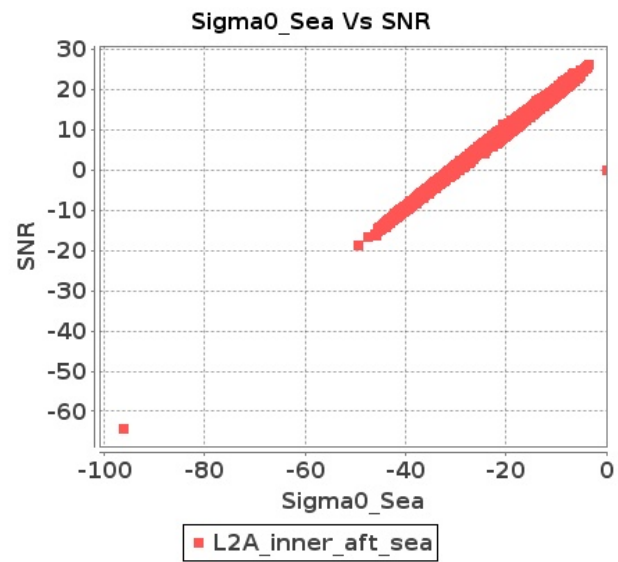


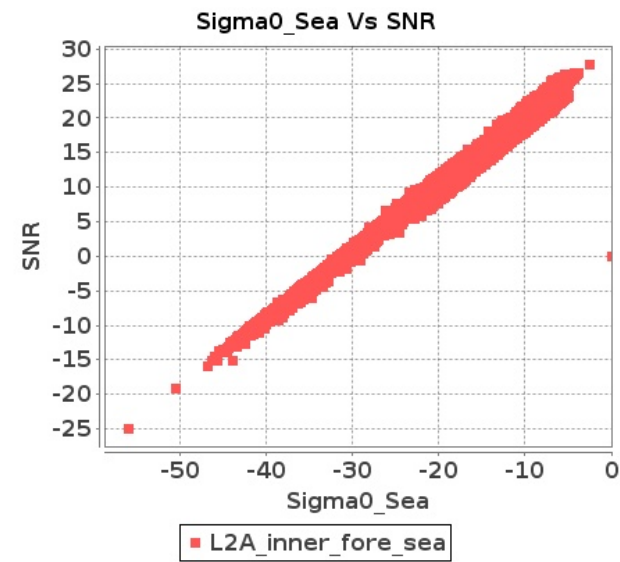
# SCATSAT-1 Scatterometer Level-2A Data Quality Cycle wise Report

Report between 01-MAR-2019 To 02-MAR-2019

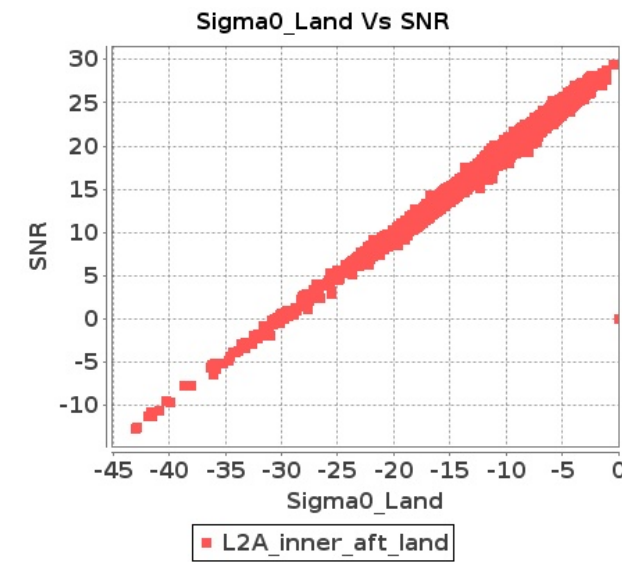
### Inner Sea Aft Sigma0VsSNR



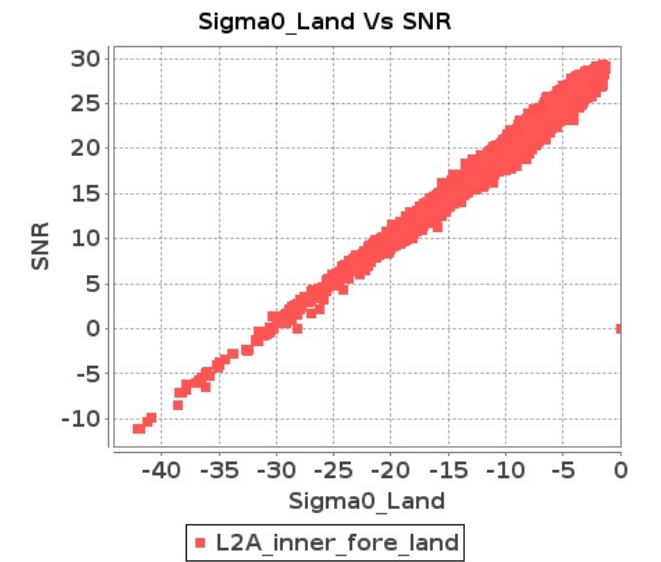
### Inner Sea Fore Sigma0VsSNR



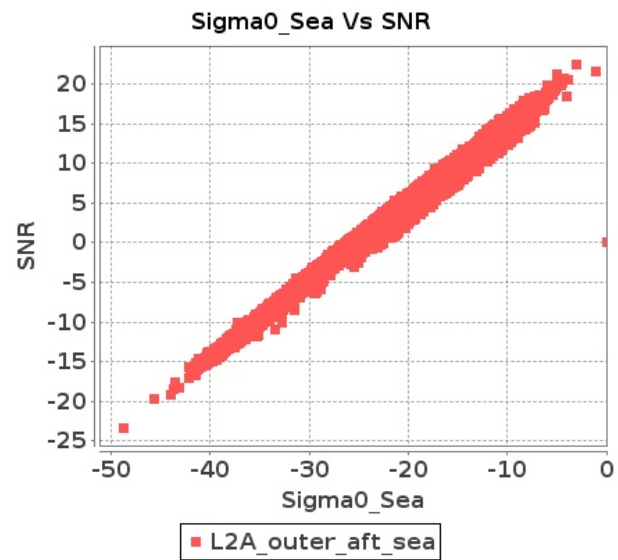
### Inner Land Aft Sigma0VsSNR



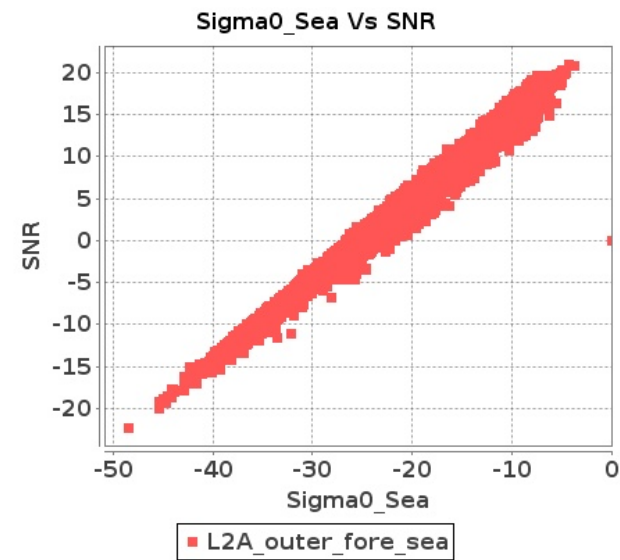
### Inner Land Fore Sigma0VsSNR



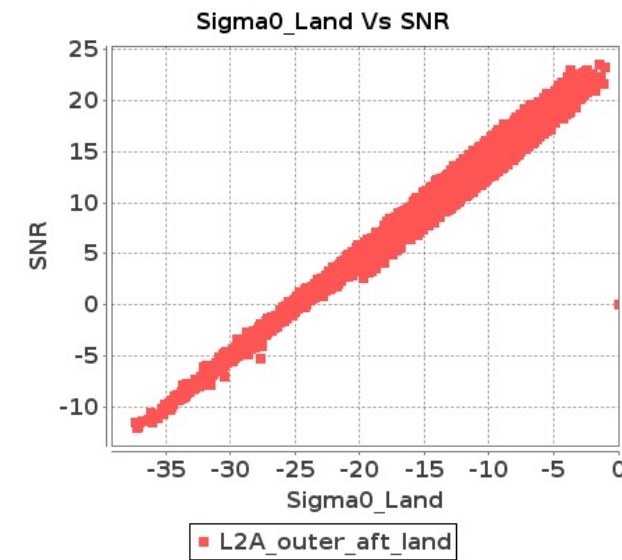
### Outer Sea Aft Sigma0VsSNR



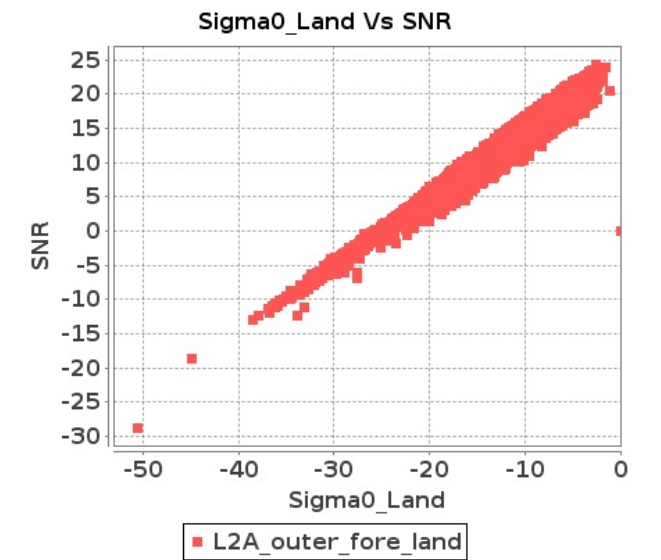
### Outer Sea Fore Sigma0VsSNR



### Outer Land Aft Sigma0VsSNR



### Outer Land Fore Sigma0VsSNR



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

Report between 01-MAR-2019 To 02-MAR-2019

Sr No	Start Orbit	End Orbit	Dir.	Ver.	SNR												Sigma0											
					Inner Aft			Inner Fore			Outer Aft			Outer Fore			Inner Aft			Inner Fore			Outer Aft			Outer Fore		
					Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)
1	12844	12845	NS	1	0.0	48.619	1.733	0.0	54.337	2.246	0.0	46.144	1.361	0.0	44.752	1.83	0.0	50.886	1.74	0.0	53.193	2.035	0.0	46.55	1.244	0.0	43.128	1.485
2	12844	12845	SN	1	0.0	48.666	6.167	0.0	48.967	6.723	0.0	49.195	4.679	0.0	48.976	5.703	0.0	49.491	6.281	0.0	49.619	6.315	0.0	47.885	4.693	0.0	48.568	5.344
3	12844	12845	SN	1	0.0	49.001	1.524	0.0	44.95	1.87	0.0	44.291	1.436	0.0	38.294	1.795	0.0	48.341	1.545	0.0	43.883	1.803	0.0	45.362	1.409	0.0	39.036	1.608
4	12844	12845	SN	1	0.0	49.001	1.492	0.0	44.95	1.834	0.0	44.291	1.405	0.0	38.294	1.758	0.0	48.341	1.512	0.0	43.883	1.768	0.0	45.362	1.381	0.0	39.036	1.573
5	12844	12845	SN	1	0.0	47.176	1.503	0.0	44.951	1.821	0.0	44.291	1.407	0.0	38.294	1.727	0.0	48.618	1.528	0.0	43.885	1.748	0.0	45.362	1.37	0.0	38.656	1.575
6	12844	12845	SN	1	0.0	48.666	6.056	0.0	48.967	6.589	0.0	49.195	4.573	0.0	48.976	5.592	0.0	49.491	6.177	0.0	49.619	6.191	0.0	47.885	4.573	0.0	48.568	5.212
7	12844	12845	SN	1	0.0	54.827	5.985	0.0	49.351	6.599	0.0	45.075	4.608	0.0	48.976	5.614	0.0	53.933	6.126	0.0	49.029	6.191	0.0	47.089	4.615	0.0	48.568	5.212
8	12844	12845	NS	1	0.0	52.156	7.086	0.0	56.459	8.925	0.0	46.882	5.215	0.0	49.249	6.278	0.0	51.949	7.218	0.0	58.094	8.481	0.0	46.836	4.915	0.0	50.145	5.544
9	12845	12846	NS	1	0.0	46.441	1.0	0.0	41.088	1.315	0.0	40.969	0.951	0.0	42.555	1.207	0.0	45.878	0.956	0.0	41.765	1.215	0.0	41.0	0.869	0.0	41.28	1.015
10	12845	12846	SN	1	0.0	40.935	1.516	0.0	54.072	2.069	0.0	40.98	1.546	0.0	39.187	2.217	0.0	43.006	1.527	0.0	53.362	2.035	0.0	40.372	1.557	0.0	38.657	2.004
11	12845	12846	SN	1	0.0	40.937	1.527	0.0	43.041	2.037	0.0	44.755	1.518	0.0	37.471	2.225	0.0	43.006	1.555	0.0	40.934	1.994	0.0	42.144	1.562	0.0	37.63	2.02
12	12845	12846	NS	1	0.0	53.72	3.192	0.0	52.087	4.109	0.0	48.639	3.201	0.0	43.242	3.779	0.0	54.868	3.132	0.0	51.137	3.888	0.0	47.352	2.93	0.0	44.171	3.323
13	12845	12846	NS	1	0.0	56.427	3.261	0.0	51.014	4.271	0.0	48.412	3.185	0.0	44.874	3.886	0.0	57.172	3.251	0.0	51.74	3.878	0.0	47.742	3.05	0.0	47.527	3.431
14	12845	12846	SN	1	0.0	40.937	1.509	0.0	43.041	2.016	0.0	44.755	1.503	0.0	37.471	2.202	0.0	43.006	1.536	0.0	40.934	1.974	0.0	42.144	1.543	0.0	37.63	2.001
15	12845	12846	SN	1	0.0	46.238	5.497	0.0	51.498	6.304	0.0	44.614	5.23	0.0	46.538	6.495	0.0	48.647	5.497	0.0	52.245	6.426	0.0	46.487	5.315	0.0	45.364	6.295
16	12845	12846	SN	1	0.0	46.238	5.564	0.0	51.498	6.369	0.0	44.614	5.295	0.0	46.538	6.569	0.0	48.647	5.564	0.0	52.245	6.492	0.0	46.487	5.381	0.0	45.364	6.361
17	12845	12846	SN	1	0.0	47.01	5.697	0.0	51.743	6.471	0.0	48.687	5.345	0.0	46.541	6.605	0.0	48.896	5.727	0.0	52.488	6.533	0.0	49.231	5.417	0.0	45.367	6.332
18	12845	12846	NS	1	0.0	45.103	1.022	0.0	45.954	1.299	0.0	41.953	1.002	0.0	41.528	1.183	0.0	45.024	1.015	0.0	48.411	1.157	0.0	42.913	0.89	0.0	41.28	1.006
19	12846	12847	SN	1	0.0	44.642	2.332	0.0	40.012	2.912	0.0	38.814	2.549	0.0	43.762	3.497	0.0	44.092	2.325	0.0	39.56	2.837	0.0	37.787	2.611	0.0	41.052	3.452
20	12846	12847	NS	1	0.0	45.502	0.891	0.0	44.713	1.369	0.0	37.553	1.164	0.0	36.16	1.527	0.0	44.851	0.895	0.0	44.173	1.217	0.0	39.9	1.132	0.0	37.068	1.392
21	12846	12847	SN	1	0.0	47.454	7.862	0.0	44.451	9.246	0.0	49.011	7.498	0.0	41.597	9.939	0.0	46.801	8.023	0.0	46.474	9.134	0.0	48.563	8.001	0.0	42.673	9.768
22	12846	12847	SN	1	0.0	44.642	2.356	0.0	40.029	3.002	0.0	38.814	2.592	0.0	43.762	3.538	0.0	44.092	2.354	0.0	42.819	2.903	0.0	37.803	2.646	0.0	41.052	3.523
23	12846	12847	NS	1	0.0	48.167	2.397	0.0	45.92	3.636	0.0	38.229	3.567	0.0	42.112	4.491	0.0	48.448	2.437	0.0	48.187	3.374	0.0	36.746	3.546	0.0	41.416	4.463
24	12846	12847	SN	1	0.0	53.622	7.973	0.0	54.541	9.338	0.0	49.028	7.651	0.0	41.719	10.145	0.0	53.155	8.198	0.0	56.848	9.203	0.0	48.58	8.176	0.0	42.673	10.0
25	12847	12848	NS	1	0.0	51.356	7.318	0.0	50.066	9.462	0.0	44.606	5.659	0.0	45.145	7.046	0.0	51.168	7.611	0.0	51.876	9.492	0.0	46.22	5.794	0.0	47.996	7.096
26	12847	12848	SN	1	0.0	48.367	1.062	0.0	47.918	1.604	0.0	39.828	1.549	0.0	41.706	2.289	0.0	46.699	1.06	0.0	49.165	1.469	0.0	40.558	1.563	0.0	37.557	2.025
27	12847	12848	SN	1	0.0	44.142	1.064	0.0	47.858	1.617	0.0	40.16	1.552	0.0	41.981	2.303	0.0	44.573	1.06	0.0	49.101	1.469	0.0	40.164	1.572	0.0	37.559	2.039
28	12847	12848	NS	1	0.0	49.571	7.336	0.0	48.986	9.405	0.0	47.157	5.392	0.0	45.321	6.794	0.0	51.359	7.437	0.0	52.179	9.415	0.0	48.666	5.648	0.0	46.972	6.83
29	12847	12848	SN	1	0.0	43.429	3.426	0.0	44.917	4.464	0.0	43.299	4.671	0.0	41.979	6.245	0.0	43.303	3.386	0.0	43.686	4.189	0.0	42.712	4.614	0.0	41.083	5.815
30	12847	12848	SN	1	0.0	43.429	3.416	0.0	45.937	4.454	0.0	48.005	4.664	0.0	41.979	6.259	0.0	43.303	3.396	0.0	46.184	4.189	0.0	44.822	4.642	0.0	41.089	5.837
31	12847	12848	NS	1	0.0	51.708	1.567	0.0	48.205	2.155	0.0	41.775	1.531	0.0	40.233	2.101	0.0	52.229	1.573	0.0	47.108	2.142	0.0	40.693	1.534	0.0	40.581	2.123

