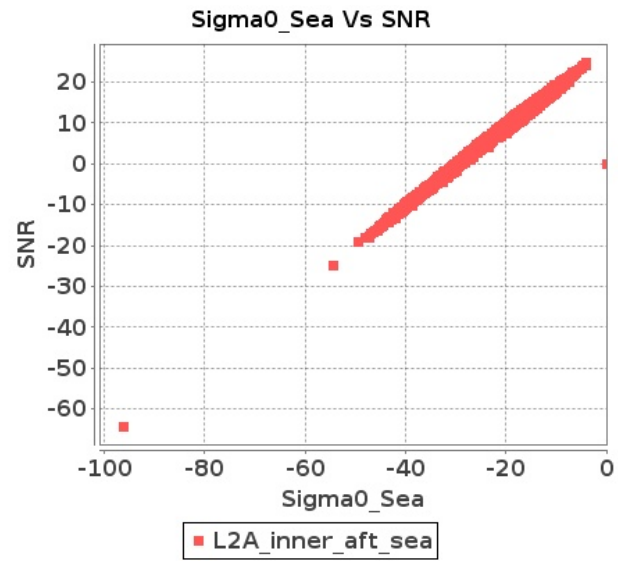


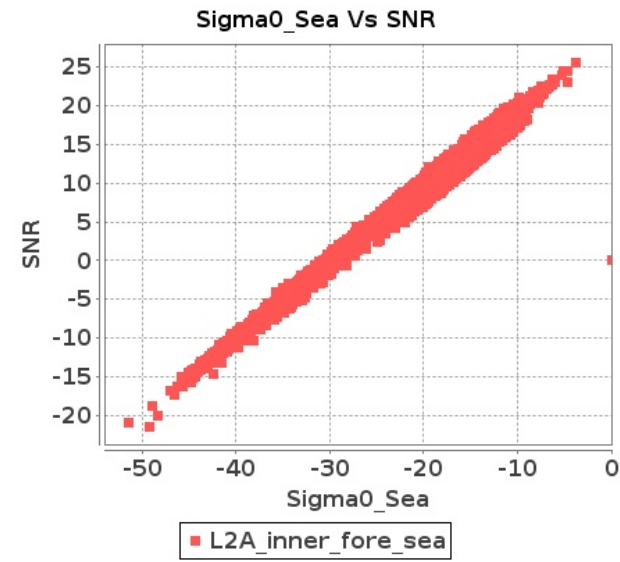
SCATSAT-1 Scatterometer Level-2A Data Quality Cycle wise Report

Report between 08-AUG-2019 To 09-AUG-2019

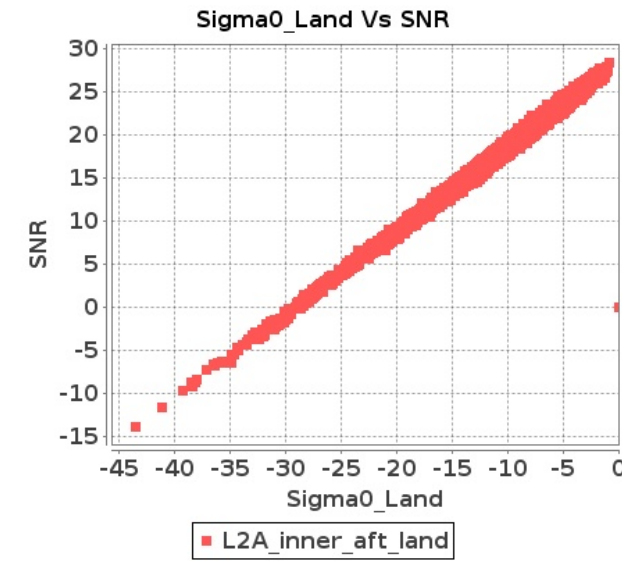
Inner Sea Aft Sigma0VsSNR



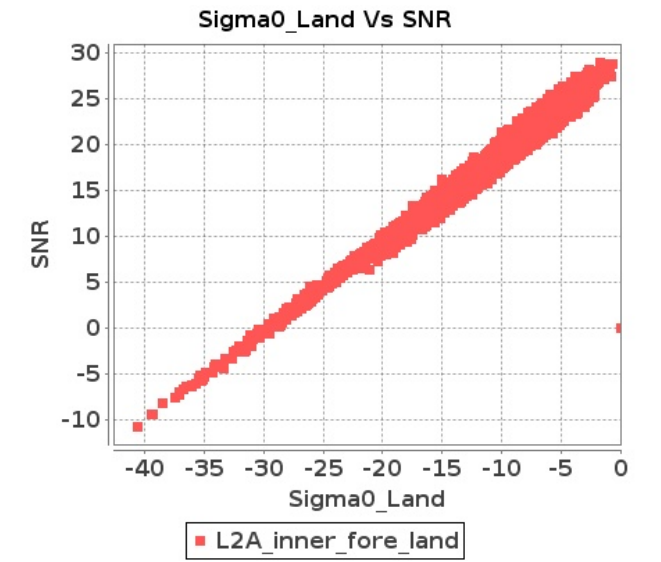
Inner Sea Fore Sigma0VsSNR



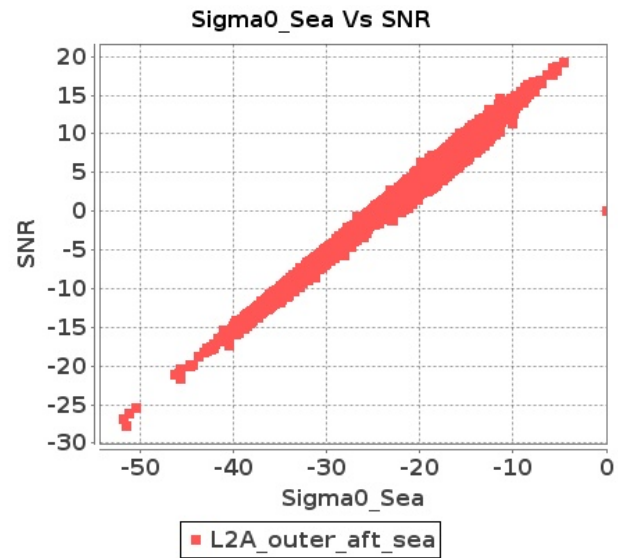
Inner Land Aft Sigma0VsSNR



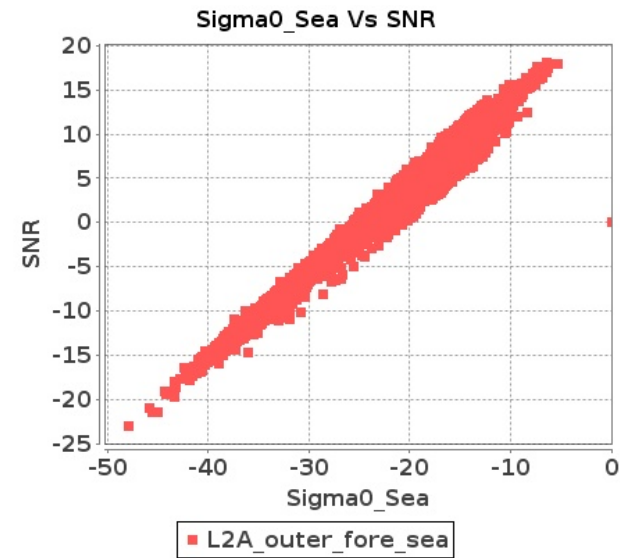
Inner Land Fore Sigma0VsSNR



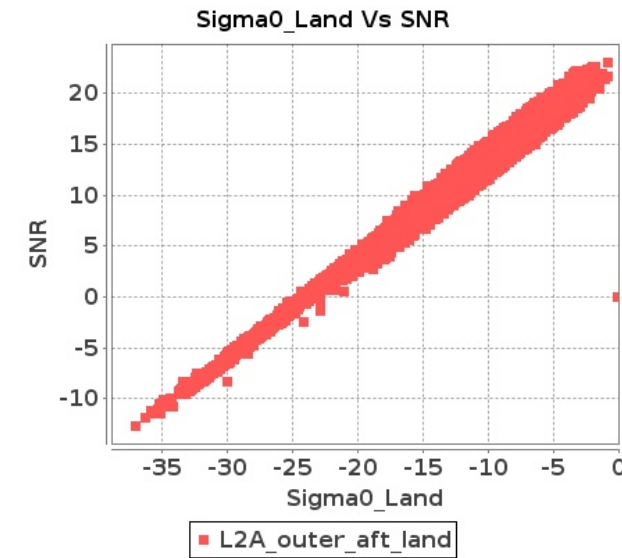
Outer Sea Aft Sigma0VsSNR



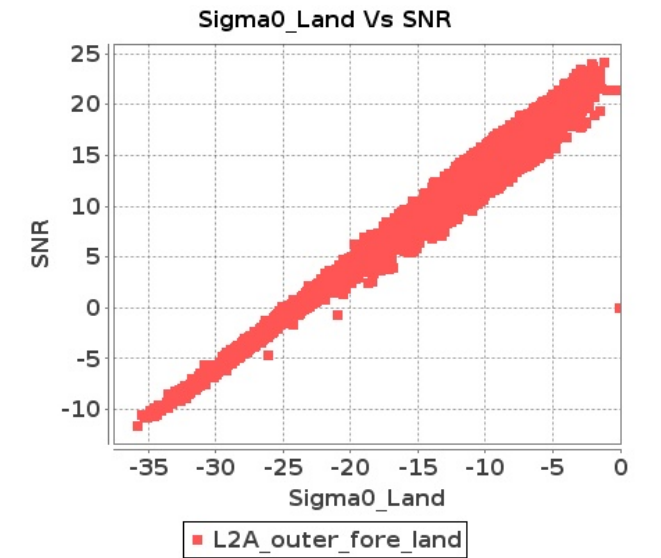
Outer Sea Fore Sigma0VsSNR



Outer Land Aft Sigma0VsSNR



Outer Land Fore Sigma0VsSNR



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

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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	15164	15165	SN	1	0.0	50.855	6.066	0.0	49.11	7.055	0.0	45.307	4.66	0.0	49.803	6.021	0.0	50.305	6.086	0.0	48.92	6.811	0.0	47.636	4.575	0.0	47.584	5.415
2	15164	15165	SN	1	0.0	50.381	6.088	0.0	49.11	7.077	0.0	45.316	4.652	0.0	49.803	6.016	0.0	50.135	6.088	0.0	48.92	6.838	0.0	47.634	4.557	0.0	47.584	5.39
3	15164	15165	SN	1	0.0	50.307	1.64	0.0	46.447	2.129	0.0	47.123	1.126	0.0	49.792	1.689	0.0	50.037	1.677	0.0	44.37	2.032	0.0	43.45	1.137	0.0	47.804	1.455
4	15164	15165	NS	1	0.0	45.05	1.345	0.0	48.443	1.834	0.0	48.777	1.261	0.0	41.758	1.688	0.0	45.194	1.35	0.0	51.418	1.658	0.0	46.759	1.16	0.0	40.435	1.364
5	15164	15165	NS	1	0.0	51.011	5.211	0.0	52.952	6.399	0.0	49.17	4.761	0.0	47.109	6.04	0.0	52.198	5.14	0.0	51.47	5.932	0.0	47.566	4.47	0.0	47.966	5.017
6	15164	15165	SN	1	0.0	47.592	1.63	0.0	46.622	2.106	0.0	47.123	1.131	0.0	49.792	1.686	0.0	46.718	1.662	0.0	45.414	2.013	0.0	43.45	1.133	0.0	47.804	1.471
7	15164	15165	SN	1	0.0	50.38	6.056	0.0	51.264	7.024	0.0	44.733	4.625	0.0	50.042	6.021	0.0	50.135	6.117	0.0	51.465	6.78	0.0	47.537	4.533	0.0	47.822	5.436
8	15164	15165	SN	1	0.0	43.547	1.651	0.0	47.645	2.095	0.0	46.757	1.144	0.0	49.733	1.685	0.0	43.239	1.68	0.0	46.438	2.0	0.0	43.084	1.147	0.0	48.31	1.475
9	15165	15166	NS	1	0.0	39.269	0.458	0.0	44.252	0.625	0.0	42.635	0.386	0.0	42.151	0.608	0.0	38.947	0.472	0.0	43.254	0.55	0.0	42.265	0.358	0.0	42.031	0.434
10	15165	15166	NS	1	0.0	45.865	2.027	0.0	48.709	2.647	0.0	40.652	1.47	0.0	43.12	1.854	0.0	47.113	2.057	0.0	49.554	2.464	0.0	40.212	1.321	0.0	42.199	1.556
11	15165	15166	NS	1	0.0	45.862	2.037	0.0	48.709	2.647	0.0	40.652	1.47	0.0	43.107	1.861	0.0	47.108	2.057	0.0	49.554	2.474	0.0	40.212	1.314	0.0	42.186	1.556
12	15165	15166	SN	1	0.0	44.069	4.622	0.0	48.209	5.149	0.0	43.82	3.203	0.0	40.986	4.128	0.0	44.074	4.754	0.0	48.351	5.057	0.0	42.963	3.203	0.0	43.966	3.965
13	15165	15166	SN	1	0.0	47.134	1.086	0.0	42.136	1.423	0.0	40.239	0.909	0.0	45.615	1.255	0.0	46.589	1.097	0.0	41.604	1.401	0.0	40.325	0.925	0.0	45.076	1.114
14	15165	15166	SN	1	0.0	47.767	1.073	0.0	42.524	1.408	0.0	39.302	0.895	0.0	49.035	1.244	0.0	47.131	1.098	0.0	42.761	1.398	0.0	38.586	0.936	0.0	48.485	1.109
15	15165	15166	SN	1	0.0	47.134	1.084	0.0	42.136	1.41	0.0	40.239	0.903	0.0	45.615	1.239	0.0	46.589	1.096	0.0	41.604	1.387	0.0	40.325	0.918	0.0	45.076	1.097
16	15165	15166	NS	1	0.0	40.634	0.463	0.0	44.253	0.616	0.0	42.92	0.386	0.0	40.029	0.604	0.0	39.51	0.476	0.0	43.256	0.539	0.0	42.547	0.36	0.0	42.018	0.434
17	15165	15166	SN	1	0.857	43.593	4.594	0.0	56.193	5.143	0.0	43.208	3.182	0.0	42.679	4.117	0.393	43.196	4.687	0.0	56.253	5.02	0.0	41.786	3.189	0.0	43.877	3.98
18	15165	15166	SN	1	0.837	44.069	4.594	0.0	48.209	5.102	0.0	43.82	3.175	0.0	40.986	4.117	0.416	44.074	4.717	0.0	48.351	4.999	0.0	42.963	3.168	0.0	43.966	3.944
19	15166	15167	NS	1	0.0	44.001	1.105	0.0	45.2	1.622	0.0	41.444	1.606	0.0	41.116	2.224	0.0	44.23	1.084	0.0	45.024	1.359	0.0	43.199	1.385	0.0	41.008	1.556
20	15166	15167	SN	1	0.0	39.336	1.588	0.0	41.948	1.928	0.0	42.259	1.854	0.0	39.425	2.283	0.0	40.267	1.604	0.0	42.104	1.767	0.0	43.317	1.877	0.0	37.664	2.186
21	15166	15167	SN	1	0.0	41.542	5.815	0.0	45.513	6.353	0.0	44.47	5.762	0.0	45.217	6.601	0.0	42.246	5.743	0.0	46.653	6.116	0.0	47.809	5.842	0.0	47.469	6.304
22	15166	15167	SN	1	0.0	41.542	5.779	0.0	45.513	6.313	0.0	44.47	5.746	0.0	47.287	6.601	0.0	42.246	5.718	0.0	46.653	6.048	0.0	47.809	5.824	0.0	47.543	6.295
23	15166	15167	SN	1	0.0	42.156	5.84	0.0	45.519	6.293	0.0	42.267	5.675	0.0	43.253	6.637	0.0	43.404	5.728	0.0	46.657	6.048	0.0	45.602	5.774	0.0	44.616	6.252
24	15166	15167	NS	1	0.0	40.742	0.325	0.0	47.221	0.453	0.0	39.246	0.516	0.0	40.14	0.701	0.0	40.285	0.316	0.0	51.143	0.352	0.0	39.478	0.434	0.0	38.442	0.439
25	15166	15167	SN	1	0.0	40.757	1.553	0.0	41.948	1.917	0.0	40.039	1.834	0.0	39.425	2.261	0.0	41.676	1.594	0.0	42.104	1.769	0.0	41.094	1.811	0.0	37.636	2.167
26	15166	15167	SN	1	0.0	39.336	1.566	0.0	41.948	1.898	0.0	42.258	1.841	0.0	39.425	2.271	0.0	40.267	1.584	0.0	42.104	1.751	0.0	43.315	1.864	0.0	38.199	2.177
27	15167	15168	SN	1	0.0	43.977	1.338	0.0	45.745	1.767	0.0	36.132	1.504	0.0	37.988	2.283	0.0	43.576	1.266	0.0	45.454	1.676	0.0	35.871	1.435	0.0	35.517	1.967
28	15167	15168	SN	1	0.0	45.301	5.664	0.0	48.034	6.692	0.0	43.901	4.409	0.0	43.403	6.405	0.0	46.183	5.654	0.0	47.974	6.346	0.0	44.764	4.366	0.0	44.356	6.049
29	15167	15168	NS	1	0.0	44.315	1.014	0.0	51.291	1.529	0.0	39.165	0.722	0.0	42.688	1.107	0.0	43.123	1.034	0.0	47.547	1.437	0.0	39.419	0.667	0.0	39.664	0.958
30	15167	15168	NS	1	0.0	50.078	4.239	0.0	54.273	5.272	0.0	44.549	2.858	0.0	49.241	3.701	0.0	51.19	4.32	0.0	53.902	5.099	0.0	43.451	2.737	0.0	47.36	3.303
31	15167	15168	NS	1	0.0	50.318	4.24	0.0	54.272	5.262	0.0	44.622	2.844	0.0	49.241	3.701	0.0	51.176	4.301	0.0	53.902	5.059	0.0	43.631	2.73	0.0	47.36	3.345

