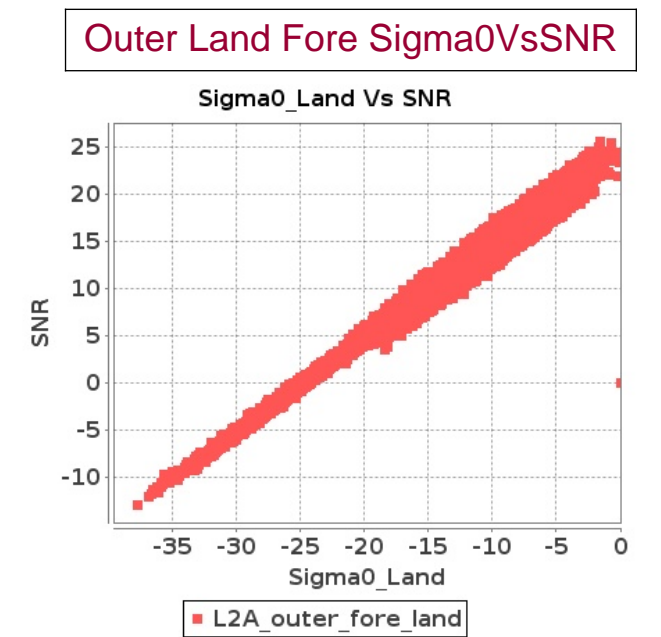
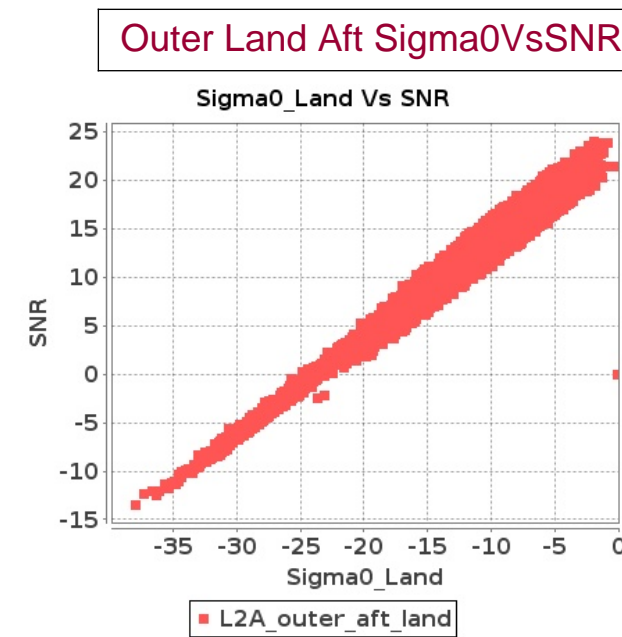
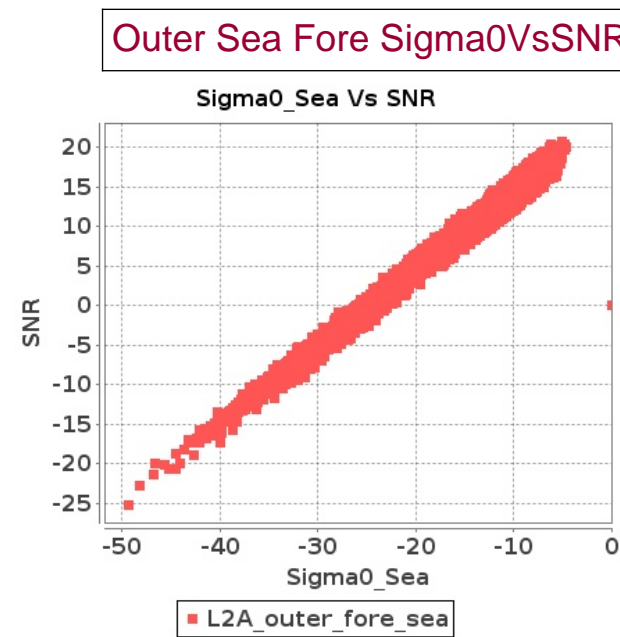
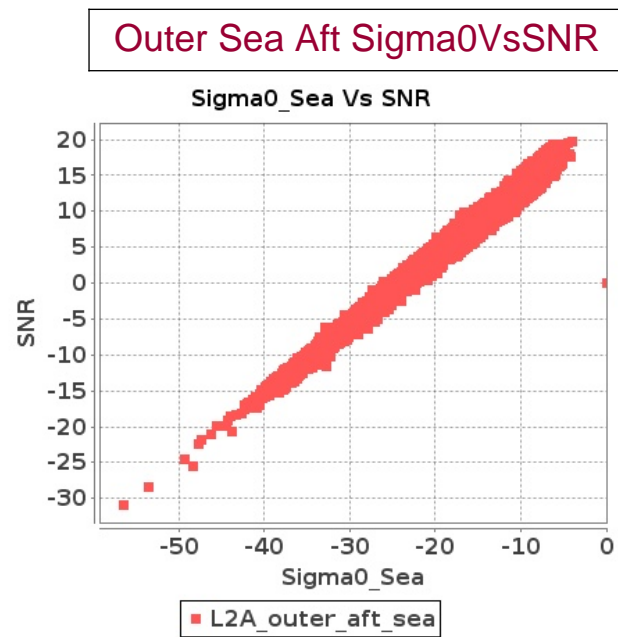
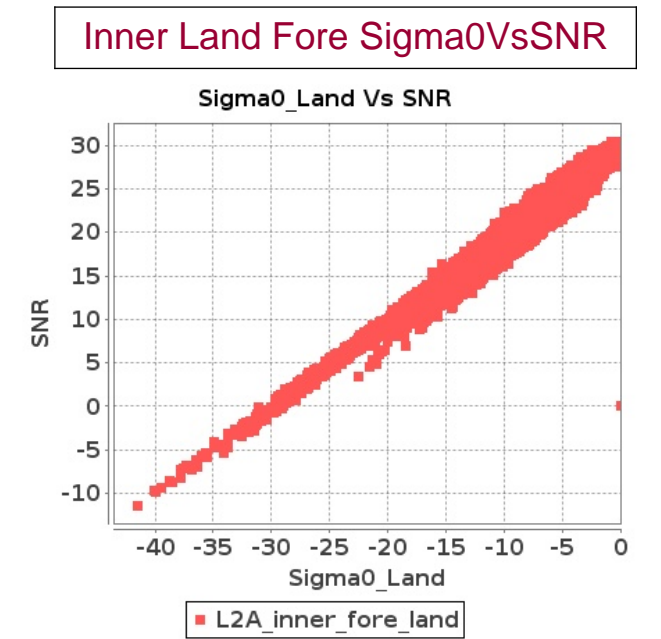
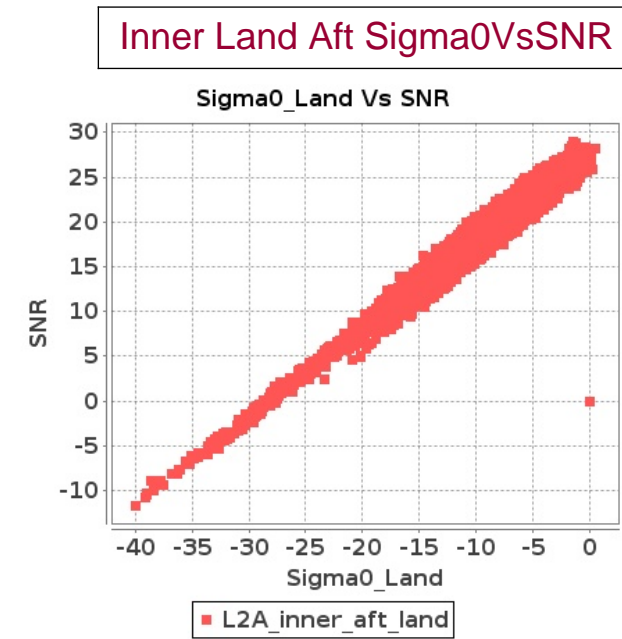
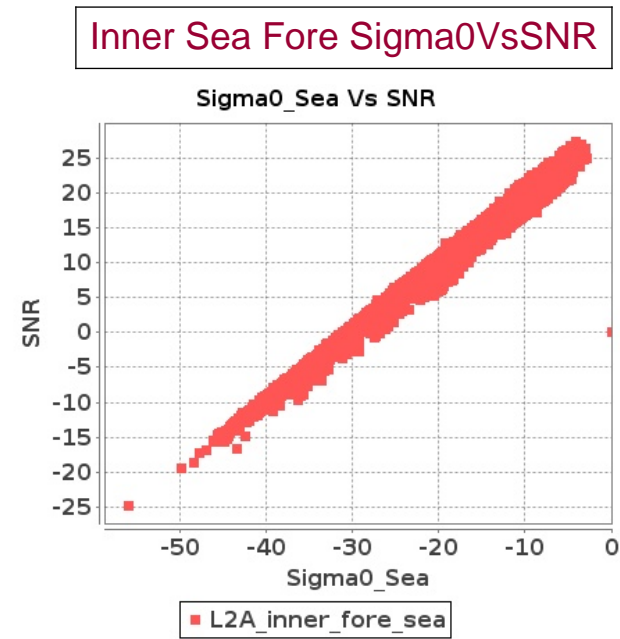
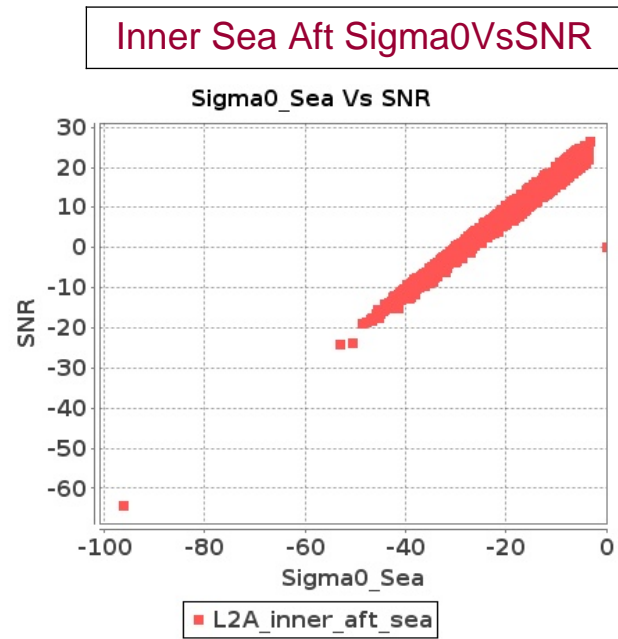


SCATSAT-1 Scatterometer Level-2A Data Quality Cycle wise Report

Report between 03-SEP-2017 To 04-SEP-2017



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

Report between 03-SEP-2017 To 04-SEP-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	4956	4957	SN	1	0.0	51.877	2.426	0.0	51.947	2.336	0.0	46.492	1.403	0.0	42.901	1.521	0.0	52.286	2.201	0.0	50.529	2.139	0.0	46.401	1.263	0.0	40.817	1.324
2	4956	4957	SN	1	0.0	51.877	2.426	0.0	51.947	2.336	0.0	46.492	1.403	0.0	42.901	1.521	0.0	52.286	2.201	0.0	50.529	2.139	0.0	46.401	1.263	0.0	40.817	1.324
3	4956	4957	SN	1	0.0	49.635	8.667	0.0	51.871	8.073	0.0	43.536	5.216	0.0	45.94	5.21	0.0	49.551	7.846	0.0	52.816	7.646	0.0	44.124	4.655	0.0	46.309	4.74
4	4956	4957	SN	1	0.0	51.877	2.403	0.0	51.947	2.351	0.0	46.492	1.387	0.0	42.901	1.506	0.0	52.286	2.183	0.0	50.529	2.145	0.0	46.401	1.238	0.0	40.817	1.306
5	4956	4957	NS	1	0.0	50.389	3.846	0.0	54.031	3.295	0.0	46.388	2.115	0.0	43.676	2.111	0.0	51.634	3.531	0.0	51.292	2.969	0.0	43.683	1.887	0.0	40.18	1.798
6	4956	4957	NS	1	0.0	52.448	13.101	0.0	52.719	11.007	0.0	49.662	7.328	0.0	49.459	7.625	0.0	52.642	12.16	0.0	52.967	10.548	0.0	46.755	7.122	0.0	49.957	6.71
7	4956	4957	NS	1	0.0	52.448	13.101	0.0	52.719	11.007	0.0	49.662	7.328	0.0	49.459	7.625	0.0	52.642	12.16	0.0	52.967	10.548	0.0	46.755	7.122	0.0	49.957	6.71
8	4956	4957	SN	1	0.0	49.635	8.653	0.0	51.871	8.075	0.0	43.536	5.159	0.0	45.94	5.254	0.0	49.551	7.854	0.0	52.816	7.66	0.0	44.124	4.606	0.0	46.309	4.759
9	4956	4957	SN	1	0.0	49.635	8.667	0.0	51.871	8.073	0.0	43.536	5.216	0.0	45.94	5.21	0.0	49.551	7.846	0.0	52.816	7.646	0.0	44.124	4.655	0.0	46.309	4.74
10	4956	4957	NS	1	0.0	50.389	3.846	0.0	54.031	3.295	0.0	46.388	2.115	0.0	43.676	2.111	0.0	51.634	3.531	0.0	51.292	2.969	0.0	43.683	1.887	0.0	40.18	1.798
11	4957	4958	SN	1	0.0	42.341	2.031	0.0	50.115	1.952	0.0	41.03	1.456	0.0	39.374	1.384	0.0	43.778	1.919	0.0	47.89	1.764	0.0	38.298	1.395	0.0	39.259	1.262
12	4957	4958	SN	1	0.0	46.993	6.854	0.0	57.036	5.978	0.0	41.319	4.633	0.0	40.284	4.264	0.0	47.155	6.649	0.0	55.674	5.516	0.0	38.751	4.496	0.0	41.107	3.947
13	4957	4958	NS	1	0.0	55.523	1.552	0.0	52.388	1.202	0.0	38.007	0.936	0.0	45.921	0.765	0.0	52.525	1.288	0.0	49.362	0.974	0.0	40.626	0.729	0.0	44.066	0.588
14	4957	4958	SN	1	0.0	46.993	6.854	0.0	57.036	5.978	0.0	41.319	4.633	0.0	40.284	4.264	0.0	47.155	6.649	0.0	55.674	5.516	0.0	38.751	4.496	0.0	41.107	3.947
15	4957	4958	NS	1	0.0	58.094	5.052	0.0	48.799	4.497	0.0	43.929	3.263	0.0	49.504	2.675	0.0	57.816	4.597	0.0	50.035	3.827	0.0	42.914	2.532	0.0	50.634	2.234
16	4957	4958	SN	1	0.0	46.993	6.83	0.0	57.036	5.918	0.0	41.319	4.616	0.0	40.284	4.227	0.0	45.725	6.606	0.0	55.674	5.46	0.0	38.751	4.473	0.0	41.107	3.913
17	4957	4958	SN	1	0.0	42.341	2.02	0.0	50.115	1.929	0.0	41.03	1.45	0.0	39.374	1.37	0.0	43.778	1.907	0.0	47.89	1.74	0.0	38.298	1.404	0.0	39.259	1.249
18	4957	4958	SN	1	0.0	42.341	2.031	0.0	50.115	1.952	0.0	41.03	1.456	0.0	39.374	1.384	0.0	43.778	1.919	0.0	47.89	1.764	0.0	38.298	1.395	0.0	39.259	1.262
19	4957	4958	NS	1	0.0	56.254	4.899	0.0	55.147	4.539	0.0	44.236	3.014	0.0	47.377	2.84	0.0	54.823	4.423	0.0	52.224	3.94	0.0	44.501	2.49	0.0	45.403	2.264
20	4957	4958	NS	1	0.0	47.018	1.519	0.0	46.231	1.129	0.0	45.641	0.917	0.0	45.689	0.79	0.0	45.356	1.257	0.0	44.649	0.888	0.0	45.501	0.701	0.0	44.066	0.6
21	4958	4959	SN	1	0.0	44.255	2.617	0.0	43.137	2.413	0.0	40.253	1.966	0.0	40.787	2.185	0.0	45.587	2.743	0.0	43.013	2.47	0.0	36.742	2.076	0.0	38.882	2.171
22	4958	4959	SN	1	0.0	54.651	7.841	0.0	47.699	6.766	0.0	45.838	6.008	0.0	43.78	6.146	0.0	55.052	8.125	0.0	45.964	6.827	0.0	46.03	6.328	0.0	42.437	6.203
23	4958	4959	NS	1	0.0	44.283	2.039	0.0	45.007	1.604	0.0	39.272	1.449	0.0	44.767	1.331	0.0	44.762	1.78	0.0	46.44	1.326	0.0	37.119	1.194	0.0	41.743	1.098
