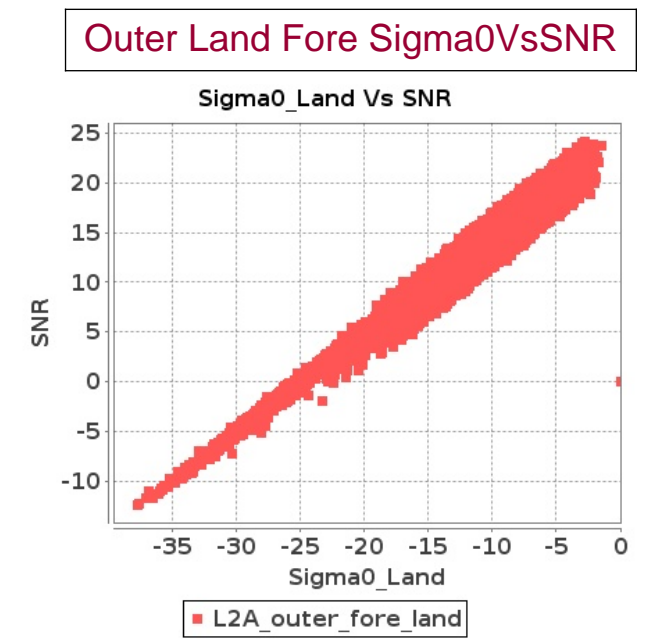
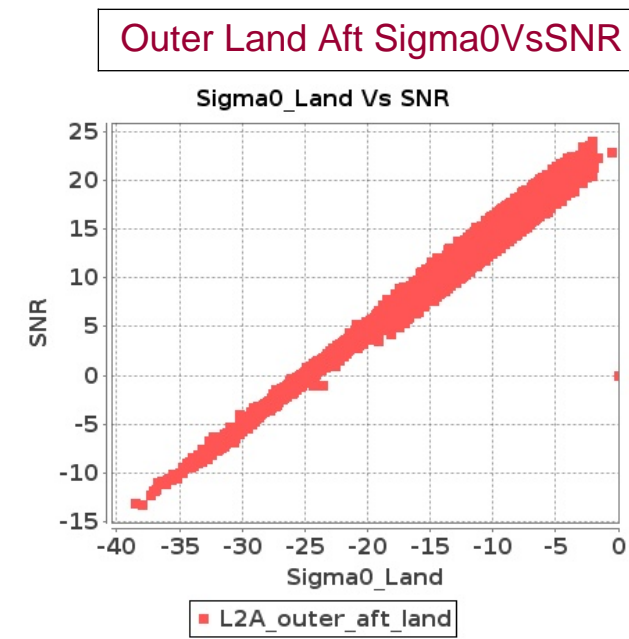
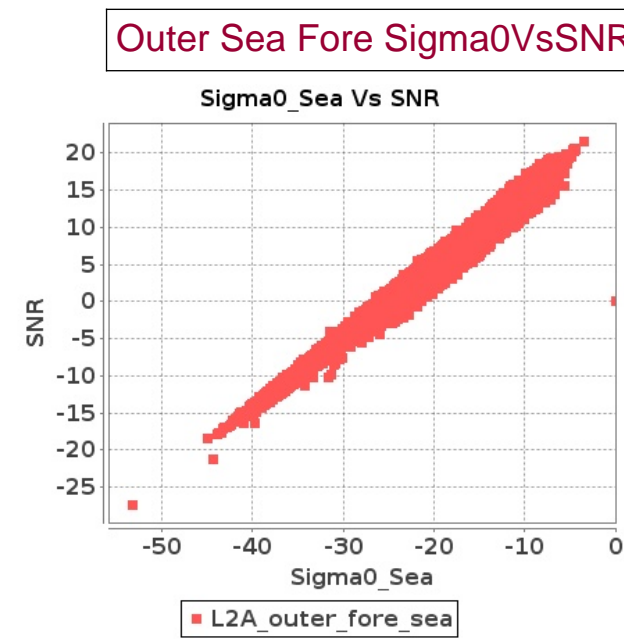
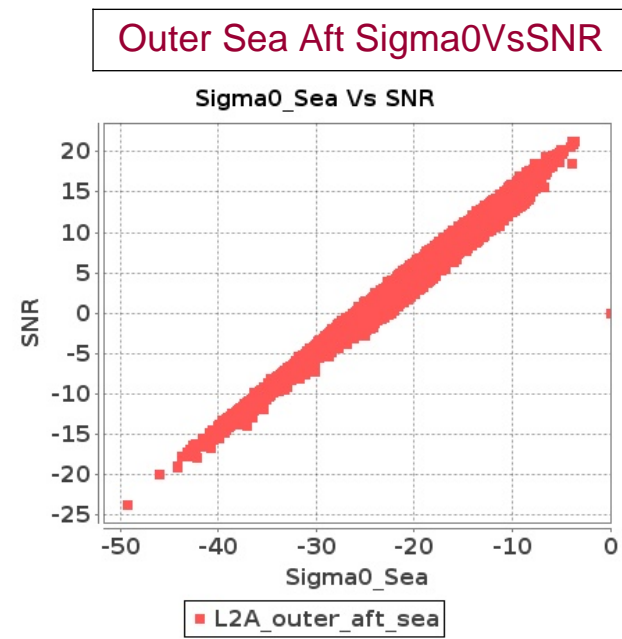
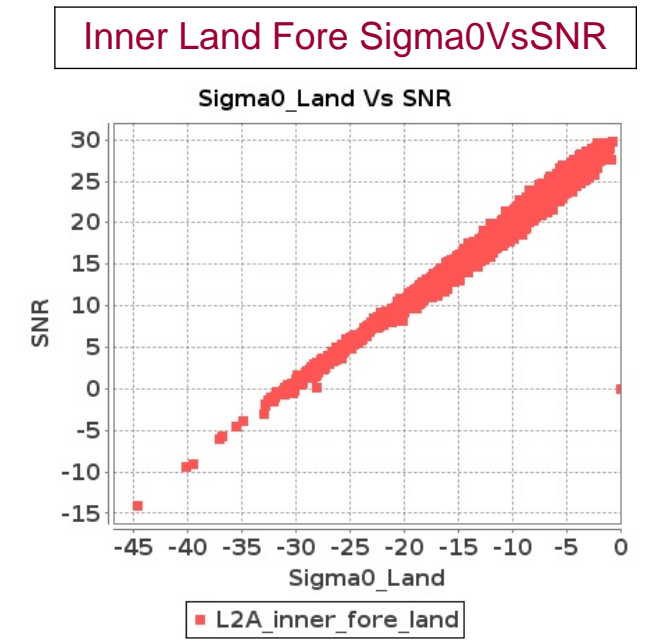
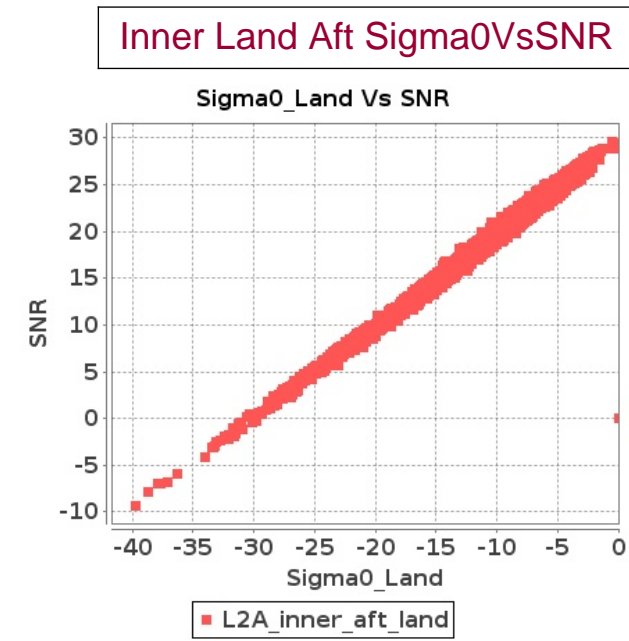
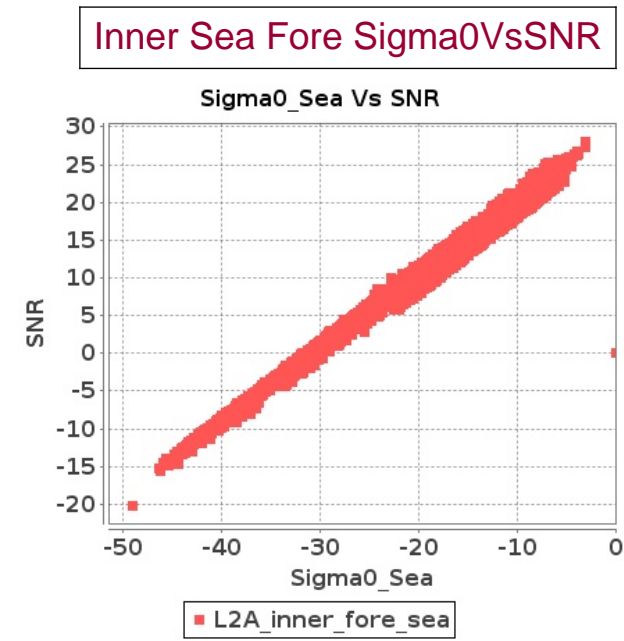
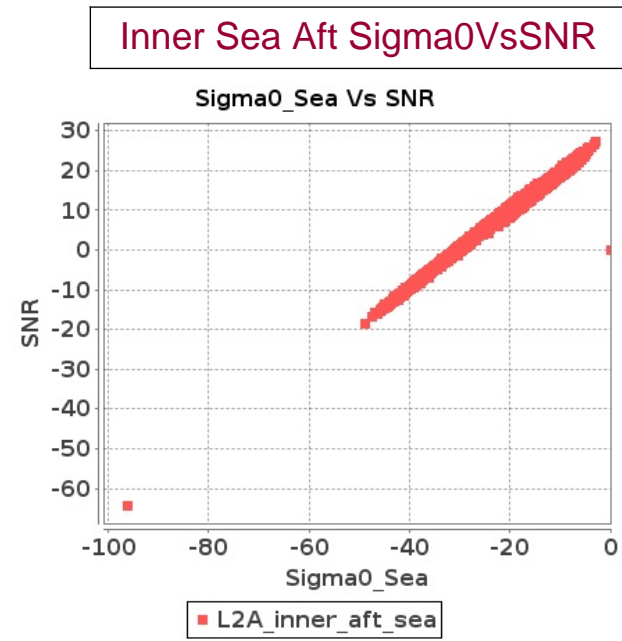


# SCATSAT-1 Scatterometer Level-2A Data Quality Cycle wise Report

Report between 16-MAR-2019 To 17-MAR-2019



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

Report between 16-MAR-2019 To 17-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	13061	13062	SN	1	0.0	38.706	1.489	0.0	46.583	2.038	0.0	43.43	1.908	0.0	45.633	2.371	0.0	39.099	1.436	0.0	43.644	1.835	0.0	41.987	1.864	0.0	44.403	1.982
2	13061	13062	SN	1	0.0	40.115	0.459	0.0	42.996	0.553	0.0	42.041	0.553	0.0	45.174	0.854	0.0	40.406	0.443	0.0	39.248	0.463	0.0	38.52	0.487	0.0	44.325	0.643
3	13061	13062	SN	1	0.0	38.882	1.436	0.0	49.102	1.945	0.0	43.576	1.885	0.0	44.376	2.264	0.0	39.049	1.375	0.0	46.16	1.732	0.0	44.194	1.807	0.0	44.092	1.895
4	13061	13062	SN	1	0.0	40.115	0.439	0.0	42.996	0.533	0.0	42.041	0.534	0.0	45.174	0.813	0.0	40.406	0.423	0.0	39.248	0.445	0.0	38.52	0.474	0.0	44.325	0.613
5	13061	13062	SN	1	0.0	38.706	1.416	0.0	46.583	1.935	0.0	43.43	1.828	0.0	45.633	2.271	0.0	39.099	1.375	0.0	43.644	1.753	0.0	41.987	1.785	0.0	44.403	1.881
6	13061	13062	SN	1	0.0	37.01	0.444	0.0	42.479	0.535	0.0	36.458	0.55	0.0	41.293	0.815	0.0	37.122	0.419	0.0	38.73	0.447	0.0	36.322	0.483	0.0	43.058	0.624
7	13062	13063	SN	1	0.0	40.862	1.225	0.0	46.504	1.519	0.0	38.909	1.289	0.0	42.25	1.625	0.0	40.245	1.25	0.0	45.433	1.485	0.0	39.228	1.277	0.0	40.177	1.61
8	13062	13063	SN	1	0.0	43.664	1.228	0.0	46.139	1.505	0.0	44.834	1.309	0.0	45.406	1.63	0.0	41.254	1.241	0.0	45.867	1.498	0.0	44.113	1.282	0.0	41.461	1.653
9	13062	13063	SN	1	0.0	50.808	4.289	0.0	52.87	4.895	0.0	43.304	4.243	0.0	49.742	5.236	0.0	50.897	4.421	0.0	55.082	4.763	0.0	41.631	4.356	0.0	49.69	5.158
10	13062	13063	SN	1	0.0	50.833	4.309	0.0	58.255	4.875	0.0	45.251	4.115	0.0	49.742	5.222	0.0	50.922	4.37	0.0	60.468	4.753	0.0	44.133	4.271	0.0	49.69	5.144
11	13062	13063	SN	1	0.0	50.808	4.347	0.0	52.87	4.971	0.0	43.304	4.314	0.0	49.742	5.325	0.0	50.897	4.481	0.0	55.082	4.837	0.0	41.631	4.429	0.0	49.69	5.246
12	13062	13063	NS	1	0.0	38.366	0.89	0.0	53.856	1.416	0.0	42.043	0.825	0.0	40.917	1.385	0.0	37.576	0.88	0.0	53.666	1.266	0.0	41.086	0.756	0.0	41.846	1.184
13	13062	13063	SN	1	0.0	43.664	1.241	0.0	46.139	1.532	0.0	44.834	1.324	0.0	45.406	1.647	0.0	41.254	1.254	0.0	45.867	1.526	0.0	44.113	1.298	0.0	41.461	1.677
14	13062	13063	NS	1	0.0	47.211	3.638	0.0	57.086	5.318	0.0	41.746	3.176	0.0	43.602	4.468	0.0	47.89	3.75	0.0	55.84	5.064	0.0	40.939	3.02	0.0	43.495	4.055
15	13063	13064	NS	1	0.0	46.846	3.994	0.0	44.0	5.711	0.0	41.306	4.304	0.0	42.148	5.091	0.0	47.708	3.923	0.0	44.728	5.496	0.0	39.982	4.446	0.0	38.716	4.933
16	13063	13064	SN	1	0.0	46.003	2.669	0.0	43.073	3.194	0.0	41.484	2.854	0.0	45.12	3.956	0.0	47.386	2.658	0.0	42.594	2.93	0.0	42.121	2.72	0.0	42.895	3.535
17	13063	13064	NS	1	0.0	43.57	1.139	0.0	42.915	1.555	0.0	43.992	1.259	0.0	43.163	1.704	0.0	44.116	1.168	0.0	45.857	1.475	0.0	44.239	1.246	0.0	39.699	1.592
18	13063	13064	SN	1	0.0	47.923	0.788	0.0	47.318	1.126	0.0	37.328	0.962	0.0	37.775	1.481	0.0	46.183	0.747	0.0	47.88	0.979	0.0	37.923	0.861	0.0	36.863	1.189
19	13063	13064	NS	1	0.0	48.99	3.953	0.0	44.159	5.741	0.0	41.308	4.325	0.0	44.127	5.062	0.0	49.849	3.923	0.0	45.008	5.516	0.0	39.982	4.46	0.0	40.696	4.911
20	13063	13064	SN	1	0.0	47.923	0.799	0.0	47.318	1.135	0.0	37.328	0.984	0.0	37.775	1.505	0.0	46.183	0.758	0.0	47.88	0.991	0.0	37.923	0.877	0.0	36.863	1.22
21	13063	13064	SN	1	0.0	47.923	0.799	0.0	47.318	1.134	0.0	37.328	0.984	0.0	37.775	1.504	0.0	46.183	0.758	0.0	47.88	0.989	0.0	37.923	0.877	0.0	36.863	1.219
22	13063	13064	SN	1	0.0	46.003	2.707	0.0	43.073	3.223	0.0	41.484	2.866	0.0	45.12	4.039	0.0	47.386	2.697	0.0	42.594	2.985	0.0	42.121	2.773	0.0	42.895	3.576
23	13063	13064	SN	1	0.0	46.003	2.707	0.0	43.073	3.215	0.0	41.484	2.866	0.0	45.12	4.029	0.0	47.386	2.697	0.0	42.594	2.978	0.0	42.121	2.773	0.0	42.895	3.567
24	13063	13064	NS	1	0.0	38.559	1.141	0.0	42.903	1.541	0.0	43.992	1.273	0.0	41.189	1.706	0.0	38.196	1.161	0.0	43.921	1.468	0.0	44.239	1.241	0.0	36.712	1.602
25	13064	13065	NS	1	0.0	45.875	1.363	0.0	42.289	1.856	0.0	38.557	1.611	0.0	45.488	2.101	0.0	45.768	1.336	0.0	42.382	1.663	0.0	39.481	1.556	0.0	41.016	1.9
26	13064	13065	SN	1	0.0	52.177	1.063	0.0	41.433	1.706	0.0	37.165	1.333	0.0	39.518	2.132	0.0	53.161	1.034	0.0	41.474	1.615	0.0	36.976	1.266	0.0	39.287	1.817
27	13064	13065	SN	1	0.0	55.127	4.006	0.0	48.778	5.499	0.0	44.436	3.818	0.0	45.646	5.941	0.0	55.116	3.872	0.0	48.775	5.26	0.0	46.252	3.601	0.0	45.956	5.497
28	13064	13065	NS	1	0.0	52.801	4.611	0.0	52.955	5.671	0.0	43.927	5.162	0.0	44.858	6.359	0.0	53.949	4.652	0.0	53.69	5.233	0.0	45.076	5.062	0.0	43.728	6.031
29	13064	13065	SN	1	0.0	52.111	1.063	0.0	41.433	1.706	0.0	37.165	1.333	0.0	39.518	2.132	0.0	53.096	1.034	0.0	41.474	1.615	0.0	36.976	1.266	0.0	39.287	1.817
30	13064	13065	SN	1	0.0	50.779	1.08	0.0	41.433	1.735	0.0	37.165	1.345	0.0	39.518	2.167	0.0	51.761	1.05	0.0	41.474	1.644	0.0	36.976	1.282	0.0	39.287	1.849
31	13064	13065	NS	1	0.0	45.875	1.361	0.0	42.289	1.854	0.0	38.557	1.602	0.0	45.488	2.101	0.0	45.768	1.34	0.0	42.382	1.665	0.0	39.481	1.55	0.0	41.016	1.896