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

32	15167	15168	SN	1	0.0	47.258	5.592	0.0	50.997	6.599	0.0	45.559	4.275	0.0	43.403	6.418	0.0	47.336	5.572	0.0	50.936	6.287	0.0	46.385	4.311	0.0	44.356	6.076
33	15167	15168	NS	1	0.0	44.059	1.003	0.0	51.291	1.525	0.0	38.703	0.713	0.0	42.688	1.107	0.0	42.866	1.021	0.0	47.547	1.446	0.0	38.484	0.669	0.0	39.665	0.962
34	15167	15168	SN	1	0.0	47.474	1.347	0.0	45.151	1.773	0.0	38.587	1.522	0.0	37.988	2.266	0.0	48.166	1.27	0.0	44.861	1.699	0.0	38.643	1.451	0.0	35.517	1.933
35	15168	15169	SN	1	0.0	46.265	6.638	0.0	44.73	8.063	0.0	46.251	6.526	0.0	45.683	7.371	0.0	47.648	6.659	0.0	45.063	8.134	0.0	47.158	6.739	0.0	41.725	7.877
36	15168	15169	NS	1	0.0	47.634	3.621	0.0	50.095	4.857	0.0	43.997	3.626	0.0	45.564	4.617	0.0	47.496	3.59	0.0	51.114	4.563	0.0	42.827	3.377	0.0	47.022	4.041
37	15168	15169	SN	1	0.0	40.47	1.749	0.0	45.012	2.5	0.0	37.383	2.004	0.0	40.332	2.616	0.0	42.487	1.78	0.0	44.555	2.502	0.0	36.255	2.046	0.0	37.973	2.66
38	15168	15169	SN	1	0.0	40.677	1.755	0.0	45.012	2.5	0.0	37.389	1.996	0.0	41.738	2.616	0.0	42.694	1.785	0.0	44.555	2.504	0.0	36.255	2.037	0.0	39.377	2.665
39	15168	15169	NS	1	0.0	42.708	1.127	0.0	46.022	1.496	0.0	47.286	0.922	0.0	39.349	1.339	0.0	43.951	1.12	0.0	45.129	1.389	0.0	50.173	0.866	0.0	42.228	1.109
40	15168	15169	SN	1	0.0	46.263	6.638	0.0	44.728	8.083	0.0	40.779	6.533	0.0	44.284	7.356	0.0	47.644	6.659	0.0	45.061	8.154	0.0	42.155	6.774	0.0	40.854	7.863
41	15168	15169	SN	1	0.0	38.581	1.761	0.0	45.012	2.531	0.0	37.352	2.004	0.0	37.58	2.624	0.0	39.156	1.778	0.0	44.555	2.556	0.0	38.78	2.052	0.0	37.254	2.689
42	15168	15169	NS	1	0.0	42.711	1.111	0.0	46.025	1.496	0.0	47.286	0.929	0.0	45.404	1.349	0.0	43.972	1.118	0.0	45.131	1.385	0.0	50.171	0.88	0.0	43.447	1.107
43	15168	15169	SN	1	0.0	46.413	6.47	0.0	44.076	7.981	0.0	38.397	6.463	0.0	43.927	7.374	0.0	48.089	6.449	0.0	44.408	8.023	0.0	39.224	6.692	0.0	40.854	7.943
44	15168	15169	NS	1	0.0	51.312	3.621	0.0	49.4	4.857	0.0	44.035	3.619	0.0	44.323	4.652	0.0	53.449	3.6	0.0	50.106	4.563	0.0	43.27	3.377	0.0	45.188	4.063
45	15169	15170	SN	1	0.0	43.888	2.853	0.0	44.105	3.442	0.0	39.944	2.357	0.0	43.547	2.995	0.0	44.019	2.869	0.0	46.123	3.329	0.0	38.782	2.386	0.0	43.33	2.809
46	15169	15170	SN	1	0.0	51.521	10.263	0.0	50.251	11.789	0.0	46.89	8.211	0.0	42.702	10.233	0.0	51.336	10.588	0.0	51.051	11.424	0.0	48.208	8.459	0.0	42.681	9.848
47	15169	15170	SN	1	0.0	51.521	10.358	0.0	50.251	11.961	0.0	46.89	8.254	0.0	42.702	10.327	0.0	51.336	10.688	0.0	51.051	11.59	0.0	48.208	8.506	0.0	42.681	9.937
48	15169	15170	SN	1	0.0	43.888	2.884	0.0	44.105	3.489	0.0	39.944	2.362	0.0	43.547	2.999	0.0	44.019	2.902	0.0	46.123	3.376	0.0	38.782	2.387	0.0	43.33	2.818
49	15169	15170	NS	1	0.0	50.839	4.288	0.0	55.327	4.878	0.0	48.726	4.349	0.0	44.32	5.522	0.0	51.507	4.278	0.0	55.017	4.827	0.0	48.182	4.101	0.0	45.655	4.783
50	15169	15170	NS	1	0.0	50.247	4.257	0.0	55.387	4.898	0.0	48.596	4.285	0.0	44.677	5.5	0.0	50.915	4.308	0.0	55.077	4.837	0.0	48.05	4.115	0.0	46.008	4.79
51	15169	15170	SN	1	0.0	51.521	10.263	0.0	50.251	11.789	0.0	46.89	8.211	0.0	42.702	10.233	0.0	51.336	10.588	0.0	51.051	11.424	0.0	48.208	8.459	0.0	42.681	9.848
52	15169	15170	NS	1	0.0	47.021	1.212	0.0	48.384	1.627	0.0	41.231	1.133	0.0	46.429	1.747	0.0	47.226	1.201	0.0	46.738	1.543	0.0	42.184	1.069	0.0	42.335	1.452
53	15169	15170	SN	1	0.0	43.888	2.853	0.0	44.105	3.442	0.0	39.944	2.357	0.0	43.547	2.995	0.0	44.019	2.869	0.0	46.123	3.329	0.0	38.782	2.386	0.0	43.33	2.809
54	15169	15170	NS	1	0.0	47.484	1.228	0.0	49.933	1.634	0.0	41.231	1.144	0.0	46.124	1.738	0.0	47.5	1.23	0.0	53.318	1.557	0.0	42.184	1.08	0.0	42.031	1.444
55	15170	15171	NS	1	0.0	44.824	1.397	0.0	45.349	1.936	0.0	43.013	1.629	0.0	41.06	2.212	0.0	44.793	1.391	0.0	47.349	1.868	0.0	42.639	1.622	0.0	38.615	2.057
56	15170	15171	SN	1	0.0	52.316	5.289	0.0	56.014	7.1	0.0	44.543	4.568	0.0	47.084	6.012	0.0	52.881	5.332	0.0	56.858	6.947	0.0	46.616	4.522	0.0	44.843	5.55
57	15170	15171	SN	1	0.0	52.316	5.487	0.0	56.014	7.401	0.0	44.543	4.724	0.0	47.084	6.05	0.0	52.881	5.507	0.0	56.858	7.208	0.0	46.616	4.746	0.0	44.843	5.593
58	15170	15171	SN	1	0.0	52.316	5.487	0.0	56.014	7.421	0.0	44.543	4.703	0.0	47.084	6.05	0.0	52.881	5.507	0.0	56.858	7.218	0.0	46.616	4.739	0.0	44.843	5.579
59	15170	15171	NS	1	0.0	46.48	4.511	0.0	52.394	6.237	0.0	44.609	5.039	0.0	44.939	6.402	0.0	48.97	4.562	0.0	54.894	6.216	0.0	45.087	5.252	0.0	44.466	6.246
60	15170	15171	NS	1	0.0	46.699	4.491	0.0	51.229	6.237	0.0	43.361	5.103	0.0	45.748	6.282	0.0	48.972	4.633	0.0	54.337	6.206	0.0	42.152	5.302	0.0	44.362	6.211
61	15170	15171	SN	1	0.0	50.18	1.324	0.0	50.089	2.1	0.0	42.758	1.207	0.0	47.227	1.756	0.0	51.498	1.338	0.0	48.703	1.924	0.0	40.384	1.184	0.0	44.56	1.58
62	15170	15171	SN	1	0.0	49.485	1.38	0.0	50.667	2.12	0.0	42.758	1.275	0.0	47.227	1.781	0.0	49.485	1.398	0.0	49.283	1.943	0.0	40.384	1.262	0.0	44.56	1.596
63	15170	15171	SN	1	0.0	49.485	1.377	0.0	50.669	2.129	0.0	42.758	1.278	0.0	47.227	1.79	0.0	49.485	1.393	0.0	49.283	1.952	0.0	40.384	1.264	0.0	44.56	1.597
64	15170	15171	NS	1	0.0	44.824	1.402	0.0	49.781	1.904	0.0	45.231	1.629	0.0	46.73	2.228	0.0	44.757	1.397	0.0	48.506	1.83	0.0	43.704	1.626	0.0	43.008	2.048
65	15171	15172	SN	1	0.0	49.895	0.706	0.0	43.225	1.05	0.0	41.447	0.751	0.0	43.758	0.976	0.0	50.886	0.711	0.0	39.67	0.971	0.0	40.761	0.668	0.0	44.296	0.826
66	15171	15172	NS	1	0.0	53.441	5.232	0.0	49.26	6.761	0.0	42.973	5.428	0.0	42.853	6.855	0.0	53.252	5.445	0.0	50.111	6.994	0.0	40.927	5.456	0.0	43.361	6.869
67	15171	15172	NS	1	0.0	49.69	5.352	0.0	44.229	6.731	0.0	40.292	5.456	0.0	43.177	6.905	0.0	49.796	5.606	0.0	42.953	6.954	0.0	40.945	5.52	0.0	43.523	7.068

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

68	15171	15172	SN	1	0.0	52.18	0.781	0.0	44.311	1.278	0.0	41.334	0.791	0.0	40.134	1.145	0.0	52.226	0.797	0.0	45.183	1.224	0.0	44.149	0.727	0.0	39.397	0.97
69	15171	15172	SN	1	0.0	49.895	0.806	0.0	46.715	1.281	0.0	41.447	0.775	0.0	43.758	1.077	0.0	50.886	0.808	0.0	47.21	1.17	0.0	40.761	0.698	0.0	44.296	0.938
70	15171	15172	SN	1	0.0	49.592	3.0	0.0	47.542	4.662	0.0	40.129	3.061	0.0	47.078	3.815	0.0	49.521	3.102	0.0	46.666	4.347	0.0	39.369	2.919	0.0	50.745	3.396
71	15171	15172	SN	1	0.0	43.808	2.47	0.0	47.542	3.667	0.0	40.129	2.832	0.0	47.078	3.292	0.0	44.035	2.525	0.0	46.666	3.422	0.0	39.369	2.668	0.0	50.745	2.987
72	15171	15172	SN	1	0.0	48.0	2.99	0.0	48.418	4.601	0.0	39.919	3.032	0.0	47.45	3.887	0.0	49.385	3.102	0.0	48.938	4.337	0.0	39.3	2.841	0.0	51.113	3.467
73	15171	15172	NS	1	0.0	45.845	1.469	0.0	45.774	2.19	0.0	39.599	1.53	0.0	44.278	2.26	0.0	45.73	1.519	0.0	45.44	2.197	0.0	38.083	1.563	0.0	41.28	2.184
74	15171	15172	NS	1	0.0	47.128	1.477	0.0	45.669	2.183	0.0	40.213	1.5	0.0	44.038	2.253	0.0	46.509	1.493	0.0	45.332	2.17	0.0	37.936	1.514	0.0	47.318	2.201
75	15172	15173	SN	1	0.0	36.631	0.472	0.0	46.753	0.774	0.0	35.48	0.456	0.0	40.418	0.937	0.0	36.088	0.469	0.0	43.228	0.729	0.0	35.785	0.404	0.0	38.853	0.743
76	15172	15173	NS	1	0.0	54.253	2.038	0.0	49.535	2.307	0.0	40.767	1.707	0.0	44.571	2.391	0.0	55.643	2.058	0.0	47.526	2.353	0.0	40.675	1.714	0.0	45.467	2.193
77	15172	15173	NS	1	0.0	54.267	7.257	0.0	55.536	7.948	0.0	47.744	6.294	0.0	47.751	7.963	0.0	54.273	7.561	0.0	53.222	8.039	0.0	47.139	6.422	0.0	50.726	7.494
78	15172	15173	SN	1	0.0	43.454	1.835	0.0	45.958	2.301	0.0	37.549	1.69	0.0	44.428	2.755	0.0	43.623	1.876	0.0	47.419	2.251	0.0	36.979	1.562	0.0	44.209	2.348
79	15173	15174	NS	1	0.0	49.144	5.756	0.0	58.732	7.493	0.0	47.675	4.978	0.0	48.735	6.876	0.0	50.181	5.766	0.0	56.761	7.148	0.0	47.831	4.922	0.0	49.208	6.421
80	15173	15174	SN	1	0.0	41.634	0.551	0.0	42.529	0.693	0.0	35.586	0.563	0.0	43.817	0.752	0.0	41.343	0.573	0.0	42.846	0.611	0.0	36.767	0.489	0.0	41.303	0.651
81	15173	15174	SN	1	0.0	46.498	2.857	0.0	50.929	3.23	0.0	44.202	2.116	0.0	42.478	2.934	0.0	45.637	2.989	0.0	50.053	2.976	0.0	42.798	2.066	0.0	42.094	2.499
82	15173	15174	NS	1	0.0	46.93	1.597	0.0	58.873	2.353	0.0	44.84	1.389	0.0	41.217	2.006	0.0	47.291	1.633	0.0	56.394	2.206	0.0	43.762	1.372	0.0	40.72	1.858
83	15174	15175	NS	1	0.0	47.318	4.146	0.0	50.851	5.283	0.0	44.634	5.131	0.0	43.72	6.154	0.0	47.995	4.176	0.0	48.923	5.162	0.0	43.767	5.195	0.0	43.019	5.756
84	15174	15175	NS	1	0.0	45.378	1.391	0.0	50.081	1.692	0.0	44.492	1.58	0.0	41.607	2.067	0.0	45.734	1.424	0.0	48.406	1.695	0.0	44.904	1.583	0.0	42.016	1.922
85	15174	15175	SN	1	0.0	49.739	1.345	0.0	49.215	1.88	0.0	42.759	1.192	0.0	42.643	1.544	0.0	51.295	1.356	0.0	46.946	1.767	0.0	41.026	1.136	0.0	38.971	1.409
86	15174	15175	SN	1	0.0	43.768	5.238	0.0	50.981	5.655	0.0	45.503	4.827	0.0	46.611	5.295	0.0	45.019	5.39	0.0	52.782	5.544	0.0	44.641	4.742	0.0	47.401	4.818
87	15175	15176	NS	1	0.0	43.087	1.422	0.0	52.678	2.139	0.0	42.719	1.695	0.0	53.987	2.381	0.0	45.759	1.402	0.0	52.336	1.938	0.0	42.434	1.61	0.0	53.698	2.057
88	15175	15176	SN	1	0.0	50.799	1.225	0.0	49.547	1.769	0.0	41.741	1.043	0.0	41.894	1.592	0.0	51.548	1.214	0.0	47.071	1.619	0.0	40.62	1.011	0.0	41.861	1.565
89	15175	15176	NS	1	0.0	46.057	5.262	0.0	58.693	6.976	0.0	44.609	5.401	0.0	53.406	6.424	0.0	45.916	5.444	0.0	59.526	6.672	0.0	48.425	5.237	0.0	53.71	6.061
90	15175	15176	NS	1	0.0	46.057	5.431	0.0	58.693	7.196	0.0	44.609	5.546	0.0	53.406	6.62	0.0	45.916	5.609	0.0	59.526	6.882	0.0	48.425	5.414	0.0	53.71	6.246
91	15175	15176	SN	1	0.0	48.607	4.438	0.0	51.843	5.808	0.0	45.33	4.073	0.0	47.31	5.422	0.0	49.299	4.509	0.0	53.965	5.737	0.0	43.777	3.903	0.0	44.38	5.33
92	15175	15176	NS	1	0.0	43.087	1.47	0.0	52.678	2.209	0.0	42.719	1.755	0.0	53.987	2.457	0.0	45.759	1.447	0.0	52.336	2.001	0.0	42.434	1.667	0.0	53.698	2.124
93	15176	15177	NS	1	0.0	52.53	5.735	0.0	49.618	7.775	0.0	40.582	6.3	0.0	40.306	8.041	0.0	53.551	5.745	0.0	46.82	7.552	0.0	41.204	6.478	0.0	42.123	8.098
94	15176	15177	NS	1	0.0	52.53	6.118	0.0	49.618	8.347	0.0	40.582	6.827	0.0	40.306	8.653	0.0	53.551	6.129	0.0	46.82	8.108	0.0	41.204	6.964	0.0	42.123	8.714
95	15176	15177	NS	1	0.0	48.141	1.722	0.0	43.709	2.513	0.0	43.29	1.942	0.0	40.957	2.676	0.0	47.572	1.801	0.0	43.163	2.458	0.0	41.173	1.976	0.0	41.591	2.616
96	15176	15177	NS	1	0.0	48.141	1.857	0.0	43.709	2.699	0.0	43.29	2.082	0.0	40.957	2.868	0.0	47.572	1.932	0.0	43.163	2.641	0.0	41.173	2.113	0.0	41.591	2.805
97	15176	15177	SN	1	0.0	48.13	6.089	0.0	47.791	7.127	0.0	44.261	6.017	0.0	47.355	7.749	0.0	49.935	6.424	0.0	48.089	7.249	0.0	45.365	6.315	0.0	44.734	7.934
98	15176	15177	SN	1	0.0	45.573	1.746	0.0	48.587	2.004	0.0	44.889	1.856	0.0	44.318	2.626	0.0	45.238	1.787	0.0	50.435	1.9	0.0	46.56	1.964	0.0	42.571	2.739
99	15177	15178	SN	1	0.0	49.601	5.929	0.0	48.129	6.915	0.0	46.271	5.497	0.0	49.092	7.126	0.0	49.116	5.879	0.0	51.143	6.55	0.0	47.427	5.589	0.0	46.251	6.677
100	15177	15178	NS	1	0.0	49.965	10.512	0.0	51.32	11.355	0.0	45.165	9.009	0.0	43.44	9.952	0.0	51.14	10.735	0.0	52.486	11.152	0.0	44.514	9.258	0.0	44.152	9.347
101	15177	15178	NS	1	0.0	49.382	2.855	0.0	46.043	3.354	0.0	39.555	2.661	0.0	43.392	3.159	0.0	48.139	2.855	0.0	44.026	3.131	0.0	38.745	2.723	0.0	40.17	3.135
102	15177	15178	SN	1	0.0	39.858	1.616	0.0	46.859	2.089	0.0	41.515	1.638	0.0	38.844	2.291	0.0	40.334	1.6	0.0	48.375	1.957	0.0	40.29	1.652	0.0	37.657	2.071
103	15178	15179	NS	1	0.0	53.41	2.167	0.0	50.03	2.465	0.0	47.713	1.755	0.0	49.096	2.479	0.0	53.269	2.153	0.0	47.268	2.282	0.0	45.286	1.723	0.0	46.956	2.233