24	4958	4959	SN	1	0.0	54.651	7.841	0.0	47.699	6.766	0.0	45.838	6.008	0.0	43.78	6.146	0.0	55.052	8.125	0.0	45.964	6.827	0.0	46.03	6.328	0.0	42.437	6.203
25	4958	4959	SN	1	0.0	54.651	7.9	0.0	47.699	6.739	0.0	45.838	6.053	0.0	43.78	6.204	0.0	55.052	8.199	0.0	45.964	6.791	0.0	46.03	6.384	0.0	42.437	6.276
26	4958	4959	NS	1	0.0	51.484	5.962	0.0	49.643	5.076	0.0	44.721	4.249	0.0	43.763	3.857	0.0	50.872	5.557	0.0	48.467	4.416	0.0	42.804	3.858	0.0	41.887	3.473
27	4958	4959	SN	1	0.0	44.255	2.617	0.0	43.137	2.413	0.0	40.253	1.966	0.0	40.787	2.185	0.0	45.587	2.743	0.0	43.013	2.47	0.0	36.742	2.076	0.0	38.882	2.171
28	4958	4959	SN	1	0.0	44.255	2.65	0.0	43.137	2.404	0.0	40.253	1.985	0.0	40.787	2.209	0.0	45.587	2.779	0.0	43.013	2.473	0.0	36.742	2.1	0.0	38.882	2.195
29	4959	4960	SN	1	0.0	45.103	6.389	0.0	46.501	5.618	0.0	39.71	4.204	0.0	43.641	4.149	0.0	45.577	6.161	0.0	47.556	5.182	0.0	39.078	4.117	0.0	41.217	3.916
30	4959	4960	NS	1	0.0	52.468	5.223	0.0	51.764	4.701	0.0	49.942	3.539	0.0	39.897	3.21	0.0	52.6	4.535	0.0	52.164	4.102	0.0	48.925	3.107	0.0	40.712	2.975
31	4959	4960	SN	1	0.0	49.81	6.523	0.0	46.501	5.636	0.0	39.71	4.18	0.0	43.641	4.199	0.0	46.898	6.218	0.0	47.556	5.199	0.0	39.078	4.067	0.0	41.217	3.936

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

32	4959	4960	SN	1	0.0	49.81	6.523	0.0	46.501	5.636	0.0	39.71	4.18	0.0	43.641	4.199	0.0	46.898	6.218	0.0	47.556	5.199	0.0	39.078	4.067	0.0	41.217	3.936
33	4959	4960	NS	1	0.0	52.589	1.56	0.0	41.947	1.361	0.0	41.583	1.003	0.0	39.23	0.901	0.0	50.333	1.326	0.0	41.244	1.188	0.0	41.189	0.874	0.0	40.929	0.828
34	4959	4960	NS	1	0.0	58.402	5.028	0.0	51.764	4.68	0.0	50.728	3.474	0.0	40.819	3.479	0.0	57.806	4.451	0.0	50.097	3.969	0.0	47.857	3.155	0.0	39.895	3.173
35	4959	4960	NS	1	0.0	48.056	1.608	0.0	40.978	1.38	0.0	43.885	0.885	0.0	39.015	0.882	0.0	48.846	1.406	0.0	41.115	1.233	0.0	42.367	0.775	0.0	37.672	0.772
36	4959	4960	SN	1	0.0	52.474	2.021	0.0	47.184	1.785	0.0	40.395	1.408	0.0	40.041	1.346	0.0	51.804	1.887	0.0	44.624	1.681	0.0	40.426	1.318	0.0	37.725	1.267
37	4959	4960	SN	1	0.0	52.474	2.039	0.0	47.184	1.767	0.0	40.395	1.398	0.0	40.041	1.358	0.0	51.804	1.89	0.0	44.624	1.663	0.0	40.426	1.3	0.0	37.725	1.276
38	4959	4960	SN	1	0.0	52.474	2.039	0.0	47.184	1.767	0.0	40.395	1.398	0.0	40.041	1.358	0.0	51.804	1.89	0.0	44.624	1.663	0.0	40.426	1.3	0.0	37.725	1.276
39	4960	4961	SN	1	0.0	46.637	9.307	0.0	46.537	7.534	0.0	44.783	5.892	0.0	44.407	6.1	0.0	45.699	8.393	0.0	46.734	6.797	0.0	42.862	5.502	0.0	41.539	5.488
40	4960	4961	SN	1	0.0	48.101	2.855	0.0	48.662	2.371	0.0	42.242	2.069	0.0	39.277	2.113	0.0	45.197	2.396	0.0	48.786	2.036	0.0	42.976	1.883	0.0	37.0	1.813
41	4960	4961	NS	1	0.0	50.964	2.095	0.0	50.024	1.897	0.0	48.604	1.474	0.0	41.085	1.384	0.0	49.292	1.942	0.0	49.056	1.746	0.0	49.116	1.327	0.0	38.958	1.278
42	4960	4961	NS	1	0.0	51.258	6.873	0.0	52.709	6.254	0.0	44.982	4.837	0.0	47.428	4.761	0.0	53.087	6.65	0.0	52.677	5.888	0.0	43.471	4.61	0.0	45.731	4.49
43	4960	4961	NS	1	0.0	50.434	2.085	0.0	45.522	1.86	0.0	42.298	1.493	0.0	45.797	1.405	0.0	49.029	1.973	0.0	47.608	1.657	0.0	43.246	1.328	0.0	47.563	1.256
44	4960	4961	NS	1	0.0	53.161	7.122	0.0	49.425	6.172	0.0	44.783	4.935	0.0	48.955	4.652	0.0	53.358	6.889	0.0	50.863	5.969	0.0	46.762	4.63	0.0	45.731	4.183
45	4960	4961	SN	1	0.0	46.449	2.841	0.0	48.78	2.334	0.0	43.611	2.118	0.0	38.367	2.086	0.0	44.527	2.41	0.0	49.423	2.025	0.0	44.322	1.948	0.0	36.564	1.777
46	4960	4961	SN	1	0.0	48.101	2.87	0.0	48.662	2.403	0.0	42.242	2.083	0.0	39.277	2.162	0.0	45.197	2.411	0.0	48.786	2.068	0.0	42.976	1.901	0.0	37.0	1.857
47	4960	4961	SN	1	0.0	42.68	9.444	0.0	46.537	7.671	0.0	44.783	5.909	0.0	44.407	6.017	0.0	44.201	8.44	0.0	46.734	6.928	0.0	42.862	5.525	0.0	41.539	5.39
48	4960	4961	SN	1	0.0	46.164	9.119	0.0	46.378	7.641	0.0	46.116	5.837	0.0	44.84	5.96	0.0	46.987	8.196	0.0	46.574	6.888	0.0	43.44	5.517	0.0	42.88	5.283
49	4961	4962	SN	1	0.0	45.27	12.496	0.0	51.268	10.73	0.0	45.652	8.143	0.0	45.408	8.248	0.0	45.367	11.714	0.0	53.09	10.173	0.0	46.338	8.266	0.0	46.341	7.96
