	7.733	0.0	50.661	9.414	0.0	1.399	0.0	0.0	1.749	0.0	0.0	1.823	0.0	0.0	2.101	0.0
29	13004	13005	SN	1	0.0	28.32	12.712	0.0	27.365	12.847	0.0	161.689	12.96	0.0	20.312	14.189	0.0	1.425	0.0	0.0	1.817	0.0	0.0	1.88	0.0	0.0	2.176	0.0
30	13004	13005	NS	1	0.0	92.456	11.605	0.0	29.621	13.156	0.0	350.718	7.733	0.0	50.661	9.414	0.0	1.399	0.0	0.0	1.749	0.0	0.0	1.823	0.0	0.0	2.101	0.0
31	13004	13005	NS	1	0.0	258.767	4.812	0.0	20.461	6.191	0.0	348.314	1.19	0.0	36.305	1.3	0.0	1.379	0.0	0.0	1.747	0.0	0.0	1.811	0.0	0.0	2.101	0.0

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

32	13004	13005	NS	1	0.0	258.767	4.812	0.0	20.461	6.191	0.0	348.314	1.19	0.0	36.305	1.3	0.0	1.379	0.0	0.0	1.747	0.0	0.0	1.811	0.0	0.0	2.101	0.0
33	13005	13006	SN	1	0.0	27.746	12.703	0.0	127.383	12.838	0.0	155.258	12.812	0.0	21.586	14.403	0.0	1.424	0.0	0.0	1.818	0.0	0.0	1.878	0.0	0.0	2.177	0.0
34	13005	13006	SN	1	0.0	27.746	12.703	0.0	127.383	12.838	0.0	155.258	12.812	0.0	21.586	14.403	0.0	1.424	0.0	0.0	1.818	0.0	0.0	1.878	0.0	0.0	2.177	0.0
35	13005	13006	NS	1	0.0	70.319	11.522	0.0	29.66	13.11	0.0	352.174	7.624	0.0	57.411	9.301	0.0	1.399	0.0	0.0	1.749	0.0	0.0	1.807	0.0	0.0	2.098	0.0
36	13005	13006	SN	1	0.0	27.746	12.684	0.0	127.383	13.032	0.0	155.258	12.713	0.0	130.879	14.611	0.0	1.424	0.0	0.0	1.818	0.0	0.0	1.878	0.0	0.0	2.177	0.0
37	13005	13006	NS	1	0.0	52.972	4.736	0.0	20.411	6.15	0.0	353.459	1.15	0.0	38.02	1.268	0.0	1.379	0.0	0.0	1.747	0.0	0.0	1.811	0.0	0.0	2.101	0.0
38	13005	13006	NS	1	0.0	70.319	11.522	0.0	29.66	13.11	0.0	352.174	7.624	0.0	57.411	9.301	0.0	1.399	0.0	0.0	1.749	0.0	0.0	1.807	0.0	0.0	2.098	0.0
39	13005	13006	SN	1	0.0	24.387	7.266	0.0	235.791	8.507	0.0	174.809	4.346	0.0	16.771	5.585	0.0	1.43	0.0	0.0	1.816	0.0	0.0	1.882	0.0	0.0	2.177	0.0
40	13005	13006	SN	1	0.0	24.387	7.266	0.0	235.791	8.507	0.0	174.809	4.346	0.0	16.771	5.585	0.0	1.43	0.0	0.0	1.816	0.0	0.0	1.882	0.0	0.0	2.177	0.0
41	13005	13006	NS	1	0.0	52.972	4.736	0.0	20.428	6.15	0.0	353.459	1.152	0.0	38.02	1.265	0.0	1.379	0.0	0.0	1.747	0.0	0.0	1.811	0.0	0.0	2.101	0.0
42	13005	13006	NS	1	0.0	52.972	4.736	0.0	20.428	6.15	0.0	353.459	1.152	0.0	38.02	1.265	0.0	1.379	0.0	0.0	1.747	0.0	0.0	1.811	0.0	0.0	2.101	0.0
43	13005	13006	NS	1	0.0	70.319	11.522	0.0	29.654	13.11	0.0	352.174	7.624	0.0	57.411	9.309	0.0	1.399	0.0	0.0	1.749	0.0	0.0	1.808	0.0	0.0	2.1	0.0
44	13005	13006	SN	1	0.0	24.387	7.266	0.0	235.791	8.507	0.0	174.809	4.346	0.0	16.771	5.585	0.0	1.43	0.0	0.0	1.816	0.0	0.0	1.882	0.0	0.0	2.177	0.0
45	13005	13006	NS	1	0.0	70.319	11.522	0.0	29.654	13.11	0.0	352.174	7.624	0.0	57.411	9.309	0.0	1.399	0.0	0.0	1.749	0.0	0.0	1.808	0.0	0.0	2.1	0.0
46	13005	13006	SN	1	0.0	27.746	12.703	0.0	127.383	12.838	0.0	155.258	12.812	0.0	21.586	14.403	0.0	1.424	0.0	0.0	1.818	0.0	0.0	1.878	0.0	0.0	2.177	0.0
47	13005	13006	SN	1	0.0	24.387	7.266	0.0	235.791	8.507	0.0	174.809	4.346	0.0	16.771	5.585	0.0	1.43	0.0	0.0	1.816	0.0	0.0	1.882	0.0	0.0	2.177	0.0
48	13005	13006	NS	1	0.0	52.972	4.736	0.0	20.411	6.15	0.0	353.459	1.15	0.0	38.02	1.268	0.0	1.379	0.0	0.0	1.747	0.0	0.0	1.811	0.0	0.0	2.101	0.0
49	13005	13006	SN	1	0.0	24.387	7.229	0.0	235.791	8.508	0.0	174.809	4.306	0.0	68.127	5.657	0.0	1.43	0.0	0.0	1.816	0.0	0.0	1.882	0.0	0.0	2.177	0.0
50	13005	13006	SN	1	0.0	27.746	12.703	0.0	127.383	12.838	0.0	155.258	12.812	0.0	21.586	14.403	0.0	1.424	0.0	0.0	1.818	0.0	0.0	1.878	0.0	0.0	2.177	0.0