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

32	12847	12848	NS	1	0.0	48.559	1.76	0.0	48.775	2.266	0.0	44.193	1.528	0.0	42.488	2.012	0.0	48.97	1.778	0.0	51.129	2.191	0.0	45.188	1.524	0.0	43.783	2.067
33	12848	12849	SN	1	0.0	45.524	0.937	0.0	49.962	1.643	0.0	43.265	1.409	0.0	51.701	2.082	0.0	44.76	0.928	0.0	49.854	1.514	0.0	41.039	1.355	0.0	55.449	1.793
34	12848	12849	NS	1	0.0	40.681	0.905	0.0	47.357	1.105	0.0	38.595	0.994	0.0	41.692	1.357	0.0	41.452	0.935	0.0	43.969	1.099	0.0	37.853	1.01	0.0	40.178	1.205
35	12848	12849	SN	1	0.0	48.322	3.122	0.0	53.901	4.524	0.0	44.962	3.988	0.0	54.857	5.552	0.0	49.173	3.173	0.0	52.734	3.999	0.0	43.091	3.896	0.0	56.195	4.941
36	12848	12849	NS	1	0.0	39.616	0.937	0.0	43.591	1.076	0.0	38.225	0.982	0.0	43.536	1.294	0.0	40.379	0.937	0.0	42.086	1.056	0.0	36.271	0.966	0.0	44.023	1.143
37	12848	12849	SN	1	0.0	48.509	3.151	0.0	58.774	4.534	0.0	44.014	4.014	0.0	53.58	5.702	0.0	48.778	3.171	0.0	60.078	3.923	0.0	43.79	3.88	0.0	53.067	4.986
38	12848	12849	NS	1	0.0	49.283	3.441	0.0	43.52	4.329	0.0	44.096	3.417	0.0	46.382	4.188	0.0	47.932	3.421	0.0	46.416	4.046	0.0	46.928	3.289	0.0	44.958	3.917
39	12848	12849	NS	1	0.0	47.92	3.532	0.0	44.385	4.278	0.0	46.463	3.346	0.0	48.409	4.209	0.0	47.111	3.573	0.0	46.153	4.107	0.0	49.296	3.21	0.0	46.911	3.846
40	12848	12849	SN	1	0.0	53.208	0.886	0.0	51.656	1.599	0.0	44.523	1.344	0.0	49.572	2.004	0.0	54.365	0.891	0.0	52.291	1.513	0.0	42.885	1.277	0.0	49.919	1.749
41	12849	12850	NS	1	0.0	51.031	4.629	0.0	51.736	5.984	0.0	47.399	4.955	0.0	43.311	6.205	0.0	51.693	4.709	0.0	52.371	5.48	0.0	47.924	4.749	0.0	44.076	5.6
42	12849	12850	SN	1	0.0	49.719	6.254	0.0	52.748	7.551	0.0	45.49	5.254	0.0	47.643	6.515	0.0	49.435	6.201	0.0	51.082	7.22	0.0	44.59	5.186	0.0	45.454	6.282
43	12849	12850	NS	1	0.0	40.078	1.319	0.0	48.628	1.643	0.0	46.871	1.497	0.0	39.789	1.848	0.0	41.625	1.267	0.0	49.236	1.53	0.0	46.749	1.414	0.0	37.151	1.571
44	12849	12850	NS	1	0.0	40.18	1.335	0.0	48.613	1.636	0.0	46.871	1.485	0.0	39.789	1.862	0.0	41.626	1.276	0.0	49.224	1.543	0.0	46.747	1.41	0.0	37.151	1.595
45	12849	12850	SN	1	0.0	49.719	5.915	0.0	52.748	7.18	0.0	45.49	4.976	0.0	47.643	6.172	0.0	49.435	5.865	0.0	51.082	6.847	0.0	44.59	4.927	0.0	45.454	5.966
46	12849	12850	SN	1	0.0	48.296	5.865	0.0	50.627	7.14	0.0	45.278	4.969	0.0	52.948	6.194	0.0	48.237	5.885	0.0	50.598	6.826	0.0	44.375	4.948	0.0	50.571	6.016
47	12849	12850	SN	1	0.0	50.95	1.459	0.0	48.839	2.073	0.0	44.69	1.409	0.0	44.193	2.046	0.0	50.752	1.502	0.0	50.32	1.963	0.0	45.485	1.425	0.0	44.474	1.774
48	12849	12850	SN	1	0.0	50.95	1.54	0.0	48.839	2.185	0.0	44.69	1.473	0.0	44.193	2.149	0.0	50.752	1.582	0.0	50.32	2.07	0.0	45.485	1.499	0.0	44.474	1.869
49	12849	12850	SN	1	0.0	44.066	1.461	0.0	46.195	2.078	0.0	43.257	1.381	0.0	44.193	2.021	0.0	44.675	1.495	0.0	46.145	1.967	0.0	41.442	1.395	0.0	44.474	1.803
50	12849	12850	NS	1	0.0	47.722	4.639	0.0	53.019	5.873	0.0	47.399	5.005	0.0	43.42	6.234	0.0	47.496	4.72	0.0	55.444	5.399	0.0	47.924	4.806	0.0	44.09	5.572
51	12850	12851	NS	1	0.0	41.602	1.18	0.0	53.226	1.723	0.0	38.839	1.399	0.0	43.624	1.95	0.0	40.444	1.137	0.0	55.499	1.63	0.0	38.034	1.345	0.0	43.592	1.725
52	12850	12851	NS	1	0.0	46.747	4.434	0.0	53.737	5.525	0.0	48.29	4.715	0.0	48.266	5.786	0.0	46.289	4.454	0.0	51.289	5.303	0.0	46.249	4.708	0.0	49.093	5.316
53	12850	12851	NS	1	0.0	44.642	1.2	0.0	53.399	1.726	0.0	38.839	1.365	0.0	43.675	1.946	0.0	43.183	1.15	0.0	55.672	1.639	0.0	38.892	1.322	0.0	43.644	1.702
54	12850	12851	SN	1	0.0	45.463	1.645	0.0	60.16	2.22	0.0	39.323	1.4	0.0	44.335	1.98	0.0	46.029	1.634	0.0	57.428	2.043	0.0	38.636	1.244	0.0	45.922	1.719
55	12850	12851	SN	1	0.0	53.744	6.841	0.0	58.447	7.852	0.0	50.802	5.31	0.0	47.781	6.984	0.0	54.514	6.831	0.0	55.9	7.65	0.0	52.176	4.939	0.0	47.608	6.288
56	12850	12851	NS	1	0.0	46.736	4.403	0.0	53.737	5.485	0.0	48.197	4.679	0.0	48.519	5.75	0.0	46.276	4.424	0.0	51.289	5.243	0.0	46.155	4.658	0.0	49.097	5.28
57	12850	12851	SN	1	0.0	53.744	6.543	0.0	58.399	7.532	0.0	54.901	5.103	0.0	47.781	6.735	0.0	54.514	6.523	0.0	55.853	7.318	0.0	56.279	4.707	0.0	47.608	6.02
58	12850	12851	SN	1	0.0	54.1	6.553	0.0	53.017	7.583	0.0	46.82	5.025	0.0	45.783	6.685	0.0	54.868	6.502	0.0	52.214	7.339	0.0	45.977	4.636	0.0	47.608	5.962
59	12850	12851	SN	1	0.0	50.259	1.643	0.0	51.382	2.227	0.0	40.861	1.417	0.0	49.866	2.005	0.0	50.509	1.641	0.0	52.087	2.029	0.0	40.172	1.273	0.0	44.626	1.719
60	12850	12851	SN	1	0.0	45.463	1.723	0.0	60.164	2.324	0.0	41.116	1.476	0.0	44.335	2.069	0.0	46.029	1.716	0.0	57.431	2.131	0.0	42.055	1.335	0.0	45.922	1.798
61	12851	12852	SN	1	0.0	46.155	1.038	0.0	48.085	1.477	0.0	39.752	0.912	0.0	42.801	1.291	0.0	46.799	1.016	0.0	45.972	1.329	0.0	41.519	0.842	0.0	40.927	1.066
62	12851	12852	NS	1	0.0	43.5	0.592	0.0	40.488	0.899	0.0	41.26	0.652	0.0	43.367	1.002	0.0	44.006	0.58	0.0	44.165	0.84	0.0	41.565	0.6	0.0	41.72	0.841
63	12851	12852	SN	1	0.0	45.568	4.358	0.0	52.966	5.079	0.0	45.251	3.478	0.0	49.676	4.348	0.0	46.587	4.466	0.0	51.045	4.74	0.0	47.647	3.183	0.0	46.574	3.916
64	12851	12852	SN	1	0.0	46.155	0.933	0.0	48.085	1.329	0.0	39.752	0.825	0.0	42.801	1.188	0.0	46.799	0.914	0.0	45.972	1.199	0.0	41.519	0.764	0.0	40.927	0.972
65	12851	12852	NS	1	0.0	47.816	0.596	0.0	40.299	0.917	0.0	39.268	0.648	0.0	47.946	1.004	0.0	47.437	0.578	0.0	43.751	0.835	0.0	39.575	0.6	0.0	46.692	0.832
66	12851	12852	NS	1	0.0	50.151	2.234	0.0	45.76	3.234	0.0	41.115	2.431	0.0	50.539	3.332	0.0	50.49	2.315	0.0	46.958	3.043	0.0	41.633	2.282	0.0	49.909	2.769
67	12851	12852	NS	1	0.0	50.325	2.244	0.0	45.92	3.174	0.0	38.052	2.439	0.0	49.462	3.339	0.0	50.668	2.295	0.0	47.116	2.992	0.0	39.588	2.267	0.0	49.105	2.812

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

68	12851	12852	SN	1	0.0	45.568	3.944	0.0	52.966	4.595	0.0	45.251	3.156	0.0	49.676	4.004	0.0	46.587	4.03	0.0	51.045	4.25	0.0	47.647	2.877	0.0	46.574	3.565
69	12852	12853	SN	1	0.0	46.761	3.185	0.0	48.393	4.094	0.0	42.948	2.959	0.0	48.079	3.813	0.0	47.009	3.164	0.0	48.466	3.77	0.0	40.874	2.945	0.0	49.035	3.379
70	12852	12853	NS	1	0.0	48.919	5.58	0.0	54.649	7.869	0.0	49.939	5.932	0.0	43.042	7.147	0.0	50.467	5.722	0.0	53.983	7.345	0.0	48.111	5.861	0.0	42.584	6.82
71	12852	12853	NS	1	0.0	48.919	5.59	0.0	54.649	7.879	0.0	49.939	5.932	0.0	43.042	7.14	0.0	50.467	5.742	0.0	53.983	7.355	0.0	48.111	5.847	0.0	42.584	6.82
72	12852	12853	SN	1	0.0	46.761	3.185	0.0	48.393	4.094	0.0	42.948	2.959	0.0	48.079	3.813	0.0	47.009	3.164	0.0	48.466	3.77	0.0	40.874	2.945	0.0	49.035	3.379
73	12852	12853	NS	1	0.0	50.178	1.671	0.0	46.028	2.445	0.0	45.714	1.711	0.0	46.124	2.289	0.0	49.643	1.653	0.0	45.097	2.286	0.0	45.254	1.612	0.0	43.095	2.085
74	12852	12853	NS	1	0.0	50.178	1.651	0.0	46.028	2.456	0.0	45.714	1.702	0.0	46.124	2.266	0.0	49.643	1.648	0.0	45.097	2.293	0.0	45.254	1.59	0.0	43.095	2.081
75	12852	12853	SN	1	0.0	41.839	0.761	0.0	51.806	1.059	0.0	41.282	0.969	0.0	38.517	1.315	0.0	41.866	0.723	0.0	50.698	0.957	0.0	40.67	0.927	0.0	39.178	1.086
76	12852	12853	SN	1	0.0	41.839	0.761	0.0	51.806	1.059	0.0	41.282	0.969	0.0	38.517	1.315	0.0	41.866	0.723	0.0	50.698	0.957	0.0	40.67	0.927	0.0	39.178	1.086
77	12853	12854	NS	1	0.0	42.317	1.357	0.0	50.7	2.06	0.0	44.769	1.647	0.0	43.582	2.302	0.0	43.037	1.37	0.0	49.087	2.031	0.0	42.723	1.579	0.0	42.644	2.147
78	12853	12854	SN	1	0.0	39.657	1.293	0.0	40.828	1.754	0.0	39.263	1.532	0.0	41.497	1.952	0.0	39.094	1.345	0.0	38.633	1.733	0.0	36.8	1.541	0.0	42.985	2.029
79	12853	12854	NS	1	0.0	46.883	4.538	0.0	54.683	6.355	0.0	44.012	4.747	0.0	46.116	6.66	0.0	47.479	4.649	0.0	56.447	6.486	0.0	44.955	4.926	0.0	48.511	6.588
80	12853	12854	NS	1	0.0	46.883	4.568	0.0	54.683	6.284	0.0	44.012	4.74	0.0	46.116	6.652	0.0	47.479	4.639	0.0	56.447	6.436	0.0	44.955	4.854	0.0	48.511	6.588
81	12853	12854	SN	1	0.0	49.53	4.745	0.0	44.623	5.737	0.0	53.958	4.755	0.02	42.399	5.683	0.0	49.765	4.806	0.0	44.51	5.757	0.0	50.001	4.996	0.021	43.681	5.957
82	12853	12854	NS	1	0.0	42.317	1.386	0.0	50.7	2.051	0.0	44.769	1.629	0.0	42.792	2.308	0.0	43.037	1.391	0.0	49.087	2.015	0.0	42.723	1.584	0.0	42.644	2.152
83	12854	12855	NS	1	0.0	49.954	4.778	0.0	50.175	6.356	0.0	44.588	4.967	0.0	43.638	5.786	0.0	49.656	4.899	0.0	50.376	6.276	0.0	47.168	5.11	0.0	45.276	5.928
84	12854	12855	NS	1	0.0	49.954	4.792	0.0	50.175	6.458	0.0	44.588	5.009	0.0	43.638	5.876	0.0	49.656	4.895	0.0	50.376	6.376	0.0	47.168	5.168	0.0	45.276	6.021
85	12854	12855	NS	1	0.0	42.199	1.373	0.0	42.801	1.862	0.0	41.351	1.611	0.0	38.608	2.075	0.0	42.396	1.371	0.0	40.987	1.765	0.0	40.869	1.607	0.0	37.784	1.953
86	12854	12855	NS	1	0.0	42.199	1.39	0.0	42.801	1.889	0.0	41.351	1.623	0.0	38.608	2.105	0.0	42.396	1.385	0.0	40.987	1.79	0.0	40.869	1.627	0.0	37.784	1.981
87	12854	12855	SN	1	0.0	49.69	4.781	0.0	51.09	6.25	0.0	44.996	4.981	0.0	47.187	5.858	0.0	49.195	4.912	0.0	51.048	5.845	0.0	46.81	4.918	0.0	43.79	5.531
88	12854	12855	SN	1	0.0	47.072	1.455	0.0	49.253	1.842	0.0	39.944	1.47	0.0	45.217	1.881	0.0	46.75	1.435	0.0	48.559	1.727	0.0	40.4	1.424	0.0	47.176	1.792
89	12855	12856	NS	1	0.0	48.967	5.848	0.0	48.966	6.803	0.0	44.758	4.971	0.0	51.613	6.592	0.0	49.024	5.838	0.0	49.885	7.005	0.0	44.836	4.971	0.0	51.071	6.564
90	12855	12856	SN	1	0.0	46.583	1.502	0.0	59.853	2.091	0.0	42.343	1.464	0.0	42.843	1.994	0.0	47.823	1.594	0.0	58.309	2.079	0.0	42.526	1.512	0.0	45.44	1.897
91	12855	12856	NS	1	0.0	42.866	1.535	0.0	46.972	2.216	0.0	43.285	1.618	0.0	41.788	2.193	0.0	42.393	1.599	0.0	46.598	2.163	0.0	41.185	1.586	0.0	40.612	2.095
92	12855	12856	SN	1	0.0	52.367	5.533	0.0	53.449	7.158	0.0	42.932	5.018	0.0	45.234	6.364	0.0	53.807	5.674	0.0	57.905	7.006	0.0	44.537	5.202	0.0	43.828	6.194
93	12855	12856	SN	1	0.0	49.507	5.543	0.0	54.366	7.158	0.0	42.3	5.004	0.0	44.905	6.35	0.0	50.902	5.674	0.0	58.824	6.976	0.0	44.777	5.145	0.0	44.312	6.236
94	12855	12856	NS	1	0.0	42.866	1.535	0.0	46.972	2.216	0.0	43.285	1.618	0.0	41.788	2.193	0.0	42.393	1.599	0.0	46.598	2.163	0.0	41.185	1.586	0.0	40.612	2.095
95	12855	12856	NS	1	0.0	42.866	1.539	0.0	46.972	2.221	0.0	43.285	1.621	0.0	41.788	2.2	0.0	42.393	1.603	0.0	46.598	2.169	0.0	41.185	1.588	0.0	40.612	2.1
96	12855	12856	SN	1	0.0	43.055	1.508	0.0	60.983	2.073	0.0	41.186	1.461	0.0	42.87	1.985	0.0	43.163	1.587	0.0	59.439	2.077	0.0	42.288	1.518	0.0	46.268	1.889
97	12855	12856	NS	1	0.0	48.967	5.832	0.0	48.966	6.785	0.0	44.758	4.959	0.0	51.613	6.576	0.0	49.024	5.822	0.0	49.885	6.987	0.0	44.836	4.959	0.0	51.071	6.547
98	12855	12856	NS	1	0.0	48.967	5.832	0.0	48.966	6.785	0.0	44.758	4.959	0.0	51.613	6.576	0.0	49.024	5.822	0.0	49.885	6.987	0.0	44.836	4.959	0.0	51.071	6.547
99	12856	12857	NS	1	0.0	42.945	1.126	0.0	45.615	1.699	0.0	40.522	1.106	0.0	39.772	1.768	0.0	42.955	1.101	0.0	44.958	1.551	0.0	39.681	1.039	0.0	36.918	1.498
100	12856	12857	SN	1	0.0	45.188	1.658	0.0	47.935	2.211	0.0	41.214	1.818	0.0	39.337	2.247	0.0	43.701	1.664	0.0	43.422	2.173	0.0	39.788	1.818	0.0	37.288	2.241
101	12856	12857	NS	1	0.0	40.584	1.209	0.0	44.15	1.844	0.0	42.657	1.145	0.0	39.772	1.857	0.0	40.422	1.207	0.0	44.709	1.673	0.0	41.573	1.074	0.0	40.759	1.534
102	12856	12857	SN	1	0.0	45.188	1.694	0.0	44.021	2.198	0.0	41.192	1.827	0.0	41.351	2.277	0.0	43.701	1.692	0.0	41.324	2.157	0.0	38.24	1.825	0.0	38.881	2.261
103	12856	12857	NS	1	0.0	40.584	1.142	0.0	44.15	1.724	0.0	42.657	1.083	0.0	39.772	1.732	0.0	40.422	1.128	0.0	44.709	1.558	0.0	41.573	1.019	0.0	40.759	1.437