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

32	13064	13065	NS	1	0.0	52.801	4.591	0.0	52.955	5.671	0.0	44.974	5.191	0.0	44.858	6.366	0.0	53.949	4.632	0.0	53.69	5.233	0.0	45.076	5.055	0.0	43.728	6.038
33	13064	13065	SN	1	0.0	55.127	3.908	0.0	48.778	5.401	0.0	46.716	3.764	0.0	45.646	5.834	0.0	55.116	3.776	0.0	48.775	5.167	0.0	49.718	3.544	0.0	45.956	5.398
34	13064	13065	SN	1	0.0	55.127	3.908	0.0	48.778	5.401	0.0	46.84	3.764	0.0	45.646	5.834	0.0	55.116	3.776	0.0	48.775	5.167	0.0	49.844	3.544	0.0	45.956	5.398
35	13065	13066	NS	1	0.0	51.042	2.564	0.0	52.915	2.851	0.0	43.051	2.879	0.0	46.48	3.308	0.0	51.009	2.646	0.0	52.119	2.576	0.0	45.063	2.786	0.0	46.045	2.894
36	13065	13066	NS	1	0.0	42.19	0.695	0.0	43.271	0.843	0.0	38.893	0.782	0.0	44.018	0.983	0.0	43.474	0.697	0.0	45.126	0.811	0.0	36.274	0.741	0.0	44.466	0.876
37	13065	13066	NS	1	0.0	45.938	0.688	0.0	45.279	0.806	0.0	37.569	0.787	0.0	39.093	1.005	0.0	45.696	0.688	0.0	44.137	0.795	0.0	35.463	0.73	0.0	39.207	0.871
38	13065	13066	SN	1	0.0	39.687	1.137	0.0	38.967	1.424	0.0	39.62	1.324	0.0	41.911	1.852	0.0	40.285	1.119	0.0	37.324	1.288	0.0	36.282	1.249	0.0	37.604	1.64
39	13065	13066	SN	1	0.0	39.687	1.137	0.0	38.967	1.424	0.0	39.62	1.324	0.0	41.911	1.852	0.0	40.285	1.119	0.0	37.324	1.288	0.0	36.282	1.249	0.0	37.604	1.64
40	13065	13066	SN	1	0.0	39.605	3.673	0.0	40.634	4.166	0.0	40.907	3.882	0.0	39.121	5.027	0.0	39.589	3.663	0.0	40.657	3.901	0.0	41.646	3.839	0.0	39.52	4.806
41	13065	13066	SN	1	0.0	39.605	3.673	0.0	40.634	4.166	0.0	40.907	3.882	0.0	39.121	5.027	0.0	39.589	3.663	0.0	40.657	3.901	0.0	41.646	3.839	0.0	39.52	4.806
42	13065	13066	NS	1	0.0	51.518	2.595	0.0	49.321	2.871	0.0	43.09	2.85	0.0	45.531	3.315	0.0	52.075	2.646	0.0	50.556	2.607	0.0	45.1	2.757	0.0	47.441	2.908
43	13066	13067	NS	1	0.0	49.427	5.628	0.0	49.253	6.111	0.0	51.192	4.805	0.0	43.222	5.478	0.0	50.776	5.516	0.0	49.215	5.895	0.0	50.682	4.741	0.0	42.057	5.14
44	13066	13067	SN	1	0.0	48.803	1.461	0.0	50.409	1.813	0.0	41.712	1.442	0.0	39.141	2.042	0.0	47.904	1.449	0.0	48.661	1.727	0.0	43.091	1.406	0.0	41.519	1.857
45	13066	13067	SN	1	0.0	48.803	1.529	0.0	50.409	1.895	0.0	41.712	1.509	0.0	39.141	2.127	0.0	47.904	1.519	0.0	48.661	1.805	0.0	43.091	1.476	0.0	41.519	1.944
46	13066	13067	NS	1	0.0	49.736	5.638	0.0	48.817	6.049	0.0	46.317	4.755	0.0	49.277	5.449	0.0	50.516	5.699	0.0	46.417	5.731	0.0	44.768	4.691	0.0	50.474	5.176
47	13066	13067	NS	1	0.0	48.604	1.452	0.0	48.631	1.584	0.0	48.194	1.333	0.0	40.836	1.64	0.0	49.707	1.491	0.0	45.959	1.49	0.0	44.696	1.302	0.0	39.455	1.475
48	13066	13067	SN	1	0.0	48.803	1.461	0.0	50.409	1.813	0.0	41.712	1.442	0.0	39.141	2.042	0.0	47.904	1.449	0.0	48.661	1.727	0.0	43.091	1.406	0.0	41.519	1.857
49	13066	13067	NS	1	0.0	47.02	1.45	0.0	47.6	1.606	0.0	43.904	1.325	0.0	43.734	1.687	0.0	48.123	1.486	0.0	44.974	1.504	0.0	44.196	1.302	0.0	41.761	1.45
50	13066	13067	SN	1	0.0	47.58	5.134	0.0	52.824	5.883	0.0	47.906	4.528	0.0	44.306	6.268	0.0	48.487	5.134	0.0	53.166	5.798	0.0	48.538	4.594	0.0	42.172	5.934
51	13066	13067	SN	1	0.0	47.58	4.906	0.0	52.824	5.649	0.0	47.906	4.299	0.0	44.306	6.01	0.0	48.487	4.906	0.0	53.166	5.557	0.0	48.538	4.349	0.0	42.172	5.668
52	13066	13067	SN	1	0.0	47.58	4.906	0.0	52.824	5.649	0.0	47.906	4.299	0.0	44.306	6.017	0.0	48.487	4.906	0.0	53.166	5.557	0.0	48.538	4.349	0.0	42.172	5.668
53	13067	13068	NS	1	0.0	54.617	5.884	0.0	51.28	7.605	0.0	41.874	5.762	0.0	46.292	6.477	0.0	56.001	5.884	0.0	50.734	7.391	0.0	42.78	5.591	0.0	45.493	6.185
54	13067	13068	NS	1	0.0	48.746	1.616	0.0	44.722	2.245	0.0	40.811	1.687	0.0	42.252	2.093	0.0	48.38	1.58	0.0	44.678	2.104	0.0	40.717	1.65	0.0	39.897	1.926
55	13067	13068	SN	1	0.0	46.978	1.151	0.0	47.538	1.471	0.0	38.349	1.154	0.0	43.055	1.776	0.0	46.76	1.147	0.0	46.783	1.299	0.0	38.837	1.076	0.0	40.888	1.367
56	13067	13068	SN	1	0.0	48.178	1.142	0.0	49.247	1.473	0.0	46.107	1.135	0.0	43.055	1.757	0.0	47.961	1.131	0.0	46.594	1.297	0.0	44.579	1.091	0.0	40.888	1.386
57	13067	13068	NS	1	0.0	54.558	5.915	0.0	51.274	7.605	0.0	41.897	5.769	0.0	46.22	6.434	0.0	55.942	5.925	0.0	51.276	7.422	0.0	42.824	5.619	0.0	46.336	6.171
58	13067	13068	SN	1	0.0	49.196	4.302	0.0	54.785	4.796	0.0	40.403	3.797	0.0	43.83	5.514	0.0	49.116	4.282	0.0	55.489	4.43	0.0	40.397	3.599	0.0	43.367	4.575
59	13067	13068	SN	1	0.0	49.62	4.282	0.0	54.891	4.847	0.0	44.727	3.748	0.0	48.727	5.585	0.0	49.542	4.333	0.0	55.596	4.521	0.0	43.508	3.578	0.0	46.257	4.61
60	13067	13068	SN	1	0.0	48.178	1.212	0.0	49.247	1.571	0.0	46.107	1.191	0.0	43.055	1.873	0.0	47.961	1.2	0.0	46.594	1.38	0.0	44.579	1.155	0.0	40.888	1.479
61	13067	13068	SN	1	0.0	49.196	4.625	0.0	54.785	5.075	0.0	43.101	4.018	0.0	43.83	5.822	0.0	49.116	4.571	0.0	55.489	4.707	0.0	40.749	3.828	0.0	43.367	4.882
62	13067	13068	NS	1	0.0	49.278	1.592	0.0	44.586	2.258	0.0	40.873	1.7	0.0	42.247	2.09	0.0	48.495	1.564	0.0	44.733	2.093	0.0	40.369	1.639	0.0	39.89	1.923
63	13068	13069	NS	1	0.0	43.432	2.586	0.0	47.31	3.581	0.0	39.108	3.872	0.0	44.634	4.64	0.0	43.032	2.515	0.0	47.691	3.195	0.0	36.962	3.957	0.0	42.396	4.162
64	13068	13069	NS	1	0.0	43.432	2.576	0.0	47.31	3.591	0.0	44.64	3.9	0.0	44.634	4.64	0.0	43.032	2.515	0.0	47.691	3.215	0.0	42.487	3.971	0.0	42.396	4.162
65	13068	13069	SN	1	0.0	51.373	6.793	0.0	53.916	6.856	0.0	39.862	4.767	0.0	46.565	6.194	0.0	52.001	6.934	0.0	52.968	6.642	0.0	41.089	4.597	0.0	46.827	5.581
66	13068	13069	SN	1	0.0	51.373	7.263	0.0	53.916	7.319	0.0	40.327	5.031	0.0	46.565	6.514	0.0	52.001	7.415	0.0	52.968	7.091	0.0	40.02	4.864	0.0	46.827	5.926
67	13068	13069	SN	1	0.0	46.554	1.666	0.0	47.1	2.021	0.0	43.107	1.23	0.0	42.83	1.815	0.0	47.729	1.648	0.0	46.734	1.903	0.0	41.199	1.204	0.0	42.317	1.605

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

68	13068	13069	SN	1	0.0	46.554	1.666	0.0	47.1	2.021	0.0	43.107	1.23	0.0	42.83	1.815	0.0	47.729	1.648	0.0	46.734	1.903	0.0	41.199	1.204	0.0	42.317	1.605
69	13068	13069	NS	1	0.0	43.557	0.879	0.0	39.563	1.072	0.0	40.456	1.096	0.0	39.385	1.484	0.0	43.377	0.877	0.0	38.965	0.949	0.0	39.51	1.05	0.0	37.29	1.267
70	13068	13069	SN	1	0.0	51.373	6.793	0.0	53.916	6.856	0.0	39.862	4.767	0.0	46.565	6.194	0.0	52.001	6.934	0.0	52.968	6.642	0.0	41.089	4.597	0.0	46.827	5.581
71	13068	13069	SN	1	0.0	46.554	1.779	0.0	47.1	2.174	0.0	46.535	1.322	0.0	42.83	1.931	0.0	47.729	1.76	0.0	46.734	2.043	0.0	42.359	1.271	0.0	42.317	1.71
72	13068	13069	NS	1	0.0	47.974	0.872	0.0	39.563	1.076	0.0	45.988	1.099	0.0	39.385	1.489	0.0	47.794	0.87	0.0	38.965	0.949	0.0	45.018	1.064	0.0	37.29	1.268
73	13069	13070	SN	1	0.0	43.757	1.515	0.0	44.926	1.903	0.0	42.323	1.347	0.0	46.207	1.744	0.0	43.092	1.535	0.0	43.298	1.851	0.0	44.372	1.37	0.0	39.813	1.665
74	13069	13070	NS	1	0.0	48.26	3.698	0.0	53.908	4.762	0.0	47.301	3.418	0.0	45.717	4.178	0.0	49.385	3.668	0.0	55.86	4.498	0.0	45.154	3.289	0.0	45.571	3.75
75	13069	13070	NS	1	0.0	45.865	3.557	0.0	49.767	4.77	0.0	46.435	3.405	0.0	46.91	4.376	0.0	46.084	3.547	0.0	48.171	4.526	0.0	45.987	3.334	0.0	47.14	3.877
76	13069	13070	NS	1	0.0	45.839	0.878	0.0	40.341	1.243	0.0	46.515	0.842	0.0	37.708	1.317	0.0	46.204	0.901	0.0	39.825	1.161	0.0	45.429	0.789	0.0	36.924	1.081
77	13069	13070	NS	1	0.0	46.436	0.933	0.0	50.441	1.287	0.0	46.775	0.919	0.0	41.939	1.245	0.0	46.094	0.939	0.0	52.325	1.201	0.0	45.298	0.853	0.0	43.045	1.08
78	13069	13070	SN	1	0.0	51.653	5.529	0.0	48.746	6.286	0.0	49.102	5.036	0.0	45.618	5.625	0.0	50.818	5.63	0.0	48.398	6.195	0.0	49.156	4.909	0.0	42.587	5.561
79	13069	13070	SN	1	0.0	45.287	1.502	0.0	50.531	1.867	0.0	42.001	1.368	0.0	46.105	1.702	0.0	46.307	1.526	0.0	47.792	1.829	0.0	42.888	1.375	0.0	39.711	1.643
80	13069	13070	SN	1	0.0	51.266	5.539	0.0	48.746	6.286	0.0	49.072	4.965	0.0	45.52	5.575	0.0	50.43	5.64	0.0	48.407	6.225	0.0	49.127	4.845	0.0	42.301	5.54
81	13070	13071	SN	1	0.0	50.943	1.85	0.0	43.689	2.41	0.0	42.179	1.463	0.0	43.517	2.357	0.0	52.823	1.873	0.0	44.728	2.371	0.0	41.89	1.514	0.0	40.906	2.237
82	13070	13071	NS	1	0.0	39.326	0.883	0.0	49.371	1.373	0.0	36.252	1.065	0.0	39.577	1.392	0.0	39.436	0.91	0.0	52.258	1.355	0.0	36.018	1.04	0.0	39.678	1.292
83	13070	13071	NS	1	0.0	51.708	3.668	0.0	51.934	4.895	0.0	40.213	3.318	0.0	47.559	4.47	0.0	52.193	3.709	0.0	49.631	4.793	0.0	43.256	3.482	0.0	41.88	4.306
84	13070	13071	NS	1	0.0	51.708	3.658	0.0	48.901	4.966	0.0	40.409	3.439	0.0	45.194	4.463	0.0	52.193	3.739	0.0	46.731	4.854	0.0	43.45	3.539	0.0	41.633	4.249
85	13070	13071	SN	1	0.0	47.974	6.356	0.0	49.682	7.656	0.0	43.814	4.954	0.0	47.663	6.832	0.0	48.713	6.477	0.0	50.449	7.696	0.0	42.406	5.11	0.0	47.581	6.981
86	13070	13071	NS	1	0.0	39.255	0.885	0.0	50.551	1.373	0.0	36.973	1.052	0.0	39.837	1.385	0.0	39.436	0.917	0.0	47.191	1.342	0.0	39.232	1.052	0.0	40.665	1.274
87	13071	13072	NS	1	0.0	44.253	1.176	0.0	45.109	1.738	0.0	42.768	1.314	0.0	40.304	2.019	0.0	45.786	1.179	0.0	42.903	1.664	0.0	41.625	1.25	0.0	39.186	1.81
88	13071	13072	NS	1	0.0	47.006	3.913	0.0	52.935	5.259	0.0	41.319	4.158	0.0	46.501	5.511	0.0	47.487	4.015	0.0	54.192	5.126	0.0	42.155	4.115	0.0	46.493	5.31
89	13071	13072	SN	1	0.0	49.218	7.066	0.0	51.08	8.389	0.0	46.029	5.948	0.0	44.264	6.797	0.0	51.059	7.055	0.0	50.846	8.125	0.0	44.867	5.778	0.0	45.843	6.498
90	13071	13072	NS	1	0.0	47.006	3.923	0.0	52.935	5.27	0.0	41.319	4.229	0.0	46.501	5.54	0.0	47.487	4.015	0.0	54.192	5.136	0.0	42.155	4.136	0.0	46.493	5.317
91	13071	13072	NS	1	0.0	42.354	1.176	0.0	45.109	1.733	0.0	55.27	1.318	0.0	40.304	2.021	0.0	43.694	1.186	0.0	42.903	1.657	0.0	56.514	1.26	0.0	39.186	1.808
92	13071	13072	SN	1	0.0	41.382	1.758	0.0	42.626	2.284	0.0	41.925	1.697	0.0	42.611	2.208	0.0	41.537	1.735	0.0	43.092	2.177	0.0	42.07	1.642	0.0	42.134	1.991
93	13072	13073	NS	1	0.0	42.179	2.937	0.0	44.057	4.39	0.0	43.512	3.212	0.0	45.83	4.594	0.0	42.806	2.866	0.0	45.927	3.878	0.0	43.037	3.113	0.0	43.196	3.884
94	13072	13073	NS	1	0.0	42.179	2.972	0.0	44.057	4.448	0.0	43.512	3.293	0.0	45.83	4.666	0.0	42.806	2.941	0.0	45.927	3.938	0.0	43.037	3.191	0.0	43.196	3.953
95	13072	13073	NS	1	0.0	42.179	2.937	0.0	44.057	4.39	0.0	43.512	3.212	0.0	45.83	4.594	0.0	42.806	2.866	0.0	45.927	3.878	0.0	43.037	3.113	0.0	43.196	3.884
96	13072	13073	SN	1	0.0	53.262	2.952	0.0	52.536	3.707	0.0	48.63	3.507	0.0	48.794	4.854	0.0	53.449	2.952	0.0	53.048	3.272	0.0	45.867	3.245	0.0	48.246	3.825
97	13072	13073	SN	1	0.0	49.235	2.963	0.0	54.406	3.728	0.0	46.758	3.479	0.0	44.913	4.854	0.0	49.288	2.973	0.0	54.921	3.282	0.0	48.055	3.224	0.0	44.239	3.796
98	13072	13073	NS	1	0.0	44.947	0.823	0.0	42.556	1.322	0.0	40.674	1.207	0.0	38.819	1.698	0.0	44.034	0.757	0.0	43.579	1.171	0.0	40.72	1.082	0.0	35.619	1.443
99	13072	13073	NS	1	0.0	44.947	0.817	0.0	42.556	1.304	0.0	36.751	1.198	0.0	38.819	1.668	0.0	44.034	0.752	0.0	43.579	1.149	0.0	35.716	1.076	0.0	35.619	1.419
100	13072	13073	NS	1	0.0	44.947	0.817	0.0	42.556	1.304	0.0	36.751	1.2	0.0	38.819	1.668	0.0	44.034	0.752	0.0	43.579	1.149	0.0	35.716	1.077	0.0	35.619	1.419
101	13072	13073	SN	1	0.0	53.642	0.833	0.0	44.742	1.085	0.0	43.537	0.898	0.0	43.474	1.419	0.0	54.426	0.811	0.0	44.22	0.995	0.0	43.946	0.805	0.0	41.693	1.136
102	13072	13073	SN	1	0.0	44.947	0.815	0.0	44.803	1.103	0.0	41.11	0.886	0.0	43.305	1.414	0.0	44.514	0.817	0.0	43.642	0.993	0.0	37.809	0.824	0.0	42.4	1.111
103	13073	13074	NS	1	0.0	43.525	4.083	0.0	50.355	5.629	0.0	47.253	3.971	0.0	42.775	5.059	0.0	44.398	4.105	0.0	51.423	5.426	0.0	47.145	3.933	0.0	42.087	4.902