50	4961	4962	NS	1	0.0	53.339	7.413	0.0	53.727	6.172	0.0	39.903	4.676	0.0	44.606	3.906	0.0	51.31	6.734	0.0	50.454	5.664	0.0	42.681	4.25	0.0	45.301	3.436
51	4961	4962	NS	1	0.0	49.826	7.413	0.0	45.884	6.101	0.0	39.261	4.555	0.0	48.036	3.792	0.0	49.228	6.623	0.0	45.92	5.472	0.0	42.062	4.137	0.0	51.155	3.45
52	4961	4962	NS	1	0.0	48.539	2.234	0.0	47.222	1.673	0.0	40.476	1.358	0.0	40.835	1.226	0.0	47.357	1.875	0.0	46.849	1.411	0.0	38.211	1.229	0.0	38.397	1.02
53	4961	4962	SN	1	0.0	45.27	12.5	0.0	51.268	10.878	0.0	45.652	8.068	0.0	45.408	8.299	0.0	45.367	11.679	0.0	53.09	10.329	0.0	46.338	8.189	0.0	46.341	8.029
54	4961	4962	SN	1	0.0	44.611	3.766	0.0	40.79	3.519	0.0	40.152	2.611	0.0	38.827	2.538	0.0	41.32	3.651	0.0	42.539	3.282	0.0	38.987	2.565	0.0	39.059	2.449
55	4961	4962	SN	1	0.0	44.611	3.801	0.0	40.79	3.484	0.0	40.152	2.644	0.0	38.827	2.55	0.0	41.32	3.691	0.0	42.539	3.25	0.0	38.987	2.601	0.0	39.059	2.453
56	4961	4962	SN	1	0.0	45.27	12.5	0.0	51.268	10.878	0.0	45.652	8.068	0.0	45.408	8.299	0.0	45.367	11.679	0.0	53.09	10.329	0.0	46.338	8.189	0.0	46.341	8.029
57	4961	4962	SN	1	0.0	44.611	3.766	0.0	40.79	3.519	0.0	40.152	2.611	0.0	38.827	2.538	0.0	41.32	3.651	0.0	42.539	3.282	0.0	38.987	2.565	0.0	39.059	2.449
58	4961	4962	NS	1	0.0	52.299	2.243	0.0	50.692	1.659	0.0	39.199	1.406	0.0	38.5	1.268	0.0	49.902	1.886	0.0	48.456	1.413	0.0	39.811	1.216	0.0	36.233	1.036
59	4962	4963	NS	1	0.0	44.397	2.074	0.0	45.202	1.44	0.0	39.404	1.59	0.0	43.768	1.275	0.0	46.37	1.695	0.0	42.542	1.179	0.0	38.296	1.37	0.0	40.372	1.048
60	4962	4963	NS	1	0.0	50.48	5.57	0.0	48.421	4.578	0.0	44.275	4.378	0.0	45.48	3.699	0.0	47.907	4.962	0.0	45.332	3.898	0.0	43.141	4.073	0.0	44.357	3.066
61	4962	4963	NS	1	0.0	44.886	2.021	0.0	42.425	1.538	0.0	45.688	1.504	0.0	43.918	1.279	0.0	46.021	1.744	0.0	41.613	1.233	0.0	45.259	1.306	0.0	39.749	1.116
62	4962	4963	SN	1	0.0	53.146	9.006	0.0	52.169	9.006	0.0	45.971	5.986	0.0	52.907	6.196	0.0	56.615	8.347	0.0	51.431	8.466	0.0	47.602	5.63	0.0	49.126	5.84
63	4962	4963	SN	1	0.0	53.146	9.016	0.0	52.169	8.985	0.0	45.971	5.979	0.0	52.907	6.21	0.0	56.615	8.327	0.0	51.431	8.487	0.0	47.602	5.637	0.0	49.126	5.832
64	4962	4963	SN	1	0.0	49.444	2.89	0.0	49.029	2.654	0.0	38.639	1.82	0.0	45.35	1.868	0.0	49.254	2.603	0.0	46.288	2.421	0.0	38.499	1.675	0.0	46.775	1.717
65	4962	4963	SN	1	0.0	49.444	2.901	0.0	49.029	2.656	0.0	38.639	1.809	0.0	45.35	1.866	0.0	49.254	2.592	0.0	46.288	2.414	0.0	38.499	1.657	0.0	46.775	1.722
66	4962	4963	SN	1	0.0	53.146	8.474	0.0	51.842	8.232	0.0	45.971	6.094	0.0	52.907	5.89	0.0	56.615	7.794	0.0	51.431	7.658	0.0	47.602	5.744	0.0	49.126	5.495
67	4962	4963	NS	1	0.0	42.686	5.811	0.0	46.002	4.071	0.0	42.696	4.426	0.0	45.48	3.984	0.0	46.757	4.86	0.0	43.269	3.35	0.0	42.392	4.079	0.0	44.647	3.408

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

68	4962	4963	SN	1	0.0	49.444	2.85	0.0	49.731	2.527	0.0	38.639	1.859	0.0	45.35	1.811	0.0	49.254	2.552	0.0	46.99	2.292	0.0	38.499	1.714	0.0	46.775	1.64
69	4963	4964	SN	1	0.0	47.847	4.143	0.0	56.332	4.53	0.0	45.51	3.539	0.0	44.464	3.358	0.0	48.119	3.675	0.0	55.264	4.051	0.0	43.477	3.172	0.0	43.972	3.061
70	4963	4964	NS	1	0.0	40.449	1.802	0.0	46.231	1.452	0.0	35.835	1.372	0.0	40.219	1.295	0.0	39.484	1.586	0.0	43.709	1.296	0.0	34.698	1.237	0.0	38.693	1.162
71	4963	4964	NS	1	0.0	43.44	5.568	0.0	54.75	4.609	0.0	51.309	3.916	0.0	43.955	4.176	0.0	41.837	5.204	0.0	51.446	4.234	0.0	46.961	3.689	0.0	41.316	3.55
72	4963	4964	NS	1	0.0	46.846	5.619	0.0	46.286	4.538	0.0	48.565	4.136	0.0	42.847	4.219	0.0	43.948	5.153	0.0	45.752	4.162	0.0	49.126	3.717	0.0	42.316	3.578
73	4963	4964	SN	1	0.0	49.258	1.74	0.0	50.073	1.595	0.0	45.819	1.181	0.0	39.582	1.134	0.0	47.136	1.596	0.0	51.088	1.376	0.0	45.032	1.039	0.0	40.395	0.98
74	4963	4964	SN	1	0.0	49.258	1.74	0.0	50.073	1.595	0.0	45.819	1.181	0.0	39.582	1.134	0.0	47.136	1.596	0.0	51.088	1.376	0.0	45.032	1.039	0.0	40.395	0.98
75	4963	4964	SN	1	0.0	47.847	4.755	0.0	56.332	5.257	0.0	45.51	3.973	0.0	46.006	3.928	0.0	48.119	4.41	0.0	55.264	4.738	0.0	43.477	3.661	0.0	48.802	3.593
