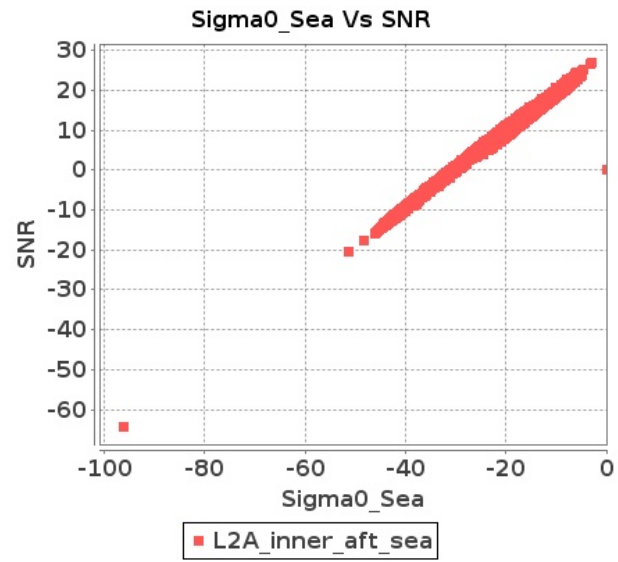


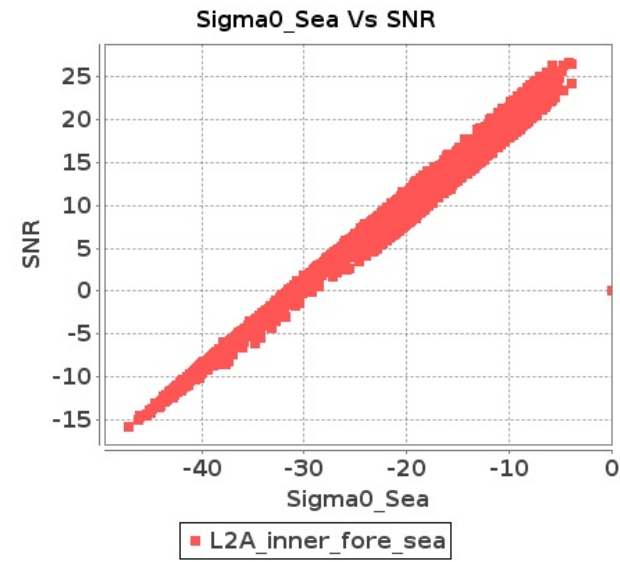
# SCATSAT-1 Scatterometer Level-2A Data Quality Cycle wise Report

Report between 29-APR-2019 To 30-APR-2019

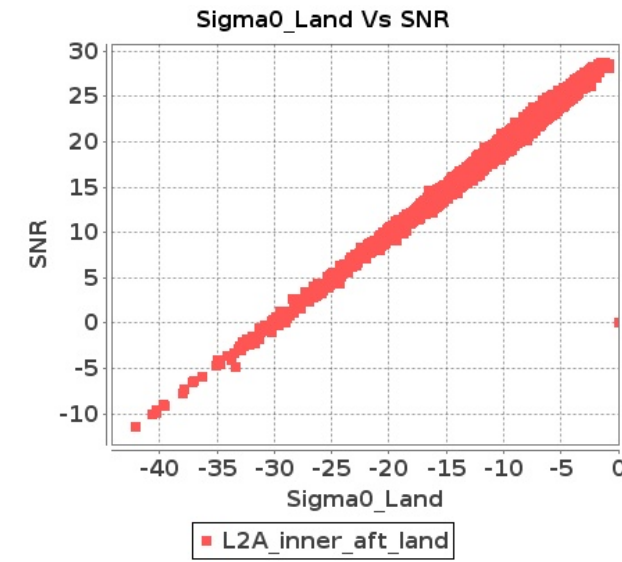
### Inner Sea Aft Sigma0VsSNR



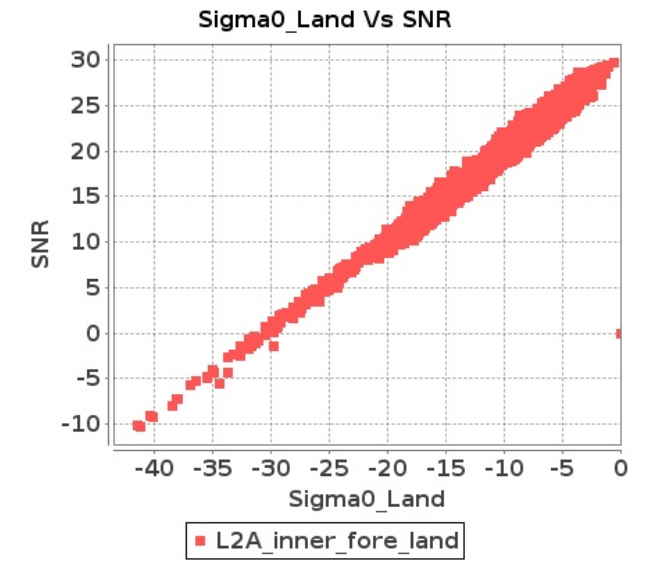
### Inner Sea Fore Sigma0VsSNR



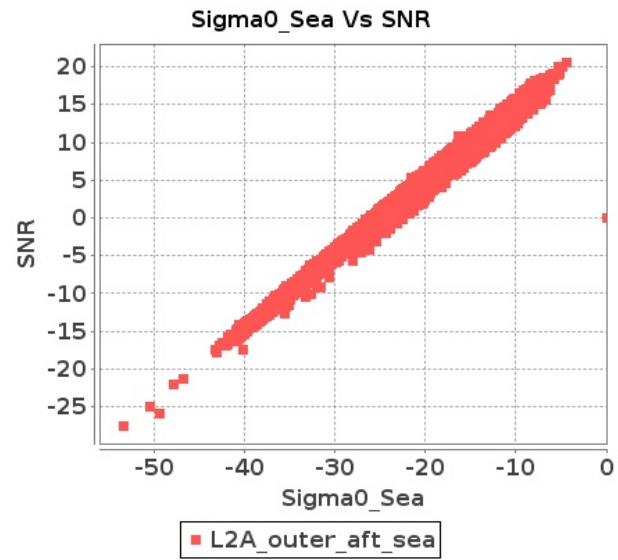
### Inner Land Aft Sigma0VsSNR



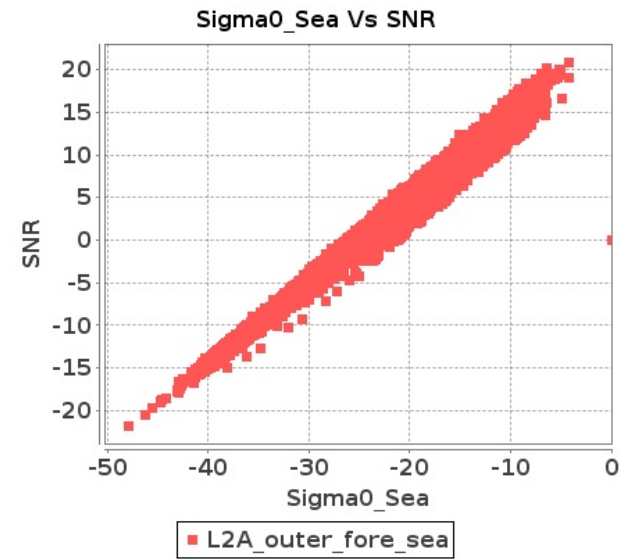
### Inner Land Fore Sigma0VsSNR



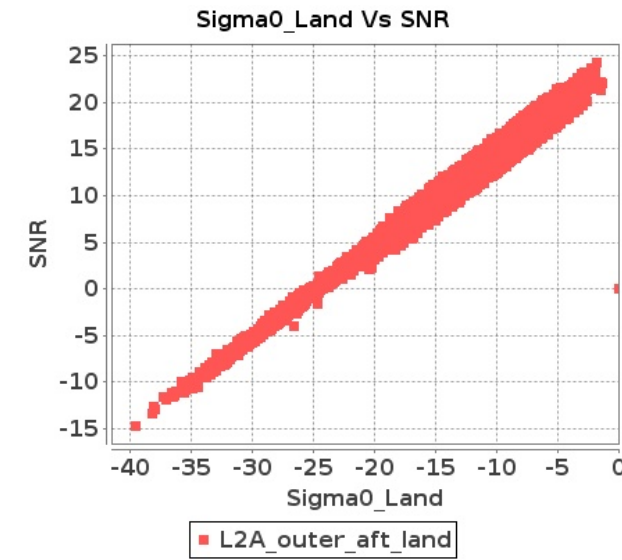
### Outer Sea Aft Sigma0VsSNR



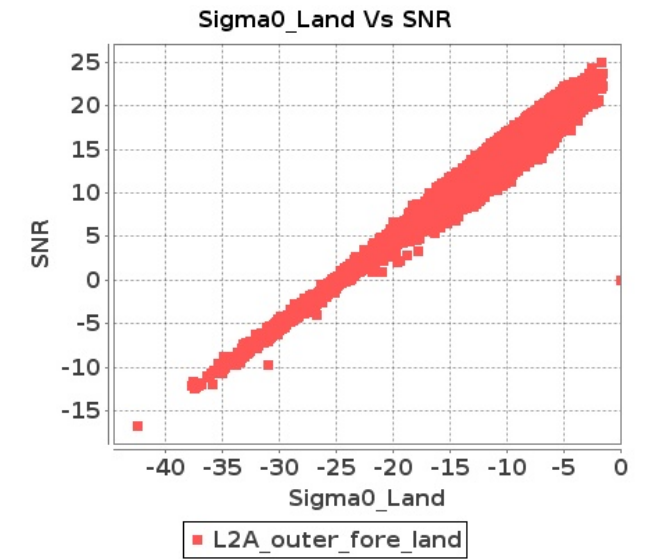
### Outer Sea Fore Sigma0VsSNR



### Outer Land Aft Sigma0VsSNR



### Outer Land Fore Sigma0VsSNR



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

Report between 29-APR-2019 To 30-APR-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	13699	13700	SN	1	0.0	47.126	2.885	0.0	50.899	2.728	0.0	40.36	2.996	0.0	39.068	3.195	0.0	46.852	2.854	0.0	51.956	2.657	0.0	41.354	2.932	0.0	40.57	2.775
2	13699	13700	SN	1	0.0	48.497	2.864	0.0	51.062	2.749	0.0	44.65	2.989	0.0	44.919	3.238	0.0	48.223	2.875	0.0	50.341	2.667	0.0	43.765	2.875	0.0	45.058	2.796
3	13699	13700	SN	1	0.0	48.497	3.025	0.0	51.062	2.885	0.0	44.65	3.064	0.0	44.919	3.406	0.0	48.223	3.036	0.0	50.341	2.8	0.0	43.765	2.974	0.0	45.058	2.94
4	13699	13700	SN	1	0.0	42.64	0.771	0.0	45.664	0.847	0.0	42.925	0.934	0.0	38.635	1.003	0.0	42.523	0.753	0.0	42.827	0.77	0.0	39.937	0.89	0.0	38.06	0.889
5	13699	13700	SN	1	0.0	42.64	0.797	0.0	45.664	0.889	0.0	42.925	0.976	0.0	38.635	1.052	0.0	42.523	0.781	0.0	42.827	0.81	0.0	39.937	0.935	0.0	38.06	0.94
6	13699	13700	SN	1	0.0	43.468	0.774	0.0	39.568	0.829	0.0	37.603	0.936	0.0	43.113	1.019	0.0	43.311	0.767	0.0	41.079	0.756	0.0	37.012	0.881	0.0	41.505	0.891
7	13700	13701	SN	1	0.0	54.488	0.982	0.0	47.456	1.369	0.0	40.853	1.048	0.0	44.53	1.432	0.0	53.574	1.038	0.0	49.559	1.353	0.0	40.534	1.026	0.0	44.746	1.309
8	13700	13701	SN	1	0.0	54.488	0.985	0.0	47.456	1.376	0.0	40.825	1.054	0.0	44.53	1.44	0.0	53.574	1.04	0.0	49.559	1.355	0.0	40.505	1.021	0.0	44.746	1.32
9	13700	13701	SN	1	0.0	51.101	3.847	0.0	47.221	4.527	0.0	41.033	3.154	0.0	45.862	4.0	0.0	52.944	4.012	0.0	49.71	4.465	0.0	39.474	3.154	0.0	47.11	3.639
10	13700	13701	NS	1	0.0	55.689	1.665	0.0	45.151	1.932	0.0	45.483	1.539	0.0	41.737	2.137	0.0	55.379	1.624	0.0	44.154	1.794	0.0	44.56	1.495	0.0	43.89	1.843
11	13700	13701	SN	1	0.0	51.101	3.847	0.0	46.186	4.527	0.0	50.279	3.154	0.0	45.862	4.008	0.0	52.944	4.012	0.0	48.935	4.434	0.0	51.975	3.168	0.0	47.11	3.668
12	13700	13701	SN	1	0.0	51.101	3.908	0.0	46.186	4.598	0.0	50.279	3.197	0.0	45.862	4.078	0.0	52.944	4.076	0.0	48.935	4.504	0.0	51.975	3.219	0.0	47.11	3.726
13	13700	13701	NS	1	0.0	53.789	5.19	0.0	57.49	5.875	0.0	51.02	5.091	0.0	51.085	6.327	0.0	54.904	5.13	0.0	56.494	5.49	0.0	49.842	4.984	0.0	52.689	5.823
14	13700	13701	SN	1	0.0	54.488	0.998	0.0	47.456	1.393	0.0	40.853	1.069	0.0	44.53	1.453	0.0	53.574	1.054	0.0	49.559	1.377	0.0	40.534	1.046	0.0	44.746	1.334
15	13701	13702	SN	1	0.0	41.534	0.86	0.0	42.652	1.24	0.0	35.45	1.033	0.0	40.92	1.59	0.0	41.503	0.85	0.0	44.862	1.107	0.0	36.178	0.979	0.0	42.57	1.28
16	13701	13702	NS	1	0.0	48.064	0.497	0.0	44.072	0.674	0.0	36.893	0.644	0.0	46.916	1.096	0.0	49.846	0.473	0.0	40.29	0.586	0.0	34.298	0.614	0.0	42.06	0.875
17	13701	13702	NS	1	0.0	36.732	1.793	0.0	43.741	2.56	0.0	42.355	2.228	0.0	45.578	3.308	0.0	36.339	1.763	0.0	43.964	2.276	0.0	41.138	2.179	0.0	42.206	2.803
18	13701	13702	NS	1	0.0	40.262	0.457	0.0	41.257	0.757	0.0	36.18	0.667	0.0	47.433	1.062	0.0	40.524	0.457	0.0	37.335	0.633	0.0	37.853	0.601	0.0	46.42	0.858
19	13701	13702	SN	1	0.0	45.041	2.49	0.0	51.382	3.4	0.0	42.935	2.986	0.0	46.246	4.561	0.0	44.921	2.48	0.0	50.849	2.985	0.0	40.77	2.77	0.0	47.951	3.951
20	13701	13702	SN	1	0.0	41.535	0.842	0.0	44.26	1.233	0.0	36.744	1.021	0.0	40.918	1.568	0.0	41.502	0.83	0.0	45.276	1.094	0.0	36.463	0.972	0.0	42.568	1.258
21	13701	13702	NS	1	0.0	39.733	1.732	0.0	44.756	2.492	0.0	40.791	2.1	0.0	45.814	3.241	0.0	40.039	1.711	0.0	44.707	2.107	0.0	38.615	1.972	0.0	45.354	2.716
22	13701	13702	SN	1	0.0	45.041	2.48	0.0	51.382	3.4	0.0	42.937	3.015	0.0	46.248	4.554	0.0	44.916	2.47	0.0	50.849	2.985	0.0	40.77	2.791	0.0	47.927	3.966
23	13701	13702	SN	1	0.0	41.535	0.857	0.0	42.714	1.245	0.0	35.45	1.028	0.0	40.918	1.586	0.0	41.502	0.844	0.0	45.276	1.107	0.0	35.675	0.985	0.0	42.568	1.275
24	13701	13702	SN	1	0.0	42.513	2.428	0.0	51.382	3.356	0.0	42.935	2.932	0.0	46.246	4.502	0.0	42.33	2.438	0.0	50.849	2.957	0.0	40.77	2.718	0.0	47.951	3.9
25	13702	13703	NS	1	0.0	51.679	3.403	0.0	49.393	4.524	0.0	43.202	4.682	0.0	49.485	5.651	0.0	52.917	3.433	0.0	49.859	4.554	0.0	45.587	4.895	0.0	47.734	5.693
26	13702	13703	SN	1	0.0	40.511	2.723	0.0	43.138	3.442	0.0	41.757	3.04	0.0	41.5	4.098	0.0	40.68	2.702	0.0	44.885	3.256	0.0	40.877	3.069	0.0	37.455	3.429
27	13702	13703	SN	1	0.0	36.925	0.653	0.0	40.176	0.982	0.0	37.758	1.045	0.0	39.828	1.35	0.0	37.555	0.641	0.0	38.047	0.85	0.0	37.19	0.976	0.0	36.052	1.13
28	13702	13703	NS	1	0.0	44.84	1.411	0.0	47.991	1.837	0.0	39.28	1.577	0.0	46.104	1.909	0.0	43.79	1.429	0.0	45.849	1.873	0.0	40.029	1.602	0.0	42.727	1.915
29	13702	13703	SN	1	0.0	40.511	2.66	0.0	43.138	3.391	0.0	38.902	3.023	0.0	41.5	4.053	0.0	40.68	2.64	0.0	44.885	3.208	0.0	38.858	3.03	0.0	37.455	3.475
30	13702	13703	SN	1	0.0	39.368	0.638	0.0	40.176	0.97	0.0	37.758	1.019	0.0	39.828	1.345	0.0	40.0	0.626	0.0	38.047	0.836	0.0	35.73	0.952	0.0	36.052	1.128
31	13703	13704	SN	1	0.0	43.263	0.586	0.0	40.194	0.841	0.0	35.635	0.871	0.0	38.602	1.458	0.0	42.419	0.559	0.0	39.923	0.69	0.0	35.148	0.803	0.0	36.821	1.127

