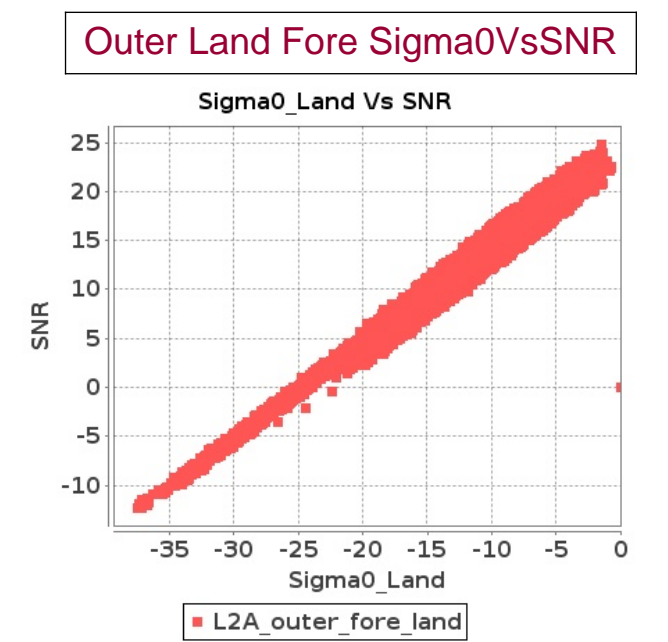
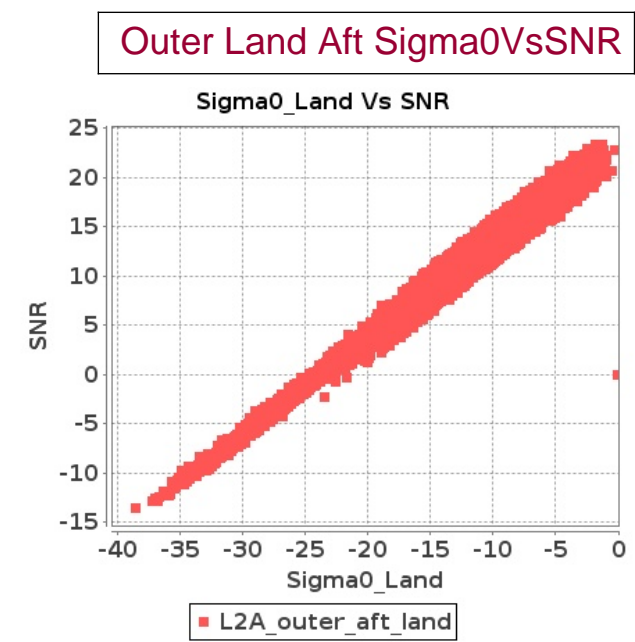
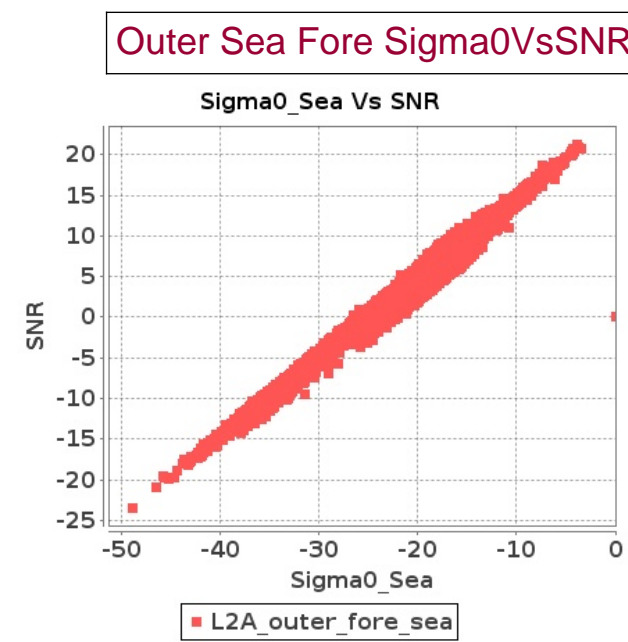
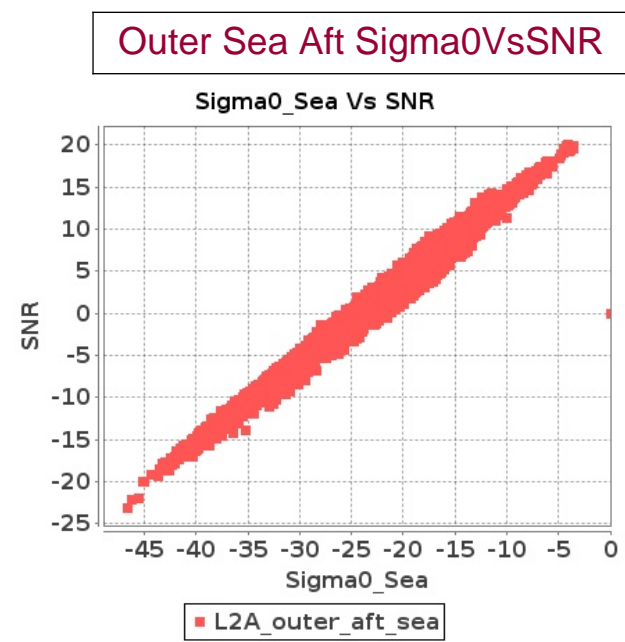
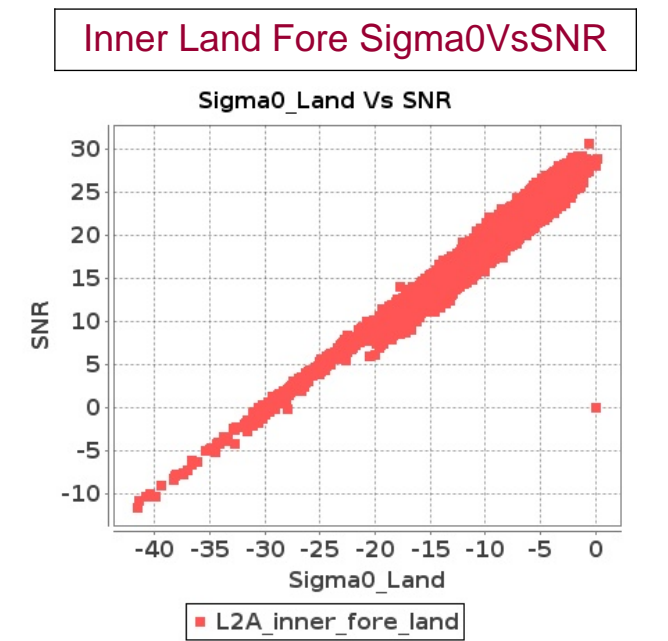
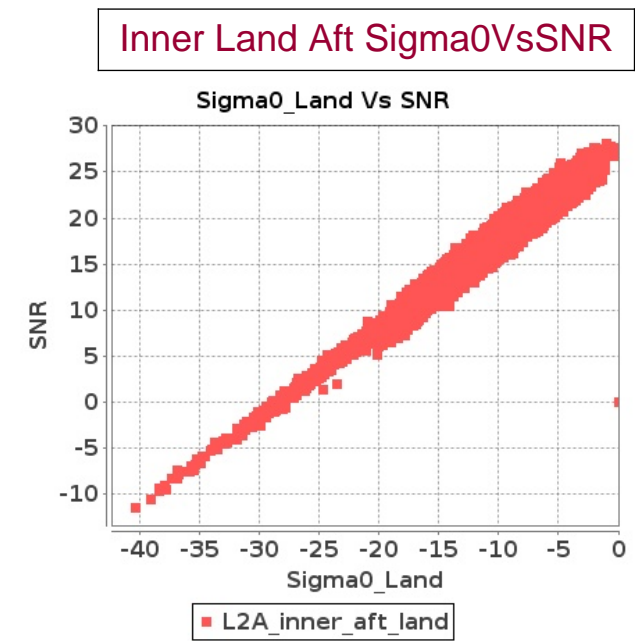
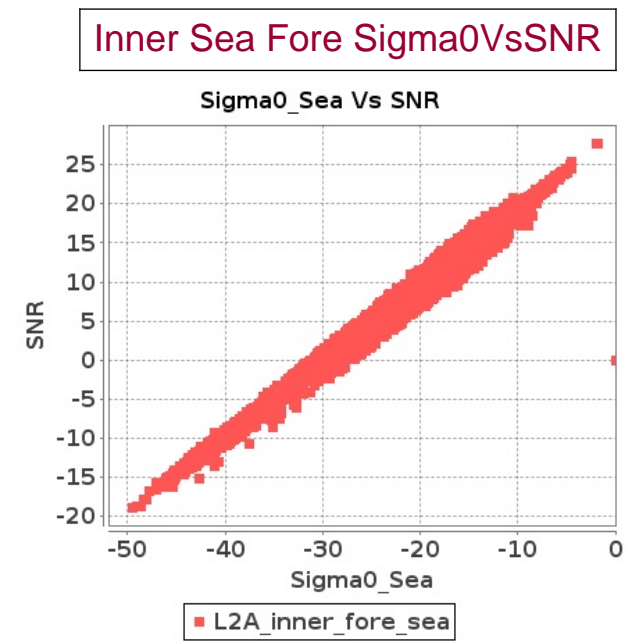
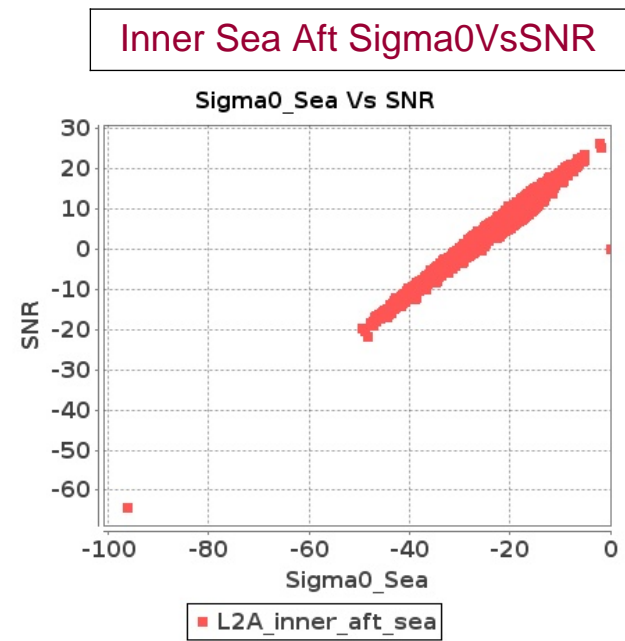


# SCATSAT-1 Scatterometer Level-2A Data Quality Cycle wise Report

Report between 18-JUL-2017 To 19-JUL-2017



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

Report between 18-JUL-2017 To 19-JUL-2017

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	4274	4275	SN	1	0.0	48.395	1.673	0.0	50.449	1.386	0.0	37.945	1.137	0.0	42.595	1.001	0.0	48.94	1.299	0.0	47.445	1.113	0.0	36.551	0.884	0.0	43.471	0.805
2	4274	4275	SN	1	0.0	47.454	5.206	0.0	50.38	4.716	0.0	42.66	3.8	0.0	49.328	3.28	0.0	47.021	4.554	0.0	52.596	3.99	0.0	43.835	3.183	0.0	46.619	2.923
3	4274	4275	SN	1	0.0	47.293	1.684	0.0	41.822	1.413	0.0	35.768	1.149	0.0	40.2	1.006	0.0	47.624	1.268	0.0	41.275	1.135	0.0	38.28	0.914	0.0	42.152	0.8
4	4274	4275	SN	1	0.0	53.242	5.186	0.0	50.65	4.636	0.0	45.703	3.758	0.0	44.827	3.173	0.0	51.462	4.504	0.0	52.85	3.991	0.0	44.231	3.049	0.0	43.802	2.83
5	4275	4276	SN	1	0.0	51.339	4.523	0.0	55.61	4.177	0.0	45.64	3.183	0.0	43.41	3.17	0.0	53.261	3.66	0.0	55.295	3.433	0.0	47.095	2.751	0.0	42.761	2.853
6	4275	4276	SN	1	0.0	51.339	4.596	0.0	55.61	4.193	0.0	45.64	3.242	0.0	43.41	3.191	0.0	53.261	3.73	0.0	55.295	3.447	0.0	47.095	2.802	0.0	42.761	2.865
7	4275	4276	NS	1	0.0	49.199	6.606	0.0	50.525	5.446	0.0	46.031	4.504	0.0	50.007	4.352	0.0	50.252	6.104	0.0	51.433	4.963	0.0	47.229	4.055	0.0	48.936	3.881
8	4275	4276	SN	1	0.0	43.446	1.382	0.0	49.88	1.401	0.0	44.167	1.063	0.0	44.343	1.011	0.0	43.738	1.162	0.0	50.103	1.181	0.0	41.542	0.888	0.0	43.896	0.812
9	4275	4276	NS	1	0.0	47.895	1.787	0.0	47.748	1.424	0.0	42.368	1.326	0.0	49.99	1.3	0.0	46.67	1.568	0.0	48.466	1.291	0.0	43.443	1.165	0.0	50.428	1.103
10	4275	4276	SN	1	0.0	43.446	1.407	0.0	49.88	1.405	0.0	44.167	1.077	0.0	44.343	1.016	0.0	43.738	1.185	0.0	50.103	1.187	0.0	41.542	0.9	0.0	43.896	0.815
11	4275	4276	SN	1	0.0	43.446	1.382	0.0	49.88	1.385	0.0	44.167	1.063	0.0	44.343	1.0	0.0	43.738	1.162	0.0	50.103	1.168	0.0	41.542	0.888	0.0	43.896	0.803
12	4275	4276	SN	1	0.0	51.339	4.522	0.0	55.61	4.131	0.0	45.64	3.183	0.0	43.41	3.141	0.0	53.261	3.66	0.0	55.295	3.395	0.0	47.095	2.751	0.0	42.761	2.821
13	4276	4277	NS	1	0.0	42.807	1.045	0.0	38.725	0.646	0.0	37.628	0.798	0.0	37.728	0.701	0.0	42.163	0.871	0.0	34.593	0.522	0.0	36.386	0.684	0.0	36.282	0.57
14	4276	4277	SN	1	0.0	48.616	2.437	0.0	47.341	2.028	0.0	38.94	1.679	0.0	42.733	1.887	0.0	45.555	2.334	0.0	45.137	1.961	0.0	35.839	1.635	0.0	40.591	1.763
15	4276	4277	NS	1	0.0	51.784	2.955	0.0	43.149	2.129	0.0	39.736	2.294	0.0	42.887	2.243	0.0	48.415	2.593	0.0	40.083	1.857	0.0	37.148	2.095	0.0	41.084	1.972
16	4276	4277	SN	1	0.0	45.604	2.417	0.0	46.789	2.047	0.0	39.303	1.73	0.0	39.393	1.855	0.0	42.337	2.349	0.0	44.581	1.955	0.0	36.023	1.66	0.0	39.542	1.725
17	4276	4277	SN	1	0.0	48.616	2.47	0.0	47.341	2.028	0.0	38.94	1.705	0.0	42.733	1.876	0.0	45.555	2.365	0.0	45.137	1.962	0.0	35.839	1.659	0.0	40.591	1.756
18	4276	4277	SN	1	0.0	50.746	6.998	0.0	42.679	6.101	0.0	46.252	5.293	0.0	42.077	5.3	0.0	52.46	7.13	0.0	43.874	6.152	0.0	42.581	5.264	0.0	44.158	5.162
19	4276	4277	NS	1	0.0	50.087	2.975	0.0	48.76	2.088	0.0	39.838	2.315	0.0	42.577	2.228	0.0	46.718	2.583	0.0	45.692	1.827	0.0	37.62	2.123	0.0	41.244	1.951
20	4276	4277	SN	1	0.0	48.978	7.039	0.0	42.674	6.122	0.0	43.5	5.243	0.0	41.817	5.321	0.0	50.694	7.131	0.0	43.869	6.101	0.0	39.83	5.228	0.0	43.895	5.227
21	4276	4277	SN	1	0.0	48.978	6.968	0.0	42.674	6.125	0.0	43.5	5.173	0.0	41.817	5.339	0.0	50.694	7.048	0.0	43.869	6.104	0.0	39.83	5.159	0.0	43.895	5.239
22	4276	4277	NS	1	0.0	41.105	1.047	0.0	42.939	0.651	0.0	39.532	0.759	0.0	39.687	0.705	0.0	40.447	0.873	0.0	43.526	0.531	0.0	36.945	0.683	0.0	37.601	0.566
23	4277	4278	SN	1	0.0	41.449	2.984	0.0	44.727	2.383	0.0	38.619	2.294	0.0	38.216	2.036	0.0	40.393	2.712	0.0	43.55	2.154	0.0	38.384	2.112	0.0	39.186	1.853
24	4277	4278	SN	1	0.0	41.449	2.984	0.0	44.727	2.409	0.0	38.619	2.293	0.0	38.216	2.059	0.0	40.393	2.71	0.0	43.55	2.179	0.0	38.384	2.111	0.0	39.186	1.874
25	4277	4278	NS	1	0.0	50.862	1.934	0.0	49.807	1.394	0.0	43.373	1.216	0.0	41.452	1.322	0.0	51.748	1.613	0.0	46.511	1.286	0.0	42.057	1.061	0.0	39.902	1.136
26	4277	4278	SN	1	0.0	48.856	8.581	0.0	46.537	6.851	0.0	41.296	6.569	0.0	43.577	5.837	0.0	46.61	8.29	0.0	50.841	6.509	0.0	38.707	6.463	0.0	43.901	5.759
27	4277	4278	SN	1	0.0	41.865	8.668	0.0	46.537	6.85	0.0	41.296	6.642	0.0	43.577	5.922	0.0	41.513	8.382	0.0	50.841	6.563	0.0	38.707	6.541	0.0	43.901	5.835
28	4277	4278	SN	1	0.0	41.449	3.014	0.0	44.727	2.4	0.0	38.619	2.322	0.0	38.216	2.064	0.0	40.393	2.744	0.0	43.55	2.173	0.0	38.384	2.151	0.0	39.186	1.874
29	4277	4278	SN	1	0.0	48.848	8.581	0.0	46.537	6.929	0.0	41.296	6.569	0.0	43.577	5.894	0.0	46.61	8.291	0.0	50.841	6.582	0.0	38.707	6.463	0.0	43.901	5.815
30	4277	4278	NS	1	0.0	44.744	5.328	0.0	53.664	3.655	0.0	39.308	3.748	0.0	47.01	4.087	0.0	42.977	4.514	0.0	53.933	3.273	0.0	39.963	3.434	0.0	43.521	3.524
31	4278	4279	SN	1	0.0	44.366	6.015	0.0	47.985	5.279	0.0	41.628	5.046	0.0	45.146	4.597	0.0	43.487	5.694	0.0	49.527	4.947	0.0	39.329	4.918	0.0	41.884	4.633

