

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

Report between 31-DEC-2016 To 01-JAN-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	1390	1391	SN	1	0.0	51.452	3.603	0.0	49.784	4.499	0.0	46.662	3.051	0.0	63.374	4.658	0.0	52.501	3.359	0.0	46.776	3.713	0.0	42.477	2.874	0.0	58.801	3.017
2	1391	1392	NS	1	0.0	64.358	6.332	0.0	58.63	6.951	0.0	53.771	4.963	0.0	47.265	6.658	0.0	65.21	5.961	0.0	56.988	6.175	0.0	54.849	4.856	0.0	45.872	4.434
3	1391	1392	SN	1	0.0	47.221	2.087	0.0	44.286	2.5	0.0	49.289	1.776	0.0	55.681	2.352	0.0	45.993	2.03	0.0	45.234	2.088	0.0	54.973	1.737	0.0	49.993	1.779
4	1391	1392	NS	1	0.0	57.197	1.928	0.0	57.285	1.963	0.0	47.949	1.498	0.0	51.087	2.19	0.0	55.947	1.859	0.0	56.106	1.607	0.0	52.318	1.461	0.0	50.569	1.292
5	1391	1392	SN	1	0.0	63.387	7.011	0.0	53.74	8.297	0.0	47.634	5.768	0.0	55.298	7.223	0.0	65.893	7.07	0.0	57.297	7.231	0.0	48.991	5.718	0.0	53.193	5.626
6	1392	1393	SN	1	0.0	56.713	6.687	0.0	56.973	8.316	0.0	53.409	6.051	0.0	51.854	7.903	0.0	58.41	6.738	0.0	56.884	7.46	0.0	53.578	6.563	0.0	51.569	6.617
7	1392	1393	SN	1	0.0	54.331	2.192	0.0	57.208	2.677	0.0	48.497	2.091	0.0	49.943	3.173	0.0	58.808	2.226	0.0	56.884	2.337	0.0	47.509	2.186	0.0	49.111	2.391
8	1392	1393	NS	1	0.0	42.671	1.383	0.0	57.165	1.674	0.0	44.744	1.395	0.0	50.966	2.204	0.0	42.497	1.429	0.0	58.322	1.406	0.0	43.286	1.37	0.0	49.15	1.413
9	1392	1393	NS	1	0.0	53.238	4.763	0.0	69.262	5.732	0.0	47.821	4.224	0.0	45.019	6.258	0.0	54.588	4.586	0.0	70.499	4.948	0.0	48.22	4.21	0.0	44.178	4.32
10	1393	1394	SN	1	0.0	46.176	1.21	0.0	44.93	1.817	0.0	47.985	1.528	0.0	54.321	2.769	0.0	42.35	1.121	0.0	41.691	1.341	0.0	44.843	1.305	0.0	53.839	1.517
11	1393	1394	NS	1	0.0	62.988	6.011	0.0	60.257	7.747	0.0	69.304	5.475	0.0	58.822	7.727	0.0	65.613	6.019	0.0	62.523	7.562	0.0	66.157	5.93	0.0	62.651	6.337
12	1393	1394	SN	1	0.0	46.995	3.711	0.0	49.912	5.269	0.0	47.801	4.03	0.0	51.718	6.985	0.0	45.875	3.45	0.0	50.75	4.093	0.0	46.731	3.923	0.0	52.418	4.216
13	1393	1394	NS	1	0.0	46.699	1.964	0.0	48.666	2.644	0.0	56.902	1.841	0.0	58.744	2.902	0.0	51.012	2.025	0.0	48.352	2.488	0.0	54.745	1.953	0.0	58.42	2.225
14	1394	1395	NS	1	0.0	52.825	1.484	0.0	51.558	1.824	0.0	45.109	1.404	0.0	49.055	1.907	0.0	49.778	1.499	0.0	51.486	1.651	0.0	45.388	1.517	0.0	45.786	1.467
15	1394	1395	SN	1	0.0	44.475	4.678	0.0	54.954	5.678	0.0	45.012	4.498	0.0	56.585	6.771	0.0	46.551	4.493	0.0	55.776	4.826	0.0	44.626	4.292	0.0	54.925	4.573
16	1394	1395	SN	1	0.0	46.869	1.619	0.0	42.991	1.887	0.0	54.329	1.56	0.0	48.002	2.538	0.0	43.744	1.549	0.0	44.642	1.506	0.0	51.668	1.475	0.0	44.76	1.621
17	1394	1395	NS	1	0.0	55.918	4.888	0.0	53.757	6.031	0.0	43.978	4.664	0.0	51.464	6.345	0.0	58.873	4.964	0.0	56.054	5.508	0.0	45.878	4.699	0.0	54.365	5.062
18	1395	1396	SN	1	0.0	43.407	1.257	0.0	49.046	1.661	0.0	43.327	1.464	0.0	47.371	2.261	0.0	44.48	1.12	0.0	50.192	1.305	0.0	41.932	1.352	0.0	43.317	1.36
19	1395	1396	NS	1	0.0	47.102	2.021	0.0	48.438	1.963	0.0	53.783	1.804	0.0	52.863	2.489	0.0	49.862	1.983	0.0	46.162	1.751	0.0	50.59	1.945	0.0	56.031	1.774
20	1395	1396	SN	1	0.0	57.691	4.403	0.0	56.173	5.196	0.0	44.085	4.218	0.0	51.252	5.69	0.0	60.67	3.982	0.0	55.562	4.285	0.0	42.304	3.792	0.0	51.105	3.627
21	1395	1396	NS	1	0.0	58.178	6.364	0.0	53.576	7.045	0.0	48.14	5.289	0.0	51.801	7.229	0.0	58.3	6.507	0.0	57.677	6.244	0.0	47.966	5.851	0.0	53.045	5.461
22	1396	1397	SN	1	0.0	56.755	7.771	0.0	51.603	8.762	0.0	52.44	6.136	0.0	48.873	8.608	0.0	60.306	7.676	0.0	51.129	7.985	0.0	54.397	6.361	0.0	49.247	6.503
23	1396	1397	NS	1	0.0	53.532	2.579	0.0	57.584	2.736	0.0	51.855	2.279	0.0	55.875	3.027	0.0	50.828	2.733	0.0	57.714	2.563	0.0	47.869	2.549	0.0	53.63	2.4
24	1396	1397	SN	1	0.0	50.808	2.53	0.0	55.895	2.514	0.0	62.16	1.996	0.0	48.226	3.018	0.0	52.53	2.539	0.0	53.373	2.208	0.0	63.819	2.072	0.0	47.119	1.936
25	1396	1397	NS	1	0.0	50.321	8.238	0.0	53.472	8.947	0.0	59.655	6.67	0.0	57.666	8.954	0.0	54.002	8.593	0.0	50.718	8.373	0.0	57.51	7.488	0.0	55.632	7.414
26	1397	1398	SN	1	0.0	52.23	6.825	0.0	56.662	7.524	0.0	51.365	4.413	0.0	59.535	7.128	0.0	51.936	6.648	0.0	52.962	6.411	0.0	53.962	4.278	0.0	55.536	4.972
27	1397	1398	SN	1	0.0	49.943	1.847	0.0	45.985	1.97	0.0	57.002	1.371	0.0	51.741	2.143	0.0	54.48	1.798	0.0	44.087	1.574	0.0	57.654	1.367	0.0	52.879	1.322
28	1397	1398	NS	1	0.0	51.243	1.72	0.0	48.223	2.615	0.0	47.395	1.968	0.0	53.562	2.713	0.0	50.781	1.655	0.0	48.663	2.143	0.0	47.034	1.915	0.0	51.067	1.954
29	1397	1398	NS	1	0.0	52.866	5.919	0.0	51.141	7.74	0.0	50.701	5.631	0.0	45.307	7.429	0.0	55.027	5.582	0.0	50.723	6.904	0.0	55.122	5.653	0.0	45.353	5.568
30	1398	1399	NS	1	0.0	47.519	1.936	0.0	47.75	2.076	0.0	43.099	1.588	0.0	44.357	2.324	0.0	51.071	1.974	0.0	45.257	1.826	0.0	46.558	1.603	0.0	46.042	1.773
31	1398	1399	SN	1	0.0	55.542	4.59	0.0	55.185	4.87	0.0	48.738	3.872	0.0	52.001	5.109	0.0	55.551	4.251	0.0	53.004	4.164	0.0	48.6	3.551	0.0	51.043	3.268