76	4963	4964	SN	1	0.0	47.847	4.755	0.0	56.332	5.257	0.0	45.51	3.973	0.0	46.006	3.928	0.0	48.119	4.41	0.0	55.264	4.738	0.0	43.477	3.661	0.0	48.802	3.593
77	4963	4964	NS	1	0.0	44.072	1.848	0.0	45.473	1.443	0.0	39.046	1.398	0.0	37.564	1.304	0.0	41.495	1.591	0.0	42.95	1.267	0.0	38.683	1.265	0.0	39.418	1.155
78	4963	4964	SN	1	0.0	44.735	1.5	0.0	50.073	1.391	0.0	45.819	1.041	0.0	39.582	1.019	0.0	44.205	1.289	0.0	49.677	1.175	0.0	45.032	0.903	0.0	40.395	0.863
79	4964	4965	SN	1	0.0	46.331	4.056	0.0	52.816	3.315	0.0	47.819	3.462	0.0	44.95	2.794	0.0	47.805	3.538	0.0	53.255	2.857	0.0	45.461	3.106	0.0	45.59	2.431
80	4964	4965	SN	1	0.0	46.331	4.056	0.0	52.816	3.315	0.0	47.819	3.462	0.0	44.95	2.794	0.0	47.805	3.538	0.0	53.255	2.857	0.0	45.461	3.106	0.0	45.59	2.431
81	4964	4965	NS	1	0.0	51.28	9.142	0.0	53.942	7.817	0.0	42.795	6.108	0.0	41.178	5.556	0.0	48.579	8.049	0.0	54.463	6.995	0.0	44.673	5.384	0.0	43.927	4.952
82	4964	4965	NS	1	0.0	51.28	9.142	0.0	53.942	7.817	0.0	42.795	6.108	0.0	41.178	5.556	0.0	48.579	8.049	0.0	54.463	6.995	0.0	44.673	5.384	0.0	43.927	4.952
83	4964	4965	SN	1	0.0	50.943	1.474	0.0	45.126	1.091	0.0	39.087	1.101	0.0	41.436	1.054	0.0	48.938	1.187	0.0	43.984	0.872	0.0	39.062	0.926	0.0	42.196	0.852
84	4964	4965	SN	1	0.0	50.943	1.474	0.0	45.126	1.091	0.0	39.087	1.101	0.0	41.436	1.054	0.0	48.938	1.187	0.0	43.984	0.872	0.0	39.062	0.926	0.0	42.196	0.852
85	4964	4965	NS	1	0.0	48.087	2.814	0.0	49.611	2.297	0.0	44.365	1.674	0.0	50.126	1.62	0.0	48.097	2.42	0.0	52.291	1.992	0.0	43.395	1.426	0.0	45.877	1.37
86	4964	4965	NS	1	0.0	48.087	2.814	0.0	49.611	2.297	0.0	44.365	1.674	0.0	50.126	1.62	0.0	48.097	2.42	0.0	52.291	1.992	0.0	43.395	1.426	0.0	45.877	1.37
87	4965	4966	NS	1	0.0	54.716	7.226	0.0	46.924	6.997	0.0	45.759	5.497	0.0	48.381	5.652	0.0	55.069	6.841	0.0	47.862	6.835	0.0	44.587	5.362	0.0	48.393	5.46
88	4965	4966	NS	1	0.0	51.971	2.333	0.0	45.688	2.302	0.0	40.799	1.649	0.0	45.021	1.779	0.0	50.169	2.254	0.0	46.903	2.189	0.0	40.513	1.583	0.0	40.934	1.672
89	4965	4966	SN	1	0.0	41.169	2.666	0.0	43.564	2.639	0.0	39.599	1.885	0.0	41.045	2.034	0.0	43.987	2.494	0.0	42.968	2.465	0.0	41.324	1.796	0.0	39.698	1.844
90	4965	4966	SN	1	0.0	54.355	6.864	0.0	56.662	7.107	0.0	44.974	5.75	0.0	43.69	5.873	0.0	55.8	6.357	0.0	59.572	6.477	0.0	48.283	5.452	0.0	43.665	5.617
91	4965	4966	NS	1	0.0	54.716	7.226	0.0	46.924	6.997	0.0	45.759	5.497	0.0	48.381	5.652	0.0	55.069	6.841	0.0	47.862	6.835	0.0	44.587	5.362	0.0	48.393	5.46
92	4965	4966	NS	1	0.0	51.971	2.333	0.0	45.688	2.302	0.0	40.799	1.649	0.0	45.021	1.779	0.0	50.169	2.254	0.0	46.903	2.189	0.0	40.513	1.583	0.0	40.934	1.672
93	4966	4967	NS	1	0.0	51.916	6.902	0.0	50.644	6.378	0.0	41.336	5.327	0.0	44.656	5.545	0.0	52.202	6.275	0.0	50.867	5.585	0.0	41.468	5.242	0.0	44.4	5.154
94	4966	4967	NS	1	0.0	42.598	2.347	0.0	47.85	2.065	0.0	39.73	1.774	0.0	41.763	1.811	0.0	41.445	2.099	0.0	50.124	1.954	0.0	38.893	1.626	0.0	44.189	1.66
95	4966	4967	SN	1	0.0	46.173	1.649	0.0	50.615	1.789	0.0	40.114	1.063	0.0	46.483	1.186	0.0	50.019	1.374	0.0	49.643	1.543	0.0	40.282	0.937	0.0	44.738	0.994
96	4966	4967	SN	1	0.0	47.85	4.456	0.0	55.896	5.389	0.0	42.553	3.62	0.0	44.857	3.856	0.0	47.752	3.806	0.0	56.038	4.769	0.0	45.888	2.995	0.0	44.506	3.336
97	4967	4968	NS	1	0.0	46.806	2.59	0.0	42.533	2.127	0.0	37.798	1.97	0.0	39.855	1.975	0.0	47.26	2.261	0.0	41.464	1.93	0.0	38.106	1.926	0.0	36.754	1.86
98	4967	4968	NS	1	0.0	52.001	7.081	0.0	50.278	6.284	0.0	43.215	5.899	0.0	47.584	5.983	0.0	48.812	6.545	0.0	49.336	5.705	0.0	43.168	5.828	0.0	46.752	5.698
99	4967	4968	SN	1	0.0	52.169	6.41	0.0	51.193	6.969	0.0	49.7	4.579	0.0	43.71	5.483	0.0	52.646	5.731	0.0	51.613	6.532	0.0	45.977	4.181	0.0	43.807	4.87
100	4967	4968	NS	1	0.0	46.806	2.517	0.0	42.533	2.068	0.0	37.798	1.912	0.0	39.855	1.919	0.0	47.26	2.198	0.0	41.464	1.876	0.0	38.106	1.87	0.0	36.754	1.808
101	4967	4968	NS	1	0.0	52.001	7.273	0.0	50.278	6.464	0.0	43.215	6.075	0.0	47.584	6.156	0.0	48.812	6.731	0.0	49.336	5.869	0.0	43.168	6.002	0.0	46.752	5.863