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

104	15178	15179	SN	1	0.0	49.28	4.886	0.0	47.115	5.518	0.0	46.953	4.218	0.0	44.451	4.974	0.0	49.487	5.079	0.0	48.99	5.386	0.0	46.621	4.133	0.0	43.995	4.375
105	15178	15179	SN	1	0.0	48.618	1.153	0.0	41.166	1.507	0.0	46.348	1.051	0.0	41.784	1.338	0.0	48.928	1.181	0.0	42.136	1.31	0.0	43.717	0.989	0.0	41.316	1.168
106	15178	15179	SN	1	0.0	51.812	4.869	0.0	56.108	5.73	0.0	46.541	3.688	0.0	50.042	5.006	0.0	52.779	5.061	0.0	53.391	5.506	0.0	45.191	3.584	0.0	46.409	4.46
107	15178	15179	SN	1	0.0	50.452	4.917	0.0	56.108	5.61	0.0	46.541	4.126	0.0	50.042	4.939	0.0	50.658	5.089	0.0	53.391	5.406	0.0	45.191	4.005	0.0	46.409	4.353
108	15178	15179	NS	1	0.0	51.467	7.39	0.0	50.172	7.947	0.0	47.77	6.345	0.0	50.864	7.934	0.0	52.624	7.501	0.0	48.189	7.562	0.0	48.427	6.401	0.0	50.189	7.238
109	15178	15179	SN	1	0.0	45.842	1.136	0.0	40.932	1.443	0.0	41.289	1.152	0.0	40.369	1.41	0.0	44.59	1.178	0.0	40.655	1.267	0.0	40.607	1.078	0.0	39.523	1.217
110	15178	15179	SN	1	0.0	43.5	1.129	0.0	43.183	1.457	0.0	46.348	1.161	0.0	40.675	1.361	0.0	43.925	1.165	0.0	44.406	1.267	0.0	43.717	1.085	0.0	43.129	1.21
111	15179	15180	NS	1	0.0	43.372	0.659	0.0	40.435	0.986	0.0	38.882	0.564	0.0	40.621	0.912	0.0	44.5	0.641	0.0	41.225	0.909	0.0	39.953	0.504	0.0	38.466	0.719
112	15179	15180	SN	1	0.0	44.701	0.898	0.0	52.76	1.113	0.0	39.085	0.879	0.0	45.55	1.1	0.0	43.631	0.878	0.0	49.357	0.957	0.0	39.411	0.84	0.0	48.05	0.952
113	15179	15180	NS	1	0.0	49.442	3.235	0.0	50.083	3.802	0.0	38.392	2.51	0.0	42.874	3.246	0.0	50.205	3.337	0.0	48.682	3.528	0.0	38.855	2.282	0.0	44.053	2.721
114	15179	15180	SN	1	0.0	46.36	3.364	0.0	47.412	3.665	0.0	43.344	2.889	0.0	42.349	3.586	0.0	45.721	3.343	0.0	47.377	3.391	0.0	43.557	2.818	0.0	42.759	3.024
115	15180	15181	SN	1	0.0	49.858	5.785	0.0	46.633	6.305	0.0	40.097	5.038	0.0	46.101	6.868	0.0	50.401	5.897	0.0	47.993	6.397	0.0	41.387	5.485	0.0	48.116	6.896
116	15180	15181	SN	1	0.0	49.858	5.83	0.0	46.633	6.345	0.0	40.097	4.999	0.0	46.101	6.921	0.0	50.401	5.953	0.0	47.993	6.448	0.0	41.387	5.459	0.0	48.116	6.95
117	15180	15181	SN	1	0.0	49.858	5.83	0.0	46.633	6.345	0.0	40.097	4.999	0.0	46.101	6.921	0.0	50.401	5.953	0.0	47.993	6.448	0.0	41.387	5.459	0.0	48.116	6.95
118	15180	15181	NS	1	0.0	47.962	1.734	0.0	48.002	2.241	0.0	40.847	1.393	0.0	40.974	2.459	0.0	48.36	1.713	0.0	48.139	1.987	0.0	40.677	1.301	0.0	40.194	1.961
119	15180	15181	NS	1	0.0	47.962	1.734	0.0	48.002	2.241	0.0	40.858	1.4	0.0	46.831	2.466	0.0	48.36	1.703	0.0	48.139	1.987	0.0	40.688	1.293	0.0	45.077	1.954
120	15180	15181	SN	1	0.0	44.059	1.552	0.0	39.693	1.959	0.0	40.182	1.605	0.0	47.199	2.223	0.0	44.417	1.577	0.0	39.198	1.94	0.0	43.155	1.655	0.0	42.508	2.186
121	15180	15181	SN	1	0.0	44.059	1.552	0.0	39.693	1.959	0.0	40.182	1.605	0.0	47.199	2.223	0.0	44.417	1.577	0.0	39.198	1.94	0.0	43.155	1.655	0.0	42.508	2.186
122	15180	15181	SN	1	0.0	44.059	1.537	0.0	39.693	1.939	0.0	40.182	1.603	0.0	47.199	2.21	0.0	44.417	1.561	0.0	39.198	1.918	0.0	43.155	1.653	0.0	42.508	2.168
123	15180	15181	NS	1	0.0	41.607	0.384	0.0	48.217	0.598	0.0	38.185	0.422	0.0	41.545	0.728	0.0	42.807	0.388	0.0	46.674	0.542	0.0	35.025	0.36	0.0	37.717	0.554
124	15180	15181	NS	1	0.0	41.607	0.386	0.0	48.217	0.589	0.0	34.527	0.427	0.0	41.733	0.728	0.0	42.579	0.391	0.0	46.676	0.535	0.0	34.774	0.36	0.0	37.907	0.551
125	15181	15182	NS	1	0.0	47.352	0.731	0.0	46.289	0.966	0.0	42.937	0.746	0.0	46.778	1.038	0.0	49.94	0.722	0.0	45.349	0.905	0.0	38.798	0.715	0.0	42.88	0.895
126	15181	15182	NS	1	0.0	46.749	0.716	0.0	46.292	0.961	0.0	42.846	0.778	0.0	42.396	1.013	0.0	49.033	0.707	0.0	45.542	0.896	0.0	38.707	0.732	0.0	42.162	0.875
127	15181	15182	SN	1	0.0	38.601	1.471	0.0	53.938	1.979	0.0	42.256	1.833	0.0	39.124	2.32	0.0	39.13	1.487	0.0	50.077	1.794	0.0	41.808	1.752	0.0	38.049	2.146
128	15181	15182	NS	1	0.0	48.73	1.713	0.0	45.378	2.342	0.0	43.803	2.63	0.0	44.592	3.311	0.0	48.967	1.764	0.0	45.94	2.119	0.0	44.908	2.566	0.0	41.34	2.906
129	15181	15182	NS	1	0.0	49.241	1.764	0.0	44.563	2.363	0.0	45.245	2.672	0.0	41.975	3.311	0.0	49.092	1.805	0.0	45.124	2.15	0.0	45.241	2.601	0.0	40.89	2.871
130	15181	15182	SN	1	0.0	50.049	5.268	0.0	53.749	5.97	0.0	39.254	5.414	0.0	47.358	6.525	0.0	51.674	5.258	0.0	51.095	5.773	0.0	40.667	5.537	0.0	49.346	6.263
131	15181	15182	SN	1	0.0	48.551	5.4	0.0	53.749	6.041	0.0	43.059	5.591	0.0	46.555	6.669	0.0	49.893	5.39	0.0	51.095	5.879	0.0	43.537	5.698	0.0	47.372	6.391
132	15181	15182	SN	1	0.0	38.601	1.471	0.0	53.938	1.979	0.0	42.256	1.833	0.0	39.124	2.32	0.0	39.13	1.487	0.0	50.077	1.794	0.0	41.808	1.752	0.0	38.049	2.146
133	15181	15182	SN	1	0.0	48.551	5.4	0.0	53.749	6.041	0.0	43.059	5.591	0.0	46.555	6.669	0.0	49.893	5.39	0.0	51.095	5.879	0.0	43.537	5.698	0.0	47.372	6.391
134	15181	15182	SN	1	0.0	38.016	1.428	0.0	53.938	1.995	0.0	38.246	1.786	0.0	39.124	2.32	0.0	37.125	1.439	0.0	50.077	1.819	0.0	37.8	1.721	0.0	42.28	2.101
135	15182	15183	SN	1	0.0	40.426	1.833	0.0	46.555	2.382	0.0	37.968	2.108	0.0	48.54	2.541	0.0	41.047	1.923	0.0	48.724	2.314	0.0	38.461	2.079	0.0	44.561	2.399
136	15182	15183	SN	1	0.0	43.514	5.5	0.0	44.563	7.079	0.0	44.713	5.872	0.0	43.658	7.291	0.0	44.629	5.532	0.0	43.448	6.891	0.0	45.498	6.202	0.0	43.824	7.739
137	15182	15183	NS	1	0.0	44.653	0.81	0.0	51.558	1.068	0.0	44.359	0.643	0.0	43.811	0.796	0.0	45.301	0.81	0.0	52.899	0.966	0.0	45.231	0.603	0.0	44.712	0.643
138	15182	15183	NS	1	0.0	50.274	0.81	0.0	50.91	1.09	0.0	37.806	0.617	0.0	41.231	0.748	0.0	51.768	0.833	0.0	52.253	1.045	0.0	36.555	0.553	0.0	39.272	0.636
139	15182	15183	SN	1	0.0	38.893	1.854	0.0	45.595	2.437	0.0	36.989	2.04	0.0	41.497	2.557	0.0	39.27	1.917	0.0	42.736	2.348	0.0	37.466	2.047	0.0	39.712	2.457