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

32	4278	4279	NS	1	0.0	49.167	5.589	0.0	50.251	5.423	0.0	42.646	3.917	0.0	45.918	3.626	0.0	51.888	5.157	0.0	51.414	5.102	0.0	43.65	3.674	0.0	45.76	3.405
33	4278	4279	NS	1	0.0	46.498	5.73	0.0	56.54	5.23	0.0	46.74	3.911	0.0	45.494	3.631	0.0	50.472	5.358	0.0	56.268	4.859	0.0	45.789	3.712	0.0	43.511	3.424
34	4278	4279	SN	1	0.0	44.366	6.016	0.0	47.985	5.339	0.0	41.628	5.046	0.0	45.146	4.647	0.0	43.487	5.705	0.0	49.527	5.003	0.0	39.329	4.918	0.0	41.884	4.683
35	4278	4279	SN	1	0.0	44.366	6.015	0.0	47.985	5.279	0.0	41.628	5.046	0.0	45.146	4.597	0.0	43.487	5.694	0.0	49.527	4.947	0.0	39.329	4.918	0.0	41.884	4.633
36	4278	4279	NS	1	0.0	50.455	1.721	0.0	52.726	1.562	0.0	45.12	0.997	0.0	42.196	0.99	0.0	49.3	1.64	0.0	48.333	1.505	0.0	44.335	0.916	0.0	40.859	0.875
37	4278	4279	NS	1	0.0	52.856	1.682	0.0	51.176	1.562	0.0	40.409	1.029	0.0	44.079	0.996	0.0	49.77	1.574	0.0	48.828	1.458	0.0	40.717	0.967	0.0	42.82	0.939
38	4278	4279	SN	1	0.0	40.292	2.156	0.0	42.397	1.769	0.0	41.71	1.823	0.0	38.393	1.685	0.0	41.419	1.947	0.0	41.804	1.74	0.0	43.484	1.649	0.0	38.091	1.574
39	4278	4279	SN	1	0.0	40.292	2.156	0.0	42.397	1.752	0.0	41.71	1.823	0.0	38.393	1.666	0.0	41.419	1.947	0.0	41.804	1.72	0.0	43.484	1.649	0.0	38.091	1.556
40	4278	4279	SN	1	0.0	40.292	2.156	0.0	42.397	1.752	0.0	41.71	1.823	0.0	38.393	1.666	0.0	41.419	1.947	0.0	41.804	1.72	0.0	43.484	1.649	0.0	38.091	1.556
41	4279	4280	SN	1	0.0	49.024	8.513	0.0	52.821	7.866	0.0	45.635	6.357	0.0	44.65	6.564	0.0	49.271	7.931	0.0	50.478	7.071	0.0	42.665	6.13	0.0	46.327	6.261
42	4279	4280	SN	1	0.0	49.024	8.512	0.0	52.821	7.779	0.0	45.635	6.357	0.0	44.65	6.492	0.0	49.271	7.931	0.0	50.478	6.993	0.0	42.665	6.13	0.0	46.327	6.193
43	4279	4280	SN	1	0.0	46.243	2.894	0.0	48.734	2.448	0.0	39.776	2.24	0.0	42.775	2.334	0.0	44.11	2.573	0.0	49.035	2.161	0.0	36.698	2.084	0.0	38.976	2.13
44	4279	4280	SN	1	0.0	49.024	8.485	0.0	52.821	7.716	0.0	45.635	6.395	0.0	44.65	6.466	0.0	49.271	7.901	0.0	50.478	6.969	0.0	42.665	6.161	0.0	46.327	6.166
45	4279	4280	NS	1	0.0	51.766	7.93	0.0	55.794	6.929	0.0	42.606	5.597	0.0	47.105	5.449	0.0	51.952	7.358	0.0	53.836	6.367	0.0	41.102	5.306	0.0	46.697	5.057
46	4279	4280	NS	1	0.0	51.766	7.93	0.0	55.794	6.929	0.0	42.606	5.597	0.0	47.105	5.449	0.0	51.952	7.358	0.0	53.836	6.367	0.0	41.102	5.306	0.0	46.697	5.057
47	4279	4280	SN	1	0.0	46.243	2.89	0.0	48.734	2.448	0.0	39.776	2.249	0.0	42.775	2.33	0.0	44.11	2.576	0.0	49.035	2.158	0.0	36.698	2.093	0.0	38.976	2.125
48	4279	4280	NS	1	0.0	49.204	2.496	0.0	52.508	2.055	0.0	42.798	1.652	0.0	41.173	1.483	0.0	47.781	2.209	0.0	52.148	1.899	0.0	42.628	1.592	0.0	41.641	1.385
49	4279	4280	NS	1	0.0	49.204	2.496	0.0	52.508	2.055	0.0	42.798	1.652	0.0	41.173	1.483	0.0	47.781	2.209	0.0	52.148	1.899	0.0	42.628	1.592	0.0	41.641	1.385
50	4279	4280	SN	1	0.0	46.243	2.894	0.0	48.734	2.476	0.0	39.776	2.24	0.0	42.775	2.359	0.0	44.11	2.573	0.0	49.035	2.185	0.0	36.698	2.084	0.0	38.976	2.154
51	4280	4281	SN	1	0.0	50.341	14.243	0.0	52.945	14.099	0.0	44.417	9.152	0.0	43.011	9.282	0.0	54.326	13.651	0.0	50.823	13.294	0.0	45.168	8.89	0.0	47.035	8.814
52	4280	4281	NS	1	0.0	51.274	7.784	0.0	48.881	6.066	0.0	44.823	5.123	0.0	42.679	4.865	0.0	48.904	7.1	0.0	49.165	5.524	0.0	41.089	4.653	0.0	42.369	4.423
53	4280	4281	SN	1	0.0	50.341	14.23	0.0	52.945	13.947	0.0	44.417	9.152	0.0	43.011	9.181	0.0	54.326	13.639	0.0	50.823	13.141	0.0	45.168	8.89	0.0	47.035	8.718
54	4280	4281	NS	1	0.0	51.274	7.784	0.0	48.881	6.066	0.0	44.823	5.123	0.0	42.679	4.865	0.0	48.904	7.1	0.0	49.165	5.524	0.0	41.089	4.653	0.0	42.369	4.423
55	4280	4281	SN	1	0.0	47.363	4.382	0.0	46.704	4.235	0.0	44.175	2.866	0.0	41.192	2.914	0.0	48.779	4.072	0.0	45.107	3.777	0.0	46.684	2.763	0.0	39.541	2.763
56	4280	4281	NS	1	0.0	47.296	2.253	0.0	42.482	1.833	0.0	36.296	1.579	0.0	42.225	1.486	0.0	49.658	1.871	0.0	44.964	1.539	0.0	35.795	1.36	0.0	43.427	1.218
57	4280	4281	NS	1	0.0	47.296	2.253	0.0	42.482	1.833	0.0	36.296	1.579	0.0	42.225	1.486	0.0	49.658	1.871	0.0	44.964	1.539	0.0	35.795	1.36	0.0	43.427	1.218
58	4280	4281	SN	1	0.0	47.363	4.363	0.0	46.704	4.296	0.0	44.175	2.843	0.0	41.192	2.956	0.0	48.779	4.055	0.0	45.107	3.841	0.0	46.684	2.743	0.0	39.541	2.807
59	4280	4281	SN	1	0.0	50.341	14.169	0.0	52.945	13.658	0.0	44.417	9.18	0.0	43.011	9.14	0.0	54.326	13.612	0.0	50.823	12.798	0.0	45.168	8.911	0.0	47.035	8.648
60	4280	4281	SN	1	0.0	47.363	4.363	0.0	46.704	4.251	0.0	44.175	2.843	0.0	41.192	2.923	0.0	48.779	4.055	0.0	45.107	3.803	0.0	46.684	2.743	0.0	39.541	2.775
61	4281	4282	NS	1	0.0	42.14	5.107	0.0	46.439	4.15	0.0	41.197	4.073	0.0	45.143	3.662	0.0	44.479	4.453	0.0	44.655	3.527	0.0	40.266	3.611	0.0	46.246	3.32
62	4281	4282	NS	1	0.0	40.904	1.642	0.0	39.883	1.253	0.0	41.735	1.418	0.0	38.109	1.178	0.0	38.185	1.309	0.0	39.149	1.067	0.0	41.026	1.193	0.0	37.083	1.041
63	4281	4282	SN	1	0.0	45.558	3.415	0.0	49.659	3.503	0.0	46.22	1.969	0.0	44.308	2.079	0.0	50.64	3.064	0.0	46.927	3.167	0.0	41.597	1.821	0.0	41.18	1.912
64	4281	4282	SN	1	0.0	45.558	3.415	0.0	49.659	3.462	0.0	46.22	1.968	0.0	44.308	2.065	0.0	50.64	3.066	0.0	46.927	3.127	0.0	41.597	1.817	0.0	41.18	1.892
65	4281	4282	SN	1	0.0	53.115	9.692	0.0	52.038	9.42	0.0	47.402	6.977	0.0	51.337	7.239	0.0	54.954	9.276	0.0	49.603	8.836	0.0	46.775	6.504	0.0	50.648	6.474
66	4281	4282	SN	1	0.0	53.115	10.339	0.0	52.038	10.458	0.0	47.402	7.152	0.0	51.337	7.704	0.0	54.954	10.008	0.0	49.603	10.019	0.0	46.775	6.67	0.0	50.648	7.063
67	4281	4282	NS	1	0.0	46.871	1.724	0.0	47.883	1.234	0.0	44.069	1.376	0.0	41.876	1.278	0.0	44.301	1.455	0.0	45.409	1.076	0.0	39.879	1.193	0.0	41.683	1.127