102	4967	4968	SN	1	0.0	44.103	2.24	0.0	52.624	2.262	0.0	44.158	1.455	0.0	42.301	1.807	0.0	44.59	1.908	0.0	52.111	1.957	0.0	47.477	1.247	0.0	44.802	1.539
103	4968	4969	NS	1	0.0	40.997	2.52	0.0	42.903	2.359	0.0	39.124	1.848	0.0	38.212	1.944	0.0	44.626	2.024	0.0	42.032	1.894	0.0	38.913	1.624	0.0	39.241	1.664

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

104	4968	4969	NS	1	0.0	40.997	2.695	0.0	42.903	2.517	0.0	39.124	1.978	0.0	38.212	2.079	0.0	44.626	2.165	0.0	42.032	2.02	0.0	38.913	1.738	0.0	39.241	1.78
105	4968	4969	NS	1	0.0	48.553	7.693	0.0	52.996	7.337	0.0	46.139	5.942	0.0	42.737	6.133	0.0	48.65	6.611	0.0	51.77	6.459	0.0	41.798	5.577	0.0	45.987	5.624
106	4968	4969	SN	1	0.0	46.446	2.444	0.0	41.487	2.142	0.0	37.321	1.636	0.0	43.16	1.887	0.0	45.265	2.078	0.0	42.288	1.939	0.0	37.85	1.45	0.0	45.819	1.688
107	4968	4969	SN	1	0.0	51.838	6.38	0.0	48.256	5.87	0.0	40.753	4.423	0.0	48.33	5.162	0.0	50.76	5.924	0.0	48.265	5.463	0.0	38.853	4.06	0.0	49.415	4.613
108	4968	4969	NS	1	0.0	48.553	7.212	0.0	52.996	6.872	0.0	46.139	5.551	0.0	42.737	5.741	0.0	48.65	6.18	0.0	51.77	6.05	0.0	41.798	5.211	0.0	45.987	5.264
109	4969	4970	NS	1	0.0	46.814	3.801	0.0	52.261	3.298	0.0	42.682	2.642	0.0	45.684	2.412	0.0	48.289	3.691	0.0	49.817	3.316	0.0	42.835	2.676	0.0	43.293	2.315
110	4969	4970	NS	1	0.0	49.428	11.682	0.0	51.286	10.664	0.0	47.689	7.677	0.0	45.488	7.894	0.0	50.428	11.877	0.0	48.351	10.687	0.0	45.922	8.144	0.0	45.518	7.975
111	4970	4971	SN	1	0.0	53.962	8.966	0.0	53.238	8.528	0.0	46.364	6.447	0.0	44.125	6.781	0.0	51.956	8.56	0.0	56.002	8.477	0.0	45.118	6.405	0.0	43.977	6.588
112	4970	4971	SN	1	0.0	51.964	8.84	0.0	53.238	8.651	0.0	46.364	6.27	0.0	44.125	6.881	0.0	51.108	8.338	0.0	56.002	8.512	0.0	45.118	6.33	0.0	43.977	6.626
113	4970	4971	SN	1	0.0	51.043	3.202	0.0	48.395	3.114	0.0	45.494	2.013	0.0	46.141	2.269	0.0	50.184	3.139	0.0	48.532	3.039	0.0	41.748	1.948	0.0	45.746	2.119
114	4970	4971	SN	1	0.0	48.129	3.274	0.0	48.395	3.209	0.0	45.1	2.008	0.0	46.141	2.3	0.0	50.184	3.217	0.0	48.532	3.109	0.0	40.958	1.938	0.0	45.746	2.132
115	4970	4971	SN	1	0.0	53.962	8.966	0.0	53.238	8.528	0.0	46.364	6.447	0.0	44.125	6.781	0.0	51.956	8.56	0.0	56.002	8.477	0.0	45.118	6.405	0.0	43.977	6.588
116	4970	4971	SN	1	0.0	51.043	3.202	0.0	48.395	3.114	0.0	45.494	2.013	0.0	46.141	2.271	0.0	50.184	3.139	0.0	48.532	3.039	0.0	41.748	1.948	0.0	45.746	2.119
117	4971	4972	SN	1	0.0	50.409	6.781	0.0	53.834	6.599	0.0	47.476	4.934	0.0	43.659	5.647	0.0	50.525	6.4	0.0	55.692	6.268	0.0	47.152	4.551	0.0	43.11	5.126
118	4971	4972	SN	1	0.0	50.409	6.753	0.0	53.834	6.498	0.0	47.476	4.982	0.0	43.659	5.567	0.0	50.525	6.337	0.0	55.692	6.172	0.0	47.152	4.627	0.0	43.11	5.054
119	4971	4972	NS	1	0.0	48.07	2.16	0.0	49.232	1.595	0.0	38.992	1.591	0.0	41.744	1.343	0.0	44.618	1.712	0.0	45.804	1.326	0.0	40.968	1.382	0.0	39.898	1.141
120	4971	4972	NS	1	0.0	48.07	2.16	0.0	49.232	1.595	0.0	38.992	1.591	0.0	41.744	1.343	0.0	44.618	1.712	0.0	45.804	1.326	0.0	40.968	1.382	0.0	39.898	1.141
121	4971	4972	SN	1	0.0	50.409	6.753	0.0	53.834	6.498	0.0	47.476	4.982	0.0	43.659	5.567	0.0	50.525	6.337	0.0	55.692	6.172	0.0	47.152	4.627	0.0	43.11	5.054
122	4971	4972	SN	1	0.0	50.926	2.668	0.0	46.967	2.684	0.0	50.066	1.646	0.0	44.459	1.988	0.0	52.148	2.434	0.0	48.105	2.417	0.0	48.812	1.529	0.0	44.49	1.768
123	4971	4972	NS	1	0.0	54.014	6.966	0.0	50.522	5.086	0.0	44.391	4.817	0.0	49.851	4.304	0.0	54.122	5.994	0.0	50.998	4.711	0.0	44.395	4.285	0.0	49.076	3.785
124	4971	4972	SN	1	0.0	50.926	2.668	0.0	46.967	2.684	0.0	50.066	1.646	0.0	44.459	1.988	0.0	52.148	2.434	0.0	48.105	2.417	0.0	48.812	1.529	0.0	44.49	1.768
125	4971	4972	SN	1	0.0	50.926	2.696	0.0	46.967	2.723	0.0	50.066	1.624	0.0	44.459	2.013	0.0	52.148	2.46	0.0	48.105	2.455	0.0	48.812	1.516	0.0	44.49	1.79
126	4971	4972	NS	1	0.0	54.014	6.966	0.0	50.522	5.086	0.0	44.391	4.817	0.0	49.851	4.304	0.0	54.122	5.994	0.0	50.998	4.711	0.0	44.395	4.285	0.0	49.076	3.785
127	4972	4973	NS	1	0.0	46.322	1.982	0.0	47.163	1.713	0.0	40.137	1.525	0.0	40.719	1.399	0.0	43.982	1.68	0.0	49.283	1.507	0.0	37.254	1.313	0.0	44.629	1.232