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

140	15182	15183	NS	1	0.0	47.863	3.143	0.0	52.847	4.218	0.0	44.434	2.587	0.0	47.702	2.807	0.0	49.533	3.234	0.0	52.907	4.097	0.0	42.675	2.445	0.0	49.187	2.487
141	15182	15183	NS	1	0.0	43.497	3.415	0.0	53.132	4.231	0.0	44.212	2.635	0.0	46.811	2.907	0.0	44.992	3.465	0.0	53.714	4.13	0.0	43.647	2.458	0.0	47.323	2.63
142	15182	15183	SN	1	0.0	43.243	5.852	0.0	46.606	7.085	0.0	38.817	6.06	0.0	42.929	7.107	0.0	43.869	5.974	0.0	45.817	6.871	0.0	41.233	6.486	0.0	41.57	7.528
143	15182	15183	SN	1	0.0	43.508	5.862	0.0	44.563	7.003	0.0	38.488	6.003	0.0	47.544	7.113	0.0	44.136	5.984	0.0	43.448	6.83	0.0	40.903	6.479	0.0	46.545	7.556
144	15182	15183	SN	1	0.0	40.401	1.885	0.0	45.595	2.402	0.0	38.664	2.133	0.0	41.129	2.542	0.0	41.507	1.966	0.0	47.725	2.33	0.0	38.997	2.125	0.0	37.153	2.411
145	15183	15184	SN	1	0.0	49.478	6.944	0.0	48.82	8.176	0.0	44.931	5.724	0.0	45.299	7.301	0.0	49.216	6.995	0.0	51.273	7.717	0.0	45.387	5.66	0.0	45.833	6.894
146	15183	15184	NS	1	0.0	52.446	5.058	0.0	57.748	6.206	0.0	44.317	5.078	0.0	46.028	5.868	0.0	53.409	5.26	0.0	55.518	5.901	0.0	46.016	4.822	0.0	45.982	5.427
147	15183	15184	SN	1	0.0	45.507	1.69	0.0	47.157	2.141	0.0	36.319	1.816	0.0	40.901	2.32	0.0	45.78	1.668	0.0	47.543	2.039	0.0	38.097	1.731	0.0	42.037	2.101
148	15183	15184	SN	1	0.0	45.507	6.993	0.0	49.605	8.176	0.0	46.056	5.768	0.0	42.634	7.341	0.0	46.21	7.064	0.0	48.491	7.819	0.0	45.854	5.811	0.0	41.863	6.962
149	15183	15184	NS	1	0.0	52.323	5.089	0.0	50.465	6.396	0.0	46.763	5.151	0.0	47.516	5.824	0.0	54.083	5.241	0.0	53.129	5.798	0.0	45.116	5.115	0.0	46.302	5.412
150	15183	15184	NS	1	0.0	51.603	1.464	0.0	48.047	1.967	0.0	42.504	1.331	0.0	40.394	1.808	0.0	52.244	1.487	0.0	48.608	1.82	0.0	42.24	1.35	0.0	42.34	1.652
151	15183	15184	SN	1	0.0	45.507	6.995	0.0	48.351	8.155	0.0	46.056	5.76	0.0	42.634	7.344	0.0	46.21	7.076	0.0	47.239	7.819	0.0	45.854	5.802	0.0	40.908	6.965
152	15183	15184	NS	1	0.0	49.561	1.519	0.0	56.462	1.892	0.0	44.524	1.378	0.0	42.129	1.732	0.0	48.998	1.562	0.0	56.91	1.804	0.0	42.728	1.319	0.0	41.241	1.603
153	15183	15184	SN	1	0.0	45.507	1.688	0.0	47.157	2.144	0.0	36.317	1.824	0.0	40.901	2.318	0.0	45.78	1.663	0.0	47.543	2.04	0.0	38.097	1.737	0.0	42.037	2.104
154	15183	15184	SN	1	0.0	43.734	1.708	0.0	46.908	2.147	0.0	39.142	1.893	0.0	40.895	2.323	0.0	44.005	1.693	0.0	47.293	1.994	0.0	38.385	1.769	0.0	40.455	2.076
155	15184	15185	NS	1	0.0	48.047	4.552	0.0	57.361	5.648	0.0	43.596	5.417	0.0	44.476	6.415	0.0	47.349	4.836	0.0	56.031	5.323	0.0	43.456	5.609	0.0	45.723	6.067
156	15184	15185	NS	1	0.0	48.101	4.572	0.0	50.322	5.658	0.0	43.013	5.452	0.0	44.745	6.45	0.0	47.403	4.795	0.0	48.292	5.344	0.0	43.443	5.552	0.0	45.988	6.088
157	15184	15185	SN	1	0.0	53.614	2.204	0.0	50.458	3.017	0.0	46.016	1.738	0.0	42.807	2.356	0.0	54.232	2.209	0.0	49.409	2.993	0.0	45.757	1.762	0.0	41.393	2.364
158	15184	15185	SN	1	0.0	46.322	2.197	0.0	50.458	3.042	0.0	46.016	1.743	0.0	42.807	2.399	0.0	46.011	2.188	0.0	49.409	2.981	0.0	45.757	1.785	0.0	41.393	2.413
159	15184	15185	SN	1	0.0	54.812	6.703	0.0	53.966	8.738	0.0	49.091	6.114	0.0	47.87	7.717	0.0	56.871	6.801	0.0	57.971	8.868	0.0	47.54	6.167	0.0	49.027	7.588
160	15184	15185	SN	1	0.0	46.322	2.197	0.0	50.458	3.042	0.0	46.016	1.743	0.0	42.807	2.399	0.0	46.011	2.188	0.0	49.409	2.981	0.0	45.757	1.785	0.0	41.393	2.413
161	15184	15185	SN	1	0.0	49.886	6.869	0.0	53.966	8.884	0.0	49.091	6.127	0.0	47.87	7.892	0.0	51.289	6.94	0.0	57.971	8.935	0.0	47.54	6.297	0.0	49.027	7.707
162	15184	15185	SN	1	0.0	49.886	6.869	0.0	53.966	8.884	0.0	49.091	6.127	0.0	47.87	7.892	0.0	51.289	6.94	0.0	57.971	8.935	0.0	47.54	6.297	0.0	49.027	7.707
163	15184	15185	NS	1	0.0	44.464	1.454	0.0	52.866	1.965	0.0	40.129	1.683	0.0	50.567	2.123	0.0	46.048	1.502	0.0	57.172	1.922	0.0	40.272	1.69	0.0	47.928	2.045
164	15184	15185	NS	1	0.0	44.464	1.457	0.0	52.35	1.933	0.0	40.086	1.696	0.0	46.75	2.134	0.0	46.048	1.504	0.0	56.659	1.902	0.0	40.232	1.699	0.0	44.901	2.052
165	15185	15186	SN	1	0.0	46.985	5.059	0.0	59.069	7.461	0.0	47.278	3.75	0.0	50.468	5.393	0.0	48.511	5.231	0.0	57.523	7.074	0.0	46.285	3.743	0.0	48.998	4.816
166	15185	15186	NS	1	0.0	40.446	1.698	0.0	41.398	2.231	0.0	46.398	1.836	0.0	47.487	2.417	0.0	40.594	1.732	0.0	44.67	2.299	0.0	45.228	1.889	0.0	47.936	2.554
167	15185	15186	NS	1	0.0	49.388	5.618	0.0	47.227	6.997	0.0	45.655	5.794	0.0	44.107	7.296	0.0	50.271	5.699	0.0	46.689	7.128	0.0	44.54	6.007	0.0	43.343	7.807
168	15185	15186	NS	1	0.0	49.388	5.618	0.0	47.227	6.997	0.0	45.655	5.794	0.0	44.107	7.296	0.0	50.271	5.699	0.0	46.689	7.128	0.0	44.54	6.007	0.0	43.343	7.807
169	15185	15186	SN	1	0.0	44.94	1.301	0.0	51.054	1.918	0.0	44.855	0.96	0.0	50.114	1.446	0.0	47.32	1.293	0.0	48.794	1.794	0.0	46.993	0.857	0.0	44.301	1.202
170	15185	15186	NS	1	0.0	40.446	1.698	0.0	41.398	2.231	0.0	46.398	1.836	0.0	47.487	2.417	0.0	40.594	1.732	0.0	44.67	2.299	0.0	45.228	1.889	0.0	47.936	2.554
171	15185	15186	SN	1	0.0	46.985	4.722	0.0	59.069	6.83	0.0	47.278	3.669	0.0	50.468	5.081	0.0	48.511	4.844	0.0	57.523	6.429	0.0	46.285	3.684	0.0	48.998	4.549
172	15185	15186	SN	1	0.0	48.622	1.375	0.0	51.054	2.025	0.0	44.855	0.984	0.0	50.114	1.507	0.0	48.815	1.375	0.0	48.794	1.898	0.0	46.993	0.904	0.0	44.301	1.258
173	15185	15186	SN	1	0.0	48.276	1.379	0.0	51.054	2.018	0.0	44.855	0.989	0.0	50.114	1.505	0.0	48.469	1.375	0.0	48.794	1.902	0.0	46.993	0.895	0.0	44.301	1.254
174	15185	15186	SN	1	0.0	46.985	5.049	0.0	59.069	7.511	0.0	47.278	3.729	0.0	50.468	5.386	0.0	48.511	5.221	0.0	57.523	7.094	0.0	46.285	3.729	0.0	48.998	4.816
175	15186	15187	NS	1	0.0	52.009	1.682	0.0	45.635	2.121	0.0	43.873	1.519	0.0	53.215	2.285	0.0	51.525	1.679	0.0	45.367	2.044	0.0	44.346	1.546	0.0	56.842	2.106

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

176	15186	15187	NS	1	0.0	45.261	1.693	0.0	45.616	2.132	0.0	43.574	1.525	0.0	53.113	2.235	0.0	45.472	1.702	0.0	45.497	2.042	0.0	44.048	1.53	0.0	56.74	2.078
177	15186	15187	SN	1	0.0	43.895	0.621	0.0	46.164	1.099	0.0	40.596	0.657	0.0	39.784	1.137	0.0	44.184	0.605	0.0	44.233	0.964	0.0	39.851	0.57	0.0	36.245	0.895
178	15186	15187	NS	1	0.0	50.005	5.809	0.0	48.013	6.591	0.0	44.815	5.358	0.0	51.845	6.616	0.0	50.308	5.91	0.0	46.827	6.297	0.0	47.103	5.458	0.0	52.438	6.246
179	15186	15187	NS	1	0.0	48.107	5.758	0.0	48.341	6.592	0.0	44.789	5.358	0.0	54.187	6.651	0.0	48.084	5.88	0.0	47.157	6.369	0.0	47.077	5.394	0.0	54.784	6.31
180	15186	15187	SN	1	0.0	44.906	2.422	0.0	49.122	4.041	0.0	41.121	2.179	0.0	45.777	3.786	0.0	45.221	2.401	0.0	47.496	3.747	0.0	40.634	2.044	0.0	42.578	3.039
181	15187	15188	NS	1	0.0	45.182	1.704	0.0	49.249	2.106	0.0	42.852	1.693	0.0	44.583	2.242	0.0	46.197	1.717	0.0	46.92	1.93	0.0	42.346	1.663	0.0	44.403	1.989
182	15187	15188	NS	1	0.0	49.048	4.798	0.0	34.945	2.659	0.0	43.853	4.279	0.0	35.734	3.044	0.0	49.906	4.842	0.0	34.039	2.197	0.0	41.814	4.289	0.0	36.107	3.006
183	15187	15188	NS	1	0.0	53.945	6.161	0.0	56.517	7.865	0.0	50.016	5.888	0.0	47.807	7.308	0.0	54.981	6.363	0.0	57.573	7.459	0.0	47.158	5.711	0.0	44.112	6.732
184	15187	15188	SN	1	0.0	46.576	1.996	0.0	45.242	2.691	0.0	42.818	2.263	0.0	45.09	2.933	0.0	47.108	2.006	0.0	45.419	2.488	0.0	43.01	2.199	0.0	46.186	2.634
185	15187	15188	NS	1	0.0	51.537	6.192	0.0	51.099	7.554	0.0	46.62	5.718	0.0	47.088	7.19	0.0	51.841	6.456	0.0	50.614	7.255	0.0	46.755	5.661	0.0	46.103	6.548
186	15187	15188	NS	1	0.0	43.166	1.206	0.0	35.125	0.885	0.0	41.296	1.386	0.0	37.063	1.273	0.0	42.723	1.226	0.0	36.792	0.8	0.0	40.356	1.33	0.0	33.146	1.282
187	15187	15188	SN	1	0.0	50.902	0.535	0.0	43.169	0.785	0.0	37.575	0.648	0.0	39.532	0.844	0.0	52.567	0.55	0.0	41.46	0.717	0.0	38.599	0.569	0.0	38.468	0.707
188	15187	15188	NS	1	0.0	52.301	1.704	0.0	54.666	2.266	0.0	41.71	1.741	0.0	44.052	2.469	0.0	50.621	1.724	0.0	53.266	2.056	0.0	38.34	1.652	0.0	45.205	2.205
189	15188	15189	SN	1	0.0	44.218	1.223	0.0	47.261	1.509	0.0	37.734	1.086	0.0	42.762	1.438	0.0	44.783	1.261	0.0	44.938	1.362	0.0	36.114	1.072	0.0	42.982	1.216
190	15188	15189	SN	1	0.0	46.84	5.463	0.0	52.937	6.174	0.0	46.572	4.176	0.0	47.272	4.912	0.0	47.293	5.615	0.0	53.412	5.931	0.0	45.964	4.176	0.0	47.566	4.471
191	15188	15189	NS	1	0.0	43.2	1.228	0.0	47.971	1.879	0.0	41.777	1.32	0.0	41.67	1.813	0.0	44.694	1.268	0.0	45.72	1.759	0.0	44.128	1.299	0.0	40.639	1.654
192	15188	15189	NS	1	0.0	52.977	5.077	0.0	54.866	7.531	0.0	40.807	4.475	0.0	46.712	6.081	0.0	53.91	5.33	0.0	57.166	7.298	0.0	41.937	4.532	0.0	43.946	5.655
193	15189	15190	SN	1	0.0	50.476	1.232	0.0	50.222	1.555	0.0	41.46	1.083	0.0	41.992	1.582	0.0	48.844	1.196	0.0	50.124	1.509	0.0	40.753	1.086	0.0	43.21	1.458
194	15189	15190	SN	1	0.0	47.875	4.693	0.0	53.59	5.676	0.0	43.728	4.091	0.0	46.419	5.688	0.0	49.137	4.784	0.0	53.737	5.25	0.0	44.301	4.055	0.0	45.694	5.318
195	15189	15190	NS	1	0.0	43.669	1.668	0.0	53.143	2.375	0.0	39.017	1.806	0.0	49.999	2.517	0.0	43.623	1.718	0.0	52.075	2.352	0.0	37.606	1.817	0.0	50.802	2.396
196	15189	15190	SN	1	0.0	43.381	1.23	0.0	44.207	1.557	0.0	39.035	1.079	0.0	46.545	1.634	0.0	41.859	1.183	0.0	46.775	1.525	0.0	38.89	1.09	0.0	42.508	1.47
197	15189	15190	SN	1	0.0	47.467	4.774	0.0	53.648	5.676	0.0	44.397	4.147	0.0	47.481	5.709	0.0	48.729	4.825	0.0	53.795	5.25	0.0	45.045	4.069	0.0	44.93	5.311
198	15189	15190	NS	1	0.0	49.464	6.386	0.0	54.993	8.081	0.0	45.141	5.866	0.0	49.345	7.161	0.0	50.053	6.467	0.0	56.771	7.858	0.0	46.488	5.973	0.0	47.003	7.473
199	15189	15190	NS	1	0.0	43.669	1.64	0.0	53.143	2.333	0.0	39.017	1.771	0.0	49.999	2.474	0.0	43.623	1.688	0.0	52.075	2.31	0.0	37.606	1.787	0.0	50.802	2.355
200	15189	15190	NS	1	0.0	49.464	6.509	0.0	54.993	8.228	0.0	45.141	5.959	0.0	49.345	7.284	0.0	50.053	6.592	0.0	56.771	8.0	0.0	46.488	6.082	0.0	47.003	7.609
201	15190	15191	SN	1	0.0	44.611	0.97	0.0	45.805	1.305	0.0	43.135	1.146	0.0	47.027	1.633	0.0	43.982	0.979	0.0	46.723	1.269	0.0	41.066	1.174	0.0	44.044	1.51
202	15190	15191	NS	1	0.0	49.83	5.186	0.0	51.721	6.54	0.0	44.335	6.028	0.0	50.644	6.973	0.0	49.004	5.311	0.0	52.616	6.749	0.0	44.877	6.298	0.0	47.543	6.973
203	15190	15191	NS	1	0.0	44.834	1.662	0.0	47.119	2.213	0.0	41.197	1.892	0.0	45.508	2.353	0.0	45.1	1.691	0.0	48.127	2.224	0.0	40.644	1.876	0.0	43.87	2.316
204	15190	15191	SN	1	0.0	51.243	3.789	0.0	49.043	4.507	0.0	49.778	3.983	0.0	42.507	5.052	0.0	50.844	3.85	0.0	51.459	4.385	0.0	47.068	4.025	0.0	46.063	4.725
205	15190	15191	NS	1	0.0	44.834	1.662	0.0	47.119	2.213	0.0	41.197	1.892	0.0	45.508	2.353	0.0	45.1	1.691	0.0	48.127	2.224	0.0	40.644	1.876	0.0	43.87	2.316
206	15190	15191	NS	1	0.0	49.83	5.039	0.0	51.721	6.356	0.0	44.335	5.865	0.0	50.644	6.777	0.0	49.004	5.161	0.0	52.616	6.559	0.0	44.877	6.114	0.0	47.543	6.777
207	15190	15191	NS	1	0.0	49.83	5.039	0.0	51.721	6.356	0.0	44.335	5.865	0.0	50.644	6.777	0.0	49.004	5.161	0.0	52.616	6.559	0.0	44.877	6.114	0.0	47.543	6.777
208	15190	15191	NS	1	0.0	44.834	1.707	0.0	47.119	2.276	0.0	41.197	1.947	0.0	45.508	2.421	0.0	45.1	1.738	0.0	48.127	2.288	0.0	40.644	1.931	0.0	43.87	2.383
209	15191	15192	NS	1	0.0	51.408	8.07	0.0	53.24	9.421	0.0	41.088	7.916	0.0	45.917	8.982	0.0	51.716	8.293	0.0	51.027	9.37	0.0	41.518	8.151	0.0	44.817	9.06
210	15191	15192	SN	1	0.0	46.925	1.968	0.0	42.606	2.443	0.0	39.572	2.097	0.0	40.702	2.665	0.0	47.152	1.986	0.0	43.453	2.406	0.0	40.943	2.211	0.0	42.786	2.631
211	15191	15192	SN	1	0.0	47.532	1.961	0.0	42.473	2.445	0.0	39.083	2.09	0.0	40.643	2.677	0.0	47.759	1.968	0.0	43.453	2.413	0.0	40.455	2.2	0.0	42.728	2.64