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

68	4281	4282	SN	1	0.0	53.115	10.347	0.0	52.773	10.349	0.0	47.402	7.152	0.0	51.337	7.613	0.0	54.954	10.006	0.0	50.724	9.895	0.0	46.775	6.67	0.0	50.648	6.993
69	4281	4282	NS	1	0.0	45.641	5.41	0.0	39.923	4.339	0.0	44.874	4.161	0.0	50.302	3.639	0.0	42.646	4.596	0.0	43.673	3.776	0.0	43.252	3.627	0.0	48.771	3.205
70	4281	4282	SN	1	0.0	41.735	3.334	0.0	49.659	3.294	0.0	46.22	1.897	0.0	44.308	1.918	0.0	44.068	2.921	0.0	46.927	2.958	0.0	41.597	1.716	0.0	41.18	1.693
71	4282	4283	NS	1	0.0	48.526	2.659	0.0	48.09	2.076	0.0	42.252	1.707	0.0	43.98	1.803	0.0	53.389	2.444	0.0	43.466	1.859	0.0	40.775	1.643	0.0	44.267	1.664
72	4282	4283	SN	1	0.0	46.6	5.627	0.0	52.448	5.796	0.0	42.498	3.807	0.0	44.953	3.979	0.0	47.5	5.196	0.0	52.816	5.373	0.0	45.687	3.516	0.0	44.503	3.772
73	4282	4283	NS	1	0.0	54.02	8.456	0.0	50.763	6.712	0.0	45.013	5.403	0.0	48.619	5.229	0.0	52.863	8.043	0.0	50.87	6.26	0.0	42.477	5.51	0.0	45.595	4.894
74	4282	4283	NS	1	0.0	54.02	8.456	0.0	50.763	6.712	0.0	45.013	5.403	0.0	48.619	5.229	0.0	52.863	8.043	0.0	50.87	6.26	0.0	42.477	5.51	0.0	45.595	4.894
75	4282	4283	NS	1	0.0	48.526	2.659	0.0	48.09	2.076	0.0	42.252	1.707	0.0	43.98	1.803	0.0	53.389	2.444	0.0	43.466	1.859	0.0	40.775	1.643	0.0	44.267	1.664
76	4282	4283	SN	1	0.0	49.53	1.673	0.0	47.623	1.988	0.0	38.952	0.999	0.0	39.138	1.139	0.0	44.901	1.531	0.0	46.331	1.825	0.0	40.756	0.852	0.0	38.0	1.038
77	4283	4284	NS	1	0.0	51.722	9.032	0.0	52.833	7.207	0.0	45.052	6.292	0.0	44.091	5.851	0.0	55.133	8.419	0.0	53.777	6.775	0.0	43.283	5.679	0.0	43.519	5.395
78	4283	4284	SN	1	0.0	47.355	5.186	0.0	52.855	5.514	0.0	44.602	3.828	0.0	43.577	4.029	0.0	48.564	4.744	0.0	49.888	5.151	0.0	40.6	3.623	0.0	42.883	3.893
79	4283	4284	NS	1	0.0	46.787	3.081	0.0	46.724	2.445	0.0	40.128	1.913	0.0	42.542	1.821	0.0	46.975	2.66	0.0	50.418	2.165	0.0	40.829	1.753	0.0	39.374	1.556
80	4283	4284	NS	1	0.0	46.787	3.081	0.0	46.724	2.445	0.0	40.128	1.913	0.0	42.542	1.821	0.0	46.975	2.66	0.0	50.418	2.165	0.0	40.829	1.753	0.0	39.374	1.556
81	4283	4284	SN	1	0.0	43.146	1.635	0.0	40.957	1.653	0.0	37.603	1.21	0.0	46.362	1.234	0.0	42.411	1.45	0.0	42.028	1.536	0.0	38.306	1.054	0.0	43.28	1.145
82	4283	4284	NS	1	0.0	51.722	9.032	0.0	52.833	7.207	0.0	45.052	6.292	0.0	44.091	5.851	0.0	55.133	8.419	0.0	53.777	6.775	0.0	43.283	5.679	0.0	43.519	5.395
83	4284	4285	NS	1	0.0	50.776	5.491	0.0	50.893	5.036	0.0	48.336	4.197	0.0	45.029	3.991	0.0	52.166	5.059	0.0	51.527	4.614	0.0	45.768	4.311	0.0	44.451	3.899
84	4284	4285	SN	1	0.0	46.292	1.857	0.0	46.939	1.698	0.0	45.864	1.531	0.0	41.172	1.465	0.0	46.364	1.56	0.0	47.542	1.472	0.0	44.783	1.348	0.0	37.075	1.312
85	4284	4285	SN	1	0.0	49.001	6.289	0.0	55.205	5.694	0.0	46.183	5.098	0.0	45.46	5.169	0.0	50.69	5.486	0.0	53.669	5.241	0.0	47.831	4.708	0.0	47.692	4.642
86	4284	4285	NS	1	0.0	41.928	1.805	0.0	54.881	1.559	0.0	42.753	1.458	0.0	40.207	1.416	0.0	43.514	1.617	0.0	53.601	1.464	0.0	40.798	1.378	0.0	40.063	1.375
87	4285	4286	SN	1	0.0	46.025	1.977	0.0	46.325	1.934	0.0	42.597	1.358	0.0	40.012	1.297	0.0	42.759	1.77	0.0	45.393	1.732	0.0	40.709	1.194	0.0	37.578	1.249
88	4285	4286	NS	1	0.0	40.896	1.518	0.0	43.743	1.328	0.0	38.007	1.072	0.0	37.594	1.057	0.0	38.599	1.192	0.0	42.579	1.079	0.0	36.85	0.91	0.0	34.724	0.897
89	4285	4286	NS	1	0.0	52.383	3.922	0.0	48.316	3.357	0.0	43.468	3.142	0.0	40.408	3.05	0.0	52.881	3.268	0.0	48.291	2.885	0.0	40.696	2.629	0.0	40.351	2.765
90	4285	4286	SN	1	0.0	54.314	6.44	0.0	55.022	5.634	0.0	44.482	4.998	0.0	51.119	4.606	0.0	53.81	5.828	0.0	52.337	5.1	0.0	45.388	4.523	0.0	46.469	4.256
91	4285	4286	NS	1	0.0	52.383	3.978	0.0	48.316	3.411	0.0	43.468	3.187	0.0	40.408	3.098	0.0	52.881	3.313	0.0	48.291	2.931	0.0	40.696	2.673	0.0	40.351	2.809
92	4285	4286	NS	1	0.0	40.896	1.543	0.0	43.743	1.346	0.0	38.007	1.09	0.0	37.594	1.074	0.0	38.599	1.212	0.0	42.579	1.096	0.0	36.85	0.925	0.0	34.724	0.911
93	4286	4287	NS	1	0.0	44.86	6.208	0.0	43.188	5.229	0.0	44.926	5.535	0.0	43.266	5.165	0.0	43.212	5.579	0.0	44.998	4.972	0.0	42.911	5.002	0.0	45.781	4.56
94	4286	4287	SN	1	0.0	45.395	4.251	0.0	53.178	3.586	0.0	44.889	4.147	0.0	44.549	3.911	0.0	49.406	3.429	0.0	55.946	2.992	0.0	44.851	3.672	0.0	41.748	3.277
95	4286	4287	NS	1	0.0	51.336	2.207	0.0	52.497	1.761	0.0	43.418	1.808	0.0	43.016	1.628	0.0	49.106	1.869	0.0	54.721	1.583	0.0	40.876	1.607	0.0	42.833	1.475
96	4286	4287	NS	1	0.0	51.336	2.154	0.0	52.497	1.726	0.0	43.418	1.764	0.0	43.016	1.59	0.0	49.106	1.823	0.0	54.721	1.549	0.0	40.876	1.566	0.0	42.833	1.441
97	4286	4287	NS	1	0.0	44.86	6.053	0.0	43.188	5.126	0.0	44.926	5.401	0.0	43.266	5.046	0.0	43.212	5.44	0.0	44.998	4.875	0.0	42.911	4.881	0.0	45.781	4.454
98	4286	4287	SN	1	0.0	42.733	1.461	0.0	41.413	1.453	0.0	48.896	1.333	0.0	44.894	1.163	0.0	39.385	1.053	0.0	40.707	1.15	0.0	48.207	1.144	0.0	41.159	0.94
99	4287	4288	NS	1	0.0	43.638	8.546	0.0	52.052	7.462	0.0	42.348	5.901	0.0	42.71	6.273	0.0	45.846	7.759	0.0	49.676	6.975	0.0	41.843	5.674	0.0	39.264	5.898
100	4287	4288	NS	1	0.0	44.47	2.795	0.0	40.604	2.55	0.0	42.519	1.978	0.0	45.292	2.142	0.0	42.649	2.33	0.0	41.761	2.158	0.0	40.181	1.692	0.0	46.0	1.847
101	4289	4290	SN	1	0.0	50.381	7.491	0.0	49.987	7.164	0.0	46.89	4.408	0.0	48.963	4.878	0.0	49.224	6.659	0.0	49.747	6.532	0.0	45.356	3.855	0.0	47.145	4.1
102	4289	4290	SN	1	0.0	50.381	7.663	0.0	49.987	7.247	0.0	46.89	4.517	0.0	48.963	4.939	0.0	49.224	6.81	0.0	49.747	6.608	0.0	45.356	3.95	0.0	47.145	4.151
103	4289	4290	SN	1	0.0	52.47	2.392	0.0	49.982	2.17	0.0	39.888	1.181	0.0	43.33	1.228	0.0	48.396	2.023	0.0	45.785	1.956	0.0	37.23	1.016	0.0	42.251	1.041

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		



104	4289	4290	SN	1	0.0	52.47	2.453	0.0	49.982	2.221	0.0	39.888	1.206	0.0	43.33	1.253	0.0	48.396	2.073	0.0	45.785	2.001	0.0	37.23	1.036	0.0	42.251	1.064
105	4289	4290	NS	1	0.0	58.133	12.296	0.0	54.241	11.681	0.0	47.835	7.63	0.0	51.196	7.484	0.0	58.617	11.693	0.0	53.962	10.868	0.0	48.577	7.174	0.0	48.655	7.064
106	4289	4290	NS	1	0.0	49.417	3.784	0.0	56.824	3.318	0.0	48.143	2.24	0.0	48.229	2.196	0.0	50.482	3.377	0.0	56.923	2.927	0.0	46.236	2.06	0.0	45.752	1.889
107	4289	4290	SN	1	0.0	52.47	2.392	0.0	49.982	2.195	0.0	39.888	1.181	0.0	43.33	1.241	0.0	48.396	2.023	0.0	45.785	1.977	0.0	37.23	1.016	0.0	42.251	1.053
108	4289	4290	SN	1	0.0	50.381	7.489	0.0	49.987	7.084	0.0	46.89	4.408	0.0	48.963	4.832	0.0	49.224	6.657	0.0	49.747	6.459	0.0	45.356	3.855	0.0	47.145	4.062
109	4290	4291	SN	1	0.0	49.837	6.226	0.0	55.041	5.453	0.0	37.671	4.655	0.0	47.208	4.193	0.0	48.574	5.925	0.0	57.683	5.32	0.0	38.44	4.336	0.0	45.396	4.193
110	4290	4291	NS	1	0.0	49.178	1.454	0.0	49.823	1.16	0.0	45.63	0.938	0.0	42.426	0.911	0.0	50.274	1.246	0.0	45.762	1.029	0.0	45.213	0.799	0.0	42.704	0.794
111	4290	4291	NS	1	0.0	49.14	4.464	0.0	53.941	3.866	0.0	45.657	2.693	0.0	52.357	3.012	0.0	49.97	3.941	0.0	57.704	3.605	0.0	46.348	2.501	0.0	49.465	2.627
112	4290	4291	SN	1	0.0	46.588	1.949	0.0	42.021	1.733	0.0	45.692	1.34	0.0	37.983	1.403	0.0	44.401	1.8	0.0	43.529	1.516	0.0	43.749	1.209	0.0	37.224	1.258
113	4290	4291	SN	1	0.0	46.588	1.974	0.0	42.021	1.733	0.0	45.692	1.356	0.0	37.983	1.404	0.0	44.401	1.824	0.0	43.529	1.518	0.0	43.749	1.22	0.0	37.224	1.262
114	4290	4291	SN	1	0.0	46.588	1.974	0.0	42.021	1.733	0.0	45.692	1.356	0.0	37.983	1.404	0.0	44.401	1.824	0.0	43.529	1.518	0.0	43.749	1.22	0.0	37.224	1.262
115	4290	4291	NS	1	0.0	46.227	1.366	0.0	50.124	1.171	0.0	46.647	0.908	0.0	43.881	0.916	0.0	47.157	1.212	0.0	46.173	1.078	0.0	43.764	0.796	0.0	40.335	0.788
116	4290	4291	SN	1	0.0	46.588	1.974	0.0	42.021	1.733	0.0	45.692	1.352	0.0	37.983	1.401	0.0	44.401	1.824	0.0	43.529	1.516	0.0	43.749	1.223	0.0	37.224	1.256
117	4290	4291	SN	1	0.0	49.837	6.307	0.0	55.041	5.453	0.0	37.671	4.711	0.0	47.208	4.193	0.0	48.574	6.002	0.0	57.683	5.32	0.0	38.44	4.395	0.0	45.396	4.193
118	4290	4291	NS	1	0.0	52.377	4.423	0.0	57.4	4.15	0.0	51.176	2.898	0.0	52.453	3.134	0.0	51.514	4.061	0.0	59.617	3.657	0.0	51.177	2.656	0.0	49.671	2.892
119	4290	4291	SN	1	0.0	49.837	6.308	0.0	55.041	5.459	0.0	37.671	4.711	0.0	47.208	4.202	0.0	48.574	6.003	0.0	57.683	5.327	0.0	38.44	4.395	0.0	45.396	4.202
120	4290	4291	SN	1	0.0	49.837	6.308	0.0	55.041	5.459	0.0	37.671	4.711	0.0	47.208	4.202	0.0	48.574	6.003	0.0	57.683	5.327	0.0	38.44	4.395	0.0	45.396	4.202
121	4291	4292	SN	1	0.0	48.101	2.861	0.0	42.241	2.295	0.0	39.701	2.276	0.0	39.715	2.272	0.0	48.325	2.741	0.0	39.973	2.215	0.0	39.279	2.259	0.0	43.15	2.155
122	4291	4292	NS	1	0.0	46.665	4.202	0.0	45.098	3.249	0.0	42.453	3.441	0.0	41.016	3.342	0.0	46.105	3.649	0.0	44.574	2.755	0.0	41.016	2.907	0.0	42.968	2.805
123	4291	4292	NS	1	0.0	46.665	4.202	0.0	45.098	3.293	0.0	42.453	3.441	0.0	41.016	3.332	0.0	46.105	3.649	0.0	44.574	2.771	0.0	41.016	2.907	0.0	42.968	2.798
124	4291	4292	SN	1	0.0	48.101	2.86	0.0	42.241	2.32	0.0	39.701	2.273	0.0	39.715	2.298	0.0	48.325	2.739	0.0	39.973	2.24	0.0	39.279	2.257	0.0	43.15	2.179
125	4291	4292	SN	1	0.0	51.622	7.786	0.0	51.882	6.261	0.0	48.59	6.52	0.0	45.542	6.312	0.0	48.977	7.613	0.0	53.114	5.974	0.0	45.566	6.657	0.0	44.556	6.413
126	4291	4292	NS	1	0.0	40.977	1.341	0.0	52.566	1.088	0.0	36.461	1.127	0.0	43.585	1.072	0.0	39.515	1.12	0.0	52.524	0.888	0.0	37.175	0.96	0.0	41.277	0.892
127	4291	4292	SN	1	0.0	51.975	7.722	0.0	51.882	6.4	0.0	48.59	6.47	0.0	45.542	6.348	0.0	49.33	7.531	0.0	53.114	6.084	0.0	45.566	6.619	0.0	44.556	6.434
128	4291	4292	SN	1	0.0	45.165	2.89	0.0	42.241	2.274	0.0	39.701	2.292	0.0	39.715	2.287	0.0	46.496	2.772	0.0	39.973	2.194	0.0	39.279	2.27	0.0	43.15	2.18
129	4291	4292	SN	1	0.0	51.975	7.721	0.0	51.882	6.329	0.0	48.59	6.47	0.0	45.542	6.286	0.0	49.33	7.54	0.0	53.114	6.016	0.0	45.566	6.619	0.0	44.556	6.364
130	4291	4292	NS	1	0.0	40.977	1.341	0.0	52.566	1.087	0.0	36.461	1.127	0.0	43.585	1.069	0.0	39.515	1.12	0.0	52.524	0.888	0.0	37.175	0.96	0.0	41.277	0.888
131	4292	4293	SN	1	0.0	40.81	7.432	0.0	51.978	5.664	0.0	45.606	4.799	0.0	41.653	5.032	0.0	41.863	6.72	0.0	50.77	5.291	0.0	43.828	4.692	0.0	40.34	4.64
132	4292	4293	NS	1	0.0	53.073	6.888	0.0	47.191	5.986	0.0	46.477	4.418	0.0	41.62	4.267	0.0	51.695	6.325	0.0	45.775	5.494	0.0	43.236	4.005	0.0	41.702	3.975
133	4292	4293	SN	1	0.0	42.216	2.282	0.0	45.675	1.988	0.0	39.184	1.683	0.0	41.153	1.656	0.0	42.597	2.033	0.0	48.503	1.768	0.0	38.298	1.568	0.0	42.097	1.416
134	4292	4293	SN	1	0.0	41.594	7.412	0.0	46.716	5.643	0.0	46.118	4.898	0.0	42.71	4.975	0.0	41.871	6.7	0.0	46.789	5.2	0.0	44.336	4.756	0.0	42.783	4.669
135	4292	4293	NS	1	0.0	47.801	1.982	0.0	54.792	1.711	0.0	39.475	1.167	0.0	42.383	1.097	0.0	49.373	1.731	0.0	55.069	1.537	0.0	39.55	1.072	0.0	40.385	1.041
136	4292	4293	NS	1	0.0	48.056	1.964	0.0	52.737	1.716	0.0	46.017	1.174	0.0	41.99	1.144	0.0	49.737	1.72	0.0	53.014	1.542	0.0	42.448	1.095	0.0	41.914	1.044
137	4292	4293	NS	1	0.0	53.961	6.898	0.0	50.513	5.996	0.0	44.484	4.482	0.0	42.293	4.288	0.0	52.032	6.305	0.0	50.085	5.524	0.0	42.393	4.097	0.0	41.777	3.982
138	4292	4293	SN	1	0.0	41.588	2.321	0.0	46.407	1.979	0.0	39.029	1.674	0.0	42.928	1.638	0.0	42.49	2.046	0.0	49.237	1.793	0.0	36.806	1.568	0.0	39.66	1.413
139	4293	4294	NS	1	0.0	54.643	5.84	0.0	51.08	5.657	0.0	45.776	4.417	0.0	46.447	4.617	0.0	50.915	5.508	0.0	51.223	5.396	0.0	46.683	4.367	0.0	49.605	4.503