Parameter Specifications	Parameters	SNR	Sigma0	<span style="color: green;">■</span> Normal	<span style="color: yellow;">■</span> Deviations
	Range	20.0	20.0	<span style="color: orange;">■</span> Alarming	<span style="color: red;">■</span> High Errors

32	13703	13704	SN	1	0.0	43.263	0.602	0.0	40.194	0.866	0.0	35.635	0.888	0.0	38.602	1.486	0.0	42.419	0.581	0.0	39.923	0.708	0.0	35.148	0.831	0.0	36.821	1.149
33	13703	13704	SN	1	0.0	39.978	0.557	0.0	37.346	0.827	0.0	38.794	0.912	0.0	35.717	1.476	0.0	41.246	0.559	0.0	35.887	0.681	0.0	36.753	0.819	0.0	37.355	1.14
34	13703	13704	NS	1	0.0	45.519	4.167	0.0	54.397	5.063	0.0	48.109	4.356	0.0	49.962	5.402	0.0	46.78	4.197	0.0	52.027	5.043	0.0	49.529	4.341	0.0	48.867	5.132
35	13703	13704	SN	1	0.0	38.694	2.188	0.0	43.714	2.548	0.0	41.76	2.583	0.0	39.616	3.668	0.0	38.288	2.177	0.0	42.045	2.17	0.0	41.092	2.341	0.0	36.521	3.131
36	13703	13704	SN	1	0.0	38.694	2.253	0.0	43.714	2.633	0.0	41.76	2.648	0.0	38.019	3.731	0.0	38.288	2.243	0.0	42.045	2.243	0.0	41.092	2.406	0.0	36.521	3.178
37	13703	13704	NS	1	0.0	56.235	1.218	0.0	48.109	1.682	0.0	40.985	1.182	0.0	45.23	1.58	0.0	56.806	1.211	0.0	44.891	1.628	0.0	41.076	1.202	0.0	46.407	1.484
38	13704	13705	SN	1	0.0	43.644	0.916	0.0	44.015	1.306	0.0	38.763	1.093	0.0	39.17	1.569	0.0	42.764	0.892	0.0	45.65	1.191	0.0	39.719	1.015	0.0	35.365	1.344
39	13704	13705	SN	1	0.0	47.723	3.412	0.0	48.543	4.373	0.0	41.474	3.257	0.0	38.629	4.355	0.0	49.177	3.33	0.0	47.558	3.973	0.0	41.366	2.923	0.0	36.788	3.916
40	13704	13705	NS	1	0.0	43.4	1.447	0.0	46.704	1.782	0.0	43.307	1.363	0.0	44.289	1.873	0.0	45.681	1.415	0.0	44.697	1.68	0.0	43.971	1.275	0.0	42.343	1.569
41	13704	13705	NS	1	0.0	49.861	5.179	0.0	48.975	6.222	0.0	46.003	4.702	0.0	46.605	6.135	0.0	50.825	5.108	0.0	49.616	5.916	0.0	48.762	4.553	0.0	43.654	5.221
42	13704	13705	SN	1	0.0	43.644	0.875	0.0	44.015	1.25	0.0	38.763	1.054	0.0	39.17	1.511	0.0	42.764	0.85	0.0	45.65	1.14	0.0	39.719	0.98	0.0	35.365	1.285
43	13704	13705	SN	1	0.0	47.773	3.537	0.0	48.543	4.562	0.0	42.207	3.433	0.0	37.829	4.495	0.0	49.177	3.473	0.0	47.558	4.143	0.0	42.1	3.083	0.0	36.018	4.066
44	13705	13706	SN	1	0.0	54.307	4.003	0.0	50.135	5.132	0.0	42.116	4.058	0.0	45.177	4.947	0.0	55.742	4.097	0.0	50.093	4.857	0.0	45.116	3.962	0.0	45.649	4.516
45	13705	13706	NS	1	0.0	45.381	1.88	0.0	48.146	2.531	0.0	42.171	1.953	0.0	47.465	2.851	0.0	45.055	1.885	0.0	52.08	2.438	0.0	40.361	1.885	0.0	46.636	2.55
46	13705	13706	NS	1	0.0	46.285	6.569	0.0	49.988	8.699	0.0	44.062	6.27	0.0	42.957	8.574	0.0	45.424	6.721	0.0	50.527	8.516	0.0	45.058	6.185	0.0	44.205	8.197
47	13705	13706	SN	1	0.0	54.307	3.884	0.0	50.135	4.977	0.0	42.116	3.951	0.0	45.177	4.841	0.0	55.742	3.976	0.0	50.093	4.72	0.0	45.116	3.852	0.0	45.649	4.424
48	13705	13706	SN	1	0.0	53.336	1.204	0.0	46.223	1.568	0.0	41.616	1.106	0.0	45.008	1.544	0.0	54.79	1.173	0.0	43.343	1.443	0.0	43.144	1.027	0.0	43.296	1.26
49	13705	13706	SN	1	0.0	53.336	1.179	0.0	46.223	1.519	0.0	41.616	1.073	0.0	45.008	1.511	0.0	54.79	1.152	0.0	43.432	1.388	0.0	43.144	1.004	0.0	43.296	1.223
50	13706	13707	SN	1	0.0	55.591	1.978	0.0	57.892	2.583	0.0	44.076	1.555	0.0	47.926	1.987	0.0	55.607	2.008	0.0	55.908	2.402	0.0	46.631	1.498	0.0	48.237	1.734
51	13706	13707	NS	1	0.0	41.8	1.181	0.0	55.519	1.573	0.0	40.671	1.26	0.0	42.787	1.944	0.0	41.544	1.145	0.0	54.07	1.507	0.0	37.175	1.256	0.0	42.893	1.721
52	13706	13707	NS	1	0.0	56.484	4.761	0.0	45.23	6.521	0.0	42.035	4.127	0.0	42.143	5.471	0.0	57.237	4.772	0.0	44.249	6.491	0.0	43.126	4.162	0.0	41.829	5.03
53	13706	13707	SN	1	0.0	54.416	8.596	0.0	59.324	10.066	0.0	49.489	6.444	0.0	43.502	7.218	0.0	55.069	8.596	0.0	59.908	9.751	0.0	52.006	6.335	0.0	42.503	6.76
54	13707	13708	NS	1	0.0	45.607	1.281	0.0	51.702	1.897	0.0	46.203	1.158	0.0	57.715	1.865	0.0	46.794	1.29	0.0	51.985	1.816	0.0	45.637	1.086	0.0	53.253	1.624
55	13707	13708	SN	1	0.0	55.4	5.116	0.0	51.766	6.712	0.0	45.879	4.303	0.0	50.203	5.221	0.0	55.13	5.116	0.0	50.988	6.568	0.0	44.662	4.168	0.0	49.977	5.048
56	13707	13708	NS	1	0.0	50.019	4.64	0.0	50.251	5.852	0.0	49.456	3.778	0.0	48.189	5.835	0.0	51.854	4.863	0.0	50.393	5.892	0.0	48.741	3.736	0.0	45.898	5.133
57	13707	13708	SN	1	0.0	41.008	1.179	0.0	52.743	1.806	0.0	38.194	1.086	0.0	47.839	1.589	0.0	43.337	1.216	0.0	50.427	1.712	0.0	36.767	1.035	0.0	47.229	1.421
58	13707	13708	SN	1	0.0	56.094	5.116	0.0	51.766	6.691	0.0	46.885	4.303	0.0	50.437	5.257	0.0	55.824	5.126	0.0	50.988	6.578	0.0	50.389	4.153	0.0	50.211	5.033
59	13707	13708	SN	1	0.0	41.048	1.177	0.0	52.743	1.802	0.0	38.194	1.094	0.0	47.839	1.601	0.0	43.349	1.218	0.0	50.427	1.694	0.0	36.767	1.031	0.0	47.229	1.419
60	13708	13709	SN	1	0.0	43.079	3.184	0.0	49.031	3.794	0.0	41.099	3.062	0.0	43.72	3.844	0.0	44.267	3.235	0.0	49.398	3.474	0.0	39.086	3.019	0.0	41.511	3.33
61	13708	13709	NS	1	0.0	51.704	3.289	0.0	50.827	4.182	0.0	47.344	3.07	0.0	43.413	4.597	0.0	52.435	3.299	0.0	51.564	3.947	0.0	48.899	2.786	0.0	46.014	3.795
62	13708	13709	SN	1	0.0	39.428	0.914	0.0	43.205	1.055	0.0	36.348	0.998	0.0	39.589	1.479	0.0	39.445	0.905	0.0	44.23	0.965	0.0	35.806	0.913	0.0	38.979	1.184
63	13708	13709	NS	1	0.0	45.859	0.842	0.0	43.059	1.234	0.0	38.865	0.868	0.0	40.946	1.43	0.0	47.343	0.851	0.0	42.435	1.111	0.0	43.328	0.788	0.0	39.978	1.194
64	13709	13710	SN	1	0.0	52.762	5.451	0.0	54.408	6.794	0.0	45.21	5.632	0.0	50.848	6.646	0.0	52.585	5.451	0.0	54.046	6.61	0.0	47.553	5.603	0.0	54.457	6.467
65	13709	13710	SN	1	0.0	50.027	5.36	0.0	53.797	6.631	0.0	48.577	5.546	0.0	50.898	6.724	0.0	51.394	5.35	0.0	54.447	6.559	0.0	50.922	5.575	0.0	54.506	6.567
66	13709	13710	NS	1	0.0	53.761	1.559	0.0	51.311	2.759	0.0	37.385	2.248	0.0	41.58	3.057	0.0	54.03	1.549	0.0	51.365	2.372	0.0	40.002	1.986	0.0	41.219	2.487
67	13709	13710	NS	1	0.0	53.761	1.559	0.0	51.311	2.759	0.0	37.385	2.248	0.0	41.58	3.057	0.0	54.03	1.549	0.0	51.365	2.372	0.0	40.002	1.986	0.0	41.219	2.487