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

212	15191	15192	SN	1	0.0	52.432	6.95	0.0	44.113	7.826	0.0	45.111	6.162	0.0	44.674	8.262	0.0	52.459	7.406	0.0	45.935	7.806	0.0	44.361	6.68	0.0	44.495	8.425
213	15191	15192	SN	1	0.0	47.383	6.981	0.0	44.014	7.836	0.0	45.273	6.169	0.0	44.674	8.24	0.0	47.865	7.406	0.0	45.951	7.877	0.0	44.524	6.715	0.0	44.495	8.404
214	15191	15192	NS	1	0.0	51.408	8.131	0.0	53.24	9.431	0.0	43.478	7.824	0.0	47.182	8.975	0.0	51.716	8.293	0.0	51.027	9.279	0.0	42.398	8.087	0.0	43.104	9.024
215	15191	15192	NS	1	0.0	47.001	2.289	0.0	47.784	3.035	0.0	41.856	2.446	0.0	44.042	3.15	0.0	46.016	2.264	0.0	48.069	2.929	0.0	38.976	2.416	0.0	43.411	3.05
216	15191	15192	NS	1	0.0	51.408	8.989	0.0	53.24	10.398	0.0	43.478	8.625	0.0	47.182	9.929	0.0	51.716	9.135	0.0	51.027	10.264	0.0	42.398	9.017	0.0	43.104	9.968
217	15191	15192	NS	1	0.0	47.001	2.28	0.0	47.05	3.01	0.0	36.458	2.441	0.0	44.042	3.169	0.0	46.016	2.26	0.0	48.069	2.924	0.0	35.984	2.399	0.0	43.411	3.05
218	15191	15192	NS	1	0.0	47.001	2.519	0.0	47.05	3.301	0.0	38.245	2.679	0.0	44.042	3.479	0.0	46.016	2.499	0.0	48.069	3.212	0.0	39.759	2.636	0.0	43.411	3.362
219	15192	15193	NS	1	0.0	44.379	1.758	0.0	43.839	1.889	0.0	45.567	1.956	0.0	42.414	2.448	0.0	43.99	1.788	0.0	43.56	1.898	0.0	45.296	2.007	0.0	42.015	2.42
220	15192	15193	NS	1	0.0	44.86	1.776	0.0	41.246	1.882	0.0	43.177	1.938	0.0	42.436	2.438	0.0	45.673	1.815	0.0	43.56	1.88	0.0	44.068	1.996	0.0	41.9	2.407
221	15192	15193	NS	1	0.0	44.379	2.064	0.0	43.839	2.198	0.0	45.567	2.195	0.0	42.414	2.85	0.0	43.99	2.102	0.0	43.56	2.211	0.0	45.296	2.26	0.0	42.015	2.819
222	15192	15193	SN	1	0.0	51.334	5.604	0.0	52.958	7.33	0.0	45.932	4.783	0.0	45.264	6.227	0.0	50.681	5.665	0.0	50.401	7.076	0.0	45.301	4.684	0.0	42.725	5.928
223	15192	15193	SN	1	0.0	46.571	4.942	0.0	52.958	7.41	0.0	47.207	3.924	0.0	45.264	6.249	0.0	46.927	5.008	0.0	50.401	7.202	0.0	49.775	3.886	0.0	44.05	6.049
224	15192	15193	NS	1	0.0	50.571	5.413	0.0	50.097	6.521	0.0	48.356	6.438	0.0	48.082	7.497	0.0	49.948	5.535	0.0	49.875	6.358	0.0	49.252	6.672	0.0	45.865	7.163
225	15192	15193	SN	1	0.0	44.922	1.329	0.0	54.58	1.909	0.0	35.943	1.103	0.0	42.778	1.776	0.0	44.875	1.319	0.0	51.63	1.887	0.0	35.95	1.059	0.0	40.869	1.648
226	15192	15193	NS	1	0.0	49.519	5.373	0.0	50.824	6.46	0.0	48.588	6.374	0.0	50.995	7.468	0.0	49.959	5.494	0.0	50.177	6.298	0.0	49.483	6.644	0.0	48.783	7.134
227	15192	15193	NS	1	0.565	49.519	6.264	0.0	50.824	7.492	0.0	48.588	7.141	0.0	50.995	8.661	0.662	49.959	6.371	0.0	50.177	7.361	0.0	49.483	7.417	0.0	48.783	8.394
228	15192	15193	SN	1	0.0	45.05	1.462	0.0	48.348	1.905	0.0	40.278	1.246	0.0	42.778	1.747	0.0	45.037	1.456	0.0	47.99	1.878	0.0	40.867	1.2	0.0	41.759	1.581

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	15164	15165	SN	1	0.0	29.731	12.771	0.0	27.365	13.764	0.0	136.507	9.484	0.0	95.021	11.971	0.0	1.417	0.0	1.758	0.0	0.0	1.835	0.0	0.0	2.105	0.0	
2	15164	15165	SN	1	0.0	29.731	12.798	0.0	27.365	13.53	0.0	136.507	9.572	0.0	95.021	11.516	0.0	1.417	0.0	1.758	0.0	0.0	1.835	0.0	0.0	2.105	0.0	
3	15164	15165	SN	1	0.0	23.268	5.739	0.0	25.562	6.86	0.0	135.614	2.028	0.0	266.772	2.742	0.0	1.407	0.0	1.757	0.0	0.0	1.831	0.0	0.0	2.109	0.0	
4	15164	15165	NS	1	0.0	255.033	6.454	0.0	24.674	7.662	0.0	351.408	3.195	0.0	123.282	3.854	0.0	1.43	0.0	1.8	0.0	0.0	1.871	0.0	0.0	2.159	0.0	
5	15164	15165	NS	1	0.0	199.001	10.391	0.0	30.206	14.461	0.0	352.654	11.207	0.0	73.239	13.296	0.0	1.413	0.0	1.803	0.0	0.0	1.851	0.0	0.0	2.16	0.0	
6	15164	15165	SN	1	0.0	23.268	5.724	0.0	25.562	6.914	0.0	135.614	2.014	0.0	266.772	2.919	0.0	1.407	0.0	1.757	0.0	0.0	1.831	0.0	0.0	2.109	0.0	
7	15164	15165	SN	1	0.0	29.731	12.771	0.0	27.365	13.743	0.0	136.524	9.491	0.0	248.696	11.943	0.0	1.416	0.0	1.757	0.0	0.0	1.834	0.0	0.0	2.105	0.0	
8	15164	15165	SN	1	0.0	23.268	5.733	0.0	25.584	6.914	0.0	135.63	2.021	0.0	205.332	2.896	0.0	1.406	0.0	1.756	0.0	0.0	1.83	0.0	0.0	2.109	0.0	
9	15165	15166	NS	1	0.0	260.212	6.426	0.0	24.669	7.62	0.0	328.493	3.177	0.0	132.658	3.787	0.0	1.421	0.0	1.8	0.0	0.0	1.869	0.0	0.0	2.159	0.0	
10	15165	15166	NS	1	0.0	160.385	10.398	0.0	30.349	14.409	0.0	354.364	11.167	0.0	69.809	13.343	0.0	1.411	0.0	1.799	0.0	0.0	1.868	0.0	0.0	2.158	0.0	
11	15165	15166	NS	1	0.0	160.385	10.419	0.0	30.349	14.399	0.0	354.364	11.153	0.0	69.825	13.336	0.0	1.41	0.0	1.799	0.0	0.0	1.868	0.0	0.0	2.158	0.0	
12	15165	15166	SN	1	0.0	29.825	12.732	0.0	270.847	13.821	0.0	134.842	9.467	0.0	273.969	12.2	0.0	1.417	0.0	1.758	0.0	0.0	1.83	0.0	0.0	2.11	0.0	
13	15165	15166	SN	1	0.0	23.273	5.74	0.0	268.669	6.949	0.0	133.91	2.054	0.0	271.829	3.021	0.0	1.407	0.0	1.756	0.0	0.0	1.845	0.0	0.0	2.108	0.0	
14	15165	15166	SN	1	0.0	23.273	5.75	0.0	268.669	6.926	0.0	133.91	2.063	0.0	271.829	2.909	0.0	1.407	0.0	1.756	0.0	0.0	1.845	0.0	0.0	2.108	0.0	
15	15165	15166	SN	1	0.0	23.273	5.75	0.0	268.669	6.926	0.0	133.91	2.063	0.0	271.829	2.911	0.0	1.407	0.0	1.756	0.0	0.0	1.845	0.0	0.0	2.108	0.0	
16	15165	15166	NS	1	0.0	197.804	6.424	0.0	24.669	7.613	0.0	328.498	3.177	0.0	132.707	3.783	0.0	1.42	0.0	1.8	0.0	0.0	1.869	0.0	0.0	2.159	0.0	
17	15165	15166	SN	1	0.629	29.825	12.747	0.0	270.847	13.691	0.0	134.842	9.51	0.0	273.969	11.94	0.004	1.417	0.0	1.758	0.0	0.0	1.83	0.0	0.0	2.11	0.0	
18	15165	15166	SN	1	0.629	29.825	12.747	0.0	270.847	13.691	0.0	134.842	9.51	0.0	273.969	11.94	0.004	1.417	0.0	1.758	0.0	0.0	1.83	0.0	0.0	2.11	0.0	
19	15166	15167	NS	1	0.0	125.508	10.337	0.0	30.266	14.418	0.0	145.334	11.147	0.0	69.588	13.336	0.0	1.41	0.0	1.8	0.0	0.0	1.866	0.0	0.0	2.158	0.0	
20	15166	15167	SN	1	0.0	23.279	5.787	0.0	25.568	6.856	0.0	144.863	2.097	0.0	13.55	2.843	0.0	1.407	0.0	1.756	0.0	0.0	1.845	0.0	0.0	2.109	0.0	
21	15166	15167	SN	1	0.0	29.72	12.762	0.0	27.371	13.562	0.0	101.178	9.613	0.0	20.455	11.712	0.0	1.417	0.0	1.758	0.0	0.0	1.831	0.0	0.0	2.108	0.0	
22	15166	15167	SN	1	0.0	29.72	12.755	0.0	27.371	13.695	0.0	101.178	9.553	0.0	38.577	11.975	0.0	1.417	0.0	1.758	0.0	0.0	1.831	0.0	0.0	2.108	0.0	
23	15166	15167	SN	1	0.0	29.72	12.755	0.0	27.371	13.695	0.0	101.178	9.553	0.0	38.577	11.975	0.0	1.417	0.0	1.758	0.0	0.0	1.831	0.0	0.0	2.108	0.0	
24	15166	15167	NS	1	0.0	264.328	6.422	0.0	24.669	7.582	0.0	123.688	3.141	0.0	132.343	3.75	0.0	1.431	0.0	1.8	0.0	0.0	1.869	0.0	0.0	2.158	0.0	
25	15166	15167	SN	1	0.0	23.279	5.769	0.0	26.039	6.89	0.0	144.863	2.082	0.0	49.155	2.982	0.0	1.407	0.0	1.756	0.0	0.0	1.845	0.0	0.0	2.109	0.0	
26	15166	15167	SN	1	0.0	23.279	5.769	0.0	26.034	6.89	0.0	144.863	2.084	0.0	49.161	2.982	0.0	1.407	0.0	1.756	0.0	0.0	1.845	0.0	0.0	2.109	0.0	
27	15167	15168	SN	1	0.0	23.29	5.77	0.0	25.534	6.886	0.0	160.128	2.119	0.0	61.481	2.994	0.0	1.41	0.0	1.756	0.0	0.0	1.829	0.0	0.0	2.109	0.0	
28	15167	15168	SN	1	0.0	29.196	12.777	0.0	27.365	13.769	0.0	167.463	9.492	0.0	78.181	12.056	0.0	1.421	0.0	1.757	0.0	0.0	1.798	0.0	0.0	2.107	0.0	
29	15167	15168	NS	1	0.0	153.482	6.425	0.0	24.669	7.55	0.0	351.485	3.127	0.0	123.701	3.735	0.0	1.431	0.0	1.799	0.0	0.0	1.869	0.0	0.0	2.158	0.0	
30	15167	15168	NS	1	0.0	218.741	10.314	0.0	30.316	14.426	0.0	259.451	11.141	0.0	77.315	13.289	0.0	1.402	0.0	1.801	0.0	0.0	1.866	0.0	0.0	2.155	0.0	
31	15167	15168	NS	1	0.0	91.524	10.295	0.0	30.321	14.436	0.0	259.451	11.191	0.0	77.353	13.296	0.0	1.402	0.0	1.801	0.0	0.0	1.866	0.0	0.0	2.156	0.0	