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

104	12856	12857	SN	1	0.0	45.084	5.622	0.0	50.995	6.878	0.0	41.919	5.716	0.0	41.156	6.5	0.0	44.534	5.825	0.0	52.236	6.675	0.0	39.855	5.794	0.0	43.128	6.613
105	12856	12857	SN	1	0.0	45.118	5.562	0.0	50.909	6.847	0.0	41.919	5.737	0.0	45.137	6.535	0.0	44.566	5.693	0.0	48.558	6.675	0.0	39.855	5.723	0.0	46.416	6.663
106	12856	12857	NS	1	0.0	45.811	4.831	0.0	53.5	6.074	0.0	41.387	3.97	0.0	43.98	5.115	0.0	45.807	4.831	0.0	54.386	5.74	0.0	39.295	3.692	0.0	40.38	4.578
107	12856	12857	NS	1	0.0	45.811	5.153	0.0	53.5	6.551	0.0	41.387	4.263	0.0	43.98	5.506	0.0	45.807	5.131	0.0	54.386	6.18	0.0	39.295	3.957	0.0	40.38	4.89
108	12856	12857	NS	1	0.0	45.57	4.84	0.0	53.5	5.973	0.0	41.345	3.906	0.0	43.99	5.123	0.0	45.564	4.84	0.0	54.386	5.649	0.0	39.254	3.656	0.0	40.38	4.585
109	12857	12858	NS	1	0.0	53.884	4.654	0.0	51.032	5.131	0.0	46.13	4.244	0.0	40.907	4.995	0.0	55.959	4.634	0.0	49.435	4.815	0.0	47.817	4.073	0.0	43.349	4.571
110	12857	12858	SN	1	0.0	39.543	2.724	0.0	44.331	4.038	0.0	45.169	2.701	0.0	43.381	4.571	0.0	39.494	2.691	0.0	41.484	3.628	0.0	41.918	2.686	0.0	41.644	3.949
111	12857	12858	NS	1	0.0	40.493	1.311	0.0	45.626	1.555	0.0	49.167	1.24	0.0	43.533	1.53	0.0	42.178	1.29	0.0	45.794	1.468	0.0	47.603	1.186	0.0	39.581	1.282
112	12857	12858	NS	1	0.0	53.884	4.716	0.0	51.032	5.216	0.0	46.13	4.275	0.0	40.907	5.063	0.0	55.959	4.695	0.0	49.435	4.885	0.0	47.817	4.094	0.0	43.349	4.64
113	12857	12858	NS	1	0.0	40.493	1.324	0.0	45.626	1.587	0.0	49.167	1.249	0.0	43.533	1.559	0.0	42.178	1.303	0.0	45.794	1.495	0.0	47.603	1.192	0.0	39.581	1.307
114	12857	12858	SN	1	0.0	38.721	0.757	0.0	38.859	1.302	0.0	35.566	0.825	0.0	36.109	1.56	0.0	39.348	0.725	0.0	38.044	1.156	0.0	33.883	0.803	0.0	35.808	1.293
115	12857	12858	NS	1	0.0	40.493	1.469	0.0	45.626	1.756	0.0	49.167	1.378	0.0	43.533	1.732	0.0	42.178	1.451	0.0	45.794	1.662	0.0	47.603	1.319	0.0	39.581	1.45
116	12857	12858	SN	1	0.0	39.543	2.511	0.0	46.679	3.701	0.0	45.169	2.426	0.0	44.348	4.252	0.0	39.494	2.491	0.0	45.527	3.316	0.0	41.918	2.391	0.0	41.644	3.648
117	12857	12858	SN	1	0.0	39.543	2.511	0.0	46.679	3.701	0.0	45.169	2.426	0.0	44.348	4.252	0.0	39.494	2.491	0.0	45.527	3.316	0.0	41.918	2.391	0.0	41.644	3.648
118	12857	12858	SN	1	0.0	38.721	0.695	0.0	44.516	1.2	0.0	35.566	0.754	0.0	36.146	1.45	0.0	39.348	0.665	0.0	41.841	1.063	0.0	33.883	0.739	0.0	35.808	1.203
119	12857	12858	SN	1	0.0	38.721	0.695	0.0	44.516	1.2	0.0	35.566	0.754	0.0	36.146	1.45	0.0	39.348	0.665	0.0	41.841	1.063	0.0	33.883	0.739	0.0	35.808	1.203
120	12857	12858	NS	1	0.0	53.884	5.25	0.0	51.032	5.79	0.0	46.13	4.734	0.0	40.907	5.621	0.0	55.959	5.227	0.0	49.435	5.453	0.0	47.817	4.548	0.0	43.349	5.162
121	12858	12859	NS	1	0.0	43.884	2.014	0.0	53.413	2.556	0.0	44.832	1.853	0.0	43.503	2.348	0.0	43.149	1.999	0.0	54.282	2.488	0.0	41.945	1.801	0.0	40.79	2.173
122	12858	12859	SN	1	0.0	40.502	0.834	0.0	46.917	1.309	0.0	44.724	0.951	0.0	43.234	1.548	0.0	40.518	0.839	0.0	48.669	1.249	0.0	43.73	0.914	0.0	42.71	1.353
123	12858	12859	SN	1	0.0	50.437	3.31	0.0	44.759	4.837	0.0	39.905	2.919	0.0	45.768	4.811	0.0	50.231	3.263	0.0	46.018	4.483	0.0	38.665	2.902	0.0	47.424	4.438
124	12858	12859	SN	1	0.0	45.974	2.857	0.0	45.57	4.606	0.0	46.186	2.913	0.0	42.863	5.119	0.0	46.039	2.807	0.0	43.809	4.362	0.0	43.984	2.856	0.0	43.299	4.756
125	12858	12859	NS	1	0.0	53.313	6.011	0.442	52.951	7.821	0.0	50.542	6.785	0.0	51.331	7.824	0.0	53.598	6.052	0.489	52.426	7.357	0.0	49.7	6.707	0.0	53.227	7.305
126	12858	12859	SN	1	0.0	47.801	0.859	0.0	43.568	1.284	0.0	49.108	0.869	0.0	44.684	1.657	0.0	48.291	0.853	0.0	43.351	1.265	0.0	45.244	0.889	0.0	43.681	1.494
127	12859	12860	NS	1	0.0	53.156	4.229	0.0	54.948	5.221	0.0	45.782	3.8	0.0	48.393	4.927	0.0	53.258	4.249	0.0	56.547	4.927	0.0	44.66	3.615	0.0	46.757	4.282
128	12859	12860	SN	1	0.0	43.571	6.516	0.0	55.523	7.223	0.0	47.046	6.104	0.0	44.693	7.286	0.0	45.668	6.475	0.0	55.805	7.152	0.0	47.257	6.224	0.0	48.013	7.25
129	12859	12860	SN	1	0.0	43.571	6.516	0.0	55.523	7.223	0.0	47.046	6.104	0.0	44.693	7.286	0.0	45.668	6.475	0.0	55.805	7.152	0.0	47.257	6.224	0.0	48.013	7.25
130	12859	12860	SN	1	0.0	43.571	6.611	0.0	55.523	7.317	0.0	47.046	6.184	0.0	44.693	7.367	0.0	45.668	6.57	0.0	55.805	7.244	0.0	47.257	6.299	0.0	48.013	7.345
131	12859	12860	SN	1	0.0	47.696	1.79	0.0	47.38	2.516	0.0	41.593	1.798	0.0	47.001	2.369	0.0	48.512	1.884	0.0	46.498	2.438	0.0	42.307	1.793	0.0	46.081	2.346
132	12859	12860	SN	1	0.0	47.696	1.79	0.0	47.38	2.516	0.0	41.593	1.798	0.0	47.001	2.369	0.0	48.512	1.884	0.0	46.498	2.438	0.0	42.307	1.793	0.0	46.081	2.346
133	12859	12860	SN	1	0.0	47.696	1.815	0.0	47.38	2.546	0.0	41.593	1.815	0.0	47.001	2.393	0.0	48.512	1.911	0.0	46.498	2.467	0.0	42.307	1.818	0.0	46.081	2.373
134	12859	12860	NS	1	0.0	46.257	1.036	0.0	46.033	1.383	0.0	44.73	1.013	0.0	40.47	1.525	0.0	46.818	1.018	0.0	43.429	1.271	0.0	42.495	0.943	0.0	38.783	1.292
135	12859	12860	NS	1	0.0	47.765	1.032	0.0	45.796	1.362	0.0	44.574	1.02	0.0	42.768	1.528	0.0	46.967	1.02	0.0	43.612	1.268	0.0	45.163	0.94	0.0	41.557	1.285
136	12859	12860	NS	1	0.0	52.482	4.189	0.0	54.719	5.231	0.0	48.922	3.879	0.0	47.084	4.826	0.0	52.567	4.32	0.0	55.819	4.927	0.0	47.616	3.701	0.0	46.252	4.253
137	12860	12861	SN	1	0.0	57.285	4.724	0.0	53.8	6.207	0.0	48.678	4.714	0.0	51.339	6.691	0.0	58.326	4.744	0.0	55.988	5.825	0.0	50.37	4.679	0.0	53.567	6.062
138	12860	12861	SN	1	0.0	47.276	1.452	0.0	55.268	2.176	0.0	41.226	1.616	0.0	45.469	2.451	0.0	46.28	1.448	0.0	55.671	2.063	0.0	40.052	1.485	0.0	45.513	2.202
139	12860	12861	SN	1	0.0	48.755	1.441	0.0	58.484	2.204	0.0	47.337	1.605	0.0	43.517	2.465	0.0	48.98	1.418	0.0	58.905	2.07	0.0	47.763	1.485	0.0	43.849	2.203

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

140	12860	12861	SN	1	0.0	56.045	4.646	0.0	54.097	6.138	0.0	48.158	4.67	0.0	47.852	6.684	0.0	57.117	4.716	0.0	56.282	5.761	0.0	50.37	4.599	0.0	47.005	6.041		
141	12860	12861	SN	1	0.0	47.276	1.426	0.0	55.694	2.151	0.0	44.916	1.606	0.0	44.442	2.41	0.0	46.022	1.426	0.0	56.096	2.037	0.0	43.379	1.48	0.0	42.875	2.14		
142	12860	12861	SN	1	0.0	55.373	4.703	0.0	53.672	6.207	0.0	48.158	4.772	0.0	50.876	6.749	0.0	56.447	4.755	0.0	55.857	5.825	0.0	50.37	4.693	0.0	51.268	6.113		
143	12860	12861	NS	1	0.0	44.922	0.541	0.0	38.785	0.798	0.0	38.957	0.792	0.0	38.067	1.176	0.0	43.801	0.518	0.0	36.682	0.683	0.0	35.768	0.717	0.0	35.446	1.023		
144	12860	12861	NS	1	0.0	37.733	1.548	0.0	42.642	2.53	0.0	42.283	2.603	0.0	44.02	3.373	0.0	37.855	1.467	0.0	41.707	2.147	0.0	44.425	2.517	0.0	45.755	3.067		
145	12860	12861	NS	1	0.0	37.815	1.609	0.0	42.459	2.55	0.0	42.495	2.517	0.0	45.253	3.53	0.0	37.936	1.518	0.0	41.526	2.167	0.0	44.637	2.532	0.0	43.649	3.117		
146	12860	12861	NS	1	0.0	39.662	0.555	0.0	43.389	0.787	0.0	39.11	0.778	0.0	38.779	1.186	0.0	39.094	0.545	0.0	41.003	0.68	0.0	35.457	0.715	0.0	34.704	1.014		
147	12861	12862	NS	1	0.0	42.827	5.116	0.0	49.567	6.185	0.0	46.334	5.825	0.0	44.365	6.825	0.0	43.351	5.106	0.0	48.394	6.255	0.0	45.2	6.103	0.0	44.544	7.01		
148	12861	12862	SN	1	0.0	45.79	6.538	0.0	51.234	8.395	0.0	47.813	6.707	0.0	45.338	8.594	0.0	45.607	6.649	0.0	53.185	8.273	0.0	45.217	6.806	0.0	44.798	8.488		
149	12861	12862	SN	1	0.0	46.808	6.548	0.0	51.701	8.182	0.0	47.813	6.601	0.0	45.338	8.779	0.0	46.623	6.729	0.0	53.722	8.223	0.0	45.217	6.778	0.0	44.798	8.545		
150	12861	12862	SN	1	0.0	45.79	6.666	0.0	46.651	8.599	0.0	47.813	6.747	0.0	45.338	8.846	0.0	45.607	6.759	0.0	49.783	8.413	0.0	45.217	6.906	0.0	44.798	8.709		
151	12861	12862	SN	1	0.0	40.315	1.868	0.0	46.316	2.653	0.0	39.86	2.086	0.0	42.818	3.101	0.0	40.727	1.859	0.0	46.854	2.614	0.0	37.885	2.083	0.0	40.783	2.88		
152	12861	12862	SN	1	0.0	43.582	1.839	0.0	45.056	2.556	0.0	38.347	2.016	0.0	42.973	3.01	0.0	42.966	1.862	0.0	43.591	2.513	0.0	36.667	2.044	0.0	44.15	2.811		
153	12861	12862	NS	1	0.0	46.345	1.519	0.0	49.541	2.109	0.0	42.932	1.747	0.0	37.945	2.408	0.0	44.972	1.492	0.0	48.534	2.01	0.0	45.328	1.686	0.0	36.423	2.338		
154	12861	12862	SN	1	0.0	40.748	1.848	0.0	53.039	2.574	0.0	39.86	2.025	0.0	42.818	3.036	0.0	40.806	1.86	0.0	51.574	2.547	0.0	37.885	2.043	0.0	38.546	2.813		
155	12862	12863	SN	1	0.0	15.847	0.0	0.0	45.502	1.413	0.0	19.672	0.0	0.0	46.99	1.64	0.0	15.101	0.0	0.0	43.335	1.215	0.0	18.919	0.0	0.0	45.225	1.4		
156	12862	12863	SN	1	0.0	36.05	1.278	0.0	38.294	3.672	0.0	46.755	4.344	0.0	43.771	7.566	0.0	35.535	1.219	0.0	39.494	3.307	0.0	45.383	3.624	0.0	43.587	6.24		
157	12862	12863	SN	1	0.0	36.05	1.278	0.0	38.294	3.672	0.0	46.755	4.344	0.0	43.771	7.566	0.0	35.535	1.219	0.0	39.494	3.307	0.0	45.383	3.624	0.0	43.587	6.24		
158	12862	12863	SN	1	0.0	40.582	0.307	0.0	38.294	1.063	0.0	44.263	1.331	0.0	44.113	2.73	0.0	39.138	0.301	0.0	39.494	0.987	0.0	43.989	1.075	0.0	40.827	1.843		
159	12862	12863	SN	1	0.0	40.582	0.307	0.0	38.294	1.063	0.0	44.263	1.331	0.0	44.113	2.73	0.0	39.138	0.301	0.0	39.494	0.987	0.0	43.989	1.075	0.0	40.827	1.843		
160	12862	12863	NS	1	0.0	44.891	1.023	0.0	46.113	1.1	0.0	39.441	0.927	0.0	40.417	1.242	0.0	45.45	1.025	0.0	42.549	1.01	0.0	39.858	0.911	0.0	38.921	1.108		
161	12862	12863	NS	1	0.0	44.891	1.025	0.0	46.113	1.094	0.0	39.441	0.909	0.0	41.939	1.228	0.0	45.45	1.037	0.0	42.549	1.014	0.0	39.858	0.895	0.0	41.303	1.094		
162	12862	12863	NS	1	0.0	50.664	3.464	0.0	53.488	4.025	0.0	42.473	3.268	0.0	44.64	3.888	0.0	51.498	3.515	0.0	52.915	3.854	0.0	42.985	3.247	0.0	43.539	3.71		
163	12862	12863	NS	1	0.0	50.599	3.474	0.0	51.996	3.975	0.0	42.886	3.225	0.0	44.651	3.93	0.0	51.433	3.575	0.0	51.423	3.813	0.0	43.398	3.225	0.0	43.57	3.731		
164	12862	12863	SN	1	0.0	16.796	0.0	0.0	44.442	5.718	0.517	20.761	1.01	0.0	35.405	5.66	0.0	17.703	0.0	0.0	41.905	5.474	0.016	21.379	1.01	0.0	36.701	5.582		
165	12863	12864	SN	1	100000.0	-100000.0	0.0	100000.0	-100000.0	0.0	100000.0	-100000.0	0.0	100000.0	-100000.0	0.0	100000.0	-100000.0	0.0	100000.0	-100000.0	0.0	100000.0	-100000.0	0.0	100000.0	-100000.0	0.0	100000.0	-100000.0
166	12863	12864	NS	1	100000.0	-100000.0	0.0	100000.0	-100000.0	0.0	100000.0	-100000.0	0.0	100000.0	-100000.0	0.0	100000.0	-100000.0	0.0	100000.0	-100000.0	0.0	100000.0	-100000.0	0.0	100000.0	-100000.0	0.0	100000.0	-100000.0
167	12863	12864	NS	1	100000.0	-100000.0	0.0	100000.0	-100000.0	0.0	100000.0	-100000.0	0.0	100000.0	-100000.0	0.0	100000.0	-100000.0	0.0	100000.0	-100000.0	0.0	100000.0	-100000.0	0.0	100000.0	-100000.0	0.0	100000.0	-100000.0
168	12863	12864	SN	1	100000.0	-100000.0	0.0	100000.0	-100000.0	0.0	100000.0	-100000.0	0.0	100000.0	-100000.0	0.0	100000.0	-100000.0	0.0	100000.0	-100000.0	0.0	100000.0	-100000.0	0.0	100000.0	-100000.0	0.0	100000.0	-100000.0
169	12863	12864	NS	1	100000.0	-100000.0	0.0	100000.0	-100000.0	0.0	100000.0	-100000.0	0.0	100000.0	-100000.0	0.0	100000.0	-100000.0	0.0	100000.0	-100000.0	0.0	100000.0	-100000.0	0.0	100000.0	-100000.0	0.0	100000.0	-100000.0
170	12863	12864	NS	1	100000.0	-100000.0	0.0	100000.0	-100000.0	0.0	100000.0	-100000.0	0.0	100000.0	-100000.0	0.0	100000.0	-100000.0	0.0	100000.0	-100000.0	0.0	100000.0	-100000.0	0.0	100000.0	-100000.0	0.0	100000.0	-100000.0
171	12863	12864	SN	1	0.0	16.152	0.0	0.0	12.749	0.0	0.0	18.714	0.0	0.0	17.545	0.0	0.0	14.7	0.0	0.0	11.732	0.0	0.0	17.178	0.0	0.0	13.695	0.0		
172	12863	12864	SN	1	0.0	16.584	0.0	0.0	17.345	0.0	0.0	22.939	0.221	0.0	12.098	0.0	0.0	16.57	0.0	0.0	15.598	0.0	0.0	19.864	0.0	0.0	10.007	0.0		
173	12863	12864	SN	1	0.0	19.155	0.0	0.0	12.354	0.0	0.0	17.246	0.0	0.0	14.622	0.0	0.0	17.305	0.0	0.0	11.439	0.0	0.0	14.501	0.0	0.0	11.784	0.0		
174	12863	12864	SN	1	0.0	15.977	0.0	0.0	15.657	0.0	0.0	23.285	0.057	0.0	10.877	0.0	0.0	16.405	0.0	0.0	13.829	0.0	0.0	20.718	0.028	0.0	9.062	0.0		
175	12864	12865	NS	1	0.0	49.482	4.771	0.0	53.684	5.989	0.0	47.511	5.075	0.0	45.658	5.875	0.0	48.64	4.821	0.0	52.729	5.575	0.0	46.846	4.818	0.0	46.272	5.604		