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

68	13709	13710	SN	1	0.0	45.404	1.401	0.0	47.901	2.042	0.0	41.645	1.523	0.0	47.301	1.967	0.0	44.744	1.424	0.0	45.882	2.008	0.0	41.335	1.502	0.0	45.131	1.924
69	13709	13710	SN	1	0.0	47.532	1.451	0.0	49.857	2.04	0.0	46.308	1.527	0.0	43.791	2.006	0.0	47.032	1.458	0.0	47.351	2.035	0.0	44.945	1.484	0.0	42.702	1.954
70	13709	13710	NS	1	0.0	44.97	0.477	0.0	50.601	0.84	0.0	37.099	0.748	0.0	39.764	1.222	0.0	46.524	0.472	0.0	48.974	0.668	0.0	39.736	0.677	0.0	41.198	0.941
71	13709	13710	NS	1	0.0	44.97	0.477	0.0	50.601	0.84	0.0	37.099	0.748	0.0	39.764	1.222	0.0	46.524	0.472	0.0	48.974	0.668	0.0	39.736	0.677	0.0	41.198	0.941
72	13710	13711	SN	1	0.0	45.16	4.844	0.0	49.407	5.047	0.0	43.206	4.373	0.0	46.91	5.091	0.0	45.176	4.803	0.0	48.307	4.803	0.0	42.916	4.181	0.0	43.877	4.813
73	13710	13711	NS	1	0.0	40.295	0.444	0.0	39.622	0.773	0.0	35.538	0.676	0.0	38.273	1.144	0.0	38.594	0.415	0.0	41.359	0.622	0.0	35.141	0.589	0.0	37.801	0.848
74	13710	13711	NS	1	0.0	38.854	0.448	0.0	39.622	0.771	0.0	35.538	0.676	0.0	38.273	1.14	0.0	37.151	0.415	0.0	41.359	0.622	0.0	35.141	0.589	0.0	37.801	0.85
75	13710	13711	NS	1	0.0	40.972	1.387	0.0	54.201	2.253	0.0	42.491	2.028	0.0	42.081	3.156	0.0	39.626	1.285	0.0	52.996	1.908	0.0	44.822	1.759	0.0	39.652	2.545
76	13710	13711	NS	1	0.0	40.972	1.397	0.0	54.201	2.263	0.0	42.491	2.042	0.0	42.081	3.178	0.0	39.626	1.285	0.0	52.996	1.908	0.0	44.822	1.766	0.0	39.652	2.545
77	13710	13711	NS	1	0.0	40.972	1.422	0.0	54.201	2.298	0.0	42.491	2.058	0.0	42.081	3.22	0.0	39.626	1.309	0.0	52.996	1.937	0.0	44.822	1.791	0.0	39.652	2.577
78	13710	13711	SN	1	0.0	45.336	1.051	0.0	40.856	1.286	0.0	38.216	1.278	0.0	47.046	1.486	0.0	45.121	1.026	0.0	40.342	1.2	0.0	38.55	1.225	0.0	46.048	1.374
79	13710	13711	SN	1	0.0	45.336	1.051	0.0	40.856	1.286	0.0	38.216	1.278	0.0	47.046	1.486	0.0	45.121	1.026	0.0	40.342	1.2	0.0	38.55	1.225	0.0	46.048	1.374
80	13710	13711	NS	1	0.0	35.463	0.445	0.0	39.622	0.792	0.0	35.538	0.683	0.0	38.273	1.166	0.0	35.81	0.427	0.0	41.359	0.636	0.0	35.141	0.598	0.0	37.801	0.865
81	13710	13711	SN	1	0.0	45.16	4.844	0.0	49.407	5.047	0.0	43.206	4.373	0.0	46.91	5.091	0.0	45.176	4.803	0.0	48.307	4.803	0.0	42.916	4.181	0.0	43.877	4.813
82	13711	13712	NS	1	0.0	41.591	0.97	0.0	41.433	1.575	0.0	36.497	1.275	0.0	45.296	1.882	0.0	40.478	0.939	0.0	43.492	1.348	0.0	37.211	1.231	0.0	41.068	1.463
83	13711	13712	NS	1	0.0	58.345	2.559	0.0	47.802	4.283	0.0	49.292	3.651	0.0	39.594	4.944	0.0	58.094	2.549	0.0	48.631	3.827	0.0	49.012	3.318	0.0	42.93	4.377
84	13711	13712	NS	1	0.0	41.591	0.932	0.0	41.433	1.497	0.0	36.497	1.228	0.0	45.296	1.782	0.0	40.478	0.901	0.0	43.492	1.283	0.0	37.211	1.169	0.0	41.068	1.392
85	13711	13712	NS	1	0.0	51.863	2.498	0.0	47.815	4.151	0.0	48.367	3.588	0.0	39.504	5.015	0.0	51.553	2.559	0.0	48.635	3.706	0.0	48.087	3.318	0.0	41.332	4.313
86	13711	13712	NS	1	0.0	40.374	0.905	0.0	43.588	1.455	0.0	35.779	1.252	0.0	42.038	1.794	0.0	41.528	0.901	0.0	45.435	1.252	0.0	36.614	1.157	0.0	38.866	1.447
87	13711	13712	SN	1	0.0	46.396	2.461	0.0	44.908	3.637	0.0	44.17	4.113	0.0	47.544	5.819	0.0	47.127	2.451	0.0	44.223	3.127	0.0	40.757	4.07	0.0	42.463	5.412
88	13711	13712	SN	1	0.0	35.389	0.928	0.0	44.957	1.32	0.0	47.85	1.32	0.0	39.741	2.018	0.0	35.649	0.93	0.0	46.186	1.205	0.0	45.828	1.327	0.0	37.481	1.782
89	13711	13712	NS	1	0.0	51.863	2.667	0.0	47.815	4.371	0.0	48.367	3.77	0.0	39.504	5.278	0.0	51.553	2.72	0.0	48.635	3.914	0.0	48.087	3.465	0.0	41.332	4.518
90	13712	13713	NS	1	0.0	41.32	3.811	0.0	47.774	4.192	0.0	41.361	4.054	0.0	42.527	5.286	0.0	41.806	3.655	0.0	48.0	3.675	0.0	40.416	3.905	0.0	42.835	4.474
91	13712	13713	NS	1	0.0	40.878	3.456	0.0	47.774	3.841	0.0	41.361	3.639	0.0	42.527	5.169	0.0	41.461	3.294	0.0	48.0	3.393	0.0	40.416	3.519	0.0	42.835	4.434
92	13712	13713	NS	1	0.0	40.417	3.486	0.0	47.498	3.862	0.0	37.966	3.661	0.0	45.514	5.133	0.0	41.618	3.344	0.0	47.726	3.393	0.0	39.036	3.547	0.0	42.223	4.47
93	13712	13713	SN	1	0.0	40.909	1.359	0.0	38.537	1.687	0.0	39.394	1.558	0.0	38.426	2.375	0.0	39.63	1.396	0.0	35.923	1.66	0.0	39.157	1.508	0.0	37.902	2.115
94	13712	13713	SN	1	0.0	41.15	1.353	0.0	38.537	1.694	0.0	39.394	1.547	0.0	38.426	2.422	0.0	39.63	1.389	0.0	35.923	1.665	0.0	39.157	1.492	0.0	37.902	2.149
95	13712	13713	SN	1	0.0	44.563	4.449	0.0	49.475	5.691	0.0	38.557	4.518	0.0	36.792	6.669	0.0	43.489	4.52	0.0	51.079	5.374	0.0	38.641	4.525	0.0	35.077	6.304
96	13712	13713	SN	1	0.0	44.563	4.469	0.0	49.475	5.681	0.0	40.98	4.518	0.0	39.594	6.648	0.0	43.489	4.551	0.0	51.079	5.374	0.0	38.727	4.49	0.0	35.441	6.282
97	13712	13713	NS	1	0.0	42.436	1.19	0.0	62.819	1.517	0.0	42.064	1.276	0.0	39.25	1.817	0.0	42.222	1.175	0.0	62.223	1.422	0.0	39.439	1.131	0.0	41.283	1.392
98	13712	13713	NS	1	0.0	42.59	1.085	0.0	59.162	1.404	0.0	42.064	1.152	0.0	39.25	1.762	0.0	42.377	1.074	0.0	58.567	1.315	0.0	39.439	1.005	0.0	40.125	1.388
99	13712	13713	NS	1	0.0	42.385	1.081	0.0	56.329	1.393	0.0	40.412	1.19	0.0	46.939	1.732	0.0	42.172	1.067	0.0	55.734	1.32	0.0	37.944	1.04	0.0	41.557	1.37
100	13713	13714	NS	1	0.0	48.557	1.061	0.0	46.565	1.398	0.0	42.413	1.107	0.0	40.706	1.695	0.0	47.042	1.029	0.0	49.49	1.24	0.0	44.906	1.084	0.0	38.385	1.402
101	13713	13714	NS	1	0.0	47.446	3.63	0.0	50.853	4.833	0.0	47.89	3.834	0.0	51.644	5.395	0.0	48.627	3.661	0.0	50.834	4.661	0.0	47.881	3.834	0.0	50.977	4.548
102	13713	13714	SN	1	0.0	41.989	0.672	0.0	51.851	0.882	0.0	39.651	0.842	0.0	40.323	1.041	0.0	42.207	0.688	0.0	51.287	0.793	0.0	38.762	0.789	0.0	39.795	0.924
103	13713	13714	SN	1	0.0	41.989	0.649	0.0	51.851	0.854	0.0	39.651	0.847	0.0	40.323	1.057	0.0	42.207	0.683	0.0	51.287	0.779	0.0	38.762	0.782	0.0	39.795	0.915

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		



104	13713	13714	SN	1	0.0	43.922	2.36	0.0	45.596	2.882	0.0	49.408	2.756	0.0	45.683	3.403	0.0	44.948	2.452	0.0	47.339	2.567	0.0	48.661	2.677	0.0	49.153	2.939
105	13713	13714	NS	1	0.0	48.557	1.052	0.0	46.565	1.392	0.0	43.068	1.1	0.0	41.331	1.697	0.0	47.042	1.02	0.0	49.49	1.235	0.0	44.906	1.065	0.0	39.008	1.397
106	13713	13714	NS	1	0.0	47.363	3.62	0.0	51.065	4.803	0.0	47.994	3.799	0.0	51.644	5.374	0.0	48.542	3.651	0.0	51.046	4.651	0.0	47.987	3.799	0.0	50.975	4.534
107	13713	13714	NS	1	0.0	47.446	3.971	0.0	50.853	5.501	0.0	47.89	4.309	0.0	51.644	6.162	0.0	48.627	3.994	0.0	50.834	5.275	0.0	47.881	4.285	0.0	50.977	5.125
108	13713	13714	SN	1	0.0	46.121	2.35	0.0	45.658	2.872	0.0	44.532	2.699	0.0	44.433	3.36	0.0	45.058	2.401	0.0	47.339	2.557	0.0	43.984	2.635	0.0	47.904	2.925
109	13713	13714	SN	1	0.0	41.989	0.735	0.0	51.851	0.949	0.0	39.651	0.905	0.0	42.495	1.12	0.0	42.207	0.749	0.0	51.287	0.859	0.0	38.762	0.842	0.0	39.874	0.999
110	13713	13714	NS	1	0.0	48.557	1.169	0.0	46.565	1.581	0.0	43.068	1.235	0.0	41.331	1.943	0.0	47.042	1.13	0.0	49.49	1.403	0.0	44.906	1.21	0.0	39.008	1.598
111	13714	13715	NS	1	0.0	51.398	2.288	0.0	48.113	2.927	0.0	49.631	1.995	0.0	47.952	2.607	0.0	51.3	2.348	0.0	48.744	2.833	0.0	50.918	1.913	0.0	46.189	2.258
112	13714	13715	SN	1	0.0	45.394	0.809	0.0	46.356	1.122	0.0	44.382	0.662	0.0	41.494	0.898	0.0	44.72	0.814	0.0	46.948	1.054	0.0	44.644	0.626	0.0	41.929	0.787
113	13714	13715	SN	1	0.0	53.699	4.01	0.0	55.619	4.651	0.0	42.122	2.897	0.0	41.333	3.419	0.0	53.434	4.062	0.0	55.908	4.349	0.0	41.884	2.7	0.0	42.552	2.988
114	13714	13715	SN	1	0.0	45.895	0.812	0.0	45.408	1.117	0.0	47.928	0.672	0.0	41.306	0.921	0.0	47.1	0.812	0.0	46.948	1.06	0.0	47.027	0.633	0.0	40.751	0.787
115	13714	13715	NS	1	0.0	53.904	9.02	0.0	53.817	10.097	0.0	46.244	7.085	0.0	47.236	8.501	0.0	53.863	9.071	0.0	56.942	9.814	0.0	46.429	7.078	0.0	46.958	8.018
116	13714	13715	SN	1	0.0	53.699	3.924	0.0	55.619	4.555	0.0	47.928	2.818	0.0	41.333	3.333	0.0	53.434	3.974	0.0	55.908	4.249	0.0	46.935	2.633	0.0	42.552	2.919
117	13714	13715	SN	1	0.0	51.379	3.903	0.0	52.179	4.585	0.0	41.887	2.74	0.0	39.371	3.268	0.0	52.006	3.995	0.0	52.467	4.249	0.0	41.788	2.526	0.0	38.423	2.912
118	13714	13715	SN	1	0.0	45.632	0.827	0.0	45.408	1.145	0.0	43.447	0.684	0.0	41.306	0.944	0.0	44.961	0.83	0.0	46.948	1.089	0.0	43.709	0.651	0.0	40.751	0.803
119	13715	13716	SN	1	0.0	52.272	0.577	0.0	43.72	0.794	0.0	40.471	0.728	0.0	38.118	1.172	0.0	52.857	0.542	0.0	44.662	0.697	0.0	41.097	0.662	0.0	36.138	0.919
120	13715	13716	NS	1	0.0	45.938	3.733	0.0	60.229	5.03	0.0	44.688	3.692	0.0	50.599	4.965	0.0	46.577	3.744	0.0	59.767	5.02	0.0	45.856	3.706	0.0	51.221	4.795
121	13715	13716	NS	1	0.0	47.856	3.856	0.0	58.3	4.922	0.0	45.265	3.837	0.0	49.612	4.927	0.0	48.136	3.785	0.0	58.447	5.034	0.0	42.917	3.901	0.0	47.021	4.799
122	13715	13716	NS	1	0.0	48.56	1.025	0.0	48.865	1.5	0.0	41.325	1.208	0.0	52.833	1.695	0.0	49.849	1.043	0.0	49.49	1.498	0.0	41.167	1.197	0.0	52.454	1.583
123	13715	13716	NS	1	0.0	49.304	1.046	0.0	51.173	1.556	0.0	39.252	1.216	0.0	45.615	1.665	0.0	49.849	1.05	0.0	50.077	1.493	0.0	41.361	1.209	0.0	43.731	1.637
124	13715	13716	SN	1	0.0	49.558	0.563	0.0	42.573	0.798	0.0	37.425	0.736	0.0	38.904	1.16	0.0	50.142	0.524	0.0	44.12	0.682	0.0	36.703	0.665	0.0	36.424	0.878
125	13715	13716	SN	1	0.0	43.058	1.844	0.0	47.869	2.393	0.0	44.145	2.207	0.0	46.735	3.078	0.0	42.235	1.813	0.0	45.139	2.056	0.0	41.887	2.127	0.0	47.165	2.517
126	13715	13716	SN	1	0.0	43.366	1.895	0.0	45.841	2.404	0.0	40.879	2.228	0.0	43.757	3.078	0.0	42.54	1.834	0.0	43.11	2.003	0.0	44.767	2.106	0.0	46.407	2.465
127	13715	13716	SN	1	0.0	49.558	0.57	0.0	42.573	0.808	0.0	43.177	0.748	0.0	38.904	1.168	0.0	50.142	0.531	0.0	44.12	0.69	0.0	40.19	0.674	0.0	36.424	0.886
128	13715	13716	SN	1	0.0	43.366	1.87	0.0	45.841	2.372	0.0	40.879	2.205	0.0	43.757	3.03	0.0	42.54	1.809	0.0	43.11	1.977	0.0	44.767	2.084	0.0	46.407	2.433
129	13716	13717	SN	1	0.0	36.39	0.758	0.0	41.893	1.122	0.0	36.127	1.115	0.0	36.457	1.407	0.0	37.254	0.749	0.0	45.521	1.055	0.0	37.916	1.048	0.0	38.201	1.156
130	13716	13717	SN	1	0.0	44.894	2.639	0.0	38.748	3.928	0.0	41.494	3.222	0.0	37.818	3.796	0.0	44.877	2.629	0.0	38.178	3.546	0.0	40.529	3.128	0.0	37.093	3.455
131	13716	13717	SN	1	0.0	44.894	2.6	0.0	38.748	3.868	0.0	41.494	3.173	0.0	37.818	3.737	0.0	44.877	2.59	0.0	38.191	3.491	0.0	40.529	3.08	0.0	37.093	3.402
132	13716	13717	NS	1	0.0	43.183	2.451	0.0	48.191	2.86	0.0	40.552	2.383	0.0	42.674	3.803	0.0	43.029	2.39	0.0	48.598	2.465	0.0	41.377	2.255	0.0	41.55	3.021
133	13716	13717	SN	1	0.0	36.39	0.746	0.0	41.893	1.106	0.0	36.127	1.098	0.0	36.457	1.387	0.0	37.254	0.737	0.0	45.521	1.041	0.0	37.916	1.032	0.0	38.201	1.14
134	13716	13717	NS	1	0.0	38.101	0.651	0.0	40.815	0.823	0.0	37.574	0.855	0.0	40.055	1.345	0.0	38.238	0.615	0.0	40.741	0.712	0.0	36.654	0.779	0.0	38.457	1.124
135	13717	13718	NS	1	0.0	50.024	1.088	0.0	45.921	1.619	0.0	42.193	1.151	0.0	39.314	1.507	0.0	50.995	1.122	0.0	47.103	1.497	0.0	40.277	1.142	0.0	40.762	1.315
136	13717	13718	SN	1	0.0	40.439	0.716	0.0	43.938	0.988	0.0	38.709	0.998	0.0	36.74	1.785	0.0	38.966	0.694	0.0	42.631	0.897	0.0	35.918	0.946	0.0	36.682	1.511
137	13717	13718	NS	1	0.0	53.11	4.365	0.0	53.73	5.408	0.0	46.942	4.023	0.0	45.74	4.984	0.0	53.711	4.446	0.0	55.2	5.103	0.0	45.972	3.881	0.0	45.17	4.437
138	13717	13718	NS	1	0.0	54.53	1.101	0.0	48.237	1.61	0.0	41.404	1.204	0.0	47.086	1.508	0.0	55.507	1.135	0.0	47.574	1.472	0.0	37.96	1.167	0.0	44.336	1.326
139	13717	13718	SN	1	0.0	36.356	2.259	0.0	36.543	3.165	0.0	42.459	3.15	0.0	41.17	4.777	0.0	37.128	2.197	0.0	35.573	2.881	0.0	40.215	3.018	0.0	38.06	4.379