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

32	15167	15168	SN	1	0.0	29.196	12.803	0.0	27.365	13.509	0.0	167.463	9.583	0.0	17.334	11.561	0.0	1.421	0.0	0.0	1.757	0.0	0.0	1.798	0.0	0.0	2.107	0.0
33	15167	15168	NS	1	0.0	153.488	6.42	0.0	24.669	7.552	0.0	351.49	3.131	0.0	123.906	3.731	0.0	1.431	0.0	0.0	1.799	0.0	0.0	1.869	0.0	0.0	2.158	0.0
34	15167	15168	SN	1	0.0	23.29	5.791	0.0	25.534	6.829	0.0	160.128	2.135	0.0	12.398	2.803	0.0	1.41	0.0	0.0	1.756	0.0	0.0	1.829	0.0	0.0	2.109	0.0
35	15168	15169	SN	1	0.0	29.367	12.75	0.0	170.948	13.743	0.0	118.418	9.472	0.0	128.353	12.016	0.0	1.418	0.0	0.0	1.756	0.0	0.0	1.797	0.0	0.0	2.111	0.0
36	15168	15169	NS	1	0.0	121.272	10.385	0.0	30.283	14.418	0.0	329.315	11.155	0.0	73.245	13.311	0.0	1.4	0.0	0.0	1.801	0.0	0.0	1.867	0.0	0.0	2.156	0.0
37	15168	15169	SN	1	0.0	23.284	5.763	0.0	116.317	6.913	0.0	127.385	2.115	0.0	236.434	3.001	0.0	1.407	0.0	0.0	1.756	0.0	0.0	1.829	0.0	0.0	2.109	0.0
38	15168	15169	SN	1	0.0	23.284	5.763	0.0	116.317	6.913	0.0	127.385	2.115	0.0	236.434	2.998	0.0	1.407	0.0	0.0	1.756	0.0	0.0	1.829	0.0	0.0	2.109	0.0
39	15168	15169	NS	1	0.0	57.602	6.436	0.0	24.669	7.563	0.0	320.408	3.118	0.0	131.621	3.738	0.0	1.429	0.0	0.0	1.799	0.0	0.0	1.869	0.0	0.0	2.158	0.0
40	15168	15169	SN	1	0.0	29.367	12.75	0.0	170.948	13.743	0.0	118.418	9.472	0.0	128.353	12.009	0.0	1.418	0.0	0.0	1.756	0.0	0.0	1.797	0.0	0.0	2.111	0.0
41	15168	15169	SN	1	0.0	23.284	5.798	0.0	116.317	6.827	0.0	127.385	2.142	0.0	236.434	2.75	0.0	1.407	0.0	0.0	1.756	0.0	0.0	1.829	0.0	0.0	2.109	0.0
42	15168	15169	NS	1	0.0	252.394	6.42	0.0	24.669	7.565	0.0	320.441	3.106	0.0	131.676	3.738	0.0	1.429	0.0	0.0	1.8	0.0	0.0	1.869	0.0	0.0	2.158	0.0
43	15168	15169	SN	1	0.0	29.367	12.803	0.0	170.948	13.319	0.0	118.418	9.622	0.0	128.353	11.39	0.0	1.418	0.0	0.0	1.756	0.0	0.0	1.797	0.0	0.0	2.111	0.0
44	15168	15169	NS	1	0.0	170.769	10.396	0.0	30.283	14.407	0.0	329.337	11.155	0.0	73.272	13.311	0.0	1.401	0.0	0.0	1.801	0.0	0.0	1.867	0.0	0.0	2.156	0.0
45	15169	15170	SN	1	0.0	23.284	5.759	0.0	25.937	6.93	0.0	122.869	2.095	0.0	194.842	3.006	0.0	1.408	0.0	0.0	1.756	0.0	0.0	1.844	0.0	0.0	2.108	0.0
46	15169	15170	SN	1	0.0	29.698	12.725	0.0	27.354	13.81	0.0	139.783	9.517	0.0	151.175	12.168	0.0	1.419	0.0	0.0	1.757	0.0	0.0	1.831	0.0	0.0	2.108	0.0
47	15169	15170	SN	1	0.0	29.698	12.747	0.0	27.354	13.621	0.0	139.783	9.582	0.0	151.175	11.845	0.0	1.419	0.0	0.0	1.757	0.0	0.0	1.831	0.0	0.0	2.108	0.0
48	15169	15170	SN	1	0.0	23.284	5.774	0.0	25.568	6.89	0.0	122.869	2.108	0.0	194.842	2.867	0.0	1.408	0.0	0.0	1.756	0.0	0.0	1.844	0.0	0.0	2.108	0.0
49	15169	15170	NS	1	0.0	238.185	10.319	0.0	30.233	14.451	0.0	339.523	11.129	0.0	83.916	13.225	0.0	1.404	0.0	0.0	1.802	0.0	0.0	1.866	0.0	0.0	2.157	0.0
50	15169	15170	NS	1	0.0	238.185	10.37	0.0	30.228	14.431	0.0	339.49	11.072	0.0	83.856	13.218	0.0	1.403	0.0	0.0	1.801	0.0	0.0	1.85	0.0	0.0	2.156	0.0
51	15169	15170	SN	1	0.0	29.698	12.725	0.0	27.354	13.81	0.0	139.783	9.517	0.0	151.175	12.168	0.0	1.419	0.0	0.0	1.757	0.0	0.0	1.831	0.0	0.0	2.108	0.0
52	15169	15170	NS	1	0.0	187.047	6.43	0.0	24.674	7.561	0.0	319.421	3.128	0.0	136.331	3.762	0.0	1.432	0.0	0.0	1.8	0.0	0.0	1.869	0.0	0.0	2.157	0.0
53	15169	15170	SN	1	0.0	23.284	5.759	0.0	25.937	6.93	0.0	122.869	2.095	0.0	194.842	3.006	0.0	1.408	0.0	0.0	1.756	0.0	0.0	1.844	0.0	0.0	2.108	0.0
54	15169	15170	NS	1	0.0	240.2	6.423	0.0	24.669	7.552	0.0	319.343	3.122	0.0	136.204	3.745	0.0	1.431	0.0	0.0	1.799	0.0	0.0	1.868	0.0	0.0	2.157	0.0
55	15170	15171	NS	1	0.0	26.006	6.434	0.0	24.68	7.602	0.0	306.935	3.163	0.0	124.049	3.803	0.0	1.415	0.0	0.0	1.8	0.0	0.0	1.869	0.0	0.0	2.158	0.0
56	15170	15171	SN	1	0.0	29.737	12.822	0.0	125.717	13.267	0.0	135.145	9.788	0.0	14.367	10.969	0.0	1.419	0.0	0.0	1.757	0.0	0.0	1.829	0.0	0.0	2.107	0.0
57	15170	15171	SN	1	0.0	29.737	12.748	0.0	125.717	13.815	0.0	135.145	9.527	0.0	54.885	12.092	0.0	1.419	0.0	0.0	1.757	0.0	0.0	1.829	0.0	0.0	2.107	0.0
58	15170	15171	SN	1	0.0	29.737	12.748	0.0	125.717	13.815	0.0	135.145	9.527	0.0	54.913	12.085	0.0	1.419	0.0	0.0	1.757	0.0	0.0	1.829	0.0	0.0	2.107	0.0
59	15170	15171	NS	1	0.0	79.65	10.35	0.0	30.184	14.4	0.0	353.878	11.144	0.0	73.774	13.238	0.0	1.415	0.0	0.0	1.802	0.0	0.0	1.866	0.0	0.0	2.159	0.0
60	15170	15171	NS	1	0.0	240.115	10.35	0.0	30.184	14.41	0.0	353.867	11.158	0.0	73.708	13.239	0.0	1.401	0.0	0.0	1.802	0.0	0.0	1.864	0.0	0.0	2.158	0.0
61	15170	15171	SN	1	0.0	23.279	5.834	0.0	238.052	6.812	0.0	134.026	2.143	0.0	12.083	2.683	0.0	1.408	0.0	0.0	1.756	0.0	0.0	1.827	0.0	0.0	2.109	0.0
62	15170	15171	SN	1	0.0	23.279	5.758	0.0	238.052	6.936	0.0	134.026	2.085	0.0	44.903	2.964	0.0	1.408	0.0	0.0	1.756	0.0	0.0	1.827	0.0	0.0	2.109	0.0
63	15170	15171	SN	1	0.0	23.279	5.76	0.0	238.052	6.936	0.0	134.026	2.085	0.0	44.936	2.969	0.0	1.408	0.0	0.0	1.756	0.0	0.0	1.827	0.0	0.0	2.109	0.0
64	15170	15171	NS	1	0.0	170.405	6.452	0.0	24.68	7.606	0.0	307.056	3.163	0.0	124.154	3.815	0.0	1.43	0.0	0.0	1.8	0.0	0.0	1.87	0.0	0.0	2.159	0.0
65	15171	15172	SN	1	0.0	23.279	5.823	0.0	193.662	6.789	0.0	130.468	2.124	0.0	12.111	2.645	0.0	1.407	0.0	0.0	1.755	0.0	0.0	1.843	0.0	0.0	2.107	0.0
66	15171	15172	NS	1	0.0	273.26	10.453	0.0	30.333	14.323	0.0	354.507	11.161	0.0	71.243	13.305	0.0	1.41	0.0	0.0	1.801	0.0	0.0	1.853	0.0	0.0	2.16	0.0
67	15171	15172	NS	1	0.0	253.924	10.471	0.0	30.333	14.334	0.0	354.496	11.132	0.0	71.182	13.334	0.0	1.409	0.0	0.0	1.801	0.0	0.0	1.852	0.0	0.0	2.159	0.0
68	15171	15172	SN	1	0.0	23.273	5.729	0.0	26.111	6.933	0.0	130.496	2.042	0.0	50.341	2.933	0.0	1.406	0.0	0.0	1.755	0.0	0.0	1.828	0.0	0.0	2.109	0.0

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

69	15171	15172	SN	1	0.0	23.279	5.733	0.0	193.662	6.918	0.0	130.468	2.045	0.0	50.341	2.929	0.0	1.407	0.0	0.0	1.755	0.0	0.0	1.843	0.0	0.0	2.107	0.0
70	15171	15172	SN	1	0.0	29.798	12.741	0.0	270.21	13.711	0.0	136.965	9.538	0.0	83.938	12.144	0.0	1.418	0.0	0.0	1.757	0.0	0.0	1.832	0.0	0.0	2.108	0.0
71	15171	15172	SN	1	0.0	29.798	12.827	0.0	270.21	13.165	0.0	136.965	9.884	0.0	14.372	10.893	0.0	1.418	0.0	0.0	1.757	0.0	0.0	1.832	0.0	0.0	2.108	0.0
72	15171	15172	SN	1	0.0	29.792	12.741	0.0	218.474	13.721	0.0	137.015	9.566	0.0	83.938	12.137	0.0	1.416	0.0	0.0	1.757	0.0	0.0	1.831	0.0	0.0	2.108	0.0
73	15171	15172	NS	1	0.0	253.924	6.425	0.0	24.68	7.667	0.0	329.436	3.191	0.0	132.007	3.808	0.0	1.431	0.0	0.0	1.8	0.0	0.0	1.869	0.0	0.0	2.159	0.0
74	15171	15172	NS	1	0.0	268.865	6.421	0.0	24.68	7.673	0.0	329.491	3.163	0.0	132.095	3.795	0.0	1.415	0.0	0.0	1.8	0.0	0.0	1.87	0.0	0.0	2.159	0.0
75	15172	15173	SN	1	0.0	23.279	5.711	0.0	26.083	6.915	0.0	115.374	2.044	0.0	67.52	2.922	0.0	1.408	0.0	0.0	1.755	0.0	0.0	1.845	0.0	0.0	2.108	0.0
76	15172	15173	NS	1	0.0	235.344	6.416	0.0	24.674	7.66	0.0	122.938	3.177	0.0	132.454	3.79	0.0	1.42	0.0	0.0	1.8	0.0	0.0	1.869	0.0	0.0	2.159	0.0
77	15172	15173	NS	1	0.0	271.131	10.359	0.0	30.338	14.315	0.0	354.854	11.125	0.0	71.121	13.298	0.0	1.41	0.0	0.0	1.801	0.0	0.0	1.85	0.0	0.0	2.161	0.0
78	15172	15173	SN	1	0.0	29.654	12.755	0.0	27.371	13.717	0.0	133.16	9.567	0.0	38.864	11.997	0.0	1.418	0.0	0.0	1.757	0.0	0.0	1.836	0.0	0.0	2.108	0.0
79	15173	15174	NS	1	0.0	43.555	10.336	0.0	30.31	14.397	0.0	141.297	11.178	0.0	78.401	13.347	0.0	1.404	0.0	0.0	1.8	0.0	0.0	1.867	0.0	0.0	2.16	0.0
80	15173	15174	SN	1	0.0	23.273	5.742	0.0	166.672	6.924	0.0	138.989	2.092	0.0	274.931	2.934	0.0	1.407	0.0	0.0	1.755	0.0	0.0	1.832	0.0	0.0	2.109	0.0
81	15173	15174	SN	1	0.0	29.748	12.788	0.0	276.911	13.792	0.0	116.146	9.52	0.0	242.988	12.055	0.0	1.417	0.0	0.0	1.756	0.0	0.0	1.833	0.0	0.0	2.11	0.0
82	15173	15174	NS	1	0.0	69.018	6.43	0.0	24.674	7.613	0.0	351.628	3.156	0.0	125.654	3.759	0.0	1.416	0.0	0.0	1.8	0.0	0.0	1.869	0.0	0.0	2.158	0.0
83	15174	15175	NS	1	0.0	271.214	10.299	0.0	30.294	14.37	0.0	145.086	11.128	0.0	68.8	13.239	0.0	1.4	0.0	0.0	1.802	0.0	0.0	1.867	0.0	0.0	2.158	0.0
84	15174	15175	NS	1	0.0	239.569	6.436	0.0	24.674	7.604	0.0	341.861	3.161	0.0	69.787	3.785	0.0	1.417	0.0	0.0	1.8	0.0	0.0	1.869	0.0	0.0	2.159	0.0
85	15174	15175	SN	1	0.0	23.279	5.759	0.0	166.672	6.915	0.0	137.605	2.094	0.0	271.06	2.976	0.0	1.407	0.0	0.0	1.756	0.0	0.0	1.828	0.0	0.0	2.11	0.0
86	15174	15175	SN	1	0.0	29.411	12.796	0.0	276.911	13.788	0.0	134.698	9.47	0.0	130.14	12.062	0.0	1.417	0.0	0.0	1.757	0.0	0.0	1.804	0.0	0.0	2.109	0.0
87	15175	15176	NS	1	0.0	153.775	6.427	0.0	24.674	7.696	0.0	351.055	3.195	0.0	89.034	3.815	0.0	1.414	0.0	0.0	1.8	0.0	0.0	1.869	0.0	0.0	2.159	0.0
88	15175	15176	SN	1	0.0	23.284	5.757	0.0	25.893	6.919	0.0	122.913	2.063	0.0	77.445	2.988	0.0	1.407	0.0	0.0	1.756	0.0	0.0	1.845	0.0	0.0	2.107	0.0
89	15175	15176	NS	1	0.0	119.819	10.31	0.0	30.062	14.399	0.0	144.75	11.107	0.0	69.318	13.323	0.0	1.394	0.0	0.0	1.802	0.0	0.0	1.867	0.0	0.0	2.158	0.0
90	15175	15176	NS	1	0.0	119.819	10.36	0.0	30.029	14.036	0.0	144.75	11.451	0.0	14.543	12.924	0.0	1.394	0.0	0.0	1.802	0.0	0.0	1.867	0.0	0.0	2.158	0.0
91	15175	15176	SN	1	0.0	29.764	12.776	0.0	54.033	13.829	0.0	139.403	9.473	0.0	82.719	12.104	0.0	1.417	0.0	0.0	1.757	0.0	0.0	1.832	0.0	0.0	2.109	0.0
92	15175	15176	NS	1	0.0	153.775	6.56	0.0	24.674	7.761	0.0	351.055	3.298	0.0	14.129	3.754	0.0	1.414	0.0	0.0	1.8	0.0	0.0	1.869	0.0	0.0	2.159	0.0
93	15176	15177	NS	1	0.0	239.045	10.396	0.0	30.344	14.374	0.0	354.314	11.194	0.0	68.612	13.312	0.0	1.409	0.0	0.0	1.802	0.0	0.0	1.863	0.0	0.0	2.161	0.0
94	15176	15177	NS	1	0.0	239.045	10.549	0.0	30.029	13.788	0.0	354.314	11.965	0.0	14.273	12.742	0.0	1.409	0.0	0.0	1.802	0.0	0.0	1.863	0.0	0.0	2.161	0.0
95	15176	15177	NS	1	0.0	156.554	6.429	0.0	24.674	7.741	0.0	331.973	3.234	0.0	69.406	3.857	0.0	1.427	0.0	0.0	1.801	0.0	0.0	1.869	0.0	0.0	2.16	0.0
96	15176	15177	NS	1	0.0	156.554	6.683	0.0	24.674	7.881	0.0	331.973	3.477	0.0	14.135	3.923	0.0	1.427	0.0	0.0	1.801	0.0	0.0	1.869	0.0	0.0	2.16	0.0
97	15176	15177	SN	1	0.0	29.731	12.746	0.0	78.354	13.817	0.0	134.693	9.48	0.0	80.544	12.133	0.0	1.419	0.0	0.0	1.757	0.0	0.0	1.831	0.0	0.0	2.109	0.0
98	15176	15177	SN	1	0.0	23.268	5.754	0.0	25.948	6.908	0.0	133.612	2.104	0.0	67.702	2.981	0.0	1.409	0.0	0.0	1.755	0.0	0.0	1.844	0.0	0.0	2.107	0.0
99	15177	15178	SN	1	0.0	29.737	12.741	0.0	38.227	13.749	0.0	135.746	9.552	0.0	84.457	12.066	0.0	1.416	0.0	0.0	1.756	0.0	0.0	1.831	0.0	0.0	2.108	0.0
100	15177	15178	NS	1	0.0	96.703	10.431	0.0	30.261	14.409	0.0	354.579	11.133	0.0	69.478	13.328	0.0	1.41	0.0	0.0	1.803	0.0	0.0	1.861	0.0	0.0	2.161	0.0
101	15177	15178	NS	1	0.0	53.813	6.434	0.0	24.68	7.773	0.0	354.463	3.258	0.0	122.836	3.858	0.0	1.423	0.0	0.0	1.801	0.0	0.0	1.87	0.0	0.0	2.16	0.0
102	15177	15178	SN	1	0.0	23.268	5.729	0.0	25.579	6.929	0.0	117.216	2.099	0.0	65.231	2.97	0.0	1.407	0.0	0.0	1.755	0.0	0.0	1.827	0.0	0.0	2.108	0.0
103	15178	15179	NS	1	0.0	45.364	6.425	0.0	24.68	7.75	0.0	166.17	3.249	0.0	127.507	3.848	0.0	1.424	0.0	0.0	1.801	0.0	0.0	1.871	0.0	0.0	2.161	0.0
104	15178	15179	SN	1	0.0	29.632	12.753	0.0	27.371	13.714	0.0	125.615	9.495	0.0	39.383	11.94	0.0	1.415	0.0	0.0	1.757	0.0	0.0	1.833	0.0	0.0	2.108	0.0
105	15178	15179	SN	1	0.0	23.273	5.784	0.0	25.584	6.811	0.0	113.206	2.081	0.0	12.166	2.651	0.0	1.405	0.0	0.0	1.755	0.0	0.0	1.827	0.0	0.0	2.11	0.0