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

32	1398	1399	NS	1	0.0	52.219	6.284	0.0	45.578	6.56	0.0	50.455	5.16	0.0	57.228	6.86	0.0	51.854	6.343	0.0	48.121	6.138	0.0	52.21	5.302	0.0	59.232	5.512
33	1398	1399	SN	1	0.0	53.054	1.468	0.0	51.679	1.444	0.0	46.268	1.314	0.0	45.477	1.705	0.0	52.439	1.353	0.0	50.99	1.128	0.0	48.601	1.184	0.0	47.05	0.977
34	1399	1400	SN	1	0.0	51.489	3.938	0.0	55.543	4.463	0.0	59.103	3.661	0.0	55.282	5.32	0.0	54.07	3.601	0.0	55.002	3.509	0.0	57.934	3.547	0.0	58.07	3.549
35	1399	1400	NS	1	0.0	52.951	2.083	0.0	48.545	2.115	0.0	62.378	1.981	0.0	48.851	2.777	0.0	57.177	2.02	0.0	50.792	1.79	0.0	66.472	2.097	0.0	43.129	1.863
36	1399	1400	NS	1	0.0	50.582	6.843	0.0	45.374	7.286	0.0	64.086	5.873	0.0	50.024	7.438	0.0	51.839	6.598	0.0	48.304	6.265	0.0	65.249	6.221	0.0	49.121	5.405
37	1399	1400	SN	1	0.0	41.392	1.243	0.0	53.684	1.469	0.0	46.531	1.169	0.0	49.159	1.971	0.0	44.207	1.19	0.0	53.3	1.169	0.0	44.848	1.135	0.0	50.122	1.277
38	1400	1401	NS	1	0.0	53.367	4.584	0.0	51.628	5.83	0.0	52.787	4.436	0.0	49.959	6.239	0.0	55.056	4.491	0.0	49.173	4.909	0.0	50.441	4.571	0.0	52.077	4.371
39	1400	1401	NS	1	0.0	53.104	1.368	0.0	53.794	1.864	0.0	53.079	1.398	0.0	47.593	2.286	0.0	55.379	1.29	0.0	53.418	1.514	0.0	57.366	1.366	0.0	47.967	1.479
40	1402	1403	SN	1	0.0	55.854	7.247	0.0	59.552	8.47	0.0	49.878	6.083	0.0	56.156	8.254	0.0	55.834	7.399	0.0	57.25	7.981	0.0	49.519	6.332	0.0	56.369	6.923
41	1402	1403	SN	1	0.0	54.509	2.347	0.0	52.058	2.611	0.0	56.336	2.085	0.0	55.602	2.663	0.0	57.449	2.366	0.0	53.455	2.355	0.0	56.834	2.273	0.0	50.184	2.097
42	1403	1404	NS	1	0.0	52.004	1.52	0.0	47.338	1.991	0.0	45.582	1.679	0.0	47.473	2.794	0.0	51.451	1.381	0.0	50.983	1.563	0.0	45.252	1.608	0.0	44.523	1.647
43	1403	1404	SN	1	0.0	48.251	6.692	0.0	52.55	7.997	0.0	54.563	5.976	0.0	54.341	8.467	0.0	49.084	7.214	0.0	51.365	7.702	0.0	55.239	6.956	0.0	51.839	6.817
44	1403	1404	SN	1	0.0	45.507	2.261	0.0	50.81	2.897	0.0	50.367	2.083	0.0	54.235	3.347	0.0	49.16	2.41	0.0	51.719	2.7	0.0	51.556	2.397	0.0	49.399	2.548
45	1403	1404	NS	1	0.0	53.297	4.856	0.0	48.865	5.744	0.0	59.768	4.65	0.0	48.938	7.025	0.0	51.329	4.553	0.0	50.656	4.722	0.0	62.596	4.437	0.0	51.88	4.564
46	1404	1405	NS	1	0.0	51.998	1.773	0.0	49.424	1.844	0.0	48.468	1.47	0.0	45.186	2.26	0.0	52.438	1.691	0.0	49.056	1.567	0.0	48.058	1.471	0.0	46.074	1.515
47	1404	1405	NS	1	0.0	52.694	5.55	0.0	57.607	5.998	0.0	50.092	4.708	0.0	48.287	6.34	0.0	51.658	5.103	0.0	56.23	5.153	0.0	54.355	4.85	0.0	50.452	4.678
48	1405	1406	NS	1	0.0	61.176	7.853	0.0	53.245	8.993	0.0	51.373	5.683	0.0	46.586	8.598	0.0	59.855	7.077	0.0	57.064	7.844	0.0	52.498	5.705	0.0	47.961	5.397
49	1405	1406	SN	1	0.0	55.403	3.754	0.0	46.675	4.193	0.0	49.342	3.237	0.0	60.0	5.051	0.0	54.111	3.661	0.0	46.069	3.644	0.0	49.231	3.322	0.0	58.738	3.322
50	1405	1406	SN	1	0.0	55.403	3.736	0.0	46.675	4.24	0.0	49.342	3.249	0.0	60.0	5.095	0.0	54.111	3.652	0.0	46.069	3.685	0.0	49.231	3.32	0.0	58.738	3.368
51	1405	1406	NS	1	0.0	61.176	7.853	0.0	53.245	8.993	0.0	51.373	5.683	0.0	46.586	8.598	0.0	59.855	7.077	0.0	57.064	7.844	0.0	52.498	5.705	0.0	47.961	5.397
52	1405	1406	SN	1	0.0	54.174	1.03	0.0	50.79	1.162	0.0	52.903	0.911	0.0	54.116	1.666	0.0	55.012	1.011	0.0	49.668	1.025	0.0	58.606	0.985	0.0	53.976	1.064
53	1405	1406	NS	1	0.0	50.646	2.207	0.0	50.644	2.477	0.0	47.112	1.528	0.0	49.168	2.866	0.0	53.31	2.017	0.0	45.445	2.066	0.0	47.189	1.518	0.0	44.463	1.493
54	1405	1406	SN	1	0.0	54.174	1.03	0.0	50.79	1.173	0.0	52.903	0.917	0.0	54.116	1.679	0.0	55.012	1.011	0.0	49.668	1.036	0.0	58.606	0.99	0.0	53.976	1.075
55	1406	1407	SN	1	0.0	50.448	2.207	0.0	51.053	2.82	0.0	45.774	2.186	0.0	53.109	3.305	0.0	49.184	2.272	0.0	50.278	2.632	0.0	49.627	2.491	0.0	50.808	2.489
56	1406	1407	NS	1	0.0	58.846	5.07	0.0	58.282	5.772	0.0	53.042	4.83	0.0	56.478	5.784	0.0	56.955	5.238	0.0	58.803	5.308	0.0	53.129	4.808	0.0	56.782	4.315
57	1406	1407	NS	1	0.0	61.305	5.303	0.0	51.127	6.16	0.0	47.559	4.224	0.0	47.576	7.003	0.0	58.814	5.218	0.0	51.532	5.873	0.0	48.071	4.664	0.0	44.802	4.863
58	1406	1407	SN	1	0.0	55.514	6.471	0.0	52.207	8.299	0.0	56.023	6.235	0.0	52.717	9.398	0.0	58.274	6.782	0.0	50.186	7.812	0.0	58.879	7.101	0.0	50.647	7.512
59	1406	1407	SN	1	0.0	55.514	6.471	0.0	52.207	8.299	0.0	56.023	6.235	0.0	52.717	9.398	0.0	58.274	6.782	0.0	50.186	7.812	0.0	58.879	7.101	0.0	50.647	7.512
60	1406	1407	NS	1	0.0	56.096	1.63	0.0	57.896	1.711	0.0	51.77	1.505	0.0	49.92	2.015	0.0	58.282	1.697	0.0	56.505	1.468	0.0	49.36	1.541	0.0	47.249	1.367
61	1406	1407	SN	1	0.0	50.448	2.207	0.0	51.053	2.82	0.0	45.774	2.186	0.0	53.109	3.305	0.0	49.184	2.272	0.0	50.278	2.632	0.0	49.627	2.491	0.0	50.808	2.489
62	1406	1407	NS	1	0.0	56.804	1.732	0.0	52.583	1.945	0.0	54.691	1.405	0.0	52.392	2.535	0.0	58.128	1.724	0.0	54.923	1.759	0.0	61.49	1.514	0.0	50.307	1.545
63	1407	1408	NS	1	0.0	52.654	6.563	0.0	49.222	7.608	0.0	44.841	5.712	0.0	50.539	7.42	0.0	52.394	6.436	0.0	47.828	7.236	0.0	45.283	6.238	0.0	55.368	6.143
64	1407	1408	NS	1	0.0	51.051	2.091	0.0	46.04	2.52	0.0	47.713	2.13	0.0	51.583	2.586	0.0	47.382	2.066	0.0	45.141	2.237	0.0	50.506	2.162	0.0	54.156	1.97
65	1407	1408	SN	1	0.0	53.163	1.459	0.0	44.696	2.024	0.0	43.615	1.621	0.0	50.124	2.812	0.0	54.716	1.364	0.0	47.873	1.634	0.0	46.134	1.539	0.0	48.765	1.892
66	1407	1408	NS	1	0.0	52.654	6.563	0.0	49.222	7.608	0.0	44.841	5.712	0.0	50.539	7.42	0.0	52.394	6.436	0.0	47.828	7.236	0.0	45.283	6.238	0.0	55.368	6.143
67	1407	1408	SN	1	0.0	53.163	1.459	0.0	44.696	2.024	0.0	43.615	1.621	0.0	50.124	2.812	0.0	54.716	1.364	0.0	47.873	1.634	0.0	46.134	1.539	0.0	48.765	1.892

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

68	1407	1408	SN	1	0.0	47.459	3.956	0.0	51.894	5.872	0.0	47.043	4.187	0.0	50.251	7.111	0.0	52.067	3.745	0.0	51.119	5.037	0.0	48.718	4.265	0.0	48.349	4.869
69	1407	1408	NS	1	0.0	51.051	2.091	0.0	46.04	2.52	0.0	47.713	2.13	0.0	51.583	2.586	0.0	47.382	2.066	0.0	45.141	2.237	0.0	50.506	2.162	0.0	54.156	1.97
70	1407	1408	SN	1	0.0	47.459	3.956	0.0	51.894	5.872	0.0	47.043	4.187	0.0	50.251	7.111	0.0	52.067	3.745	0.0	51.119	5.037	0.0	48.718	4.265	0.0	48.349	4.869
71	1408	1409	NS	1	0.0	46.661	2.406	0.0	55.596	2.952	0.0	49.391	2.099	0.0	53.079	3.028	0.0	44.201	2.505	0.0	56.428	2.743	0.0	48.72	2.335	0.0	54.142	2.366
72	1408	1409	SN	1	0.0	46.795	4.503	0.0	61.575	5.961	0.0	55.25	4.606	0.0	47.199	7.02	0.0	47.72	4.562	0.0	60.19	5.27	0.0	60.185	4.77	0.0	46.524	4.815
73	1408	1409	NS	1	0.0	49.407	7.387	0.0	50.248	8.974	0.0	53.389	6.365	0.0	55.393	8.431	0.0	50.884	7.413	0.0	51.105	8.738	0.0	56.164	6.841	0.0	60.4	7.062
74	1408	1409	NS	1	0.0	46.661	2.406	0.0	55.596	2.952	0.0	49.391	2.099	0.0	53.079	3.028	0.0	44.201	2.505	0.0	56.428	2.743	0.0	48.72	2.335	0.0	54.142	2.366
75	1408	1409	SN	1	0.0	46.795	4.503	0.0	61.575	5.961	0.0	55.25	4.606	0.0	47.199	7.02	0.0	47.72	4.562	0.0	60.19	5.27	0.0	60.185	4.77	0.0	46.524	4.815
76	1408	1409	SN	1	0.0	44.592	1.501	0.0	48.276	1.955	0.0	50.842	1.768	0.0	47.009	2.694	0.0	47.862	1.516	0.0	48.203	1.696	0.0	47.2	1.755	0.0	48.734	1.841
77	1408	1409	NS	1	0.0	49.407	7.387	0.0	50.248	8.974	0.0	53.389	6.365	0.0	55.393	8.431	0.0	50.884	7.413	0.0	51.105	8.738	0.0	56.164	6.841	0.0	60.4	7.062
78	1408	1409	SN	1	0.0	44.592	1.501	0.0	48.276	1.955	0.0	50.842	1.768	0.0	47.009	2.694	0.0	47.862	1.516	0.0	48.203	1.696	0.0	47.2	1.755	0.0	48.734	1.841
79	1409	1410	SN	1	0.0	44.795	3.409	0.0	50.248	4.435	0.0	48.664	3.478	0.0	47.584	5.661	0.0	47.403	3.072	0.0	45.0	3.524	0.0	50.097	3.45	0.0	43.447	3.578
80	1409	1410	SN	1	0.0	50.321	3.106	0.0	51.26	4.426	0.0	53.345	3.441	0.0	42.032	5.776	0.0	51.863	2.887	0.0	46.744	3.719	0.0	54.473	3.476	0.0	44.026	3.604
81	1409	1410	NS	1	0.0	51.201	5.608	0.0	48.596	5.93	0.0	44.71	4.573	0.0	54.095	5.788	0.0	50.363	5.726	0.0	50.498	5.6	0.0	45.484	4.886	0.0	52.536	4.84
82	1409	1410	NS	1	0.0	50.327	1.754	0.0	58.022	1.693	0.0	52.221	1.484	0.0	43.268	1.973	0.0	46.613	1.787	0.0	60.711	1.609	0.0	48.072	1.567	0.0	42.073	1.479
83	1409	1410	NS	1	0.0	51.201	5.608	0.0	48.596	5.93	0.0	44.71	4.573	0.0	54.095	5.788	0.0	50.363	5.726	0.0	50.498	5.6	0.0	45.484	4.886	0.0	52.536	4.84
84	1409	1410	SN	1	0.0	51.763	1.117	0.0	47.838	1.567	0.0	43.038	1.3	0.0	50.117	2.327	0.0	51.49	1.049	0.0	44.904	1.211	0.0	47.977	1.244	0.0	45.102	1.327
85	1409	1410	SN	1	0.0	44.795	3.409	0.0	50.248	4.435	0.0	48.664	3.478	0.0	47.584	5.661	0.0	47.403	3.072	0.0	45.0	3.524	0.0	50.097	3.45	0.0	43.447	3.578
86	1409	1410	SN	1	0.0	51.763	1.117	0.0	47.838	1.567	0.0	43.038	1.3	0.0	50.117	2.327	0.0	51.49	1.049	0.0	44.904	1.211	0.0	47.977	1.244	0.0	45.102	1.327
87	1409	1410	NS	1	0.0	50.327	1.754	0.0	58.022	1.693	0.0	52.221	1.484	0.0	43.268	1.973	0.0	46.613	1.787	0.0	60.711	1.609	0.0	48.072	1.567	0.0	42.073	1.479
88	1409	1410	SN	1	0.0	53.535	1.131	0.0	42.16	1.516	0.0	46.603	1.323	0.0	45.381	2.305	0.0	55.92	1.005	0.0	43.451	1.231	0.0	49.334	1.252	0.0	44.545	1.324
89	1410	1411	NS	1	0.0	52.381	7.809	0.0	58.676	8.068	0.0	58.989	6.237	0.0	54.351	7.926	0.0	54.85	7.699	0.0	63.139	7.096	0.0	62.743	6.258	0.0	61.02	5.874
90	1410	1411	SN	1	0.0	50.12	1.554	0.0	46.746	1.936	0.0	52.751	1.522	0.0	47.143	2.718	0.0	53.938	1.447	0.0	48.713	1.495	0.0	52.658	1.446	0.0	46.728	1.596
91	1410	1411	SN	1	0.0	50.423	5.458	0.0	48.856	6.673	0.0	46.192	4.517	0.0	48.754	7.334	0.0	51.863	5.122	0.0	50.673	5.37	0.0	46.94	4.36	0.0	49.906	4.688
92	1410	1411	NS	1	0.0	52.126	7.758	0.0	53.747	8.052	0.0	48.961	6.23	0.0	63.557	7.912	0.0	51.619	7.699	0.0	54.337	7.233	0.0	53.025	6.35	0.0	60.754	5.909
93	1410	1411	SN	1	0.0	48.024	5.084	0.0	47.713	6.156	0.0	50.913	4.6	0.0	64.182	7.226	0.0	44.773	4.714	0.0	46.217	4.697	0.0	50.493	4.451	0.0	61.935	4.865
94	1410	1411	NS	1	0.0	45.511	2.431	0.0	59.635	2.481	0.0	50.086	2.032	0.0	49.458	2.78	0.0	46.71	2.366	0.0	58.876	2.125	0.0	47.754	2.032	0.0	47.05	1.873
95	1410	1411	SN	1	0.0	64.23	1.56	0.0	41.45	1.861	0.0	57.689	1.548	0.0	47.269	2.627	0.0	62.503	1.476	0.0	41.597	1.442	0.0	57.735	1.442	0.0	43.843	1.536
96	1410	1411	SN	1	0.0	64.23	1.56	0.0	41.45	1.861	0.0	57.689	1.548	0.0	47.269	2.627	0.0	62.503	1.476	0.0	41.597	1.442	0.0	57.735	1.442	0.0	43.843	1.536
97	1410	1411	NS	1	0.0	45.511	2.431	0.0	59.635	2.481	0.0	50.086	2.032	0.0	49.458	2.78	0.0	46.71	2.366	0.0	58.876	2.125	0.0	47.754	2.032	0.0	47.05	1.873
98	1410	1411	NS	1	0.0	50.915	2.448	0.0	56.153	2.456	0.0	47.911	1.979	0.0	63.582	2.757	0.0	51.831	2.396	0.0	56.316	2.1	0.0	53.093	2.007	0.0	64.688	1.895
99	1410	1411	SN	1	0.0	48.024	5.084	0.0	47.713	6.156	0.0	50.913	4.6	0.0	64.182	7.226	0.0	44.773	4.714	0.0	46.217	4.697	0.0	50.493	4.451	0.0	61.935	4.865
100	1410	1411	NS	1	0.0	52.126	7.758	0.0	53.747	8.052	0.0	48.961	6.23	0.0	63.557	7.912	0.0	51.619	7.699	0.0	54.337	7.233	0.0	53.025	6.35	0.0	60.754	5.909
101	1411	1412	SN	1	0.0	56.622	6.634	0.0	55.994	7.053	0.0	56.164	5.427	0.0	47.029	7.135	0.0	57.552	6.39	0.0	54.708	6.038	0.0	56.73	5.236	0.0	49.372	5.071
102	1411	1412	NS	1	0.0	57.131	5.794	0.0	51.937	7.216	0.0	54.581	5.362	0.0	66.482	8.105	0.0	56.643	5.726	0.0	54.949	6.177	0.0	56.086	5.398	0.0	68.409	5.888
103	1411	1412	SN	1	0.0	56.622	6.634	0.0	55.994	7.053	0.0	56.164	5.427	0.0	47.029	7.135	0.0	57.552	6.39	0.0	54.708	6.038	0.0	56.73	5.236	0.0	49.372	5.071