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

140	13717	13718	NS	1	0.0	60.887	4.283	0.0	56.664	5.438	0.0	48.591	4.03	0.0	45.513	4.998	0.0	61.19	4.436	0.0	58.413	5.174	0.0	47.624	3.931	0.0	45.708	4.316
141	13717	13718	SN	1	0.0	40.439	0.736	0.0	43.938	1.012	0.0	38.709	1.012	0.0	36.74	1.804	0.0	38.966	0.711	0.0	42.631	0.92	0.0	35.918	0.959	0.0	36.682	1.536
142	13717	13718	SN	1	0.0	36.356	2.196	0.0	36.543	3.092	0.0	42.459	3.094	0.0	41.17	4.651	0.0	37.128	2.135	0.0	35.573	2.814	0.0	40.215	2.973	0.0	38.06	4.262
143	13718	13719	NS	1	0.0	49.569	4.479	0.0	49.136	4.918	0.0	44.417	4.385	0.0	44.107	5.368	0.0	51.373	4.53	0.0	49.779	4.624	0.0	43.154	4.328	0.0	44.516	4.905
144	13718	13719	SN	1	0.0	48.206	3.525	0.0	46.63	4.609	0.0	43.304	3.018	0.0	39.147	4.089	0.0	46.943	3.475	0.0	44.501	4.168	0.0	44.035	2.833	0.0	37.879	3.657
145	13718	13719	NS	1	0.0	49.755	4.52	0.0	49.136	4.958	0.0	46.424	4.385	0.0	44.091	5.389	0.0	51.559	4.55	0.0	49.779	4.674	0.0	45.16	4.193	0.0	44.286	4.849
146	13718	13719	SN	1	0.0	48.206	3.525	0.0	46.63	4.609	0.0	43.304	3.018	0.0	39.147	4.081	0.0	46.943	3.475	0.0	44.501	4.168	0.0	44.035	2.833	0.0	37.879	3.657
147	13718	13719	SN	1	0.0	35.733	0.862	0.0	38.907	1.176	0.0	37.767	0.945	0.0	38.738	1.459	0.0	35.452	0.84	0.0	37.732	1.052	0.0	37.426	0.897	0.0	36.905	1.251
148	13718	13719	SN	1	0.0	48.206	3.655	0.0	46.63	4.76	0.0	45.146	3.131	0.0	39.147	4.19	0.0	46.943	3.602	0.0	44.501	4.313	0.0	45.878	2.939	0.0	37.879	3.787
149	13718	13719	SN	1	0.0	37.345	0.899	0.0	38.907	1.213	0.0	37.92	0.964	0.0	38.738	1.488	0.0	38.427	0.873	0.0	37.732	1.081	0.0	37.08	0.925	0.0	36.905	1.274
150	13718	13719	NS	1	0.0	51.286	1.356	0.0	43.37	1.501	0.0	43.703	1.207	0.0	42.3	1.597	0.0	51.821	1.367	0.0	46.744	1.449	0.0	44.856	1.219	0.0	39.935	1.451
151	13718	13719	NS	1	0.0	51.22	1.345	0.0	43.147	1.499	0.0	47.914	1.248	0.0	42.3	1.609	0.0	51.755	1.381	0.0	45.597	1.444	0.0	48.969	1.246	0.0	39.935	1.453
152	13718	13719	SN	1	0.0	35.733	0.862	0.0	38.907	1.176	0.0	37.767	0.945	0.0	38.738	1.461	0.0	35.452	0.84	0.0	37.732	1.052	0.0	37.426	0.897	0.0	36.905	1.251
153	13719	13720	SN	1	0.0	52.443	5.497	0.0	51.234	7.589	0.0	47.092	4.335	0.0	45.657	5.478	0.0	52.525	5.67	0.0	52.907	7.486	0.0	47.212	4.313	0.0	47.255	5.507
154	13719	13720	SN	1	0.0	47.143	1.34	0.0	48.395	2.144	0.0	43.059	1.187	0.0	41.641	1.832	0.0	45.819	1.374	0.0	49.82	2.036	0.0	42.23	1.164	0.0	43.626	1.558
155	13719	13720	NS	1	0.0	47.81	4.189	0.0	60.514	5.805	0.0	42.391	4.37	0.0	46.982	6.013	0.0	47.561	4.321	0.0	56.826	5.653	0.0	42.743	4.179	0.0	46.081	5.318
156	13719	13720	SN	1	0.0	47.143	1.422	0.0	48.757	2.261	0.0	43.059	1.252	0.0	41.641	1.926	0.0	45.819	1.46	0.0	50.181	2.142	0.0	42.23	1.228	0.0	44.035	1.648
157	13719	13720	SN	1	0.0	51.029	5.771	0.0	51.234	8.0	0.0	46.76	4.564	0.0	45.657	5.732	0.0	51.459	5.975	0.0	52.907	7.903	0.0	45.298	4.602	0.0	47.255	5.763
158	13719	13720	NS	1	0.0	47.805	4.15	0.0	60.395	5.759	0.0	44.315	4.3	0.0	47.692	5.979	0.0	47.556	4.272	0.0	56.706	5.576	0.0	45.022	4.129	0.0	45.097	5.311
159	13719	13720	NS	1	0.0	46.976	1.359	0.0	48.681	2.012	0.0	39.467	1.273	0.0	47.909	1.956	0.0	46.026	1.393	0.0	47.726	1.853	0.0	41.343	1.192	0.0	50.323	1.538
160	13719	13720	NS	1	0.0	46.794	1.355	0.0	47.272	2.023	0.0	39.377	1.27	0.0	47.946	1.94	0.0	46.632	1.38	0.0	47.726	1.869	0.0	41.251	1.199	0.0	50.36	1.548
161	13720	13721	SN	1	0.0	43.514	1.655	0.0	47.948	2.184	0.0	43.488	1.477	0.0	42.887	1.999	0.0	44.544	1.652	0.0	47.161	2.017	0.0	40.099	1.436	0.0	39.343	1.821
162	13720	13721	SN	1	0.0	52.248	6.683	0.0	56.687	7.904	0.0	45.87	5.287	0.0	54.994	6.386	0.0	51.672	6.683	0.0	55.308	7.379	0.0	45.658	5.243	0.0	52.481	6.01
163	13720	13721	NS	1	0.0	41.775	1.531	0.0	46.466	2.125	0.0	36.35	1.614	0.0	40.564	2.202	0.0	41.427	1.504	0.0	46.409	2.073	0.0	37.665	1.612	0.0	39.461	2.094
164	13720	13721	SN	1	0.0	52.248	6.369	0.0	56.687	7.581	0.0	45.87	5.087	0.0	54.994	6.125	0.0	51.672	6.369	0.0	54.747	7.071	0.0	45.658	5.059	0.0	52.481	5.753
165	13720	13721	NS	1	0.0	49.343	4.598	0.0	49.323	6.617	0.0	44.139	5.403	0.0	43.328	6.581	0.0	48.103	4.649	0.0	49.762	6.314	0.0	45.027	5.268	0.0	43.196	6.127
166	13720	13721	SN	1	0.0	43.514	1.581	0.0	47.948	2.079	0.0	43.488	1.412	0.0	49.12	1.931	0.0	44.544	1.579	0.0	47.161	1.917	0.0	40.099	1.37	0.0	45.577	1.751
167	13720	13721	NS	1	0.0	41.721	1.526	0.0	46.693	2.152	0.0	36.712	1.614	0.0	38.87	2.206	0.0	41.375	1.501	0.0	46.411	2.103	0.0	38.028	1.607	0.0	38.41	2.108
168	13720	13721	NS	1	0.0	49.343	4.628	0.0	50.242	6.658	0.0	44.233	5.403	0.0	45.807	6.581	0.0	48.103	4.709	0.0	50.684	6.304	0.0	45.068	5.275	0.0	43.197	6.155
169	13721	13722	SN	1	0.0	45.983	1.522	0.0	48.959	1.981	0.0	43.308	1.407	0.0	48.792	1.884	0.0	47.44	1.599	0.0	46.218	1.981	0.0	42.262	1.404	0.0	47.78	1.893
170	13721	13722	NS	1	0.0	51.323	2.832	0.0	48.064	4.316	0.0	54.629	3.527	0.0	46.576	4.778	0.0	51.331	2.862	0.0	46.861	4.143	0.0	54.847	3.456	0.0	47.27	4.216
171	13721	13722	SN	1	0.0	46.048	1.495	0.0	44.213	1.963	0.0	44.521	1.372	0.0	50.339	1.882	0.0	46.238	1.568	0.0	45.154	1.967	0.0	42.877	1.375	0.0	49.328	1.871
172	13721	13722	SN	1	0.0	53.248	5.277	0.0	53.081	6.327	0.0	46.979	5.089	0.0	52.982	5.999	0.0	52.907	5.389	0.0	51.465	6.265	0.0	44.396	5.167	0.0	50.862	6.063
173	13721	13722	SN	1	0.0	52.505	5.307	0.0	51.999	6.338	0.0	44.269	5.103	0.0	52.211	6.035	0.0	52.727	5.399	0.0	50.16	6.379	0.0	44.126	5.252	0.0	49.736	6.042
174	13721	13722	NS	1	0.0	42.952	0.843	0.0	49.668	1.469	0.0	48.916	1.058	0.0	55.622	1.57	0.0	42.95	0.872	0.0	50.587	1.46	0.0	46.812	1.003	0.0	57.289	1.41
175	13722	13723	SN	1	0.0	37.315	0.733	0.0	40.428	1.091	0.0	37.818	0.913	0.0	38.158	1.291	0.0	37.343	0.767	0.0	39.78	1.113	0.0	36.031	0.966	0.0	35.873	1.264

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

176	13722	13723	NS	1	0.0	46.919	0.913	0.0	47.955	1.366	0.0	46.75	0.97	0.0	46.022	1.354	0.0	45.833	0.935	0.0	48.841	1.251	0.0	46.573	0.896	0.0	42.814	1.125
177	13722	13723	NS	1	0.0	48.511	3.756	0.0	50.898	4.907	0.0	48.649	3.504	0.0	46.145	4.686	0.0	49.317	3.787	0.0	51.48	4.502	0.0	47.98	3.518	0.0	48.878	4.006
178	13722	13723	SN	1	0.0	41.147	2.346	0.0	43.406	3.491	0.0	38.947	2.931	0.0	45.889	3.559	0.0	41.584	2.366	0.0	46.241	3.369	0.0	37.633	3.13	0.0	43.189	3.645
179	13723	13724	SN	1	0.0	47.015	1.341	0.0	45.541	1.851	0.0	43.284	1.385	0.0	38.073	1.861	0.0	45.602	1.386	0.0	43.435	1.953	0.0	41.536	1.436	0.0	38.583	1.841
180	13723	13724	SN	1	0.0	50.355	6.172	0.0	49.0	6.925	0.0	45.66	4.668	0.0	47.491	5.883	0.0	50.147	6.345	0.0	48.935	6.986	0.0	46.092	4.896	0.0	50.069	6.204
181	13723	13724	NS	1	0.0	50.98	2.256	0.0	46.916	3.158	0.0	47.627	2.532	0.0	44.988	3.744	0.0	50.969	2.246	0.0	47.17	2.834	0.0	45.252	2.475	0.0	43.437	3.389
182	13723	13724	NS	1	0.0	50.98	2.307	0.0	46.916	3.148	0.0	47.627	2.532	0.0	44.988	3.765	0.0	50.969	2.246	0.0	47.17	2.834	0.0	45.252	2.475	0.0	43.437	3.425
183	13723	13724	NS	1	0.0	46.169	0.638	0.0	47.374	1.033	0.0	45.36	0.759	0.0	38.564	1.363	0.0	45.691	0.656	0.0	47.613	0.99	0.0	44.681	0.729	0.0	38.594	1.124
184	13723	13724	NS	1	0.0	46.169	0.651	0.0	47.374	1.042	0.0	45.36	0.763	0.0	38.564	1.356	0.0	45.691	0.676	0.0	47.613	0.992	0.0	44.681	0.72	0.0	38.594	1.122
185	13724	13725	NS	1	0.0	51.521	2.283	0.0	47.702	3.322	0.0	41.979	2.924	0.0	40.163	3.823	0.0	51.384	2.121	0.0	48.233	2.853	0.0	39.947	2.775	0.0	36.337	3.202
186	13724	13725	SN	1	0.0	46.453	5.25	0.0	55.429	6.178	0.0	46.507	4.943	0.0	46.676	5.52	0.0	47.066	5.219	0.0	55.907	5.963	0.0	45.005	4.822	0.0	47.72	5.197
187	13724	13725	NS	1	0.0	38.969	0.725	0.0	48.814	1.191	0.0	36.549	0.911	0.0	40.886	1.466	0.0	38.931	0.707	0.0	48.867	1.025	0.0	35.038	0.852	0.0	40.956	1.159
188	13724	13725	SN	1	0.0	50.022	1.37	0.0	47.781	1.761	0.0	43.851	1.197	0.0	41.658	1.569	0.0	51.469	1.35	0.0	48.092	1.552	0.0	45.445	1.243	0.0	38.334	1.425
189	13724	13725	NS	1	0.0	38.969	0.738	0.0	48.814	1.204	0.0	36.549	0.925	0.0	40.886	1.488	0.0	38.931	0.717	0.0	48.867	1.037	0.0	35.038	0.867	0.0	40.956	1.177
190	13724	13725	NS	1	0.0	51.521	2.302	0.0	47.702	3.371	0.0	41.979	2.967	0.0	40.163	3.878	0.0	51.384	2.158	0.0	48.233	2.894	0.0	39.947	2.808	0.0	36.337	3.261
191	13725	13726	SN	1	0.0	51.786	6.038	0.0	50.454	8.07	0.0	46.37	5.196	0.0	43.751	5.942	0.0	51.768	5.998	0.0	48.988	7.968	0.0	48.483	5.181	0.0	42.332	5.436
192	13725	13726	NS	1	0.0	40.165	1.576	0.0	42.092	2.244	0.0	43.242	3.069	0.0	37.586	4.051	0.0	41.011	1.586	0.0	41.406	2.05	0.0	42.372	2.991	0.0	35.973	3.302
193	13725	13726	NS	1	0.0	42.784	0.624	0.0	38.686	0.92	0.0	39.052	0.985	0.0	40.931	1.464	0.0	42.88	0.617	0.0	38.453	0.772	0.0	40.793	0.884	0.0	38.934	1.152
194	13725	13726	NS	1	0.0	42.784	0.633	0.0	39.039	0.946	0.0	38.851	1.029	0.0	39.667	1.516	0.0	42.88	0.633	0.0	38.804	0.795	0.0	40.592	0.932	0.0	38.934	1.186
195	13725	13726	SN	1	0.0	48.563	1.34	0.0	42.278	1.961	0.0	40.711	1.285	0.0	39.786	1.713	0.0	49.954	1.343	0.0	42.754	1.849	0.0	40.24	1.24	0.0	41.678	1.608
196	13725	13726	NS	1	0.0	42.784	0.611	0.0	39.039	0.916	0.0	38.851	1.003	0.0	39.667	1.469	0.0	42.88	0.615	0.0	38.804	0.772	0.0	40.592	0.909	0.0	38.934	1.148
197	13725	13726	SN	1	0.0	62.366	6.038	0.0	49.939	8.029	0.0	49.484	5.189	0.0	45.762	5.914	0.0	62.379	6.049	0.0	48.474	7.917	0.0	51.598	5.181	0.0	44.341	5.414
198	13725	13726	NS	1	0.0	41.986	1.586	0.0	42.092	2.295	0.0	43.242	3.055	0.0	37.456	4.058	0.0	42.832	1.616	0.0	41.406	2.06	0.0	42.372	2.998	0.0	36.444	3.31
199	13725	13726	SN	1	0.0	47.296	1.352	0.0	50.717	1.959	0.0	41.681	1.267	0.0	38.851	1.735	0.0	48.687	1.356	0.0	54.289	1.852	0.0	39.573	1.247	0.0	41.877	1.617
200	13725	13726	NS	1	0.0	40.165	1.628	0.0	42.092	2.321	0.0	43.242	3.156	0.0	37.586	4.191	0.0	41.011	1.638	0.0	41.406	2.12	0.0	42.372	3.082	0.0	35.973	3.416
201	13726	13727	NS	1	0.0	39.442	1.325	0.0	41.319	1.677	0.0	37.467	1.39	0.0	37.837	2.035	0.0	39.476	1.274	0.0	43.272	1.423	0.0	35.297	1.287	0.0	39.384	1.643
202	13726	13727	NS	1	0.0	39.442	1.224	0.0	41.319	1.564	0.0	37.467	1.297	0.0	37.837	1.894	0.0	39.476	1.179	0.0	43.272	1.33	0.0	35.297	1.205	0.0	39.384	1.531
203	13726	13727	SN	1	0.0	48.497	4.197	0.0	40.347	4.698	0.0	44.875	4.028	0.0	45.182	5.493	0.0	48.81	4.227	0.0	41.723	4.464	0.0	44.042	3.929	0.0	42.903	5.008
204	13726	13727	SN	1	0.0	49.035	4.227	0.0	40.357	4.688	0.0	42.742	4.036	0.0	43.455	5.529	0.0	49.336	4.248	0.0	41.495	4.403	0.0	43.66	3.929	0.0	40.162	4.986
205	13726	13727	NS	1	0.0	38.952	3.881	0.0	43.488	4.945	0.0	42.812	4.191	0.0	41.305	5.593	0.0	40.445	3.841	0.0	43.814	4.446	0.0	40.02	3.965	0.0	39.125	4.681
206	13726	13727	NS	1	0.0	38.952	3.881	0.0	43.488	4.934	0.0	42.813	4.22	0.0	41.305	5.593	0.0	40.445	3.841	0.0	43.812	4.446	0.0	40.02	3.986	0.0	39.123	4.674
207	13726	13727	SN	1	0.0	48.687	0.993	0.0	42.116	1.339	0.0	37.252	1.235	0.0	43.689	1.657	0.0	47.678	0.982	0.0	41.49	1.318	0.0	35.996	1.167	0.0	39.67	1.485
208	13726	13727	NS	1	0.0	39.442	1.231	0.0	41.376	1.564	0.0	37.467	1.301	0.0	38.115	1.898	0.0	39.387	1.186	0.0	43.332	1.33	0.0	35.298	1.21	0.0	39.382	1.543
209	13726	13727	SN	1	0.0	38.813	1.007	0.0	42.116	1.355	0.0	36.935	1.228	0.0	43.69	1.657	0.0	39.325	1.003	0.0	41.49	1.316	0.0	35.447	1.173	0.0	39.665	1.501
210	13726	13727	NS	1	0.0	38.952	4.169	0.0	43.488	5.309	0.0	42.812	4.481	0.0	41.484	6.009	0.0	40.445	4.125	0.0	43.814	4.774	0.0	40.02	4.245	0.0	39.125	5.029
211	13727	13728	NS	1	0.0	47.491	1.172	0.0	42.533	1.635	0.0	45.417	1.097	0.0	40.723	1.803	0.0	46.852	1.156	0.0	42.595	1.488	0.0	45.166	1.06	0.0	39.515	1.485