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

176	12864	12865	NS	1	0.0	53.078	4.709	0.0	53.788	5.938	0.0	47.511	5.068	0.0	50.104	5.889	0.0	53.02	4.75	0.0	52.833	5.545	0.0	46.88	4.861	0.0	49.226	5.54
177	12864	12865	SN	1	0.0	50.223	1.827	0.0	43.287	2.439	0.0	43.324	1.614	0.0	38.944	2.21	0.0	51.283	1.872	0.0	45.065	2.348	0.0	45.432	1.577	0.0	39.337	2.05
178	12864	12865	SN	1	0.0	46.477	6.215	0.0	57.72	7.257	0.0	47.179	5.225	0.0	46.545	6.76	0.0	46.029	6.417	0.0	55.735	7.024	0.0	47.962	5.253	0.0	46.629	6.498
179	12864	12865	SN	1	0.0	50.223	1.718	0.0	43.287	2.302	0.0	43.324	1.508	0.0	38.944	2.093	0.0	51.283	1.759	0.0	45.065	2.21	0.0	45.432	1.464	0.0	39.337	1.94
180	12864	12865	SN	1	0.0	50.223	1.718	0.0	43.287	2.302	0.0	43.324	1.508	0.0	38.944	2.093	0.0	51.283	1.759	0.0	45.065	2.21	0.0	45.432	1.464	0.0	39.337	1.94
181	12864	12865	SN	1	0.0	46.477	6.215	0.0	57.72	7.257	0.0	47.179	5.225	0.0	46.545	6.76	0.0	46.029	6.417	0.0	55.735	7.024	0.0	47.962	5.253	0.0	46.629	6.498
182	12864	12865	SN	1	0.0	46.477	6.626	0.0	57.72	7.628	0.0	47.179	5.57	0.0	46.545	7.176	0.0	46.029	6.841	0.0	55.735	7.391	0.0	47.962	5.592	0.0	46.629	6.873
183	12864	12865	NS	1	0.0	46.413	1.339	0.0	46.014	1.746	0.0	41.761	1.46	0.0	42.762	1.803	0.0	46.904	1.319	0.0	44.874	1.671	0.0	40.432	1.413	0.0	41.12	1.644
184	12864	12865	NS	1	0.0	46.415	1.337	0.0	46.458	1.737	0.0	41.274	1.453	0.0	43.531	1.804	0.0	46.906	1.31	0.0	45.319	1.671	0.0	40.432	1.415	0.0	41.12	1.648
185	12865	12866	NS	1	0.0	47.477	3.275	0.0	60.092	4.557	0.0	41.557	3.193	0.0	42.099	4.315	0.0	46.886	3.386	0.0	59.13	4.245	0.0	44.357	3.001	0.0	44.477	3.86
186	12865	12866	NS	1	0.0	38.576	0.793	0.0	57.757	1.164	0.0	36.794	0.913	0.0	39.65	1.39	0.0	37.889	0.771	0.0	58.14	1.096	0.0	34.858	0.869	0.0	39.976	1.139
187	12865	12866	SN	1	0.0	45.881	2.527	0.0	45.901	2.937	0.0	43.492	1.829	0.0	43.412	2.33	0.0	46.987	2.54	0.0	46.001	2.823	0.0	44.372	1.699	0.0	45.683	2.088
188	12865	12866	NS	1	0.0	46.692	3.295	0.0	43.78	4.517	0.0	44.671	3.108	0.0	40.466	4.337	0.0	46.098	3.295	0.0	47.116	4.285	0.0	45.042	2.951	0.0	42.217	3.959
189	12865	12866	SN	1	0.0	54.499	9.481	0.0	57.367	10.559	0.0	53.197	6.827	0.0	49.244	8.418	0.0	54.496	9.548	0.0	54.174	10.279	0.0	51.441	6.694	0.0	50.922	7.79
190	12865	12866	SN	1	0.0	54.499	8.805	0.0	57.367	9.845	0.0	53.197	6.33	0.0	49.244	7.844	0.0	54.496	8.866	0.0	54.174	9.559	0.0	51.441	6.209	0.0	50.922	7.221
191	12865	12866	SN	1	0.0	54.499	8.805	0.0	57.367	9.845	0.0	53.197	6.323	0.0	49.244	7.852	0.0	54.496	8.866	0.0	54.174	9.559	0.0	51.441	6.209	0.0	50.922	7.221
192	12865	12866	SN	1	0.0	45.881	2.744	0.0	45.901	3.175	0.0	43.492	1.984	0.0	43.412	2.52	0.0	46.987	2.759	0.0	46.001	3.044	0.0	44.372	1.847	0.0	45.683	2.253
193	12865	12866	NS	1	0.0	39.529	0.793	0.0	44.057	1.157	0.0	40.644	0.935	0.0	38.339	1.41	0.0	38.728	0.771	0.0	42.105	1.08	0.0	37.769	0.894	0.0	35.502	1.161
194	12865	12866	SN	1	0.0	45.881	2.524	0.0	45.901	2.935	0.0	43.492	1.829	0.0	43.412	2.331	0.0	46.987	2.538	0.0	46.001	2.821	0.0	44.372	1.699	0.0	45.683	2.088
195	12866	12867	NS	1	0.0	50.773	3.838	0.0	47.293	4.803	0.0	54.382	3.895	0.0	49.798	5.338	0.0	50.101	3.909	0.0	48.335	4.531	0.0	53.944	3.817	0.0	46.401	4.755
196	12866	12867	SN	1	0.0	54.598	3.94	0.0	55.338	4.592	0.0	45.859	3.431	0.0	48.101	4.322	0.0	55.496	3.887	0.0	57.348	4.236	0.0	48.163	3.306	0.0	47.763	3.675
197	12866	12867	SN	1	0.0	50.72	3.808	0.0	53.384	4.515	0.0	46.404	3.407	0.0	47.674	4.243	0.0	51.617	3.756	0.0	53.326	4.196	0.0	47.561	3.122	0.0	46.823	3.597
198	12866	12867	NS	1	0.0	50.773	3.898	0.0	47.293	4.834	0.0	54.505	3.924	0.0	49.793	5.36	0.0	50.101	3.98	0.0	48.335	4.561	0.0	54.067	3.852	0.0	45.356	4.826
199	12866	12867	SN	1	0.0	42.956	1.0	0.0	42.267	1.361	0.0	39.254	0.941	0.0	41.441	1.406	0.0	44.107	0.977	0.0	45.744	1.223	0.0	36.814	0.798	0.0	40.392	1.154
200	12866	12867	NS	1	0.0	43.888	1.042	0.0	46.8	1.414	0.0	44.529	1.12	0.0	49.997	1.9	0.0	42.812	1.033	0.0	48.71	1.337	0.0	43.481	1.056	0.0	51.127	1.667
201	12866	12867	SN	1	0.0	45.295	1.021	0.0	53.638	1.351	0.0	39.012	0.965	0.0	41.441	1.377	0.0	46.896	0.986	0.0	53.111	1.189	0.0	39.138	0.798	0.0	40.392	1.123
202	12866	12867	NS	1	0.0	43.887	1.047	0.0	46.896	1.409	0.0	44.529	1.117	0.0	49.283	1.897	0.0	42.812	1.042	0.0	48.804	1.337	0.0	43.481	1.058	0.0	51.007	1.662
203	12867	12868	SN	1	0.0	33.915	1.721	0.0	32.897	1.906	0.0	47.892	1.81	0.0	33.288	2.646	0.0	34.967	1.664	0.0	31.253	1.823	0.0	49.187	1.664	0.0	32.475	2.293
204	12867	12868	NS	1	0.0	55.492	5.374	0.0	52.25	7.096	0.0	44.399	5.26	0.039	45.872	6.874	0.0	57.924	5.495	0.0	53.899	6.837	0.0	45.154	5.274	0.037	47.265	6.378
205	12867	12868	SN	1	0.0	50.432	1.402	0.0	56.031	1.587	0.0	38.513	1.292	0.0	42.413	1.853	0.0	52.059	1.45	0.0	57.133	1.574	0.0	38.513	1.338	0.0	43.204	1.78
206	12867	12868	SN	1	0.0	52.864	4.427	0.0	59.779	4.652	0.0	42.654	4.006	0.0	44.36	5.172	0.0	53.349	4.589	0.0	61.787	4.53	0.0	41.641	4.233	0.0	40.83	5.272
207	12867	12868	NS	1	0.0	55.268	5.398	0.0	51.51	7.252	0.0	44.996	5.259	0.0	48.823	7.078	0.0	57.699	5.58	0.0	53.536	6.999	0.0	45.751	5.231	0.0	49.119	6.598
208	12867	12868	NS	1	0.0	51.575	1.382	0.008	49.062	1.919	0.0	39.588	1.517	0.002	41.299	2.117	0.0	51.629	1.33	0.01	47.066	1.873	0.0	39.495	1.451	0.002	40.461	1.97
209	12867	12868	SN	1	0.0	49.595	0.262	0.0	30.284	0.297	0.0	36.842	0.532	0.0	34.022	0.801	0.0	48.396	0.262	0.0	27.33	0.204	0.0	35.407	0.467	0.0	32.86	0.709
210	12867	12868	NS	1	0.0	43.437	1.419	0.0	47.795	1.975	0.0	37.003	1.447	0.0	42.779	2.211	0.0	44.019	1.357	0.0	45.801	1.909	0.0	40.573	1.383	0.0	40.471	2.028
211	12868	12869	NS	1	0.0	51.322	3.46	0.0	51.158	5.138	0.0	41.927	4.227	0.0	46.159	5.662	0.0	52.082	3.511	0.0	53.09	4.904	0.0	44.034	4.206	0.0	45.776	5.18

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

212	12868	12869	SN	1	0.0	56.029	5.623	0.0	53.571	6.814	0.0	46.142	6.001	0.0	47.491	7.497	0.0	57.39	5.896	0.0	51.478	6.652	0.0	47.383	5.98	0.0	46.315	7.227
213	12868	12869	NS	1	0.0	46.169	1.088	0.0	46.866	1.642	0.0	41.938	1.324	0.0	47.815	1.887	0.0	46.255	1.088	0.0	46.283	1.585	0.0	41.026	1.289	0.0	50.65	1.734
214	12868	12869	NS	1	0.0	46.169	1.088	0.0	46.866	1.642	0.0	41.938	1.323	0.0	47.815	1.887	0.0	46.255	1.088	0.0	46.283	1.585	0.0	41.026	1.289	0.0	50.65	1.734
215	12868	12869	NS	1	0.0	51.322	3.46	0.0	51.158	5.138	0.0	41.927	4.227	0.0	46.159	5.669	0.0	52.082	3.511	0.0	53.09	4.904	0.0	44.034	4.206	0.0	45.776	5.18
216	12868	12869	SN	1	0.0	49.465	1.717	0.0	42.914	2.329	0.0	38.923	1.935	0.0	46.0	2.489	0.0	49.122	1.726	0.0	45.574	2.263	0.0	41.558	1.928	0.0	41.947	2.34
217	12869	12870	SN	1	0.0	44.465	0.696	0.0	45.08	0.879	0.0	44.072	0.965	0.0	41.709	1.249	0.0	43.89	0.685	0.0	44.108	0.748	0.0	44.141	0.891	0.0	40.976	1.048
218	12869	12870	SN	1	0.0	44.465	0.7	0.0	45.08	0.868	0.0	44.487	0.961	0.0	41.709	1.234	0.0	43.888	0.689	0.0	43.623	0.732	0.0	44.555	0.883	0.0	40.974	1.032
219	12869	12870	NS	1	0.0	41.689	4.45	0.0	45.705	6.141	0.0	44.868	5.71	0.0	38.16	6.873	0.0	41.971	4.46	0.0	45.6	6.141	0.0	43.888	6.066	0.0	40.204	7.239
220	12869	12870	SN	1	0.0	48.174	3.298	0.0	50.647	3.971	0.0	45.37	3.206	0.0	45.395	4.237	0.0	48.944	3.349	0.0	48.017	3.566	0.0	45.309	3.072	0.0	42.634	3.478
221	12869	12870	SN	1	0.0	48.174	3.257	0.0	50.647	3.981	0.0	45.415	3.157	0.0	45.335	4.252	0.0	48.944	3.288	0.0	48.016	3.576	0.0	45.822	3.008	0.0	42.634	3.464
222	12869	12870	NS	1	0.0	39.489	1.527	0.0	47.153	2.276	0.0	45.039	1.81	0.0	36.208	2.393	0.0	38.995	1.577	0.0	47.475	2.26	0.0	43.723	1.803	0.0	36.392	2.376
223	12869	12870	NS	1	0.0	38.873	1.55	0.0	47.002	2.274	0.0	42.162	1.794	0.0	36.208	2.416	0.0	38.881	1.609	0.0	47.323	2.267	0.0	40.871	1.778	0.0	36.392	2.398
224	12869	12870	NS	1	0.0	40.422	4.569	0.0	45.705	6.209	0.0	43.185	5.696	0.0	37.436	7.032	0.0	41.647	4.631	0.0	45.6	6.158	0.0	42.206	6.072	0.0	39.481	7.405
225	12869	12870	NS	1	0.0	34.78	1.557	0.0	47.597	2.31	0.0	45.039	1.829	0.0	36.208	2.432	0.0	33.891	1.594	0.0	47.917	2.299	0.0	43.723	1.807	0.0	36.392	2.423
226	12869	12870	NS	1	0.0	40.422	4.501	0.0	45.705	6.111	0.0	44.359	5.639	0.0	37.436	6.923	0.0	41.647	4.551	0.0	45.6	6.06	0.0	43.382	5.988	0.0	39.481	7.275
227	12870	12871	NS	1	0.0	42.631	0.981	0.0	42.433	1.578	0.0	38.423	1.282	0.0	39.312	1.763	0.0	41.955	0.968	0.0	43.445	1.585	0.0	38.424	1.28	0.0	40.628	1.734
228	12870	12871	SN	1	0.0	49.414	4.697	0.0	45.561	5.804	0.0	48.455	5.032	0.0	44.107	6.163	0.0	51.671	4.708	0.0	49.199	5.713	0.0	50.795	5.237	0.0	46.132	6.156
229	12870	12871	NS	1	0.0	40.258	0.972	0.0	42.433	1.565	0.0	38.338	1.266	0.0	39.312	1.777	0.0	40.481	0.972	0.0	43.445	1.565	0.0	39.652	1.285	0.0	40.628	1.761
230	12870	12871	NS	1	0.0	42.977	2.812	0.0	51.463	4.004	0.0	42.334	4.128	0.0	45.799	5.432	0.0	42.312	2.842	0.0	50.119	4.096	0.0	43.445	4.334	0.0	41.026	5.289
231	12870	12871	NS	1	0.0	42.977	2.936	0.0	50.39	4.227	0.0	42.334	4.297	0.0	48.092	5.615	0.0	42.312	2.947	0.0	49.045	4.292	0.0	43.445	4.492	0.0	43.328	5.487
232	12870	12871	SN	1	0.0	46.665	1.369	0.0	49.683	1.986	0.0	39.826	1.569	0.0	39.951	2.059	0.0	47.943	1.403	0.0	53.282	1.977	0.0	40.194	1.56	0.0	41.144	2.072
233	12870	12871	SN	1	0.0	49.414	4.697	0.0	45.561	5.804	0.0	48.455	5.032	0.0	44.107	6.163	0.0	51.671	4.708	0.0	49.199	5.713	0.0	50.795	5.237	0.0	46.132	6.156
234	12870	12871	NS	1	0.0	42.977	2.802	0.0	50.39	4.045	0.0	42.334	4.099	0.0	48.092	5.325	0.0	42.312	2.812	0.0	49.045	4.117	0.0	43.445	4.306	0.0	43.328	5.209
235	12870	12871	NS	1	0.0	42.631	1.037	0.0	42.433	1.662	0.0	38.423	1.337	0.0	39.312	1.851	0.0	41.955	1.021	0.0	43.445	1.657	0.0	38.424	1.348	0.0	40.628	1.821
236	12870	12871	SN	1	0.0	46.665	1.369	0.0	49.683	1.986	0.0	39.826	1.569	0.0	39.951	2.059	0.0	47.943	1.403	0.0	53.282	1.977	0.0	40.194	1.56	0.0	41.144	2.072
237	12871	12872	NS	1	0.0	46.025	3.312	0.0	48.184	4.177	0.0	42.388	3.483	0.0	47.437	4.937	0.0	45.56	3.345	0.0	47.278	3.774	0.0	43.328	3.632	0.0	43.367	4.314
238	12871	12872	NS	1	0.0	49.314	0.872	0.0	49.974	1.128	0.0	40.907	1.089	0.0	39.65	1.452	0.0	48.275	0.9	0.0	46.684	1.017	0.0	40.377	1.028	0.0	39.801	1.177
239	12871	12872	NS	1	0.0	49.314	0.872	0.0	49.974	1.128	0.0	40.907	1.089	0.0	39.65	1.452	0.0	48.275	0.9	0.0	46.684	1.017	0.0	40.377	1.028	0.0	39.801	1.177
240	12871	12872	NS	1	0.0	49.314	0.964	0.0	49.974	1.244	0.0	40.907	1.176	0.0	39.65	1.613	0.0	48.275	0.974	0.0	46.684	1.113	0.0	40.377	1.105	0.0	39.801	1.307
241	12871	12872	SN	1	0.0	47.187	5.23	0.0	45.59	6.076	0.0	39.71	4.575	0.0	36.916	5.602	0.0	47.461	5.26	0.0	44.542	5.853	0.0	40.206	4.427	0.0	35.568	5.304
242	12871	12872	SN	1	0.0	43.676	1.271	0.0	43.243	1.751	0.0	42.833	1.501	0.0	38.711	2.036	0.0	42.466	1.271	0.0	43.159	1.663	0.0	42.862	1.434	0.0	39.672	1.785
243	12871	12872	SN	1	0.0	43.676	1.262	0.0	43.243	1.742	0.0	43.943	1.505	0.0	38.711	2.043	0.0	42.565	1.26	0.0	43.159	1.651	0.0	42.549	1.428	0.0	39.672	1.789
244	12871	12872	SN	1	0.0	53.324	5.22	0.0	45.59	6.086	0.0	40.053	4.554	0.0	36.916	5.602	0.0	53.354	5.27	0.0	44.542	5.873	0.0	39.11	4.391	0.0	35.59	5.318
245	12871	12872	NS	1	0.0	46.025	3.064	0.0	48.184	3.791	0.0	42.388	3.286	0.0	47.437	4.472	0.0	45.56	3.084	0.0	47.278	3.416	0.0	43.328	3.414	0.0	43.367	3.885
246	12871	12872	NS	1	0.0	46.025	3.064	0.0	48.184	3.791	0.0	42.388	3.286	0.0	47.437	4.472	0.0	45.56	3.084	0.0	47.278	3.416	0.0	43.328	3.414	0.0	43.367	3.885
247	12872	12873	NS	1	0.0	47.057	1.173	0.0	44.306	1.609	0.0	45.445	1.423	0.0	43.636	1.792	0.0	46.801	1.191	0.0	44.495	1.513	0.0	46.645	1.382	0.0	40.272	1.558