51	13006	13007	SN	1	0.0	28.336	12.716	0.0	27.365	12.982	0.0	145.993	12.829	0.0	110.728	14.373	0.0	1.439	0.0	0.0	1.818	0.0	0.0	1.878	0.0	0.0	2.177	0.0
52	13006	13007	SN	1	0.0	28.336	12.716	0.0	27.365	12.982	0.0	145.993	12.829	0.0	110.739	14.373	0.0	1.439	0.0	0.0	1.818	0.0	0.0	1.878	0.0	0.0	2.177	0.0
53	13006	13007	NS	1	0.0	270.9	11.555	0.827	29.654	13.147	0.0	350.829	7.687	0.0	58.63	9.401	0.0	1.397	0.0	0.002	1.75	0.0	0.0	1.803	0.0	0.0	2.1	0.0
54	13006	13007	NS	1	0.0	270.9	11.555	0.827	29.654	13.147	0.0	350.829	7.687	0.0	58.63	9.408	0.0	1.397	0.0	0.002	1.75	0.0	0.0	1.803	0.0	0.0	2.1	0.0
55	13006	13007	SN	1	0.0	24.409	7.259	0.0	24.073	8.426	0.0	174.897	4.337	0.0	70.498	5.516	0.0	1.428	0.0	0.0	1.816	0.0	0.0	1.883	0.0	0.0	2.177	0.0
56	13006	13007	SN	1	0.0	24.409	7.259	0.0	24.073	8.424	0.0	174.897	4.337	0.0	70.515	5.516	0.0	1.428	0.0	0.0	1.816	0.0	0.0	1.883	0.0	0.0	2.177	0.0
57	13006	13007	SN	1	0.0	24.409	7.308	0.0	24.073	8.421	0.0	174.897	4.396	0.0	16.771	5.433	0.0	1.428	0.0	0.0	1.816	0.0	0.0	1.883	0.0	0.0	2.177	0.0
58	13006	13007	NS	1	0.0	267.315	4.741	0.0	19.242	6.234	0.0	183.057	1.172	0.0	38.986	1.297	0.0	1.379	0.0	0.0	1.746	0.0	0.0	1.81	0.0	0.0	2.099	0.0
59	13006	13007	SN	1	0.0	28.336	12.741	0.0	27.365	12.692	0.0	145.993	12.963	0.0	17.709	14.006	0.0	1.439	0.0	0.0	1.818	0.0	0.0	1.878	0.0	0.0	2.177	0.0
60	13006	13007	NS	1	0.0	267.315	4.741	0.0	19.242	6.234	0.0	183.057	1.172	0.0	38.986	1.295	0.0	1.379	0.0	0.0	1.746	0.0	0.0	1.81	0.0	0.0	2.099	0.0
61	13007	13008	SN	1	0.0	28.987	12.766	0.0	27.349	12.591	0.0	154.646	13.13	0.0	62.444	14.105	0.0	1.418	0.0	0.0	1.817	0.0	0.0	1.876	0.0	0.0	2.176	0.0
62	13007	13008	SN	1	0.0	28.987	12.732	0.0	27.349	12.979	0.0	154.646	12.904	0.0	79.612	14.616	0.0	1.418	0.0	0.0	1.817	0.0	0.0	1.876	0.0	0.0	2.176	0.0
63	13007	13008	SN	1	0.0	24.387	7.409	0.0	24.051	8.491	0.0	162.417	4.478	0.0	57.26	5.566	0.0	1.422	0.0	0.0	1.816	0.0	0.0	1.882	0.0	0.0	2.175	0.0
64	13007	13008	NS	1	0.0	201.093	11.51	0.0	29.665	13.165	0.0	132.71	7.674	0.0	34.684	9.453	0.0	1.399	0.0	0.0	1.749	0.0	0.0	1.806	0.0	0.0	2.102	0.0
65	13007	13008	NS	1	0.0	140.517	11.53	0.0	29.671	13.154	0.0	132.743	7.688	0.0	34.678	9.41	0.0	1.398	0.0	0.0	1.749	0.0	0.0	1.806	0.0	0.0	2.102	0.0
66	13007	13008	NS	1	0.0	102.378	4.766	0.0	19.584	6.228	0.0	124.879	1.174	0.0	24.558	1.294	0.0	1.38	0.0	0.0	1.746	0.0	0.0	1.81	0.0	0.0	2.1	0.0
67	13007	13008	NS	1	0.0	80.991	4.777	0.0	19.247	6.23	0.0	124.84	1.167	0.0	24.558	1.294	0.0	1.38	0.0	0.0	1.746	0.0	0.0	1.81	0.0	0.0	2.1	0.0
68	13007	13008	SN	1	0.0	28.987	12.732	0.0	27.349	12.979	0.0	154.646	12.904	0.0	79.612	14.623	0.0	1.418	0.0	0.0	1.817	0.0	0.0	1.876	0.0	0.0	2.176	0.0

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

69	13007	13008	SN	1	0.0	24.387	7.33	0.0	24.051	8.511	0.0	162.417	4.385	0.0	57.26	5.634	0.0	1.422	0.0	0.0	1.816	0.0	0.0	1.882	0.0	0.0	2.175	0.0
70	13007	13008	SN	1	0.0	24.387	7.33	0.0	24.051	8.511	0.0	162.417	4.381	0.0	57.26	5.642	0.0	1.422	0.0	0.0	1.816	0.0	0.0	1.882	0.0	0.0	2.175	0.0
71	13008	13009	NS	1	0.0	210.097	11.57	0.0	29.665	13.114	0.0	122.982	7.717	0.0	35.164	9.474	0.0	1.396	0.0	0.0	1.749	0.0	0.0	1.805	0.0	0.0	2.101	0.0
72	13008	13009	SN	1	0.0	24.977	7.207	0.0	24.067	8.392	0.0	151.508	4.22	0.0	194.605	5.517	0.0	1.427	0.0	0.0	1.816	0.0	0.0	1.881	0.0	0.0	2.175	0.0