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

212	13727	13728	NS	1	0.0	52.217	4.12	0.0	57.674	5.308	0.0	44.19	3.9	0.0	49.558	5.614	0.0	53.53	4.1	0.0	56.769	5.084	0.0	42.489	3.752	0.0	49.197	5.016
213	13727	13728	SN	1	0.0	43.367	4.492	0.0	53.503	5.292	0.0	39.012	4.258	0.0	39.947	5.181	0.0	41.189	4.537	0.0	51.498	5.392	0.0	38.394	4.219	0.0	38.979	5.361
214	13727	13728	NS	1	0.0	52.217	4.12	0.0	57.674	5.308	0.0	44.19	3.9	0.0	49.558	5.614	0.0	53.53	4.1	0.0	56.769	5.084	0.0	42.489	3.752	0.0	49.197	5.016
215	13727	13728	SN	1	0.0	38.429	1.139	0.0	41.252	1.543	0.0	43.902	1.326	0.0	38.732	1.726	0.0	38.74	1.135	0.0	39.9	1.474	0.0	43.273	1.277	0.0	36.327	1.699
216	13727	13728	NS	1	0.0	47.491	1.174	0.0	42.533	1.635	0.0	45.417	1.099	0.0	40.723	1.803	0.0	46.852	1.156	0.0	42.595	1.488	0.0	45.166	1.062	0.0	39.515	1.485
217	13727	13728	SN	1	0.0	43.367	4.173	0.0	53.503	4.916	0.0	38.186	3.976	0.0	39.947	4.8	0.0	43.325	4.224	0.0	51.498	4.977	0.0	37.568	3.891	0.0	38.979	4.907
218	13727	13728	SN	1	0.0	42.032	4.173	0.0	53.501	4.946	0.0	38.183	3.991	0.0	36.63	4.793	0.0	43.178	4.245	0.0	51.498	5.007	0.0	37.565	3.912	0.0	38.766	4.928
219	13727	13728	SN	1	0.0	38.619	1.034	0.0	41.252	1.426	0.0	43.902	1.229	0.0	37.445	1.577	0.0	38.114	1.022	0.0	39.897	1.363	0.0	43.542	1.186	0.0	35.831	1.549
220	13727	13728	SN	1	0.0	37.442	1.036	0.0	41.252	1.428	0.0	43.902	1.222	0.0	38.732	1.579	0.0	37.248	1.031	0.0	39.9	1.36	0.0	43.273	1.181	0.0	36.327	1.547
221	13727	13728	NS	1	0.0	52.217	4.586	0.0	57.674	5.964	0.0	44.19	4.288	0.0	49.558	6.378	0.0	53.53	4.586	0.0	56.769	5.732	0.0	42.888	4.2	0.0	49.197	5.695
222	13727	13728	NS	1	0.0	47.491	1.328	0.0	42.533	1.849	0.0	45.417	1.243	0.0	40.723	2.029	0.0	46.852	1.302	0.0	42.595	1.682	0.0	45.166	1.203	0.0	39.515	1.679
223	13728	13729	NS	1	0.0	54.052	7.431	0.0	57.073	8.162	0.0	51.975	7.475	0.0	51.639	8.925	0.0	57.036	7.603	0.0	57.327	7.99	0.0	51.378	7.525	0.0	49.313	8.613
224	13728	13729	NS	1	0.0	44.665	2.449	0.0	50.861	2.868	0.0	45.932	2.217	0.0	47.032	2.879	0.0	44.866	2.501	0.0	51.095	2.812	0.0	44.432	2.205	0.0	45.542	2.622
225	13728	13729	NS	1	0.0	44.663	2.456	0.0	50.765	2.866	0.0	47.86	2.212	0.0	47.346	2.896	0.0	44.866	2.501	0.0	50.996	2.803	0.0	46.359	2.205	0.0	45.375	2.636
226	13728	13729	NS	1	0.0	53.726	7.461	0.0	57.169	8.152	0.0	48.647	7.525	0.0	48.472	8.897	0.0	56.709	7.583	0.0	57.424	7.939	0.0	51.176	7.589	0.0	46.5	8.592

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	13699	13700	SN	1	0.0	28.187	12.392	0.0	23.703	12.949	0.0	93.529	7.379	0.0	38.577	9.75	0.0	1.374	0.0	0.0	1.733	0.0	0.0	1.799	0.0	0.0	2.084	0.0
2	13699	13700	SN	1	0.0	28.193	12.392	0.0	23.703	12.959	0.0	93.518	7.401	0.0	38.577	9.757	0.0	1.374	0.0	0.0	1.733	0.0	0.0	1.798	0.0	0.0	2.084	0.0
3	13699	13700	SN	1	0.0	28.193	12.4	0.0	23.262	12.571	0.0	93.518	7.567	0.0	14.273	8.865	0.0	1.374	0.0	0.0	1.733	0.0	0.0	1.798	0.0	0.0	2.084	0.0
4	13699	13700	SN	1	0.0	23.036	4.694	0.0	21.001	6.453	0.0	145.403	0.838	0.0	74.061	1.81	0.0	1.35	0.0	0.0	1.732	0.0	0.0	1.793	0.0	0.0	2.083	0.0
5	13699	13700	SN	1	0.0	23.036	4.708	0.0	18.029	6.363	0.0	145.403	0.879	0.0	11.576	1.599	0.0	1.35	0.0	0.0	1.732	0.0	0.0	1.793	0.0	0.0	2.083	0.0
6	13699	13700	SN	1	0.0	23.036	4.701	0.0	21.001	6.46	0.0	145.42	0.845	0.0	74.061	1.812	0.0	1.35	0.0	0.0	1.732	0.0	0.0	1.79	0.0	0.0	2.083	0.0
7	13700	13701	SN	1	0.0	23.064	4.603	0.0	200.203	6.331	0.0	74.739	0.722	0.0	77.204	1.805	0.0	1.35	0.0	0.0	1.732	0.0	0.0	1.789	0.0	0.0	2.084	0.0
8	13700	13701	SN	1	0.0	23.064	4.603	0.0	200.203	6.331	0.0	74.739	0.72	0.0	77.204	1.807	0.0	1.35	0.0	0.0	1.732	0.0	0.0	1.789	0.0	0.0	2.084	0.0
9	13700	13701	SN	1	0.0	28.165	12.284	0.0	237.076	12.775	0.0	76.852	7.007	0.0	42.962	9.582	0.0	1.373	0.0	0.0	1.733	0.0	0.0	1.796	0.0	0.0	2.085	0.0
10	13700	13701	NS	1	0.0	106.089	6.995	0.0	23.582	8.807	0.0	193.061	4.404	0.0	134.996	5.486	0.0	1.425	0.0	0.0	1.818	0.0	0.0	1.89	0.0	0.0	2.178	0.0
11	13700	13701	SN	1	0.0	28.165	12.284	0.0	237.076	12.775	0.0	76.852	7.007	0.0	42.962	9.575	0.0	1.373	0.0	0.0	1.733	0.0	0.0	1.796	0.0	0.0	2.085	0.0
12	13700	13701	SN	1	0.0	28.165	12.29	0.0	237.076	12.598	0.0	76.852	7.061	0.0	17.819	9.213	0.0	1.373	0.0	0.0	1.733	0.0	0.0	1.796	0.0	0.0	2.085	0.0
13	13700	13701	NS	1	0.0	108.803	10.704	0.0	30.873	15.718	0.0	207.615	13.549	0.0	72.346	15.25	0.0	1.411	0.0	0.0	1.821	0.0	0.0	1.873	0.0	0.0	2.178	0.0
14	13700	13701	SN	1	0.0	23.064	4.601	0.0	200.203	6.304	0.0	74.739	0.733	0.0	11.852	1.676	0.0	1.35	0.0	0.0	1.732	0.0	0.0	1.789	0.0	0.0	2.084	0.0
15	13701	13702	SN	1	0.0	23.086	4.768	0.0	19.446	6.485	0.0	66.643	0.841	0.0	228.285	1.751	0.0	1.353	0.0	0.0	1.732	0.0	0.0	1.789	0.0	0.0	2.084	0.0
16	13701	13702	NS	1	0.0	23.748	6.892	0.0	23.582	8.754	0.0	353.713	4.286	0.0	177.864	5.377	0.0	1.433	0.0	0.0	1.818	0.0	0.0	1.893	0.0	0.0	2.178	0.0
17	13701	13702	NS	1	0.0	24.58	10.628	0.0	29.158	15.657	0.0	351.821	13.321	0.0	65.303	15.188	0.0	1.411	0.0	0.0	1.82	0.0	0.0	1.867	0.0	0.0	2.177	0.0
18	13701	13702	NS	1	0.0	23.748	6.9	0.0	23.582	8.765	0.0	355.191	4.302	0.0	137.682	5.376	0.0	1.434	0.0	0.0	1.819	0.0	0.0	1.893	0.0	0.0	2.178	0.0
19	13701	13702	SN	1	0.0	28.204	12.391	0.0	49.572	12.79	0.0	73.267	7.342	0.0	229.951	9.609	0.0	1.373	0.0	0.0	1.734	0.0	0.0	1.796	0.0	0.0	2.085	0.0
20	13701	13702	SN	1	0.0	23.086	4.764	0.0	21.04	6.508	0.0	66.643	0.831	0.0	228.285	1.858	0.0	1.353	0.0	0.0	1.732	0.0	0.0	1.789	0.0	0.0	2.084	0.0
21	13701	13702	NS	1	0.0	24.569	10.623	0.0	29.158	15.682	0.0	247.202	13.393	0.0	185.778	15.206	0.0	1.403	0.0	0.0	1.821	0.0	0.0	1.867	0.0	0.0	2.177	0.0
22	13701	13702	SN	1	0.0	28.204	12.401	0.0	49.572	12.79	0.0	73.267	7.335	0.0	229.951	9.617	0.0	1.377	0.0	0.0	1.734	0.0	0.0	1.796	0.0	0.0	2.085	0.0
23	13701	13702	SN	1	0.0	23.086	4.764	0.0	19.446	6.483	0.0	66.643	0.843	0.0	228.285	1.753	0.0	1.353	0.0	0.0	1.732	0.0	0.0	1.789	0.0	0.0	2.084	0.0
24	13701	13702	SN	1	0.0	28.204	12.402	0.0	49.572	12.944	0.0	73.267	7.301	0.0	229.951	9.894	0.0	1.373	0.0	0.0	1.734	0.0	0.0	1.796	0.0	0.0	2.085	0.0
25	13702	13703	NS	1	0.0	24.586	10.714	0.0	29.158	15.712	0.0	353.332	13.492	0.0	72.169	15.261	0.0	1.413	0.0	0.0	1.821	0.0	0.0	1.868	0.0	0.0	2.177	0.0
26	13702	13703	SN	1	0.0	28.281	12.402	0.0	23.726	12.711	0.0	76.096	7.371	0.0	16.964	9.489	0.0	1.37	0.0	0.0	1.734	0.0	0.0	1.798	0.0	0.0	2.084	0.0
27	13702	13703	SN	1	0.0	23.091	4.81	0.0	18.045	6.49	0.0	68.0	0.813	0.0	11.786	1.702	0.0	1.352	0.0	0.0	1.732	0.0	0.0	1.796	0.0	0.0	2.084	0.0
28	13702	13703	NS	1	0.0	23.764	6.927	0.0	23.582	8.814	0.0	355.114	4.36	0.0	197.167	5.465	0.0	1.409	0.0	0.0	1.819	0.0	0.0	1.892	0.0	0.0	2.179	0.0
29	13702	13703	SN	1	0.0	28.281	12.407	0.0	23.726	12.882	0.0	76.096	7.284	0.0	43.094	9.911	0.0	1.37	0.0	0.0	1.734	0.0	0.0	1.798	0.0	0.0	2.084	0.0
30	13702	13703	SN	1	0.0	23.091	4.803	0.0	20.56	6.527	0.0	68.0	0.797	0.0	71.265	1.857	0.0	1.352	0.0	0.0	1.732	0.0	0.0	1.796	0.0	0.0	2.084	0.0
31	13703	13704	SN	1	0.0	23.086	4.746	0.0	21.059	6.466	0.0	71.822	0.769	0.0	265.991	1.774	0.0	1.354	0.0	0.0	1.732	0.0	0.0	1.81	0.0	0.0	2.084	0.0