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

140	4293	4294	SN	1	0.0	44.569	5.763	0.0	45.861	5.241	0.0	42.208	4.59	0.0	43.352	4.663	0.0	46.647	4.951	0.0	45.563	4.843	0.0	39.699	4.42	0.0	42.519	4.389
141	4293	4294	SN	1	0.0	39.21	1.955	0.0	46.263	1.813	0.0	39.269	1.534	0.0	41.457	1.589	0.0	41.717	1.651	0.0	46.27	1.542	0.0	35.887	1.389	0.0	43.343	1.452
142	4293	4294	NS	1	0.0	50.774	5.79	0.0	50.366	5.687	0.0	47.162	4.36	0.0	46.907	4.581	0.0	49.339	5.508	0.0	53.418	5.386	0.0	48.153	4.381	0.0	50.239	4.446
143	4293	4294	SN	1	0.0	45.227	5.892	0.0	46.446	5.241	0.0	42.558	4.654	0.0	49.56	4.605	0.0	47.304	4.99	0.0	45.95	4.828	0.0	40.861	4.427	0.0	48.726	4.427
144	4293	4294	NS	1	0.0	46.145	1.878	0.0	45.329	1.864	0.0	41.738	1.225	0.0	41.668	1.407	0.0	42.974	1.683	0.0	45.328	1.771	0.0	40.191	1.237	0.0	41.068	1.4
145	4293	4294	SN	1	0.0	39.297	1.975	0.0	43.189	1.843	0.0	39.328	1.62	0.0	37.64	1.628	0.0	41.498	1.673	0.0	43.73	1.564	0.0	38.881	1.446	0.0	40.138	1.47
146	4293	4294	NS	1	0.0	43.0	1.887	0.0	45.307	1.875	0.0	38.76	1.232	0.0	41.17	1.391	0.0	43.741	1.692	0.0	48.935	1.775	0.0	39.531	1.276	0.0	42.668	1.378
147	4293	4294	SN	1	0.0	44.569	5.813	0.0	45.861	5.268	0.0	42.208	4.677	0.0	43.352	4.79	0.0	46.647	4.973	0.0	45.563	4.877	0.0	39.699	4.528	0.0	42.519	4.506
148	4293	4294	SN	1	0.0	39.297	1.903	0.0	43.189	1.804	0.0	39.328	1.574	0.0	37.64	1.589	0.0	41.498	1.606	0.0	43.73	1.527	0.0	38.881	1.394	0.0	40.138	1.436
149	4294	4295	NS	1	0.0	52.231	7.873	0.0	54.606	6.658	0.0	46.569	6.142	0.0	42.578	5.698	0.0	50.561	7.129	0.0	58.615	6.347	0.0	44.671	5.693	0.0	41.398	5.285
150	4294	4295	NS	1	0.0	57.084	7.833	0.0	49.939	6.527	0.0	45.904	6.22	0.0	43.313	5.748	0.0	55.391	7.099	0.0	51.826	6.216	0.0	47.1	5.821	0.0	43.074	5.399
151	4294	4295	NS	1	0.0	57.333	2.53	0.0	50.774	2.161	0.0	45.459	1.926	0.0	43.186	1.722	0.0	57.73	2.267	0.0	49.576	1.958	0.0	44.044	1.737	0.0	46.307	1.541
152	4294	4295	SN	1	0.0	49.872	3.275	0.0	47.075	2.955	0.0	43.666	2.254	0.0	43.118	2.28	0.0	52.609	2.863	0.0	47.744	2.492	0.0	40.5	1.983	0.0	42.007	1.976
153	4294	4295	SN	1	0.0	52.815	10.789	0.0	53.084	10.359	0.0	43.616	6.975	0.0	42.409	6.943	0.0	55.002	9.937	0.0	52.608	8.877	0.0	45.301	6.493	0.0	41.262	6.109
154	4294	4295	SN	1	0.0	50.203	10.94	0.0	52.57	10.309	0.0	40.971	6.947	0.0	46.803	6.964	0.0	50.692	10.117	0.0	52.093	8.868	0.0	43.998	6.422	0.0	48.234	6.223
155	4294	4295	NS	1	0.0	55.027	2.464	0.0	48.628	2.118	0.0	41.927	1.867	0.0	39.342	1.706	0.0	55.425	2.265	0.0	47.432	1.978	0.0	41.249	1.68	0.0	39.685	1.529
156	4294	4295	SN	1	0.0	52.057	3.334	0.0	42.081	2.955	0.0	39.831	2.233	0.0	40.445	2.276	0.0	52.006	2.884	0.0	43.065	2.469	0.0	38.096	1.992	0.0	39.445	1.931
157	4295	4296	SN	1	0.0	53.928	3.283	0.0	48.879	3.412	0.0	43.198	2.166	0.0	44.018	2.282	0.0	52.454	2.976	0.0	46.44	3.022	0.0	42.72	1.982	0.0	44.48	2.088
158	4295	4296	SN	1	0.0	55.115	10.734	0.0	56.521	11.045	0.0	47.075	7.411	0.0	47.007	7.421	0.0	52.959	9.946	0.0	55.863	10.265	0.0	49.266	7.209	0.0	48.385	6.806
159	4295	4296	NS	1	0.0	48.461	7.841	0.0	46.323	6.582	0.0	41.357	5.925	0.0	43.862	5.293	0.0	51.452	6.866	0.0	45.896	5.647	0.0	42.272	5.312	0.0	40.867	4.595
160	4295	4296	NS	1	0.0	48.461	7.841	0.0	46.323	6.582	0.0	41.357	5.925	0.0	43.862	5.293	0.0	51.452	6.866	0.0	45.896	5.647	0.0	42.272	5.312	0.0	40.867	4.595
161	4295	4296	SN	1	0.0	55.115	10.691	0.0	56.521	11.366	0.0	47.075	7.272	0.0	47.007	7.567	0.0	52.959	9.889	0.0	55.863	10.53	0.0	49.266	7.017	0.0	48.385	7.034
162	4295	4296	SN	1	0.0	55.115	10.719	0.0	56.521	11.228	0.0	47.075	7.272	0.0	47.007	7.491	0.0	52.959	9.927	0.0	55.863	10.391	0.0	49.266	7.024	0.0	48.385	6.957
163	4295	4296	NS	1	0.0	45.076	2.676	0.0	48.036	2.25	0.0	38.155	1.962	0.0	41.888	1.741	0.0	43.115	2.239	0.0	44.587	1.916	0.0	37.151	1.66	0.0	40.172	1.49
164	4295	4296	NS	1	0.0	45.076	2.676	0.0	48.036	2.25	0.0	38.155	1.964	0.0	41.888	1.741	0.0	43.115	2.241	0.0	44.587	1.916	0.0	37.151	1.662	0.0	40.172	1.492
165	4295	4296	SN	1	0.0	53.928	3.219	0.0	48.879	3.425	0.0	43.198	2.132	0.0	44.018	2.318	0.0	52.454	2.913	0.0	46.44	3.057	0.0	42.72	1.946	0.0	44.48	2.135
166	4295	4296	SN	1	0.0	53.928	3.196	0.0	48.879	3.407	0.0	43.198	2.135	0.0	44.018	2.294	0.0	52.454	2.902	0.0	46.44	3.023	0.0	42.72	1.939	0.0	44.48	2.098
167	4296	4297	NS	1	0.0	44.1	2.607	0.0	54.819	1.979	0.0	40.514	1.915	0.0	41.189	1.755	0.0	45.416	2.417	0.0	53.297	1.841	0.0	38.156	1.885	0.0	39.418	1.659
168	4296	4297	NS	1	0.0	45.926	7.511	0.0	43.211	6.22	0.0	41.955	5.78	0.0	45.717	5.429	0.0	48.839	7.36	0.0	42.816	6.019	0.0	39.508	5.83	0.0	48.555	5.364
169	4296	4297	SN	1	0.0	51.532	2.094	0.0	48.851	2.429	0.0	43.785	1.551	0.0	42.499	1.694	0.0	49.467	1.835	0.0	47.621	2.221	0.0	40.515	1.422	0.0	44.966	1.582
170	4296	4297	NS	1	0.0	40.155	2.63	0.0	40.426	1.999	0.0	39.489	1.921	0.0	40.678	1.735	0.0	41.45	2.467	0.0	42.699	1.836	0.0	39.638	1.903	0.0	40.735	1.616
171	4296	4297	SN	1	0.0	53.891	5.12	0.0	51.764	5.423	0.0	42.971	4.658	0.0	46.623	4.952	0.0	52.447	4.619	0.0	49.69	4.808	0.0	45.964	4.256	0.0	46.985	4.382
172	4296	4297	NS	1	0.0	48.772	7.622	0.0	49.877	6.27	0.0	42.566	5.752	0.0	45.363	5.272	0.0	50.647	7.501	0.0	49.496	5.868	0.0	41.565	5.78	0.0	48.203	5.201
173	4296	4297	SN	1	0.0	54.12	2.065	0.0	47.035	2.458	0.0	43.785	1.572	0.0	43.684	1.702	0.0	50.232	1.848	0.0	43.379	2.253	0.0	40.897	1.439	0.0	46.149	1.573
174	4296	4297	SN	1	0.0	54.12	1.758	0.0	47.035	1.97	0.0	40.818	1.41	0.0	43.684	1.437	0.0	50.232	1.493	0.0	43.379	1.749	0.0	40.897	1.239	0.0	46.149	1.266
175	4296	4297	SN	1	0.0	50.295	6.631	0.0	53.591	7.391	0.0	45.296	5.402	0.0	46.387	5.939	0.0	52.705	6.119	0.0	51.514	6.977	0.0	48.061	5.183	0.0	46.747	5.611