73	13008	13009	SN	1	0.0	24.977	7.315	0.0	24.067	8.37	0.0	151.508	4.357	0.0	16.771	5.426	0.0	1.427	0.0	0.0	1.816	0.0	0.0	1.881	0.0	0.0	2.175	0.0
74	13008	13009	NS	1	0.0	201.11	4.777	0.0	19.242	6.184	0.0	128.32	1.177	0.0	21.233	1.259	0.0	1.378	0.0	0.0	1.746	0.0	0.0	1.809	0.0	0.0	2.1	0.0
75	13008	13009	NS	1	0.0	186.895	4.771	0.0	19.231	6.202	0.0	180.842	1.181	0.0	24.966	1.254	0.0	1.379	0.0	0.0	1.746	0.0	0.0	1.809	0.0	0.0	2.1	0.0
76	13008	13009	SN	1	0.0	28.187	12.662	0.0	27.354	12.404	0.0	155.076	13.113	0.0	16.843	13.897	0.0	1.42	0.0	0.0	1.817	0.0	0.0	1.875	0.0	0.0	2.176	0.0
77	13008	13009	SN	1	0.0	24.977	7.207	0.0	24.067	8.397	0.0	151.508	4.221	0.0	194.605	5.517	0.0	1.427	0.0	0.0	1.816	0.0	0.0	1.881	0.0	0.0	2.175	0.0
78	13008	13009	SN	1	0.0	28.187	12.634	0.0	27.354	12.957	0.0	155.076	12.778	0.0	112.437	14.567	0.0	1.42	0.0	0.0	1.817	0.0	0.0	1.875	0.0	0.0	2.176	0.0
79	13008	13009	SN	1	0.0	28.187	12.634	0.0	27.354	12.957	0.0	155.076	12.778	0.0	112.52	14.567	0.0	1.42	0.0	0.0	1.817	0.0	0.0	1.875	0.0	0.0	2.176	0.0
80	13008	13009	NS	1	0.0	160.136	11.585	0.0	29.505	13.127	0.0	122.982	7.737	0.0	35.87	9.426	0.0	1.396	0.0	0.0	1.748	0.0	0.0	1.805	0.0	0.0	2.1	0.0
81	13009	13010	NS	1	0.0	19.981	4.76	0.0	19.242	6.057	0.0	166.997	1.151	0.0	21.536	1.206	0.0	1.379	0.0	0.0	1.748	0.0	0.0	1.818	0.0	0.0	2.103	0.0
82	13009	13010	SN	1	0.0	26.494	12.689	0.0	25.805	12.483	0.0	162.974	13.411	0.0	16.854	13.96	0.0	1.438	0.0	0.0	1.815	0.0	0.0	1.873	0.0	0.0	2.175	0.0
83	13009	13010	NS	1	0.0	42.413	11.42	0.0	29.538	13.109	0.0	304.15	7.546	0.0	36.807	9.252	0.0	1.397	0.0	0.0	1.75	0.0	0.0	1.805	0.0	0.0	2.101	0.0
84	13009	13010	NS	1	0.0	23.698	11.41	0.0	29.538	13.119	0.0	264.309	7.538	0.0	36.802	9.238	0.0	1.397	0.0	0.0	1.75	0.0	0.0	1.806	0.0	0.0	2.099	0.0
85	13009	13010	SN	1	0.0	26.494	12.635	0.0	27.365	13.051	0.0	162.974	12.954	0.0	122.441	14.729	0.0	1.438	0.0	0.0	1.815	0.0	0.0	1.873	0.0	0.0	2.175	0.0
86	13009	13010	SN	1	0.0	26.494	12.635	0.0	27.365	13.051	0.0	162.974	12.954	0.0	122.441	14.729	0.0	1.438	0.0	0.0	1.815	0.0	0.0	1.873	0.0	0.0	2.175	0.0
87	13009	13010	SN	1	0.0	24.382	7.36	0.0	24.051	8.477	0.0	158.81	4.542	0.0	16.771	5.724	0.0	1.424	0.0	0.0	1.815	0.0	0.0	1.884	0.0	0.0	2.174	0.0
88	13009	13010	NS	1	0.0	68.146	4.764	0.0	19.242	6.05	0.0	286.231	1.144	0.0	21.536	1.205	0.0	1.379	0.0	0.0	1.748	0.0	0.0	1.817	0.0	0.0	2.1	0.0
89	13009	13010	SN	1	0.0	24.382	7.201	0.0	24.051	8.464	0.0	158.81	4.34	0.0	62.474	5.766	0.0	1.424	0.0	0.0	1.815	0.0	0.0	1.884	0.0	0.0	2.174	0.0
90	13009	13010	SN	1	0.0	24.382	7.201	0.0	24.051	8.464	0.0	158.81	4.34	0.0	62.474	5.766	0.0	1.424	0.0	0.0	1.815	0.0	0.0	1.884	0.0	0.0	2.174	0.0
91	13010	13011	SN	1	0.0	132.514	7.151	0.0	265.484	8.388	0.0	156.218	4.328	0.0	116.358	5.661	0.0	1.42	0.0	0.0	1.815	0.0	0.0	1.879	0.0	0.0	2.173	0.0
92	13010	13011	NS	1	0.0	218.333	4.828	0.0	20.433	6.158	0.0	346.543	1.19	0.0	37.734	1.254	0.0	1.379	0.0	0.0	1.746	0.0	0.0	1.81	0.0	0.0	2.101	0.0
93	13010	13011	NS	1	0.0	120.401	11.546	0.0	29.582	13.178	0.0	357.855	7.732	0.0	56.865	9.369	0.0	1.398	0.0	0.0	1.75	0.0	0.0	1.804	0.0	0.0	2.099	0.0
94	13010	13011	NS	1	0.0	120.401	11.546	0.0	29.582	13.178	0.0	357.855	7.732	0.0	56.865	9.369	0.0	1.398	0.0	0.0	1.75	0.0	0.0	1.804	0.0	0.0	2.099	0.0
95	13010	13011	SN	1	0.0	132.514	7.151	0.0	265.484	8.388	0.0	156.218	4.327	0.0	116.358	5.661	0.0	1.42	0.0	0.0	1.815	0.0	0.0	1.879	0.0	0.0	2.173	0.0