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		



104	13073	13074	NS	1	0.0	41.022	1.11	0.0	47.508	1.568	0.0	41.641	1.2	0.0	42.283	1.727	0.0	40.778	1.149	0.0	46.119	1.546	0.0	41.096	1.16	0.0	41.6	1.615
105	13073	13074	NS	1	0.0	43.525	3.881	0.0	50.355	5.391	0.0	47.253	3.762	0.0	42.775	4.825	0.0	44.398	3.922	0.0	51.423	5.197	0.0	47.145	3.776	0.0	42.087	4.661
106	13073	13074	NS	1	0.0	43.525	3.881	0.0	50.355	5.391	0.0	47.253	3.762	0.0	42.775	4.825	0.0	44.398	3.922	0.0	51.423	5.197	0.0	47.145	3.776	0.0	42.087	4.661
107	13073	13074	SN	1	0.0	45.623	0.901	0.0	48.727	1.352	0.0	47.252	1.247	0.0	42.686	1.687	0.0	46.068	0.912	0.0	48.901	1.282	0.0	46.962	1.135	0.0	44.204	1.538
108	13073	13074	NS	1	0.0	41.022	1.163	0.0	47.508	1.641	0.0	41.641	1.247	0.0	42.283	1.813	0.0	41.029	1.199	0.0	46.119	1.617	0.0	41.096	1.209	0.0	41.6	1.688
109	13073	13074	SN	1	0.0	46.589	3.043	0.0	49.82	3.961	0.0	42.561	4.124	0.0	48.854	4.974	0.0	48.309	3.074	0.0	50.66	3.768	0.0	45.118	3.748	0.0	49.365	4.4
110	13073	13074	SN	1	0.0	43.763	0.889	0.0	51.586	1.383	0.0	41.224	1.247	0.0	41.927	1.694	0.0	44.207	0.898	0.0	51.76	1.284	0.0	39.694	1.14	0.0	38.722	1.563
111	13073	13074	SN	1	0.0	46.732	3.033	0.0	49.82	4.032	0.0	43.31	3.989	0.0	46.294	4.996	0.0	48.783	3.023	0.0	50.66	3.839	0.0	45.867	3.706	0.0	47.97	4.428
112	13073	13074	NS	1	0.0	41.022	1.11	0.0	47.508	1.568	0.0	41.641	1.2	0.0	42.283	1.727	0.0	40.778	1.149	0.0	46.119	1.546	0.0	41.096	1.16	0.0	41.6	1.615
113	13074	13075	NS	1	0.0	48.426	1.328	0.0	48.194	1.726	0.0	39.526	1.358	0.0	45.377	1.881	0.0	49.258	1.273	0.0	51.614	1.511	0.0	41.591	1.244	0.0	44.162	1.499
114	13074	13075	NS	1	0.0	48.426	1.184	0.0	48.194	1.567	0.0	39.526	1.281	0.0	45.377	1.717	0.0	49.258	1.134	0.0	51.614	1.379	0.0	41.591	1.167	0.0	44.162	1.369
115	13074	13075	NS	1	0.0	48.254	4.126	0.0	44.133	4.989	0.0	47.785	4.38	0.0	50.377	5.403	0.0	49.554	4.036	0.0	43.754	4.585	0.0	46.885	4.27	0.0	50.99	4.877
116	13074	13075	SN	1	0.0	43.551	5.756	0.0	45.296	6.956	0.0	48.763	5.702	0.0	42.586	7.284	0.0	43.943	5.786	0.0	46.179	6.683	0.0	48.556	6.035	0.0	42.295	7.093
117	13074	13075	SN	1	0.0	43.551	5.756	0.0	45.296	6.956	0.0	48.763	5.702	0.0	42.586	7.284	0.0	43.943	5.786	0.0	46.179	6.683	0.0	48.556	6.035	0.0	42.295	7.093
118	13074	13075	SN	1	0.0	47.906	1.805	0.0	43.808	2.189	0.0	44.328	1.95	0.0	39.758	2.68	0.0	48.388	1.765	0.0	41.744	2.076	0.0	45.618	1.97	0.0	38.084	2.478
119	13074	13075	SN	1	0.0	47.906	1.805	0.0	43.808	2.189	0.0	44.328	1.95	0.0	39.758	2.68	0.0	48.388	1.765	0.0	41.744	2.076	0.0	45.618	1.97	0.0	38.084	2.478
120	13074	13075	NS	1	0.0	48.426	1.184	0.0	48.194	1.567	0.0	39.526	1.281	0.0	45.377	1.717	0.0	49.258	1.134	0.0	51.614	1.379	0.0	41.591	1.167	0.0	44.162	1.369
121	13074	13075	NS	1	0.0	48.254	3.678	0.0	44.133	4.552	0.0	47.785	4.065	0.0	50.377	4.918	0.0	49.554	3.637	0.0	43.754	4.165	0.0	46.885	3.972	0.0	50.99	4.426
122	13074	13075	NS	1	0.0	48.254	3.678	0.0	44.133	4.552	0.0	47.785	4.072	0.0	50.377	4.918	0.0	49.554	3.637	0.0	43.754	4.165	0.0	46.885	3.972	0.0	50.99	4.426
123	13075	13076	NS	1	0.0	47.177	5.527	0.0	47.479	7.138	0.0	43.616	4.657	0.0	45.301	5.953	0.0	47.063	5.674	0.0	47.995	6.855	0.0	44.971	4.641	0.0	44.367	5.414
124	13075	13076	NS	1	0.0	45.261	1.244	0.0	51.735	1.629	0.0	44.145	1.205	0.0	40.095	1.776	0.0	44.55	1.214	0.0	53.017	1.563	0.0	43.204	1.126	0.0	39.605	1.578
125	13075	13076	SN	1	0.0	39.384	0.728	0.0	41.986	1.06	0.0	38.754	0.973	0.0	44.67	1.494	0.0	38.889	0.706	0.0	38.866	0.911	0.0	40.238	0.896	0.0	41.767	1.347
126	13075	13076	NS	1	0.0	47.81	1.362	0.0	51.597	1.792	0.0	47.067	1.281	0.0	40.194	1.936	0.0	47.273	1.334	0.0	52.881	1.706	0.0	48.213	1.193	0.0	38.869	1.702
127	13075	13076	SN	1	0.0	39.384	0.687	0.0	41.986	0.988	0.0	38.754	0.913	0.0	44.67	1.378	0.0	38.889	0.669	0.0	38.866	0.848	0.0	40.238	0.84	0.0	41.767	1.245
128	13075	13076	SN	1	0.0	42.182	2.24	0.0	41.339	2.885	0.0	45.318	2.894	0.0	50.893	4.274	0.0	42.104	2.23	0.0	42.935	2.621	0.0	43.798	2.724	0.0	52.517	3.769
129	13075	13076	NS	1	0.0	47.798	5.227	0.0	49.841	6.434	0.0	45.79	4.561	0.0	46.733	5.413	0.0	48.734	5.339	0.0	48.22	6.189	0.0	46.37	4.568	0.0	44.514	4.905
130	13075	13076	NS	1	0.0	49.209	5.156	0.0	47.479	6.444	0.0	43.616	4.482	0.0	48.669	5.37	0.0	48.915	5.288	0.0	47.995	6.168	0.0	44.971	4.504	0.0	45.165	4.905
131	13075	13076	NS	1	0.0	47.81	1.248	0.0	51.597	1.627	0.0	47.067	1.217	0.0	40.194	1.758	0.0	47.273	1.221	0.0	52.881	1.549	0.0	48.213	1.151	0.0	38.869	1.538
132	13075	13076	SN	1	0.0	42.358	2.369	0.0	41.339	3.04	0.0	45.318	3.005	0.0	50.893	4.597	0.0	42.28	2.358	0.0	42.935	2.789	0.0	43.798	2.883	0.0	52.517	4.083
133	13076	13077	SN	1	0.0	51.099	1.121	0.0	41.187	1.422	0.0	46.45	0.955	0.0	48.545	1.361	0.0	49.779	1.153	0.0	41.0	1.37	0.0	46.288	0.928	0.0	47.535	1.181
134	13076	13077	SN	1	0.0	51.099	1.121	0.0	41.187	1.422	0.0	46.45	0.955	0.0	48.545	1.361	0.0	49.779	1.153	0.0	41.0	1.37	0.0	46.288	0.928	0.0	47.535	1.181
135	13076	13077	NS	1	0.0	56.097	9.01	0.0	57.273	10.922	0.0	50.182	6.373	0.0	50.592	7.636	0.0	55.81	9.152	0.0	56.921	10.454	0.0	49.885	6.173	0.0	51.127	7.001
136	13076	13077	SN	1	0.0	46.852	4.874	0.0	51.849	5.387	0.0	41.755	3.5	0.0	41.173	4.874	0.0	47.6	4.935	0.0	50.991	5.234	0.0	43.658	3.437	0.0	43.673	4.218
137	13076	13077	SN	1	0.0	46.852	5.008	0.0	51.849	5.538	0.0	41.755	3.545	0.0	41.173	5.009	0.0	47.6	5.06	0.0	50.991	5.381	0.0	43.658	3.509	0.0	43.673	4.307
138	13076	13077	NS	1	0.0	50.369	2.06	0.0	49.591	2.493	0.0	42.816	1.6	0.0	41.531	2.086	0.0	50.901	2.055	0.0	53.051	2.403	0.0	42.419	1.504	0.0	38.895	1.86
139	13076	13077	SN	1	0.0	46.852	4.874	0.0	51.849	5.387	0.0	41.755	3.5	0.0	41.173	4.874	0.0	47.6	4.935	0.0	50.991	5.234	0.0	43.658	3.437	0.0	43.673	4.218

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

140	13076	13077	SN	1	0.0	51.099	1.152	0.0	41.187	1.457	0.0	44.486	0.975	0.0	48.545	1.391	0.0	49.779	1.184	0.0	41.0	1.406	0.0	43.568	0.952	0.0	47.535	1.21
141	13076	13077	NS	1	0.0	52.023	9.071	0.0	52.388	10.963	0.0	49.58	6.394	0.0	48.537	7.75	0.0	53.771	9.132	0.0	50.868	10.515	0.0	49.402	6.23	0.0	49.072	7.144
142	13076	13077	NS	1	0.0	48.845	2.051	0.0	46.809	2.493	0.0	49.608	1.573	0.0	41.616	2.088	0.0	48.631	2.037	0.0	44.443	2.391	0.0	51.475	1.513	0.0	39.796	1.865
143	13077	13078	SN	1	0.0	42.3	1.089	0.0	43.285	1.322	0.0	38.039	1.152	0.0	47.911	1.523	0.0	42.244	1.098	0.0	43.946	1.177	0.0	38.154	1.129	0.0	46.636	1.325
144	13077	13078	NS	1	0.0	47.788	1.626	0.0	51.724	2.081	0.0	43.649	1.527	0.0	48.147	2.099	0.0	47.268	1.653	0.0	49.48	2.086	0.0	40.625	1.502	0.0	46.749	1.946
145	13077	13078	NS	1	0.0	50.715	4.881	0.0	57.567	5.908	0.0	43.123	5.211	0.0	47.894	6.155	0.0	51.329	4.912	0.0	56.031	5.714	0.0	43.657	5.261	0.0	48.593	6.006
146	13077	13078	NS	1	0.0	52.94	5.157	0.0	56.399	5.897	0.0	45.329	5.125	0.0	47.994	6.262	0.0	52.779	5.014	0.0	57.23	5.561	0.0	46.799	5.253	0.0	48.692	6.12
147	13077	13078	SN	1	0.0	42.3	1.103	0.0	43.285	1.339	0.0	38.039	1.167	0.0	47.911	1.543	0.0	42.244	1.113	0.0	43.946	1.193	0.0	38.154	1.142	0.0	46.636	1.35
148	13077	13078	SN	1	0.0	42.3	1.103	0.0	43.285	1.339	0.0	38.039	1.167	0.0	47.911	1.543	0.0	42.244	1.113	0.0	43.946	1.193	0.0	38.154	1.142	0.0	46.636	1.35
149	13077	13078	SN	1	0.0	52.03	3.849	0.0	47.411	4.128	0.0	44.207	4.176	0.0	43.769	4.361	0.0	52.266	3.88	0.0	47.535	3.94	0.0	45.377	4.111	0.0	43.895	4.061
150	13077	13078	SN	1	0.0	52.03	3.849	0.0	47.411	4.117	0.0	44.207	4.176	0.0	43.769	4.35	0.0	52.266	3.88	0.0	47.535	3.93	0.0	45.377	4.111	0.0	43.895	4.051
151	13077	13078	SN	1	0.0	52.03	3.799	0.0	47.411	4.075	0.0	42.762	4.128	0.0	43.769	4.304	0.0	52.266	3.829	0.0	47.535	3.889	0.0	43.932	4.064	0.0	43.895	4.008
152	13077	13078	NS	1	0.0	46.162	1.663	0.0	51.801	2.027	0.0	44.479	1.485	0.0	46.9	2.091	0.0	47.195	1.681	0.0	49.546	2.031	0.0	43.814	1.477	0.0	47.419	1.933
153	13078	13079	SN	1	0.0	39.787	2.113	0.0	35.484	2.451	0.0	42.105	3.387	0.0	39.817	4.102	0.0	39.444	2.134	0.0	35.905	1.965	0.0	38.882	3.16	0.0	38.994	3.555
154	13078	13079	NS	1	0.0	48.5	5.041	0.0	49.502	7.25	0.0	44.417	5.421	0.0	43.305	6.612	0.0	47.739	5.132	0.0	50.189	7.148	0.0	45.27	5.606	0.0	41.901	6.405
155	13078	13079	SN	1	0.0	36.894	0.682	0.0	34.9	0.9	0.0	41.828	1.096	0.0	39.976	1.522	0.0	38.339	0.687	0.0	34.162	0.774	0.0	38.531	1.034	0.0	36.528	1.171
156	13078	13079	NS	1	0.0	43.372	1.451	0.0	43.987	2.265	0.0	41.699	1.758	0.0	40.197	2.245	0.0	44.901	1.462	0.0	43.922	2.227	0.0	43.699	1.805	0.0	40.039	2.177
157	13078	13079	SN	1	0.0	39.509	0.703	0.0	34.226	0.889	0.0	38.082	1.098	0.0	39.475	1.522	0.0	38.382	0.678	0.0	34.166	0.76	0.0	36.934	1.008	0.0	37.452	1.18
158	13078	13079	SN	1	0.0	38.561	2.076	0.0	36.036	2.465	0.0	43.031	3.306	0.0	40.134	4.256	0.0	38.154	2.148	0.0	36.224	2.032	0.0	39.808	3.27	0.0	39.41	3.627
159	13078	13079	SN	1	0.0	38.137	0.694	0.0	34.9	0.914	0.0	41.828	1.111	0.0	39.976	1.546	0.0	39.457	0.698	0.0	34.162	0.786	0.0	38.531	1.046	0.0	36.528	1.193
160	13078	13079	SN	1	0.0	38.561	2.053	0.0	36.036	2.411	0.0	43.031	3.259	0.0	40.134	4.187	0.0	38.154	2.103	0.0	36.224	1.985	0.0	39.808	3.224	0.0	39.41	3.562
161	13079	13080	NS	1	0.0	51.213	1.454	0.0	56.563	2.255	0.0	42.957	1.338	0.0	42.877	1.916	0.0	51.846	1.481	0.0	56.08	2.196	0.0	44.94	1.325	0.0	42.44	1.682
162	13079	13080	SN	1	0.0	42.809	3.6	0.0	45.568	4.083	0.0	45.813	2.997	0.0	43.706	4.636	0.0	43.003	3.53	0.0	43.45	3.775	0.0	45.883	2.94	0.0	43.212	4.039
163	13079	13080	SN	1	0.0	38.938	0.934	0.0	46.073	1.222	0.0	38.427	1.013	0.0	38.8	1.639	0.0	38.439	0.925	0.0	41.435	1.085	0.0	39.741	0.919	0.0	36.97	1.335
164	13079	13080	NS	1	0.0	52.912	5.731	0.0	51.173	7.811	0.0	55.305	5.014	0.0	48.242	5.959	0.0	53.782	5.833	0.0	52.172	7.444	0.0	56.179	5.063	0.0	46.356	5.581
165	13079	13080	SN	1	0.0	42.501	3.57	0.0	43.975	4.052	0.0	39.574	2.997	0.0	43.43	4.65	0.0	43.029	3.499	0.0	43.438	3.744	0.0	42.0	2.94	0.0	43.04	4.01
166	13079	13080	NS	1	0.0	51.215	5.875	0.0	54.263	7.856	0.0	50.101	4.894	0.0	47.009	5.936	0.0	51.716	5.936	0.0	56.337	7.673	0.0	50.121	4.887	0.0	46.34	5.758
167	13079	13080	NS	1	0.0	51.432	1.484	0.0	44.447	2.23	0.0	46.817	1.329	0.0	46.062	1.888	0.0	52.006	1.525	0.0	44.089	2.18	0.0	45.689	1.301	0.0	45.121	1.742
168	13079	13080	SN	1	0.0	38.938	0.925	0.0	40.581	1.231	0.0	37.721	1.011	0.0	39.677	1.656	0.0	38.44	0.916	0.0	38.541	1.064	0.0	39.033	0.921	0.0	38.672	1.305
169	13079	13080	SN	1	0.0	42.745	3.658	0.0	43.975	4.148	0.0	44.67	3.071	0.0	43.43	4.768	0.0	43.273	3.576	0.0	43.438	3.833	0.0	44.741	3.013	0.0	43.04	4.135
170	13079	13080	SN	1	0.0	38.938	0.948	0.0	40.581	1.261	0.0	37.721	1.038	0.0	39.677	1.679	0.0	38.44	0.937	0.0	38.541	1.091	0.0	39.033	0.946	0.0	38.672	1.328
171	13080	13081	NS	1	0.0	44.693	3.425	0.0	50.981	3.702	0.0	45.298	3.106	0.0	40.599	4.112	0.0	45.09	3.465	0.0	49.619	3.438	0.0	44.811	2.928	0.0	40.95	3.706
172	13080	13081	NS	1	0.0	43.146	3.415	0.0	50.842	3.773	0.0	43.82	3.12	0.0	40.601	4.091	0.0	44.053	3.425	0.0	49.65	3.458	0.0	43.333	2.935	0.0	40.952	3.613
173	13080	13081	NS	1	0.0	43.68	0.912	0.0	48.902	1.072	0.0	42.241	0.896	0.0	43.451	1.254	0.0	43.626	0.878	0.0	49.904	0.983	0.0	42.662	0.837	0.0	40.835	1.044
174	13080	13081	SN	1	0.0	42.744	5.428	0.0	48.376	6.26	0.0	39.424	4.524	0.0	41.214	5.87	0.0	42.979	5.418	0.0	47.826	5.807	0.0	39.385	4.605	0.0	40.927	5.59
175	13080	13081	SN	1	0.0	38.953	1.524	0.0	43.618	2.074	0.0	39.394	1.414	0.0	38.687	2.07	0.0	39.044	1.549	0.0	45.191	1.948	0.0	39.558	1.366	0.0	40.458	1.838