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		



248	12872	12873	SN	1	0.0	42.881	2.089	0.0	40.428	3.147	0.0	38.878	2.328	0.0	45.097	3.36	0.0	43.642	2.049	0.0	39.693	2.884	0.0	40.555	2.172	0.0	43.673	2.997
249	12872	12873	NS	1	0.0	45.219	3.94	0.0	46.034	5.013	0.0	49.403	4.499	0.0	46.087	5.764	0.0	47.563	3.881	0.0	46.891	4.652	0.0	47.472	4.49	0.0	48.058	5.502
250	12872	12873	SN	1	0.0	35.474	0.578	0.0	47.281	0.956	0.0	42.318	0.884	0.0	35.604	1.167	0.0	34.143	0.566	0.0	46.509	0.825	0.0	41.487	0.789	0.0	36.441	1.0
251	12872	12873	SN	1	0.0	42.819	2.099	0.0	40.176	3.177	0.0	40.788	2.356	0.0	45.097	3.338	0.0	43.571	2.069	0.0	39.693	2.975	0.0	42.468	2.179	0.0	43.673	2.983
252	12872	12873	NS	1	0.0	47.057	1.27	0.0	44.306	1.694	0.0	45.445	1.482	0.0	43.636	1.952	0.0	46.801	1.267	0.0	44.503	1.584	0.0	46.645	1.436	0.0	40.272	1.692
253	12872	12873	SN	1	0.0	35.474	0.544	0.0	47.281	0.89	0.0	42.318	0.83	0.0	38.372	1.091	0.0	34.143	0.533	0.0	46.509	0.77	0.0	41.487	0.735	0.0	36.441	0.935
254	12872	12873	NS	1	0.0	45.219	3.624	0.0	46.034	4.681	0.0	49.403	4.364	0.0	46.087	5.388	0.0	47.563	3.563	0.0	46.891	4.324	0.0	47.472	4.364	0.0	48.058	5.223
255	12872	12873	NS	1	0.0	45.219	3.634	0.0	46.034	4.681	0.0	49.403	4.364	0.0	46.087	5.409	0.0	47.563	3.574	0.0	46.891	4.325	0.0	47.472	4.364	0.0	48.058	5.23
256	12872	12873	SN	1	0.0	42.881	2.247	0.0	40.428	3.365	0.0	38.878	2.445	0.0	45.097	3.58	0.0	43.642	2.204	0.0	39.693	3.082	0.0	40.555	2.3	0.0	43.673	3.236
257	12872	12873	SN	1	0.0	34.589	0.558	0.0	41.534	0.878	0.0	43.373	0.825	0.0	35.631	1.109	0.0	33.68	0.533	0.0	40.787	0.75	0.0	42.552	0.766	0.0	37.172	0.942
258	12872	12873	NS	1	0.0	47.057	1.17	0.0	44.306	1.609	0.0	45.445	1.427	0.0	43.636	1.788	0.0	46.801	1.186	0.0	44.49	1.517	0.0	46.645	1.384	0.0	40.272	1.553

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	12844	12845	NS	1	0.0	80.511	4.997	0.0	25.683	5.947	0.0	114.048	1.623	0.0	22.788	1.917	0.0	1.425	0.0	1.767	0.0	0.0	1.837	0.0	0.0	2.124	0.0	
2	12844	12845	SN	1	0.0	30.233	12.521	0.0	25.987	12.61	0.0	153.46	12.329	0.0	151.605	13.66	0.0	1.428	0.0	1.812	0.0	0.0	1.871	0.0	0.0	2.171	0.0	
3	12844	12845	SN	1	0.0	24.36	7.178	0.0	24.161	8.758	0.0	173.678	4.185	0.0	150.355	5.195	0.0	1.42	0.0	1.81	0.0	0.0	1.872	0.0	0.0	2.168	0.0	
4	12844	12845	SN	1	0.0	24.36	7.143	0.0	25.609	8.784	0.0	173.678	4.126	0.0	150.355	5.328	0.0	1.42	0.0	1.81	0.0	0.0	1.872	0.0	0.0	2.168	0.0	
5	12844	12845	SN	1	0.0	24.36	7.143	0.0	25.609	8.784	0.0	173.678	4.126	0.0	150.355	5.328	0.0	1.42	0.0	1.81	0.0	0.0	1.872	0.0	0.0	2.168	0.0	
6	12844	12845	SN	1	0.0	30.233	12.505	0.0	25.987	12.892	0.0	153.46	12.232	0.0	151.605	14.102	0.0	1.428	0.0	1.812	0.0	0.0	1.871	0.0	0.0	2.171	0.0	
7	12844	12845	SN	1	0.0	30.233	12.505	0.0	25.987	12.892	0.0	153.46	12.232	0.0	151.605	14.11	0.0	1.428	0.0	1.812	0.0	0.0	1.871	0.0	0.0	2.171	0.0	
8	12844	12845	NS	1	0.0	159.932	11.045	0.0	31.529	13.453	0.0	358.594	8.197	0.0	38.473	9.879	0.0	1.405	0.0	1.774	0.0	0.0	1.826	0.0	0.0	2.123	0.0	
9	12845	12846	NS	1	0.0	155.548	4.943	0.0	25.683	5.998	0.0	127.614	1.586	0.0	41.241	1.905	0.0	1.425	0.0	1.767	0.0	0.0	1.837	0.0	0.0	2.123	0.0	
10	12845	12846	SN	1	0.0	24.338	7.314	0.0	266.758	8.785	0.0	171.748	4.131	0.0	206.269	5.001	0.0	1.42	0.0	1.812	0.0	0.0	1.872	0.0	0.0	2.168	0.0	
11	12845	12846	SN	1	0.0	24.338	7.318	0.0	24.305	8.778	0.0	171.776	4.127	0.0	206.275	4.998	0.0	1.419	0.0	1.812	0.0	0.0	1.872	0.0	0.0	2.168	0.0	
12	12845	12846	NS	1	0.0	103.359	11.062	0.0	31.557	13.556	0.0	209.909	8.114	0.0	54.604	10.027	0.0	1.408	0.0	1.771	0.0	0.0	1.835	0.0	0.0	2.122	0.0	
13	12845	12846	NS	1	0.0	91.988	11.066	0.0	31.463	13.598	0.0	114.014	8.138	0.0	33.426	9.993	0.0	1.409	0.0	1.769	0.0	0.0	1.833	0.0	0.0	2.124	0.0	
14	12845	12846	SN	1	0.0	24.338	7.298	0.0	25.581	8.8	0.0	171.776	4.097	0.0	206.275	5.078	0.0	1.419	0.0	1.812	0.0	0.0	1.872	0.0	0.0	2.168	0.0	
15	12845	12846	SN	1	0.0	30.553	12.567	0.0	25.987	12.842	0.0	151.216	12.116	0.0	267.886	13.695	0.0	1.428	0.0	1.813	0.0	0.0	1.871	0.0	0.0	2.172	0.0	
16	12845	12846	SN	1	0.0	30.553	12.578	0.0	25.987	12.728	0.0	151.216	12.174	0.0	267.886	13.513	0.0	1.428	0.0	1.813	0.0	0.0	1.871	0.0	0.0	2.172	0.0	
17	12845	12846	SN	1	0.0	30.553	12.578	0.0	25.987	12.728	0.0	151.183	12.16	0.0	267.897	13.506	0.0	1.428	0.0	1.813	0.0	0.0	1.871	0.0	0.0	2.172	0.0	
18	12845	12846	NS	1	0.0	102.146	4.948	0.0	25.678	5.996	0.0	116.993	1.594	0.0	39.14	1.903	0.0	1.424	0.0	1.767	0.0	0.0	1.837	0.0	0.0	2.123	0.0	
19	12846	12847	SN	1	0.0	24.349	7.305	0.0	190.626	8.795	0.0	159.863	4.37	0.0	114.114	5.389	0.0	1.42	0.0	1.812	0.0	0.0	1.873	0.0	0.0	2.17	0.0	
20	12846	12847	NS	1	0.0	122.524	4.907	0.0	25.667	5.935	0.0	351.827	1.56	0.0	46.287	1.852	0.0	1.424	0.0	1.766	0.0	0.0	1.837	0.0	0.0	2.123	0.0	
21	12846	12847	SN	1	0.0	30.906	12.54	0.0	78.779	12.873	0.0	155.231	12.129	0.0	228.114	13.96	0.0	1.428	0.0	1.816	0.0	0.0	1.874	0.0	0.0	2.173	0.0	
22	12846	12847	SN	1	0.0	24.349	7.331	0.0	190.626	8.78	0.0	159.863	4.434	0.0	114.114	5.312	0.0	1.42	0.0	1.812	0.0	0.0	1.873	0.0	0.0	2.17	0.0	
23	12846	12847	NS	1	0.0	199.569	11.113	0.0	31.48	13.576	0.0	352.279	8.012	0.0	56.545	9.872	0.0	1.408	0.0	1.769	0.0	0.0	1.833	0.0	0.0	2.126	0.0	
24	12846	12847	SN	1	0.0	30.906	12.549	0.0	78.779	12.681	0.0	155.231	12.188	0.0	228.114	13.7	0.0	1.428	0.0	1.816	0.0	0.0	1.874	0.0	0.0	2.173	0.0	
25	12847	12848	NS	1	0.0	269.019	11.154	0.0	31.48	13.583	0.0	354.849	7.971	0.0	51.576	9.808	0.0	1.41	0.0	1.769	0.0	0.0	1.832	0.0	0.0	2.133	0.0	
26	12847	12848	SN	1	0.0	24.36	7.303	0.0	25.43	8.823	0.0	145.905	4.147	0.0	150.289	5.292	0.0	1.422	0.0	1.813	0.0	0.0	1.87	0.0	0.0	2.17	0.0	
27	12847	12848	SN	1	0.0	24.36	7.294	0.0	25.43	8.812	0.0	145.949	4.144	0.0	150.289	5.292	0.0	1.422	0.0	1.813	0.0	0.0	1.87	0.0	0.0	2.17	0.0	
28	12847	12848	NS	1	0.0	269.019	11.13	0.0	31.48	13.609	0.0	356.024	7.959	0.0	34.915	9.906	0.0	1.411	0.0	1.772	0.0	0.0	1.824	0.0	0.0	2.125	0.0	
29	12847	12848	SN	1	0.0	30.785	12.553	0.0	25.987	12.821	0.0	151.729	12.313	0.0	151.525	13.934	0.0	1.434	0.0	1.816	0.0	0.0	1.866	0.0	0.0	2.174	0.0	
30	12847	12848	SN	1	0.0	30.785	12.563	0.0	25.987	12.821	0.0	151.762	12.32	0.0	151.525	13.941	0.0	1.434	0.0	1.816	0.0	0.0	1.866	0.0	0.0	2.174	0.0	
31	12847	12848	NS	1	0.0	218.273	4.909	0.0	25.661	5.941	0.0	354.138	1.561	0.0	36.493	1.845	0.0	1.423	0.0	1.766	0.0	0.0	1.836	0.0	0.0	2.132	0.0	

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

32	12847	12848	NS	1	0.0	218.353	4.912	0.0	25.667	5.947	0.0	130.675	1.556	0.0	41.462	1.85	0.0	1.424	0.0	0.0	1.771	0.0	0.0	1.836	0.0	0.0	2.124	0.0
33	12848	12849	SN	1	0.0	23.102	7.257	0.0	25.606	9.016	0.0	15.508	4.199	0.0	64.492	5.482	0.0	1.422	0.0	0.0	1.813	0.0	0.0	1.87	0.0	0.0	2.171	0.0
34	12848	12849	NS	1	0.0	100.425	4.874	0.0	25.656	5.908	0.0	354.551	1.558	0.0	37.662	1.839	0.0	1.431	0.0	0.0	1.77	0.0	0.0	1.836	0.0	0.0	2.127	0.0
35	12848	12849	SN	1	0.0	27.498	12.267	0.0	25.987	12.963	0.0	24.746	12.178	0.0	221.673	14.337	0.0	1.433	0.0	0.0	1.816	0.0	0.0	1.861	0.0	0.0	2.169	0.0
36	12848	12849	NS	1	0.0	234.834	4.867	0.0	25.656	5.92	0.0	354.557	1.549	0.0	37.678	1.839	0.0	1.425	0.0	0.0	1.769	0.0	0.0	1.836	0.0	0.0	2.123	0.0
37	12848	12849	SN	1	0.0	30.173	12.524	0.0	25.987	12.859	0.0	144.725	12.22	0.0	221.673	13.986	0.0	1.433	0.0	0.0	1.816	0.0	0.0	1.861	0.0	0.0	2.169	0.0
38	12848	12849	NS	1	0.0	100.828	11.134	0.0	31.48	13.621	0.0	356.195	8.005	0.0	35.847	9.793	0.0	1.412	0.0	0.0	1.771	0.0	0.0	1.826	0.0	0.0	2.124	0.0
39	12848	12849	NS	1	0.0	236.067	11.154	0.0	31.48	13.611	0.0	356.195	7.99	0.0	35.919	9.765	0.0	1.412	0.0	0.0	1.772	0.0	0.0	1.826	0.0	0.0	2.125	0.0
40	12848	12849	SN	1	0.0	23.102	7.33	0.0	25.606	8.846	0.0	161.97	4.254	0.0	64.525	5.332	0.0	1.422	0.0	0.0	1.813	0.0	0.0	1.87	0.0	0.0	2.171	0.0
41	12849	12850	NS	1	0.0	41.911	11.187	0.0	31.469	13.579	0.0	358.483	8.107	0.0	37.53	9.884	0.0	1.412	0.0	0.0	1.771	0.0	0.0	1.834	0.0	0.0	2.123	0.0
42	12849	12850	SN	1	0.0	30.173	12.636	0.0	27.771	12.282	0.0	160.619	12.585	0.0	16.881	13.165	0.0	1.431	0.0	0.0	1.813	0.0	0.0	1.861	0.0	0.0	2.17	0.0
43	12849	12850	NS	1	0.0	263.485	4.919	0.0	25.667	5.988	0.0	116.237	1.587	0.0	22.987	1.874	0.0	1.423	0.0	0.0	1.766	0.0	0.0	1.835	0.0	0.0	2.122	0.0
44	12849	12850	NS	1	0.0	263.485	4.917	0.0	25.667	5.984	0.0	116.265	1.583	0.0	22.981	1.882	0.0	1.423	0.0	0.0	1.766	0.0	0.0	1.835	0.0	0.0	2.123	0.0
45	12849	12850	SN	1	0.0	30.173	12.597	0.0	27.771	12.864	0.0	160.619	12.324	0.0	120.837	13.971	0.0	1.431	0.0	0.0	1.813	0.0	0.0	1.861	0.0	0.0	2.17	0.0
46	12849	12850	SN	1	0.0	30.173	12.597	0.0	27.771	12.864	0.0	160.619	12.317	0.0	120.837	13.978	0.0	1.431	0.0	0.0	1.813	0.0	0.0	1.861	0.0	0.0	2.17	0.0
47	12849	12850	SN	1	0.0	23.102	7.308	0.0	125.692	8.845	0.0	173.11	4.186	0.0	69.643	5.2	0.0	1.421	0.0	0.0	1.812	0.0	0.0	1.872	0.0	0.0	2.169	0.0
48	12849	12850	SN	1	0.0	23.102	7.384	0.0	125.692	8.812	0.0	173.11	4.28	0.0	16.777	5.051	0.0	1.421	0.0	0.0	1.812	0.0	0.0	1.872	0.0	0.0	2.169	0.0
49	12849	12850	SN	1	0.0	23.102	7.308	0.0	125.692	8.845	0.0	173.11	4.188	0.0	69.643	5.202	0.0	1.421	0.0	0.0	1.812	0.0	0.0	1.872	0.0	0.0	2.169	0.0
50	12849	12850	NS	1	0.0	41.911	11.198	0.0	31.474	13.579	0.0	358.489	8.114	0.0	37.541	9.87	0.0	1.412	0.0	0.0	1.771	0.0	0.0	1.835	0.0	0.0	2.123	0.0
51	12850	12851	NS	1	0.0	96.595	4.92	0.0	25.667	5.963	0.0	212.548	1.576	0.0	34.783	1.864	0.0	1.427	0.0	0.0	1.766	0.0	0.0	1.836	0.0	0.0	2.123	0.0
52	12850	12851	NS	1	0.0	159.927	11.084	0.0	32.031	13.501	0.0	358.588	8.024	0.0	46.083	9.863	0.0	1.412	0.0	0.0	1.771	0.0	0.0	1.834	0.0	0.0	2.124	0.0
53	12850	12851	NS	1	0.0	96.601	4.915	0.0	25.667	5.959	0.0	185.55	1.572	0.0	34.811	1.866	0.0	1.427	0.0	0.0	1.766	0.0	0.0	1.836	0.0	0.0	2.123	0.0
54	12850	12851	SN	1	0.0	24.371	7.273	0.0	47.79	8.836	0.0	168.687	4.09	0.0	68.386	5.11	0.0	1.422	0.0	0.0	1.81	0.0	0.0	1.87	0.0	0.0	2.169	0.0
55	12850	12851	SN	1	0.0	30.355	12.552	0.0	36.727	12.348	0.0	144.73	12.384	0.0	16.865	13.175	0.0	1.434	0.0	0.0	1.814	0.0	0.0	1.863	0.0	0.0	2.169	0.0
56	12850	12851	NS	1	0.0	159.927	11.094	0.0	31.684	13.491	0.0	358.594	8.031	0.0	46.05	9.814	0.0	1.412	0.0	0.0	1.771	0.0	0.0	1.834	0.0	0.0	2.124	0.0
57	12850	12851	SN	1	0.0	30.355	12.53	0.0	36.727	12.863	0.0	144.73	12.146	0.0	52.916	13.907	0.0	1.434	0.0	0.0	1.814	0.0	0.0	1.863	0.0	0.0	2.169	0.0
58	12850	12851	SN	1	0.0	30.355	12.53	0.0	36.727	12.863	0.0	144.73	12.139	0.0	52.883	13.907	0.0	1.434	0.0	0.0	1.814	0.0	0.0	1.863	0.0	0.0	2.169	0.0
59	12850	12851	SN	1	0.0	24.371	7.275	0.0	47.79	8.838	0.0	168.687	4.09	0.0	68.325	5.114	0.0	1.422	0.0	0.0	1.81	0.0	0.0	1.87	0.0	0.0	2.169	0.0
60	12850	12851	SN	1	0.0	24.371	7.337	0.0	47.79	8.798	0.0	168.687	4.162	0.0	16.771	4.943	0.0	1.422	0.0	0.0	1.81	0.0	0.0	1.87	0.0	0.0	2.169	0.0
61	12851	12852	SN	1	0.0	42.592	6.793	0.0	24.172	8.171	0.0	158.462	3.883	0.0	16.777	4.727	0.0	1.423	0.0	0.0	1.811	0.0	0.0	1.872	0.0	0.0	2.169	0.0
62	12851	12852	NS	1	0.0	268.87	4.952	0.0	25.672	5.99	0.0	305.043	1.592	0.0	41.214	1.9	0.0	1.423	0.0	0.0	1.766	0.0	0.0	1.836	0.0	0.0	2.123	0.0
63	12851	12852	SN	1	0.0	29.875	12.506	0.0	24.134	11.862	0.0	154.475	12.291	0.0	16.876	12.324	0.0	1.435	0.0	0.0	1.815	0.0	0.0	1.863	0.0	0.0	2.172	0.0
64	12851	12852	SN	1	0.0	42.592	6.76	0.0	25.427	8.325	0.0	158.462	3.723	0.0	50.429	4.884	0.0	1.423	0.0	0.0	1.811	0.0	0.0	1.872	0.0	0.0	2.169	0.0
65	12851	12852	NS	1	0.0	268.865	4.945	0.0	25.672	5.983	0.0	305.137	1.592	0.0	41.241	1.909	0.0	1.423	0.0	0.0	1.766	0.0	0.0	1.836	0.0	0.0	2.123	0.0
66	12851	12852	NS	1	0.0	205.63	11.21	0.0	31.413	13.612	0.0	130.416	8.121	0.0	55.983	9.952	0.0	1.411	0.0	0.0	1.769	0.0	0.0	1.835	0.0	0.0	2.124	0.0
67	12851	12852	NS	1	0.0	205.63	11.17	0.0	31.413	13.602	0.0	130.46	8.107	0.0	55.95	9.974	0.0	1.411	0.0	0.0	1.769	0.0	0.0	1.833	0.0	0.0	2.124	0.0
68	12851	12852	SN	1	0.0	29.875	12.446	0.0	25.981	12.772	0.0	154.475	11.884	0.0	140.145	13.522	0.0	1.435	0.0	0.0	1.815	0.0	0.0	1.863	0.0	0.0	2.172	0.0