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

104	1411	1412	SN	1	0.0	50.437	1.923	0.0	50.984	2.181	0.0	54.493	1.649	0.0	49.431	2.423	0.0	50.274	1.866	0.0	52.242	1.738	0.0	54.451	1.589	0.0	47.132	1.578
105	1411	1412	NS	1	0.0	46.702	1.774	0.0	60.435	2.38	0.0	46.21	1.728	0.0	58.139	3.097	0.0	46.993	1.772	0.0	59.138	2.02	0.0	47.689	1.767	0.0	52.341	2.114
106	1411	1412	NS	1	0.0	57.131	5.794	0.0	51.937	7.216	0.0	54.581	5.362	0.0	66.482	8.105	0.0	56.643	5.726	0.0	54.949	6.177	0.0	56.086	5.398	0.0	68.409	5.888
107	1411	1412	NS	1	0.0	46.702	1.774	0.0	60.435	2.38	0.0	46.21	1.728	0.0	58.139	3.097	0.0	46.993	1.772	0.0	59.138	2.02	0.0	47.689	1.767	0.0	52.341	2.114
108	1411	1412	SN	1	0.0	50.437	1.923	0.0	50.984	2.181	0.0	54.493	1.649	0.0	49.431	2.423	0.0	50.274	1.866	0.0	52.242	1.738	0.0	54.451	1.589	0.0	47.132	1.578
109	1412	1413	NS	1	0.0	41.706	1.406	0.0	55.209	1.67	0.0	52.436	1.258	0.0	52.182	2.066	0.0	43.879	1.419	0.0	55.729	1.488	0.0	49.956	1.4	0.0	52.049	1.536
110	1412	1413	SN	1	0.0	57.957	5.851	0.0	57.338	6.141	0.0	45.954	4.96	0.0	49.674	6.343	0.0	59.771	5.733	0.0	59.041	5.075	0.0	46.517	4.456	0.0	46.754	4.236
111	1412	1413	SN	1	0.0	51.807	1.709	0.0	54.863	1.852	0.0	53.446	1.509	0.0	53.699	2.084	0.0	55.416	1.606	0.0	51.875	1.489	0.0	51.087	1.374	0.0	54.756	1.216
112	1412	1413	NS	1	0.0	50.984	4.84	0.0	56.131	5.813	0.0	46.769	4.153	0.0	59.293	5.881	0.0	52.614	4.806	0.0	57.949	5.103	0.0	49.69	4.359	0.0	57.727	4.484
113	1412	1413	NS	1	0.0	41.706	1.406	0.0	55.209	1.67	0.0	52.436	1.258	0.0	52.182	2.066	0.0	43.879	1.419	0.0	55.729	1.488	0.0	49.956	1.4	0.0	52.049	1.536
114	1412	1413	NS	1	0.0	50.984	4.84	0.0	56.131	5.813	0.0	46.769	4.153	0.0	59.293	5.881	0.0	52.614	4.806	0.0	57.949	5.103	0.0	49.69	4.359	0.0	57.727	4.484
115	1412	1413	SN	1	0.0	57.957	5.851	0.0	57.338	6.141	0.0	45.954	4.96	0.0	49.674	6.343	0.0	59.771	5.733	0.0	59.041	5.075	0.0	46.517	4.456	0.0	46.754	4.236
116	1412	1413	SN	1	0.0	51.807	1.709	0.0	54.863	1.852	0.0	53.446	1.509	0.0	53.699	2.084	0.0	55.416	1.606	0.0	51.875	1.489	0.0	51.087	1.374	0.0	54.756	1.216
117	1413	1414	SN	1	0.0	49.001	4.309	0.0	66.462	4.766	0.0	56.702	3.923	0.0	46.402	5.698	0.0	49.64	3.913	0.0	66.013	3.796	0.0	58.044	3.789	0.0	48.671	3.905
118	1413	1414	NS	1	0.0	52.287	1.609	0.0	52.637	2.045	0.0	46.022	1.398	0.0	51.922	2.554	0.0	51.158	1.513	0.0	51.891	1.773	0.0	47.383	1.367	0.0	51.723	1.677
119	1413	1414	SN	1	0.0	52.244	1.3	0.0	54.516	1.424	0.0	48.921	1.303	0.0	43.808	2.186	0.0	52.991	1.26	0.0	54.548	1.119	0.0	47.678	1.241	0.0	48.839	1.302
120	1413	1414	SN	1	0.0	49.001	4.309	0.0	66.462	4.766	0.0	56.702	3.923	0.0	46.402	5.698	0.0	49.64	3.913	0.0	66.013	3.796	0.0	58.044	3.789	0.0	48.671	3.905
121	1413	1414	NS	1	0.0	57.128	5.258	0.0	55.46	6.676	0.0	44.441	4.614	0.0	53.183	7.412	0.0	59.555	4.963	0.0	54.175	5.804	0.0	47.526	4.422	0.0	53.944	5.108
122	1413	1414	SN	1	0.0	52.244	1.3	0.0	54.516	1.424	0.0	48.921	1.303	0.0	43.808	2.186	0.0	52.991	1.26	0.0	54.548	1.119	0.0	47.678	1.241	0.0	48.839	1.302
123	1413	1414	NS	1	0.0	52.42	1.644	0.0	52.637	1.952	0.0	46.022	1.535	0.0	51.922	2.49	0.0	52.954	1.579	0.0	51.891	1.708	0.0	47.383	1.528	0.0	51.723	1.626
124	1413	1414	SN	1	0.0	52.244	1.3	0.0	54.516	1.424	0.0	48.921	1.303	0.0	43.808	2.186	0.0	52.991	1.26	0.0	54.548	1.119	0.0	47.678	1.241	0.0	48.839	1.302
125	1413	1414	SN	1	0.0	49.001	4.309	0.0	66.462	4.766	0.0	56.702	3.923	0.0	46.402	5.698	0.0	49.64	3.913	0.0	66.013	3.796	0.0	58.044	3.789	0.0	48.671	3.905
126	1413	1414	NS	1	0.0	57.128	5.439	0.0	55.46	6.406	0.0	44.73	4.963	0.0	53.183	7.243	0.0	59.555	5.22	0.0	54.175	5.629	0.0	47.526	4.856	0.0	54.829	4.983
127	1414	1415	SN	1	0.0	63.631	8.55	0.0	74.988	9.457	0.0	53.763	7.066	0.0	50.582	9.645	0.0	63.147	8.727	0.0	76.146	8.74	0.0	55.137	7.783	0.0	50.936	7.753
128	1414	1415	NS	1	0.0	56.113	1.967	0.0	52.96	2.303	0.0	55.342	1.729	0.0	45.912	2.667	0.0	54.266	1.963	0.0	48.656	1.987	0.0	60.982	1.946	0.0	45.147	1.947
129	1414	1415	SN	1	0.0	57.234	2.832	0.0	49.878	3.208	0.0	51.359	2.493	0.0	49.888	3.55	0.0	57.656	2.905	0.0	51.689	2.787	0.0	52.702	2.798	0.0	48.085	2.633
130	1414	1415	NS	1	0.0	52.719	6.042	0.0	53.85	7.101	0.0	48.375	5.204	0.0	57.134	7.267	0.0	51.562	5.899	0.0	54.933	6.374	0.0	48.645	5.503	0.0	53.742	5.384
131	1414	1415	SN	1	0.0	63.631	8.55	0.0	74.988	9.457	0.0	53.763	7.066	0.0	50.582	9.645	0.0	63.147	8.727	0.0	76.146	8.74	0.0	55.137	7.783	0.0	50.936	7.753
132	1414	1415	NS	1	0.0	52.719	6.042	0.0	53.85	7.101	0.0	48.375	5.204	0.0	57.134	7.267	0.0	51.562	5.899	0.0	54.933	6.374	0.0	48.645	5.503	0.0	53.742	5.384
133	1414	1415	NS	1	0.0	56.113	1.967	0.0	52.96	2.303	0.0	55.342	1.729	0.0	45.912	2.667	0.0	54.266	1.963	0.0	48.656	1.987	0.0	60.982	1.946	0.0	45.147	1.947
134	1414	1415	SN	1	0.0	63.631	8.55	0.0	74.988	9.457	0.0	53.763	7.066	0.0	50.582	9.645	0.0	63.147	8.727	0.0	76.146	8.74	0.0	55.137	7.783	0.0	50.936	7.753
135	1414	1415	SN	1	0.0	57.234	2.832	0.0	49.878	3.208	0.0	51.359	2.493	0.0	49.888	3.55	0.0	57.656	2.905	0.0	51.689	2.787	0.0	52.702	2.798	0.0	48.085	2.633
136	1414	1415	NS	1	0.0	56.113	1.967	0.0	52.96	2.303	0.0	55.342	1.729	0.0	45.912	2.667	0.0	54.266	1.963	0.0	48.656	1.987	0.0	60.982	1.946	0.0	45.147	1.947
137	1414	1415	NS	1	0.0	52.719	6.042	0.0	53.85	7.101	0.0	48.375	5.204	0.0	57.134	7.267	0.0	51.562	5.899	0.0	54.933	6.374	0.0	48.645	5.503	0.0	53.742	5.384
138	1414	1415	SN	1	0.0	57.234	2.832	0.0	49.878	3.208	0.0	51.359	2.493	0.0	49.888	3.55	0.0	57.656	2.905	0.0	51.689	2.787	0.0	52.702	2.798	0.0	48.085	2.633
139	1415	1416	SN	1	0.0	49.334	2.135	0.0	46.47	2.131	0.0	44.775	1.682	0.0	54.034	2.299	0.0	48.98	2.169	0.0	48.448	2.044	0.0	47.456	1.833	0.0	58.193	1.797