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

176	4296	4297	SN	1	0.0	53.891	6.562	0.0	51.764	7.466	0.0	45.296	5.339	0.0	46.623	6.048	0.0	52.447	6.06	0.0	49.69	7.007	0.0	45.964	5.012	0.0	46.985	5.608
177	4297	4298	SN	1	0.0	47.535	1.395	0.0	42.043	1.401	0.0	46.695	1.022	0.0	43.751	1.107	0.0	44.755	1.319	0.0	41.597	1.272	0.0	46.749	0.955	0.0	41.157	0.993
178	4297	4298	NS	1	0.0	49.458	3.353	0.0	49.167	2.561	0.0	42.374	2.207	0.0	42.516	2.246	0.0	46.856	2.796	0.0	51.804	2.249	0.0	46.029	1.942	0.0	43.527	1.905
179	4297	4298	SN	1	0.0	46.285	4.152	0.0	52.027	4.403	0.0	42.561	3.325	0.0	46.786	3.648	0.0	44.634	3.871	0.0	51.786	4.1	0.0	41.191	3.119	0.0	43.984	3.427
180	4297	4298	NS	1	0.0	50.95	10.326	0.0	52.033	8.405	0.0	45.999	7.374	0.0	47.657	6.83	0.0	49.55	9.491	0.0	54.213	7.943	0.0	45.741	6.762	0.0	48.399	6.203
181	4298	4299	SN	1	0.0	42.932	2.051	0.0	47.81	2.026	0.0	38.519	1.362	0.0	41.729	1.434	0.0	42.238	1.966	0.0	47.074	1.879	0.0	40.282	1.25	0.0	37.958	1.288
182	4298	4299	NS	1	0.0	47.01	2.208	0.0	50.889	1.86	0.0	40.859	1.382	0.0	42.481	1.254	0.0	46.678	1.928	0.0	49.333	1.642	0.0	39.958	1.207	0.0	41.536	1.087
183	4298	4299	NS	1	0.0	47.01	2.208	0.0	50.889	1.86	0.0	40.859	1.382	0.0	42.481	1.254	0.0	46.678	1.928	0.0	49.333	1.642	0.0	39.958	1.207	0.0	41.536	1.087
184	4298	4299	SN	1	0.0	53.808	6.741	0.0	50.921	5.896	0.0	44.436	4.949	0.0	44.861	4.62	0.0	50.572	6.169	0.0	51.532	5.473	0.0	44.343	4.8	0.0	46.095	4.256
185	4298	4299	NS	1	0.0	49.43	7.249	0.0	52.825	5.769	0.0	45.969	4.453	0.0	45.91	3.963	0.0	48.797	6.304	0.0	52.214	5.257	0.0	44.508	4.004	0.0	45.513	3.592
186	4298	4299	NS	1	0.0	49.43	7.249	0.0	52.825	5.769	0.0	45.969	4.453	0.0	45.91	3.963	0.0	48.797	6.304	0.0	52.214	5.257	0.0	44.508	4.004	0.0	45.513	3.592
187	4299	4300	SN	1	0.0	56.283	6.76	0.0	53.811	5.834	0.0	47.819	5.175	0.0	43.958	4.823	0.0	54.651	6.148	0.0	53.776	5.189	0.0	45.95	4.622	0.0	43.919	4.56
188	4299	4300	NS	1	0.0	52.675	4.433	0.0	51.705	3.947	0.0	44.62	4.109	0.0	46.309	3.903	0.0	54.188	4.222	0.0	50.44	3.826	0.0	43.586	3.796	0.0	43.472	3.76
189	4299	4300	NS	1	0.0	41.214	1.705	0.0	47.491	1.354	0.0	43.758	1.399	0.0	44.657	1.324	0.0	38.374	1.455	0.0	50.648	1.279	0.0	43.529	1.324	0.0	44.137	1.187
190	4299	4300	NS	1	0.0	52.675	4.456	0.0	51.705	3.967	0.0	44.62	4.13	0.0	46.309	3.923	0.0	54.188	4.244	0.0	50.44	3.846	0.0	43.586	3.815	0.0	43.472	3.78
191	4299	4300	SN	1	0.0	49.425	2.134	0.0	53.028	1.903	0.0	41.245	1.368	0.0	45.64	1.442	0.0	49.244	1.907	0.0	49.53	1.682	0.0	43.097	1.209	0.0	47.639	1.245
192	4299	4300	NS	1	0.0	41.214	1.696	0.0	47.491	1.347	0.0	43.758	1.392	0.0	44.657	1.317	0.0	38.374	1.447	0.0	50.648	1.273	0.0	43.529	1.317	0.0	44.137	1.181
193	4300	4301	NS	1	0.0	43.007	2.164	0.0	48.351	1.905	0.0	40.499	1.614	0.0	43.803	1.534	0.0	44.704	1.947	0.0	49.653	1.707	0.0	42.311	1.461	0.0	40.515	1.388
194	4300	4301	SN	1	0.0	48.87	4.935	0.0	50.593	5.32	0.0	45.449	3.764	0.0	45.154	4.26	0.0	53.075	4.383	0.0	51.849	4.826	0.0	47.605	3.332	0.0	44.443	3.954
195	4300	4301	NS	1	0.0	42.912	6.413	0.0	52.982	6.176	0.0	40.94	4.658	0.0	44.264	5.141	0.0	44.793	5.891	0.0	50.195	5.764	0.0	39.321	4.53	0.0	42.045	4.614
196	4300	4301	SN	1	0.0	51.47	1.425	0.0	48.041	1.548	0.0	39.956	1.077	0.0	44.62	1.268	0.0	47.991	1.15	0.0	47.613	1.39	0.0	38.525	0.935	0.0	41.12	1.151
197	4300	4301	NS	1	0.0	42.912	6.619	0.0	52.982	6.376	0.0	40.94	4.803	0.0	44.264	5.304	0.0	44.793	6.079	0.0	50.195	5.951	0.0	39.321	4.671	0.0	42.045	4.761
198	4300	4301	NS	1	0.0	43.007	2.232	0.0	48.351	1.963	0.0	40.499	1.665	0.0	43.803	1.58	0.0	44.704	2.008	0.0	49.653	1.758	0.0	42.311	1.507	0.0	40.515	1.43
199	4301	4302	NS	1	0.0	43.8	4.546	0.0	47.287	4.913	0.0	40.545	4.891	0.0	53.143	4.631	0.0	43.239	3.898	0.0	47.474	4.643	0.0	42.811	4.608	0.0	51.1	4.577
200	4301	4302	SN	1	0.0	41.556	2.17	0.0	53.348	1.752	0.0	38.372	1.63	0.0	40.21	1.499	0.0	42.476	1.751	0.0	49.597	1.483	0.0	36.565	1.474	0.0	37.216	1.29
201	4301	4302	NS	1	0.0	43.84	1.942	0.0	46.467	1.885	0.0	39.003	1.522	0.0	38.875	1.561	0.0	47.898	1.736	0.0	44.412	1.771	0.0	38.295	1.474	0.0	38.067	1.489
202	4301	4302	SN	1	0.0	48.713	6.617	0.0	45.404	5.542	0.0	43.482	4.869	0.0	46.972	4.733	0.0	51.525	5.725	0.0	44.752	4.615	0.0	42.773	4.5	0.0	50.124	4.155
203	4301	4302	NS	1	0.0	43.8	4.243	0.0	47.287	4.579	0.0	40.545	4.573	0.0	53.143	4.322	0.0	43.239	3.63	0.0	47.474	4.328	0.0	42.811	4.303	0.0	51.1	4.272
204	4301	4302	NS	1	0.0	43.84	1.814	0.0	46.467	1.763	0.0	39.003	1.422	0.0	38.875	1.457	0.0	47.898	1.624	0.0	44.412	1.657	0.0	38.295	1.378	0.0	38.067	1.39
205	4302	4303	NS	1	0.0	50.882	11.213	0.0	49.908	9.732	0.0	52.468	8.801	0.0	45.701	8.303	0.0	49.849	10.856	0.0	48.966	9.309	0.0	49.626	8.73	0.0	48.954	8.02
206	4302	4303	NS	1	0.0	47.584	3.953	0.0	48.816	3.308	0.0	41.633	2.6	0.0	39.681	2.667	0.0	45.655	3.818	0.0	48.563	3.158	0.0	40.157	2.563	0.0	40.246	2.44

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	4274	4275	SN	1	0.0	25.932	9.25	0.0	26.742	9.469	0.0	199.086	3.555	0.0	77.828	4.036	0.0	1.881	0.0	1.956	0.0	0.0	2.058	0.0	0.0	2.104	0.0	
2	4274	4275	SN	1	0.0	33.994	15.388	0.0	27.283	14.389	0.0	160.001	12.876	0.0	82.256	13.168	0.0	1.891	0.0	1.933	0.0	0.0	2.063	0.0	0.0	2.118	0.0	
3	4274	4275	SN	1	0.0	25.932	9.248	0.0	26.748	9.471	0.0	199.693	3.555	0.0	77.828	4.056	0.0	1.881	0.0	1.956	0.0	0.0	2.057	0.0	0.0	2.103	0.0	
4	4274	4275	SN	1	0.0	33.989	15.388	0.0	27.283	14.372	0.0	159.687	12.883	0.0	82.256	13.19	0.0	1.89	0.0	1.933	0.0	0.0	2.062	0.0	0.0	2.118	0.0	
5	4275	4276	SN	1	0.0	32.108	15.443	0.0	52.5	14.476	0.0	183.925	12.966	0.0	72.743	13.328	0.0	1.89	0.0	1.962	0.0	0.0	2.061	0.0	0.0	2.107	0.0	
6	4275	4276	SN	1	0.0	34.182	15.45	0.0	52.5	14.195	0.0	183.925	13.039	0.0	19.584	12.885	0.0	1.89	0.0	1.962	0.0	0.0	2.061	0.0	0.0	2.107	0.0	
7	4275	4276	NS	1	0.0	25.921	15.033	0.0	33.967	14.719	0.0	356.685	10.84	0.0	52.519	10.925	0.0	1.918	0.0	1.869	0.0	0.0	2.055	0.0	0.0	2.029	0.0	
8	4275	4276	SN	1	0.0	25.887	9.246	0.0	193.464	9.562	0.0	228.542	3.526	0.0	75.743	4.099	0.0	1.881	0.0	1.958	0.0	0.0	2.057	0.0	0.0	2.106	0.0	
9	4275	4276	NS	1	0.0	26.955	8.807	0.0	25.777	8.592	0.0	346.201	2.756	0.0	50.523	2.437	0.0	1.91	0.0	1.858	0.0	0.0	2.051	0.0	0.0	2.028	0.0	
10	4275	4276	SN	1	0.0	25.887	9.258	0.0	193.464	9.444	0.0	228.542	3.562	0.0	15.337	3.938	0.0	1.881	0.0	1.958	0.0	0.0	2.057	0.0	0.0	2.106	0.0	
11	4275	4276	SN	1	0.0	25.887	9.248	0.0	193.464	9.493	0.0	228.542	3.526	0.0	75.743	4.053	0.0	1.881	0.0	1.958	0.0	0.0	2.057	0.0	0.0	2.106	0.0	
12	4275	4276	SN	1	0.0	34.182	15.462	0.0	52.5	14.457	0.0	183.925	12.959	0.0	72.759	13.214	0.0	1.89	0.0	1.962	0.0	0.0	2.061	0.0	0.0	2.107	0.0	
13	4276	4277	NS	1	0.0	26.985	8.805	0.0	25.772	8.581	0.0	346.764	2.74	0.0	51.091	2.434	0.0	1.905	0.0	1.858	0.0	0.0	2.052	0.0	0.0	2.028	0.0	
14	4276	4277	SN	1	0.0	24.613	9.304	0.0	26.72	9.597	0.0	197.448	3.59	0.0	76.261	4.091	0.0	1.882	0.0	1.955	0.0	0.0	2.054	0.0	0.0	2.106	0.0	
15	4276	4277	NS	1	0.0	25.926	14.968	0.0	33.989	14.829	0.0	353.013	10.886	0.0	52.933	10.871	0.0	1.92	0.0	1.866	0.0	0.0	2.053	0.0	0.0	2.028	0.0	
16	4276	4277	SN	1	0.0	24.613	9.31	0.0	26.709	9.486	0.0	197.492	3.616	0.0	16.137	3.948	0.0	1.882	0.0	1.955	0.0	0.0	2.054	0.0	0.0	2.108	0.0	
17	4276	4277	SN	1	0.0	24.613	9.315	0.0	26.72	9.488	0.0	197.448	3.618	0.0	16.142	3.948	0.0	1.882	0.0	1.955	0.0	0.0	2.054	0.0	0.0	2.106	0.0	
18	4276	4277	SN	1	0.0	36.283	15.468	0.0	26.604	14.15	0.0	183.572	13.042	0.0	22.005	13.04	0.0	1.891	0.0	1.94	0.0	0.0	2.057	0.0	0.0	2.12	0.0	
19	4276	4277	NS	1	0.0	25.932	14.968	0.0	33.989	14.829	0.0	353.007	10.893	0.0	52.927	10.886	0.0	1.92	0.0	1.866	0.0	0.0	2.053	0.0	0.0	2.028	0.0	
20	4276	4277	SN	1	0.0	36.278	15.47	0.0	26.61	14.162	0.0	183.539	13.021	0.0	22.005	13.025	0.0	1.891	0.0	1.94	0.0	0.0	2.057	0.0	0.0	2.12	0.0	
21	4276	4277	SN	1	0.0	32.395	15.45	0.0	26.61	14.42	0.0	183.539	12.954	0.0	84.597	13.41	0.0	1.891	0.0	1.94	0.0	0.0	2.057	0.0	0.0	2.12	0.0	
22	4276	4277	NS	1	0.0	26.979	8.807	0.0	25.772	8.581	0.0	346.753	2.745	0.0	51.091	2.435	0.0	1.905	0.0	1.858	0.0	0.0	2.052	0.0	0.0	2.028	0.0	
23	4277	4278	SN	1	0.0	24.619	9.349	0.0	26.709	9.52	0.0	217.352	3.583	0.0	77.249	4.054	0.0	1.884	0.0	1.958	0.0	0.0	2.058	0.0	0.0	2.111	0.0	
24	4277	4278	SN	1	0.0	24.619	9.347	0.0	26.709	9.601	0.0	217.352	3.583	0.0	77.249	4.1	0.0	1.884	0.0	1.958	0.0	0.0	2.058	0.0	0.0	2.111	0.0	
25	4277	4278	NS	1	0.0	26.982	8.792	0.0	25.772	8.565	0.0	296.6	2.745	0.0	51.576	2.426	0.0	1.913	0.0	1.857	0.0	0.0	2.052	0.0	0.0	2.028	0.0	
26	4277	4278	SN	1	0.0	39.509	15.427	0.0	26.604	14.398	0.0	219.298	13.018	0.0	69.693	13.335	0.0	1.895	0.0	1.942	0.0	0.0	2.062	0.0	0.0	2.126	0.0	
27	4277	4278	SN	1	0.0	39.509	15.426	0.0	25.948	14.069	0.0	219.298	13.11	0.0	18.486	12.933	0.0	1.895	0.0	1.942	0.0	0.0	2.062	0.0	0.0	2.126	0.0	
28	4277	4278	SN	1	0.0	24.619	9.354	0.0	26.709	9.468	0.0	217.352	3.62	0.0	14.841	3.923	0.0	1.884	0.0	1.958	0.0	0.0	2.058	0.0	0.0	2.111	0.0	
29	4277	4278	SN	1	0.0	32.831	15.409	0.0	26.604	14.418	0.0	219.298	13.018	0.0	69.693	13.445	0.0	1.895	0.0	1.942	0.0	0.0	2.062	0.0	0.0	2.126	0.0	
30	4277	4278	NS	1	0.0	25.932	14.989	0.0	33.994	14.799	0.0	353.222	10.844	0.0	53.358	10.886	0.0	1.91	0.0	1.867	0.0	0.0	2.055	0.0	0.0	2.029	0.0	
31	4278	4279	SN	1	0.0	36.587	15.459	0.0	26.599	14.397	0.0	215.333	13.075	0.0	71.094	13.335	0.0	1.893	0.0	1.962	0.0	0.0	2.062	0.0	0.0	2.123	0.0	