96	13010	13011	SN	1	0.0	132.923	12.853	0.0	233.745	13.096	0.0	168.07	13.098	0.0	114.682	14.619	0.0	1.465	0.0	0.0	1.814	0.0	0.0	1.873	0.0	0.0	2.174	0.0
97	13010	13011	NS	1	0.0	218.333	4.828	0.0	20.433	6.158	0.0	346.543	1.19	0.0	37.734	1.254	0.0	1.379	0.0	0.0	1.746	0.0	0.0	1.81	0.0	0.0	2.101	0.0
98	13010	13011	SN	1	0.0	132.923	12.948	0.0	233.745	12.4	0.0	168.07	13.686	0.0	114.682	13.673	0.0	1.465	0.0	0.0	1.814	0.0	0.0	1.873	0.0	0.0	2.174	0.0
99	13010	13011	SN	1	0.0	132.923	12.853	0.0	233.745	13.096	0.0	168.07	13.098	0.0	114.682	14.626	0.0	1.465	0.0	0.0	1.814	0.0	0.0	1.873	0.0	0.0	2.174	0.0
100	13010	13011	SN	1	0.0	132.514	7.38	0.0	265.484	8.446	0.0	156.218	4.609	0.0	116.358	5.682	0.0	1.42	0.0	0.0	1.815	0.0	0.0	1.879	0.0	0.0	2.173	0.0
101	13011	13012	NS	1	0.0	256.566	11.555	0.7	29.627	13.188	0.0	351.882	7.744	0.0	58.36	9.451	0.0	1.397	0.0	0.002	1.75	0.0	0.0	1.806	0.0	0.0	2.101	0.0
102	13011	13012	NS	1	0.0	256.566	11.555	0.706	29.627	13.188	0.0	351.876	7.744	0.0	58.349	9.458	0.0	1.397	0.0	0.002	1.75	0.0	0.0	1.806	0.0	0.0	2.101	0.0
103	13011	13012	SN	1	0.0	24.365	7.151	0.0	24.056	8.297	0.0	173.292	4.172	0.0	74.596	5.478	0.0	1.43	0.0	0.0	1.815	0.0	0.0	1.879	0.0	0.0	2.173	0.0
104	13011	13012	SN	1	0.0	24.365	7.151	0.0	24.056	8.297	0.0	173.292	4.172	0.0	74.596	5.478	0.0	1.43	0.0	0.0	1.815	0.0	0.0	1.879	0.0	0.0	2.173	0.0
105	13011	13012	NS	1	0.0	198.154	4.87	0.0	20.45	6.232	0.0	139.499	1.177	0.0	38.859	1.265	0.0	1.378	0.0	0.0	1.746	0.0	0.0	1.81	0.0	0.0	2.099	0.0

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



106	13011	13012	SN	1	0.0	28.237	12.613	0.0	27.365	13.025	0.0	145.199	12.786	0.0	84.493	14.431	0.0	1.42	0.0	0.0	1.816	0.0	0.0	1.878	0.0	0.0	2.174	0.0
107	13011	13012	SN	1	0.0	28.237	12.613	0.0	27.365	13.025	0.0	145.199	12.786	0.0	84.493	14.431	0.0	1.42	0.0	0.0	1.816	0.0	0.0	1.878	0.0	0.0	2.174	0.0
108	13011	13012	NS	1	0.0	215.606	4.877	0.0	20.45	6.23	0.0	139.499	1.181	0.0	38.864	1.262	0.0	1.378	0.0	0.0	1.746	0.0	0.0	1.81	0.0	0.0	2.099	0.0
109	13012	13013	SN	1	0.0	24.376	7.141	0.0	24.062	8.473	0.0	168.467	4.315	0.0	128.701	5.76	0.0	1.42	0.0	0.0	1.815	0.0	0.0	1.883	0.0	0.0	2.173	0.0
110	13012	13013	NS	1	0.0	42.772	11.492	0.0	29.638	13.09	0.0	355.356	7.674	0.0	33.823	9.365	0.0	1.396	0.0	0.0	1.748	0.0	0.0	1.808	0.0	0.0	2.099	0.0
111	13012	13013	SN	1	0.0	27.073	12.735	0.0	27.332	13.133	0.0	158.6	12.996	0.0	123.633	14.828	0.0	1.44	0.0	0.0	1.817	0.0	0.0	1.873	0.0	0.0	2.175	0.0
112	13012	13013	NS	1	0.0	42.772	11.502	0.0	33.57	13.06	0.0	355.356	7.702	0.0	33.823	9.38	0.0	1.397	0.0	0.0	1.748	0.0	0.0	1.808	0.0	0.0	2.099	0.0
113	13012	13013	NS	1	0.0	69.801	4.843	0.0	19.247	6.206	0.0	155.898	1.165	0.0	25.099	1.225	0.0	1.378	0.0	0.0	1.746	0.0	0.0	1.809	0.0	0.0	2.099	0.0
114	13012	13013	NS	1	0.0	69.801	4.841	0.0	20.417	6.208	0.0	155.904	1.167	0.0	25.093	1.224	0.0	1.378	0.0	0.0	1.746	0.0	0.0	1.81	0.0	0.0	2.099	0.0
115	13013	13014	SN	1	0.0	24.382	7.13	0.0	124.498	8.369	0.0	152.402	4.336	0.0	256.665	5.56	0.0	1.42	0.0	0.0	1.815	0.0	0.0	1.88	0.0	0.0	2.173	0.0
116	13013	13014	SN	1	0.0	28.292	12.756	0.0	276.497	13.054	0.0	157.387	12.982	0.0	263.14	14.687	0.0	1.414	0.0	0.0	1.817	0.0	0.0	1.872	0.0	0.0	2.174	0.0
117	13013	13014	NS	1	0.0	255.984	4.869	0.0	20.389	6.228	0.0	166.52	1.166	0.0	21.856	1.238	0.0	1.377	0.0	0.0	1.745	0.0	0.0	1.81	0.0	0.0	2.099	0.0