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

176	13080	13081	SN	1	0.0	38.953	1.524	0.0	43.618	2.074	0.0	39.394	1.414	0.0	38.687	2.07	0.0	39.044	1.549	0.0	45.191	1.948	0.0	39.558	1.366	0.0	40.458	1.838
177	13080	13081	SN	1	0.0	42.744	5.226	0.0	48.376	6.053	0.0	40.145	4.384	0.0	41.214	5.73	0.0	42.979	5.206	0.0	47.826	5.607	0.0	39.712	4.455	0.0	40.927	5.404
178	13080	13081	SN	1	0.0	42.744	5.226	0.0	48.376	6.053	0.0	40.145	4.384	0.0	41.214	5.73	0.0	42.979	5.206	0.0	47.826	5.607	0.0	39.712	4.455	0.0	40.927	5.404
179	13080	13081	SN	1	0.0	38.953	1.59	0.0	43.618	2.153	0.0	39.625	1.476	0.0	38.687	2.153	0.0	39.044	1.618	0.0	45.191	2.025	0.0	39.79	1.423	0.0	40.458	1.892
180	13080	13081	NS	1	0.0	45.555	0.899	0.0	48.902	1.088	0.0	39.125	0.923	0.0	43.451	1.267	0.0	46.797	0.872	0.0	49.904	0.995	0.0	38.709	0.862	0.0	40.835	1.048
181	13081	13082	SN	1	0.0	47.98	6.273	0.0	57.208	7.995	0.0	43.709	5.033	0.0	50.07	7.011	0.0	48.623	6.192	0.0	56.31	7.179	0.0	44.34	4.877	0.0	47.888	6.217
182	13081	13082	NS	1	0.0	47.009	1.338	0.0	45.72	1.426	0.0	47.813	1.454	0.0	39.951	1.649	0.0	48.148	1.344	0.0	45.878	1.351	0.0	49.444	1.42	0.0	37.251	1.571
183	13081	13082	SN	1	0.0	48.249	6.172	0.0	56.645	8.005	0.0	43.653	4.941	0.0	49.957	6.996	0.0	48.817	6.101	0.0	55.75	7.261	0.0	44.285	4.842	0.0	47.775	6.225
184	13081	13082	SN	1	0.0	50.29	1.561	0.0	45.893	2.361	0.0	47.207	1.583	0.0	42.411	2.484	0.0	48.634	1.525	0.0	47.161	2.092	0.0	46.708	1.44	0.0	40.643	2.12
185	13081	13082	NS	1	0.0	52.535	4.58	0.0	46.763	4.895	0.0	44.382	4.847	0.0	45.369	5.609	0.0	52.824	4.662	0.0	49.868	4.64	0.0	43.764	4.812	0.0	42.561	5.139
186	13081	13082	NS	1	0.0	48.585	4.894	0.0	46.288	4.807	0.0	40.723	4.574	0.0	46.47	5.468	0.0	48.472	4.863	0.0	45.675	4.685	0.0	39.808	4.695	0.0	43.424	5.069
187	13081	13082	SN	1	0.0	48.788	1.572	0.0	46.817	2.368	0.0	41.573	1.574	0.0	42.694	2.456	0.0	47.131	1.534	0.0	46.283	2.083	0.0	38.305	1.431	0.0	42.822	2.121
188	13081	13082	SN	1	0.0	48.249	6.543	0.0	56.645	8.435	0.0	49.17	5.2	0.0	49.957	7.338	0.0	48.817	6.468	0.0	55.75	7.651	0.0	47.812	5.095	0.0	47.775	6.547
189	13081	13082	SN	1	0.0	50.29	1.652	0.0	45.893	2.497	0.0	47.207	1.662	0.0	42.411	2.616	0.0	48.634	1.621	0.0	47.161	2.209	0.0	46.708	1.503	0.0	40.643	2.227
190	13081	13082	NS	1	0.0	47.009	1.306	0.0	42.901	1.454	0.0	38.819	1.432	0.0	39.701	1.712	0.0	48.148	1.312	0.0	41.583	1.422	0.0	39.885	1.418	0.0	37.466	1.54
191	13082	13083	NS	1	0.0	49.634	5.607	0.0	46.837	7.826	0.0	45.163	4.336	0.0	45.377	5.682	0.0	49.433	5.658	0.0	45.38	7.205	0.0	44.003	4.25	0.0	44.679	5.433
192	13082	13083	SN	1	0.0	55.409	6.523	0.0	51.908	7.108	0.0	49.433	5.33	0.0	48.71	6.284	0.0	56.776	6.665	0.0	51.465	6.877	0.0	49.456	5.261	0.0	49.634	5.792
193	13082	13083	NS	1	0.0	47.972	5.547	0.0	56.332	7.612	0.0	44.376	4.229	0.0	43.072	5.568	0.0	47.773	5.547	0.0	56.225	7.073	0.0	43.215	4.222	0.0	42.54	5.255
194	13082	13083	SN	1	0.0	55.409	6.026	0.0	50.765	6.594	0.0	49.433	4.952	0.0	48.71	5.917	0.0	56.776	6.168	0.0	50.609	6.381	0.0	49.456	4.896	0.0	49.634	5.405
195	13082	13083	SN	1	0.0	55.409	6.026	0.0	50.765	6.594	0.0	49.433	4.952	0.0	48.71	5.91	0.0	56.776	6.168	0.0	50.609	6.381	0.0	49.456	4.896	0.0	49.634	5.398
196	13082	13083	SN	1	0.0	44.902	1.567	0.0	55.457	2.19	0.0	48.214	1.465	0.0	56.45	1.994	0.0	44.51	1.624	0.0	58.466	2.053	0.0	46.31	1.373	0.0	51.716	1.788
197	13082	13083	NS	1	0.0	46.62	1.523	0.0	53.755	2.137	0.0	39.025	1.304	0.0	43.342	1.99	0.0	46.179	1.5	0.0	56.426	1.986	0.0	40.704	1.258	0.0	40.401	1.694
198	13082	13083	NS	1	0.0	49.866	1.512	0.0	45.593	2.103	0.0	39.718	1.285	0.0	39.393	1.961	0.0	52.119	1.498	0.0	46.242	1.981	0.0	38.817	1.255	0.0	38.546	1.696
199	13082	13083	SN	1	0.0	44.902	1.455	0.0	55.468	2.026	0.0	45.995	1.353	0.0	56.45	1.851	0.0	44.51	1.505	0.0	58.476	1.901	0.0	46.31	1.269	0.0	51.716	1.652
200	13082	13083	SN	1	0.0	44.902	1.455	0.0	55.468	2.028	0.0	45.995	1.353	0.0	56.45	1.852	0.0	44.51	1.505	0.0	58.476	1.906	0.0	46.31	1.269	0.0	51.716	1.655
201	13083	13084	NS	1	0.0	41.05	0.816	0.0	43.068	1.246	0.0	38.743	0.991	0.0	51.925	1.423	0.0	42.214	0.809	0.0	39.69	1.153	0.0	42.129	0.953	0.0	49.527	1.325
202	13083	13084	NS	1	0.0	44.543	3.405	0.0	53.548	4.852	0.0	40.278	3.295	0.0	54.397	4.868	0.0	43.66	3.548	0.0	53.376	4.7	0.0	41.356	3.195	0.0	53.206	4.704
203	13083	13084	SN	1	0.0	46.933	1.004	0.0	48.61	1.372	0.0	46.439	0.965	0.0	43.22	1.382	0.0	45.859	1.004	0.0	46.896	1.267	0.0	47.346	0.861	0.0	41.83	1.197
204	13083	13084	SN	1	0.0	46.413	1.007	0.0	53.724	1.374	0.0	47.926	0.944	0.0	43.22	1.389	0.0	44.88	0.993	0.0	50.38	1.249	0.0	48.833	0.854	0.0	41.22	1.212
205	13083	13084	SN	1	0.0	52.634	4.399	0.0	52.824	4.911	0.0	48.97	3.415	0.0	48.7	4.416	0.0	52.901	4.5	0.0	52.333	4.451	0.0	48.059	3.189	0.0	46.602	3.957
206	13083	13084	NS	1	0.0	40.253	0.848	0.0	42.778	1.282	0.0	38.755	1.005	0.0	41.63	1.416	0.0	41.416	0.841	0.0	39.398	1.176	0.0	42.141	0.984	0.0	38.832	1.305
207	13083	13084	SN	1	0.0	50.22	4.429	0.0	53.104	4.922	0.0	43.502	3.401	0.0	46.316	4.401	0.0	50.38	4.49	0.0	52.177	4.42	0.0	42.592	3.174	0.0	47.928	3.986
208	13083	13084	SN	1	0.0	52.634	4.917	0.0	52.824	5.38	0.0	48.97	3.803	0.0	48.7	4.78	0.0	52.901	5.019	0.0	52.333	4.901	0.0	48.059	3.551	0.0	46.602	4.333
209	13083	13084	NS	1	0.0	44.475	3.426	0.0	54.004	4.873	0.0	43.891	3.295	0.0	49.091	4.896	0.0	43.665	3.579	0.0	53.832	4.659	0.0	41.298	3.224	0.0	47.003	4.682
210	13083	13084	SN	1	0.0	46.933	1.115	0.0	48.61	1.518	0.0	46.439	1.059	0.0	43.22	1.509	0.0	45.859	1.115	0.0	46.896	1.404	0.0	47.346	0.955	0.0	41.83	1.319
211	13084	13085	SN	1	0.0	40.904	1.337	0.0	40.106	1.858	0.0	43.529	1.555	0.0	39.158	2.091	0.0	40.382	1.406	0.0	39.56	1.755	0.0	43.438	1.6	0.0	38.987	2.026

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

212	13084	13085	SN	1	0.0	45.517	4.866	0.0	50.417	5.441	0.0	45.534	4.557	0.0	45.479	6.275	0.0	44.893	4.978	0.0	49.972	5.472	0.0	46.674	4.748	0.0	44.857	6.16
213	13084	13085	NS	1	0.0	48.594	4.228	0.0	57.988	5.503	0.0	46.523	4.274	0.0	50.697	5.453	0.0	49.975	4.3	0.0	60.029	4.994	0.0	49.454	4.16	0.0	50.778	4.897
214	13084	13085	SN	1	0.0	42.371	1.302	0.0	43.056	1.833	0.0	43.525	1.517	0.0	37.167	2.068	0.0	41.803	1.394	0.0	41.769	1.728	0.0	43.434	1.581	0.0	37.523	2.016
215	13084	13085	SN	1	0.0	40.773	4.795	0.0	47.949	5.718	0.0	44.311	4.526	0.0	45.527	6.026	0.0	41.1	4.888	0.0	46.768	5.635	0.0	43.686	4.648	0.0	46.983	6.172
216	13084	13085	NS	1	0.0	44.756	1.357	0.0	57.627	1.923	0.0	44.691	1.296	0.0	43.014	1.778	0.0	44.702	1.368	0.0	59.28	1.896	0.0	46.849	1.253	0.0	44.118	1.614
217	13085	13086	SN	1	0.0	45.273	1.572	0.0	41.613	1.853	0.0	41.144	1.725	0.0	43.918	2.277	0.0	48.178	1.604	0.0	41.835	1.665	0.0	41.646	1.646	0.0	42.256	2.02
218	13085	13086	SN	1	0.0	52.757	5.71	0.0	45.414	5.832	0.0	42.53	5.643	0.0	47.001	6.801	0.0	52.593	5.436	0.0	46.467	5.356	0.0	44.568	5.522	0.0	52.739	6.205
219	13085	13086	NS	1	0.0	42.59	0.783	0.0	56.569	1.428	0.0	39.92	0.983	0.0	47.728	1.465	0.0	41.952	0.803	0.0	57.28	1.453	0.0	40.51	1.013	0.0	43.987	1.352
220	13085	13086	NS	1	0.0	42.59	0.783	0.0	56.569	1.428	0.0	39.92	0.983	0.0	47.728	1.465	0.0	41.952	0.803	0.0	57.28	1.453	0.0	40.51	1.013	0.0	43.987	1.352
221	13085	13086	NS	1	0.0	47.779	2.855	0.0	46.569	4.211	0.0	45.895	3.076	0.0	45.163	4.483	0.0	47.903	2.916	0.0	46.581	4.312	0.0	46.043	3.083	0.0	44.002	4.362
222	13085	13086	NS	1	0.0	47.779	2.855	0.0	46.569	4.211	0.0	45.895	3.076	0.0	45.163	4.483	0.0	47.903	2.916	0.0	46.581	4.312	0.0	46.043	3.083	0.0	44.002	4.362
223	13086	13087	SN	1	0.0	49.518	1.43	0.0	44.563	1.781	0.0	42.094	1.422	0.0	48.591	2.015	0.0	50.265	1.426	0.0	46.888	1.711	0.0	42.244	1.372	0.0	48.886	1.836
224	13086	13087	NS	1	0.0	41.947	1.25	0.0	44.934	1.675	0.0	39.274	1.394	0.0	42.021	2.114	0.0	42.445	1.215	0.0	43.26	1.592	0.0	41.482	1.326	0.0	40.638	1.87
225	13086	13087	NS	1	0.0	44.673	3.753	0.0	54.055	5.179	0.0	40.174	4.053	0.0	42.874	5.578	0.0	46.372	3.691	0.0	55.242	5.065	0.0	41.406	4.017	0.0	45.073	5.469
226	13086	13087	NS	1	0.0	44.673	3.71	0.0	54.055	5.123	0.0	40.174	4.003	0.0	42.874	5.491	0.0	46.372	3.649	0.0	55.242	5.021	0.0	41.406	3.974	0.0	45.073	5.398
227	13086	13087	SN	1	0.0	53.05	4.986	0.0	51.885	6.577	0.0	46.442	4.785	0.0	47.038	6.071	0.0	52.268	5.097	0.0	53.74	6.161	0.0	47.293	4.693	0.0	47.877	5.582
228	13086	13087	NS	1	0.0	41.947	1.232	0.0	44.934	1.67	0.0	39.274	1.378	0.0	42.021	2.081	0.0	42.445	1.203	0.0	43.26	1.578	0.0	38.007	1.296	0.0	40.638	1.845
229	13087	13088	NS	1	0.0	43.499	3.517	0.0	41.339	4.904	0.0	42.519	3.582	0.0	45.821	4.581	0.0	43.946	3.395	0.0	41.508	4.565	0.0	41.405	3.624	0.0	43.811	4.25
230	13087	13088	SN	1	0.0	43.265	2.984	0.0	55.844	4.77	0.0	42.122	3.388	0.0	47.002	4.824	0.0	43.824	3.065	0.0	56.054	4.416	0.0	41.697	3.112	0.0	44.794	4.143
231	13087	13088	SN	1	0.0	44.679	0.797	0.0	43.675	1.263	0.0	45.01	1.01	0.0	48.153	1.516	0.0	44.914	0.795	0.0	43.22	1.121	0.0	47.847	0.906	0.0	43.283	1.254
232	13087	13088	NS	1	0.0	43.503	3.548	0.0	41.099	4.914	0.0	43.599	3.553	0.0	45.821	4.574	0.0	43.953	3.406	0.0	41.888	4.503	0.0	43.536	3.589	0.0	43.811	4.279
233	13087	13088	SN	1	0.0	43.56	2.964	0.0	57.131	4.75	0.0	41.404	3.438	0.0	47.001	4.852	0.0	44.726	3.075	0.0	60.363	4.426	0.0	41.697	3.119	0.0	44.793	4.164
234	13087	13088	SN	1	0.0	45.23	0.8	0.0	44.636	1.27	0.0	39.866	1.033	0.0	48.153	1.507	0.0	45.463	0.786	0.0	44.179	1.128	0.0	39.791	0.899	0.0	43.283	1.261
235	13087	13088	NS	1	0.0	43.014	1.021	0.0	40.773	1.378	0.0	37.855	1.205	0.0	40.228	1.69	0.0	43.828	0.985	0.0	39.567	1.296	0.0	36.541	1.159	0.0	42.094	1.463
236	13087	13088	NS	1	0.0	43.503	3.718	0.0	41.099	5.068	0.0	43.599	3.662	0.0	45.821	4.731	0.0	43.953	3.529	0.0	41.888	4.645	0.0	43.536	3.72	0.0	43.811	4.419
237	13087	13088	NS	1	0.0	42.954	1.028	0.0	40.191	1.373	0.0	42.878	1.214	0.0	41.846	1.704	0.0	43.765	0.998	0.0	38.882	1.268	0.0	42.286	1.191	0.0	40.867	1.508
238	13087	13088	NS	1	0.0	43.014	1.043	0.0	40.773	1.418	0.0	37.855	1.242	0.0	40.228	1.741	0.0	43.828	1.008	0.0	39.567	1.328	0.0	36.541	1.176	0.0	42.094	1.498
239	13088	13089	NS	1	0.0	50.975	1.604	0.0	48.331	2.311	0.0	37.612	1.656	0.0	44.394	2.128	0.0	50.967	1.607	0.0	50.252	2.216	0.0	40.236	1.595	0.0	47.192	2.002
240	13088	13089	SN	1	0.0	48.768	5.218	0.0	51.784	6.433	0.0	44.801	5.123	0.0	42.163	6.638	0.0	49.998	5.239	0.0	51.837	6.483	0.0	44.697	5.152	0.0	42.078	6.481
241	13088	13089	NS	1	0.0	50.729	1.507	0.0	48.331	2.16	0.0	37.345	1.544	0.0	43.896	1.991	0.0	50.719	1.516	0.0	50.252	2.066	0.0	40.235	1.481	0.0	46.694	1.87
242	13088	13089	NS	1	0.0	50.975	1.511	0.0	48.331	2.16	0.0	37.345	1.546	0.0	44.394	1.99	0.0	50.967	1.516	0.0	50.252	2.071	0.0	40.236	1.48	0.0	47.192	1.861
243	13088	13089	SN	1	0.0	48.768	5.218	0.0	51.784	6.412	0.0	44.801	5.109	0.0	42.163	6.645	0.0	49.998	5.239	0.0	51.837	6.483	0.0	44.697	5.137	0.0	42.078	6.488
244	13088	13089	NS	1	0.0	51.835	5.762	0.0	48.178	7.707	0.0	44.258	5.332	0.0	43.635	6.498	0.0	54.349	5.729	0.0	48.166	7.457	0.0	44.937	5.263	0.0	44.762	6.231
245	13088	13089	NS	1	0.0	45.621	5.43	0.0	48.178	7.213	0.0	44.258	5.036	0.0	43.556	6.072	0.0	48.134	5.389	0.0	48.168	6.979	0.0	44.937	4.936	0.0	44.764	5.837
246	13088	13089	NS	1	0.0	45.619	5.379	0.0	48.178	7.213	0.0	44.258	5.036	0.0	43.635	6.086	0.0	48.132	5.349	0.0	48.166	6.969	0.0	44.937	4.936	0.0	44.762	5.822
247	13088	13089	SN	1	0.0	37.912	1.54	0.0	45.558	2.142	0.0	39.459	1.662	0.0	42.505	2.35	0.0	37.135	1.545	0.0	43.372	2.183	0.0	38.381	1.657	0.0	41.591	2.362