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



32	4278	4279	NS	1	0.0	25.926	14.998	0.0	33.752	14.713	0.0	350.371	10.852	0.0	54.019	10.877	0.0	1.915	0.0	0.0	1.883	0.0	0.0	2.054	0.0	0.0	2.029	0.0
33	4278	4279	NS	1	0.0	25.909	14.929	0.0	33.983	14.737	0.0	353.503	10.865	0.0	54.019	10.857	0.0	1.914	0.0	0.0	1.881	0.0	0.0	2.054	0.0	0.0	2.028	0.0
34	4278	4279	SN	1	0.0	32.709	15.44	0.0	26.599	14.418	0.0	215.333	13.075	0.0	71.094	13.445	0.0	1.893	0.0	0.0	1.962	0.0	0.0	2.062	0.0	0.0	2.123	0.0
35	4278	4279	SN	1	0.0	36.587	15.459	0.0	26.599	14.386	0.0	215.333	13.075	0.0	71.094	13.335	0.0	1.893	0.0	0.0	1.962	0.0	0.0	2.062	0.0	0.0	2.123	0.0
36	4278	4279	NS	1	0.0	26.952	8.774	0.0	25.777	8.577	0.0	347.784	2.761	0.0	56.429	2.439	0.0	1.913	0.0	0.0	1.865	0.0	0.0	2.051	0.0	0.0	2.028	0.0
37	4278	4279	NS	1	0.0	26.952	8.777	0.0	25.772	8.581	0.0	347.784	2.766	0.0	50.109	2.412	0.0	1.911	0.0	0.0	1.867	0.0	0.0	2.05	0.0	0.0	2.027	0.0
38	4278	4279	SN	1	0.0	24.608	9.32	0.0	26.709	9.629	0.0	194.481	3.58	0.0	68.011	4.103	0.0	1.881	0.0	0.0	1.955	0.0	0.0	2.058	0.0	0.0	2.11	0.0
39	4278	4279	SN	1	0.0	24.608	9.322	0.0	26.709	9.563	0.0	194.481	3.58	0.0	68.011	4.057	0.0	1.881	0.0	0.0	1.955	0.0	0.0	2.058	0.0	0.0	2.11	0.0
40	4278	4279	SN	1	0.0	24.608	9.322	0.0	26.709	9.561	0.0	194.481	3.58	0.0	68.011	4.057	0.0	1.881	0.0	0.0	1.955	0.0	0.0	2.058	0.0	0.0	2.11	0.0
41	4279	4280	SN	1	0.0	32.561	15.442	0.0	26.593	14.376	0.0	317.898	12.99	0.0	82.03	13.409	0.0	1.891	0.0	0.0	1.963	0.0	0.0	2.065	0.0	0.0	2.124	0.0
42	4279	4280	SN	1	0.0	36.548	15.46	0.0	26.593	14.349	0.0	317.898	12.99	0.0	82.03	13.297	0.0	1.891	0.0	0.0	1.963	0.0	0.0	2.065	0.0	0.0	2.124	0.0
43	4279	4280	SN	1	0.0	24.608	9.304	0.0	26.709	9.535	0.0	193.532	3.573	0.0	86.999	4.084	0.0	1.882	0.0	0.0	1.956	0.0	0.0	2.06	0.0	0.0	2.107	0.0
44	4279	4280	SN	1	0.0	36.548	15.471	0.0	26.599	14.302	0.0	317.898	13.018	0.0	34.077	13.246	0.0	1.891	0.0	0.0	1.963	0.0	0.0	2.065	0.0	0.0	2.124	0.0
45	4279	4280	NS	1	0.0	25.932	15.007	0.0	33.774	14.732	0.0	358.583	10.86	0.0	54.869	10.869	0.0	1.92	0.0	0.0	1.88	0.0	0.0	2.054	0.0	0.0	2.028	0.0
46	4279	4280	NS	1	0.0	25.932	15.007	0.0	33.774	14.732	0.0	358.583	10.86	0.0	54.869	10.869	0.0	1.92	0.0	0.0	1.88	0.0	0.0	2.054	0.0	0.0	2.028	0.0
47	4279	4280	SN	1	0.0	24.608	9.306	0.0	192.973	9.539	0.0	193.532	3.58	0.0	23.086	4.061	0.0	1.882	0.0	0.0	1.956	0.0	0.0	2.06	0.0	0.0	2.107	0.0
48	4279	4280	NS	1	0.0	26.93	8.786	0.0	25.777	8.573	0.0	348.248	2.759	0.0	56.86	2.424	0.0	1.913	0.0	0.0	1.859	0.0	0.0	2.05	0.0	0.0	2.027	0.0
49	4279	4280	NS	1	0.0	26.93	8.786	0.0	25.777	8.573	0.0	348.248	2.759	0.0	56.86	2.424	0.0	1.913	0.0	0.0	1.859	0.0	0.0	2.05	0.0	0.0	2.027	0.0
50	4279	4280	SN	1	0.0	24.608	9.302	0.0	26.709	9.596	0.0	193.532	3.573	0.0	86.999	4.13	0.0	1.882	0.0	0.0	1.956	0.0	0.0	2.06	0.0	0.0	2.107	0.0
51	4280	4281	SN	1	0.0	31.739	15.395	0.0	27.305	14.334	0.0	192.14	12.977	0.0	89.688	13.354	0.0	1.893	0.0	0.0	1.935	0.0	0.0	2.06	0.0	0.0	2.108	0.0
52	4280	4281	NS	1	0.0	25.921	15.024	0.0	33.785	14.573	0.0	356.752	10.88	0.0	55.724	10.869	0.0	1.921	0.0	0.0	1.869	0.0	0.0	2.054	0.0	0.0	2.028	0.0
53	4280	4281	SN	1	0.0	33.967	15.412	0.0	27.305	14.3	0.0	192.14	12.977	0.0	89.688	13.237	0.0	1.893	0.0	0.0	1.935	0.0	0.0	2.06	0.0	0.0	2.108	0.0
54	4280	4281	NS	1	0.0	25.921	15.024	0.0	33.785	14.573	0.0	356.752	10.88	0.0	55.724	10.869	0.0	1.921	0.0	0.0	1.869	0.0	0.0	2.054	0.0	0.0	2.028	0.0
55	4280	4281	SN	1	0.0	24.619	9.332	0.0	26.709	9.473	0.0	177.671	3.663	0.0	234.884	3.911	0.0	1.884	0.0	0.0	1.952	0.0	0.0	2.058	0.0	0.0	2.103	0.0
56	4280	4281	NS	1	0.0	26.957	8.821	0.0	25.777	8.574	0.0	348.738	2.761	0.0	57.273	2.434	0.0	1.912	0.0	0.0	1.861	0.0	0.0	2.05	0.0	0.0	2.027	0.0
57	4280	4281	NS	1	0.0	26.957	8.821	0.0	25.777	8.574	0.0	348.738	2.761	0.0	57.273	2.434	0.0	1.912	0.0	0.0	1.861	0.0	0.0	2.05	0.0	0.0	2.027	0.0
58	4280	4281	SN	1	0.0	24.619	9.314	0.0	26.709	9.604	0.0	177.671	3.607	0.0	234.884	4.108	0.0	1.884	0.0	0.0	1.952	0.0	0.0	2.058	0.0	0.0	2.103	0.0
59	4280	4281	SN	1	0.0	33.967	15.427	0.0	25.948	13.845	0.0	192.14	13.096	0.0	89.688	12.638	0.0	1.893	0.0	0.0	1.935	0.0	0.0	2.06	0.0	0.0	2.108	0.0
60	4280	4281	SN	1	0.0	24.619	9.318	0.0	26.709	9.547	0.0	177.671	3.607	0.0	234.884	4.062	0.0	1.884	0.0	0.0	1.952	0.0	0.0	2.058	0.0	0.0	2.103	0.0
61	4281	4282	NS	1	0.0	25.926	15.058	0.0	33.835	14.711	0.0	354.706	10.903	0.0	38.004	10.857	0.0	1.913	0.0	0.0	1.883	0.0	0.0	2.055	0.0	0.0	2.028	0.0
62	4281	4282	NS	1	0.0	26.894	8.801	0.0	25.766	8.601	0.0	356.774	2.772	0.0	60.218	2.403	0.0	1.903	0.0	0.0	1.858	0.0	0.0	2.051	0.0	0.0	2.028	0.0
63	4281	4282	SN	1	0.0	25.887	9.291	0.0	26.72	9.562	0.0	184.681	3.578	0.0	72.666	4.119	0.0	1.882	0.0	0.0	1.955	0.0	0.0	2.06	0.0	0.0	2.112	0.0
64	4281	4282	SN	1	0.0	25.887	9.298	0.0	26.72	9.501	0.0	184.681	3.58	0.0	72.666	4.074	0.0	1.882	0.0	0.0	1.955	0.0	0.0	2.06	0.0	0.0	2.112	0.0
65	4281	4282	SN	1	0.0	33.994	15.551	0.0	25.534	13.442	0.0	177.564	13.303	0.0	14.786	12.019	0.0	1.892	0.0	0.0	1.938	0.0	0.0	2.066	0.0	0.0	2.11	0.0
66	4281	4282	SN	1	0.0	31.7	15.393	0.0	27.294	14.402	0.0	177.564	13.042	0.0	70.283	13.368	0.0	1.892	0.0	0.0	1.938	0.0	0.0	2.066	0.0	0.0	2.11	0.0
67	4281	4282	NS	1	0.0	26.93	8.813	0.0	25.772	8.604	0.0	349.29	2.759	0.0	62.661	2.413	0.0	1.912	0.0	0.0	1.858	0.0	0.0	2.052	0.0	0.0	2.027	0.0
68	4281	4282	SN	1	0.0	33.994	15.41	0.0	27.294	14.349	0.0	177.564	13.042	0.0	70.283	13.244	0.0	1.892	0.0	0.0	1.938	0.0	0.0	2.066	0.0	0.0	2.11	0.0

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

69	4281	4282	NS	1	0.0	25.932	15.054	0.0	33.835	14.693	0.0	354.706	10.866	0.0	41.627	10.875	0.0	1.917	0.0	0.0	1.869	0.0	0.0	2.055	0.0	0.0	2.028	0.0
70	4281	4282	SN	1	0.0	25.887	9.387	0.0	26.72	9.335	0.0	184.681	3.712	0.0	14.212	3.865	0.0	1.882	0.0	0.0	1.955	0.0	0.0	2.06	0.0	0.0	2.112	0.0
71	4282	4283	NS	1	0.0	26.864	8.805	0.0	25.766	8.587	0.0	356.829	2.749	0.0	57.367	2.414	0.0	1.901	0.0	0.0	1.858	0.0	0.0	2.051	0.0	0.0	2.029	0.0
72	4282	4283	SN	1	0.0	37.64	15.466	0.0	26.632	14.395	0.0	349.566	12.974	0.0	70.768	13.141	0.0	1.891	0.0	0.0	1.932	0.0	0.0	2.062	0.0	0.0	2.11	0.0
73	4282	4283	NS	1	0.0	25.921	14.971	0.0	33.868	14.731	0.0	352.307	10.907	0.0	45.019	10.843	0.0	1.913	0.0	0.0	1.901	0.0	0.0	2.061	0.0	0.0	2.028	0.0
74	4282	4283	NS	1	0.0	25.921	14.971	0.0	33.868	14.731	0.0	352.307	10.907	0.0	45.019	10.843	0.0	1.913	0.0	0.0	1.901	0.0	0.0	2.061	0.0	0.0	2.028	0.0
75	4282	4283	NS	1	0.0	26.864	8.805	0.0	25.766	8.587	0.0	356.829	2.749	0.0	57.367	2.414	0.0	1.901	0.0	0.0	1.858	0.0	0.0	2.051	0.0	0.0	2.029	0.0
76	4282	4283	SN	1	0.0	24.619	9.273	0.0	26.853	9.513	0.0	255.499	3.564	0.0	70.145	4.067	0.0	1.88	0.0	0.0	1.951	0.0	0.0	2.061	0.0	0.0	2.103	0.0
77	4283	4284	NS	1	0.0	25.926	15.017	0.0	33.884	14.596	0.0	352.483	10.859	0.0	43.519	10.89	0.0	1.918	0.0	0.0	1.875	0.0	0.0	2.054	0.0	0.0	2.028	0.0
78	4283	4284	SN	1	0.0	38.037	15.476	0.0	26.676	14.425	0.0	349.897	12.953	0.0	72.197	13.176	0.0	1.89	0.0	0.0	1.938	0.0	0.0	2.065	0.0	0.0	2.116	0.0
79	4283	4284	NS	1	0.0	27.029	8.772	0.0	25.772	8.558	0.0	349.748	2.743	0.0	46.828	2.416	0.0	1.905	0.0	0.0	1.857	0.0	0.0	2.051	0.0	0.0	2.028	0.0
80	4283	4284	NS	1	0.0	27.029	8.772	0.0	25.772	8.558	0.0	349.748	2.743	0.0	46.828	2.416	0.0	1.905	0.0	0.0	1.857	0.0	0.0	2.051	0.0	0.0	2.028	0.0
81	4283	4284	SN	1	0.0	24.608	9.262	0.0	26.764	9.515	0.0	254.534	3.59	0.0	70.768	4.086	0.0	1.882	0.0	0.0	1.956	0.0	0.0	2.062	0.0	0.0	2.111	0.0
82	4283	4284	NS	1	0.0	25.926	15.017	0.0	33.884	14.596	0.0	352.483	10.859	0.0	43.519	10.89	0.0	1.918	0.0	0.0	1.875	0.0	0.0	2.054	0.0	0.0	2.028	0.0
83	4284	4285	NS	1	0.0	25.932	15.026	0.0	33.873	14.596	0.0	355.279	10.852	0.0	43.795	10.933	0.0	1.919	0.0	0.0	1.873	0.0	0.0	2.054	0.0	0.0	2.03	0.0
84	4284	4285	SN	1	0.0	25.882	9.312	0.0	26.715	9.49	0.0	274.559	3.593	0.0	71.783	4.099	0.0	1.882	0.0	0.0	1.954	0.0	0.0	2.06	0.0	0.0	2.105	0.0
85	4284	4285	SN	1	0.0	38.467	15.446	0.0	26.671	14.402	0.0	97.108	13.01	0.0	73.239	13.319	0.0	1.891	0.0	0.0	1.941	0.0	0.0	2.064	0.0	0.0	2.121	0.0
86	4284	4285	NS	1	0.0	27.101	8.8	0.0	25.766	8.569	0.0	309.488	2.736	0.0	47.264	2.418	0.0	1.91	0.0	0.0	1.861	0.0	0.0	2.05	0.0	0.0	2.027	0.0
87	4285	4286	SN	1	0.0	24.63	9.316	0.0	26.726	9.564	0.0	186.936	3.595	0.0	76.278	4.098	0.0	1.882	0.0	0.0	1.951	0.0	0.0	2.06	0.0	0.0	2.106	0.0
88	4285	4286	NS	1	0.0	27.023	8.793	0.0	25.772	8.566	0.0	340.626	2.727	0.0	59.181	2.411	0.0	1.91	0.0	0.0	1.874	0.0	0.0	2.059	0.0	0.0	2.031	0.0
89	4285	4286	NS	1	0.0	25.921	15.004	0.0	33.873	14.566	0.0	352.599	10.817	0.0	50.484	10.869	0.0	1.922	0.0	0.0	1.863	0.0	0.0	2.054	0.0	0.0	2.034	0.0
90	4285	4286	SN	1	0.0	38.351	15.458	0.0	26.665	14.372	0.0	142.932	12.995	0.0	69.517	13.282	0.0	1.891	0.0	0.0	1.941	0.0	0.0	2.062	0.0	0.0	2.119	0.0
91	4285	4286	NS	1	0.0	25.921	15.061	0.0	30.989	14.277	0.0	352.599	10.958	0.0	17.168	10.633	0.0	1.922	0.0	0.0	1.863	0.0	0.0	2.054	0.0	0.0	2.034	0.0
92	4285	4286	NS	1	0.0	27.023	8.868	0.0	25.772	8.554	0.0	340.626	2.772	0.0	11.835	2.34	0.0	1.91	0.0	0.0	1.874	0.0	0.0	2.059	0.0	0.0	2.031	0.0
93	4286	4287	NS	1	0.0	25.932	15.149	0.0	30.989	14.225	0.0	332.574	11.033	0.0	15.574	10.579	0.0	1.918	0.0	0.0	1.865	0.0	0.0	2.053	0.0	0.0	2.028	0.0
94	4286	4287	SN	1	0.0	34.072	15.472	0.0	27.316	14.325	0.0	130.43	13.016	0.0	230.613	13.152	0.0	1.89	0.0	0.0	1.93	0.0	0.0	2.064	0.0	0.0	2.109	0.0
95	4286	4287	NS	1	0.0	26.894	8.897	0.0	25.772	8.562	0.0	332.91	2.821	0.0	11.874	2.35	0.0	1.916	0.0	0.0	1.867	0.0	0.0	2.051	0.0	0.0	2.027	0.0
96	4286	4287	NS	1	0.0	26.894	8.784	0.0	25.772	8.568	0.0	332.91	2.752	0.0	60.466	2.429	0.0	1.916	0.0	0.0	1.867	0.0	0.0	2.051	0.0	0.0	2.027	0.0
97	4286	4287	NS	1	0.0	25.932	15.013	0.0	33.879	14.645	0.0	332.574	10.838	0.0	51.378	10.883	0.0	1.918	0.0	0.0	1.865	0.0	0.0	2.053	0.0	0.0	2.028	0.0
98	4286	4287	SN	1	0.0	24.619	9.295	0.0	26.709	9.531	0.0	214.043	3.579	0.0	77.993	4.117	0.0	1.882	0.0	0.0	1.953	0.0	0.0	2.06	0.0	0.0	2.101	0.0
99	4287	4288	NS	1	0.0	25.921	15.529	0.0	30.994	14.028	0.0	335.265	11.912	0.0	13.236	10.427	0.0	1.915	0.0	0.0	1.876	0.0	0.0	2.055	0.0	0.0	2.027	0.0
100	4287	4288	NS	1	0.0	26.974	9.252	0.0	25.777	8.764	0.0	333.131	3.026	0.0	11.824	2.507	0.0	1.908	0.0	0.0	1.87	0.0	0.0	2.05	0.0	0.0	2.027	0.0
101	4289	4290	SN	1	0.0	32.048	15.453	0.0	27.338	14.43	0.0	193.935	12.946	0.0	77.064	13.338	0.0	1.892	0.0	0.0	1.928	0.0	0.0	2.059	0.0	0.0	2.103	0.0
102	4289	4290	SN	1	0.0	36.322	15.46	0.0	25.948	13.988	0.0	193.935	13.035	0.0	17.146	12.738	0.0	1.892	0.0	0.0	1.928	0.0	0.0	2.059	0.0	0.0	2.103	0.0
103	4289	4290	SN	1	0.0	24.613	9.304	0.0	26.72	9.491	0.0	194.205	3.579	0.0	69.77	4.063	0.0	1.882	0.0	0.0	1.958	0.0	0.0	2.054	0.0	0.0	2.106	0.0
104	4289	4290	SN	1	0.0	24.613	9.314	0.0	26.72	9.425	0.0	194.205	3.619	0.0	14.201	3.913	0.0	1.882	0.0	0.0	1.958	0.0	0.0	2.054	0.0	0.0	2.106	0.0
105	4289	4290	NS	1	0.0	25.921	14.981	0.0	33.923	14.665	0.0	353.217	10.836	0.0	53.694	10.866	0.0	1.917	0.0	0.0	1.866	0.0	0.0	2.054	0.0	0.0	2.027	0.0