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

106	15178	15179	SN	1	0.0	29.632	12.796	0.0	26.814	13.263	0.0	125.615	9.706	0.0	14.493	11.179	0.0	1.415	0.0	0.0	1.757	0.0	0.0	1.833	0.0	0.0	2.108	0.0
107	15178	15179	SN	1	0.0	29.632	12.753	0.0	27.371	13.714	0.0	125.615	9.495	0.0	39.383	11.94	0.0	1.415	0.0	0.0	1.757	0.0	0.0	1.833	0.0	0.0	2.108	0.0
108	15178	15179	NS	1	0.0	55.964	10.471	0.0	30.333	14.404	0.0	354.882	11.155	0.0	79.245	13.326	0.0	1.409	0.0	0.0	1.804	0.0	0.0	1.851	0.0	0.0	2.16	0.0
109	15178	15179	SN	1	0.0	23.273	5.732	0.0	26.083	6.915	0.0	113.206	2.043	0.0	45.57	2.917	0.0	1.405	0.0	0.0	1.755	0.0	0.0	1.827	0.0	0.0	2.11	0.0
110	15178	15179	SN	1	0.0	23.273	5.732	0.0	26.083	6.915	0.0	113.206	2.043	0.0	45.57	2.917	0.0	1.405	0.0	0.0	1.755	0.0	0.0	1.827	0.0	0.0	2.11	0.0
111	15179	15180	NS	1	0.0	25.694	6.431	0.0	24.669	7.695	0.0	134.552	3.189	0.0	104.2	3.821	0.0	1.424	0.0	0.0	1.8	0.0	0.0	1.87	0.0	0.0	2.159	0.0
112	15179	15180	SN	1	0.0	23.295	5.759	0.0	25.573	6.908	0.0	134.748	2.073	0.0	70.526	2.957	0.0	1.406	0.0	0.0	1.756	0.0	0.0	1.828	0.0	0.0	2.109	0.0
113	15179	15180	NS	1	0.0	24.867	10.446	0.0	30.316	14.416	0.0	228.054	11.29	0.0	73.427	13.319	0.0	1.411	0.0	0.0	1.8	0.0	0.0	1.867	0.0	0.0	2.157	0.0
114	15179	15180	SN	1	0.0	29.66	12.796	0.0	27.376	13.727	0.0	136.083	9.485	0.0	154.125	11.976	0.0	1.415	0.0	0.0	1.756	0.0	0.0	1.799	0.0	0.0	2.11	0.0
115	15180	15181	SN	1	0.0	29.875	12.725	0.0	27.349	13.778	0.0	142.469	9.48	0.0	76.361	12.056	0.0	1.416	0.0	0.0	1.758	0.0	0.0	1.833	0.0	0.0	2.111	0.0
116	15180	15181	SN	1	0.0	29.875	12.758	0.0	27.349	13.657	0.0	142.469	9.537	0.0	20.064	11.78	0.0	1.416	0.0	0.0	1.758	0.0	0.0	1.833	0.0	0.0	2.111	0.0
117	15180	15181	SN	1	0.0	29.875	12.758	0.0	27.349	13.657	0.0	142.469	9.537	0.0	20.064	11.78	0.0	1.416	0.0	0.0	1.758	0.0	0.0	1.833	0.0	0.0	2.111	0.0
118	15180	15181	NS	1	0.0	150.176	10.372	0.0	51.267	14.591	0.0	198.267	11.172	0.0	68.265	13.267	0.0	1.41	0.0	0.0	1.801	0.0	0.0	1.867	0.0	0.0	2.156	0.0
119	15180	15181	NS	1	0.0	150.182	10.382	0.0	51.267	14.6	0.0	198.267	11.186	0.0	68.27	13.231	0.0	1.411	0.0	0.0	1.801	0.0	0.0	1.867	0.0	0.0	2.157	0.0
120	15180	15181	SN	1	0.0	23.284	5.775	0.0	25.551	6.899	0.0	125.659	2.107	0.0	14.24	2.876	0.0	1.406	0.0	0.0	1.756	0.0	0.0	1.829	0.0	0.0	2.11	0.0
121	15180	15181	SN	1	0.0	23.284	5.775	0.0	25.551	6.899	0.0	125.659	2.107	0.0	14.24	2.876	0.0	1.406	0.0	0.0	1.756	0.0	0.0	1.829	0.0	0.0	2.11	0.0
122	15180	15181	SN	1	0.0	23.284	5.763	0.0	25.551	6.922	0.0	125.659	2.096	0.0	68.811	2.994	0.0	1.406	0.0	0.0	1.756	0.0	0.0	1.829	0.0	0.0	2.11	0.0
123	15180	15181	NS	1	0.0	142.05	6.4	0.0	51.03	7.608	0.0	350.691	3.126	0.0	119.797	3.775	0.0	1.431	0.0	0.0	1.799	0.0	0.0	1.87	0.0	0.0	2.159	0.0
124	15180	15181	NS	1	0.0	142.061	6.409	0.0	51.036	7.604	0.0	350.691	3.122	0.0	119.813	3.771	0.0	1.431	0.0	0.0	1.799	0.0	0.0	1.87	0.0	0.0	2.159	0.0
125	15181	15182	NS	1	0.0	25.215	6.405	0.0	24.669	7.584	0.0	351.38	3.106	0.0	117.696	3.729	0.0	1.429	0.0	0.0	1.799	0.0	0.0	1.869	0.0	0.0	2.158	0.0
126	15181	15182	NS	1	0.0	25.215	6.405	0.0	24.669	7.584	0.0	351.38	3.106	0.0	117.696	3.729	0.0	1.429	0.0	0.0	1.799	0.0	0.0	1.869	0.0	0.0	2.158	0.0
127	15181	15182	SN	1	0.0	23.29	5.766	0.0	265.589	6.931	0.0	161.341	2.122	0.0	65.435	3.006	0.0	1.406	0.0	0.0	1.756	0.0	0.0	1.846	0.0	0.0	2.108	0.0
128	15181	15182	NS	1	0.0	25.661	10.28	0.0	30.09	14.632	0.0	348.049	11.143	0.0	70.228	13.224	0.0	1.413	0.0	0.0	1.801	0.0	0.0	1.864	0.0	0.0	2.158	0.0
129	15181	15182	NS	1	0.0	25.661	10.28	0.0	30.09	14.632	0.0	348.049	11.143	0.0	70.228	13.224	0.0	1.413	0.0	0.0	1.801	0.0	0.0	1.864	0.0	0.0	2.158	0.0
130	15181	15182	SN	1	0.0	29.82	12.778	0.0	237.843	13.535	0.0	161.998	9.582	0.0	21.638	11.647	0.0	1.416	0.0	0.0	1.758	0.0	0.0	1.833	0.0	0.0	2.111	0.0
131	15181	15182	SN	1	0.0	29.82	12.746	0.0	237.843	13.758	0.0	161.998	9.501	0.0	84.093	12.092	0.0	1.416	0.0	0.0	1.758	0.0	0.0	1.833	0.0	0.0	2.111	0.0
132	15181	15182	SN	1	0.0	23.29	5.766	0.0	265.589	6.931	0.0	161.341	2.122	0.0	65.435	3.006	0.0	1.406	0.0	0.0	1.756	0.0	0.0	1.846	0.0	0.0	2.108	0.0
133	15181	15182	SN	1	0.0	29.82	12.746	0.0	237.843	13.758	0.0	161.998	9.501	0.0	84.093	12.092	0.0	1.416	0.0	0.0	1.758	0.0	0.0	1.833	0.0	0.0	2.111	0.0
134	15181	15182	SN	1	0.0	23.29	5.781	0.0	265.589	6.887	0.0	161.341	2.136	0.0	58.531	2.835	0.0	1.406	0.0	0.0	1.756	0.0	0.0	1.846	0.0	0.0	2.108	0.0
135	15182	15183	SN	1	0.0	23.279	5.779	0.0	242.553	6.91	0.0	133.077	2.134	0.0	168.878	3.02	0.0	1.407	0.0	0.0	1.756	0.0	0.0	1.847	0.0	0.0	2.108	0.0
136	15182	15183	SN	1	0.0	29.775	12.796	0.0	219.72	13.405	0.0	134.169	9.624	0.0	128.37	11.468	0.0	1.415	0.0	0.0	1.758	0.0	0.0	1.834	0.0	0.0	2.111	0.0
137	15182	15183	NS	1	0.0	167.14	6.415	0.0	24.674	7.609	0.0	343.648	3.089	0.0	133.215	3.725	0.0	1.427	0.0	0.0	1.8	0.0	0.0	1.873	0.0	0.0	2.159	0.0
138	15182	15183	NS	1	0.0	255.061	6.425	0.0	24.674	7.59	0.0	285.371	3.083	0.0	122.312	3.746	0.0	1.432	0.0	0.0	1.8	0.0	0.0	1.873	0.0	0.0	2.157	0.0
139	15182	15183	SN	1	0.0	23.279	5.806	0.0	242.553	6.838	0.0	133.077	2.153	0.0	168.878	2.786	0.0	1.407	0.0	0.0	1.756	0.0	0.0	1.847	0.0	0.0	2.108	0.0
140	15182	15183	NS	1	0.0	199.006	10.341	0.0	30.057	14.581	0.0	348.7	11.143	0.0	75.142	13.203	0.0	1.413	0.0	0.0	1.801	0.0	0.0	1.867	0.0	0.0	2.157	0.0
141	15182	15183	NS	1	0.0	148.571	10.366	0.0	30.36	14.592	0.0	354.446	11.166	0.0	69.119	13.264	0.0	1.409	0.0	0.0	1.801	0.0	0.0	1.852	0.0	0.0	2.159	0.0
142	15182	15183	SN	1	0.0	29.775	12.779	0.0	27.354	13.752	0.0	134.29	9.498	0.0	73.744	12.051	0.0	1.414	0.0	0.0	1.758	0.0	0.0	1.834	0.0	0.0	2.111	0.0

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

143	15182	15183	SN	1	0.0	29.775	12.769	0.0	219.72	13.752	0.0	134.169	9.52	0.0	128.37	12.036	0.0	1.415	0.0	0.0	1.758	0.0	0.0	1.834	0.0	0.0	2.111	0.0
144	15182	15183	SN	1	0.0	23.279	5.783	0.0	25.954	6.897	0.0	133.198	2.131	0.0	73.727	3.019	0.0	1.406	0.0	0.0	1.756	0.0	0.0	1.846	0.0	0.0	2.108	0.0
145	15183	15184	SN	1	0.0	29.781	12.733	0.0	27.376	13.745	0.0	135.189	9.495	0.0	179.147	12.054	0.0	1.418	0.0	0.0	1.758	0.0	0.0	1.832	0.0	0.0	2.109	0.0
146	15183	15184	NS	1	0.0	218.314	10.409	0.0	30.333	14.531	0.0	339.804	11.214	0.0	68.75	13.249	0.0	1.4	0.0	0.0	1.799	0.0	0.0	1.868	0.0	0.0	2.16	0.0
147	15183	15184	SN	1	0.0	23.273	5.777	0.0	25.54	6.918	0.0	116.587	2.123	0.0	114.307	3.009	0.0	1.408	0.0	0.0	1.756	0.0	0.0	1.828	0.0	0.0	2.109	0.0
148	15183	15184	SN	1	0.0	29.781	12.744	0.0	27.376	13.688	0.0	135.189	9.512	0.0	179.147	11.999	0.0	1.418	0.0	0.0	1.758	0.0	0.0	1.832	0.0	0.0	2.109	0.0
149	15183	15184	NS	1	0.0	218.314	10.361	0.0	30.333	14.494	0.0	339.799	11.169	0.0	69.417	13.239	0.0	1.408	0.0	0.0	1.802	0.0	0.0	1.848	0.0	0.0	2.16	0.0
150	15183	15184	NS	1	0.0	218.135	6.405	0.0	24.674	7.589	0.0	339.887	3.103	0.0	77.359	3.76	0.0	1.427	0.0	0.0	1.8	0.0	0.0	1.869	0.0	0.0	2.159	0.0
151	15183	15184	SN	1	0.0	29.781	12.733	0.0	27.376	13.745	0.0	135.189	9.495	0.0	179.147	12.054	0.0	1.418	0.0	0.0	1.758	0.0	0.0	1.832	0.0	0.0	2.109	0.0
152	15183	15184	NS	1	0.0	166.694	6.402	0.0	24.68	7.56	0.0	336.33	3.12	0.0	108.055	3.738	0.0	1.426	0.0	0.0	1.8	0.0	0.0	1.869	0.0	0.0	2.158	0.0
153	15183	15184	SN	1	0.0	23.273	5.778	0.0	25.54	6.91	0.0	116.587	2.125	0.0	114.307	2.969	0.0	1.408	0.0	0.0	1.756	0.0	0.0	1.828	0.0	0.0	2.109	0.0
154	15183	15184	SN	1	0.0	23.273	5.777	0.0	25.54	6.918	0.0	116.587	2.123	0.0	114.307	3.009	0.0	1.408	0.0	0.0	1.756	0.0	0.0	1.828	0.0	0.0	2.109	0.0
155	15184	15185	NS	1	0.0	158.41	10.403	0.0	30.305	14.48	0.0	356.724	11.204	0.0	63.682	13.298	0.0	1.409	0.0	0.0	1.8	0.0	0.0	1.868	0.0	0.0	2.161	0.0
156	15184	15185	NS	1	0.0	24.602	10.412	0.0	30.31	14.531	0.0	356.708	11.218	0.0	63.555	13.305	0.0	1.407	0.0	0.0	1.799	0.0	0.0	1.867	0.0	0.0	2.16	0.0
157	15184	15185	SN	1	0.0	23.273	5.845	0.0	94.547	6.834	0.0	138.691	2.189	0.0	139.284	2.711	0.0	1.407	0.0	0.0	1.756	0.0	0.0	1.829	0.0	0.0	2.11	0.0
158	15184	15185	SN	1	0.0	23.273	5.785	0.0	94.547	6.957	0.0	138.691	2.136	0.0	139.284	3.008	0.0	1.407	0.0	0.0	1.756	0.0	0.0	1.829	0.0	0.0	2.11	0.0
159	15184	15185	SN	1	0.0	29.853	12.855	0.0	25.794	13.205	0.0	131.323	9.75	0.0	139.284	11.115	0.0	1.418	0.0	0.0	1.756	0.0	0.0	1.825	0.0	0.0	2.109	0.0
160	15184	15185	SN	1	0.0	23.273	5.785	0.0	94.547	6.957	0.0	138.691	2.136	0.0	139.284	3.008	0.0	1.407	0.0	0.0	1.756	0.0	0.0	1.829	0.0	0.0	2.11	0.0
161	15184	15185	SN	1	0.0	29.853	12.806	0.0	27.376	13.778	0.0	131.323	9.534	0.0	139.284	12.097	0.0	1.418	0.0	0.0	1.756	0.0	0.0	1.825	0.0	0.0	2.109	0.0
162	15184	15185	SN	1	0.0	29.853	12.806	0.0	27.376	13.778	0.0	131.323	9.534	0.0	139.284	12.097	0.0	1.418	0.0	0.0	1.756	0.0	0.0	1.825	0.0	0.0	2.109	0.0
163	15184	15185	NS	1	0.0	24.211	6.42	0.0	24.68	7.6	0.0	323.287	3.134	0.0	124.733	3.767	0.0	1.431	0.0	0.0	1.8	0.0	0.0	1.869	0.0	0.0	2.159	0.0
164	15184	15185	NS	1	0.0	25.763	6.413	0.0	24.68	7.589	0.0	323.458	3.125	0.0	124.92	3.772	0.0	1.427	0.0	0.0	1.8	0.0	0.0	1.87	0.0	0.0	2.159	0.0
165	15185	15186	SN	1	0.0	29.731	12.784	0.0	170.855	13.791	0.0	134.097	9.51	0.0	261.976	12.071	0.0	1.417	0.0	0.0	1.756	0.0	0.0	1.799	0.0	0.0	2.109	0.0
166	15185	15186	NS	1	0.0	142.726	6.426	0.0	24.68	7.658	0.0	141.187	3.159	0.0	129.751	3.83	0.0	1.433	0.0	0.0	1.801	0.0	0.0	1.869	0.0	0.0	2.159	0.0
167	15185	15186	NS	1	0.0	271.462	10.434	0.0	30.288	14.47	0.0	195.659	11.189	0.0	72.506	13.327	0.0	1.41	0.0	0.0	1.8	0.0	0.0	1.868	0.0	0.0	2.158	0.0
168	15185	15186	NS	1	0.0	271.462	10.434	0.0	30.288	14.47	0.0	195.659	11.189	0.0	72.506	13.327	0.0	1.41	0.0	0.0	1.8	0.0	0.0	1.868	0.0	0.0	2.158	0.0
169	15185	15186	SN	1	0.0	23.29	5.841	0.0	116.251	6.803	0.0	136.744	2.163	0.0	163.021	2.668	0.0	1.406	0.0	0.0	1.756	0.0	0.0	1.842	0.0	0.0	2.107	0.0
170	15185	15186	NS	1	0.0	142.726	6.426	0.0	24.68	7.658	0.0	141.187	3.159	0.0	129.751	3.83	0.0	1.433	0.0	0.0	1.801	0.0	0.0	1.869	0.0	0.0	2.159	0.0
171	15185	15186	SN	1	0.0	29.731	12.878	0.0	170.855	13.181	0.0	134.097	9.814	0.0	261.976	10.881	0.0	1.417	0.0	0.0	1.756	0.0	0.0	1.799	0.0	0.0	2.109	0.0
172	15185	15186	SN	1	0.0	23.29	5.749	0.0	116.251	6.932	0.0	136.744	2.082	0.0	163.021	2.953	0.0	1.406	0.0	0.0	1.756	0.0	0.0	1.842	0.0	0.0	2.107	0.0
173	15185	15186	SN	1	0.0	23.29	5.754	0.0	116.251	6.934	0.0	136.744	2.082	0.0	163.021	2.953	0.0	1.406	0.0	0.0	1.756	0.0	0.0	1.842	0.0	0.0	2.107	0.0
174	15185	15186	SN	1	0.0	29.731	12.784	0.0	170.855	13.781	0.0	134.097	9.51	0.0	261.976	12.078	0.0	1.417	0.0	0.0	1.756	0.0	0.0	1.799	0.0	0.0	2.109	0.0
175	15186	15187	NS	1	0.0	215.896	6.413	0.0	24.674	7.661	0.0	351.016	3.179	0.0	88.262	3.803	0.0	1.418	0.0	0.0	1.8	0.0	0.0	1.869	0.0	0.0	2.159	0.0
176	15186	15187	NS	1	0.0	25.231	6.413	0.0	24.674	7.658	0.0	351.027	3.172	0.0	88.284	3.803	0.0	1.409	0.0	0.0	1.8	0.0	0.0	1.869	0.0	0.0	2.159	0.0
177	15186	15187	SN	1	0.0	23.273	5.732	0.0	25.761	6.913	0.0	123.26	2.075	0.0	158.565	2.955	0.0	1.407	0.0	0.0	1.755	0.0	0.0	1.832	0.0	0.0	2.108	0.0
178	15186	15187	NS	1	0.0	271.573	10.361	0.0	30.024	14.358	0.0	233.883	11.207	0.0	69.842	13.238	0.0	1.403	0.0	0.0	1.801	0.0	0.0	1.865	0.0	0.0	2.158	0.0
179	15186	15187	NS	1	0.0	91.993	10.31	0.0	30.024	14.349	0.0	233.883	11.214	0.0	69.875	13.245	0.0	1.403	0.0	0.0	1.801	0.0	0.0	1.867	0.0	0.0	2.158	0.0