118	13013	13014	NS	1	0.0	211.349	11.643	0.0	29.632	13.115	0.0	357.06	7.733	0.0	37.816	9.432	0.0	1.394	0.0	0.0	1.748	0.0	0.0	1.808	0.0	0.0	2.099	0.0
119	13014	13015	NS	1	0.0	205.166	4.846	0.0	20.444	6.192	0.0	196.77	1.176	0.0	21.321	1.263	0.0	1.378	0.0	0.0	1.746	0.0	0.0	1.809	0.0	0.0	2.1	0.0
120	13014	13015	NS	1	0.0	271.887	11.626	0.0	29.494	13.179	0.0	274.49	7.737	0.0	36.206	9.448	0.0	1.396	0.0	0.0	1.748	0.0	0.0	1.801	0.0	0.0	2.099	0.0
121	13014	13015	SN	1	0.0	28.093	12.758	0.0	241.615	13.03	0.0	153.08	12.946	0.0	217.641	14.615	0.0	1.424	0.0	0.0	1.817	0.0	0.0	1.873	0.0	0.0	2.175	0.0
122	13014	13015	SN	1	0.0	24.365	7.142	0.0	24.056	8.355	0.0	189.755	4.308	0.0	47.197	5.507	0.0	1.423	0.0	0.0	1.815	0.0	0.0	1.88	0.0	0.0	2.174	0.0
123	13014	13015	SN	1	0.0	28.093	12.758	0.0	241.615	13.03	0.0	153.08	12.946	0.0	217.641	14.615	0.0	1.424	0.0	0.0	1.817	0.0	0.0	1.873	0.0	0.0	2.175	0.0
124	13014	13015	NS	1	0.0	205.166	4.872	0.0	20.444	6.179	0.0	196.77	1.194	0.0	11.775	1.174	0.0	1.378	0.0	0.0	1.746	0.0	0.0	1.809	0.0	0.0	2.1	0.0
125	13014	13015	SN	1	0.0	24.365	7.142	0.0	24.056	8.355	0.0	189.755	4.31	0.0	47.197	5.505	0.0	1.423	0.0	0.0	1.815	0.0	0.0	1.88	0.0	0.0	2.174	0.0
126	13014	13015	NS	1	0.0	271.887	11.673	0.0	24.294	12.949	0.0	274.49	7.824	0.0	16.788	9.169	0.0	1.396	0.0	0.0	1.748	0.0	0.0	1.801	0.0	0.0	2.099	0.0
127	13015	13016	NS	1	0.0	92.478	11.506	0.0	29.522	13.123	0.0	149.647	7.565	0.0	36.471	9.315	0.0	1.396	0.0	0.0	1.749	0.0	0.0	1.805	0.0	0.0	2.099	0.0
128	13015	13016	SN	1	0.0	28.11	12.751	0.0	87.576	13.054	0.0	188.872	13.023	0.0	102.819	14.572	0.0	1.433	0.0	0.0	1.815	0.0	0.0	1.874	0.0	0.0	2.173	0.0
129	13015	13016	SN	1	0.0	24.376	7.191	0.0	160.484	8.399	0.0	179.717	4.363	0.0	78.66	5.657	0.0	1.42	0.0	0.0	1.815	0.0	0.0	1.88	0.0	0.0	2.173	0.0
130	13015	13016	NS	1	0.0	154.572	4.885	0.0	20.455	6.173	0.0	345.689	1.182	0.0	11.482	1.098	0.0	1.381	0.0	0.0	1.746	0.0	0.0	1.809	0.0	0.0	2.1	0.0
131	13015	13016	NS	1	0.0	154.572	4.816	0.0	20.455	6.165	0.0	345.689	1.126	0.0	25.402	1.225	0.0	1.381	0.0	0.0	1.746	0.0	0.0	1.809	0.0	0.0	2.1	0.0
132	13015	13016	NS	1	0.0	92.478	11.666	0.0	24.288	12.586	0.0	149.647	7.898	0.0	13.363	8.664	0.0	1.396	0.0	0.0	1.749	0.0	0.0	1.805	0.0	0.0	2.099	0.0
133	13015	13016	NS	1	0.0	92.478	11.506	0.0	29.522	13.123	0.0	149.647	7.565	0.0	36.471	9.315	0.0	1.396	0.0	0.0	1.749	0.0	0.0	1.805	0.0	0.0	2.099	0.0
134	13015	13016	NS	1	0.0	154.572	4.816	0.0	20.455	6.165	0.0	345.689	1.126	0.0	25.402	1.225	0.0	1.381	0.0	0.0	1.746	0.0	0.0	1.809	0.0	0.0	2.1	0.0
135	13016	13017	SN	1	0.0	28.154	12.742	0.0	27.36	12.99	0.0	165.797	12.781	0.0	273.621	14.501	0.0	1.434	0.0	0.0	1.815	0.0	0.0	1.877	0.0	0.0	2.173	0.0
136	13016	13017	NS	1	0.0	205.183	5.025	0.0	25.584	6.256	0.0	353.421	1.293	0.0	11.482	1.18	0.0	1.378	0.0	0.0	1.748	0.0	0.0	1.814	0.0	0.0	2.1	0.0
137	13016	13017	NS	1	0.0	205.183	4.87	0.0	25.584	6.187	0.0	353.421	1.174	0.0	38.18	1.254	0.0	1.378	0.0	0.0	1.748	0.0	0.0	1.814	0.0	0.0	2.1	0.0
138	13016	13017	NS	1	0.0	205.183	4.87	0.0	25.584	6.19	0.0	353.421	1.174	0.0	38.18	1.258	0.0	1.378	0.0	0.0	1.748	0.0	0.0	1.814	0.0	0.0	2.1	0.0
139	13016	13017	NS	1	0.0	58.109	11.542	0.0	29.571	13.113	0.0	354.937	7.714	0.0	36.741	9.51	0.0	1.397	0.0	0.0	1.751	0.0	0.0	1.8	0.0	0.0	2.099	0.0