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

69	12852	12853	SN	1	0.0	29.737	12.537	0.0	25.981	12.809	0.0	150.962	12.304	0.0	113.706	13.866	0.0	1.434	0.0	0.0	1.815	0.0	0.0	1.87	0.0	0.0	2.174	0.0
70	12852	12853	NS	1	0.0	24.564	11.211	0.0	31.441	13.612	0.0	354.248	8.121	0.0	35.279	9.91	0.0	1.413	0.0	0.0	1.768	0.0	0.0	1.824	0.0	0.0	2.121	0.0
71	12852	12853	NS	1	0.0	24.564	11.211	0.0	31.441	13.612	0.0	354.248	8.121	0.0	35.279	9.91	0.0	1.413	0.0	0.0	1.768	0.0	0.0	1.824	0.0	0.0	2.121	0.0
72	12852	12853	SN	1	0.0	29.737	12.537	0.0	25.981	12.809	0.0	150.962	12.304	0.0	113.706	13.866	0.0	1.434	0.0	0.0	1.815	0.0	0.0	1.87	0.0	0.0	2.174	0.0
73	12852	12853	NS	1	0.0	25.816	4.916	0.0	25.672	5.971	0.0	338.729	1.592	0.0	36.211	1.869	0.0	1.425	0.0	0.0	1.766	0.0	0.0	1.836	0.0	0.0	2.123	0.0
74	12852	12853	NS	1	0.0	25.816	4.916	0.0	25.672	5.974	0.0	338.729	1.592	0.0	36.211	1.869	0.0	1.425	0.0	0.0	1.766	0.0	0.0	1.836	0.0	0.0	2.123	0.0
75	12852	12853	SN	1	0.0	23.097	7.117	0.0	25.57	8.722	0.0	145.138	4.054	0.0	50.799	5.216	0.0	1.423	0.0	0.0	1.812	0.0	0.0	1.869	0.0	0.0	2.169	0.0
76	12852	12853	SN	1	0.0	23.097	7.117	0.0	25.57	8.722	0.0	145.138	4.054	0.0	50.799	5.216	0.0	1.423	0.0	0.0	1.812	0.0	0.0	1.869	0.0	0.0	2.169	0.0
77	12853	12854	NS	1	0.0	191.671	4.834	0.0	25.656	5.903	0.0	127.466	1.488	0.0	37.022	1.799	0.0	1.421	0.0	0.0	1.765	0.0	0.0	1.835	0.0	0.0	2.121	0.0
78	12853	12854	SN	1	0.0	24.354	7.203	0.0	25.683	8.877	0.0	136.143	4.171	0.0	248.012	5.322	0.0	1.422	0.0	0.0	1.811	0.0	0.0	1.869	0.0	0.0	2.168	0.0
79	12853	12854	NS	1	0.0	212.932	11.0	0.0	31.441	13.498	0.0	355.687	7.877	0.0	35.34	9.679	0.0	1.412	0.0	0.0	1.769	0.0	0.0	1.824	0.0	0.0	2.123	0.0
80	12853	12854	NS	1	0.0	212.932	11.0	0.0	31.441	13.498	0.0	355.687	7.877	0.0	35.34	9.679	0.0	1.412	0.0	0.0	1.769	0.0	0.0	1.824	0.0	0.0	2.123	0.0
81	12853	12854	SN	1	0.0	27.509	12.479	0.0	25.981	12.911	0.0	145.486	12.249	0.0	85.215	14.068	0.0	1.434	0.0	0.0	1.815	0.0	0.0	1.868	0.0	0.0	2.17	0.0
82	12853	12854	NS	1	0.0	191.671	4.834	0.0	25.656	5.903	0.0	127.466	1.488	0.0	37.022	1.799	0.0	1.421	0.0	0.0	1.765	0.0	0.0	1.835	0.0	0.0	2.121	0.0
83	12854	12855	NS	1	0.0	204.124	11.254	0.0	34.827	13.549	0.0	149.581	8.067	0.0	36.846	9.892	0.0	1.413	0.0	0.0	1.77	0.0	0.0	1.834	0.0	0.0	2.122	0.0
84	12854	12855	NS	1	0.0	204.124	11.288	0.0	29.511	13.335	0.0	149.581	8.172	0.0	16.473	9.663	0.0	1.413	0.0	0.0	1.77	0.0	0.0	1.834	0.0	0.0	2.122	0.0
85	12854	12855	NS	1	0.0	25.827	4.904	0.0	25.667	5.963	0.0	209.879	1.589	0.0	22.645	1.848	0.0	1.422	0.0	0.0	1.765	0.0	0.0	1.835	0.0	0.0	2.121	0.0
86	12854	12855	NS	1	0.0	25.827	4.956	0.0	25.667	5.944	0.0	209.879	1.614	0.0	12.1	1.788	0.0	1.422	0.0	0.0	1.765	0.0	0.0	1.835	0.0	0.0	2.121	0.0
87	12854	12855	SN	1	0.0	29.566	12.598	0.0	25.981	12.834	0.0	160.249	12.319	0.0	139.549	13.966	0.0	1.435	0.0	0.0	1.816	0.0	0.0	1.853	0.0	0.0	2.171	0.0
88	12854	12855	SN	1	0.0	24.365	7.243	0.0	25.65	8.849	0.0	153.571	4.266	0.0	129.683	5.271	0.0	1.423	0.0	0.0	1.811	0.0	0.0	1.869	0.0	0.0	2.169	0.0
89	12855	12856	NS	1	0.0	270.795	11.168	0.0	32.141	13.393	0.0	354.364	8.018	0.0	26.842	9.71	0.0	1.412	0.0	0.0	1.77	0.0	0.0	1.833	0.0	0.0	2.122	0.0
90	12855	12856	SN	1	0.0	25.06	7.258	0.0	25.604	8.818	0.0	205.632	4.109	0.0	74.381	5.189	0.0	1.422	0.0	0.0	1.812	0.0	0.0	1.869	0.0	0.0	2.169	0.0
91	12855	12856	NS	1	0.0	140.721	4.871	0.0	25.661	5.973	0.0	149.128	1.558	0.0	23.174	1.818	0.0	1.422	0.0	0.0	1.765	0.0	0.0	1.835	0.0	0.0	2.121	0.0
92	12855	12856	SN	1	0.0	29.853	12.55	0.0	25.981	12.939	0.0	175.614	12.294	0.0	95.101	13.865	0.0	1.434	0.0	0.0	1.814	0.0	0.0	1.862	0.0	0.0	2.172	0.0
93	12855	12856	SN	1	0.0	29.853	12.55	0.0	25.981	12.939	0.0	175.614	12.294	0.0	95.101	13.865	0.0	1.434	0.0	0.0	1.814	0.0	0.0	1.862	0.0	0.0	2.172	0.0
94	12855	12856	NS	1	0.0	140.721	4.871	0.0	25.661	5.973	0.0	149.128	1.558	0.0	23.174	1.818	0.0	1.422	0.0	0.0	1.765	0.0	0.0	1.835	0.0	0.0	2.121	0.0
95	12855	12856	NS	1	0.0	140.721	4.879	0.0	25.661	5.975	0.0	149.128	1.562	0.0	16.644	1.797	0.0	1.422	0.0	0.0	1.765	0.0	0.0	1.835	0.0	0.0	2.121	0.0
96	12855	12856	SN	1	0.0	25.06	7.256	0.0	25.604	8.818	0.0	205.632	4.109	0.0	74.381	5.191	0.0	1.422	0.0	0.0	1.812	0.0	0.0	1.869	0.0	0.0	2.169	0.0
97	12855	12856	NS	1	0.0	270.795	11.168	0.0	35.461	13.439	0.0	354.364	8.006	0.0	37.132	9.75	0.0	1.412	0.0	0.0	1.77	0.0	0.0	1.833	0.0	0.0	2.122	0.0
98	12855	12856	NS	1	0.0	270.795	11.168	0.0	35.461	13.439	0.0	354.364	8.006	0.0	37.132	9.75	0.0	1.412	0.0	0.0	1.77	0.0	0.0	1.833	0.0	0.0	2.122	0.0
99	12856	12857	NS	1	0.0	141.647	4.924	0.0	25.672	5.991	0.0	346.83	1.587	0.0	34.48	1.857	0.0	1.425	0.0	0.0	1.766	0.0	0.0	1.835	0.0	0.0	2.123	0.0
100	12856	12857	SN	1	0.0	24.751	7.27	0.0	25.637	8.768	0.0	186.131	4.158	0.0	64.702	5.263	0.0	1.424	0.0	0.0	1.812	0.0	0.0	1.87	0.0	0.0	2.168	0.0
101	12856	12857	NS	1	0.0	141.647	5.202	0.0	25.672	6.047	0.0	346.825	1.713	0.0	11.741	1.809	0.0	1.425	0.0	0.0	1.765	0.0	0.0	1.835	0.0	0.0	2.122	0.0
102	12856	12857	SN	1	0.0	24.751	7.27	0.0	25.637	8.765	0.0	186.131	4.164	0.0	64.702	5.263	0.0	1.424	0.0	0.0	1.812	0.0	0.0	1.87	0.0	0.0	2.168	0.0
103	12856	12857	NS	1	0.0	141.647	4.909	0.0	25.672	5.989	0.0	346.825	1.595	0.0	34.48	1.864	0.0	1.425	0.0	0.0	1.765	0.0	0.0	1.835	0.0	0.0	2.122	0.0
104	12856	12857	SN	1	0.0	29.985	12.62	0.0	26.29	12.835	0.0	165.202	12.246	0.0	163.82	13.915	0.0	1.437	0.0	0.0	1.814	0.0	0.0	1.864	0.0	0.0	2.169	0.0
105	12856	12857	SN	1	0.0	29.985	12.62	0.0	26.29	12.835	0.0	165.202	12.246	0.0	163.82	13.915	0.0	1.437	0.0	0.0	1.814	0.0	0.0	1.864	0.0	0.0	2.169	0.0