128	4972	4973	NS	1	0.0	46.863	6.277	0.0	44.529	5.563	0.0	42.326	4.398	0.0	45.095	4.588	0.0	46.306	5.538	0.0	46.035	4.934	0.0	43.403	4.008	0.0	46.482	4.105
129	4972	4973	SN	1	0.0	42.705	3.296	0.0	53.751	3.341	0.0	42.573	2.119	0.0	41.099	2.323	0.0	45.755	3.21	0.0	51.151	3.337	0.0	42.794	2.061	0.0	40.626	2.222
130	4972	4973	NS	1	0.0	47.949	1.978	0.0	45.958	1.658	0.0	46.396	1.467	0.0	41.843	1.423	0.0	51.939	1.735	0.0	44.33	1.475	0.0	47.639	1.271	0.0	38.97	1.198
131	4972	4973	SN	1	0.0	53.441	8.267	0.0	48.591	7.858	0.0	42.573	6.04	0.0	47.528	7.083	0.0	55.395	7.63	0.0	48.228	7.662	0.0	43.566	5.968	0.0	47.954	6.852
132	4972	4973	SN	1	0.0	52.666	8.287	0.0	48.927	7.858	0.0	42.372	6.004	0.0	46.003	7.101	0.0	54.617	7.701	0.0	48.563	7.56	0.0	42.701	5.961	0.0	46.429	6.957
133	4972	4973	SN	1	0.0	52.666	8.172	0.0	48.927	7.789	0.0	42.372	5.977	0.0	46.003	7.028	0.0	54.617	7.594	0.0	48.563	7.494	0.0	42.701	5.928	0.0	46.429	6.885
134	4972	4973	NS	1	0.0	48.068	6.375	0.0	51.053	5.453	0.0	42.908	4.447	0.0	45.756	4.606	0.0	46.998	5.95	0.0	47.924	4.854	0.0	41.018	3.972	0.0	46.482	4.157
135	4972	4973	SN	1	0.0	42.733	3.32	0.0	50.975	3.368	0.0	41.904	2.13	0.0	42.651	2.379	0.0	45.338	3.226	0.0	50.575	3.38	0.0	42.123	2.054	0.0	40.131	2.305
136	4972	4973	SN	1	0.0	42.705	3.343	0.0	53.751	3.382	0.0	42.573	2.128	0.0	41.099	2.352	0.0	45.755	3.256	0.0	51.151	3.38	0.0	42.794	2.071	0.0	40.626	2.249
137	4973	4974	SN	1	0.0	44.158	6.384	0.0	44.747	7.27	0.0	44.981	5.847	0.0	43.342	6.493	0.0	43.159	6.253	0.0	45.786	7.524	0.0	42.72	6.053	0.0	41.762	6.465
138	4973	4974	NS	1	0.0	49.088	5.639	0.0	49.47	4.751	0.0	43.005	3.987	0.0	47.035	3.941	0.0	49.482	5.234	0.0	48.953	4.203	0.0	45.207	3.781	0.0	46.472	3.422
139	4973	4974	SN	1	0.0	44.21	6.342	0.0	44.747	7.06	0.0	43.927	5.919	0.0	43.342	6.409	0.0	43.212	6.207	0.0	45.786	7.298	0.0	41.662	6.123	0.0	41.762	6.387

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

140	4973	4974	SN	1	0.0	44.158	6.384	0.0	44.747	7.27	0.0	44.981	5.854	0.0	43.342	6.493	0.0	43.159	6.253	0.0	45.786	7.514	0.0	42.72	6.053	0.0	41.762	6.465
141	4973	4974	NS	1	0.0	49.088	5.639	0.0	49.47	4.751	0.0	43.005	3.987	0.0	47.035	3.941	0.0	49.482	5.234	0.0	48.953	4.203	0.0	45.207	3.781	0.0	46.472	3.422
142	4973	4974	SN	1	0.0	41.913	2.467	0.0	40.049	2.706	0.0	37.707	2.04	0.0	41.0	2.228	0.0	43.684	2.494	0.0	41.555	2.773	0.0	37.157	2.053	0.0	41.608	2.291
143	4973	4974	SN	1	0.0	41.913	2.447	0.0	41.17	2.736	0.0	37.707	2.007	0.0	41.0	2.247	0.0	42.176	2.474	0.0	41.555	2.808	0.0	37.157	2.009	0.0	41.608	2.313
144	4973	4974	SN	1	0.0	41.913	2.447	0.0	41.17	2.736	0.0	37.707	2.007	0.0	41.0	2.245	0.0	42.176	2.471	0.0	41.555	2.808	0.0	37.157	2.009	0.0	41.608	2.311
145	4973	4974	NS	1	0.0	48.604	2.003	0.0	46.187	1.61	0.0	39.571	1.349	0.0	45.383	1.219	0.0	46.263	1.778	0.0	44.775	1.529	0.0	38.898	1.257	0.0	41.437	1.051
146	4973	4974	NS	1	0.0	48.604	2.003	0.0	46.187	1.61	0.0	39.571	1.349	0.0	45.383	1.219	0.0	46.263	1.778	0.0	44.775	1.529	0.0	38.898	1.257	0.0	41.437	1.051
147	4974	4975	SN	1	0.0	42.702	3.112	0.0	44.136	3.471	0.0	44.503	2.046	0.0	42.734	2.603	0.0	43.662	2.898	0.0	43.002	3.397	0.0	42.396	2.007	0.0	43.277	2.494
148	4974	4975	NS	1	0.0	50.194	4.807	0.0	46.22	3.868	0.0	49.971	3.348	0.0	47.511	3.209	0.0	50.423	4.2	0.0	47.857	3.492	0.0	50.582	3.085	0.0	49.082	2.974
149	4974	4975	SN	1	0.0	45.471	8.217	0.0	45.763	8.18	0.0	42.259	5.888	0.0	42.832	7.158	0.0	49.019	7.841	0.0	46.723	7.885	0.0	41.953	5.575	0.0	45.128	6.773
150	4974	4975	SN	1	0.0	42.702	3.112	0.0	44.136	3.471	0.0	44.503	2.046	0.0	42.734	2.603	0.0	43.662	2.898	0.0	43.002	3.397	0.0	42.396	2.007	0.0	43.277	2.492
151	4974	4975	SN	1	0.0	45.471	8.217	0.0	45.763	8.18	0.0	42.259	5.888	0.0	42.832	7.158	0.0	49.019	7.841	0.0	46.723	7.885	0.0	41.953	5.575	0.0	45.128	6.773
152	4974	4975	NS	1	0.0	43.842	1.367	0.0	48.191	1.28	0.0	38.97	1.017	0.0	39.725	0.9	0.0	42.241	1.2	0.0	47.716	1.084	0.0	39.638	0.918	0.0	39.159	0.793
153	4974	4975	NS	1	0.0	44.507	1.378	0.0	47.204	1.28	0.0	39.766	1.017	0.0	39.186	0.871	0.0	43.275	1.237	0.0	46.728	1.066	0.0	39.843	0.922	0.0	38.578	0.77