140	13016	13017	NS	1	0.0	58.109	11.542	0.0	29.571	13.113	0.0	354.937	7.714	0.0	36.741	9.51	0.0	1.397	0.0	0.0	1.751	0.0	0.0	1.8	0.0	0.0	2.099	0.0
141	13016	13017	SN	1	0.0	26.489	7.193	0.0	24.078	8.359	0.0	162.34	4.32	0.0	119.469	5.645	0.0	1.426	0.0	0.0	1.814	0.0	0.0	1.882	0.0	0.0	2.173	0.0
142	13016	13017	SN	1	0.0	26.489	7.193	0.0	24.078	8.357	0.0	162.373	4.319	0.0	119.463	5.642	0.0	1.426	0.0	0.0	1.814	0.0	0.0	1.882	0.0	0.0	2.173	0.0

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

143	13016	13017	NS	1	0.0	58.109	11.878	0.0	29.395	12.363	0.0	354.937	8.432	0.0	13.153	8.577	0.0	1.397	0.0	0.0	1.751	0.0	0.0	1.8	0.0	0.0	2.099	0.0
144	13016	13017	SN	1	0.0	28.16	12.742	0.0	27.36	13.0	0.0	165.781	12.766	0.0	156.701	14.501	0.0	1.434	0.0	0.0	1.815	0.0	0.0	1.876	0.0	0.0	2.173	0.0
145	13017	13018	NS	1	0.0	159.116	11.447	0.0	29.61	13.114	0.0	355.23	7.612	0.0	37.706	9.462	0.0	1.399	0.0	0.0	1.751	0.0	0.0	1.802	0.0	0.0	2.099	0.0
146	13017	13018	SN	1	0.0	24.387	7.305	0.0	192.865	8.454	0.0	171.936	4.56	0.0	16.76	5.713	0.0	1.422	0.0	0.0	1.814	0.0	0.0	1.88	0.0	0.0	2.173	0.0
147	13017	13018	NS	1	0.0	219.494	5.077	0.0	25.606	6.438	0.0	262.114	1.38	0.0	11.455	1.246	0.0	1.381	0.0	0.0	1.747	0.0	0.0	1.809	0.0	0.0	2.1	0.0
148	13017	13018	SN	1	0.0	24.387	7.125	0.0	192.865	8.386	0.0	171.936	4.327	0.0	66.285	5.723	0.0	1.422	0.0	0.0	1.814	0.0	0.0	1.88	0.0	0.0	2.173	0.0
149	13017	13018	NS	1	0.0	159.116	11.447	0.0	29.61	13.114	0.0	355.23	7.612	0.0	37.706	9.462	0.0	1.399	0.0	0.0	1.751	0.0	0.0	1.802	0.0	0.0	2.099	0.0
150	13017	13018	NS	1	0.0	219.494	4.837	0.0	25.606	6.214	0.0	262.114	1.174	0.0	26.373	1.248	0.0	1.381	0.0	0.0	1.747	0.0	0.0	1.809	0.0	0.0	2.1	0.0
151	13017	13018	NS	1	0.0	159.116	12.006	0.0	29.423	12.307	0.0	355.23	8.829	0.0	13.021	8.459	0.0	1.399	0.0	0.0	1.751	0.0	0.0	1.802	0.0	0.0	2.099	0.0
152	13017	13018	NS	1	0.0	219.494	4.837	0.0	25.606	6.214	0.0	262.114	1.174	0.0	26.373	1.248	0.0	1.381	0.0	0.0	1.747	0.0	0.0	1.809	0.0	0.0	2.1	0.0
153	13017	13018	SN	1	0.0	28.325	12.903	0.0	211.249	12.473	0.0	163.487	13.593	0.0	16.843	13.743	0.0	1.415	0.0	0.0	1.816	0.0	0.0	1.878	0.0	0.0	2.174	0.0
154	13017	13018	SN	1	0.0	28.325	12.83	0.0	211.249	13.147	0.0	163.487	13.07	0.0	113.579	14.612	0.0	1.415	0.0	0.0	1.816	0.0	0.0	1.878	0.0	0.0	2.174	0.0
155	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	0.0	1.815	0.0	0.0	1.883	0.0	0.0	2.174	0.0
156	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	0.0	1.749	0.0	0.0	1.807	0.0	0.0	2.102	0.0
157	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	0.0	1.746	0.0	0.0	1.81	0.0	0.0	2.101	0.0
158	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	0.0	1.817	0.0	0.0	1.875	0.0	0.0	2.176	0.0
159	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	0.0	1.817	0.0	0.0	1.875	0.0	0.0	2.176	0.0
160	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	0.0	1.817	0.0	0.0	1.875	0.0	0.0	2.176	0.0
161	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	0.0	1.815	0.0	0.0	1.883	0.0	0.0	2.174	0.0
162	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	0.0	1.815	0.0	0.0	1.883	0.0	0.0	2.174	0.0
163	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	0.0	1.817	0.0	0.0	1.875	0.0	0.0	2.176	0.0
164	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	0.0	1.746	0.0	0.0	1.81	0.0	0.0	2.1	0.0