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

106	4289	4290	NS	1	0.0	26.996	8.791	0.0	25.777	8.557	0.0	347.547	2.725	0.0	56.082	2.423	0.0	1.913	0.0	0.0	1.867	0.0	0.0	2.049	0.0	0.0	2.026	0.0
107	4289	4290	SN	1	0.0	24.613	9.301	0.0	26.72	9.544	0.0	194.205	3.579	0.0	69.77	4.109	0.0	1.882	0.0	0.0	1.958	0.0	0.0	2.054	0.0	0.0	2.106	0.0
108	4289	4290	SN	1	0.0	36.322	15.47	0.0	27.338	14.41	0.0	193.935	12.946	0.0	77.064	13.228	0.0	1.892	0.0	0.0	1.928	0.0	0.0	2.059	0.0	0.0	2.103	0.0
109	4290	4291	SN	1	0.0	32.649	15.42	0.0	27.332	14.421	0.0	180.451	12.988	0.0	77.99	13.38	0.0	1.891	0.0	0.0	1.943	0.0	0.0	2.06	0.0	0.0	2.12	0.0
110	4290	4291	NS	1	0.0	26.919	8.761	0.0	25.766	8.52	0.0	348.11	2.729	0.0	50.429	2.41	0.0	1.914	0.0	0.0	1.871	0.0	0.0	2.049	0.0	0.0	2.026	0.0
111	4290	4291	NS	1	0.0	25.921	14.949	0.0	33.967	14.601	0.0	353.581	10.85	0.0	54.24	10.852	0.0	1.916	0.0	0.0	1.865	0.0	0.0	2.054	0.0	0.0	2.028	0.0
112	4290	4291	SN	1	0.0	24.619	9.306	0.0	26.715	9.551	0.0	208.268	3.596	0.0	69.588	4.109	0.0	1.882	0.0	0.0	1.958	0.0	0.0	2.059	0.0	0.0	2.108	0.0
113	4290	4291	SN	1	0.0	24.619	9.311	0.0	26.715	9.46	0.0	208.268	3.619	0.0	16.198	3.966	0.0	1.882	0.0	0.0	1.958	0.0	0.0	2.059	0.0	0.0	2.108	0.0
114	4290	4291	SN	1	0.0	24.619	9.311	0.0	26.715	9.46	0.0	208.268	3.619	0.0	16.198	3.966	0.0	1.882	0.0	0.0	1.958	0.0	0.0	2.059	0.0	0.0	2.108	0.0
115	4290	4291	NS	1	0.0	27.004	8.761	0.0	25.772	8.525	0.0	348.11	2.722	0.0	56.727	2.428	0.0	1.91	0.0	0.0	1.871	0.0	0.0	2.049	0.0	0.0	2.027	0.0
116	4290	4291	SN	1	0.0	24.619	9.305	0.0	26.715	9.533	0.0	208.268	3.619	0.0	69.588	4.109	0.0	1.882	0.0	0.0	1.958	0.0	0.0	2.059	0.0	0.0	2.108	0.0
117	4290	4291	SN	1	0.0	32.649	15.417	0.0	27.332	14.391	0.0	180.451	13.049	0.0	77.99	13.38	0.0	1.891	0.0	0.0	1.943	0.0	0.0	2.06	0.0	0.0	2.12	0.0
118	4290	4291	NS	1	0.0	25.921	14.998	0.0	33.741	14.568	0.0	350.465	10.864	0.0	54.24	10.906	0.0	1.913	0.0	0.0	1.866	0.0	0.0	2.054	0.0	0.0	2.028	0.0
119	4290	4291	SN	1	0.0	36.537	15.439	0.0	27.332	14.184	0.0	180.451	13.049	0.0	20.803	13.01	0.0	1.891	0.0	0.0	1.943	0.0	0.0	2.06	0.0	0.0	2.12	0.0
120	4290	4291	SN	1	0.0	36.537	15.439	0.0	27.332	14.184	0.0	180.451	13.049	0.0	20.803	13.01	0.0	1.891	0.0	0.0	1.943	0.0	0.0	2.06	0.0	0.0	2.12	0.0
121	4291	4292	SN	1	0.0	24.608	9.336	0.0	26.709	9.529	0.0	186.131	3.621	0.0	77.932	4.084	0.0	1.884	0.0	0.0	1.956	0.0	0.0	2.059	0.0	0.0	2.107	0.0
122	4291	4292	NS	1	0.0	25.921	14.939	0.0	33.978	14.622	0.0	353.68	10.858	0.0	54.698	10.943	0.0	1.918	0.0	0.0	1.876	0.0	0.0	2.056	0.0	0.0	2.027	0.0
123	4291	4292	NS	1	0.0	25.921	14.949	0.0	33.978	14.629	0.0	353.68	10.858	0.0	54.698	10.929	0.0	1.918	0.0	0.0	1.876	0.0	0.0	2.056	0.0	0.0	2.032	0.0
124	4291	4292	SN	1	0.0	24.608	9.333	0.0	26.709	9.597	0.0	186.131	3.621	0.0	77.932	4.13	0.0	1.884	0.0	0.0	1.956	0.0	0.0	2.059	0.0	0.0	2.107	0.0
125	4291	4292	SN	1	0.0	36.548	15.481	0.0	27.343	14.138	0.0	192.071	13.076	0.0	19.628	13.051	0.0	1.892	0.0	0.0	1.941	0.0	0.0	2.062	0.0	0.0	2.12	0.0
126	4291	4292	NS	1	0.0	26.974	8.766	0.0	25.772	8.491	0.0	348.727	2.704	0.0	61.012	2.444	0.0	1.915	0.0	0.0	1.866	0.0	0.0	2.052	0.0	0.0	2.027	0.0
127	4291	4292	SN	1	0.0	32.555	15.473	0.0	26.637	14.44	0.0	192.071	12.99	0.0	78.68	13.495	0.0	1.892	0.0	0.0	1.941	0.0	0.0	2.062	0.0	0.0	2.12	0.0
128	4291	4292	SN	1	0.0	24.608	9.336	0.0	26.709	9.491	0.0	186.131	3.652	0.0	15.894	3.978	0.0	1.884	0.0	0.0	1.956	0.0	0.0	2.059	0.0	0.0	2.107	0.0
129	4291	4292	SN	1	0.0	36.548	15.492	0.0	26.637	14.421	0.0	192.071	12.99	0.0	78.68	13.385	0.0	1.892	0.0	0.0	1.941	0.0	0.0	2.062	0.0	0.0	2.12	0.0
130	4291	4292	NS	1	0.0	26.974	8.766	0.0	25.772	8.491	0.0	348.727	2.704	0.0	61.012	2.444	0.0	1.915	0.0	0.0	1.866	0.0	0.0	2.052	0.0	0.0	2.032	0.0
131	4292	4293	SN	1	0.0	34.0	15.426	0.0	27.266	14.31	0.0	209.294	13.028	0.0	74.171	13.294	0.0	1.893	0.0	0.0	1.938	0.0	0.0	2.063	0.0	0.0	2.12	0.0
132	4292	4293	NS	1	0.0	25.92	15.013	0.0	33.741	14.593	0.0	350.889	10.803	0.0	55.227	10.97	0.0	1.917	0.0	0.0	1.863	0.0	0.0	2.054	0.0	0.0	2.028	0.0
133	4292	4293	SN	1	0.0	24.608	9.366	0.0	26.726	9.549	0.0	206.377	3.622	0.0	67.746	4.089	0.0	1.884	0.0	0.0	1.957	0.0	0.0	2.06	0.0	0.0	2.108	0.0
134	4292	4293	SN	1	0.0	34.0	15.426	0.0	27.288	14.29	0.0	209.195	13.014	0.0	69.081	13.287	0.0	1.893	0.0	0.0	1.939	0.0	0.0	2.063	0.0	0.0	2.12	0.0
135	4292	4293	NS	1	0.0	26.957	8.789	0.0	25.766	8.519	0.0	304.436	2.732	0.0	56.01	2.459	0.0	1.909	0.0	0.0	1.859	0.0	0.0	2.05	0.0	0.0	2.027	0.0
136	4292	4293	NS	1	0.0	26.963	8.773	0.0	25.766	8.528	0.0	304.348	2.724	0.0	55.961	2.463	0.0	1.909	0.0	0.0	1.858	0.0	0.0	2.05	0.0	0.0	2.027	0.0
137	4292	4293	NS	1	0.0	25.915	15.013	0.0	33.735	14.613	0.0	350.878	10.781	0.0	55.194	10.984	0.0	1.916	0.0	0.0	1.863	0.0	0.0	2.054	0.0	0.0	2.028	0.0
138	4292	4293	SN	1	0.0	24.608	9.366	0.0	26.726	9.551	0.0	206.647	3.613	0.0	67.691	4.087	0.0	1.884	0.0	0.0	1.957	0.0	0.0	2.06	0.0	0.0	2.108	0.0
139	4293	4294	NS	1	0.0	25.915	14.986	0.0	34.667	14.64	0.0	351.264	10.892	0.0	37.292	11.022	0.0	1.92	0.0	0.0	1.861	0.0	0.0	2.054	0.0	0.0	2.027	0.0
140	4293	4294	SN	1	0.0	31.667	15.466	0.0	27.266	14.347	0.0	211.991	13.105	0.0	70.443	13.354	0.0	1.892	0.0	0.0	1.933	0.0	0.0	2.061	0.0	0.0	2.11	0.0
141	4293	4294	SN	1	0.0	24.608	9.368	0.0	26.726	9.558	0.0	198.645	3.634	0.0	85.317	4.062	0.0	1.883	0.0	0.0	1.954	0.0	0.0	2.059	0.0	0.0	2.105	0.0
142	4293	4294	NS	1	0.0	25.915	14.966	0.0	35.219	14.59	0.0	351.275	10.92	0.0	37.314	11.008	0.0	1.919	0.0	0.0	1.862	0.0	0.0	2.054	0.0	0.0	2.027	0.0