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		



248	13088	13089	SN	1	0.0	37.912	1.54	0.0	45.558	2.142	0.0	39.459	1.655	0.0	43.022	2.355	0.0	37.135	1.545	0.0	43.372	2.183	0.0	38.381	1.652	0.0	42.108	2.364
249	13089	13090	NS	1	0.0	44.578	1.512	0.0	49.156	2.17	0.0	43.095	1.49	0.0	46.506	2.222	0.0	43.4	1.528	0.0	49.354	2.156	0.0	43.652	1.447	0.0	43.84	2.005
250	13089	13090	NS	1	0.0	46.976	6.382	0.0	54.925	7.603	0.0	48.553	5.584	0.0	45.44	7.499	0.0	46.323	6.311	0.0	54.095	7.347	0.0	48.098	5.52	0.0	44.349	7.048
251	13089	13090	SN	1	0.0	46.49	5.137	0.0	50.709	6.301	0.0	43.485	4.528	0.0	38.477	6.409	0.0	47.257	5.268	0.0	51.43	6.24	0.0	45.139	4.514	0.0	38.872	5.94
252	13089	13090	SN	1	0.0	47.132	1.55	0.0	42.925	2.182	0.0	37.445	1.386	0.0	38.907	2.293	0.0	48.024	1.597	0.0	41.128	2.066	0.0	37.364	1.309	0.0	36.932	2.056
253	13089	13090	NS	1	0.0	46.976	6.392	0.0	54.925	7.603	0.0	48.553	5.577	0.0	45.44	7.499	0.0	46.323	6.321	0.0	54.095	7.347	0.0	48.098	5.52	0.0	44.349	7.048
254	13089	13090	SN	1	0.0	47.132	1.434	0.0	42.925	2.002	0.0	37.182	1.282	0.0	38.907	2.123	0.0	48.024	1.477	0.0	41.128	1.898	0.0	38.14	1.208	0.0	36.932	1.892
255	13089	13090	SN	1	0.0	46.498	5.137	0.0	48.656	6.341	0.0	42.563	4.45	0.0	41.303	6.43	0.0	47.268	5.248	0.0	49.375	6.412	0.0	44.225	4.471	0.0	38.374	5.806
256	13089	13090	NS	1	0.0	46.976	7.124	0.0	54.925	8.559	0.0	48.553	6.0	0.0	45.44	8.322	0.0	46.323	7.066	0.0	54.095	8.292	0.0	48.098	5.951	0.0	44.349	7.842
257	13089	13090	NS	1	0.0	44.578	1.512	0.0	49.156	2.168	0.0	43.095	1.495	0.0	46.506	2.22	0.0	43.4	1.53	0.0	49.354	2.156	0.0	43.652	1.449	0.0	43.84	2.008
258	13089	13090	NS	1	0.0	44.578	1.672	0.0	49.156	2.413	0.0	43.095	1.662	0.0	46.506	2.496	0.0	43.4	1.703	0.0	49.354	2.408	0.0	43.652	1.596	0.0	43.84	2.26
259	13089	13090	SN	1	0.0	46.49	5.635	0.0	50.709	6.847	0.0	43.485	4.882	0.0	38.477	6.898	0.0	47.257	5.779	0.0	51.43	6.813	0.0	45.139	4.913	0.0	38.872	6.407
260	13089	13090	SN	1	0.0	46.596	1.45	0.0	40.31	1.983	0.0	38.675	1.27	0.0	45.324	2.178	0.0	47.487	1.468	0.0	39.827	1.947	0.0	39.311	1.224	0.0	42.421	1.899
261	13090	13091	NS	1	0.0	46.218	1.727	0.0	50.57	2.389	0.0	51.995	1.507	0.0	49.267	2.056	0.0	47.356	1.714	0.0	49.32	2.234	0.0	48.935	1.481	0.0	48.415	1.816
262	13090	13091	NS	1	0.0	51.421	6.239	0.0	52.898	7.65	0.0	48.353	5.52	0.0	47.383	7.121	0.0	52.192	6.341	0.0	52.436	7.355	0.0	48.893	5.306	0.0	47.344	6.744
263	13090	13091	NS	1	0.0	52.002	6.239	0.0	50.701	7.599	0.0	48.333	5.505	0.0	47.784	7.064	0.0	52.773	6.351	0.0	51.64	7.365	0.0	48.872	5.284	0.0	47.746	6.751
264	13090	13091	NS	1	0.0	45.637	1.736	0.0	49.425	2.38	0.0	51.688	1.498	0.0	51.144	2.05	0.0	46.775	1.714	0.0	48.174	2.241	0.0	48.631	1.488	0.0	50.294	1.84

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

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	13061	13062	SN	1	0.0	28.127	12.775	0.0	225.489	12.645	0.0	158.297	13.455	0.0	83.671	14.404	0.0	1.416	0.0	1.815	0.0	0.0	1.876	0.0	0.0	2.173	0.0	
2	13061	13062	SN	1	0.0	22.325	7.095	0.0	266.477	8.644	0.0	158.187	4.506	0.0	16.76	5.717	0.0	1.43	0.0	1.813	0.0	0.0	1.881	0.0	0.0	2.171	0.0	
3	13061	13062	SN	1	0.0	28.126	12.72	0.0	65.731	13.069	0.0	158.325	12.938	0.0	132.313	15.088	0.0	1.417	0.0	1.815	0.0	0.0	1.876	0.0	0.0	2.174	0.0	
4	13061	13062	SN	1	0.0	22.325	6.97	0.0	266.477	8.577	0.0	158.187	4.282	0.0	123.186	5.756	0.0	1.43	0.0	1.813	0.0	0.0	1.881	0.0	0.0	2.171	0.0	
5	13061	13062	SN	1	0.0	28.127	12.73	0.0	225.489	13.058	0.0	158.297	12.945	0.0	132.313	15.109	0.0	1.416	0.0	1.815	0.0	0.0	1.876	0.0	0.0	2.173	0.0	
6	13061	13062	SN	1	0.0	22.325	6.974	0.0	65.957	8.581	0.0	158.236	4.284	0.0	72.68	5.747	0.0	1.431	0.0	1.813	0.0	0.0	1.881	0.0	0.0	2.172	0.0	
7	13062	13063	SN	1	0.0	22.336	6.968	0.0	24.012	8.586	0.0	158.429	4.265	0.0	273.483	5.845	0.0	1.42	0.0	1.814	0.0	0.0	1.884	0.0	0.0	2.172	0.0	
8	13062	13063	SN	1	0.0	22.336	6.968	0.0	24.012	8.586	0.0	158.429	4.265	0.0	273.483	5.85	0.0	1.42	0.0	1.814	0.0	0.0	1.884	0.0	0.0	2.172	0.0	
9	13062	13063	SN	1	0.0	27.928	12.714	0.0	27.183	12.989	0.0	147.107	12.919	0.0	59.038	15.125	0.0	1.436	0.0	1.816	0.0	0.0	1.875	0.0	0.0	2.175	0.0	
10	13062	13063	SN	1	0.0	27.928	12.714	0.0	27.183	12.989	0.0	147.107	12.927	0.0	59.038	15.125	0.0	1.436	0.0	1.816	0.0	0.0	1.875	0.0	0.0	2.175	0.0	
11	13062	13063	SN	1	0.0	27.928	12.754	0.0	27.183	12.829	0.0	147.107	13.1	0.0	32.966	14.812	0.0	1.436	0.0	1.816	0.0	0.0	1.875	0.0	0.0	2.175	0.0	
12	13062	13063	NS	1	0.0	20.168	4.93	0.0	25.667	6.213	0.0	167.03	1.17	0.0	21.029	1.307	0.0	1.375	0.0	1.744	0.0	0.0	1.806	0.0	0.0	2.098	0.0	
13	13062	13063	SN	1	0.0	22.336	7.02	0.0	24.012	8.614	0.0	158.429	4.326	0.0	273.483	5.763	0.0	1.42	0.0	1.814	0.0	0.0	1.884	0.0	0.0	2.172	0.0	
14	13062	13063	NS	1	0.0	22.06	11.686	0.0	29.511	13.127	0.0	354.805	7.905	0.0	39.565	9.613	0.0	1.39	0.0	1.745	0.0	0.0	1.803	0.0	0.0	2.097	0.0	
15	13063	13064	NS	1	0.0	241.356	11.545	0.0	29.5	13.12	0.0	352.604	7.944	0.0	40.0	9.443	0.0	1.388	0.0	1.745	0.0	0.0	1.803	0.0	0.0	2.095	0.0	
16	13063	13064	SN	1	0.0	27.862	12.787	0.0	26.781	13.091	0.0	156.466	12.967	0.0	87.052	15.132	0.0	1.424	0.0	1.814	0.0	0.0	1.878	0.0	0.0	2.173	0.0	
17	13063	13064	NS	1	0.0	257.824	4.879	0.0	25.656	6.234	0.0	117.263	1.186	0.0	22.964	1.294	0.0	1.376	0.0	1.743	0.0	0.0	1.807	0.0	0.0	2.096	0.0	
18	13063	13064	SN	1	0.0	22.33	6.999	0.0	23.764	8.618	0.0	155.06	4.377	0.0	61.647	5.902	0.0	1.42	0.0	1.814	0.0	0.0	1.881	0.0	0.0	2.173	0.0	
19	13063	13064	NS	1	0.0	241.361	11.545	0.0	29.5	13.11	0.0	352.604	7.944	0.0	40.011	9.429	0.0	1.388	0.0	1.745	0.0	0.0	1.803	0.0	0.0	2.095	0.0	
20	13063	13064	SN	1	0.0	22.33	7.036	0.0	23.764	8.632	0.0	155.06	4.439	0.0	16.766	5.825	0.0	1.42	0.0	1.814	0.0	0.0	1.881	0.0	0.0	2.173	0.0	
21	13063	13064	SN	1	0.0	22.33	7.036	0.0	23.764	8.635	0.0	155.06	4.439	0.0	16.766	5.825	0.0	1.42	0.0	1.814	0.0	0.0	1.881	0.0	0.0	2.173	0.0	
22	13063	13064	SN	1	0.0	27.862	12.787	0.0	26.781	12.933	0.0	156.466	13.096	0.0	20.003	14.854	0.0	1.424	0.0	1.814	0.0	0.0	1.878	0.0	0.0	2.173	0.0	
23	13063	13064	SN	1	0.0	27.862	12.786	0.0	26.781	12.961	0.0	156.466	13.096	0.0	20.417	14.903	0.0	1.424	0.0	1.814	0.0	0.0	1.878	0.0	0.0	2.173	0.0	
24	13063	13064	NS	1	0.0	257.824	4.874	0.0	25.656	6.234	0.0	147.377	1.195	0.0	22.964	1.3	0.0	1.376	0.0	1.743	0.0	0.0	1.807	0.0	0.0	2.096	0.0	
25	13064	13065	NS	1	0.0	154.263	4.86	0.0	19.291	6.23	0.0	208.338	1.212	0.0	23.494	1.258	0.0	1.375	0.0	1.743	0.0	0.0	1.805	0.0	0.0	2.097	0.0	
26	13064	13065	SN	1	0.0	24.36	6.95	0.0	141.821	8.587	0.0	156.775	4.355	0.0	76.124	5.89	0.0	1.429	0.0	1.814	0.0	0.0	1.88	0.0	0.0	2.172	0.0	
27	13064	13065	SN	1	0.0	27.845	12.845	0.0	279.398	12.824	0.0	154.437	13.153	0.0	18.244	14.74	0.0	1.43	0.0	1.814	0.0	0.0	1.874	0.0	0.0	2.173	0.0	
28	13064	13065	NS	1	0.0	91.646	11.553	0.0	28.38	13.103	0.0	271.732	7.943	0.0	48.405	9.361	0.0	1.392	0.0	1.745	0.0	0.0	1.797	0.0	0.0	2.096	0.0	
29	13064	13065	SN	1	0.0	24.36	6.947	0.0	141.821	8.587	0.0	156.775	4.355	0.0	76.135	5.89	0.0	1.429	0.0	1.814	0.0	0.0	1.88	0.0	0.0	2.172	0.0	
30	13064	13065	SN	1	0.0	24.36	6.995	0.0	141.821	8.603	0.0	156.775	4.444	0.0	16.766	5.811	0.0	1.429	0.0	1.814	0.0	0.0	1.88	0.0	0.0	2.172	0.0	
31	13064	13065	NS	1	0.0	154.263	4.86	0.0	19.291	6.23	0.0	208.338	1.212	0.0	23.494	1.258	0.0	1.375	0.0	1.743	0.0	0.0	1.805	0.0	0.0	2.097	0.0	

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

32	13064	13065	NS	1	0.0	91.646	11.553	0.0	28.38	13.103	0.0	271.732	7.943	0.0	48.405	9.361	0.0	1.392	0.0	0.0	1.745	0.0	0.0	1.797	0.0	0.0	2.096	0.0
33	13064	13065	SN	1	0.0	27.845	12.806	0.0	279.398	13.054	0.0	154.437	12.964	0.0	41.633	15.089	0.0	1.43	0.0	0.0	1.814	0.0	0.0	1.874	0.0	0.0	2.173	0.0
34	13064	13065	SN	1	0.0	27.845	12.806	0.0	279.398	13.054	0.0	154.437	12.964	0.0	41.633	15.089	0.0	1.43	0.0	0.0	1.814	0.0	0.0	1.874	0.0	0.0	2.173	0.0
35	13065	13066	NS	1	0.0	22.066	11.56	0.0	29.472	13.135	0.0	353.388	7.873	0.0	36.405	9.367	0.0	1.388	0.0	0.0	1.744	0.0	0.0	1.803	0.0	0.0	2.095	0.0
36	13065	13066	NS	1	0.0	20.361	4.851	0.0	25.65	6.159	0.0	355.312	1.201	0.0	22.248	1.29	0.0	1.374	0.0	0.0	1.743	0.0	0.0	1.806	0.0	0.0	2.097	0.0
37	13065	13066	NS	1	0.0	20.361	4.847	0.0	25.65	6.166	0.0	355.312	1.204	0.0	22.236	1.288	0.0	1.374	0.0	0.0	1.743	0.0	0.0	1.806	0.0	0.0	2.097	0.0
38	13065	13066	SN	1	0.0	22.385	6.996	0.0	23.748	8.67	0.0	163.476	4.369	0.0	234.815	5.902	0.0	1.422	0.0	0.0	1.814	0.0	0.0	1.881	0.0	0.0	2.174	0.0
39	13065	13066	SN	1	0.0	22.385	6.996	0.0	23.748	8.67	0.0	163.476	4.369	0.0	234.815	5.902	0.0	1.422	0.0	0.0	1.814	0.0	0.0	1.881	0.0	0.0	2.174	0.0
40	13065	13066	SN	1	0.0	27.889	12.759	0.0	26.781	13.078	0.0	157.575	12.878	0.0	213.213	15.28	0.0	1.422	0.0	0.0	1.816	0.0	0.0	1.874	0.0	0.0	2.174	0.0
41	13065	13066	SN	1	0.0	27.889	12.759	0.0	26.781	13.078	0.0	157.575	12.878	0.0	213.213	15.28	0.0	1.422	0.0	0.0	1.816	0.0	0.0	1.874	0.0	0.0	2.174	0.0
42	13065	13066	NS	1	0.0	22.066	11.55	0.0	29.472	13.145	0.0	111.582	7.887	0.0	36.393	9.388	0.0	1.388	0.0	0.0	1.744	0.0	0.0	1.802	0.0	0.0	2.095	0.0
43	13066	13067	NS	1	0.0	41.812	11.611	0.0	29.478	13.135	0.0	355.014	7.887	0.0	37.827	9.487	0.0	1.389	0.0	0.0	1.744	0.0	0.0	1.802	0.0	0.0	2.096	0.0
44	13066	13067	SN	1	0.0	26.555	6.894	0.0	71.381	8.562	0.0	169.741	4.257	0.0	133.921	5.744	0.0	1.433	0.0	0.0	1.814	0.0	0.0	1.891	0.0	0.0	2.179	0.0
45	13066	13067	SN	1	0.0	26.555	6.996	0.0	71.381	8.607	0.0	169.741	4.458	0.0	16.766	5.68	0.0	1.433	0.0	0.0	1.814	0.0	0.0	1.891	0.0	0.0	2.179	0.0
46	13066	13067	NS	1	0.0	41.812	11.611	0.0	29.478	13.135	0.0	355.014	7.894	0.0	37.827	9.487	0.0	1.389	0.0	0.0	1.744	0.0	0.0	1.802	0.0	0.0	2.096	0.0
47	13066	13067	NS	1	0.0	97.287	4.889	0.0	25.639	6.209	0.0	239.988	1.185	0.0	45.951	1.31	0.0	1.374	0.0	0.0	1.743	0.0	0.0	1.806	0.0	0.0	2.096	0.0
48	13066	13067	SN	1	0.0	26.555	6.901	0.0	71.381	8.562	0.0	169.741	4.257	0.0	133.921	5.742	0.0	1.433	0.0	0.0	1.814	0.0	0.0	1.891	0.0	0.0	2.179	0.0
49	13066	13067	NS	1	0.0	97.287	4.889	0.0	25.639	6.211	0.0	239.988	1.183	0.0	45.951	1.31	0.0	1.374	0.0	0.0	1.743	0.0	0.0	1.806	0.0	0.0	2.096	0.0
50	13066	13067	SN	1	0.0	26.908	12.751	0.0	38.222	12.628	0.0	153.245	13.293	0.0	16.766	14.447	0.0	1.424	0.0	0.0	1.815	0.0	0.0	1.873	0.0	0.0	2.176	0.0
51	13066	13067	SN	1	0.0	26.908	12.701	0.0	38.222	13.089	0.0	153.245	12.834	0.0	56.181	15.12	0.0	1.424	0.0	0.0	1.815	0.0	0.0	1.873	0.0	0.0	2.176	0.0
52	13066	13067	SN	1	0.0	26.908	12.701	0.0	38.222	13.089	0.0	153.245	12.834	0.0	56.247	15.12	0.0	1.424	0.0	0.0	1.815	0.0	0.0	1.873	0.0	0.0	2.176	0.0
53	13067	13068	NS	1	0.0	272.179	11.626	0.0	31.231	13.125	0.0	244.51	7.806	0.0	38.875	9.484	0.0	1.39	0.0	0.0	1.744	0.0	0.0	1.804	0.0	0.0	2.094	0.0
54	13067	13068	NS	1	0.0	44.481	4.915	0.0	25.672	6.199	0.0	130.036	1.111	0.0	20.422	1.286	0.0	1.375	0.0	0.0	1.743	0.0	0.0	1.805	0.0	0.0	2.097	0.0
55	13067	13068	SN	1	0.0	22.49	6.972	0.0	24.007	8.646	0.0	150.455	4.306	0.0	71.135	5.824	0.0	1.421	0.0	0.0	1.813	0.0	0.0	1.882	0.0	0.0	2.173	0.0
56	13067	13068	SN	1	0.0	22.49	6.972	0.0	24.007	8.646	0.0	150.455	4.304	0.0	71.135	5.822	0.0	1.421	0.0	0.0	1.813	0.0	0.0	1.882	0.0	0.0	2.173	0.0
57	13067	13068	NS	1	0.0	41.663	11.596	0.0	31.231	13.125	0.0	244.516	7.791	0.0	38.903	9.463	0.0	1.39	0.0	0.0	1.744	0.0	0.0	1.804	0.0	0.0	2.096	0.0
58	13067	13068	SN	1	0.0	28.022	12.735	0.0	27.139	13.056	0.0	153.973	12.844	0.0	59.617	15.111	0.0	1.419	0.0	0.0	1.815	0.0	0.0	1.876	0.0	0.0	2.172	0.0
59	13067	13068	SN	1	0.0	28.022	12.735	0.0	27.139	13.056	0.0	153.973	12.844	0.0	59.617	15.111	0.0	1.419	0.0	0.0	1.815	0.0	0.0	1.876	0.0	0.0	2.172	0.0
60	13067	13068	SN	1	0.0	22.49	7.127	0.0	24.007	8.731	0.0	150.455	4.597	0.0	15.497	5.812	0.0	1.421	0.0	0.0	1.813	0.0	0.0	1.882	0.0	0.0	2.173	0.0
61	13067	13068	SN	1	0.0	28.022	12.793	0.0	27.139	12.519	0.0	153.973	13.49	0.0	15.668	14.357	0.0	1.419	0.0	0.0	1.815	0.0	0.0	1.876	0.0	0.0	2.172	0.0
62	13067	13068	NS	1	0.0	263.032	4.935	0.0	25.672	6.195	0.0	130.146	1.113	0.0	20.4	1.282	0.0	1.375	0.0	0.0	1.743	0.0	0.0	1.805	0.0	0.0	2.097	0.0
63	13068	13069	NS	1	0.0	55.749	11.585	0.0	29.533	13.094	0.0	352.478	7.715	0.0	35.594	9.465	0.0	1.389	0.0	0.0	1.745	0.0	0.0	1.802	0.0	0.0	2.095	0.0
64	13068	13069	NS	1	0.0	55.749	11.585	0.0	29.533	13.094	0.0	352.478	7.715	0.0	35.594	9.465	0.0	1.389	0.0	0.0	1.745	0.0	0.0	1.802	0.0	0.0	2.095	0.0
65	13068	13069	SN	1	0.0	27.84	12.756	0.0	26.373	13.132	0.0	142.861	12.947	0.0	148.919	15.217	0.0	1.437	0.0	0.0	1.812	0.0	0.0	1.874	0.0	0.0	2.171	0.0
66	13068	13069	SN	1	0.0	27.84	12.827	0.0	26.373	12.537	0.0	142.861	13.614	0.0	80.356	14.426	0.0	1.437	0.0	0.0	1.812	0.0	0.0	1.874	0.0	0.0	2.171	0.0
67	13068	13069	SN	1	0.0	22.325	6.952	0.0	24.001	8.668	0.0	169.669	4.263	0.0	191.561	5.841	0.0	1.433	0.0	0.0	1.813	0.0	0.0	1.879	0.0	0.0	2.172	0.0
68	13068	13069	SN	1	0.0	22.325	6.952	0.0	24.001	8.668	0.0	169.669	4.263	0.0	191.561	5.841	0.0	1.433	0.0	0.0	1.813	0.0	0.0	1.879	0.0	0.0	2.172	0.0