165	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	0.0	1.816	0.0	0.0	1.883	0.0	0.0	2.175	0.0
166	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	0.0	1.815	0.0	0.0	1.883	0.0	0.0	2.175	0.0
167	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	0.0	1.749	0.0	0.0	1.804	0.0	0.0	2.098	0.0
168	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	0.0	1.817	0.0	0.0	1.875	0.0	0.0	2.176	0.0
169	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	0.0	1.816	0.0	0.0	1.883	0.0	0.0	2.175	0.0
170	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	0.0	1.817	0.0	0.0	1.875	0.0	0.0	2.176	0.0
171	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	0.0	1.746	0.0	0.0	1.81	0.0	0.0	2.099	0.0
172	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	0.0	1.749	0.0	0.0	1.807	0.0	0.0	2.099	0.0
173	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	0.0	1.745	0.0	0.0	1.81	0.0	0.0	2.1	0.0
174	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	0.0	1.816	0.0	0.0	1.879	0.0	0.0	2.176	0.0
175	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	0.0	1.815	0.0	0.0	1.881	0.0	0.0	2.175	0.0
176	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	0.0	1.748	0.0	0.0	1.802	0.0	0.0	2.099	0.0
177	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	0.0	1.816	0.0	0.0	1.879	0.0	0.0	2.176	0.0
178	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	0.0	1.815	0.0	0.0	1.881	0.0	0.0	2.175	0.0
179	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	0.0	1.816	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

180	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	0.0	1.749	0.0	0.0	1.809	0.0	0.0	2.099	0.0
181	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	0.0	1.816	0.0	0.0	1.881	0.0	0.0	2.174	0.0
182	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	0.0	1.816	0.0	0.0	1.877	0.0	0.0	2.175	0.0
183	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	0.0	1.748	0.0	0.0	1.808	0.0	0.0	2.106	0.0
184	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	0.0	1.816	0.0	0.0	1.877	0.0	0.0	2.175	0.0
185	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
186	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
187	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
188	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	0.0	1.815	0.0	0.0	1.881	0.0	0.0	2.175	0.0
189	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
190	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
191	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
192	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
193	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
194	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
195	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
196	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
197	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
198	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
199	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
200	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
201	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
202	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
203	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
204	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
205	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
206	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
207	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
208	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
209	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
210	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
211	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
212	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
213	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
214	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
215	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
216	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

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

217	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
218	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
219	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
220	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
221	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
222	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
223	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
224	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
225	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
226	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
227	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
228	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
229	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
230	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
231	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
232	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
233	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
234	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
235	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
236	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
237	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
238	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
239	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
240	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
241	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
242	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
243	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
244	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
245	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
246	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
247	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
248	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
249	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
250	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
251	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
252	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
253	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

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



254	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
255	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
256	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
257	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
258	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
259	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
260	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

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