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

140	1415	1416	NS	1	0.0	52.186	0.764	0.0	40.012	1.217	0.0	44.037	0.878	0.0	43.599	1.798	0.0	56.984	0.677	0.0	40.393	0.898	0.0	47.069	0.802	0.0	41.243	0.969
141	1415	1416	NS	1	0.0	47.403	2.343	0.0	43.738	3.712	0.0	42.116	2.474	0.0	52.309	4.72	0.0	47.496	2.2	0.0	42.694	2.858	0.0	48.619	2.389	0.0	51.964	2.474
142	1415	1416	SN	1	0.0	49.334	2.135	0.0	46.47	2.131	0.0	44.775	1.682	0.0	54.034	2.299	0.0	48.98	2.169	0.0	48.448	2.044	0.0	47.456	1.833	0.0	58.193	1.797
143	1415	1416	SN	1	0.0	49.334	2.135	0.0	46.47	2.131	0.0	44.775	1.68	0.0	54.034	2.299	0.0	48.98	2.169	0.0	48.448	2.042	0.0	47.456	1.833	0.0	58.193	1.797
144	1415	1416	NS	1	0.0	52.186	0.764	0.0	40.012	1.217	0.0	44.037	0.878	0.0	43.599	1.798	0.0	56.984	0.677	0.0	40.393	0.898	0.0	47.069	0.802	0.0	41.243	0.969
145	1415	1416	SN	1	0.0	55.05	7.28	0.0	53.495	7.618	0.0	52.477	5.548	0.0	45.107	6.971	0.0	56.51	7.465	0.0	54.629	7.128	0.0	58.356	6.045	0.0	45.132	5.52
146	1415	1416	NS	1	0.0	47.403	2.343	0.0	43.738	3.712	0.0	42.116	2.474	0.0	52.309	4.72	0.0	47.496	2.2	0.0	42.694	2.858	0.0	48.619	2.389	0.0	51.964	2.474
147	1415	1416	SN	1	0.0	55.05	7.28	0.0	53.495	7.618	0.0	52.477	5.548	0.0	45.107	6.971	0.0	56.51	7.465	0.0	54.629	7.128	0.0	58.356	6.045	0.0	45.132	5.52
148	1415	1416	SN	1	0.0	55.05	7.28	0.0	53.495	7.618	0.0	52.477	5.548	0.0	45.107	6.971	0.0	56.51	7.465	0.0	54.629	7.128	0.0	58.356	6.045	0.0	45.132	5.52
149	1415	1416	NS	1	0.0	52.186	0.764	0.0	40.012	1.217	0.0	44.037	0.878	0.0	43.599	1.798	0.0	56.984	0.677	0.0	40.393	0.898	0.0	47.069	0.802	0.0	41.243	0.969
150	1415	1416	NS	1	0.0	47.403	2.343	0.0	43.738	3.712	0.0	42.116	2.474	0.0	52.309	4.72	0.0	47.496	2.2	0.0	42.694	2.858	0.0	48.619	2.389	0.0	51.964	2.474
151	1416	1417	NS	1	0.0	49.592	5.091	0.0	48.359	6.017	0.0	56.75	4.614	0.0	46.314	6.725	0.0	48.428	4.897	0.0	48.773	5.273	0.0	58.591	4.706	0.0	46.506	4.678
152	1416	1417	SN	1	0.0	49.428	5.461	0.0	58.37	5.922	0.0	54.533	5.023	0.0	62.858	6.224	0.0	48.904	5.284	0.0	60.41	5.162	0.0	50.47	4.916	0.0	60.944	4.552
153	1416	1417	NS	1	0.0	48.028	1.563	0.0	43.007	1.934	0.0	56.857	1.603	0.0	50.977	2.468	0.0	49.608	1.536	0.0	42.793	1.639	0.0	58.591	1.644	0.0	47.155	1.649
154	1416	1417	SN	1	0.0	49.493	1.633	0.0	55.48	1.676	0.0	44.974	1.47	0.0	48.834	1.985	0.0	47.195	1.595	0.0	54.085	1.441	0.0	45.841	1.36	0.0	48.407	1.437
155	1416	1417	NS	1	0.0	49.592	5.082	0.0	48.359	6.017	0.0	56.75	4.614	0.0	46.314	6.725	0.0	48.428	4.888	0.0	48.773	5.273	0.0	58.591	4.706	0.0	46.506	4.678
156	1416	1417	SN	1	0.0	49.428	5.461	0.0	58.37	5.922	0.0	54.533	5.023	0.0	62.858	6.224	0.0	48.904	5.284	0.0	60.41	5.162	0.0	50.47	4.916	0.0	60.944	4.552
157	1416	1417	NS	1	0.0	48.028	1.563	0.0	43.007	1.934	0.0	56.857	1.603	0.0	50.977	2.468	0.0	49.608	1.536	0.0	42.793	1.639	0.0	58.591	1.644	0.0	47.155	1.649
158	1416	1417	NS	1	0.0	49.592	5.091	0.0	48.359	6.017	0.0	56.75	4.614	0.0	46.314	6.725	0.0	48.428	4.897	0.0	48.773	5.273	0.0	58.591	4.706	0.0	46.506	4.678
159	1416	1417	SN	1	0.0	49.493	1.633	0.0	55.48	1.676	0.0	44.974	1.47	0.0	48.834	1.985	0.0	47.195	1.595	0.0	54.085	1.441	0.0	45.841	1.36	0.0	48.407	1.437
160	1416	1417	SN	1	0.0	49.493	1.633	0.0	55.48	1.676	0.0	44.974	1.47	0.0	48.834	1.985	0.0	47.195	1.595	0.0	54.085	1.441	0.0	45.841	1.36	0.0	48.407	1.437
161	1416	1417	NS	1	0.0	48.028	1.563	0.0	43.007	1.934	0.0	56.857	1.603	0.0	50.977	2.468	0.0	49.608	1.536	0.0	42.793	1.639	0.0	58.591	1.644	0.0	47.155	1.649
162	1416	1417	SN	1	0.0	49.428	5.461	0.0	58.37	5.922	0.0	54.533	5.023	0.0	62.858	6.224	0.0	48.904	5.284	0.0	60.41	5.162	0.0	50.47	4.916	0.0	60.944	4.552
163	1417	1418	NS	1	0.0	52.425	1.701	0.0	48.147	1.951	0.0	54.673	1.663	0.0	49.852	2.863	0.0	54.163	1.743	0.0	48.849	1.688	0.0	57.111	1.673	0.0	52.174	1.917
164	1417	1418	SN	1	0.0	53.248	5.577	0.0	57.904	7.315	0.0	48.916	5.682	0.0	59.111	7.991	0.0	57.505	5.905	0.0	56.713	6.775	0.0	48.993	6.15	0.0	56.125	6.617
165	1417	1418	NS	1	0.0	52.425	1.701	0.0	48.147	1.951	0.0	54.673	1.663	0.0	49.852	2.863	0.0	54.163	1.743	0.0	48.849	1.688	0.0	57.111	1.673	0.0	52.174	1.917
166	1417	1418	SN	1	0.0	53.248	5.577	0.0	57.904	7.315	0.0	48.916	5.682	0.0	59.111	7.991	0.0	57.505	5.905	0.0	56.713	6.775	0.0	48.993	6.15	0.0	56.125	6.617
167	1417	1418	NS	1	0.0	47.726	5.018	0.0	51.459	6.021	0.0	48.805	5.056	0.0	52.972	7.638	0.0	47.461	5.237	0.0	52.32	5.386	0.0	50.627	5.077	0.0	51.668	5.534
168	1417	1418	NS	1	0.0	50.14	1.709	0.0	46.111	1.962	0.0	48.395	1.743	0.0	51.3	2.879	0.0	55.221	1.72	0.0	46.21	1.711	0.0	52.821	1.696	0.0	49.8	1.943
169	1417	1418	SN	1	0.0	52.804	1.999	0.0	54.564	2.491	0.0	45.971	2.013	0.0	55.349	2.914	0.0	53.972	2.155	0.0	56.467	2.186	0.0	48.399	2.122	0.0	52.017	2.27
170	1417	1418	SN	1	0.0	52.804	2.008	0.0	54.564	2.489	0.0	45.971	2.016	0.0	55.349	2.923	0.0	53.972	2.16	0.0	56.467	2.192	0.0	48.399	2.129	0.0	52.017	2.273
171	1417	1418	NS	1	0.0	51.447	5.085	0.0	51.568	6.021	0.0	49.837	5.077	0.0	48.167	7.524	0.0	48.406	5.33	0.0	52.418	5.319	0.0	46.904	5.113	0.0	51.682	5.527
172	1417	1418	NS	1	0.0	51.447	5.085	0.0	51.568	6.021	0.0	49.837	5.077	0.0	48.167	7.524	0.0	48.406	5.33	0.0	52.418	5.319	0.0	46.904	5.113	0.0	51.682	5.527
173	1417	1418	SN	1	0.0	53.248	5.577	0.0	57.904	7.315	0.0	48.916	5.682	0.0	59.111	7.991	0.0	57.505	5.905	0.0	56.713	6.775	0.0	48.993	6.15	0.0	56.125	6.617
174	1417	1418	SN	1	0.0	52.804	1.999	0.0	54.564	2.491	0.0	45.971	2.013	0.0	55.349	2.914	0.0	53.972	2.155	0.0	56.467	2.186	0.0	48.399	2.122	0.0	52.017	2.27
175	1418	1419	NS	1	0.0	54.376	7.642	0.0	51.223	8.859	0.0	57.804	6.809	0.0	51.266	8.87	0.0	54.921	7.406	0.0	49.19	7.489	0.0	61.757	6.752	0.0	51.436	6.674

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

176	1418	1419	SN	1	0.0	47.663	5.755	0.0	56.404	7.095	0.0	45.63	5.441	0.0	59.258	8.087	0.0	47.032	5.982	0.0	56.145	6.065	0.0	47.246	5.562	0.0	54.876	5.683
177	1418	1419	SN	1	0.0	47.663	5.755	0.0	56.404	7.095	0.0	45.63	5.441	0.0	59.258	8.087	0.0	47.032	5.982	0.0	56.145	6.065	0.0	47.246	5.562	0.0	54.876	5.683
178	1418	1419	NS	1	0.0	58.127	2.436	0.0	50.042	2.772	0.0	50.94	2.421	0.0	49.403	3.171	0.0	60.877	2.308	0.0	48.699	2.253	0.0	51.773	2.35	0.0	47.818	2.154
179	1418	1419	SN	1	0.0	47.663	5.755	0.0	56.404	7.095	0.0	45.63	5.441	0.0	59.258	8.087	0.0	47.032	5.982	0.0	56.145	6.065	0.0	47.246	5.562	0.0	54.876	5.683
180	1418	1419	NS	1	0.0	58.127	2.436	0.0	50.042	2.772	0.0	50.94	2.421	0.0	49.403	3.171	0.0	60.877	2.308	0.0	48.699	2.253	0.0	51.773	2.35	0.0	47.818	2.154
181	1418	1419	NS	1	0.0	58.127	2.436	0.0	50.042	2.772	0.0	50.94	2.421	0.0	49.403	3.171	0.0	60.877	2.308	0.0	48.699	2.253	0.0	51.773	2.35	0.0	47.818	2.154
182	1418	1419	NS	1	0.0	54.376	7.642	0.0	51.223	8.859	0.0	57.804	6.809	0.0	51.266	8.87	0.0	54.921	7.406	0.0	49.19	7.489	0.0	61.757	6.752	0.0	51.436	6.674
183	1418	1419	NS	1	0.0	54.376	7.642	0.0	51.223	8.859	0.0	57.804	6.809	0.0	51.266	8.87	0.0	54.921	7.406	0.0	49.19	7.489	0.0	61.757	6.752	0.0	51.436	6.674
184	1418	1419	SN	1	0.0	47.584	1.854	0.0	48.601	2.403	0.0	53.271	1.886	0.0	50.78	3.055	0.0	47.705	1.865	0.0	45.791	1.965	0.0	52.635	1.955	0.0	52.737	2.038
185	1418	1419	SN	1	0.0	47.584	1.854	0.0	48.601	2.403	0.0	53.271	1.886	0.0	50.78	3.055	0.0	47.705	1.865	0.0	45.791	1.965	0.0	52.635	1.955	0.0	52.737	2.038
186	1418	1419	SN	1	0.0	47.584	1.854	0.0	48.601	2.403	0.0	53.271	1.886	0.0	50.78	3.055	0.0	47.705	1.865	0.0	45.791	1.965	0.0	52.635	1.955	0.0	52.737	2.038