154	4974	4975	NS	1	0.0	56.892	4.847	0.0	46.077	3.868	0.0	46.784	3.39	0.0	48.429	3.216	0.0	55.726	4.189	0.0	47.775	3.513	0.0	48.199	3.064	0.0	49.986	3.038
155	4975	4976	SN	1	0.0	48.593	10.732	0.0	53.458	10.988	0.0	48.941	8.326	0.0	42.242	8.32	0.0	46.327	10.601	0.0	54.082	10.479	0.0	45.142	8.511	0.0	41.419	8.014
156	4975	4976	SN	1	0.0	48.593	10.776	0.0	53.458	10.975	0.0	48.941	8.32	0.0	42.242	8.313	0.0	46.327	10.633	0.0	54.082	10.455	0.0	44.692	8.498	0.0	41.419	7.999
157	4975	4976	NS	1	0.0	54.402	7.87	0.0	52.333	6.598	0.0	39.702	5.069	0.0	49.781	5.314	0.0	54.391	7.576	0.0	52.307	6.263	0.0	40.439	4.729	0.0	49.962	4.752
158	4975	4976	NS	1	0.0	55.55	7.981	0.0	50.352	6.679	0.0	46.105	5.077	0.0	45.796	5.221	0.0	55.539	7.678	0.0	51.1	6.202	0.0	44.531	4.758	0.0	44.113	4.702
159	4975	4976	SN	1	0.0	43.746	4.445	0.0	40.703	3.979	0.0	40.064	3.062	0.0	42.03	2.998	0.0	43.704	4.297	0.0	39.809	4.004	0.0	38.651	3.002	0.0	40.367	2.901
160	4975	4976	SN	1	0.0	43.746	4.422	0.0	40.703	3.975	0.0	40.064	3.057	0.0	42.03	2.995	0.0	43.704	4.275	0.0	39.809	4.007	0.0	38.651	2.997	0.0	40.367	2.899
161	4975	4976	SN	1	0.0	43.746	4.422	0.0	40.703	3.975	0.0	40.064	3.057	0.0	42.03	2.995	0.0	43.704	4.278	0.0	39.809	4.007	0.0	38.651	2.997	0.0	40.367	2.899
162	4975	4976	SN	1	0.0	48.593	10.722	0.0	53.458	10.988	0.0	48.941	8.326	0.0	42.242	8.32	0.0	46.327	10.59	0.0	54.082	10.479	0.0	45.142	8.511	0.0	41.419	8.014
163	4975	4976	NS	1	0.0	44.917	2.49	0.0	45.196	2.097	0.0	38.974	1.548	0.0	49.45	1.469	0.0	47.207	2.198	0.0	44.014	1.885	0.0	37.473	1.461	0.0	47.348	1.313
164	4975	4976	NS	1	0.0	49.38	2.499	0.0	45.349	2.043	0.0	44.724	1.544	0.0	48.198	1.453	0.0	49.2	2.213	0.0	46.225	1.84	0.0	44.663	1.431	0.0	46.097	1.302
165	4976	4977	NS	1	0.0	46.809	1.989	0.0	46.215	1.567	0.0	42.055	1.292	0.0	37.143	1.169	0.0	47.297	1.676	0.0	43.702	1.289	0.0	41.034	1.093	0.0	39.618	1.018
166	4976	4977	NS	1	0.0	41.783	2.006	0.0	48.845	1.596	0.0	39.09	1.404	0.0	38.907	1.13	0.0	40.906	1.689	0.0	51.815	1.395	0.0	40.636	1.192	0.0	36.926	0.958
167	4976	4977	SN	1	0.0	53.243	13.167	0.0	54.382	13.175	0.0	46.158	9.521	0.0	44.732	10.751	0.0	51.899	13.096	0.0	54.295	13.165	0.0	45.357	9.756	0.0	44.11	10.923
168	4976	4977	SN	1	0.0	46.464	4.879	0.0	48.783	5.1	0.0	40.432	3.018	0.0	45.675	3.671	0.0	47.027	4.888	0.0	50.198	5.161	0.0	41.139	3.137	0.0	44.403	3.76
169	4976	4977	SN	1	0.0	46.464	4.908	0.0	48.783	5.19	0.0	40.432	3.059	0.0	45.675	3.736	0.0	47.027	4.928	0.0	50.198	5.267	0.0	41.139	3.18	0.0	44.403	3.839
170	4976	4977	NS	1	0.0	53.798	6.193	0.0	50.735	4.65	0.0	48.963	4.277	0.0	46.359	3.793	0.0	55.488	5.373	0.0	51.524	4.335	0.0	45.613	3.752	0.0	42.062	3.316
171	4976	4977	SN	1	0.0	46.464	4.879	0.0	48.783	5.098	0.0	40.432	3.017	0.0	45.675	3.669	0.0	47.027	4.888	0.0	50.198	5.161	0.0	41.139	3.136	0.0	44.403	3.758
172	4976	4977	SN	1	0.0	53.243	13.167	0.0	54.382	13.185	0.0	46.158	9.521	0.0	44.732	10.751	0.0	51.899	13.096	0.0	54.295	13.175	0.0	45.357	9.756	0.0	44.11	10.923
173	4976	4977	NS	1	0.0	60.383	5.685	0.0	54.57	4.588	0.0	46.766	4.374	0.0	47.321	3.671	0.0	59.479	4.855	0.0	59.19	4.121	0.0	44.785	3.899	0.0	45.178	3.201
174	4976	4977	SN	1	0.0	50.833	12.895	0.0	54.382	13.335	0.0	46.158	9.609	0.0	44.732	10.873	0.0	51.899	12.863	0.0	54.295	13.356	0.0	45.357	9.836	0.0	44.11	11.108
175	4977	4978	NS	1	0.0	45.002	1.857	0.0	40.825	1.614	0.0	48.613	1.179	0.0	38.55	1.224	0.0	43.809	1.535	0.0	42.489	1.33	0.0	44.985	1.025	0.0	39.804	1.015

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

176	4977	4978	SN	1	0.0	52.176	4.338	0.0	56.781	4.855	0.0	42.482	2.494	0.0	49.424	3.133	0.0	48.742	4.153	0.0	56.745	4.606	0.0	43.5	2.444	0.0	47.781	2.998
177	4977	4978	SN	1	0.0	52.176	4.361	0.0	56.781	5.015	0.0	42.482	2.493	0.0	49.424	3.261	0.0	48.742	4.182	0.0	56.745	4.778	0.0	43.5	2.455	0.0	47.781	3.124
178	4977	4978	SN	1	0.0	58.537	11.016	0.0	53.469	12.651	0.0	46.5	8.032	0.0	51.693	9.313	0.0	56.839	10.668	0.0	52.494	12.106	0.0	44.168	7.917	0.0	51.206	9.122