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

69	13068	13069	NS	1	0.0	202.607	4.924	0.0	25.667	6.198	0.0	264.767	1.039	0.0	22.821	1.292	0.0	1.376	0.0	0.0	1.743	0.0	0.0	1.806	0.0	0.0	2.096	0.0
70	13068	13069	SN	1	0.0	27.84	12.756	0.0	26.373	13.132	0.0	142.861	12.947	0.0	148.919	15.217	0.0	1.437	0.0	0.0	1.812	0.0	0.0	1.874	0.0	0.0	2.171	0.0
71	13068	13069	SN	1	0.0	22.325	7.109	0.0	24.001	8.751	0.0	169.669	4.566	0.0	191.561	5.84	0.0	1.433	0.0	0.0	1.813	0.0	0.0	1.879	0.0	0.0	2.172	0.0
72	13068	13069	NS	1	0.0	202.607	4.924	0.0	25.667	6.198	0.0	264.767	1.039	0.0	22.821	1.292	0.0	1.376	0.0	0.0	1.743	0.0	0.0	1.806	0.0	0.0	2.096	0.0
73	13069	13070	SN	1	0.0	22.336	6.936	0.0	23.885	8.639	0.0	179.651	4.136	0.0	72.991	5.72	0.0	1.422	0.0	0.0	1.813	0.0	0.0	1.879	0.0	0.0	2.171	0.0
74	13069	13070	NS	1	0.0	22.032	11.572	0.0	29.489	13.158	0.0	143.161	7.682	0.0	35.506	9.482	0.0	1.387	0.0	0.0	1.745	0.0	0.0	1.798	0.0	0.0	2.096	0.0
75	13069	13070	NS	1	0.0	22.043	11.646	0.0	29.5	13.12	0.0	143.161	7.68	0.0	36.465	9.472	0.0	1.387	0.0	0.0	1.745	0.0	0.0	1.803	0.0	0.0	2.095	0.0
76	13069	13070	NS	1	0.0	20.356	4.979	0.0	25.656	6.209	0.0	264.552	1.025	0.0	48.196	1.285	0.0	1.375	0.0	0.0	1.743	0.0	0.0	1.805	0.0	0.0	2.096	0.0
77	13069	13070	NS	1	0.0	20.375	4.973	0.0	25.656	6.215	0.0	147.333	1.028	0.0	23.472	1.283	0.0	1.374	0.0	0.0	1.743	0.0	0.0	1.806	0.0	0.0	2.096	0.0
78	13069	13070	SN	1	0.0	27.823	12.686	0.0	277.462	13.139	0.0	147.212	12.843	0.0	131.519	15.116	0.0	1.429	0.0	0.0	1.812	0.0	0.0	1.873	0.0	0.0	2.171	0.0
79	13069	13070	SN	1	0.0	22.336	6.937	0.0	143.183	8.62	0.0	179.585	4.121	0.0	76.237	5.727	0.0	1.423	0.0	0.0	1.813	0.0	0.0	1.879	0.0	0.0	2.172	0.0
80	13069	13070	SN	1	0.0	27.829	12.686	0.0	181.772	13.119	0.0	153.868	12.856	0.0	131.469	15.109	0.0	1.429	0.0	0.0	1.812	0.0	0.0	1.873	0.0	0.0	2.172	0.0
81	13070	13071	SN	1	0.0	22.314	6.947	0.0	122.083	8.619	0.0	163.266	4.122	0.0	117.654	5.714	0.0	1.433	0.0	0.0	1.813	0.0	0.0	1.881	0.0	0.0	2.171	0.0
82	13070	13071	NS	1	0.0	20.383	4.945	0.0	25.65	6.19	0.0	355.384	0.988	0.0	21.051	1.294	0.0	1.374	0.0	0.0	1.742	0.0	0.0	1.805	0.0	0.0	2.096	0.0
83	13070	13071	NS	1	0.0	47.939	11.603	0.0	29.522	13.137	0.0	149.763	7.633	0.0	36.189	9.517	0.0	1.389	0.0	0.0	1.744	0.0	0.0	1.805	0.0	0.0	2.094	0.0
84	13070	13071	NS	1	0.0	47.939	11.603	0.0	29.522	13.137	0.0	149.763	7.633	0.0	36.189	9.517	0.0	1.389	0.0	0.0	1.744	0.0	0.0	1.805	0.0	0.0	2.094	0.0
85	13070	13071	SN	1	0.0	27.851	12.62	0.0	122.083	13.01	0.0	158.435	12.736	0.0	123.357	15.062	0.0	1.426	0.0	0.0	1.815	0.0	0.0	1.872	0.0	0.0	2.171	0.0
86	13070	13071	NS	1	0.0	20.383	4.945	0.0	25.65	6.19	0.0	355.384	0.988	0.0	21.051	1.294	0.0	1.374	0.0	0.0	1.742	0.0	0.0	1.805	0.0	0.0	2.096	0.0
87	13071	13072	NS	1	0.0	235.367	4.928	0.0	25.672	6.029	0.0	149.162	0.965	0.0	19.639	1.278	0.0	1.374	0.0	0.0	1.742	0.0	0.0	1.807	0.0	0.0	2.096	0.0
88	13071	13072	NS	1	0.0	80.649	11.524	0.0	31.121	13.061	0.0	354.882	7.36	0.0	33.746	9.483	0.0	1.388	0.0	0.0	1.745	0.0	0.0	1.803	0.0	0.0	2.095	0.0
89	13071	13072	SN	1	0.0	28.695	12.777	0.0	26.009	13.083	0.0	204.634	12.943	0.0	87.553	15.228	0.0	1.429	0.0	0.0	1.815	0.0	0.0	1.877	0.0	0.0	2.172	0.0
90	13071	13072	NS	1	0.0	80.649	11.524	0.0	31.121	13.061	0.0	354.882	7.36	0.0	33.746	9.483	0.0	1.388	0.0	0.0	1.745	0.0	0.0	1.803	0.0	0.0	2.095	0.0
91	13071	13072	NS	1	0.0	235.367	4.928	0.0	25.672	6.029	0.0	149.162	0.965	0.0	19.639	1.278	0.0	1.374	0.0	0.0	1.742	0.0	0.0	1.807	0.0	0.0	2.096	0.0
92	13071	13072	SN	1	0.0	22.314	6.966	0.0	23.891	8.681	0.0	198.077	4.247	0.0	70.465	5.791	0.0	1.426	0.0	0.0	1.813	0.0	0.0	1.879	0.0	0.0	2.172	0.0
93	13072	13073	NS	1	0.0	91.833	11.576	0.0	29.527	13.159	0.0	354.998	7.508	0.0	35.224	9.632	0.0	1.392	0.0	0.0	1.745	0.0	0.0	1.803	0.0	0.0	2.095	0.0
94	13072	13073	NS	1	0.0	91.833	11.611	0.0	29.527	12.948	0.0	354.998	7.584	0.0	19.325	9.282	0.0	1.392	0.0	0.0	1.745	0.0	0.0	1.803	0.0	0.0	2.095	0.0
95	13072	13073	NS	1	0.0	91.833	11.576	0.0	29.527	13.159	0.0	354.998	7.508	0.0	35.224	9.632	0.0	1.392	0.0	0.0	1.745	0.0	0.0	1.803	0.0	0.0	2.095	0.0
96	13072	13073	SN	1	0.0	28.066	12.74	0.0	26.373	13.057	0.0	156.4	12.938	0.0	130.284	15.186	0.0	1.429	0.0	0.0	1.815	0.0	0.0	1.877	0.0	0.0	2.173	0.0
97	13072	13073	SN	1	0.0	28.066	12.74	0.0	26.373	13.057	0.0	156.4	12.945	0.0	130.284	15.186	0.0	1.429	0.0	0.0	1.815	0.0	0.0	1.877	0.0	0.0	2.173	0.0
98	13072	13073	NS	1	0.0	219.401	5.023	0.0	25.672	6.164	0.0	218.89	0.966	0.0	12.872	1.214	0.0	1.376	0.0	0.0	1.743	0.0	0.0	1.805	0.0	0.0	2.096	0.0
99	13072	13073	NS	1	0.0	219.401	4.999	0.0	25.672	6.188	0.0	218.89	0.951	0.0	20.968	1.312	0.0	1.376	0.0	0.0	1.743	0.0	0.0	1.805	0.0	0.0	2.096	0.0
100	13072	13073	NS	1	0.0	219.401	4.999	0.0	25.672	6.188	0.0	218.89	0.951	0.0	20.968	1.312	0.0	1.376	0.0	0.0	1.743	0.0	0.0	1.805	0.0	0.0	2.096	0.0
101	13072	13073	SN	1	0.0	22.303	6.965	0.0	23.896	8.676	0.0	185.591	4.251	0.0	126.266	5.792	0.0	1.426	0.0	0.0	1.813	0.0	0.0	1.879	0.0	0.0	2.172	0.0
102	13072	13073	SN	1	0.0	22.303	6.965	0.0	23.896	8.676	0.0	185.591	4.251	0.0	126.266	5.793	0.0	1.426	0.0	0.0	1.813	0.0	0.0	1.879	0.0	0.0	2.172	0.0
103	13073	13074	NS	1	0.0	22.17	11.652	0.0	29.566	12.539	0.0	129.892	7.5	0.0	12.883	8.586	0.0	1.39	0.0	0.0	1.747	0.0	0.0	1.803	0.0	0.0	2.095	0.0
104	13073	13074	NS	1	0.0	123.087	4.947	0.0	25.7	6.114	0.0	116.066	0.887	0.0	41.666	1.264	0.0	1.376	0.0	0.0	1.751	0.0	0.0	1.806	0.0	0.0	2.096	0.0
105	13073	13074	NS	1	0.0	22.17	11.5	0.0	29.566	13.044	0.0	129.892	7.275	0.0	35.048	9.43	0.0	1.39	0.0	0.0	1.747	0.0	0.0	1.803	0.0	0.0	2.095	0.0