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	1390	1391	SN	1	0.0	41.578	24.933	0.0	40.326	25.13	0.0	26.08	14.483	0.0	23.635	14.508	0.0	1.914	0.0	0.0	1.921	0.0	0.0	2.216	0.0	0.0	2.21	0.0
2	1391	1392	NS	1	0.0	41.318	25.32	0.0	40.668	25.156	0.0	25.799	13.765	0.0	25.805	13.358	0.0	1.904	0.0	0.0	1.9	0.0	0.0	2.191	0.0	0.0	2.179	0.0
3	1391	1392	SN	1	0.0	34.618	13.014	0.0	34.819	12.988	0.0	22.016	4.908	0.0	19.462	4.649	0.0	1.902	0.0	0.0	1.902	0.0	0.0	2.21	0.0	0.0	2.205	0.0
4	1391	1392	NS	1	0.0	34.703	13.469	0.0	36.631	13.557	0.0	19.882	3.94	0.0	22.242	3.947	0.0	1.891	0.0	0.0	1.893	0.0	0.0	2.182	0.0	0.0	2.172	0.0
5	1391	1392	SN	1	0.0	41.892	24.928	0.0	40.805	25.266	0.0	26.069	14.472	0.0	24.236	14.612	0.0	1.932	0.0	0.0	1.928	0.0	0.0	2.216	0.0	0.0	2.207	0.0
6	1392	1393	SN	1	0.0	38.522	24.902	0.0	37.874	25.325	0.0	22.738	14.185	0.0	25.11	14.664	0.0	1.916	0.0	0.0	1.929	0.0	0.0	2.216	0.0	0.0	2.208	0.0
7	1392	1393	SN	1	0.0	34.904	13.005	0.0	37.328	12.969	0.0	19.97	4.795	0.0	19.948	4.755	0.0	1.902	0.0	0.0	1.906	0.0	0.0	2.214	0.0	0.0	2.206	0.0
8	1392	1393	NS	1	0.0	34.698	13.463	0.0	36.609	13.476	0.0	19.887	3.885	0.0	22.242	3.94	0.0	1.89	0.0	0.0	1.893	0.0	0.0	2.182	0.0	0.0	2.171	0.0
9	1392	1393	NS	1	0.0	41.313	25.316	0.0	39.945	25.093	0.0	25.777	13.731	0.0	25.81	13.33	0.0	1.903	0.0	0.0	1.901	0.0	0.0	2.191	0.0	0.0	2.179	0.0
10	1393	1394	SN	1	0.0	34.64	13.007	0.0	34.808	12.956	0.0	22.363	4.984	0.0	19.468	4.751	0.0	1.902	0.0	0.0	1.904	0.0	0.0	2.216	0.0	0.0	2.206	0.0
11	1393	1394	NS	1	0.0	41.318	25.299	0.0	40.651	25.08	0.0	25.783	13.575	0.0	25.81	13.372	0.0	1.903	0.0	0.0	1.898	0.0	0.0	2.19	0.0	0.0	2.177	0.0
12	1393	1394	SN	1	0.0	41.903	24.926	0.0	40.805	25.188	0.0	26.086	14.437	0.0	24.236	14.582	0.0	1.912	0.0	0.0	1.928	0.0	0.0	2.218	0.0	0.0	2.209	0.0
13	1393	1394	NS	1	0.0	34.703	13.515	0.0	36.443	13.453	0.0	19.81	3.864	0.0	22.248	3.91	0.0	1.891	0.0	0.0	1.894	0.0	0.0	2.182	0.0	0.0	2.17	0.0
14	1394	1395	NS	1	0.0	34.698	13.491	0.0	36.614	13.474	0.0	19.876	3.826	0.0	22.154	3.936	0.0	1.894	0.0	0.0	1.893	0.0	0.0	2.196	0.0	0.0	2.171	0.0
15	1394	1395	SN	1	0.0	41.903	24.92	0.0	40.822	25.268	0.0	25.893	14.444	0.0	24.922	14.808	0.0	1.912	0.0	0.0	1.916	0.0	0.0	2.219	0.0	0.0	2.209	0.0
16	1394	1395	SN	1	0.0	34.921	13.028	0.0	37.334	12.951	0.0	22.363	4.997	0.0	19.986	4.838	0.0	1.908	0.0	0.0	1.904	0.0	0.0	2.219	0.0	0.0	2.206	0.0
17	1394	1395	NS	1	0.0	41.291	25.268	0.0	40.673	25.095	0.0	25.402	13.7	0.0	25.799	13.347	0.0	1.917	0.0	0.0	1.899	0.0	0.0	2.206	0.0	0.0	2.179	0.0
18	1395	1396	SN	1	0.0	34.893	13.027	0.0	66.767	12.978	0.0	22.038	5.015	0.0	19.986	4.81	0.0	1.9	0.0	0.0	1.901	0.0	0.0	2.22	0.0	0.0	2.207	0.0
19	1395	1396	NS	1	0.0	34.714	13.5	0.0	36.796	13.516	0.0	21.167	3.861	0.0	22.143	3.971	0.0	1.891	0.0	0.0	1.894	0.0	0.0	2.181	0.0	0.0	2.171	0.0
20	1395	1396	SN	1	0.0	41.594	24.952	0.0	252.717	25.245	0.0	25.882	14.481	0.0	24.757	14.744	0.0	1.918	0.0	0.0	1.925	0.0	0.0	2.215	0.0	0.0	2.209	0.0
21	1395	1396	NS	1	0.0	41.291	25.253	0.0	40.662	25.11	0.0	25.424	13.678	0.0	25.794	13.346	0.0	1.903	0.0	0.0	1.897	0.0	0.0	2.191	0.0	0.0	2.179	0.0
22	1396	1397	SN	1	0.0	37.243	24.787	0.0	38.321	25.25	0.0	22.115	14.148	0.0	25.987	14.696	0.0	1.934	0.0	0.0	1.921	0.0	0.0	2.218	0.0	0.0	2.208	0.0
23	1396	1397	NS	1	0.0	34.709	13.481	0.0	36.818	13.545	0.0	22.336	3.869	0.0	22.143	3.987	0.0	1.89	0.0	0.0	1.893	0.0	0.0	2.182	0.0	0.0	2.173	0.0
24	1396	1397	SN	1	0.0	34.893	13.023	0.0	37.196	13.011	0.0	18.437	4.747	0.0	19.986	4.68	0.0	1.905	0.0	0.0	1.907	0.0	0.0	2.211	0.0	0.0	2.206	0.0
25	1396	1397	NS	1	0.0	41.269	25.289	0.0	40.657	25.177	0.0	25.43	13.646	0.0	25.783	13.403	0.0	1.903	0.0	0.0	1.898	0.0	0.0	2.192	0.0	0.0	2.18	0.0
26	1397	1398	SN	1	0.0	41.605	24.994	0.0	38.897	25.205	0.0	25.534	14.451	0.0	25.987	14.732	0.0	1.932	0.0	0.0	1.923	0.0	0.0	2.216	0.0	0.0	2.207	0.0
27	1397	1398	SN	1	0.0	34.882	13.034	0.0	37.295	12.998	0.0	22.038	4.927	0.0	19.92	4.712	0.0	1.906	0.0	0.0	1.909	0.0	0.0	2.216	0.0	0.0	2.205	0.0
28	1397	1398	NS	1	0.0	34.742	13.448	0.0	35.594	13.597	0.0	21.183	3.94	0.0	22.132	3.998	0.0	1.891	0.0	0.0	1.893	0.0	0.0	2.183	0.0	0.0	2.172	0.0
29	1397	1398	NS	1	0.0	41.247	25.27	0.0	40.64	25.127	0.0	25.452	13.815	0.0	25.777	13.388	0.0	1.904	0.0	0.0	1.899	0.0	0.0	2.191	0.0	0.0	2.181	0.0
30	1398	1399	NS	1	0.0	34.477	13.403	0.0	35.616	13.591	0.0	21.161	3.993	0.0	22.369	4.008	0.0	1.894	0.0	0.0	1.891	0.0	0.0	2.183	0.0	0.0	2.173	0.0
31	1398	1399	SN	1	0.0	41.787	24.998	0.0	38.638	25.198	0.0	25.419	14.445	0.0	23.342	14.583	0.0	1.917	0.0	0.0	1.923	0.0	0.0	2.218	0.0	0.0	2.207	0.0