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

106	12856	12857	NS	1	0.0	93.537	11.147	0.0	31.358	13.487	0.0	115.117	8.089	0.0	33.73	9.822	0.0	1.412	0.0	0.0	1.769	0.0	0.0	1.833	0.0	0.0	2.122	0.0
107	12856	12857	NS	1	0.0	93.537	11.393	0.0	29.505	12.927	0.0	115.117	8.663	0.0	13.308	9.202	0.0	1.412	0.0	0.0	1.769	0.0	0.0	1.833	0.0	0.0	2.122	0.0
108	12856	12857	NS	1	0.0	93.537	11.146	0.0	31.358	13.487	0.0	115.106	8.096	0.0	33.73	9.815	0.0	1.412	0.0	0.0	1.769	0.0	0.0	1.833	0.0	0.0	2.122	0.0
109	12857	12858	NS	1	0.0	149.945	11.103	0.0	31.397	13.499	0.0	352.29	8.06	0.0	56.578	9.695	0.0	1.425	0.0	0.0	1.769	0.0	0.0	1.833	0.0	0.0	2.122	0.0
110	12857	12858	SN	1	0.0	29.715	12.704	0.0	24.244	12.146	0.0	160.04	12.74	0.0	16.881	13.052	0.0	1.436	0.0	0.0	1.813	0.0	0.0	1.868	0.0	0.0	2.173	0.0
111	12857	12858	NS	1	0.0	205.809	4.892	0.0	25.672	5.938	0.0	337.758	1.553	0.0	41.771	1.809	0.0	1.423	0.0	0.0	1.775	0.0	0.0	1.836	0.0	0.0	2.123	0.0
112	12857	12858	NS	1	0.0	149.945	11.103	0.0	31.397	13.381	0.0	352.29	8.187	0.0	56.573	9.551	0.0	1.425	0.0	0.0	1.769	0.0	0.0	1.833	0.0	0.0	2.122	0.0
113	12857	12858	NS	1	0.0	205.809	4.985	0.0	25.672	5.951	0.0	337.758	1.58	0.0	41.765	1.841	0.0	1.423	0.0	0.0	1.775	0.0	0.0	1.836	0.0	0.0	2.123	0.0
114	12857	12858	SN	1	0.0	23.091	7.364	0.0	24.161	8.803	0.0	165.461	4.368	0.0	16.777	5.119	0.0	1.423	0.0	0.0	1.811	0.0	0.0	1.872	0.0	0.0	2.169	0.0
115	12857	12858	NS	1	0.0	205.809	5.49	0.0	25.672	6.138	0.0	337.758	1.762	0.0	11.736	1.849	0.0	1.423	0.0	0.0	1.775	0.0	0.0	1.836	0.0	0.0	2.123	0.0
116	12857	12858	SN	1	0.0	29.715	12.637	0.0	25.981	12.892	0.0	160.04	12.33	0.0	111.593	14.026	0.0	1.436	0.0	0.0	1.813	0.0	0.0	1.868	0.0	0.0	2.173	0.0
117	12857	12858	SN	1	0.0	29.715	12.637	0.0	25.981	12.892	0.0	160.04	12.33	0.0	111.593	14.026	0.0	1.436	0.0	0.0	1.813	0.0	0.0	1.868	0.0	0.0	2.173	0.0
118	12857	12858	SN	1	0.0	23.091	7.279	0.0	25.449	8.884	0.0	165.461	4.207	0.0	50.33	5.239	0.0	1.423	0.0	0.0	1.811	0.0	0.0	1.872	0.0	0.0	2.169	0.0
119	12857	12858	SN	1	0.0	23.091	7.279	0.0	25.449	8.884	0.0	165.461	4.207	0.0	50.33	5.239	0.0	1.423	0.0	0.0	1.811	0.0	0.0	1.872	0.0	0.0	2.169	0.0
120	12857	12858	NS	1	0.0	149.945	11.54	0.0	29.527	12.824	0.0	352.29	9.128	0.0	13.131	9.081	0.0	1.425	0.0	0.0	1.769	0.0	0.0	1.833	0.0	0.0	2.122	0.0
121	12858	12859	NS	1	0.0	25.832	4.908	0.0	25.672	5.999	0.0	139.066	1.625	0.0	36.884	1.866	0.0	1.425	0.0	0.0	1.766	0.0	0.0	1.836	0.0	0.0	2.122	0.0
122	12858	12859	SN	1	0.0	23.097	7.639	0.0	24.161	9.327	0.0	15.525	4.505	0.0	180.878	5.549	0.0	1.423	0.0	0.0	1.811	0.0	0.0	1.872	0.0	0.0	2.169	0.0
123	12858	12859	SN	1	0.0	27.498	11.955	0.0	38.139	12.596	0.0	15.574	12.31	0.0	103.613	14.3	0.0	1.435	0.0	0.0	1.815	0.0	0.0	1.869	0.0	0.0	2.172	0.0
124	12858	12859	SN	1	0.0	27.503	12.192	0.0	25.981	13.002	0.0	21.189	12.162	0.0	124.322	15.026	0.0	1.436	0.0	0.0	1.813	0.0	0.0	1.871	0.0	0.0	2.173	0.0
125	12858	12859	NS	1	0.0	24.68	11.224	0.425	31.419	13.566	0.0	354.358	8.232	0.0	35.114	9.939	0.0	1.413	0.0	0.002	1.768	0.0	0.0	1.832	0.0	0.0	2.127	0.0
126	12858	12859	SN	1	0.0	23.075	7.093	0.0	25.496	9.013	0.0	15.525	4.039	0.0	191.93	5.615	0.0	1.424	0.0	0.0	1.811	0.0	0.0	1.872	0.0	0.0	2.169	0.0
127	12859	12860	NS	1	0.0	270.756	11.331	0.0	31.419	13.443	0.0	356.184	8.064	0.0	36.035	9.753	0.0	1.412	0.0	0.0	1.769	0.0	0.0	1.824	0.0	0.0	2.122	0.0
128	12859	12860	SN	1	0.0	29.097	12.456	0.0	125.271	12.807	0.0	165.693	12.455	0.0	171.001	13.789	0.0	1.435	0.0	0.0	1.816	0.0	0.0	1.876	0.0	0.0	2.174	0.0
129	12859	12860	SN	1	0.0	29.097	12.456	0.0	125.271	12.807	0.0	165.693	12.455	0.0	171.001	13.789	0.0	1.435	0.0	0.0	1.816	0.0	0.0	1.876	0.0	0.0	2.174	0.0
130	12859	12860	SN	1	0.0	29.097	12.473	0.0	125.271	12.641	0.0	165.693	12.54	0.0	171.001	13.533	0.0	1.435	0.0	0.0	1.816	0.0	0.0	1.876	0.0	0.0	2.174	0.0
131	12859	12860	SN	1	0.0	24.376	7.104	0.0	125.254	8.773	0.0	159.064	4.087	0.0	142.036	5.106	0.0	1.423	0.0	0.0	1.812	0.0	0.0	1.873	0.0	0.0	2.17	0.0
132	12859	12860	SN	1	0.0	24.376	7.104	0.0	125.254	8.773	0.0	159.064	4.087	0.0	142.036	5.106	0.0	1.423	0.0	0.0	1.812	0.0	0.0	1.873	0.0	0.0	2.17	0.0
133	12859	12860	SN	1	0.0	24.376	7.13	0.0	125.254	8.748	0.0	159.064	4.113	0.0	142.036	5.017	0.0	1.423	0.0	0.0	1.812	0.0	0.0	1.873	0.0	0.0	2.17	0.0
134	12859	12860	NS	1	0.0	237.545	4.881	0.0	25.661	5.982	0.0	354.557	1.592	0.0	37.91	1.843	0.0	1.417	0.0	0.0	1.765	0.0	0.0	1.835	0.0	0.0	2.122	0.0
135	12859	12860	NS	1	0.0	237.545	4.881	0.0	25.661	5.982	0.0	354.557	1.592	0.0	37.91	1.843	0.0	1.417	0.0	0.0	1.765	0.0	0.0	1.835	0.0	0.0	2.122	0.0
136	12859	12860	NS	1	0.0	270.756	11.331	0.0	31.419	13.443	0.0	356.184	8.064	0.0	36.035	9.76	0.0	1.412	0.0	0.0	1.769	0.0	0.0	1.824	0.0	0.0	2.122	0.0
137	12860	12861	SN	1	0.0	29.891	12.577	0.0	25.981	12.671	0.0	153.041	12.395	0.0	21.679	13.903	0.0	1.434	0.0	0.0	1.815	0.0	0.0	1.879	0.0	0.0	2.171	0.0
138	12860	12861	SN	1	0.0	24.36	7.326	0.0	24.338	8.86	0.0	150.223	4.367	0.0	16.777	5.311	0.0	1.423	0.0	0.0	1.812	0.0	0.0	1.874	0.0	0.0	2.17	0.0
139	12860	12861	SN	1	0.0	24.36	7.326	0.0	24.338	8.86	0.0	150.223	4.338	0.0	16.777	5.323	0.0	1.423	0.0	0.0	1.812	0.0	0.0	1.874	0.0	0.0	2.17	0.0
140	12860	12861	SN	1	0.0	29.891	12.573	0.0	25.981	12.816	0.0	153.041	12.312	0.0	82.537	14.11	0.0	1.434	0.0	0.0	1.815	0.0	0.0	1.879	0.0	0.0	2.171	0.0
141	12860	12861	SN	1	0.0	24.36	7.3	0.0	25.648	8.882	0.0	150.223	4.323	0.0	63.323	5.383	0.0	1.423	0.0	0.0	1.812	0.0	0.0	1.874	0.0	0.0	2.17	0.0
142	12860	12861	SN	1	0.0	29.891	12.577	0.0	25.981	12.671	0.0	153.041	12.395	0.0	21.679	13.867	0.0	1.434	0.0	0.0	1.815	0.0	0.0	1.879	0.0	0.0	2.171	0.0

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

143	12860	12861	NS	1	0.0	156.328	4.861	0.0	25.661	5.955	0.0	118.746	1.555	0.0	22.341	1.786	0.0	1.396	0.0	0.0	1.765	0.0	0.0	1.835	0.0	0.0	2.121	0.0		
144	12860	12861	NS	1	0.0	268.969	11.284	0.0	35.456	13.515	0.0	354.149	7.866	0.0	36.769	9.714	0.0	1.413	0.0	0.0	1.77	0.0	0.0	1.833	0.0	0.0	2.122	0.0		
145	12860	12861	NS	1	0.0	268.969	11.294	0.0	35.461	13.505	0.0	354.149	7.866	0.0	36.763	9.7	0.0	1.413	0.0	0.0	1.77	0.0	0.0	1.833	0.0	0.0	2.122	0.0		
146	12860	12861	NS	1	0.0	156.328	4.859	0.0	25.661	5.955	0.0	265.142	1.561	0.0	22.341	1.789	0.0	1.396	0.0	0.0	1.765	0.0	0.0	1.835	0.0	0.0	2.121	0.0		
147	12861	12862	NS	1	0.0	229.501	11.496	0.0	35.5	13.527	0.0	354.413	8.007	0.0	38.412	9.778	0.0	1.413	0.0	0.0	1.769	0.0	0.0	1.834	0.0	0.0	2.123	0.0		
148	12861	12862	SN	1	0.0	29.792	12.692	0.0	67.33	12.906	0.0	149.517	12.438	0.0	90.013	14.042	0.0	1.436	0.0	0.0	1.815	0.0	0.0	1.868	0.0	0.0	2.172	0.0		
149	12861	12862	SN	1	0.0	29.792	12.692	0.0	67.33	12.906	0.0	149.517	12.438	0.0	90.002	14.042	0.0	1.436	0.0	0.0	1.815	0.0	0.0	1.868	0.0	0.0	2.172	0.0		
150	12861	12862	SN	1	0.0	29.792	12.704	0.0	67.33	12.646	0.0	149.517	12.57	0.0	18.084	13.661	0.0	1.436	0.0	0.0	1.815	0.0	0.0	1.868	0.0	0.0	2.172	0.0		
151	12861	12862	SN	1	0.0	24.371	7.382	0.0	43.709	8.878	0.0	173.982	4.358	0.0	16.777	5.244	0.0	1.424	0.0	0.0	1.813	0.0	0.0	1.873	0.0	0.0	2.171	0.0		
152	12861	12862	SN	1	0.0	24.371	7.34	0.0	43.709	8.897	0.0	173.982	4.309	0.0	65.32	5.34	0.0	1.424	0.0	0.0	1.813	0.0	0.0	1.873	0.0	0.0	2.171	0.0		
153	12861	12862	NS	1	0.0	229.501	4.856	0.0	25.661	5.961	0.0	176.146	1.572	0.0	23.439	1.777	0.0	1.395	0.0	0.0	1.765	0.0	0.0	1.834	0.0	0.0	2.121	0.0		
154	12861	12862	SN	1	0.0	24.371	7.338	0.0	43.709	8.899	0.0	173.982	4.308	0.0	65.325	5.342	0.0	1.424	0.0	0.0	1.813	0.0	0.0	1.873	0.0	0.0	2.171	0.0		
155	12862	12863	SN	1	0.0	15.376	9.091	0.0	11.918	2.345	0.0	159.229	23.577	0.0	9.238	0.0	0.0	1.269	0.0	0.0	1.699	0.0	0.0	1.71	0.0	0.0	2.05	0.0		
156	12862	12863	SN	1	0.0	29.356	14.834	0.0	22.86	11.043	0.0	153.587	11.528	0.0	16.6	7.644	0.0	1.437	0.0	0.0	1.79	0.0	0.0	1.835	0.0	0.0	2.148	0.0		
157	12862	12863	SN	1	0.0	29.356	14.834	0.0	22.86	11.043	0.0	153.587	11.528	0.0	16.6	7.644	0.0	1.437	0.0	0.0	1.79	0.0	0.0	1.835	0.0	0.0	2.148	0.0		
158	12862	12863	SN	1	0.0	22.126	5.156	0.0	24.161	5.709	0.0	159.229	1.693	0.0	14.129	1.985	0.0	1.426	0.0	0.0	1.79	0.0	0.0	1.837	0.0	0.0	2.149	0.0		
159	12862	12863	SN	1	0.0	22.126	5.156	0.0	24.161	5.709	0.0	159.229	1.693	0.0	14.129	1.985	0.0	1.426	0.0	0.0	1.79	0.0	0.0	1.837	0.0	0.0	2.149	0.0		
160	12862	12863	NS	1	0.0	264.855	4.822	0.0	25.661	5.901	0.0	347.547	1.55	0.0	34.7	1.745	0.0	1.395	0.0	0.0	1.764	0.0	0.0	1.834	0.0	0.0	2.12	0.0		
161	12862	12863	NS	1	0.0	264.85	4.822	0.0	25.661	5.906	0.0	347.553	1.547	0.0	34.706	1.74	0.0	1.395	0.0	0.0	1.764	0.0	0.0	1.834	0.0	0.0	2.12	0.0		
162	12862	12863	NS	1	0.0	92.6	11.476	0.0	31.331	13.487	0.0	221.783	7.971	0.0	33.835	9.712	0.0	1.412	0.0	0.0	1.766	0.0	0.0	1.824	0.0	0.0	2.123	0.0		
163	12862	12863	NS	1	0.0	91.977	11.466	0.0	31.336	13.477	0.0	221.783	7.963	0.0	33.824	9.69	0.0	1.412	0.0	0.0	1.766	0.0	0.0	1.824	0.0	0.0	2.123	0.0		
164	12862	12863	SN	1	0.0	29.356	44.865	0.0	18.183	6.448	0.518	153.587	40.404	0.0	10.76	1.336	0.0	1.293	0.0	0.0	1.696	0.0	0.001	1.71	0.0	0.0	2.049	0.0		
165	12863	12864	SN	1	100000.0	-100000.0	0.0	100000.0	-100000.0	0.0	100000.0	-100000.0	0.0	100000.0	-100000.0	0.0	100000.0	-100000.0	0.0	100000.0	-100000.0	0.0	100000.0	-100000.0	0.0	100000.0	-100000.0	0.0	100000.0	-100000.0
166	12863	12864	NS	1	100000.0	-100000.0	0.0	100000.0	-100000.0	0.0	100000.0	-100000.0	0.0	100000.0	-100000.0	0.0	100000.0	-100000.0	0.0	100000.0	-100000.0	0.0	100000.0	-100000.0	0.0	100000.0	-100000.0	0.0	100000.0	-100000.0
167	12863	12864	NS	1	100000.0	-100000.0	0.0	100000.0	-100000.0	0.0	100000.0	-100000.0	0.0	100000.0	-100000.0	0.0	100000.0	-100000.0	0.0	100000.0	-100000.0	0.0	100000.0	-100000.0	0.0	100000.0	-100000.0	0.0	100000.0	-100000.0
168	12863	12864	SN	1	100000.0	-100000.0	0.0	100000.0	-100000.0	0.0	100000.0	-100000.0	0.0	100000.0	-100000.0	0.0	100000.0	-100000.0	0.0	100000.0	-100000.0	0.0	100000.0	-100000.0	0.0	100000.0	-100000.0	0.0	100000.0	-100000.0
169	12863	12864	NS	1	100000.0	-100000.0	0.0	100000.0	-100000.0	0.0	100000.0	-100000.0	0.0	100000.0	-100000.0	0.0	100000.0	-100000.0	0.0	100000.0	-100000.0	0.0	100000.0	-100000.0	0.0	100000.0	-100000.0	0.0	100000.0	-100000.0
170	12863	12864	NS	1	100000.0	-100000.0	0.0	100000.0	-100000.0	0.0	100000.0	-100000.0	0.0	100000.0	-100000.0	0.0	100000.0	-100000.0	0.0	100000.0	-100000.0	0.0	100000.0	-100000.0	0.0	100000.0	-100000.0	0.0	100000.0	-100000.0
171	12863	12864	SN	1	0.0	23.819	9.792	0.0	25.943	59.211	0.0	13.186	4.249	0.0	87.385	57.627	0.0	1.346	0.0	0.0	1.665	0.0	0.0	1.801	0.0	0.0	1.989	0.0		
172	12863	12864	SN	1	0.0	23.108	7.881	0.0	25.948	62.791	0.0	12.635	4.857	0.0	14.747	20.69	0.0	1.322	0.0	0.0	1.574	0.0	0.0	1.799	0.0	0.0	1.879	0.0		
173	12863	12864	SN	1	0.0	20.025	4.495	0.0	25.65	38.72	0.0	11.521	1.76	0.0	56.849	28.718	0.0	1.345	0.0	0.0	1.656	0.0	0.0	1.814	0.0	0.0	1.983	0.0		
174	12863	12864	SN	1	0.0	19.236	4.785	0.0	21.972	39.175	0.0	11.366	1.103	0.0	12.944	8.824	0.0	1.342	0.0	0.0	1.578	0.0	0.0	1.812	0.0	0.0	1.978	0.0		
175	12864	12865	NS	1	0.0	24.74	11.482	0.0	31.342	13.469	0.0	355.809	8.083	0.0	35.754	9.763	0.0	1.411	0.0	0.0	1.767	0.0	0.0	1.824	0.0	0.0	2.119	0.0		
176	12864	12865	NS	1	0.0	24.746	11.491	0.0	31.342	13.449	0.0	355.809	8.104	0.0	35.335	9.763	0.0	1.412	0.0	0.0	1.767	0.0	0.0	1.822	0.0	0.0	2.119	0.0		
177	12864	12865	SN	1	0.0	23.891	7.377	0.0	89.172	8.849	0.0	169.305	4.476	0.0	262.958	5.098	0.0	1.425	0.0	0.0	1.813	0.0	0.0	1.87	0.0	0.0	2.17	0.0		
178	12864	12865	SN	1	0.0	29.456	12.673	0.0	241.996	12.945	0.0	164.893	12.453	0.0	123.644	14.018	0.0	1.434	0.0	0.0	1.815	0.0	0.0	1.872	0.0	0.0	2.176	0.0		
179	12864	12865	SN	1	0.0	23.891	7.273	0.0	89.172	8.886	0.0	169.305	4.361	0.0	262.958	5.241	0.0	1.425	0.0	0.0	1.813	0.0	0.0	1.87	0.0	0.0	2.17	0.0		