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



106	13073	13074	NS	1	0.0	22.17	11.5	0.0	29.566	13.044	0.0	129.892	7.275	0.0	35.048	9.43	0.0	1.39	0.0	0.0	1.747	0.0	0.0	1.803	0.0	0.0	2.095	0.0
107	13073	13074	SN	1	0.0	22.314	6.951	0.0	235.4	8.642	0.0	189.043	4.237	0.0	139.428	5.811	0.0	1.423	0.0	0.0	1.813	0.0	0.0	1.878	0.0	0.0	2.172	0.0
108	13073	13074	NS	1	0.0	123.087	5.02	0.0	25.7	6.034	0.0	116.066	0.932	0.0	11.096	1.093	0.0	1.376	0.0	0.0	1.751	0.0	0.0	1.806	0.0	0.0	2.096	0.0
109	13073	13074	SN	1	0.0	28.783	12.73	0.0	180.057	13.057	0.0	176.772	12.959	0.0	237.071	15.186	0.0	1.413	0.0	0.0	1.815	0.0	0.0	1.877	0.0	0.0	2.172	0.0
110	13073	13074	SN	1	0.0	22.314	6.951	0.0	235.4	8.642	0.0	189.043	4.237	0.0	139.428	5.811	0.0	1.423	0.0	0.0	1.813	0.0	0.0	1.878	0.0	0.0	2.172	0.0
111	13073	13074	SN	1	0.0	28.783	12.73	0.0	180.057	13.057	0.0	176.772	12.959	0.0	237.071	15.186	0.0	1.413	0.0	0.0	1.815	0.0	0.0	1.877	0.0	0.0	2.172	0.0
112	13073	13074	NS	1	0.0	123.087	4.947	0.0	25.7	6.114	0.0	116.066	0.887	0.0	41.666	1.264	0.0	1.376	0.0	0.0	1.751	0.0	0.0	1.806	0.0	0.0	2.096	0.0
113	13074	13075	NS	1	0.0	20.392	5.165	0.0	26.185	6.165	0.0	243.165	0.949	0.0	11.14	1.197	0.0	1.376	0.0	0.0	1.744	0.0	0.0	1.806	0.0	0.0	2.096	0.0
114	13074	13075	NS	1	0.0	20.392	5.02	0.0	26.185	6.181	0.0	243.165	0.862	0.0	22.137	1.312	0.0	1.376	0.0	0.0	1.744	0.0	0.0	1.806	0.0	0.0	2.096	0.0
115	13074	13075	NS	1	0.0	22.159	11.907	0.0	30.024	12.354	0.0	352.527	7.811	0.0	12.894	8.348	0.0	1.39	0.0	0.0	1.746	0.0	0.0	1.802	0.0	0.0	2.095	0.0
116	13074	13075	SN	1	0.0	27.79	12.715	0.0	236.911	13.011	0.0	173.331	12.856	0.0	191.958	15.093	0.0	1.43	0.0	0.0	1.813	0.0	0.0	1.876	0.0	0.0	2.171	0.0
117	13074	13075	SN	1	0.0	27.79	12.715	0.0	236.911	13.011	0.0	173.331	12.856	0.0	191.958	15.093	0.0	1.43	0.0	0.0	1.813	0.0	0.0	1.876	0.0	0.0	2.171	0.0
118	13074	13075	SN	1	0.0	22.314	6.955	0.0	267.712	8.665	0.0	196.963	4.215	0.0	252.976	5.781	0.0	1.422	0.0	0.0	1.812	0.0	0.0	1.878	0.0	0.0	2.171	0.0
119	13074	13075	SN	1	0.0	22.314	6.955	0.0	267.712	8.665	0.0	196.963	4.215	0.0	252.976	5.781	0.0	1.422	0.0	0.0	1.812	0.0	0.0	1.878	0.0	0.0	2.171	0.0
120	13074	13075	NS	1	0.0	20.392	5.017	0.0	26.185	6.181	0.0	243.165	0.862	0.0	22.132	1.31	0.0	1.376	0.0	0.0	1.744	0.0	0.0	1.806	0.0	0.0	2.096	0.0
121	13074	13075	NS	1	0.0	22.159	11.584	0.0	30.024	13.075	0.0	352.527	7.252	0.0	35.478	9.622	0.0	1.39	0.0	0.0	1.746	0.0	0.0	1.802	0.0	0.0	2.095	0.0
122	13074	13075	NS	1	0.0	22.159	11.584	0.0	30.024	13.075	0.0	352.527	7.252	0.0	35.484	9.622	0.0	1.39	0.0	0.0	1.746	0.0	0.0	1.802	0.0	0.0	2.095	0.0
123	13075	13076	NS	1	0.0	149.901	11.878	0.0	29.555	12.339	0.0	122.099	7.954	0.0	12.894	8.351	0.0	1.392	0.0	0.0	1.745	0.0	0.0	1.804	0.0	0.0	2.098	0.0
124	13075	13076	NS	1	0.0	78.509	5.013	0.0	25.7	6.137	0.0	355.108	0.898	0.0	49.315	1.338	0.0	1.377	0.0	0.0	1.744	0.0	0.0	1.806	0.0	0.0	2.096	0.0
125	13075	13076	SN	1	0.0	22.314	7.069	0.0	43.067	8.694	0.0	175.614	4.505	0.0	15.497	5.744	0.0	1.421	0.0	0.0	1.812	0.0	0.0	1.879	0.0	0.0	2.171	0.0
126	13075	13076	NS	1	0.0	78.509	5.17	0.0	25.7	6.134	0.0	355.103	0.999	0.0	10.881	1.215	0.0	1.377	0.0	0.0	1.744	0.0	0.0	1.806	0.0	0.0	2.096	0.0
127	13075	13076	SN	1	0.0	22.314	6.895	0.0	43.067	8.623	0.0	175.614	4.179	0.0	72.302	5.75	0.0	1.421	0.0	0.0	1.812	0.0	0.0	1.879	0.0	0.0	2.171	0.0
128	13075	13076	SN	1	0.0	27.834	12.719	0.0	35.271	13.033	0.0	144.907	12.869	0.0	37.86	15.07	0.0	1.43	0.0	0.0	1.814	0.0	0.0	1.875	0.0	0.0	2.174	0.0
129	13075	13076	NS	1	0.0	149.906	11.524	0.0	29.555	13.093	0.0	122.116	7.318	0.0	36.074	9.631	0.0	1.393	0.0	0.0	1.745	0.0	0.0	1.804	0.0	0.0	2.098	0.0
130	13075	13076	NS	1	0.0	149.901	11.524	0.0	29.555	13.093	0.0	122.099	7.326	0.0	36.074	9.616	0.0	1.392	0.0	0.0	1.745	0.0	0.0	1.804	0.0	0.0	2.098	0.0
131	13075	13076	NS	1	0.0	78.509	5.013	0.0	25.7	6.138	0.0	355.103	0.9	0.0	49.315	1.332	0.0	1.377	0.0	0.0	1.744	0.0	0.0	1.806	0.0	0.0	2.096	0.0
132	13075	13076	SN	1	0.0	27.834	12.796	0.0	35.271	12.434	0.0	144.907	13.603	0.0	15.663	14.234	0.0	1.43	0.0	0.0	1.814	0.0	0.0	1.875	0.0	0.0	2.174	0.0
133	13076	13077	SN	1	0.0	22.336	6.935	0.0	23.709	8.671	0.0	171.175	4.226	0.0	112.001	5.878	0.0	1.427	0.0	0.0	1.814	0.0	0.0	1.9	0.0	0.0	2.172	0.0
134	13076	13077	SN	1	0.0	22.336	6.935	0.0	23.709	8.671	0.0	171.175	4.226	0.0	112.001	5.878	0.0	1.427	0.0	0.0	1.814	0.0	0.0	1.9	0.0	0.0	2.172	0.0
135	13076	13077	NS	1	0.0	22.066	11.542	0.0	29.588	13.141	0.0	112.432	7.306	0.0	36.912	9.596	0.0	1.389	0.0	0.0	1.745	0.0	0.0	1.803	0.0	0.0	2.097	0.0
136	13076	13077	SN	1	0.0	27.845	12.661	0.0	25.788	13.142	0.0	153.521	12.988	0.0	133.378	15.276	0.0	1.426	0.0	0.0	1.813	0.0	0.0	1.873	0.0	0.0	2.172	0.0
137	13076	13077	SN	1	0.0	27.845	12.701	0.0	25.788	12.827	0.0	153.521	13.228	0.0	17.207	14.793	0.0	1.426	0.0	0.0	1.813	0.0	0.0	1.873	0.0	0.0	2.172	0.0
138	13076	13077	NS	1	0.0	80.632	5.027	0.0	25.711	6.168	0.0	355.533	0.879	0.0	23.196	1.32	0.0	1.375	0.0	0.0	1.743	0.0	0.0	1.806	0.0	0.0	2.097	0.0
139	13076	13077	SN	1	0.0	27.845	12.661	0.0	25.788	13.142	0.0	153.521	12.988	0.0	133.378	15.276	0.0	1.426	0.0	0.0	1.813	0.0	0.0	1.873	0.0	0.0	2.172	0.0
140	13076	13077	SN	1	0.0	22.336	6.989	0.0	23.709	8.692	0.0	171.175	4.332	0.0	15.492	5.791	0.0	1.427	0.0	0.0	1.814	0.0	0.0	1.9	0.0	0.0	2.172	0.0
141	13076	13077	NS	1	0.0	22.066	11.542	0.0	29.582	13.141	0.0	112.388	7.306	0.0	36.917	9.582	0.0	1.389	0.0	0.0	1.745	0.0	0.0	1.802	0.0	0.0	2.097	0.0
142	13076	13077	NS	1	0.0	80.632	5.027	0.0	25.711	6.17	0.0	355.533	0.883	0.0	23.196	1.313	0.0	1.375	0.0	0.0	1.743	0.0	0.0	1.806	0.0	0.0	2.097	0.0

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

143	13077	13078	SN	1	0.0	22.325	6.913	0.0	23.714	8.729	0.0	167.281	4.202	0.0	124.19	5.906	0.0	1.429	0.0	0.0	1.813	0.0	0.0	1.882	0.0	0.0	2.173	0.0
144	13077	13078	NS	1	0.0	159.69	4.956	0.0	25.689	6.071	0.0	118.178	0.839	0.0	23.681	1.247	0.0	1.375	0.0	0.0	1.748	0.0	0.0	1.806	0.0	0.0	2.096	0.0
145	13077	13078	NS	1	0.0	41.79	11.457	0.0	29.544	13.142	0.0	351.391	7.216	0.0	58.84	9.358	0.0	1.388	0.0	0.0	1.745	0.0	0.0	1.803	0.0	0.0	2.095	0.0
146	13077	13078	NS	1	0.0	41.79	11.457	0.0	29.544	13.142	0.0	351.386	7.231	0.0	58.834	9.365	0.0	1.388	0.0	0.0	1.745	0.0	0.0	1.803	0.0	0.0	2.095	0.0
147	13077	13078	SN	1	0.0	22.325	6.943	0.0	23.714	8.738	0.0	167.281	4.258	0.0	15.497	5.836	0.0	1.429	0.0	0.0	1.813	0.0	0.0	1.882	0.0	0.0	2.173	0.0
148	13077	13078	SN	1	0.0	22.325	6.943	0.0	23.714	8.738	0.0	167.281	4.258	0.0	15.497	5.836	0.0	1.429	0.0	0.0	1.813	0.0	0.0	1.882	0.0	0.0	2.173	0.0
149	13077	13078	SN	1	0.0	26.83	12.646	0.0	25.783	12.917	0.0	158.639	12.965	0.0	79.788	15.03	0.0	1.441	0.0	0.0	1.813	0.0	0.0	1.873	0.0	0.0	2.173	0.0
150	13077	13078	SN	1	0.0	26.83	12.645	0.0	25.783	12.956	0.0	158.639	12.965	0.0	79.788	15.093	0.0	1.441	0.0	0.0	1.813	0.0	0.0	1.873	0.0	0.0	2.173	0.0
151	13077	13078	SN	1	0.0	26.83	12.632	0.0	25.783	13.122	0.0	158.639	12.858	0.0	79.788	15.275	0.0	1.441	0.0	0.0	1.813	0.0	0.0	1.873	0.0	0.0	2.173	0.0
152	13077	13078	NS	1	0.0	159.695	4.951	0.0	25.683	6.078	0.0	118.173	0.841	0.0	23.681	1.256	0.0	1.375	0.0	0.0	1.749	0.0	0.0	1.806	0.0	0.0	2.096	0.0
153	13078	13079	SN	1	0.0	29.296	12.741	0.0	52.594	13.158	0.0	153.929	13.037	0.0	137.31	15.243	0.0	1.416	0.0	0.0	1.816	0.0	0.0	1.878	0.0	0.0	2.173	0.0
154	13078	13079	NS	1	0.0	272.802	11.565	0.0	29.544	13.127	0.0	168.756	7.451	0.0	35.93	9.519	0.0	1.389	0.0	0.0	1.745	0.0	0.0	1.801	0.0	0.0	2.094	0.0
155	13078	13079	SN	1	0.0	22.303	6.969	0.0	230.282	8.683	0.0	146.01	4.24	0.0	123.02	5.87	0.0	1.426	0.0	0.0	1.813	0.0	0.0	1.882	0.0	0.0	2.173	0.0
156	13078	13079	NS	1	0.0	258.226	4.987	0.0	25.689	6.182	0.0	264.557	0.914	0.0	21.426	1.3	0.0	1.374	0.0	0.0	1.742	0.0	0.0	1.805	0.0	0.0	2.096	0.0
157	13078	13079	SN	1	0.0	22.303	6.969	0.0	230.282	8.683	0.0	146.01	4.238	0.0	123.02	5.868	0.0	1.426	0.0	0.0	1.813	0.0	0.0	1.882	0.0	0.0	2.173	0.0
158	13078	13079	SN	1	0.0	29.296	12.757	0.0	52.594	12.922	0.0	153.929	13.195	0.0	67.672	14.928	0.0	1.416	0.0	0.0	1.816	0.0	0.0	1.878	0.0	0.0	2.173	0.0
159	13078	13079	SN	1	0.0	22.303	7.011	0.0	230.282	8.693	0.0	146.01	4.31	0.0	123.02	5.797	0.0	1.426	0.0	0.0	1.813	0.0	0.0	1.882	0.0	0.0	2.173	0.0
160	13078	13079	SN	1	0.0	29.296	12.741	0.0	52.594	13.158	0.0	153.929	13.037	0.0	137.31	15.243	0.0	1.416	0.0	0.0	1.816	0.0	0.0	1.878	0.0	0.0	2.173	0.0
161	13079	13080	NS	1	0.0	191.434	4.975	0.0	25.672	6.12	0.0	262.296	0.945	0.0	22.865	1.325	0.0	1.375	0.0	0.0	1.741	0.0	0.0	1.806	0.0	0.0	2.095	0.0
162	13079	13080	SN	1	0.0	29.13	12.722	0.0	26.02	13.121	0.0	153.295	13.044	0.0	56.159	15.33	0.0	1.446	0.0	0.0	1.816	0.0	0.0	1.88	0.0	0.0	2.174	0.0
163	13079	13080	SN	1	0.0	22.341	6.983	0.0	23.698	8.727	0.0	159.907	4.288	0.0	268.225	5.958	0.0	1.427	0.0	0.0	1.814	0.0	0.0	1.881	0.0	0.0	2.173	0.0
164	13079	13080	NS	1	0.0	151.139	11.675	0.0	29.533	13.004	0.0	352.483	7.517	0.0	35.406	9.294	0.0	1.387	0.0	0.0	1.745	0.0	0.0	1.796	0.0	0.0	2.093	0.0
165	13079	13080	SN	1	0.0	29.13	12.733	0.0	25.805	13.121	0.0	153.334	13.051	0.0	56.17	15.344	0.0	1.423	0.0	0.0	1.816	0.0	0.0	1.88	0.0	0.0	2.173	0.0
166	13079	13080	NS	1	0.0	203.68	11.638	0.0	31.242	13.015	0.0	354.65	7.498	0.0	36.824	9.328	0.0	1.387	0.0	0.0	1.744	0.0	0.0	1.803	0.0	0.0	2.094	0.0
167	13079	13080	NS	1	0.0	140.39	4.962	0.0	25.656	6.132	0.0	238.292	0.927	0.0	21.988	1.332	0.0	1.373	0.0	0.0	1.742	0.0	0.0	1.806	0.0	0.0	2.095	0.0
168	13079	13080	SN	1	0.0	22.347	6.971	0.0	23.698	8.725	0.0	159.891	4.291	0.0	268.225	5.948	0.0	1.427	0.0	0.0	1.813	0.0	0.0	1.881	0.0	0.0	2.173	0.0
169	13079	13080	SN	1	0.0	29.13	12.758	0.0	25.805	12.822	0.0	153.334	13.287	0.0	25.013	14.915	0.0	1.423	0.0	0.0	1.816	0.0	0.0	1.88	0.0	0.0	2.173	0.0
170	13079	13080	SN	1	0.0	22.347	7.026	0.0	23.698	8.743	0.0	159.891	4.398	0.0	268.225	5.866	0.0	1.427	0.0	0.0	1.813	0.0	0.0	1.881	0.0	0.0	2.173	0.0
171	13080	13081	NS	1	0.0	211.205	11.738	0.0	29.538	13.1	0.0	249.603	7.593	0.0	36.261	9.565	0.0	1.389	0.0	0.0	1.746	0.0	0.0	1.797	0.0	0.0	2.094	0.0
172	13080	13081	NS	1	0.0	235.449	11.687	0.0	29.538	13.09	0.0	194.812	7.579	0.0	36.25	9.579	0.0	1.389	0.0	0.0	1.746	0.0	0.0	1.797	0.0	0.0	2.095	0.0
173	13080	13081	NS	1	0.0	269.126	5.005	0.0	25.678	6.163	0.0	217.696	0.933	0.0	23.483	1.336	0.0	1.374	0.0	0.0	1.742	0.0	0.0	1.805	0.0	0.0	2.096	0.0
174	13080	13081	SN	1	0.0	27.774	12.82	0.0	234.098	12.646	0.0	145.177	13.455	0.0	15.657	14.645	0.0	1.429	0.0	0.0	1.815	0.0	0.0	1.877	0.0	0.0	2.173	0.0
175	13080	13081	SN	1	0.0	22.347	6.967	0.0	68.243	8.688	0.0	175.94	4.256	0.0	73.697	5.898	0.0	1.435	0.0	0.0	1.813	0.0	0.0	1.879	0.0	0.0	2.172	0.0
176	13080	13081	SN	1	0.0	22.347	6.967	0.0	68.243	8.688	0.0	175.94	4.256	0.0	73.697	5.898	0.0	1.435	0.0	0.0	1.813	0.0	0.0	1.879	0.0	0.0	2.172	0.0
177	13080	13081	SN	1	0.0	27.774	12.777	0.0	234.098	13.006	0.0	145.177	13.075	0.0	137.74	15.24	0.0	1.429	0.0	0.0	1.815	0.0	0.0	1.877	0.0	0.0	2.173	0.0
178	13080	13081	SN	1	0.0	27.774	12.777	0.0	234.098	13.006	0.0	145.177	13.075	0.0	137.74	15.24	0.0	1.429	0.0	0.0	1.815	0.0	0.0	1.877	0.0	0.0	2.173	0.0
179	13080	13081	SN	1	0.0	22.347	7.046	0.0	68.243	8.728	0.0	175.94	4.422	0.0	15.503	5.814	0.0	1.435	0.0	0.0	1.813	0.0	0.0	1.879	0.0	0.0	2.172	0.0