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

32	1398	1399	NS	1	0.0	40.839	25.263	0.0	40.111	25.175	0.0	25.457	13.811	0.0	25.529	13.435	0.0	1.905	0.0	0.0	1.899	0.0	0.0	2.192	0.0	0.0	2.18	0.0
33	1398	1399	SN	1	0.0	34.535	13.054	0.0	35.845	13.0	0.0	21.95	4.852	0.0	19.529	4.599	0.0	1.901	0.0	0.0	1.907	0.0	0.0	2.218	0.0	0.0	2.205	0.0
34	1399	1400	SN	1	0.0	41.081	24.998	0.0	38.39	25.257	0.0	25.54	14.48	0.0	25.976	14.738	0.0	1.91	0.0	0.0	1.927	0.0	0.0	2.216	0.0	0.0	2.208	0.0
35	1399	1400	NS	1	0.0	34.494	13.39	0.0	36.84	13.597	0.0	21.178	3.966	0.0	22.363	4.016	0.0	1.892	0.0	0.0	1.892	0.0	0.0	2.182	0.0	0.0	2.174	0.0
36	1399	1400	NS	1	0.0	40.844	25.297	0.0	41.208	25.093	0.0	25.463	13.793	0.0	25.529	13.414	0.0	1.905	0.0	0.0	1.9	0.0	0.0	2.192	0.0	0.0	2.182	0.0
37	1399	1400	SN	1	0.0	34.888	13.057	0.0	37.306	13.027	0.0	22.043	4.831	0.0	19.92	4.66	0.0	1.901	0.0	0.0	1.909	0.0	0.0	2.21	0.0	0.0	2.206	0.0
38	1400	1401	NS	1	0.0	40.833	25.286	0.0	41.037	25.084	0.0	25.463	13.757	0.0	25.512	13.383	0.0	1.904	0.0	0.0	1.9	0.0	0.0	2.19	0.0	0.0	2.181	0.0
39	1400	1401	NS	1	0.0	34.499	13.382	0.0	36.851	13.599	0.0	21.178	3.977	0.0	22.363	4.034	0.0	1.89	0.0	0.0	1.894	0.0	0.0	2.183	0.0	0.0	2.173	0.0
40	1402	1403	SN	1	0.0	41.473	24.949	0.0	40.221	25.327	0.0	25.573	14.495	0.0	25.959	14.693	0.0	1.922	0.0	0.0	1.921	0.0	0.0	2.217	0.0	0.0	2.21	0.0
41	1402	1403	SN	1	0.0	34.772	13.056	0.0	37.157	13.036	0.0	22.143	4.861	0.0	19.975	4.669	0.0	1.901	0.0	0.0	1.911	0.0	0.0	2.211	0.0	0.0	2.207	0.0
42	1403	1404	NS	1	0.0	34.637	13.258	0.0	35.643	13.617	0.0	21.194	4.032	0.0	22.352	4.007	0.0	1.892	0.0	0.0	1.894	0.0	0.0	2.182	0.0	0.0	2.173	0.0
43	1403	1404	SN	1	0.0	41.506	24.935	0.0	39.747	25.299	0.0	25.584	14.401	0.0	24.795	14.7	0.0	1.907	0.0	0.0	1.909	0.0	0.0	2.213	0.0	0.0	2.208	0.0
44	1403	1404	SN	1	0.0	34.744	13.078	0.0	37.146	13.048	0.0	22.17	4.818	0.0	19.959	4.66	0.0	1.898	0.0	0.0	1.91	0.0	0.0	2.21	0.0	0.0	2.206	0.0
45	1403	1404	NS	1	0.0	41.401	25.335	0.0	40.282	25.148	0.0	25.739	13.83	0.0	25.501	13.493	0.0	1.904	0.0	0.0	1.899	0.0	0.0	2.191	0.0	0.0	2.18	0.0
46	1404	1405	NS	1	0.0	34.648	13.252	0.0	36.382	13.627	0.0	19.788	4.043	0.0	22.341	3.987	0.0	1.892	0.0	0.0	1.895	0.0	0.0	2.184	0.0	0.0	2.173	0.0
47	1404	1405	NS	1	0.0	41.396	25.337	0.0	40.271	25.139	0.0	25.761	13.867	0.0	25.49	13.457	0.0	1.905	0.0	0.0	1.899	0.0	0.0	2.191	0.0	0.0	2.182	0.0
48	1405	1406	NS	1	0.0	40.16	25.304	0.0	40.646	25.23	0.0	25.463	13.735	0.0	25.783	13.545	0.0	1.941	0.0	0.0	1.868	0.0	0.0	2.204	0.0	0.0	2.177	0.0
49	1405	1406	SN	1	0.0	41.627	25.141	0.0	209.838	25.35	0.0	25.551	14.403	0.0	25.987	14.754	0.0	1.95	0.0	0.0	1.878	0.0	0.0	2.231	0.0	0.0	2.204	0.0
50	1405	1406	SN	1	0.0	41.142	25.12	0.0	209.838	25.226	0.0	25.81	14.436	0.0	24.528	14.557	0.0	1.95	0.0	0.0	1.907	0.0	0.0	2.231	0.0	0.0	2.205	0.0
51	1405	1406	NS	1	0.0	40.16	25.304	0.0	40.646	25.23	0.0	25.463	13.735	0.0	25.783	13.545	0.0	1.941	0.0	0.0	1.868	0.0	0.0	2.204	0.0	0.0	2.177	0.0
52	1405	1406	SN	1	0.0	34.893	13.095	0.0	275.24	13.061	0.0	22.154	4.711	0.0	19.992	4.868	0.0	1.93	0.0	0.0	1.873	0.0	0.0	2.221	0.0	0.0	2.204	0.0
53	1405	1406	NS	1	0.0	34.35	13.515	0.0	34.474	13.665	0.0	19.843	3.936	0.0	22.043	3.987	0.0	1.924	0.0	0.0	1.863	0.0	0.0	2.195	0.0	0.0	2.177	0.0
54	1405	1406	SN	1	0.0	34.176	13.072	0.0	275.24	13.05	0.0	22.253	4.683	0.0	19.926	4.729	0.0	1.93	0.0	0.0	1.892	0.0	0.0	2.221	0.0	0.0	2.204	0.0
55	1406	1407	SN	1	0.0	34.325	13.076	0.0	35.409	13.055	0.0	22.264	4.707	0.0	19.931	4.767	0.0	1.931	0.0	0.0	1.892	0.0	0.0	2.224	0.0	0.0	2.203	0.0
56	1406	1407	NS	1	0.0	40.734	25.297	0.0	40.486	25.194	0.0	25.066	13.813	0.0	25.468	13.408	0.0	1.903	0.0	0.0	1.905	0.0	0.0	2.191	0.0	0.0	2.181	0.0
57	1406	1407	NS	1	0.0	40.822	25.282	0.0	40.32	25.241	0.0	25.457	13.709	0.0	25.523	13.471	0.0	1.943	0.0	0.0	1.866	0.0	0.0	2.205	0.0	0.0	2.177	0.0
58	1406	1407	SN	1	0.0	40.502	25.109	0.0	38.484	25.186	0.0	25.832	14.414	0.0	24.528	14.586	0.0	1.952	0.0	0.0	1.905	0.0	0.0	2.231	0.0	0.0	2.205	0.0
59	1406	1407	SN	1	0.0	40.502	25.109	0.0	38.484	25.186	0.0	25.832	14.414	0.0	24.528	14.586	0.0	1.952	0.0	0.0	1.905	0.0	0.0	2.231	0.0	0.0	2.205	0.0
60	1406	1407	NS	1	0.0	34.676	13.358	0.0	34.254	13.624	0.0	22.225	4.005	0.0	22.336	4.01	0.0	1.89	0.0	0.0	1.896	0.0	0.0	2.182	0.0	0.0	2.173	0.0
61	1406	1407	SN	1	0.0	34.325	13.076	0.0	35.409	13.055	0.0	22.264	4.707	0.0	19.931	4.767	0.0	1.931	0.0	0.0	1.892	0.0	0.0	2.224	0.0	0.0	2.203	0.0
62	1406	1407	NS	1	0.0	34.626	13.506	0.0	34.187	13.673	0.0	19.893	3.874	0.0	22.363	3.967	0.0	1.923	0.0	0.0	1.863	0.0	0.0	2.2	0.0	0.0	2.177	0.0
63	1407	1408	NS	1	0.0	39.543	25.28	0.0	40.248	24.88	0.0	25.518	13.792	0.0	24.768	13.142	0.0	1.903	0.0	0.0	1.901	0.0	0.0	2.191	0.0	0.0	2.181	0.0
64	1407	1408	NS	1	0.0	34.67	13.422	0.0	35.677	13.533	0.0	21.084	3.948	0.0	22.341	3.891	0.0	1.889	0.0	0.0	1.895	0.0	0.0	2.183	0.0	0.0	2.172	0.0
65	1407	1408	SN	1	0.0	34.739	13.066	0.0	36.986	13.046	0.0	22.259	4.807	0.0	19.942	4.695	0.0	1.901	0.0	0.0	1.905	0.0	0.0	2.212	0.0	0.0	2.205	0.0
66	1407	1408	NS	1	0.0	39.543	25.28	0.0	40.248	24.88	0.0	25.518	13.792	0.0	24.768	13.142	0.0	1.903	0.0	0.0	1.901	0.0	0.0	2.191	0.0	0.0	2.181	0.0
67	1407	1408	SN	1	0.0	34.739	13.066	0.0	36.986	13.046	0.0	22.259	4.807	0.0	19.942	4.695	0.0	1.901	0.0	0.0	1.905	0.0	0.0	2.212	0.0	0.0	2.205	0.0
68	1407	1408	SN	1	0.0	41.528	24.996	0.0	38.484	25.27	0.0	25.827	14.471	0.0	24.633	14.7	0.0	1.911	0.0	0.0	1.926	0.0	0.0	2.215	0.0	0.0	2.211	0.0

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



69	1407	1408	NS	1	0.0	34.67	13.422	0.0	35.677	13.533	0.0	21.084	3.948	0.0	22.341	3.891	0.0	1.889	0.0	0.0	1.895	0.0	0.0	2.183	0.0	0.0	2.172	0.0
70	1407	1408	SN	1	0.0	41.528	24.996	0.0	38.484	25.27	0.0	25.827	14.471	0.0	24.633	14.7	0.0	1.911	0.0	0.0	1.926	0.0	0.0	2.215	0.0	0.0	2.211	0.0
71	1408	1409	NS	1	0.0	34.687	13.464	0.0	35.682	13.612	0.0	20.996	3.972	0.0	22.264	3.987	0.0	1.891	0.0	0.0	1.895	0.0	0.0	2.184	0.0	0.0	2.173	0.0
72	1408	1409	SN	1	0.0	41.175	25.021	0.0	39.107	25.295	0.0	25.843	14.515	0.0	25.716	14.738	0.0	1.909	0.0	0.0	1.912	0.0	0.0	2.217	0.0	0.0	2.209	0.0
73	1408	1409	NS	1	0.0	41.363	25.333	0.0	40.706	25.097	0.0	25.788	13.725	0.0	25.832	13.396	0.0	1.904	0.0	0.0	1.902	0.0	0.0	2.191	0.0	0.0	2.179	0.0
74	1408	1409	NS	1	0.0	34.687	13.464	0.0	35.682	13.612	0.0	20.996	3.972	0.0	22.264	3.987	0.0	1.891	0.0	0.0	1.895	0.0	0.0	2.184	0.0	0.0	2.173	0.0
75	1408	1409	SN	1	0.0	41.175	25.021	0.0	39.107	25.295	0.0	25.843	14.515	0.0	25.716	14.738	0.0	1.909	0.0	0.0	1.912	0.0	0.0	2.217	0.0	0.0	2.209	0.0
76	1408	1409	SN	1	0.0	34.733	13.064	0.0	36.981	13.046	0.0	22.264	4.857	0.0	20.003	4.733	0.0	1.899	0.0	0.0	1.91	0.0	0.0	2.211	0.0	0.0	2.207	0.0
77	1408	1409	NS	1	0.0	41.363	25.333	0.0	40.706	25.097	0.0	25.788	13.725	0.0	25.832	13.396	0.0	1.904	0.0	0.0	1.902	0.0	0.0	2.191	0.0	0.0	2.179	0.0
78	1408	1409	SN	1	0.0	34.733	13.064	0.0	36.981	13.046	0.0	22.264	4.857	0.0	20.003	4.733	0.0	1.899	0.0	0.0	1.91	0.0	0.0	2.211	0.0	0.0	2.207	0.0
79	1409	1410	SN	1	0.0	41.556	25.029	0.0	38.649	25.287	0.0	25.849	14.516	0.0	25.694	14.716	0.0	1.911	0.0	0.0	1.926	0.0	0.0	2.219	0.0	0.0	2.208	0.0
80	1409	1410	SN	1	0.0	41.556	24.941	0.0	38.296	25.305	0.0	25.854	14.508	0.0	23.538	14.515	0.0	1.906	0.0	0.0	1.922	0.0	0.0	2.218	0.0	0.0	2.207	0.0
81	1409	1410	NS	1	0.0	41.346	25.367	0.0	41.671	25.07	0.0	25.772	13.796	0.0	25.827	13.422	0.0	1.904	0.0	0.0	1.902	0.0	0.0	2.191	0.0	0.0	2.179	0.0
82	1409	1410	NS	1	0.0	34.687	13.454	0.0	35.682	13.617	0.0	22.319	3.973	0.0	22.253	3.999	0.0	1.891	0.0	0.0	1.896	0.0	0.0	2.183	0.0	0.0	2.172	0.0
83	1409	1410	NS	1	0.0	41.346	25.367	0.0	41.671	25.07	0.0	25.772	13.796	0.0	25.827	13.422	0.0	1.904	0.0	0.0	1.902	0.0	0.0	2.191	0.0	0.0	2.179	0.0
84	1409	1410	SN	1	0.0	34.728	13.077	0.0	36.981	13.038	0.0	22.275	4.824	0.0	20.003	4.719	0.0	1.899	0.0	0.0	1.908	0.0	0.0	2.212	0.0	0.0	2.206	0.0
85	1409	1410	SN	1	0.0	41.556	25.029	0.0	38.649	25.287	0.0	25.849	14.516	0.0	25.694	14.716	0.0	1.911	0.0	0.0	1.926	0.0	0.0	2.219	0.0	0.0	2.208	0.0
86	1409	1410	SN	1	0.0	34.728	13.077	0.0	36.981	13.038	0.0	22.275	4.824	0.0	20.003	4.719	0.0	1.899	0.0	0.0	1.908	0.0	0.0	2.212	0.0	0.0	2.206	0.0
87	1409	1410	NS	1	0.0	34.687	13.454	0.0	35.682	13.617	0.0	22.319	3.973	0.0	22.253	3.999	0.0	1.891	0.0	0.0	1.896	0.0	0.0	2.183	0.0	0.0	2.172	0.0
88	1409	1410	SN	1	0.0	34.347	13.042	0.0	34.836	13.029	0.0	22.336	4.856	0.0	19.429	4.59	0.0	1.903	0.0	0.0	1.912	0.0	0.0	2.216	0.0	0.0	2.206	0.0
89	1410	1411	NS	1	0.0	40.717	25.375	0.0	41.109	25.099	0.0	25.777	13.824	0.0	25.816	13.436	0.0	1.904	0.0	0.0	1.899	0.0	0.0	2.193	0.0	0.0	2.18	0.0
90	1410	1411	SN	1	0.0	34.921	13.062	0.0	37.334	13.098	0.0	17.648	4.478	0.0	19.986	4.597	0.0	1.9	0.0	0.0	1.91	0.0	0.0	2.218	0.0	0.0	2.206	0.0
91	1410	1411	SN	1	0.0	37.678	24.858	0.0	37.885	25.459	0.0	22.143	14.014	0.0	25.683	14.683	0.0	1.91	0.0	0.0	1.921	0.0	0.0	2.216	0.0	0.0	2.207	0.0
92	1410	1411	NS	1	0.0	40.717	25.375	0.0	40.447	25.171	0.0	25.783	13.817	0.0	25.81	13.45	0.0	1.903	0.0	0.0	1.9	0.0	0.0	2.192	0.0	0.0	2.179	0.0
93	1410	1411	SN	1	0.0	41.572	24.983	0.0	38.506	25.373	0.0	25.226	14.525	0.0	25.689	14.765	0.0	1.912	0.0	0.0	1.929	0.0	0.0	2.216	0.0	0.0	2.208	0.0
94	1410	1411	NS	1	0.0	34.687	13.399	0.0	35.688	13.604	0.0	22.319	3.991	0.0	22.247	4.012	0.0	1.891	0.0	0.0	1.893	0.0	0.0	2.183	0.0	0.0	2.173	0.0
95	1410	1411	SN	1	0.0	34.7	13.094	0.0	36.959	13.044	0.0	22.259	4.824	0.0	19.975	4.698	0.0	1.899	0.0	0.0	1.905	0.0	0.0	2.211	0.0	0.0	2.206	0.0
96	1410	1411	SN	1	0.0	34.7	13.094	0.0	36.959	13.044	0.0	22.259	4.824	0.0	19.975	4.698	0.0	1.899	0.0	0.0	1.905	0.0	0.0	2.211	0.0	0.0	2.206	0.0
97	1410	1411	NS	1	0.0	34.687	13.399	0.0	35.688	13.604	0.0	22.319	3.991	0.0	22.247	4.012	0.0	1.891	0.0	0.0	1.893	0.0	0.0	2.183	0.0	0.0	2.173	0.0
98	1410	1411	NS	1	0.0	34.687	13.387	0.0	35.693	13.602	0.0	22.319	3.972	0.0	22.247	4.021	0.0	1.89	0.0	0.0	1.895	0.0	0.0	2.183	0.0	0.0	2.172	0.0
99	1410	1411	SN	1	0.0	41.572	24.983	0.0	38.506	25.373	0.0	25.226	14.525	0.0	25.689	14.765	0.0	1.912	0.0	0.0	1.929	0.0	0.0	2.216	0.0	0.0	2.208	0.0
100	1410	1411	NS	1	0.0	40.717	25.375	0.0	40.447	25.171	0.0	25.783	13.817	0.0	25.81	13.45	0.0	1.903	0.0	0.0	1.9	0.0	0.0	2.192	0.0	0.0	2.179	0.0
101	1411	1412	SN	1	0.0	40.789	25.013	0.0	39.537	25.226	0.0	25.871	14.516	0.0	22.623	14.472	0.0	1.906	0.0	0.0	1.924	0.0	0.0	2.215	0.0	0.0	2.207	0.0
102	1411	1412	NS	1	0.0	41.313	25.367	0.0	40.425	25.18	0.0	25.794	13.817	0.0	25.805	13.465	0.0	1.903	0.0	0.0	1.901	0.0	0.0	2.193	0.0	0.0	2.18	0.0
103	1411	1412	SN	1	0.0	40.789	25.013	0.0	39.537	25.226	0.0	25.871	14.516	0.0	22.623	14.472	0.0	1.906	0.0	0.0	1.924	0.0	0.0	2.215	0.0	0.0	2.207	0.0
104	1411	1412	SN	1	0.0	33.586	13.078	0.0	34.808	13.033	0.0	22.369	4.821	0.0	19.286	4.559	0.0	1.903	0.0	0.0	1.909	0.0	0.0	2.212	0.0	0.0	2.206	0.0
105	1411	1412	NS	1	0.0	34.29	13.366	0.0	36.785	13.639	0.0	21.933	3.991	0.0	22.159	4.037	0.0	1.891	0.0	0.0	1.894	0.0	0.0	2.183	0.0	0.0	2.174	0.0