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

32	13703	13704	SN	1	0.0	23.086	4.752	0.0	18.547	6.404	0.0	71.822	0.793	0.0	265.991	1.615	0.0	1.354	0.0	0.0	1.732	0.0	0.0	1.81	0.0	0.0	2.084	0.0
33	13703	13704	SN	1	0.0	23.086	4.742	0.0	21.059	6.457	0.0	71.844	0.766	0.0	208.859	1.774	0.0	1.351	0.0	0.0	1.732	0.0	0.0	1.81	0.0	0.0	2.084	0.0
34	13703	13704	NS	1	0.0	271.92	10.746	0.0	29.136	15.655	0.0	353.707	13.485	0.0	74.293	15.111	0.0	1.402	0.0	0.0	1.82	0.0	0.0	1.868	0.0	0.0	2.176	0.0
35	13703	13704	SN	1	0.0	28.215	12.434	0.0	23.731	12.865	0.0	79.868	7.179	0.0	184.469	9.751	0.0	1.377	0.0	0.0	1.734	0.0	0.0	1.801	0.0	0.0	2.085	0.0
36	13703	13704	SN	1	0.0	28.215	12.44	0.0	23.731	12.605	0.0	79.868	7.305	0.0	184.469	9.151	0.0	1.377	0.0	0.0	1.734	0.0	0.0	1.801	0.0	0.0	2.085	0.0
37	13703	13704	NS	1	0.0	239.784	6.934	0.0	23.566	8.775	0.0	342.975	4.366	0.0	184.389	5.466	0.0	1.433	0.0	0.0	1.818	0.0	0.0	1.889	0.0	0.0	2.179	0.0
38	13704	13705	SN	1	0.0	23.058	4.798	0.0	18.051	6.451	0.0	74.397	0.844	0.0	11.879	1.674	0.0	1.351	0.0	0.0	1.732	0.0	0.0	1.807	0.0	0.0	2.085	0.0
39	13704	13705	SN	1	0.0	28.187	12.387	0.0	23.544	12.914	0.0	78.633	7.225	0.0	44.059	9.897	0.0	1.388	0.0	0.0	1.734	0.0	0.0	1.795	0.0	0.0	2.086	0.0
40	13704	13705	NS	1	0.0	236.409	6.925	0.0	23.577	8.818	0.0	174.602	4.32	0.0	176.607	5.5	0.0	1.434	0.0	0.0	1.819	0.0	0.0	1.888	0.0	0.0	2.177	0.0
41	13704	13705	NS	1	0.0	212.893	10.632	0.0	29.152	15.708	0.0	240.065	13.397	0.0	70.134	15.242	0.0	1.408	0.0	0.0	1.817	0.0	0.0	1.884	0.0	0.0	2.176	0.0
42	13704	13705	SN	1	0.0	23.058	4.786	0.0	20.839	6.541	0.0	74.397	0.81	0.0	77.48	1.88	0.0	1.351	0.0	0.0	1.732	0.0	0.0	1.807	0.0	0.0	2.085	0.0
43	13704	13705	SN	1	0.0	28.187	12.395	0.0	23.268	12.538	0.0	78.633	7.366	0.0	14.493	9.088	0.0	1.388	0.0	0.0	1.734	0.0	0.0	1.795	0.0	0.0	2.086	0.0
44	13705	13706	SN	1	0.0	28.154	12.353	0.0	228.043	12.593	0.0	75.572	7.337	0.0	16.159	9.255	0.0	1.387	0.0	0.0	1.734	0.0	0.0	1.784	0.0	0.0	2.085	0.0
45	13705	13706	NS	1	0.0	274.349	6.937	0.0	132.244	8.809	0.0	350.674	4.361	0.0	168.301	5.456	0.0	1.434	0.0	0.0	1.819	0.0	0.0	1.89	0.0	0.0	2.178	0.0
46	13705	13706	NS	1	0.0	206.727	10.783	0.0	132.57	15.814	0.0	275.38	13.485	0.0	88.736	15.392	0.0	1.408	0.0	0.0	1.817	0.0	0.0	1.884	0.0	0.0	2.177	0.0
47	13705	13706	SN	1	0.0	28.154	12.344	0.0	228.043	12.895	0.0	75.572	7.219	0.0	64.073	9.849	0.0	1.387	0.0	0.0	1.734	0.0	0.0	1.784	0.0	0.0	2.085	0.0
48	13705	13706	SN	1	0.0	23.047	4.714	0.0	133.198	6.464	0.0	61.134	0.831	0.0	11.885	1.7	0.0	1.351	0.0	0.0	1.732	0.0	0.0	1.807	0.0	0.0	2.084	0.0
49	13705	13706	SN	1	0.0	23.047	4.715	0.0	133.198	6.52	0.0	61.134	0.806	0.0	45.708	1.854	0.0	1.351	0.0	0.0	1.732	0.0	0.0	1.807	0.0	0.0	2.084	0.0
50	13706	13707	SN	1	0.0	19.214	4.702	0.0	70.143	6.35	0.0	76.013	0.892	0.0	183.382	1.592	0.0	1.347	0.0	0.0	1.731	0.0	0.0	1.792	0.0	0.0	2.083	0.0
51	13706	13707	NS	1	0.0	215.945	6.951	0.0	23.582	8.808	0.0	228.362	4.38	0.0	134.869	5.506	0.0	1.421	0.0	0.0	1.819	0.0	0.0	1.891	0.0	0.0	2.18	0.0
52	13706	13707	NS	1	0.0	218.077	10.708	0.0	29.158	15.602	0.0	142.979	13.465	0.0	72.219	15.083	0.0	1.412	0.0	0.0	1.821	0.0	0.0	1.873	0.0	0.0	2.178	0.0
53	13706	13707	SN	1	0.0	27.012	12.409	0.0	23.273	12.397	0.0	75.782	7.475	0.0	39.297	8.616	0.0	1.373	0.0	0.0	1.732	0.0	0.0	1.797	0.0	0.0	2.084	0.0
54	13707	13708	NS	1	0.0	23.803	6.921	0.0	23.582	8.739	0.0	354.926	4.304	0.0	124.512	5.435	0.0	1.43	0.0	0.0	1.82	0.0	0.0	1.896	0.0	0.0	2.179	0.0
55	13707	13708	SN	1	0.0	28.127	12.351	0.0	23.703	12.899	0.0	73.129	7.138	0.0	62.165	9.786	0.0	1.373	0.0	0.0	1.732	0.0	0.0	1.799	0.0	0.0	2.083	0.0
56	13707	13708	NS	1	0.0	24.569	10.749	0.0	29.163	15.703	0.0	353.018	13.391	0.0	147.322	15.25	0.0	1.399	0.0	0.0	1.822	0.0	0.0	1.869	0.0	0.0	2.178	0.0
57	13707	13708	SN	1	0.0	22.992	4.63	0.0	21.001	6.37	0.0	66.748	0.83	0.0	64.779	1.886	0.0	1.354	0.0	0.0	1.731	0.0	0.0	1.794	0.0	0.0	2.083	0.0
58	13707	13708	SN	1	0.0	28.132	12.361	0.0	23.703	12.899	0.0	73.09	7.131	0.0	62.176	9.779	0.0	1.373	0.0	0.0	1.732	0.0	0.0	1.799	0.0	0.0	2.083	0.0
59	13707	13708	SN	1	0.0	22.992	4.635	0.0	21.001	6.368	0.0	66.792	0.831	0.0	64.763	1.889	0.0	1.354	0.0	0.0	1.731	0.0	0.0	1.794	0.0	0.0	2.083	0.0
60	13708	13709	SN	1	0.0	30.492	12.372	0.0	277.589	12.914	0.0	76.394	7.113	0.0	61.696	9.803	0.0	1.382	0.0	0.0	1.733	0.0	0.0	1.8	0.0	0.0	2.08	0.0
61	13708	13709	NS	1	0.0	42.843	10.697	0.0	29.136	15.746	0.0	353.2	13.45	0.0	143.004	15.367	0.0	1.396	0.0	0.0	1.821	0.0	0.0	1.869	0.0	0.0	2.177	0.0
62	13708	13709	SN	1	0.0	25.363	4.612	0.0	21.037	6.411	0.0	68.358	0.776	0.0	53.043	1.851	0.0	1.35	0.0	0.0	1.731	0.0	0.0	1.802	0.0	0.0	2.082	0.0
63	13708	13709	NS	1	0.0	95.914	6.96	0.0	23.571	8.835	0.0	354.921	4.318	0.0	139.331	5.527	0.0	1.421	0.0	0.0	1.819	0.0	0.0	1.895	0.0	0.0	2.179	0.0
64	13709	13710	SN	1	0.0	28.854	12.374	0.0	80.213	12.925	0.0	79.774	7.253	0.0	265.655	9.829	0.0	1.383	0.0	0.0	1.733	0.0	0.0	1.798	0.0	0.0	2.084	0.0
65	13709	13710	SN	1	0.0	28.849	12.374	0.0	80.213	12.915	0.0	79.747	7.253	0.0	265.655	9.829	0.0	1.39	0.0	0.0	1.733	0.0	0.0	1.798	0.0	0.0	2.084	0.0
66	13709	13710	NS	1	0.0	269.62	10.743	0.0	29.593	15.752	0.0	161.791	13.454	0.0	133.099	15.237	0.0	1.407	0.0	0.0	1.82	0.0	0.0	1.887	0.0	0.0	2.178	0.0
67	13709	13710	NS	1	0.0	269.62	10.743	0.0	29.593	15.752	0.0	161.791	13.454	0.0	133.099	15.237	0.0	1.407	0.0	0.0	1.82	0.0	0.0	1.887	0.0	0.0	2.178	0.0
68	13709	13710	SN	1	0.0	23.031	4.693	0.0	232.455	6.436	0.0	72.087	0.834	0.0	112.779	1.862	0.0	1.349	0.0	0.0	1.731	0.0	0.0	1.808	0.0	0.0	2.083	0.0

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

69	13709	13710	SN	1	0.0	23.031	4.693	0.0	232.455	6.434	0.0	72.114	0.84	0.0	112.779	1.865	0.0	1.349	0.0	0.0	1.731	0.0	0.0	1.808	0.0	0.0	2.083	0.0
70	13709	13710	NS	1	0.0	142.687	6.972	0.0	24.101	8.833	0.0	278.524	4.322	0.0	135.404	5.502	0.0	1.43	0.0	0.0	1.819	0.0	0.0	1.895	0.0	0.0	2.179	0.0
71	13709	13710	NS	1	0.0	142.687	6.972	0.0	24.101	8.833	0.0	278.524	4.322	0.0	135.404	5.502	0.0	1.43	0.0	0.0	1.819	0.0	0.0	1.895	0.0	0.0	2.179	0.0
72	13710	13711	SN	1	0.0	28.959	12.439	0.0	167.83	12.913	0.0	77.331	7.147	0.0	72.288	9.847	0.0	1.38	0.0	0.0	1.733	0.0	0.0	1.798	0.0	0.0	2.083	0.0
73	13710	13711	NS	1	0.0	69.056	7.018	0.0	23.577	8.861	0.0	158.625	4.426	0.0	146.335	5.546	0.0	1.437	0.0	0.0	1.82	0.0	0.0	1.893	0.0	0.0	2.179	0.0
74	13710	13711	NS	1	0.0	69.056	7.018	0.0	23.577	8.861	0.0	158.625	4.426	0.0	146.341	5.546	0.0	1.437	0.0	0.0	1.82	0.0	0.0	1.893	0.0	0.0	2.179	0.0
75	13710	13711	NS	1	0.0	91.988	10.81	0.0	29.141	15.76	0.0	174.569	13.509	0.0	64.707	15.32	0.0	1.408	0.0	0.0	1.82	0.0	0.0	1.889	0.0	0.0	2.178	0.0
76	13710	13711	NS	1	0.0	91.988	10.809	0.0	29.141	15.76	0.0	174.569	13.509	0.0	64.707	15.32	0.0	1.408	0.0	0.0	1.82	0.0	0.0	1.889	0.0	0.0	2.178	0.0
77	13710	13711	NS	1	0.0	91.988	10.832	0.0	29.141	15.53	0.0	174.569	13.706	0.0	18.017	15.053	0.0	1.408	0.0	0.0	1.82	0.0	0.0	1.889	0.0	0.0	2.178	0.0
78	13710	13711	SN	1	0.0	23.036	4.693	0.0	20.888	6.4	0.0	97.439	0.802	0.0	185.767	1.878	0.0	1.348	0.0	0.0	1.73	0.0	0.0	1.809	0.0	0.0	2.083	0.0
79	13710	13711	SN	1	0.0	23.036	4.693	0.0	20.888	6.4	0.0	97.439	0.802	0.0	185.767	1.878	0.0	1.348	0.0	0.0	1.73	0.0	0.0	1.809	0.0	0.0	2.083	0.0
80	13710	13711	NS	1	0.0	69.056	7.082	0.0	23.577	8.869	0.0	158.625	4.508	0.0	15.525	5.49	0.0	1.437	0.0	0.0	1.82	0.0	0.0	1.893	0.0	0.0	2.179	0.0
81	13710	13711	SN	1	0.0	28.959	12.439	0.0	167.83	12.913	0.0	77.331	7.147	0.0	72.288	9.847	0.0	1.38	0.0	0.0	1.733	0.0	0.0	1.798	0.0	0.0	2.083	0.0
82	13711	13712	NS	1	0.0	242.249	7.209	0.0	25.634	8.9	0.0	348.358	4.688	0.0	16.71	5.641	0.0	1.429	0.0	0.0	1.82	0.0	0.0	1.897	0.0	0.0	2.181	0.0
83	13711	13712	NS	1	0.0	163.749	10.69	0.0	29.158	15.825	0.0	343.687	13.415	0.0	134.98	15.25	0.0	1.411	0.0	0.0	1.82	0.0	0.0	1.886	0.0	0.0	2.18	0.0
84	13711	13712	NS	1	0.0	242.249	7.032	0.0	25.634	8.842	0.0	348.358	4.462	0.0	126.707	5.569	0.0	1.429	0.0	0.0	1.82	0.0	0.0	1.897	0.0	0.0	2.181	0.0
85	13711	13712	NS	1	0.0	163.749	10.69	0.0	29.158	15.825	0.0	343.687	13.415	0.0	134.98	15.25	0.0	1.411	0.0	0.0	1.82	0.0	0.0	1.886	0.0	0.0	2.18	0.0
86	13711	13712	NS	1	0.0	242.249	7.032	0.0	25.634	8.842	0.0	348.358	4.463	0.0	126.707	5.569	0.0	1.429	0.0	0.0	1.82	0.0	0.0	1.897	0.0	0.0	2.181	0.0
87	13711	13712	SN	1	0.0	28.331	12.375	0.0	23.549	12.835	0.0	96.364	7.179	0.0	49.674	9.812	0.0	1.391	0.0	0.0	1.733	0.0	0.0	1.798	0.0	0.0	2.083	0.0
88	13711	13712	SN	1	0.0	23.042	4.667	0.0	20.869	6.387	0.0	81.087	0.827	0.0	78.705	1.853	0.0	1.349	0.0	0.0	1.73	0.0	0.0	1.808	0.0	0.0	2.082	0.0
89	13711	13712	NS	1	0.0	163.749	10.783	0.0	29.158	15.358	0.0	343.687	13.949	0.0	16.688	14.619	0.0	1.411	0.0	0.0	1.82	0.0	0.0	1.886	0.0	0.0	2.18	0.0
90	13712	13713	NS	1	0.0	42.347	10.808	0.0	29.086	15.129	0.0	351.253	14.448	0.0	16.749	14.376	0.0	1.412	0.0	0.0	1.821	0.0	0.0	1.88	0.0	0.0	2.18	0.0
91	13712	13713	NS	1	0.0	42.347	10.662	0.0	29.086	15.763	0.0	351.253	13.323	0.0	184.714	15.071	0.0	1.412	0.0	0.0	1.821	0.0	0.0	1.88	0.0	0.0	2.18	0.0
92	13712	13713	NS	1	0.0	42.347	10.662	0.0	29.086	15.773	0.0	351.253	13.337	0.0	184.714	15.071	0.0	1.412	0.0	0.0	1.821	0.0	0.0	1.88	0.0	0.0	2.18	0.0
93	13712	13713	SN	1	0.0	23.058	4.669	0.0	95.688	6.386	0.0	77.541	0.813	0.0	78.754	1.881	0.0	1.35	0.0	0.0	1.73	0.0	0.0	1.794	0.0	0.0	2.082	0.0
94	13712	13713	SN	1	0.0	23.058	4.669	0.0	95.688	6.386	0.0	77.541	0.813	0.0	78.754	1.884	0.0	1.35	0.0	0.0	1.73	0.0	0.0	1.794	0.0	0.0	2.082	0.0
95	13712	13713	SN	1	0.0	28.149	12.372	0.0	144.336	12.895	0.0	93.082	7.165	0.0	59.146	9.907	0.0	1.386	0.0	0.0	1.732	0.0	0.0	1.797	0.0	0.0	2.083	0.0
96	13712	13713	SN	1	0.0	28.149	12.372	0.0	144.336	12.895	0.0	93.082	7.165	0.0	59.146	9.907	0.0	1.386	0.0	0.0	1.732	0.0	0.0	1.797	0.0	0.0	2.083	0.0
97	13712	13713	NS	1	0.0	54.315	7.443	0.0	25.661	8.963	0.0	322.426	4.95	0.0	16.738	5.882	0.0	1.419	0.0	0.0	1.82	0.0	0.0	1.894	0.0	0.0	2.181	0.0
98	13712	13713	NS	1	0.0	54.315	7.075	0.0	25.661	8.838	0.0	322.426	4.485	0.0	116.466	5.604	0.0	1.419	0.0	0.0	1.82	0.0	0.0	1.894	0.0	0.0	2.181	0.0
99	13712	13713	NS	1	0.0	54.315	7.075	0.0	25.661	8.847	0.0	322.426	4.483	0.0	116.433	5.605	0.0	1.419	0.0	0.0	1.82	0.0	0.0	1.894	0.0	0.0	2.181	0.0
100	13713	13714	NS	1	0.0	216.944	7.093	0.0	25.65	8.841	0.0	354.32	4.518	0.0	116.648	5.638	0.0	1.436	0.0	0.0	1.821	0.0	0.0	1.895	0.0	0.0	2.18	0.0
101	13713	13714	NS	1	0.0	24.878	10.709	0.0	31.584	15.82	0.0	352.737	13.389	0.0	144.835	15.296	0.0	1.411	0.0	0.0	1.823	0.0	0.0	1.874	0.0	0.0	2.18	0.0
102	13713	13714	SN	1	0.0	19.198	4.637	0.0	199.883	6.309	0.0	67.675	0.846	0.0	30.785	1.845	0.0	1.345	0.0	0.0	1.73	0.0	0.0	1.804	0.0	0.0	2.081	0.0
103	13713	13714	SN	1	0.0	19.198	4.637	0.0	199.883	6.309	0.0	67.675	0.846	0.0	30.785	1.845	0.0	1.345	0.0	0.0	1.73	0.0	0.0	1.804	0.0	0.0	2.081	0.0
104	13713	13714	SN	1	0.0	28.187	12.35	0.0	126.247	12.844	0.0	75.919	7.142	0.0	42.719	9.702	0.0	1.372	0.0	0.0	1.731	0.0	0.0	1.81	0.0	0.0	2.08	0.0
105	13713	13714	NS	1	0.0	23.836	7.102	0.0	25.65	8.836	0.0	354.32	4.515	0.0	116.648	5.647	0.0	1.436	0.0	0.0	1.821	0.0	0.0	1.895	0.0	0.0	2.18	0.0