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

180	15186	15187	SN	1	0.0	29.809	12.757	0.0	130.83	13.758	0.0	139.838	9.467	0.0	121.697	12.12	0.0	1.416	0.0	0.0	1.756	0.0	0.0	1.836	0.0	0.0	2.11	0.0
181	15187	15188	NS	1	0.0	157.133	6.378	0.0	24.674	7.673	0.0	279.575	3.135	0.0	66.544	3.792	0.0	1.417	0.0	0.0	1.8	0.0	0.0	1.869	0.0	0.0	2.159	0.0
182	15187	15188	NS	1	0.0	266.107	7.682	0.0	30.31	22.466	0.0	133.438	6.247	0.0	68.138	18.64	0.0	1.336	0.0	0.0	1.694	0.0	0.0	1.838	0.0	0.0	2.025	0.0
183	15187	15188	NS	1	0.0	266.107	10.346	0.0	30.31	14.441	0.0	349.108	11.073	0.0	68.138	13.258	0.0	1.413	0.0	0.0	1.801	0.0	0.0	1.85	0.0	0.0	2.16	0.0
184	15187	15188	SN	1	0.0	29.858	12.756	0.0	27.365	13.731	0.0	132.752	9.471	0.0	249.121	12.067	0.0	1.416	0.0	0.0	1.756	0.0	0.0	1.83	0.0	0.0	2.109	0.0
185	15187	15188	NS	1	0.0	266.107	10.277	0.0	30.31	14.489	0.0	143.222	11.066	0.0	68.138	13.37	0.0	1.413	0.0	0.0	1.801	0.0	0.0	1.85	0.0	0.0	2.16	0.0
186	15187	15188	NS	1	0.0	157.133	4.167	0.0	24.674	9.743	0.0	279.575	1.585	0.0	66.544	2.064	0.0	1.345	0.0	0.0	1.694	0.0	0.0	1.839	0.0	0.0	2.027	0.0
187	15187	15188	SN	1	0.0	23.279	5.732	0.0	25.562	6.891	0.0	111.414	2.09	0.0	264.613	2.953	0.0	1.406	0.0	0.0	1.755	0.0	0.0	1.844	0.0	0.0	2.107	0.0
188	15187	15188	NS	1	0.0	157.133	6.425	0.0	24.674	7.638	0.0	279.575	3.139	0.0	66.544	3.762	0.0	1.417	0.0	0.0	1.8	0.0	0.0	1.869	0.0	0.0	2.159	0.0
189	15188	15189	SN	1	0.0	23.279	5.75	0.0	25.562	6.925	0.0	133.584	2.093	0.0	77.174	2.972	0.0	1.406	0.0	0.0	1.755	0.0	0.0	1.829	0.0	0.0	2.108	0.0
190	15188	15189	SN	1	0.0	29.748	12.72	0.0	27.371	13.781	0.0	128.974	9.467	0.0	82.598	12.045	0.0	1.416	0.0	0.0	1.757	0.0	0.0	1.832	0.0	0.0	2.109	0.0
191	15188	15189	NS	1	0.0	24.961	6.409	0.0	24.68	7.618	0.0	335.326	3.162	0.0	134.985	3.765	0.0	1.417	0.0	0.0	1.8	0.0	0.0	1.87	0.0	0.0	2.159	0.0
192	15188	15189	NS	1	0.0	25.656	10.295	0.0	30.288	14.393	0.0	354.457	11.13	0.0	77.723	13.263	0.0	1.409	0.0	0.0	1.801	0.0	0.0	1.85	0.0	0.0	2.159	0.0
193	15189	15190	SN	1	0.0	23.273	5.742	0.0	193.014	6.952	0.0	116.218	2.105	0.0	204.102	2.997	0.0	1.406	0.0	0.0	1.755	0.0	0.0	1.845	0.0	0.0	2.107	0.0
194	15189	15190	SN	1	0.0	29.798	12.71	0.0	27.371	13.769	0.0	134.533	9.452	0.0	202.916	12.102	0.0	1.416	0.0	0.0	1.757	0.0	0.0	1.831	0.0	0.0	2.109	0.0
195	15189	15190	NS	1	0.0	68.836	6.501	0.0	24.669	7.695	0.0	154.748	3.237	0.0	14.129	3.732	0.0	1.419	0.0	0.0	1.8	0.0	0.0	1.869	0.0	0.0	2.16	0.0
196	15189	15190	SN	1	0.0	23.273	5.742	0.0	193.014	6.952	0.0	116.218	2.105	0.0	204.102	2.997	0.0	1.406	0.0	0.0	1.755	0.0	0.0	1.845	0.0	0.0	2.107	0.0
197	15189	15190	SN	1	0.0	29.798	12.71	0.0	27.371	13.769	0.0	134.533	9.452	0.0	202.916	12.102	0.0	1.416	0.0	0.0	1.757	0.0	0.0	1.831	0.0	0.0	2.109	0.0
198	15189	15190	NS	1	0.0	242.404	10.46	0.0	30.327	14.458	0.0	143.15	11.243	0.0	69.45	13.305	0.0	1.408	0.0	0.0	1.801	0.0	0.0	1.867	0.0	0.0	2.161	0.0
199	15189	15190	NS	1	0.0	68.836	6.413	0.0	24.669	7.677	0.0	154.748	3.18	0.0	74.188	3.814	0.0	1.419	0.0	0.0	1.8	0.0	0.0	1.869	0.0	0.0	2.16	0.0
200	15189	15190	NS	1	0.0	242.404	10.491	0.0	30.024	14.215	0.0	143.15	11.449	0.0	17.516	13.042	0.0	1.408	0.0	0.0	1.801	0.0	0.0	1.867	0.0	0.0	2.161	0.0
201	15190	15191	SN	1	0.0	23.268	5.769	0.0	25.568	6.925	0.0	137.836	2.122	0.0	62.06	2.979	0.0	1.407	0.0	0.0	1.761	0.0	0.0	1.847	0.0	0.0	2.113	0.0
202	15190	15191	NS	1	0.0	260.995	10.497	0.0	30.024	14.082	0.0	140.07	11.573	0.0	15.095	12.96	0.0	1.412	0.0	0.0	1.801	0.0	0.0	1.869	0.0	0.0	2.162	0.0
203	15190	15191	NS	1	0.0	142.874	6.435	0.0	24.669	7.726	0.0	351.606	3.221	0.0	73.454	3.829	0.0	1.412	0.0	0.0	1.801	0.0	0.0	1.871	0.0	0.0	2.16	0.0
204	15190	15191	SN	1	0.0	29.809	12.776	0.0	27.376	13.743	0.0	131.108	9.52	0.0	73.719	12.069	0.0	1.415	0.0	0.0	1.765	0.0	0.0	1.832	0.0	0.0	2.112	0.0
205	15190	15191	NS	1	0.0	142.874	6.437	0.0	24.669	7.726	0.0	351.606	3.221	0.0	73.449	3.827	0.0	1.412	0.0	0.0	1.801	0.0	0.0	1.871	0.0	0.0	2.16	0.0
206	15190	15191	NS	1	0.0	260.995	10.443	0.0	30.321	14.406	0.0	140.07	11.26	0.0	78.738	13.312	0.0	1.412	0.0	0.0	1.801	0.0	0.0	1.869	0.0	0.0	2.162	0.0
207	15190	15191	NS	1	0.0	260.995	10.443	0.0	30.321	14.406	0.0	140.07	11.26	0.0	78.738	13.312	0.0	1.412	0.0	0.0	1.801	0.0	0.0	1.869	0.0	0.0	2.162	0.0
208	15190	15191	NS	1	0.0	142.874	6.56	0.0	24.669	7.775	0.0	351.606	3.314	0.0	14.129	3.759	0.0	1.412	0.0	0.0	1.801	0.0	0.0	1.871	0.0	0.0	2.16	0.0
209	15191	15192	NS	1	0.0	272.88	10.422	0.0	30.024	14.41	0.0	150.761	11.271	0.0	68.116	13.295	0.0	1.41	0.0	0.0	1.802	0.0	0.0	1.868	0.0	0.0	2.161	0.0
210	15191	15192	SN	1	0.0	23.257	5.783	0.0	25.557	6.93	0.0	129.299	2.111	0.0	74.226	2.951	0.0	1.406	0.0	0.0	1.756	0.0	0.0	1.827	0.0	0.0	2.108	0.0
211	15191	15192	SN	1	0.0	23.257	5.783	0.0	123.522	6.932	0.0	129.327	2.108	0.0	113.965	2.953	0.0	1.406	0.0	0.0	1.756	0.0	0.0	1.827	0.0	0.0	2.107	0.0
212	15191	15192	SN	1	0.0	29.737	12.786	0.0	183.68	13.774	0.0	142.524	9.441	0.0	150.921	12.069	0.0	1.416	0.0	0.0	1.756	0.0	0.0	1.831	0.0	0.0	2.108	0.0
213	15191	15192	SN	1	0.0	29.737	12.786	0.0	277.264	13.774	0.0	142.535	9.434	0.0	217.167	12.061	0.0	1.415	0.0	0.0	1.756	0.0	0.0	1.831	0.0	0.0	2.108	0.0
214	15191	15192	NS	1	0.0	272.88	10.422	0.0	30.024	14.41	0.0	150.761	11.271	0.0	68.116	13.295	0.0	1.41	0.0	0.0	1.802	0.0	0.0	1.868	0.0	0.0	2.161	0.0
215	15191	15192	NS	1	0.0	258.552	6.413	0.0	24.674	7.758	0.0	350.128	3.225	0.0	118.363	3.848	0.0	1.419	0.0	0.0	1.801	0.0	0.0	1.871	0.0	0.0	2.16	0.0
216	15191	15192	NS	1	0.0	272.88	10.644	0.0	30.024	13.768	0.0	150.761	12.35	0.0	14.278	12.636	0.0	1.41	0.0	0.0	1.802	0.0	0.0	1.868	0.0	0.0	2.161	0.0

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

217	15191	15192	NS	1	0.0	258.552	6.413	0.0	24.674	7.758	0.0	350.128	3.225	0.0	118.363	3.846	0.0	1.419	0.0	0.0	1.801	0.0	0.0	1.871	0.0	0.0	2.16	0.0
218	15191	15192	NS	1	0.0	258.552	6.758	0.0	24.674	7.957	0.0	350.128	3.557	0.0	14.135	4.016	0.0	1.419	0.0	0.0	1.801	0.0	0.0	1.871	0.0	0.0	2.16	0.0
219	15192	15193	NS	1	0.0	26.012	6.417	0.0	24.669	7.783	0.0	351.027	3.228	0.0	123.277	3.858	0.0	1.412	0.0	0.0	1.801	0.0	0.0	1.871	0.0	0.0	2.16	0.0
220	15192	15193	NS	1	0.0	26.012	6.417	0.0	24.669	7.783	0.0	351.027	3.227	0.0	123.277	3.858	0.0	1.412	0.0	0.0	1.801	0.0	0.0	1.871	0.0	0.0	2.16	0.0
221	15192	15193	NS	1	0.0	26.012	6.97	0.0	24.669	8.116	0.0	351.027	3.794	0.0	14.135	4.291	0.0	1.412	0.0	0.0	1.801	0.0	0.0	1.871	0.0	0.0	2.16	0.0
222	15192	15193	SN	1	0.0	29.72	12.758	0.0	27.371	13.726	0.0	138.382	9.452	0.0	275.847	12.006	0.0	1.416	0.0	0.0	1.755	0.0	0.0	1.831	0.0	0.0	2.109	0.0
223	15192	15193	SN	1	0.0	29.72	12.852	0.0	25.694	13.169	0.0	138.382	9.699	0.0	275.847	10.925	0.0	1.416	0.0	0.0	1.755	0.0	0.0	1.831	0.0	0.0	2.109	0.0
224	15192	15193	NS	1	0.0	24.591	10.4	0.0	30.084	14.4	0.0	352.671	11.234	0.0	73.228	13.359	0.0	1.407	0.0	0.0	1.802	0.0	0.0	1.868	0.0	0.0	2.158	0.0
225	15192	15193	SN	1	0.0	23.279	5.79	0.0	25.579	6.798	0.0	121.97	2.111	0.0	106.31	2.653	0.0	1.406	0.0	0.0	1.755	0.0	0.0	1.828	0.0	0.0	2.108	0.0
226	15192	15193	NS	1	0.0	24.591	10.4	0.0	30.084	14.4	0.0	352.671	11.234	0.0	73.228	13.359	0.0	1.407	0.0	0.0	1.802	0.0	0.0	1.868	0.0	0.0	2.158	0.0
227	15192	15193	NS	1	1.042	24.591	10.766	0.0	30.018	13.712	0.0	352.671	13.029	0.0	14.278	12.849	0.0	1.407	0.0	0.0	1.802	0.0	0.0	1.868	0.0	0.0	2.158	0.0
228	15192	15193	SN	1	0.0	23.279	5.716	0.0	25.579	6.922	0.0	121.97	2.05	0.0	106.31	2.941	0.0	1.406	0.0	0.0	1.755	0.0	0.0	1.828	0.0	0.0	2.108	0.0

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