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

106	1411	1412	NS	1	0.0	41.313	25.367	0.0	40.425	25.18	0.0	25.794	13.817	0.0	25.805	13.465	0.0	1.903	0.0	0.0	1.901	0.0	0.0	2.193	0.0	0.0	2.18	0.0
107	1411	1412	NS	1	0.0	34.29	13.366	0.0	36.785	13.639	0.0	21.933	3.991	0.0	22.159	4.037	0.0	1.891	0.0	0.0	1.894	0.0	0.0	2.183	0.0	0.0	2.174	0.0
108	1411	1412	SN	1	0.0	33.586	13.078	0.0	34.808	13.033	0.0	22.369	4.821	0.0	19.286	4.559	0.0	1.903	0.0	0.0	1.909	0.0	0.0	2.212	0.0	0.0	2.206	0.0
109	1412	1413	NS	1	0.0	34.714	13.26	0.0	34.298	13.637	0.0	22.341	4.027	0.0	22.242	4.023	0.0	1.891	0.0	0.0	1.895	0.0	0.0	2.184	0.0	0.0	2.172	0.0
110	1412	1413	SN	1	0.0	41.583	25.088	0.0	271.992	25.271	0.0	25.876	14.462	0.0	22.681	14.463	0.0	1.943	0.0	0.0	1.92	0.0	0.0	2.216	0.0	0.0	2.206	0.0
111	1412	1413	SN	1	0.0	34.386	13.1	0.0	125.753	13.059	0.0	22.358	4.775	0.0	19.297	4.522	0.0	1.898	0.0	0.0	1.908	0.0	0.0	2.211	0.0	0.0	2.206	0.0
112	1412	1413	NS	1	0.0	40.662	25.337	0.0	40.414	25.127	0.0	25.81	13.916	0.0	25.799	13.402	0.0	1.903	0.0	0.0	1.902	0.0	0.0	2.191	0.0	0.0	2.18	0.0
113	1412	1413	NS	1	0.0	34.714	13.26	0.0	34.298	13.637	0.0	22.341	4.027	0.0	22.242	4.023	0.0	1.891	0.0	0.0	1.895	0.0	0.0	2.184	0.0	0.0	2.172	0.0
114	1412	1413	NS	1	0.0	40.662	25.337	0.0	40.414	25.127	0.0	25.81	13.916	0.0	25.799	13.402	0.0	1.903	0.0	0.0	1.902	0.0	0.0	2.191	0.0	0.0	2.18	0.0
115	1412	1413	SN	1	0.0	41.583	25.088	0.0	271.992	25.271	0.0	25.876	14.462	0.0	22.681	14.463	0.0	1.943	0.0	0.0	1.92	0.0	0.0	2.216	0.0	0.0	2.206	0.0
116	1412	1413	SN	1	0.0	34.386	13.1	0.0	125.753	13.059	0.0	22.358	4.775	0.0	19.297	4.522	0.0	1.898	0.0	0.0	1.908	0.0	0.0	2.211	0.0	0.0	2.206	0.0
117	1413	1414	SN	1	0.0	40.315	25.139	0.0	38.34	25.359	0.0	25.518	14.445	0.0	25.992	14.689	0.0	1.908	0.0	0.0	1.926	0.0	0.0	2.215	0.0	0.0	2.209	0.0
118	1413	1414	NS	1	0.0	33.211	13.118	0.0	32.334	13.316	0.0	19.347	3.544	0.0	21.194	3.712	0.0	1.89	0.0	0.0	1.895	0.0	0.0	2.183	0.0	0.0	2.173	0.0
119	1413	1414	SN	1	0.0	34.91	13.109	0.0	37.317	13.089	0.0	22.032	4.749	0.0	19.926	4.637	0.0	1.901	0.0	0.0	1.905	0.0	0.0	2.215	0.0	0.0	2.207	0.0
120	1413	1414	SN	1	0.0	40.315	25.139	0.0	38.34	25.359	0.0	25.518	14.445	0.0	25.992	14.689	0.0	1.908	0.0	0.0	1.926	0.0	0.0	2.215	0.0	0.0	2.209	0.0
121	1413	1414	NS	1	0.0	41.307	24.957	0.0	41.07	24.578	0.0	24.128	13.105	0.0	25.799	12.867	0.0	1.903	0.0	0.0	1.904	0.0	0.0	2.191	0.0	0.0	2.18	0.0
122	1413	1414	SN	1	0.0	34.91	13.109	0.0	37.317	13.089	0.0	22.032	4.749	0.0	19.926	4.637	0.0	1.901	0.0	0.0	1.905	0.0	0.0	2.215	0.0	0.0	2.207	0.0
123	1413	1414	NS	1	0.0	34.323	13.195	0.0	34.452	13.622	0.0	21.172	3.975	0.0	21.194	4.012	0.0	1.89	0.0	0.0	1.908	0.0	0.0	2.183	0.0	0.0	2.173	0.0
124	1413	1414	SN	1	0.0	34.91	13.109	0.0	37.317	13.089	0.0	22.032	4.749	0.0	19.926	4.637	0.0	1.901	0.0	0.0	1.905	0.0	0.0	2.215	0.0	0.0	2.207	0.0
125	1413	1414	SN	1	0.0	40.315	25.139	0.0	38.34	25.359	0.0	25.518	14.445	0.0	25.992	14.689	0.0	1.908	0.0	0.0	1.926	0.0	0.0	2.215	0.0	0.0	2.209	0.0
126	1413	1414	NS	1	0.0	41.307	25.255	0.0	41.07	25.186	0.0	25.424	13.887	0.0	25.799	13.374	0.0	1.903	0.0	0.0	1.916	0.0	0.0	2.191	0.0	0.0	2.18	0.0
127	1414	1415	SN	1	0.0	40.32	25.12	0.0	38.335	25.384	0.0	25.512	14.409	0.0	25.998	14.667	0.0	1.91	0.0	0.0	1.913	0.0	0.0	2.216	0.0	0.0	2.209	0.0
128	1414	1415	NS	1	0.0	34.461	13.265	0.0	33.989	13.661	0.0	22.071	4.042	0.0	22.38	4.054	0.0	1.893	0.0	0.0	1.894	0.0	0.0	2.182	0.0	0.0	2.174	0.0
129	1414	1415	SN	1	0.0	34.91	13.117	0.0	37.213	13.078	0.0	22.01	4.761	0.0	19.937	4.639	0.0	1.905	0.0	0.0	1.906	0.0	0.0	2.211	0.0	0.0	2.206	0.0
130	1414	1415	NS	1	0.0	40.204	25.24	0.0	41.633	25.15	0.0	25.446	13.892	0.0	25.557	13.506	0.0	1.907	0.0	0.0	1.899	0.0	0.0	2.193	0.0	0.0	2.181	0.0
131	1414	1415	SN	1	0.0	40.32	25.12	0.0	38.335	25.384	0.0	25.512	14.409	0.0	25.998	14.667	0.0	1.91	0.0	0.0	1.913	0.0	0.0	2.216	0.0	0.0	2.209	0.0
132	1414	1415	NS	1	0.0	40.204	25.24	0.0	41.633	25.15	0.0	25.446	13.892	0.0	25.557	13.506	0.0	1.907	0.0	0.0	1.899	0.0	0.0	2.193	0.0	0.0	2.181	0.0
133	1414	1415	NS	1	0.0	34.461	13.265	0.0	33.989	13.661	0.0	22.071	4.042	0.0	22.38	4.054	0.0	1.893	0.0	0.0	1.894	0.0	0.0	2.182	0.0	0.0	2.174	0.0
134	1414	1415	SN	1	0.0	40.32	25.12	0.0	38.335	25.384	0.0	25.512	14.409	0.0	25.998	14.667	0.0	1.91	0.0	0.0	1.913	0.0	0.0	2.216	0.0	0.0	2.209	0.0
135	1414	1415	SN	1	0.0	34.91	13.117	0.0	37.213	13.078	0.0	22.01	4.761	0.0	19.937	4.639	0.0	1.905	0.0	0.0	1.906	0.0	0.0	2.211	0.0	0.0	2.206	0.0
136	1414	1415	NS	1	0.0	34.461	13.265	0.0	33.989	13.661	0.0	22.071	4.042	0.0	22.38	4.054	0.0	1.893	0.0	0.0	1.894	0.0	0.0	2.182	0.0	0.0	2.174	0.0
137	1414	1415	NS	1	0.0	40.204	25.24	0.0	41.633	25.15	0.0	25.446	13.892	0.0	25.557	13.506	0.0	1.907	0.0	0.0	1.899	0.0	0.0	2.193	0.0	0.0	2.181	0.0
138	1414	1415	SN	1	0.0	34.91	13.117	0.0	37.213	13.078	0.0	22.01	4.761	0.0	19.937	4.639	0.0	1.905	0.0	0.0	1.906	0.0	0.0	2.211	0.0	0.0	2.206	0.0
139	1415	1416	SN	1	0.0	34.893	13.121	0.0	37.306	13.092	0.0	22.369	4.77	0.0	19.926	4.628	0.0	1.906	0.0	0.0	1.907	0.0	0.0	2.211	0.0	0.0	2.206	0.0
140	1415	1416	NS	1	0.0	34.477	13.233	0.0	33.994	13.616	0.0	22.06	4.033	0.0	22.38	4.054	0.0	1.892	0.0	0.0	1.895	0.0	0.0	2.183	0.0	0.0	2.174	0.0
141	1415	1416	NS	1	0.0	40.877	25.274	0.0	40.623	25.161	0.0	25.43	13.856	0.0	24.829	13.427	0.0	1.905	0.0	0.0	1.901	0.0	0.0	2.193	0.0	0.0	2.181	0.0
142	1415	1416	SN	1	0.0	34.893	13.121	0.0	37.306	13.092	0.0	22.369	4.77	0.0	19.926	4.628	0.0	1.906	0.0	0.0	1.907	0.0	0.0	2.211	0.0	0.0	2.206	0.0