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

106	13713	13714	NS	1	0.0	243.573	10.749	0.0	31.584	15.82	0.0	352.737	13.389	0.0	144.835	15.296	0.0	1.411	0.0	0.0	1.823	0.0	0.0	1.874	0.0	0.0	2.18	0.0
107	13713	13714	NS	1	0.0	24.878	10.857	0.0	29.136	15.182	0.0	352.737	15.275	0.0	16.76	14.656	0.0	1.411	0.0	0.0	1.823	0.0	0.0	1.874	0.0	0.0	2.18	0.0
108	13713	13714	SN	1	0.0	28.187	12.35	0.0	126.247	12.844	0.0	75.919	7.142	0.0	42.719	9.702	0.0	1.372	0.0	0.0	1.731	0.0	0.0	1.81	0.0	0.0	2.08	0.0
109	13713	13714	SN	1	0.0	19.198	4.671	0.0	199.883	6.183	0.0	67.675	0.905	0.0	11.162	1.591	0.0	1.345	0.0	0.0	1.73	0.0	0.0	1.804	0.0	0.0	2.081	0.0
110	13713	13714	NS	1	0.0	23.836	7.734	0.0	25.65	9.13	0.0	354.32	5.257	0.0	16.744	6.272	0.0	1.436	0.0	0.0	1.821	0.0	0.0	1.895	0.0	0.0	2.18	0.0
111	13714	13715	NS	1	0.0	78.785	7.066	0.0	25.645	8.843	0.0	354.402	4.498	0.0	182.789	5.594	0.0	1.432	0.0	0.0	1.82	0.0	0.0	1.893	0.0	0.0	2.179	0.0
112	13714	13715	SN	1	0.0	19.187	4.67	0.0	224.303	6.338	0.0	68.099	0.82	0.0	142.637	1.885	0.0	1.35	0.0	0.0	1.73	0.0	0.0	1.803	0.0	0.0	2.082	0.0
113	13714	13715	SN	1	0.0	28.419	12.342	0.0	206.915	12.65	0.0	76.124	7.224	0.0	99.334	9.292	0.0	1.366	0.0	0.0	1.732	0.0	0.0	1.775	0.0	0.0	2.081	0.0
114	13714	13715	SN	1	0.0	19.187	4.67	0.0	224.303	6.338	0.0	68.099	0.82	0.0	142.637	1.885	0.0	1.35	0.0	0.0	1.73	0.0	0.0	1.803	0.0	0.0	2.082	0.0
115	13714	13715	NS	1	0.0	124.521	10.792	0.0	31.612	15.813	0.0	353.04	13.467	0.0	143.418	15.25	0.0	1.413	0.0	0.0	1.822	0.0	0.0	1.869	0.0	0.0	2.179	0.0
116	13714	13715	SN	1	0.0	28.419	12.35	0.0	206.915	12.89	0.0	76.124	7.116	0.0	99.334	9.791	0.0	1.366	0.0	0.0	1.732	0.0	0.0	1.775	0.0	0.0	2.081	0.0
117	13714	13715	SN	1	0.0	28.419	12.35	0.0	206.915	12.89	0.0	76.124	7.123	0.0	99.334	9.791	0.0	1.366	0.0	0.0	1.732	0.0	0.0	1.775	0.0	0.0	2.081	0.0
118	13714	13715	SN	1	0.0	19.187	4.674	0.0	224.303	6.294	0.0	68.099	0.841	0.0	142.637	1.707	0.0	1.35	0.0	0.0	1.73	0.0	0.0	1.803	0.0	0.0	2.082	0.0
119	13715	13716	SN	1	0.0	23.003	4.687	0.0	19.451	6.375	0.0	23.996	0.824	0.0	192.079	1.807	0.0	1.346	0.0	0.0	1.731	0.0	0.0	1.808	0.0	0.0	2.083	0.0
120	13715	13716	NS	1	0.0	150.11	10.824	0.0	29.389	15.598	0.0	173.279	13.036	0.0	129.421	14.945	0.0	1.412	0.0	0.0	1.82	0.0	0.0	1.896	0.0	0.0	2.178	0.0
121	13715	13716	NS	1	0.0	150.11	10.674	0.0	29.389	15.651	0.0	232.438	13.073	0.0	75.092	14.986	0.0	1.412	0.0	0.0	1.822	0.0	0.0	1.868	0.0	0.0	2.179	0.0
122	13715	13716	NS	1	0.0	167.118	6.944	0.0	25.628	8.658	0.0	175.65	4.282	0.0	174.191	5.397	0.0	1.427	0.0	0.0	1.82	0.0	0.0	1.896	0.0	0.0	2.18	0.0
123	13715	13716	NS	1	0.0	160.285	6.953	0.0	25.628	8.678	0.0	163.445	4.289	0.0	174.191	5.41	0.0	1.425	0.0	0.0	1.82	0.0	0.0	1.896	0.0	0.0	2.179	0.0
124	13715	13716	SN	1	0.0	23.003	4.679	0.0	20.94	6.391	0.0	24.001	0.816	0.0	192.079	1.926	0.0	1.346	0.0	0.0	1.731	0.0	0.0	1.808	0.0	0.0	2.083	0.0
125	13715	13716	SN	1	0.0	28.126	12.321	0.0	27.997	12.819	0.0	40.828	7.225	0.0	274.418	9.736	0.0	1.382	0.0	0.0	1.733	0.0	0.0	1.802	0.0	0.0	2.079	0.0
126	13715	13716	SN	1	0.0	28.126	12.33	0.0	27.997	12.819	0.0	40.833	7.204	0.0	274.418	9.743	0.0	1.382	0.0	0.0	1.733	0.0	0.0	1.802	0.0	0.0	2.079	0.0
127	13715	13716	SN	1	0.0	23.003	4.687	0.0	19.446	6.373	0.0	24.001	0.827	0.0	192.079	1.804	0.0	1.346	0.0	0.0	1.731	0.0	0.0	1.808	0.0	0.0	2.083	0.0
128	13715	13716	SN	1	0.0	28.126	12.321	0.0	27.997	12.964	0.0	40.833	7.149	0.0	274.418	10.031	0.0	1.382	0.0	0.0	1.733	0.0	0.0	1.802	0.0	0.0	2.079	0.0
129	13716	13717	SN	1	0.0	23.053	4.747	0.0	18.723	6.369	0.0	70.333	0.815	0.0	11.664	1.75	0.0	1.347	0.0	0.0	1.731	0.0	0.0	1.811	0.0	0.0	2.082	0.0
130	13716	13717	SN	1	0.0	28.347	12.424	0.0	23.273	12.735	0.0	71.987	7.195	0.0	17.262	9.576	0.0	1.384	0.0	0.0	1.732	0.0	0.0	1.802	0.0	0.0	2.08	0.0
131	13716	13717	SN	1	0.0	28.347	12.401	0.0	23.582	12.917	0.0	71.987	7.135	0.0	45.642	9.921	0.0	1.384	0.0	0.0	1.732	0.0	0.0	1.802	0.0	0.0	2.08	0.0
132	13716	13717	NS	1	0.0	193.353	10.695	0.0	29.103	15.772	0.0	356.327	13.32	0.0	70.62	15.225	0.0	1.413	0.0	0.0	1.823	0.0	0.0	1.869	0.0	0.0	2.181	0.0
133	13716	13717	SN	1	0.0	23.053	4.737	0.0	20.918	6.392	0.0	70.333	0.803	0.0	62.65	1.887	0.0	1.347	0.0	0.0	1.731	0.0	0.0	1.811	0.0	0.0	2.082	0.0
134	13716	13717	NS	1	0.0	80.941	7.057	0.0	23.549	8.767	0.0	255.813	4.417	0.0	172.399	5.565	0.0	1.427	0.0	0.0	1.82	0.0	0.0	1.893	0.0	0.0	2.182	0.0
135	13717	13718	NS	1	0.0	152.275	7.039	0.0	23.555	8.724	0.0	157.815	4.323	0.0	181.488	5.531	0.0	1.432	0.0	0.0	1.82	0.0	0.0	1.896	0.0	0.0	2.18	0.0
136	13717	13718	SN	1	0.0	23.058	4.728	0.0	70.829	6.392	0.0	72.263	0.786	0.0	28.843	1.882	0.0	1.348	0.0	0.0	1.731	0.0	0.0	1.793	0.0	0.0	2.082	0.0
137	13717	13718	NS	1	0.0	150.822	10.617	0.0	29.114	15.664	0.0	162.309	13.184	0.0	66.605	15.023	0.0	1.391	0.0	0.0	1.82	0.0	0.0	1.895	0.0	0.0	2.178	0.0
138	13717	13718	NS	1	0.0	252.907	7.026	0.0	23.555	8.71	0.0	157.837	4.324	0.0	181.499	5.526	0.0	1.432	0.0	0.0	1.82	0.0	0.0	1.896	0.0	0.0	2.18	0.0
139	13717	13718	SN	1	0.0	28.16	12.37	0.0	47.035	12.627	0.0	78.561	7.072	0.0	16.131	9.509	0.0	1.379	0.0	0.0	1.732	0.0	0.0	1.784	0.0	0.0	2.083	0.0
140	13717	13718	NS	1	0.0	92.313	10.627	0.0	29.114	15.654	0.0	162.309	13.191	0.0	66.605	15.037	0.0	1.391	0.0	0.0	1.82	0.0	0.0	1.895	0.0	0.0	2.178	0.0
141	13717	13718	SN	1	0.0	23.058	4.737	0.0	70.829	6.347	0.0	72.263	0.806	0.0	11.626	1.728	0.0	1.348	0.0	0.0	1.731	0.0	0.0	1.793	0.0	0.0	2.082	0.0
142	13717	13718	SN	1	0.0	28.16	12.361	0.0	47.035	12.839	0.0	78.561	6.977	0.0	44.771	10.022	0.0	1.379	0.0	0.0	1.732	0.0	0.0	1.784	0.0	0.0	2.083	0.0

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

143	13718	13719	NS	1	0.0	158.173	10.671	0.0	29.941	15.659	0.0	144.551	13.246	0.0	70.393	14.972	0.0	1.403	0.0	0.0	1.82	0.0	0.0	1.892	0.0	0.0	2.178	0.0
144	13718	13719	SN	1	0.0	28.143	12.405	0.0	30.087	12.925	0.0	78.17	7.126	0.0	45.857	10.085	0.0	1.38	0.0	0.0	1.732	0.0	0.0	1.786	0.0	0.0	2.083	0.0
145	13718	13719	NS	1	0.0	158.173	10.651	0.0	29.935	15.657	0.0	144.54	13.233	0.0	70.416	14.979	0.0	1.403	0.0	0.0	1.82	0.0	0.0	1.892	0.0	0.0	2.178	0.0
146	13718	13719	SN	1	0.0	28.143	12.405	0.0	30.087	12.914	0.0	78.17	7.126	0.0	45.879	10.085	0.0	1.38	0.0	0.0	1.732	0.0	0.0	1.786	0.0	0.0	2.083	0.0
147	13718	13719	SN	1	0.0	23.058	4.757	0.0	20.855	6.424	0.0	46.155	0.805	0.0	28.888	1.901	0.0	1.35	0.0	0.0	1.731	0.0	0.0	1.813	0.0	0.0	2.082	0.0
148	13718	13719	SN	1	0.0	28.143	12.429	0.0	30.087	12.565	0.0	78.17	7.265	0.0	15.442	9.344	0.0	1.38	0.0	0.0	1.732	0.0	0.0	1.786	0.0	0.0	2.083	0.0
149	13718	13719	SN	1	0.0	23.058	4.766	0.0	18.051	6.346	0.0	46.155	0.835	0.0	11.615	1.732	0.0	1.35	0.0	0.0	1.731	0.0	0.0	1.813	0.0	0.0	2.082	0.0
150	13718	13719	NS	1	0.0	157.04	7.038	0.0	25.617	8.796	0.0	350.922	4.36	0.0	134.147	5.501	0.0	1.432	0.0	0.0	1.82	0.0	0.0	1.892	0.0	0.0	2.18	0.0
151	13718	13719	NS	1	0.0	157.04	7.031	0.0	25.617	8.787	0.0	350.917	4.353	0.0	134.097	5.499	0.0	1.42	0.0	0.0	1.82	0.0	0.0	1.892	0.0	0.0	2.18	0.0
152	13718	13719	SN	1	0.0	23.058	4.757	0.0	20.855	6.424	0.0	46.155	0.805	0.0	40.326	1.901	0.0	1.35	0.0	0.0	1.731	0.0	0.0	1.813	0.0	0.0	2.082	0.0
153	13719	13720	SN	1	0.0	179.921	12.622	0.0	85.177	12.881	0.0	187.637	7.267	0.0	248.886	9.86	0.0	1.372	0.0	0.0	1.732	0.0	0.0	1.799	0.0	0.0	2.083	0.0
154	13719	13720	SN	1	0.0	157.194	4.752	0.0	94.497	6.34	0.0	186.727	0.874	0.0	109.944	1.872	0.0	1.351	0.0	0.0	1.73	0.0	0.0	1.796	0.0	0.0	2.082	0.0
155	13719	13720	NS	1	0.0	148.467	10.66	0.0	29.097	15.755	0.0	140.277	13.161	0.0	190.372	15.069	0.0	1.407	0.0	0.0	1.819	0.0	0.0	1.887	0.0	0.0	2.179	0.0
156	13719	13720	SN	1	0.0	157.194	4.768	0.0	94.497	6.222	0.0	186.727	0.921	0.0	109.944	1.648	0.0	1.351	0.0	0.0	1.73	0.0	0.0	1.796	0.0	0.0	2.082	0.0
157	13719	13720	SN	1	0.0	179.921	12.649	0.0	85.177	12.484	0.0	187.637	7.466	0.0	248.886	8.902	0.0	1.372	0.0	0.0	1.732	0.0	0.0	1.799	0.0	0.0	2.083	0.0
158	13719	13720	NS	1	0.0	148.434	10.704	0.0	29.103	15.714	0.0	140.327	13.169	0.0	73.372	15.029	0.0	1.396	0.0	0.0	1.819	0.0	0.0	1.886	0.0	0.0	2.179	0.0
159	13719	13720	NS	1	0.0	122.645	7.02	0.0	25.612	8.735	0.0	148.715	4.399	0.0	137.075	5.488	0.0	1.433	0.0	0.0	1.82	0.0	0.0	1.893	0.0	0.0	2.181	0.0
160	13719	13720	NS	1	0.0	122.645	7.017	0.0	23.555	8.742	0.0	148.842	4.401	0.0	136.998	5.481	0.0	1.433	0.0	0.0	1.82	0.0	0.0	1.893	0.0	0.0	2.181	0.0
161	13720	13721	SN	1	0.0	19.209	4.698	0.0	130.372	6.282	0.0	66.417	0.842	0.0	41.101	1.667	0.0	1.351	0.0	0.0	1.73	0.0	0.0	1.799	0.0	0.0	2.081	0.0
162	13720	13721	SN	1	0.0	28.104	12.419	0.0	266.14	12.477	0.0	72.55	7.286	0.0	68.67	9.015	0.0	1.372	0.0	0.0	1.731	0.0	0.0	1.799	0.0	0.0	2.083	0.0
163	13720	13721	NS	1	0.0	191.798	7.033	0.0	25.639	8.774	0.0	299.942	4.424	0.0	140.478	5.516	0.0	1.433	0.0	0.0	1.831	0.0	0.0	1.895	0.0	0.0	2.183	0.0
164	13720	13721	SN	1	0.0	28.104	12.402	0.0	266.14	12.844	0.0	72.55	7.122	0.0	68.67	9.893	0.0	1.372	0.0	0.0	1.731	0.0	0.0	1.799	0.0	0.0	2.083	0.0
165	13720	13721	NS	1	0.0	210.185	10.757	0.0	29.125	15.775	0.0	219.985	13.231	0.0	183.567	15.239	0.0	1.396	0.0	0.0	1.82	0.0	0.0	1.887	0.0	0.0	2.179	0.0
166	13720	13721	SN	1	0.0	19.209	4.69	0.0	130.372	6.381	0.0	66.417	0.808	0.0	49.111	1.862	0.0	1.351	0.0	0.0	1.73	0.0	0.0	1.799	0.0	0.0	2.081	0.0
167	13720	13721	NS	1	0.0	191.798	7.035	0.0	25.661	8.779	0.0	299.787	4.429	0.0	140.384	5.519	0.0	1.433	0.0	0.0	1.831	0.0	0.0	1.895	0.0	0.0	2.183	0.0
168	13720	13721	NS	1	0.0	210.185	10.745	0.0	29.125	15.764	0.0	152.906	13.224	0.0	148.706	15.246	0.0	1.396	0.0	0.0	1.82	0.0	0.0	1.887	0.0	0.0	2.179	0.0
169	13721	13722	SN	1	0.0	19.198	4.65	0.0	74.941	6.296	0.0	67.233	0.756	0.0	269.962	1.783	0.0	1.346	0.0	0.0	1.729	0.0	0.0	1.808	0.0	0.0	2.081	0.0
170	13721	13722	NS	1	0.0	24.845	10.657	0.0	29.092	15.688	0.0	354.215	13.063	0.0	75.313	15.137	0.0	1.404	0.0	0.0	1.821	0.0	0.0	1.888	0.0	0.0	2.18	0.0
171	13721	13722	SN	1	0.0	19.198	4.662	0.0	135.948	6.294	0.0	67.305	0.76	0.0	60.05	1.783	0.0	1.346	0.0	0.0	1.729	0.0	0.0	1.808	0.0	0.0	2.081	0.0
172	13721	13722	SN	1	0.0	27.172	12.376	0.0	49.246	12.89	0.0	75.01	6.89	0.0	244.698	9.733	0.0	1.357	0.0	0.0	1.732	0.0	0.0	1.784	0.0	0.0	2.081	0.0
173	13721	13722	SN	1	0.0	27.167	12.376	0.0	136.267	12.953	0.0	74.927	6.889	0.0	67.178	9.704	0.0	1.375	0.0	0.0	1.732	0.0	0.0	1.784	0.0	0.0	2.081	0.0
174	13721	13722	NS	1	0.0	23.819	7.063	0.0	25.661	8.752	0.0	354.215	4.475	0.0	133.093	5.523	0.0	1.434	0.0	0.0	1.823	0.0	0.0	1.899	0.0	0.0	2.183	0.0
175	13722	13723	SN	1	0.0	22.992	4.662	0.0	20.946	6.323	0.0	64.487	0.805	0.0	278.334	1.779	0.0	1.351	0.0	0.0	1.729	0.0	0.0	1.796	0.0	0.0	2.082	0.0
176	13722	13723	NS	1	0.0	23.88	7.075	0.0	25.645	8.802	0.0	255.857	4.469	0.0	141.796	5.594	0.0	1.433	0.0	0.0	1.821	0.0	0.0	1.897	0.0	0.0	2.181	0.0
177	13722	13723	NS	1	0.0	24.591	10.692	0.0	31.733	15.813	0.0	356.277	13.313	0.0	143.655	15.243	0.0	1.412	0.0	0.0	1.823	0.0	0.0	1.876	0.0	0.0	2.18	0.0
178	13722	13723	SN	1	0.0	28.513	12.461	0.0	23.582	12.887	0.0	71.96	7.064	0.0	63.533	9.764	0.0	1.378	0.0	0.0	1.733	0.0	0.0	1.772	0.0	0.0	2.081	0.0
179	13723	13724	SN	1	0.0	23.036	4.655	0.0	20.888	6.287	0.0	72.649	0.822	0.0	40.739	1.747	0.0	1.351	0.0	0.0	1.741	0.0	0.0	1.793	0.0	0.0	2.083	0.0