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

180	12864	12865	SN	1	0.0	23.891	7.273	0.0	89.172	8.886	0.0	169.305	4.361	0.0	262.958	5.241	0.0	1.425	0.0	0.0	1.813	0.0	0.0	1.87	0.0	0.0	2.17	0.0
181	12864	12865	SN	1	0.0	29.456	12.673	0.0	241.996	12.945	0.0	164.893	12.453	0.0	123.644	14.018	0.0	1.434	0.0	0.0	1.815	0.0	0.0	1.872	0.0	0.0	2.176	0.0
182	12864	12865	SN	1	0.0	29.456	12.734	0.0	241.996	12.264	0.0	164.893	12.838	0.0	40.279	13.154	0.0	1.434	0.0	0.0	1.815	0.0	0.0	1.872	0.0	0.0	2.176	0.0
183	12864	12865	NS	1	0.0	158.736	4.88	0.0	25.672	5.99	0.0	354.397	1.591	0.0	36.978	1.783	0.0	1.395	0.0	0.0	1.764	0.0	0.0	1.834	0.0	0.0	2.12	0.0
184	12864	12865	NS	1	0.0	25.838	4.889	0.0	25.672	5.99	0.0	354.386	1.588	0.0	36.956	1.778	0.0	1.395	0.0	0.0	1.764	0.0	0.0	1.834	0.0	0.0	2.12	0.0
185	12865	12866	NS	1	0.0	90.874	11.412	0.0	31.369	13.501	0.0	358.208	8.019	0.0	36.912	9.806	0.0	1.413	0.0	0.0	1.765	0.0	0.0	1.82	0.0	0.0	2.119	0.0
186	12865	12866	NS	1	0.0	101.986	4.9	0.0	25.672	5.995	0.0	354.832	1.584	0.0	38.473	1.797	0.0	1.395	0.0	0.0	1.769	0.0	0.0	1.835	0.0	0.0	2.121	0.0
187	12865	12866	SN	1	0.0	23.086	6.993	0.0	25.678	8.631	0.0	163.729	4.132	0.0	70.46	4.998	0.0	1.424	0.0	0.0	1.812	0.0	0.0	1.872	0.0	0.0	2.17	0.0
188	12865	12866	NS	1	0.0	90.874	11.412	0.0	31.369	13.501	0.0	358.208	8.019	0.0	36.912	9.806	0.0	1.413	0.0	0.0	1.765	0.0	0.0	1.82	0.0	0.0	2.119	0.0
189	12865	12866	SN	1	0.0	29.593	12.525	0.0	24.216	12.039	0.0	168.141	12.661	0.0	16.881	12.642	0.0	1.434	0.0	0.0	1.814	0.0	0.0	1.867	0.0	0.0	2.172	0.0
190	12865	12866	SN	1	0.0	29.593	12.462	0.0	25.97	12.783	0.0	168.141	12.21	0.0	39.013	13.618	0.0	1.434	0.0	0.0	1.814	0.0	0.0	1.867	0.0	0.0	2.172	0.0
191	12865	12866	SN	1	0.0	29.593	12.462	0.0	25.965	12.772	0.0	168.141	12.21	0.0	38.997	13.611	0.0	1.434	0.0	0.0	1.814	0.0	0.0	1.867	0.0	0.0	2.172	0.0
192	12865	12866	SN	1	0.0	23.086	7.085	0.0	24.167	8.511	0.0	163.729	4.276	0.0	16.771	4.862	0.0	1.424	0.0	0.0	1.812	0.0	0.0	1.872	0.0	0.0	2.17	0.0
193	12865	12866	NS	1	0.0	101.986	4.9	0.0	25.672	5.995	0.0	354.832	1.583	0.0	38.473	1.797	0.0	1.395	0.0	0.0	1.769	0.0	0.0	1.835	0.0	0.0	2.121	0.0
194	12865	12866	SN	1	0.0	23.086	6.993	0.0	25.683	8.631	0.0	163.729	4.13	0.0	70.427	4.996	0.0	1.424	0.0	0.0	1.812	0.0	0.0	1.872	0.0	0.0	2.17	0.0
195	12866	12867	NS	1	0.0	264.378	11.351	0.0	135.845	13.441	0.0	354.281	7.961	0.0	154.999	9.481	0.0	1.412	0.0	0.0	1.769	0.0	0.0	1.832	0.0	0.0	2.124	0.0
196	12866	12867	SN	1	0.0	27.514	12.519	0.0	25.976	12.395	0.0	155.694	11.847	0.0	84.862	13.479	0.0	1.434	0.0	0.0	1.815	0.0	0.0	1.863	0.0	0.0	2.172	0.0
197	12866	12867	SN	1	0.0	27.514	12.583	0.0	25.976	12.556	0.0	155.694	11.986	0.0	84.862	13.651	0.0	1.434	0.0	0.0	1.815	0.0	0.0	1.863	0.0	0.0	2.172	0.0
198	12866	12867	NS	1	0.0	264.378	11.32	0.0	135.845	13.431	0.0	354.281	7.968	0.0	154.999	9.467	0.0	1.412	0.0	0.0	1.769	0.0	0.0	1.832	0.0	0.0	2.124	0.0
199	12866	12867	SN	1	0.0	23.086	6.912	0.0	25.73	8.594	0.0	172.526	4.004	0.0	190.491	5.11	0.0	1.424	0.0	0.0	1.812	0.0	0.0	1.874	0.0	0.0	2.172	0.0
200	12866	12867	NS	1	0.0	256.1	4.865	0.0	133.154	5.936	0.0	229.989	1.582	0.0	152.253	1.751	0.0	1.397	0.0	0.0	1.767	0.0	0.0	1.835	0.0	0.0	2.12	0.0
201	12866	12867	SN	1	0.0	23.086	6.962	0.0	25.73	8.675	0.0	172.526	4.024	0.0	190.491	5.135	0.0	1.424	0.0	0.0	1.812	0.0	0.0	1.874	0.0	0.0	2.172	0.0
202	12866	12867	NS	1	0.0	256.095	4.854	0.0	133.154	5.934	0.0	229.989	1.585	0.0	152.253	1.747	0.0	1.397	0.0	0.0	1.767	0.0	0.0	1.835	0.0	0.0	2.12	0.0
203	12867	12868	SN	1	0.0	29.737	9.18	0.0	25.976	24.938	0.0	154.878	7.55	0.0	84.46	31.393	0.0	1.356	0.0	0.0	1.76	0.0	0.0	1.801	0.0	0.0	2.104	0.0
204	12867	12868	NS	1	0.0	24.575	11.305	0.0	31.303	13.53	0.0	274.17	8.018	0.0	33.647	9.808	0.0	1.412	0.0	0.0	1.766	0.0	0.0	1.822	0.0	0.0	2.119	0.0
205	12867	12868	SN	1	0.0	24.647	7.208	0.0	25.584	8.823	0.0	170.232	4.231	0.0	136.312	5.198	0.0	1.424	0.0	0.0	1.812	0.0	0.0	1.873	0.0	0.0	2.169	0.0
206	12867	12868	SN	1	0.0	29.731	12.705	0.0	25.976	12.887	0.0	154.801	12.351	0.0	84.46	14.115	0.0	1.433	0.0	0.0	1.818	0.0	0.0	1.865	0.0	0.0	2.17	0.0
207	12867	12868	NS	1	0.0	25.082	11.494	0.0	31.303	13.51	0.0	147.805	8.067	0.0	33.647	9.764	0.0	1.411	0.0	0.0	1.766	0.0	0.0	1.823	0.0	0.0	2.127	0.0
208	12867	12868	NS	1	0.0	24.702	4.751	0.0	25.656	5.98	0.0	186.41	1.547	0.0	34.369	1.724	0.0	1.395	0.0	0.0	1.763	0.0	0.0	1.833	0.0	0.0	2.119	0.0
209	12867	12868	SN	1	0.0	19.854	5.307	0.0	25.672	14.577	0.0	170.314	2.386	0.0	132.479	9.336	0.0	1.361	0.0	0.0	1.757	0.0	0.0	1.812	0.0	0.0	2.108	0.0
210	12867	12868	NS	1	0.0	25.722	4.863	0.0	25.656	6.003	0.0	353.558	1.584	0.0	34.364	1.735	0.0	1.395	0.0	0.0	1.763	0.0	0.0	1.833	0.0	0.0	2.119	0.0
211	12868	12869	NS	1	0.0	264.971	11.474	0.0	31.309	13.451	0.0	247.704	8.033	0.0	55.685	9.657	0.0	1.412	0.0	0.0	1.768	0.0	0.0	1.823	0.0	0.0	2.119	0.0
212	12868	12869	SN	1	0.0	29.726	12.733	0.0	25.976	12.919	0.0	157.348	12.357	0.0	241.502	14.085	0.0	1.431	0.0	0.0	1.815	0.0	0.0	1.863	0.0	0.0	2.17	0.0
213	12868	12869	NS	1	0.0	264.971	4.817	0.0	25.645	5.969	0.0	353.939	1.56	0.0	41.114	1.722	0.0	1.399	0.0	0.0	1.763	0.0	0.0	1.834	0.0	0.0	2.119	0.0
214	12868	12869	NS	1	0.0	264.971	4.817	0.0	25.645	5.969	0.0	353.939	1.56	0.0	41.114	1.722	0.0	1.399	0.0	0.0	1.763	0.0	0.0	1.834	0.0	0.0	2.119	0.0
215	12868	12869	NS	1	0.0	264.971	11.474	0.0	31.303	13.451	0.0	247.704	8.033	0.0	55.685	9.657	0.0	1.412	0.0	0.0	1.768	0.0	0.0	1.823	0.0	0.0	2.119	0.0
216	12868	12869	SN	1	0.0	24.371	7.114	0.0	26.031	8.75	0.0	148.442	4.238	0.0	137.586	5.225	0.0	1.422	0.0	0.0	1.812	0.0	0.0	1.87	0.0	0.0	2.17	0.0

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

217	12869	12870	SN	1	0.0	24.873	7.09	0.0	173.29	8.799	0.0	191.878	4.237	0.0	57.177	5.092	0.0	1.421	0.0	0.0	1.823	0.0	0.0	1.87	0.0	0.0	2.17	0.0
218	12869	12870	SN	1	0.0	24.873	7.086	0.0	173.29	8.806	0.0	192.021	4.244	0.0	49.161	5.088	0.0	1.42	0.0	0.0	1.823	0.0	0.0	1.87	0.0	0.0	2.17	0.0
219	12869	12870	NS	1	0.0	205.754	11.419	0.0	31.298	13.464	0.0	355.632	8.084	0.0	37.684	9.691	0.0	1.411	0.0	0.0	1.765	0.0	0.0	1.823	0.0	0.0	2.118	0.0
220	12869	12870	SN	1	0.0	29.731	12.787	0.0	25.976	12.865	0.0	146.048	12.308	0.0	261.088	13.933	0.0	1.43	0.0	0.0	1.814	0.0	0.0	1.863	0.0	0.0	2.17	0.0
221	12869	12870	SN	1	0.0	29.731	12.807	0.0	71.538	12.875	0.0	146.081	12.294	0.0	89.986	13.933	0.0	1.429	0.0	0.0	1.814	0.0	0.0	1.863	0.0	0.0	2.17	0.0
222	12869	12870	NS	1	0.0	158.736	4.874	0.0	25.661	5.973	0.0	354.264	1.585	0.0	42.317	1.753	0.0	1.394	0.0	0.0	1.763	0.0	0.0	1.833	0.0	0.0	2.12	0.0
223	12869	12870	NS	1	0.0	158.736	4.874	0.0	25.661	5.973	0.0	354.264	1.585	0.0	42.317	1.751	0.0	1.394	0.0	0.0	1.763	0.0	0.0	1.833	0.0	0.0	2.12	0.0
224	12869	12870	NS	1	0.0	205.754	11.474	0.0	29.511	13.257	0.0	355.632	8.174	0.0	15.547	9.464	0.0	1.411	0.0	0.0	1.765	0.0	0.0	1.823	0.0	0.0	2.118	0.0
225	12869	12870	NS	1	0.0	158.736	4.927	0.0	25.661	5.957	0.0	354.264	1.612	0.0	11.78	1.679	0.0	1.394	0.0	0.0	1.763	0.0	0.0	1.833	0.0	0.0	2.12	0.0
226	12869	12870	NS	1	0.0	205.754	11.419	0.0	31.298	13.464	0.0	355.632	8.084	0.0	37.684	9.691	0.0	1.411	0.0	0.0	1.765	0.0	0.0	1.823	0.0	0.0	2.118	0.0
227	12870	12871	NS	1	0.0	218.537	4.843	0.0	25.661	5.989	0.0	354.606	1.562	0.0	21.211	1.768	0.0	1.394	0.0	0.0	1.77	0.0	0.0	1.833	0.0	0.0	2.12	0.0
228	12870	12871	SN	1	0.0	29.417	12.779	0.0	25.976	12.966	0.0	182.927	12.372	0.0	147.22	13.825	0.0	1.431	0.0	0.0	1.816	0.0	0.0	1.868	0.0	0.0	2.173	0.0
229	12870	12871	NS	1	0.0	218.537	4.843	0.0	25.661	5.986	0.0	354.606	1.562	0.0	21.211	1.768	0.0	1.394	0.0	0.0	1.77	0.0	0.0	1.833	0.0	0.0	2.12	0.0
230	12870	12871	NS	1	0.0	143.801	11.41	0.0	31.314	13.43	0.0	355.781	8.013	0.0	38.804	9.771	0.0	1.411	0.0	0.0	1.765	0.0	0.0	1.823	0.0	0.0	2.119	0.0
231	12870	12871	NS	1	0.0	143.801	11.586	0.0	29.511	12.918	0.0	355.781	8.37	0.0	12.999	9.202	0.0	1.411	0.0	0.0	1.765	0.0	0.0	1.823	0.0	0.0	2.119	0.0
232	12870	12871	SN	1	0.0	24.371	7.159	0.0	25.689	8.857	0.0	173.165	4.37	0.0	77.69	5.301	0.0	1.426	0.0	0.0	1.812	0.0	0.0	1.87	0.0	0.0	2.17	0.0
233	12870	12871	SN	1	0.0	29.417	12.779	0.0	25.976	12.966	0.0	182.927	12.372	0.0	147.22	13.825	0.0	1.431	0.0	0.0	1.816	0.0	0.0	1.868	0.0	0.0	2.173	0.0
234	12870	12871	NS	1	0.0	143.801	11.41	0.0	31.314	13.43	0.0	355.781	8.013	0.0	38.804	9.771	0.0	1.411	0.0	0.0	1.765	0.0	0.0	1.823	0.0	0.0	2.119	0.0
235	12870	12871	NS	1	0.0	218.537	4.994	0.0	25.661	5.996	0.0	354.606	1.64	0.0	11.78	1.689	0.0	1.394	0.0	0.0	1.77	0.0	0.0	1.833	0.0	0.0	2.12	0.0
236	12870	12871	SN	1	0.0	24.371	7.159	0.0	25.689	8.857	0.0	173.165	4.37	0.0	77.69	5.301	0.0	1.426	0.0	0.0	1.812	0.0	0.0	1.87	0.0	0.0	2.17	0.0
237	12871	12872	NS	1	0.0	25.099	11.703	0.0	29.516	12.956	0.0	354.132	8.829	0.0	13.341	9.045	0.0	1.412	0.0	0.0	1.769	0.0	0.0	1.832	0.0	0.0	2.123	0.0
238	12871	12872	NS	1	0.0	25.711	4.866	0.0	25.667	5.997	0.0	209.843	1.584	0.0	22.242	1.747	0.0	1.394	0.0	0.0	1.764	0.0	0.0	1.833	0.0	0.0	2.12	0.0
239	12871	12872	NS	1	0.0	25.711	4.866	0.0	25.667	5.997	0.0	209.843	1.584	0.0	22.242	1.747	0.0	1.394	0.0	0.0	1.764	0.0	0.0	1.833	0.0	0.0	2.12	0.0
240	12871	12872	NS	1	0.0	25.711	5.263	0.0	25.667	6.108	0.0	209.843	1.749	0.0	11.879	1.745	0.0	1.394	0.0	0.0	1.764	0.0	0.0	1.833	0.0	0.0	2.12	0.0
241	12871	12872	SN	1	0.0	29.511	12.757	0.0	25.976	12.911	0.0	166.117	12.416	0.0	158.686	13.995	0.0	1.43	0.0	0.0	1.816	0.0	0.0	1.867	0.0	0.0	2.173	0.0
242	12871	12872	SN	1	0.0	23.119	7.223	0.0	25.719	8.832	0.0	164.612	4.296	0.0	71.712	5.208	0.0	1.421	0.0	0.0	1.812	0.0	0.0	1.87	0.0	0.0	2.17	0.0
243	12871	12872	SN	1	0.0	23.119	7.23	0.0	25.719	8.83	0.0	164.694	4.292	0.0	71.689	5.213	0.0	1.421	0.0	0.0	1.812	0.0	0.0	1.87	0.0	0.0	2.17	0.0
244	12871	12872	SN	1	0.0	29.511	12.735	0.0	25.976	12.911	0.0	166.068	12.409	0.0	158.758	14.016	0.0	1.431	0.0	0.0	1.816	0.0	0.0	1.869	0.0	0.0	2.173	0.0
245	12871	12872	NS	1	0.0	25.099	11.346	0.0	31.215	13.501	0.0	354.132	8.046	0.0	36.162	9.709	0.0	1.412	0.0	0.0	1.769	0.0	0.0	1.832	0.0	0.0	2.123	0.0
246	12871	12872	NS	1	0.0	25.099	11.346	0.0	31.215	13.501	0.0	354.132	8.046	0.0	36.162	9.709	0.0	1.412	0.0	0.0	1.769	0.0	0.0	1.832	0.0	0.0	2.123	0.0
247	12872	12873	NS	1	0.0	201.496	4.882	0.0	25.661	5.997	0.0	212.603	1.551	0.0	34.171	1.758	0.0	1.395	0.0	0.0	1.764	0.0	0.0	1.834	0.0	0.0	2.12	0.0
248	12872	12873	SN	1	0.0	29.902	12.817	0.0	25.976	12.891	0.0	158.165	12.537	0.0	104.92	14.021	0.0	1.432	0.0	0.0	1.815	0.0	0.0	1.863	0.0	0.0	2.173	0.0
249	12872	12873	NS	1	0.0	41.922	11.964	0.0	29.516	12.706	0.0	136.141	9.24	0.0	13.037	9.178	0.0	1.412	0.0	0.0	1.768	0.0	0.0	1.831	0.0	0.0	2.123	0.0
250	12872	12873	SN	1	0.0	23.086	7.332	0.0	24.15	8.841	0.0	170.458	4.502	0.0	16.777	5.156	0.0	1.423	0.0	0.0	1.812	0.0	0.0	1.874	0.0	0.0	2.17	0.0
251	12872	12873	SN	1	0.0	29.902	12.817	0.0	25.976	12.891	0.0	158.165	12.537	0.0	104.92	14.021	0.0	1.432	0.0	0.0	1.815	0.0	0.0	1.863	0.0	0.0	2.173	0.0
252	12872	12873	NS	1	0.0	201.496	5.578	0.0	25.661	6.269	0.0	136.808	1.822	0.0	11.879	1.869	0.0	1.395	0.0	0.0	1.764	0.0	0.0	1.834	0.0	0.0	2.12	0.0
253	12872	12873	SN	1	0.0	23.086	7.21	0.0	25.62	8.895	0.0	170.458	4.349	0.0	68.645	5.275	0.0	1.423	0.0	0.0	1.812	0.0	0.0	1.874	0.0	0.0	2.17	0.0

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



254	12872	12873	NS	1	0.0	41.922	11.328	0.0	31.253	13.39	0.0	136.141	7.901	0.0	35.219	9.684	0.0	1.412	0.0	0.0	1.768	0.0	0.0	1.831	0.0	0.0	2.123	0.0
255	12872	12873	NS	1	0.0	41.922	11.328	0.0	31.253	13.392	0.0	136.141	7.901	0.0	35.219	9.684	0.0	1.412	0.0	0.0	1.768	0.0	0.0	1.831	0.0	0.0	2.123	0.0
256	12872	12873	SN	1	0.0	29.902	12.876	0.0	24.349	12.24	0.0	158.165	12.954	0.0	16.87	13.167	0.0	1.432	0.0	0.0	1.815	0.0	0.0	1.863	0.0	0.0	2.173	0.0
257	12872	12873	SN	1	0.0	23.086	7.21	0.0	25.62	8.895	0.0	170.458	4.347	0.0	68.645	5.278	0.0	1.423	0.0	0.0	1.812	0.0	0.0	1.874	0.0	0.0	2.17	0.0
258	12872	12873	NS	1	0.0	201.496	4.884	0.0	25.661	5.997	0.0	212.603	1.551	0.0	34.171	1.758	0.0	1.395	0.0	0.0	1.764	0.0	0.0	1.834	0.0	0.0	2.12	0.0

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