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

143	1415	1416	SN	1	0.0	34.893	13.121	0.0	37.306	13.092	0.0	22.369	4.77	0.0	19.926	4.628	0.0	1.906	0.0	0.0	1.907	0.0	0.0	2.211	0.0	0.0	2.206	0.0
144	1415	1416	NS	1	0.0	34.477	13.233	0.0	33.994	13.616	0.0	22.06	4.033	0.0	22.38	4.054	0.0	1.892	0.0	0.0	1.895	0.0	0.0	2.183	0.0	0.0	2.174	0.0
145	1415	1416	SN	1	0.0	40.822	25.097	0.0	38.346	25.401	0.0	25.534	14.446	0.0	25.987	14.645	0.0	1.909	0.0	0.0	1.924	0.0	0.0	2.216	0.0	0.0	2.209	0.0
146	1415	1416	NS	1	0.0	40.877	25.274	0.0	40.623	25.161	0.0	25.43	13.856	0.0	24.829	13.427	0.0	1.905	0.0	0.0	1.901	0.0	0.0	2.193	0.0	0.0	2.181	0.0
147	1415	1416	SN	1	0.0	40.822	25.097	0.0	38.346	25.401	0.0	25.534	14.446	0.0	25.987	14.645	0.0	1.909	0.0	0.0	1.924	0.0	0.0	2.216	0.0	0.0	2.209	0.0
148	1415	1416	SN	1	0.0	40.822	25.097	0.0	38.346	25.401	0.0	25.534	14.446	0.0	25.987	14.645	0.0	1.909	0.0	0.0	1.924	0.0	0.0	2.216	0.0	0.0	2.209	0.0
149	1415	1416	NS	1	0.0	34.477	13.233	0.0	33.994	13.616	0.0	22.06	4.033	0.0	22.38	4.054	0.0	1.892	0.0	0.0	1.895	0.0	0.0	2.183	0.0	0.0	2.174	0.0
150	1415	1416	NS	1	0.0	40.877	25.274	0.0	40.623	25.161	0.0	25.43	13.856	0.0	24.829	13.427	0.0	1.905	0.0	0.0	1.901	0.0	0.0	2.193	0.0	0.0	2.181	0.0
151	1416	1417	NS	1	0.0	41.269	25.318	0.0	39.896	25.059	0.0	25.435	13.941	0.0	24.817	13.222	0.0	1.904	0.0	0.0	1.901	0.0	0.0	2.192	0.0	0.0	2.181	0.0
152	1416	1417	SN	1	0.0	41.908	25.076	0.0	38.357	25.432	0.0	25.893	14.43	0.0	25.981	14.653	0.0	1.91	0.0	0.0	1.925	0.0	0.0	2.217	0.0	0.0	2.21	0.0
153	1416	1417	NS	1	0.0	34.461	13.135	0.0	34.59	13.59	0.0	22.176	4.051	0.0	22.369	3.943	0.0	1.891	0.0	0.0	1.895	0.0	0.0	2.184	0.0	0.0	2.173	0.0
154	1416	1417	SN	1	0.0	34.888	13.127	0.0	37.295	13.075	0.0	22.363	4.756	0.0	19.909	4.642	0.0	1.903	0.0	0.0	1.912	0.0	0.0	2.212	0.0	0.0	2.206	0.0
155	1416	1417	NS	1	0.0	41.269	25.318	0.0	39.896	25.059	0.0	25.435	13.941	0.0	24.817	13.222	0.0	1.904	0.0	0.0	1.901	0.0	0.0	2.192	0.0	0.0	2.181	0.0
156	1416	1417	SN	1	0.0	41.908	25.076	0.0	38.357	25.432	0.0	25.893	14.43	0.0	25.981	14.653	0.0	1.91	0.0	0.0	1.925	0.0	0.0	2.217	0.0	0.0	2.21	0.0
157	1416	1417	NS	1	0.0	34.461	13.135	0.0	34.59	13.59	0.0	22.176	4.051	0.0	22.369	3.943	0.0	1.891	0.0	0.0	1.895	0.0	0.0	2.184	0.0	0.0	2.173	0.0
158	1416	1417	NS	1	0.0	41.269	25.318	0.0	39.896	25.059	0.0	25.435	13.941	0.0	24.817	13.222	0.0	1.904	0.0	0.0	1.901	0.0	0.0	2.192	0.0	0.0	2.181	0.0
159	1416	1417	SN	1	0.0	34.888	13.127	0.0	37.295	13.075	0.0	22.363	4.756	0.0	19.909	4.642	0.0	1.903	0.0	0.0	1.912	0.0	0.0	2.212	0.0	0.0	2.206	0.0
160	1416	1417	SN	1	0.0	34.888	13.127	0.0	37.295	13.075	0.0	22.363	4.756	0.0	19.909	4.642	0.0	1.903	0.0	0.0	1.912	0.0	0.0	2.212	0.0	0.0	2.206	0.0
161	1416	1417	NS	1	0.0	34.461	13.135	0.0	34.59	13.59	0.0	22.176	4.051	0.0	22.369	3.943	0.0	1.891	0.0	0.0	1.895	0.0	0.0	2.184	0.0	0.0	2.173	0.0
162	1416	1417	SN	1	0.0	41.908	25.076	0.0	38.357	25.432	0.0	25.893	14.43	0.0	25.981	14.653	0.0	1.91	0.0	0.0	1.925	0.0	0.0	2.217	0.0	0.0	2.21	0.0
163	1417	1418	NS	1	0.0	34.747	13.07	0.0	35.754	13.681	0.0	22.264	4.103	0.0	22.303	4.06	0.0	1.892	0.0	0.0	1.896	0.0	0.0	2.189	0.0	0.0	2.174	0.0
164	1417	1418	SN	1	0.0	41.942	25.008	0.0	38.908	25.498	0.0	25.551	14.5	0.0	25.97	14.636	0.0	1.907	0.0	0.0	1.911	0.0	0.0	2.213	0.0	0.0	2.209	0.0
165	1417	1418	NS	1	0.0	34.747	13.07	0.0	35.754	13.681	0.0	22.264	4.103	0.0	22.303	4.06	0.0	1.892	0.0	0.0	1.896	0.0	0.0	2.189	0.0	0.0	2.174	0.0
166	1417	1418	SN	1	0.0	41.942	25.008	0.0	38.908	25.498	0.0	25.551	14.5	0.0	25.97	14.636	0.0	1.907	0.0	0.0	1.911	0.0	0.0	2.213	0.0	0.0	2.209	0.0
167	1417	1418	NS	1	0.0	40.855	25.367	0.0	41.236	25.216	0.0	25.722	13.902	0.0	25.534	13.522	0.0	1.905	0.0	0.0	1.901	0.0	0.0	2.194	0.0	0.0	2.18	0.0
168	1417	1418	NS	1	0.0	34.742	13.089	0.0	35.754	13.687	0.0	22.264	4.103	0.0	22.369	4.06	0.0	1.893	0.0	0.0	1.895	0.0	0.0	2.189	0.0	0.0	2.173	0.0
169	1417	1418	SN	1	0.0	34.767	13.11	0.0	37.174	13.072	0.0	22.143	4.761	0.0	19.975	4.631	0.0	1.904	0.0	0.0	1.906	0.0	0.0	2.212	0.0	0.0	2.206	0.0
170	1417	1418	SN	1	0.0	34.767	13.114	0.0	37.174	13.074	0.0	22.143	4.761	0.0	19.97	4.633	0.0	1.904	0.0	0.0	1.906	0.0	0.0	2.212	0.0	0.0	2.206	0.0
171	1417	1418	NS	1	0.0	40.855	25.367	0.0	40.601	25.199	0.0	25.716	13.895	0.0	25.54	13.529	0.0	1.905	0.0	0.0	1.902	0.0	0.0	2.194	0.0	0.0	2.181	0.0
172	1417	1418	NS	1	0.0	40.855	25.367	0.0	40.601	25.199	0.0	25.716	13.895	0.0	25.54	13.529	0.0	1.905	0.0	0.0	1.902	0.0	0.0	2.194	0.0	0.0	2.181	0.0
173	1417	1418	SN	1	0.0	41.942	25.008	0.0	38.908	25.498	0.0	25.551	14.5	0.0	25.97	14.636	0.0	1.907	0.0	0.0	1.911	0.0	0.0	2.213	0.0	0.0	2.209	0.0
174	1417	1418	SN	1	0.0	34.767	13.11	0.0	37.174	13.072	0.0	22.143	4.761	0.0	19.975	4.631	0.0	1.904	0.0	0.0	1.906	0.0	0.0	2.212	0.0	0.0	2.206	0.0
175	1418	1419	NS	1	0.0	40.817	25.301	0.0	41.219	25.207	0.0	25.474	13.937	0.0	25.529	13.462	0.0	1.903	0.0	0.0	1.902	0.0	0.0	2.192	0.0	0.0	2.181	0.0
176	1418	1419	SN	1	0.0	41.953	25.082	0.0	38.39	25.553	0.0	25.898	14.479	0.0	25.959	14.674	0.0	1.915	0.0	0.0	1.913	0.0	0.0	2.213	0.0	0.0	2.209	0.0
177	1418	1419	SN	1	0.0	41.953	25.082	0.0	38.39	25.553	0.0	25.898	14.479	0.0	25.959	14.674	0.0	1.915	0.0	0.0	1.913	0.0	0.0	2.213	0.0	0.0	2.209	0.0
178	1418	1419	NS	1	0.0	34.477	13.009	0.0	34.612	13.662	0.0	22.099	4.106	0.0	22.369	4.062	0.0	1.891	0.0	0.0	1.897	0.0	0.0	2.184	0.0	0.0	2.173	0.0
179	1418	1419	SN	1	0.0	41.953	25.082	0.0	38.39	25.553	0.0	25.898	14.479	0.0	25.959	14.674	0.0	1.915	0.0	0.0	1.913	0.0	0.0	2.213	0.0	0.0	2.209	0.0

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

180	1418	1419	NS	1	0.0	34.477	13.009	0.0	34.612	13.662	0.0	22.099	4.106	0.0	22.369	4.062	0.0	1.891	0.0	0.0	1.897	0.0	0.0	2.184	0.0	0.0	2.173	0.0
181	1418	1419	NS	1	0.0	34.477	13.009	0.0	34.612	13.662	0.0	22.099	4.106	0.0	22.369	4.062	0.0	1.891	0.0	0.0	1.897	0.0	0.0	2.184	0.0	0.0	2.173	0.0
182	1418	1419	NS	1	0.0	40.817	25.301	0.0	41.219	25.207	0.0	25.474	13.937	0.0	25.529	13.462	0.0	1.903	0.0	0.0	1.902	0.0	0.0	2.192	0.0	0.0	2.181	0.0
183	1418	1419	NS	1	0.0	40.817	25.301	0.0	41.219	25.207	0.0	25.474	13.937	0.0	25.529	13.462	0.0	1.903	0.0	0.0	1.902	0.0	0.0	2.192	0.0	0.0	2.181	0.0
184	1418	1419	SN	1	0.0	34.855	13.136	0.0	37.279	13.103	0.0	22.369	4.756	0.0	19.915	4.63	0.0	1.898	0.0	0.0	1.909	0.0	0.0	2.21	0.0	0.0	2.205	0.0
185	1418	1419	SN	1	0.0	34.855	13.136	0.0	37.279	13.103	0.0	22.369	4.756	0.0	19.915	4.63	0.0	1.898	0.0	0.0	1.909	0.0	0.0	2.21	0.0	0.0	2.205	0.0
186	1418	1419	SN	1	0.0	34.855	13.136	0.0	37.279	13.103	0.0	22.369	4.756	0.0	19.915	4.63	0.0	1.898	0.0	0.0	1.909	0.0	0.0	2.21	0.0	0.0	2.205	0.0

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