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

180	13080	13081	NS	1	0.0	258.05	4.996	0.0	25.678	6.172	0.0	156.27	0.93	0.0	23.472	1.334	0.0	1.374	0.0	0.0	1.742	0.0	0.0	1.805	0.0	0.0	2.096	0.0
181	13081	13082	SN	1	0.0	28.347	12.8	0.0	25.772	13.043	0.0	164.281	13.193	0.0	39.556	15.258	0.0	1.424	0.0	0.0	1.815	0.0	0.0	1.875	0.0	0.0	2.172	0.0
182	13081	13082	NS	1	0.0	20.447	5.017	0.0	25.689	6.101	0.0	349.395	0.88	0.0	36.245	1.341	0.0	1.373	0.0	0.0	1.742	0.0	0.0	1.804	0.0	0.0	2.096	0.0
183	13081	13082	SN	1	0.0	28.353	12.81	0.0	25.772	13.002	0.0	164.275	13.172	0.0	125.1	15.272	0.0	1.437	0.0	0.0	1.814	0.0	0.0	1.875	0.0	0.0	2.172	0.0
184	13081	13082	SN	1	0.0	22.347	6.959	0.0	23.698	8.724	0.0	182.045	4.234	0.0	121.746	5.944	0.0	1.423	0.0	0.0	1.813	0.0	0.0	1.879	0.0	0.0	2.172	0.0
185	13081	13082	NS	1	0.0	201.0	11.613	0.0	29.571	13.097	0.0	116.198	7.371	0.0	50.926	9.55	0.0	1.388	0.0	0.0	1.745	0.0	0.0	1.803	0.0	0.0	2.093	0.0
186	13081	13082	NS	1	0.0	255.929	11.547	0.0	29.577	13.107	0.0	129.247	7.346	0.0	36.223	9.525	0.0	1.388	0.0	0.0	1.745	0.0	0.0	1.798	0.0	0.0	2.096	0.0
187	13081	13082	SN	1	0.0	22.325	6.954	0.0	23.692	8.733	0.0	182.023	4.239	0.0	121.746	5.944	0.0	1.42	0.0	0.0	1.813	0.0	0.0	1.879	0.0	0.0	2.172	0.0
188	13081	13082	SN	1	0.0	28.353	12.861	0.0	25.772	12.583	0.0	164.275	13.748	0.0	125.1	14.578	0.0	1.437	0.0	0.0	1.814	0.0	0.0	1.875	0.0	0.0	2.172	0.0
189	13081	13082	SN	1	0.0	22.347	7.075	0.0	23.698	8.79	0.0	182.045	4.476	0.0	15.497	5.911	0.0	1.423	0.0	0.0	1.813	0.0	0.0	1.879	0.0	0.0	2.172	0.0
190	13081	13082	NS	1	0.0	79.463	5.022	0.0	25.7	6.129	0.0	351.926	0.88	0.0	22.816	1.335	0.0	1.374	0.0	0.0	1.742	0.0	0.0	1.805	0.0	0.0	2.095	0.0
191	13082	13083	NS	1	0.0	169.732	11.601	0.0	29.544	13.139	0.0	352.742	7.276	0.0	37.326	9.654	0.0	1.388	0.0	0.0	1.745	0.0	0.0	1.803	0.0	0.0	2.096	0.0
192	13082	13083	SN	1	0.0	27.707	12.64	0.0	25.75	12.329	0.0	156.747	13.574	0.0	15.641	14.228	0.0	1.437	0.0	0.0	1.812	0.0	0.0	1.875	0.0	0.0	2.169	0.0
193	13082	13083	NS	1	0.0	47.961	11.631	0.0	29.544	13.118	0.0	352.731	7.29	0.0	36.675	9.625	0.0	1.388	0.0	0.0	1.745	0.0	0.0	1.804	0.0	0.0	2.096	0.0
194	13082	13083	SN	1	0.0	27.707	12.58	0.0	25.75	12.945	0.0	156.747	12.878	0.0	59.965	15.056	0.0	1.437	0.0	0.0	1.812	0.0	0.0	1.875	0.0	0.0	2.169	0.0
195	13082	13083	SN	1	0.0	27.707	12.58	0.0	25.75	12.934	0.0	156.747	12.864	0.0	60.036	15.077	0.0	1.437	0.0	0.0	1.812	0.0	0.0	1.875	0.0	0.0	2.169	0.0
196	13082	13083	SN	1	0.0	22.518	7.038	0.0	23.759	8.623	0.0	165.676	4.382	0.0	15.497	5.78	0.0	1.42	0.0	0.0	1.813	0.0	0.0	1.88	0.0	0.0	2.172	0.0
197	13082	13083	NS	1	0.0	77.257	5.074	0.0	25.689	6.127	0.0	352.494	0.842	0.0	23.417	1.347	0.0	1.375	0.0	0.0	1.743	0.0	0.0	1.806	0.0	0.0	2.095	0.0
198	13082	13083	NS	1	0.0	159.171	5.063	0.0	25.7	6.147	0.0	352.478	0.848	0.0	23.395	1.349	0.0	1.375	0.0	0.0	1.743	0.0	0.0	1.807	0.0	0.0	2.096	0.0
199	13082	13083	SN	1	0.0	22.518	6.853	0.0	23.759	8.56	0.0	165.676	4.056	0.0	122.827	5.75	0.0	1.42	0.0	0.0	1.813	0.0	0.0	1.88	0.0	0.0	2.172	0.0
200	13082	13083	SN	1	0.0	22.518	6.856	0.0	23.759	8.562	0.0	165.676	4.056	0.0	123.009	5.75	0.0	1.42	0.0	0.0	1.813	0.0	0.0	1.88	0.0	0.0	2.172	0.0
201	13083	13084	NS	1	0.0	155.189	5.04	0.0	126.862	6.11	0.0	134.108	0.871	0.0	155.997	1.36	0.0	1.376	0.0	0.0	1.746	0.0	0.0	1.805	0.0	0.0	2.096	0.0
202	13083	13084	NS	1	0.0	91.822	11.582	0.0	126.856	13.174	0.0	355.136	7.268	0.0	156.047	9.672	0.0	1.388	0.0	0.0	1.745	0.0	0.0	1.802	0.0	0.0	2.095	0.0
203	13083	13084	SN	1	0.0	22.336	6.888	0.0	23.692	8.725	0.0	144.074	4.107	0.0	134.152	5.849	0.0	1.419	0.0	0.0	1.812	0.0	0.0	1.879	0.0	0.0	2.171	0.0
204	13083	13084	SN	1	0.0	22.336	6.888	0.0	23.692	8.725	0.0	144.074	4.107	0.0	134.152	5.849	0.0	1.419	0.0	0.0	1.812	0.0	0.0	1.879	0.0	0.0	2.171	0.0
205	13083	13084	SN	1	0.0	29.213	12.61	0.0	276.139	13.087	0.0	152.082	12.988	0.0	147.943	15.312	0.0	1.442	0.0	0.0	1.815	0.0	0.0	1.872	0.0	0.0	2.171	0.0
206	13083	13084	NS	1	0.0	80.075	5.061	0.0	126.862	6.119	0.0	208.696	0.871	0.0	155.997	1.373	0.0	1.376	0.0	0.0	1.746	0.0	0.0	1.805	0.0	0.0	2.096	0.0
207	13083	13084	SN	1	0.0	29.213	12.61	0.0	276.139	13.087	0.0	152.082	12.988	0.0	147.943	15.305	0.0	1.442	0.0	0.0	1.815	0.0	0.0	1.872	0.0	0.0	2.171	0.0
208	13083	13084	SN	1	0.0	29.213	12.715	0.0	276.139	12.39	0.0	152.082	13.934	0.0	39.143	14.428	0.0	1.442	0.0	0.0	1.815	0.0	0.0	1.872	0.0	0.0	2.171	0.0
209	13083	13084	NS	1	0.0	147.954	11.582	0.0	126.856	13.164	0.0	355.13	7.261	0.0	156.047	9.7	0.0	1.389	0.0	0.0	1.745	0.0	0.0	1.803	0.0	0.0	2.096	0.0
210	13083	13084	SN	1	0.0	22.336	7.189	0.0	23.692	8.841	0.0	144.074	4.566	0.0	134.152	6.013	0.0	1.419	0.0	0.0	1.812	0.0	0.0	1.879	0.0	0.0	2.171	0.0
211	13084	13085	SN	1	0.0	22.336	6.83	0.0	23.687	8.719	0.0	133.656	4.19	0.0	77.61	5.859	0.0	1.42	0.0	0.0	1.812	0.0	0.0	1.879	0.0	0.0	2.17	0.0
212	13084	13085	SN	1	0.0	26.544	12.566	0.0	25.733	13.101	0.0	135.459	13.019	0.0	131.618	15.41	0.0	1.422	0.0	0.0	1.813	0.0	0.0	1.877	0.0	0.0	2.171	0.0
213	13084	13085	NS	1	0.0	22.639	11.378	0.0	29.897	13.086	0.0	180.608	7.057	0.0	40.679	9.452	0.0	1.39	0.0	0.0	1.744	0.0	0.0	1.802	0.0	0.0	2.093	0.0
214	13084	13085	SN	1	0.0	22.336	6.881	0.0	23.687	8.748	0.0	133.656	4.203	0.0	77.61	5.909	0.0	1.42	0.0	0.0	1.812	0.0	0.0	1.879	0.0	0.0	2.17	0.0
215	13084	13085	SN	1	0.0	26.544	12.517	0.0	25.733	13.039	0.0	135.459	12.91	0.0	131.618	15.342	0.0	1.422	0.0	0.0	1.813	0.0	0.0	1.877	0.0	0.0	2.171	0.0
216	13084	13085	NS	1	0.0	20.364	4.942	0.0	26.003	6.017	0.0	280.628	0.779	0.0	21.216	1.321	0.0	1.374	0.0	0.0	1.742	0.0	0.0	1.806	0.0	0.0	2.095	0.0

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

217	13085	13086	SN	1	0.0	22.341	6.893	0.0	23.714	8.644	0.0	176.877	4.087	0.0	66.621	5.702	0.0	1.435	0.0	0.0	1.812	0.0	0.0	1.936	0.0	0.0	2.171	0.0
218	13085	13086	SN	1	0.0	27.724	12.685	0.0	25.733	12.991	0.0	159.196	13.03	0.0	87.316	15.077	0.0	1.426	0.0	0.0	1.814	0.0	0.0	1.872	0.0	0.0	2.171	0.0
219	13085	13086	NS	1	0.0	158.203	5.115	0.0	25.689	6.094	0.0	196.646	0.862	0.0	22.104	1.376	0.0	1.373	0.0	0.0	1.742	0.0	0.0	1.804	0.0	0.0	2.096	0.0
220	13085	13086	NS	1	0.0	158.203	5.115	0.0	25.689	6.094	0.0	196.646	0.862	0.0	22.104	1.376	0.0	1.373	0.0	0.0	1.742	0.0	0.0	1.804	0.0	0.0	2.096	0.0
221	13085	13086	NS	1	0.0	100.155	11.696	0.0	29.577	13.11	0.0	352.682	7.283	0.0	35.368	9.707	0.0	1.388	0.0	0.0	1.744	0.0	0.0	1.803	0.0	0.0	2.094	0.0
222	13085	13086	NS	1	0.0	100.155	11.696	0.0	29.577	13.11	0.0	352.682	7.283	0.0	35.368	9.707	0.0	1.388	0.0	0.0	1.744	0.0	0.0	1.803	0.0	0.0	2.094	0.0
223	13086	13087	SN	1	0.0	22.749	6.878	0.0	23.786	8.654	0.0	163.669	4.144	0.0	127.278	5.741	0.0	1.52	0.0	0.0	1.812	0.0	0.0	1.972	0.0	0.0	2.171	0.0
224	13086	13087	NS	1	0.0	97.254	5.108	0.0	25.711	6.065	0.0	156.883	0.876	0.0	12.547	1.283	0.0	1.375	0.0	0.0	1.742	0.0	0.0	1.805	0.0	0.0	2.095	0.0
225	13086	13087	NS	1	0.0	22.038	11.64	0.0	29.555	12.938	0.0	148.682	7.376	0.0	19.479	9.379	0.0	1.387	0.0	0.0	1.745	0.0	0.0	1.798	0.0	0.0	2.095	0.0
226	13086	13087	NS	1	0.0	22.038	11.608	0.0	32.015	13.142	0.0	148.682	7.307	0.0	35.108	9.667	0.0	1.387	0.0	0.0	1.745	0.0	0.0	1.798	0.0	0.0	2.095	0.0
227	13086	13087	SN	1	0.0	27.818	12.667	0.0	25.727	12.931	0.0	143.589	12.916	0.0	134.133	15.035	0.0	1.508	0.0	0.0	1.814	0.0	0.0	1.952	0.0	0.0	2.175	0.0
228	13086	13087	NS	1	0.0	97.254	5.074	0.0	25.711	6.098	0.0	156.883	0.863	0.0	22.551	1.368	0.0	1.375	0.0	0.0	1.742	0.0	0.0	1.805	0.0	0.0	2.095	0.0
229	13087	13088	NS	1	0.0	22.088	11.63	0.0	29.571	13.118	0.0	129.181	7.284	0.0	36.09	9.718	0.0	1.387	0.0	0.0	1.746	0.0	0.0	1.799	0.0	0.0	2.092	0.0
230	13087	13088	SN	1	0.0	30.901	12.725	0.0	25.7	13.014	0.0	185.547	12.951	0.0	171.106	15.302	0.0	1.549	0.0	0.0	1.811	0.0	0.0	1.99	0.0	0.0	2.214	0.0
231	13087	13088	SN	1	0.0	22.336	6.96	0.0	23.726	8.715	0.0	195.016	4.227	0.0	142.836	5.84	0.0	1.559	0.0	0.0	1.812	0.0	0.0	2.008	0.0	0.0	2.208	0.0
232	13087	13088	NS	1	0.0	22.088	11.63	0.0	29.571	13.118	0.0	129.181	7.284	0.0	36.09	9.718	0.0	1.387	0.0	0.0	1.746	0.0	0.0	1.799	0.0	0.0	2.092	0.0
233	13087	13088	SN	1	0.0	30.901	12.725	0.0	25.7	13.014	0.0	185.547	12.951	0.0	171.106	15.302	0.0	1.549	0.0	0.0	1.811	0.0	0.0	1.99	0.0	0.0	2.214	0.0
234	13087	13088	SN	1	0.0	22.336	6.96	0.0	23.726	8.715	0.0	195.016	4.225	0.0	142.836	5.84	0.0	1.559	0.0	0.0	1.812	0.0	0.0	2.008	0.0	0.0	2.208	0.0
235	13087	13088	NS	1	0.0	20.466	5.097	0.0	25.722	6.122	0.0	352.114	0.865	0.0	23.102	1.387	0.0	1.376	0.0	0.0	1.742	0.0	0.0	1.806	0.0	0.0	2.096	0.0
236	13087	13088	NS	1	0.0	22.088	11.708	0.0	29.571	12.738	0.0	129.181	7.426	0.0	15.927	9.121	0.0	1.387	0.0	0.0	1.746	0.0	0.0	1.799	0.0	0.0	2.092	0.0
237	13087	13088	NS	1	0.0	20.466	5.097	0.0	25.722	6.122	0.0	352.114	0.865	0.0	23.102	1.384	0.0	1.376	0.0	0.0	1.742	0.0	0.0	1.806	0.0	0.0	2.096	0.0
238	13087	13088	NS	1	0.0	20.466	5.153	0.0	25.722	6.069	0.0	352.114	0.892	0.0	12.315	1.246	0.0	1.376	0.0	0.0	1.742	0.0	0.0	1.806	0.0	0.0	2.096	0.0
239	13088	13089	NS	1	0.0	96.248	5.219	0.0	25.733	5.998	0.0	196.72	0.927	0.0	10.837	1.239	0.0	1.375	0.0	0.0	1.747	0.0	0.0	1.804	0.0	0.0	2.097	0.0
240	13088	13089	SN	1	0.0	27.757	12.682	0.0	26.748	13.028	0.0	176.304	12.904	0.0	148.472	15.357	0.0	1.585	0.0	0.0	1.811	0.0	0.0	2.003	0.0	0.0	2.242	0.0
241	13088	13089	NS	1	0.0	219.012	5.071	0.0	25.733	5.986	0.0	224.888	0.865	0.0	20.483	1.333	0.0	1.375	0.0	0.0	1.747	0.0	0.0	1.805	0.0	0.0	2.097	0.0
242	13088	13089	NS	1	0.0	96.248	5.074	0.0	25.733	5.981	0.0	196.72	0.867	0.0	20.488	1.335	0.0	1.375	0.0	0.0	1.747	0.0	0.0	1.804	0.0	0.0	2.097	0.0
243	13088	13089	SN	1	0.0	27.757	12.682	0.0	26.748	13.028	0.0	176.304	12.904	0.0	148.472	15.357	0.0	1.585	0.0	0.0	1.811	0.0	0.0	2.003	0.0	0.0	2.242	0.0
244	13088	13089	NS	1	0.0	40.417	11.798	0.0	29.61	12.439	0.0	132.539	7.535	0.0	12.811	8.613	0.0	1.39	0.0	0.0	1.744	0.0	0.0	1.803	0.0	0.0	2.103	0.0
245	13088	13089	NS	1	0.0	270.547	11.534	0.0	29.61	13.051	0.0	261.579	7.14	0.0	39.079	9.607	0.0	1.39	0.0	0.0	1.745	0.0	0.0	1.803	0.0	0.0	2.104	0.0
246	13088	13089	NS	1	0.0	40.417	11.534	0.0	29.61	13.062	0.0	132.539	7.133	0.0	38.164	9.635	0.0	1.39	0.0	0.0	1.744	0.0	0.0	1.803	0.0	0.0	2.103	0.0
247	13088	13089	SN	1	0.0	22.352	6.922	0.0	23.748	8.716	0.0	186.936	4.205	0.0	144.849	5.854	0.0	1.568	0.0	0.0	1.812	0.0	0.0	2.058	0.0	0.0	2.238	0.0
248	13088	13089	SN	1	0.0	22.352	6.922	0.0	23.748	8.716	0.0	186.936	4.205	0.0	144.849	5.854	0.0	1.568	0.0	0.0	1.812	0.0	0.0	2.058	0.0	0.0	2.238	0.0
249	13089	13090	NS	1	0.0	158.264	5.134	0.0	25.716	6.147	0.0	128.447	0.885	0.0	20.847	1.394	0.0	1.375	0.0	0.0	1.743	0.0	0.0	1.805	0.0	0.0	2.097	0.0
250	13089	13090	NS	1	0.0	94.458	11.657	0.0	29.61	13.169	0.0	132.594	7.322	0.0	39.388	9.815	0.0	1.39	0.0	0.0	1.745	0.0	0.0	1.804	0.0	0.0	2.097	0.0
251	13089	13090	SN	1	0.0	27.735	12.62	0.0	180.945	13.017	0.0	159.99	12.89	0.0	129.004	15.28	0.0	1.592	0.0	0.0	1.814	0.0	0.0	2.04	0.0	0.0	2.263	0.0
252	13089	13090	SN	1	0.0	22.336	7.163	0.0	218.488	8.756	0.0	169.454	4.572	0.0	225.671	5.915	0.0	1.602	0.0	0.0	1.812	0.0	0.0	2.047	0.0	0.0	2.259	0.0
253	13089	13090	NS	1	0.0	94.458	11.657	0.0	29.61	13.169	0.0	132.594	7.315	0.0	39.394	9.822	0.0	1.39	0.0	0.0	1.745	0.0	0.0	1.804	0.0	0.0	2.097	0.0

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



254	13089	13090	SN	1	0.0	22.336	6.926	0.0	218.488	8.676	0.0	169.454	4.168	0.0	225.671	5.796	0.0	1.602	0.0	0.0	1.812	0.0	0.0	2.072	0.0	0.0	2.259	0.0
255	13089	13090	SN	1	0.0	27.735	12.62	0.0	180.945	13.017	0.0	159.99	12.89	0.0	129.004	15.28	0.0	1.592	0.0	0.0	1.814	0.0	0.0	2.04	0.0	0.0	2.263	0.0
256	13089	13090	NS	1	0.0	94.458	12.081	0.0	29.61	12.281	0.0	132.594	8.135	0.0	12.795	8.445	0.0	1.39	0.0	0.0	1.745	0.0	0.0	1.804	0.0	0.0	2.097	0.0
257	13089	13090	NS	1	0.0	158.264	5.134	0.0	25.716	6.147	0.0	128.447	0.885	0.0	20.841	1.394	0.0	1.375	0.0	0.0	1.743	0.0	0.0	1.805	0.0	0.0	2.097	0.0
258	13089	13090	NS	1	0.0	158.264	5.353	0.0	25.716	6.22	0.0	128.447	1.006	0.0	10.837	1.308	0.0	1.375	0.0	0.0	1.743	0.0	0.0	1.805	0.0	0.0	2.097	0.0
259	13089	13090	SN	1	0.0	27.735	12.698	0.0	180.945	12.393	0.0	159.99	13.637	0.0	15.652	14.412	0.0	1.592	0.0	0.0	1.814	0.0	0.0	1.994	0.0	0.0	2.263	0.0
260	13089	13090	SN	1	0.0	22.336	6.926	0.0	218.488	8.676	0.0	169.454	4.168	0.0	225.671	5.794	0.0	1.602	0.0	0.0	1.812	0.0	0.0	2.072	0.0	0.0	2.259	0.0
261	13090	13091	NS	1	0.0	100.762	5.1	0.0	25.739	6.134	0.0	123.897	0.855	0.0	21.26	1.374	0.0	1.376	0.0	0.0	1.75	0.0	0.0	1.806	0.0	0.0	2.096	0.0
262	13090	13091	NS	1	0.0	166.236	11.602	0.0	30.211	13.049	0.0	354.568	7.252	0.0	40.568	9.545	0.0	1.391	0.0	0.0	1.745	0.0	0.0	1.804	0.0	0.0	2.097	0.0
263	13090	13091	NS	1	0.0	100.812	11.591	0.0	30.206	13.039	0.0	354.562	7.26	0.0	40.557	9.545	0.0	1.391	0.0	0.0	1.745	0.0	0.0	1.804	0.0	0.0	2.098	0.0
264	13090	13091	NS	1	0.0	166.192	5.109	0.0	25.733	6.121	0.0	203.082	0.85	0.0	21.266	1.37	0.0	1.376	0.0	0.0	1.749	0.0	0.0	1.806	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