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

143	4293	4294	SN	1	0.0	33.961	15.472	0.0	27.261	14.333	0.0	212.052	13.084	0.0	70.355	13.244	0.0	1.892	0.0	0.0	1.937	0.0	0.0	2.062	0.0	0.0	2.11	0.0
144	4293	4294	NS	1	0.0	26.841	8.766	0.0	25.766	8.517	0.0	349.67	2.723	0.0	58.277	2.446	0.0	1.911	0.0	0.0	1.858	0.0	0.0	2.049	0.0	0.0	2.026	0.0
145	4293	4294	SN	1	0.0	24.608	9.407	0.0	26.72	9.447	0.0	198.518	3.71	0.0	14.212	3.901	0.0	1.883	0.0	0.0	1.954	0.0	0.0	2.059	0.0	0.0	2.105	0.0
146	4293	4294	NS	1	0.0	26.841	8.763	0.0	25.766	8.508	0.0	349.681	2.722	0.0	58.321	2.437	0.0	1.903	0.0	0.0	1.858	0.0	0.0	2.049	0.0	0.0	2.026	0.0
147	4293	4294	SN	1	0.0	33.961	15.476	0.0	25.921	13.628	0.0	211.991	13.28	0.0	14.791	12.353	0.0	1.892	0.0	0.0	1.933	0.0	0.0	2.061	0.0	0.0	2.11	0.0
148	4293	4294	SN	1	0.0	24.608	9.373	0.0	26.875	9.611	0.0	198.518	3.625	0.0	85.438	4.128	0.0	1.883	0.0	0.0	1.954	0.0	0.0	2.059	0.0	0.0	2.105	0.0
149	4294	4295	NS	1	0.0	25.921	15.013	0.0	33.774	14.581	0.0	354.882	10.859	0.0	41.473	11.033	0.0	1.924	0.0	0.0	1.866	0.0	0.0	2.055	0.0	0.0	2.028	0.0
150	4294	4295	NS	1	0.0	25.92	15.033	0.0	33.779	14.551	0.0	354.888	10.859	0.0	41.528	11.011	0.0	1.917	0.0	0.0	1.867	0.0	0.0	2.055	0.0	0.0	2.028	0.0
151	4294	4295	NS	1	0.0	26.886	8.749	0.0	25.772	8.514	0.0	349.781	2.711	0.0	67.757	2.449	0.0	1.912	0.0	0.0	1.857	0.0	0.0	2.048	0.0	0.0	2.027	0.0
152	4294	4295	SN	1	0.0	24.624	9.393	0.0	26.709	9.537	0.0	191.321	3.606	0.0	87.363	4.096	0.0	1.884	0.0	0.0	1.956	0.0	0.0	2.062	0.0	0.0	2.107	0.0
153	4294	4295	SN	1	0.0	33.835	15.442	0.0	27.305	14.309	0.0	345.391	13.008	0.0	91.593	13.308	0.0	1.892	0.0	0.0	1.938	0.0	0.0	2.066	0.0	0.0	2.112	0.0
154	4294	4295	SN	1	0.0	33.835	15.442	0.0	27.338	14.32	0.0	345.396	13.015	0.0	91.461	13.294	0.0	1.893	0.0	0.0	1.937	0.0	0.0	2.065	0.0	0.0	2.111	0.0
155	4294	4295	NS	1	0.0	26.891	8.756	0.0	25.783	8.512	0.0	341.045	2.704	0.0	67.851	2.445	0.0	1.91	0.0	0.0	1.857	0.0	0.0	2.047	0.0	0.0	2.027	0.0
156	4294	4295	SN	1	0.0	24.624	9.378	0.0	26.891	9.541	0.0	191.597	3.601	0.0	87.225	4.085	0.0	1.884	0.0	0.0	1.955	0.0	0.0	2.062	0.0	0.0	2.106	0.0
157	4295	4296	SN	1	0.0	24.613	9.457	0.0	26.704	9.388	0.0	161.055	3.724	0.0	14.212	3.86	0.0	1.883	0.0	0.0	1.953	0.0	0.0	2.061	0.0	0.0	2.104	0.0
158	4295	4296	SN	1	0.0	33.812	15.582	0.0	25.568	13.43	0.0	186.586	13.241	0.0	14.791	12.085	0.0	1.892	0.0	0.0	1.933	0.0	0.0	2.064	0.0	0.0	2.109	0.0
159	4295	4296	NS	1	0.0	25.921	14.948	0.0	33.807	14.65	0.0	357.358	10.831	0.0	45.19	10.935	0.0	1.92	0.0	0.0	1.867	0.0	0.0	2.054	0.0	0.0	2.027	0.0
160	4295	4296	NS	1	0.0	25.921	14.948	0.0	33.807	14.65	0.0	357.358	10.831	0.0	45.19	10.935	0.0	1.92	0.0	0.0	1.867	0.0	0.0	2.054	0.0	0.0	2.027	0.0
161	4295	4296	SN	1	0.0	31.573	15.425	0.0	27.288	14.383	0.0	186.586	12.978	0.0	73.603	13.404	0.0	1.892	0.0	0.0	1.933	0.0	0.0	2.064	0.0	0.0	2.109	0.0
162	4295	4296	SN	1	0.0	33.812	15.452	0.0	27.31	14.342	0.0	186.586	12.992	0.0	73.432	13.272	0.0	1.892	0.0	0.0	1.933	0.0	0.0	2.064	0.0	0.0	2.109	0.0
163	4295	4296	NS	1	0.0	26.913	8.778	0.0	25.777	8.558	0.0	357.072	2.717	0.0	60.979	2.426	0.0	1.908	0.0	0.0	1.857	0.0	0.0	2.049	0.0	0.0	2.026	0.0
164	4295	4296	NS	1	0.0	26.913	8.778	0.0	25.777	8.558	0.0	357.072	2.717	0.0	60.979	2.426	0.0	1.908	0.0	0.0	1.857	0.0	0.0	2.049	0.0	0.0	2.026	0.0
165	4295	4296	SN	1	0.0	24.613	9.359	0.0	26.742	9.58	0.0	161.055	3.595	0.0	76.126	4.129	0.0	1.883	0.0	0.0	1.953	0.0	0.0	2.061	0.0	0.0	2.104	0.0
166	4295	4296	SN	1	0.0	24.613	9.357	0.0	26.704	9.537	0.0	161.055	3.599	0.0	75.925	4.079	0.0	1.883	0.0	0.0	1.953	0.0	0.0	2.061	0.0	0.0	2.104	0.0
167	4296	4297	NS	1	0.0	26.902	8.781	0.0	25.772	8.524	0.0	347.167	2.705	0.0	62.479	2.44	0.0	1.912	0.0	0.0	1.856	0.0	0.0	2.05	0.0	0.0	2.027	0.0
168	4296	4297	NS	1	0.0	25.926	14.972	0.0	33.846	14.63	0.0	357.48	10.834	0.0	52.155	10.943	0.0	1.918	0.0	0.0	1.863	0.0	0.0	2.054	0.0	0.0	2.027	0.0
169	4296	4297	SN	1	0.0	24.608	9.334	0.0	26.935	9.508	0.0	194.801	3.558	0.0	76.951	4.074	0.0	1.883	0.0	0.0	1.953	0.0	0.0	2.063	0.0	0.0	2.106	0.0
170	4296	4297	NS	1	0.0	26.902	8.779	0.0	25.772	8.549	0.0	347.067	2.7	0.0	62.314	2.43	0.0	1.913	0.0	0.0	1.856	0.0	0.0	2.051	0.0	0.0	2.027	0.0
171	4296	4297	SN	1	0.0	36.498	15.648	0.0	25.17	13.372	0.0	350.371	13.319	0.0	14.786	12.004	0.0	1.891	0.0	0.0	1.937	0.0	0.0	2.066	0.0	0.0	2.099	0.0
172	4296	4297	NS	1	0.0	25.926	14.962	0.0	33.851	14.66	0.0	357.491	10.877	0.0	52.255	10.978	0.0	1.918	0.0	0.0	1.865	0.0	0.0	2.053	0.0	0.0	2.027	0.0
173	4296	4297	SN	1	0.0	24.608	9.334	0.0	26.935	9.55	0.0	194.266	3.563	0.0	76.951	4.143	0.0	1.882	0.0	0.0	1.954	0.0	0.0	2.063	0.0	0.0	2.107	0.0
174	4296	4297	SN	1	0.0	24.608	9.466	0.0	26.72	9.335	0.0	194.266	3.704	0.0	14.157	3.898	0.0	1.882	0.0	0.0	1.954	0.0	0.0	2.063	0.0	0.0	2.107	0.0
175	4296	4297	SN	1	0.0	36.653	15.478	0.0	27.327	14.338	0.0	350.365	13.01	0.0	70.222	13.241	0.0	1.892	0.0	0.0	1.936	0.0	0.0	2.066	0.0	0.0	2.098	0.0
176	4296	4297	SN	1	0.0	34.342	15.481	0.0	27.327	14.402	0.0	350.371	12.988	0.0	70.222	13.335	0.0	1.891	0.0	0.0	1.937	0.0	0.0	2.066	0.0	0.0	2.099	0.0
177	4297	4298	SN	1	0.0	24.613	9.314	0.0	27.365	9.524	0.0	273.941	3.604	0.0	72.517	4.132	0.0	1.882	0.0	0.0	1.952	0.0	0.0	2.062	0.0	0.0	2.11	0.0
178	4297	4298	NS	1	0.0	27.012	8.751	0.0	25.766	8.54	0.0	345.06	2.71	0.0	59.579	2.452	0.0	1.909	0.0	0.0	1.856	0.0	0.0	2.049	0.0	0.0	2.026	0.0
179	4297	4298	SN	1	0.0	33.923	15.505	0.0	27.228	14.376	0.0	350.52	13.072	0.0	68.816	13.161	0.0	1.891	0.0	0.0	1.933	0.0	0.0	2.065	0.0	0.0	2.113	0.0

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



180	4297	4298	NS	1	0.0	25.921	14.961	0.0	33.868	14.571	0.0	355.88	10.83	0.0	50.766	10.925	0.0	1.916	0.0	0.0	1.864	0.0	0.0	2.052	0.0	0.0	2.028	0.0
181	4298	4299	SN	1	0.0	24.624	9.36	0.0	27.101	9.534	0.0	258.78	3.593	0.0	75.407	4.123	0.0	1.883	0.0	0.0	1.958	0.0	0.0	2.063	0.0	0.0	2.107	0.0
182	4298	4299	NS	1	0.0	27.029	8.736	0.0	25.772	8.533	0.0	345.264	2.694	0.0	60.025	2.468	0.0	1.903	0.0	0.0	1.856	0.0	0.0	2.049	0.0	0.0	2.026	0.0
183	4298	4299	NS	1	0.0	27.029	8.736	0.0	25.772	8.533	0.0	345.264	2.694	0.0	60.025	2.468	0.0	1.903	0.0	0.0	1.856	0.0	0.0	2.049	0.0	0.0	2.026	0.0
184	4298	4299	SN	1	0.0	34.281	15.498	0.0	27.321	14.352	0.0	162.792	13.038	0.0	72.12	13.233	0.0	1.891	0.0	0.0	1.938	0.0	0.0	2.067	0.0	0.0	2.117	0.0
185	4298	4299	NS	1	0.0	25.915	14.961	0.0	33.862	14.514	0.0	355.88	10.809	0.0	51.019	10.983	0.0	1.914	0.0	0.0	1.865	0.0	0.0	2.052	0.0	0.0	2.028	0.0
186	4298	4299	NS	1	0.0	25.915	14.961	0.0	33.862	14.514	0.0	355.88	10.809	0.0	51.019	10.983	0.0	1.914	0.0	0.0	1.865	0.0	0.0	2.052	0.0	0.0	2.028	0.0
187	4299	4300	SN	1	0.0	34.0	15.547	0.0	27.288	14.267	0.0	147.306	13.037	0.0	70.592	13.202	0.0	1.891	0.0	0.0	1.938	0.0	0.0	2.066	0.0	0.0	2.116	0.0
188	4299	4300	NS	1	0.0	25.932	15.018	0.0	38.224	14.561	0.0	356.746	10.932	0.0	51.549	11.024	0.0	1.924	0.0	0.0	1.863	0.0	0.0	2.053	0.0	0.0	2.027	0.0
189	4299	4300	NS	1	0.0	26.996	8.76	0.0	25.777	8.537	0.0	344.365	2.705	0.0	15.867	2.422	0.0	1.903	0.0	0.0	1.856	0.0	0.0	2.046	0.0	0.0	2.026	0.0
190	4299	4300	NS	1	0.0	25.932	15.016	0.0	34.05	14.466	0.0	356.746	10.974	0.0	24.26	10.952	0.0	1.924	0.0	0.0	1.863	0.0	0.0	2.053	0.0	0.0	2.027	0.0
191	4299	4300	SN	1	0.0	24.624	9.369	0.0	26.693	9.531	0.0	211.274	3.603	0.0	76.162	4.112	0.0	1.882	0.0	0.0	1.955	0.0	0.0	2.062	0.0	0.0	2.102	0.0
192	4299	4300	NS	1	0.0	26.996	8.743	0.0	25.777	8.538	0.0	344.365	2.691	0.0	49.31	2.455	0.0	1.903	0.0	0.0	1.856	0.0	0.0	2.046	0.0	0.0	2.026	0.0
193	4300	4301	NS	1	0.0	27.001	8.746	0.0	25.766	8.551	0.0	348.617	2.691	0.0	50.198	2.432	0.0	1.91	0.0	0.0	1.856	0.0	0.0	2.048	0.0	0.0	2.026	0.0
194	4300	4301	SN	1	0.0	33.994	15.537	0.0	27.283	14.287	0.0	149.716	13.044	0.0	71.883	13.287	0.0	1.892	0.0	0.0	1.939	0.0	0.0	2.063	0.0	0.0	2.115	0.0
195	4300	4301	NS	1	0.0	25.926	15.048	0.0	37.811	14.581	0.0	325.697	10.876	0.0	52.365	10.901	0.0	1.915	0.0	0.0	1.862	0.0	0.0	2.053	0.0	0.0	2.026	0.0
196	4300	4301	SN	1	0.0	24.613	9.38	0.0	26.698	9.52	0.0	207.358	3.6	0.0	63.252	4.105	0.0	1.883	0.0	0.0	1.953	0.0	0.0	2.059	0.0	0.0	2.1	0.0
197	4300	4301	NS	1	0.0	25.926	15.219	0.0	30.989	14.047	0.0	325.697	11.127	0.0	14.345	10.513	0.0	1.915	0.0	0.0	1.862	0.0	0.0	2.053	0.0	0.0	2.026	0.0
198	4300	4301	NS	1	0.0	27.001	8.89	0.0	25.766	8.54	0.0	348.617	2.775	0.0	11.929	2.367	0.0	1.91	0.0	0.0	1.856	0.0	0.0	2.048	0.0	0.0	2.026	0.0
199	4301	4302	NS	1	0.0	25.921	15.432	0.0	31.0	14.006	0.0	335.061	11.623	0.0	13.12	10.49	0.0	1.919	0.0	0.0	1.864	0.0	0.0	2.055	0.0	0.0	2.026	0.0
200	4301	4302	SN	1	0.0	24.63	9.391	0.0	26.693	9.541	0.0	218.995	3.609	0.0	68.86	4.086	0.0	1.883	0.0	0.0	1.955	0.0	0.0	2.058	0.0	0.0	2.107	0.0
201	4301	4302	NS	1	0.0	27.01	9.113	0.0	25.772	8.642	0.0	318.472	2.914	0.0	11.824	2.472	0.0	1.907	0.0	0.0	1.856	0.0	0.0	2.049	0.0	0.0	2.026	0.0
202	4301	4302	SN	1	0.0	33.923	15.47	0.0	27.338	14.339	0.0	157.2	13.011	0.0	70.945	13.314	0.0	1.89	0.0	0.0	1.938	0.0	0.0	2.063	0.0	0.0	2.096	0.0
203	4301	4302	NS	1	0.0	25.921	15.001	0.0	33.857	14.641	0.0	335.061	10.92	0.0	53.28	10.944	0.0	1.919	0.0	0.0	1.864	0.0	0.0	2.055	0.0	0.0	2.026	0.0
204	4301	4302	NS	1	0.0	27.01	8.76	0.0	25.772	8.555	0.0	318.472	2.716	0.0	51.615	2.444	0.0	1.907	0.0	0.0	1.856	0.0	0.0	2.049	0.0	0.0	2.026	0.0
205	4302	4303	NS	1	0.0	25.926	15.586	0.0	30.989	13.903	0.0	341.618	11.963	0.0	13.55	10.483	0.0	1.917	0.0	0.0	1.869	0.0	0.0	2.052	0.0	0.0	2.027	0.0
206	4302	4303	NS	1	0.0	26.902	9.276	0.0	25.772	8.727	0.0	344.172	3.008	0.0	11.775	2.508	0.0	1.909	0.0	0.0	1.857	0.0	0.0	2.05	0.0	0.0	2.026	0.0

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