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



180	13723	13724	SN	1	0.0	28.093	12.386	0.0	36.154	12.842	0.0	75.671	7.009	0.0	102.262	9.698	0.0	1.365	0.0	0.0	1.731	0.0	0.0	1.797	0.0	0.0	2.082	0.0
181	13723	13724	NS	1	0.0	70.065	10.766	0.0	29.114	15.801	0.0	264.844	13.346	0.0	141.256	15.251	0.0	1.413	0.0	0.0	1.822	0.0	0.0	1.869	0.0	0.0	2.179	0.0
182	13723	13724	NS	1	0.0	70.065	10.766	0.0	29.114	15.801	0.0	264.844	13.346	0.0	141.256	15.251	0.0	1.413	0.0	0.0	1.822	0.0	0.0	1.869	0.0	0.0	2.179	0.0
183	13723	13724	NS	1	0.0	23.858	7.11	0.0	23.56	8.791	0.0	216.533	4.475	0.0	130.54	5.622	0.0	1.427	0.0	0.0	1.821	0.0	0.0	1.896	0.0	0.0	2.181	0.0
184	13723	13724	NS	1	0.0	23.858	7.11	0.0	23.56	8.791	0.0	216.533	4.475	0.0	130.54	5.622	0.0	1.427	0.0	0.0	1.821	0.0	0.0	1.896	0.0	0.0	2.181	0.0
185	13724	13725	NS	1	0.0	24.608	10.613	0.0	29.092	15.682	0.0	350.955	13.165	0.0	144.234	15.133	0.0	1.411	0.0	0.0	1.821	0.0	0.0	1.887	0.0	0.0	2.181	0.0
186	13724	13725	SN	1	0.0	28.115	12.429	0.0	277.584	12.857	0.0	81.859	7.076	0.0	263.543	9.771	0.0	1.398	0.0	0.0	1.731	0.0	0.0	1.797	0.0	0.0	2.083	0.0
187	13724	13725	NS	1	0.0	23.847	7.074	0.0	25.645	8.739	0.0	355.533	4.475	0.0	123.652	5.537	0.0	1.435	0.0	0.0	1.821	0.0	0.0	1.896	0.0	0.0	2.181	0.0
188	13724	13725	SN	1	0.0	23.02	4.685	0.0	20.888	6.346	0.0	63.34	0.804	0.0	263.543	1.788	0.0	1.35	0.0	0.0	1.73	0.0	0.0	1.808	0.0	0.0	2.081	0.0
189	13724	13725	NS	1	0.0	23.847	7.135	0.0	25.645	8.734	0.0	355.533	4.554	0.0	16.716	5.504	0.0	1.435	0.0	0.0	1.821	0.0	0.0	1.896	0.0	0.0	2.181	0.0
190	13724	13725	NS	1	0.0	24.608	10.613	0.0	29.092	15.474	0.0	350.955	13.342	0.0	17.769	14.924	0.0	1.411	0.0	0.0	1.821	0.0	0.0	1.887	0.0	0.0	2.181	0.0
191	13725	13726	SN	1	0.0	28.264	12.361	0.0	24.294	12.747	0.0	91.825	6.989	0.0	44.407	9.709	0.0	1.363	0.0	0.0	1.731	0.0	0.0	1.804	0.0	0.0	2.08	0.0
192	13725	13726	NS	1	0.0	155.153	10.612	0.0	29.097	15.706	0.0	351.766	12.964	0.0	151.833	15.2	0.0	1.41	0.0	0.0	1.821	0.0	0.0	1.889	0.0	0.0	2.181	0.0
193	13725	13726	NS	1	0.0	206.391	7.103	0.0	25.661	8.772	0.0	355.88	4.511	0.0	114.828	5.619	0.0	1.435	0.0	0.0	1.821	0.0	0.0	1.898	0.0	0.0	2.182	0.0
194	13725	13726	NS	1	0.0	206.391	7.225	0.0	25.661	8.814	0.0	355.88	4.661	0.0	16.738	5.635	0.0	1.435	0.0	0.0	1.821	0.0	0.0	1.898	0.0	0.0	2.182	0.0
195	13725	13726	SN	1	0.0	23.042	4.638	0.0	20.83	6.294	0.0	76.923	0.82	0.0	27.371	1.685	0.0	1.352	0.0	0.0	1.729	0.0	0.0	1.793	0.0	0.0	2.08	0.0
196	13725	13726	NS	1	0.0	206.391	7.103	0.0	25.661	8.772	0.0	355.88	4.511	0.0	114.844	5.62	0.0	1.435	0.0	0.0	1.821	0.0	0.0	1.898	0.0	0.0	2.182	0.0
197	13725	13726	SN	1	0.0	28.264	12.361	0.0	24.294	12.747	0.0	91.825	6.989	0.0	44.407	9.709	0.0	1.363	0.0	0.0	1.731	0.0	0.0	1.804	0.0	0.0	2.08	0.0
198	13725	13726	NS	1	0.0	155.153	10.612	0.0	29.097	15.706	0.0	351.766	12.964	0.0	151.817	15.2	0.0	1.41	0.0	0.0	1.821	0.0	0.0	1.889	0.0	0.0	2.181	0.0
199	13725	13726	SN	1	0.0	23.042	4.638	0.0	20.83	6.294	0.0	76.923	0.822	0.0	27.371	1.685	0.0	1.352	0.0	0.0	1.729	0.0	0.0	1.793	0.0	0.0	2.08	0.0
200	13725	13726	NS	1	0.0	155.153	10.691	0.0	29.097	15.338	0.0	351.766	13.29	0.0	16.755	14.647	0.0	1.41	0.0	0.0	1.821	0.0	0.0	1.889	0.0	0.0	2.181	0.0
201	13726	13727	NS	1	0.0	78.873	7.404	0.0	25.667	8.956	0.0	220.526	4.912	0.0	16.755	5.795	0.0	1.431	0.0	0.0	1.822	0.0	0.0	1.898	0.0	0.0	2.182	0.0
202	13726	13727	NS	1	0.0	78.873	7.136	0.0	25.667	8.79	0.0	220.526	4.57	0.0	132.134	5.649	0.0	1.431	0.0	0.0	1.822	0.0	0.0	1.898	0.0	0.0	2.182	0.0
203	13726	13727	SN	1	0.0	28.342	12.387	0.0	102.041	12.831	0.0	88.736	6.968	0.0	71.987	9.659	0.0	1.361	0.0	0.0	1.73	0.0	0.0	1.802	0.0	0.0	2.079	0.0
204	13726	13727	SN	1	0.0	28.342	12.387	0.0	102.041	12.831	0.0	88.736	6.968	0.0	71.987	9.652	0.0	1.361	0.0	0.0	1.73	0.0	0.0	1.802	0.0	0.0	2.079	0.0
205	13726	13727	NS	1	0.0	122.932	10.711	0.0	29.5	15.81	0.0	244.45	12.993	0.0	143.065	15.233	0.0	1.411	0.0	0.0	1.824	0.0	0.0	1.876	0.0	0.0	2.182	0.0
206	13726	13727	NS	1	0.0	122.932	10.711	0.0	29.494	15.81	0.0	244.45	13.0	0.0	143.043	15.233	0.0	1.411	0.0	0.0	1.824	0.0	0.0	1.876	0.0	0.0	2.182	0.0
207	13726	13727	SN	1	0.0	23.014	4.645	0.0	20.803	6.268	0.0	73.598	0.801	0.0	52.569	1.71	0.0	1.349	0.0	0.0	1.729	0.0	0.0	1.792	0.0	0.0	2.08	0.0
208	13726	13727	NS	1	0.0	78.873	7.145	0.0	25.667	8.792	0.0	220.526	4.574	0.0	132.106	5.65	0.0	1.431	0.0	0.0	1.822	0.0	0.0	1.898	0.0	0.0	2.182	0.0
209	13726	13727	SN	1	0.0	23.014	4.645	0.0	20.803	6.268	0.0	73.598	0.801	0.0	52.569	1.708	0.0	1.349	0.0	0.0	1.729	0.0	0.0	1.792	0.0	0.0	2.08	0.0
210	13726	13727	NS	1	0.0	122.932	10.863	0.0	29.103	15.239	0.0	244.45	13.795	0.0	16.771	14.491	0.0	1.411	0.0	0.0	1.824	0.0	0.0	1.876	0.0	0.0	2.182	0.0
211	13727	13728	NS	1	0.0	162.444	7.189	0.0	25.678	8.829	0.0	239.795	4.653	0.0	174.859	5.688	0.0	1.42	0.0	0.0	1.822	0.0	0.0	1.899	0.0	0.0	2.182	0.0
212	13727	13728	NS	1	0.0	209.485	10.741	0.0	29.516	15.841	0.0	220.752	12.985	0.0	129.239	15.353	0.0	1.4	0.0	0.0	1.824	0.0	0.0	1.878	0.0	0.0	2.182	0.0
213	13727	13728	SN	1	0.0	28.314	12.599	0.0	127.162	12.322	0.0	75.578	7.37	0.0	13.208	8.385	0.0	1.383	0.0	0.0	1.731	0.0	0.0	1.789	0.0	0.0	2.081	0.0
214	13727	13728	NS	1	0.0	209.485	10.741	0.0	29.511	15.841	0.0	220.752	12.985	0.0	129.2	15.346	0.0	1.4	0.0	0.0	1.824	0.0	0.0	1.878	0.0	0.0	2.182	0.0
215	13727	13728	SN	1	0.0	22.981	4.692	0.0	18.045	6.163	0.0	67.796	0.894	0.0	11.036	1.445	0.0	1.347	0.0	0.0	1.728	0.0	0.0	1.797	0.0	0.0	2.08	0.0
216	13727	13728	NS	1	0.0	162.444	7.189	0.0	25.678	8.829	0.0	239.795	4.653	0.0	174.925	5.689	0.0	1.42	0.0	0.0	1.822	0.0	0.0	1.899	0.0	0.0	2.182	0.0

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

217	13727	13728	SN	1	0.0	28.314	12.52	0.0	127.162	12.854	0.0	75.578	7.042	0.0	45.493	9.707	0.0	1.383	0.0	0.0	1.731	0.0	0.0	1.789	0.0	0.0	2.081	0.0
218	13727	13728	SN	1	0.0	28.309	12.51	0.0	55.544	12.864	0.0	75.583	7.028	0.0	45.482	9.693	0.0	1.384	0.0	0.0	1.731	0.0	0.0	1.794	0.0	0.0	2.081	0.0
219	13727	13728	SN	1	0.0	22.981	4.646	0.0	195.603	6.327	0.0	67.796	0.828	0.0	46.26	1.732	0.0	1.359	0.0	0.0	1.728	0.0	0.0	1.798	0.0	0.0	2.08	0.0
220	13727	13728	SN	1	0.0	22.981	4.639	0.0	20.885	6.321	0.0	67.796	0.824	0.0	41.528	1.734	0.0	1.347	0.0	0.0	1.728	0.0	0.0	1.797	0.0	0.0	2.08	0.0
221	13727	13728	NS	1	0.0	209.485	10.953	0.0	29.092	15.229	0.0	220.752	14.485	0.0	16.771	14.568	0.0	1.4	0.0	0.0	1.824	0.0	0.0	1.878	0.0	0.0	2.182	0.0
222	13727	13728	NS	1	0.0	162.444	7.682	0.0	25.678	9.13	0.0	239.795	5.284	0.0	16.755	6.153	0.0	1.42	0.0	0.0	1.822	0.0	0.0	1.899	0.0	0.0	2.182	0.0
223	13728	13729	NS	1	0.0	260.201	10.706	0.0	29.527	15.787	0.0	354.325	13.043	0.0	134.82	15.213	0.0	1.413	0.0	0.0	1.824	0.0	0.0	1.878	0.0	0.0	2.182	0.0
224	13728	13729	NS	1	0.0	255.24	7.17	0.0	25.667	8.794	0.0	163.429	4.585	0.0	182.48	5.633	0.0	1.429	0.0	0.0	1.822	0.0	0.0	1.898	0.0	0.0	2.183	0.0
225	13728	13729	NS	1	0.0	206.165	7.175	0.0	25.667	8.796	0.0	133.962	4.587	0.0	182.403	5.637	0.0	1.429	0.0	0.0	1.822	0.0	0.0	1.898	0.0	0.0	2.183	0.0
226	13728	13729	NS	1	0.0	241.19	10.716	0.0	29.527	15.797	0.0	354.325	13.057	0.0	134.886	15.213	0.0	1.413	0.0	0.0	1.824	0.0	0.0	1.878	0.0	0.0	2.182	0.0

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