179	4977	4978	SN	1	0.0	58.537	11.126	0.0	53.469	12.476	0.0	46.5	8.182	0.0	51.693	8.998	0.0	56.839	10.781	0.0	52.494	11.845	0.0	44.168	8.033	0.0	51.206	8.827
180	4977	4978	NS	1	0.0	54.476	4.962	0.0	43.167	4.689	0.0	40.513	3.441	0.0	39.849	3.834	0.0	53.436	4.151	0.0	44.893	3.756	0.0	39.311	3.029	0.0	40.842	3.5
181	4977	4978	SN	1	0.0	52.176	4.338	0.0	56.781	4.855	0.0	42.482	2.494	0.0	49.424	3.133	0.0	48.742	4.153	0.0	56.745	4.606	0.0	43.5	2.444	0.0	47.781	2.998
182	4977	4978	SN	1	0.0	58.537	11.126	0.0	53.469	12.476	0.0	46.5	8.182	0.0	51.693	8.998	0.0	56.839	10.781	0.0	52.494	11.845	0.0	44.168	8.033	0.0	51.206	8.827
183	4978	4979	SN	1	0.0	50.912	8.865	0.0	49.755	8.884	0.0	45.593	6.22	0.0	45.49	7.351	0.0	53.434	7.719	0.0	52.033	8.324	0.0	44.796	6.156	0.0	47.145	7.094
184	4978	4979	SN	1	0.0	52.456	4.288	0.0	52.397	4.593	0.0	45.341	2.632	0.0	44.25	3.147	0.0	53.345	3.848	0.0	51.1	4.317	0.0	45.362	2.46	0.0	45.62	2.923
185	4978	4979	NS	1	0.0	48.338	2.442	0.0	49.212	2.2	0.0	44.967	1.731	0.0	45.749	1.613	0.0	48.948	2.352	0.0	48.645	2.116	0.0	40.583	1.672	0.0	43.838	1.464
186	4978	4979	NS	1	0.0	49.897	2.571	0.0	47.216	2.172	0.0	41.716	1.724	0.0	45.394	1.6	0.0	49.954	2.387	0.0	49.914	2.068	0.0	38.79	1.659	0.0	42.733	1.504
187	4978	4979	NS	1	0.0	51.868	7.371	0.0	52.988	6.283	0.0	45.404	5.619	0.0	48.791	5.157	0.0	52.19	7.007	0.0	49.907	5.928	0.0	46.22	5.576	0.0	48.514	5.278
188	4978	4979	NS	1	0.0	54.029	7.35	0.0	54.555	6.599	0.0	46.388	5.398	0.0	48.532	5.328	0.0	54.316	7.118	0.0	55.889	6.051	0.0	44.883	5.327	0.0	48.514	5.101
189	4979	4980	NS	1	0.0	53.969	8.424	0.0	53.59	8.122	0.0	43.067	5.739	0.0	43.124	6.125	0.0	53.766	7.644	0.0	52.967	7.614	0.0	42.738	5.327	0.0	45.94	5.57
190	4979	4980	SN	1	0.0	56.987	4.74	0.0	53.495	4.831	0.0	44.331	2.434	0.0	47.471	3.471	0.0	55.559	4.241	0.0	51.815	4.574	0.0	44.28	2.333	0.0	50.561	3.19
191	4979	4980	NS	1	0.0	53.969	8.424	0.0	53.59	8.122	0.0	43.067	5.739	0.0	43.124	6.125	0.0	53.766	7.644	0.0	52.967	7.614	0.0	42.738	5.327	0.0	45.94	5.57
192	4979	4980	SN	1	0.0	52.084	9.382	0.0	53.354	9.722	0.0	44.481	6.114	0.0	45.282	8.033	0.0	50.726	8.48	0.0	55.242	9.021	0.0	48.907	5.951	0.0	46.406	7.506
193	4979	4980	NS	1	0.0	42.844	2.721	0.0	46.891	2.606	0.0	42.595	1.697	0.0	42.289	1.814	0.0	43.273	2.383	0.0	48.576	2.322	0.0	42.264	1.547	0.0	40.465	1.702
194	4979	4980	NS	1	0.0	42.844	2.721	0.0	46.891	2.606	0.0	42.595	1.697	0.0	42.289	1.814	0.0	43.273	2.383	0.0	48.576	2.322	0.0	42.264	1.547	0.0	40.465	1.702
195	4980	4981	NS	1	0.0	46.719	7.731	0.0	54.035	7.749	0.0	45.199	5.311	0.0	46.834	5.317	0.0	47.828	7.347	0.0	53.781	7.19	0.0	46.736	4.956	0.0	46.742	5.125
196	4980	4981	SN	1	0.0	51.78	3.162	0.0	58.809	3.68	0.0	48.676	1.965	0.0	49.368	2.584	0.0	49.815	2.912	0.0	59.544	3.52	0.0	47.378	1.866	0.0	47.559	2.339
197	4980	4981	NS	1	0.0	44.908	2.387	0.0	51.667	2.223	0.0	41.583	1.497	0.0	45.343	1.605	0.0	43.003	2.11	0.0	47.352	2.086	0.0	42.121	1.452	0.0	45.658	1.449
198	4980	4981	SN	1	0.0	52.937	6.661	0.0	56.083	7.209	0.0	45.152	5.658	0.0	51.138	6.543	0.0	52.596	6.002	0.0	56.321	6.853	0.0	48.131	5.353	0.0	54.734	6.322
199	4981	4982	SN	1	0.0	48.379	3.072	0.0	50.437	3.628	0.0	46.826	2.002	0.0	49.425	2.474	0.0	48.783	2.876	0.0	47.553	3.527	0.0	45.767	1.843	0.0	48.32	2.345
200	4981	4982	NS	1	0.0	46.28	2.335	0.0	44.009	2.183	0.0	41.93	1.541	0.0	49.892	1.53	0.0	49.734	2.232	0.0	41.824	2.034	0.0	40.461	1.424	0.0	50.336	1.41
201	4981	4982	SN	1	0.0	50.757	6.256	0.0	52.866	6.975	0.0	48.048	5.438	0.0	43.624	6.287	0.0	50.988	5.658	0.0	54.085	6.528	0.0	47.637	5.189	0.0	47.93	5.909
202	4981	4982	NS	1	0.0	46.28	2.376	0.0	44.009	2.219	0.0	41.93	1.566	0.0	49.892	1.556	0.0	49.734	2.271	0.0	41.824	2.068	0.0	40.461	1.447	0.0	50.336	1.433
203	4981	4982	NS	1	0.0	46.486	8.007	0.0	52.349	7.27	0.0	46.821	5.319	0.0	49.266	5.321	0.0	47.454	7.626	0.0	51.954	6.817	0.0	46.762	4.915	0.0	47.946	5.025
204	4981	4982	NS	1	0.0	46.486	7.883	0.0	52.349	7.16	0.0	46.821	5.226	0.0	49.266	5.239	0.0	47.454	7.509	0.0	51.954	6.713	0.0	46.762	4.829	0.0	47.946	4.947
205	4982	4983	NS	1	0.0	55.604	8.302	0.0	44.532	6.47	0.0	43.822	6.165	0.0	44.967	6.261	0.0	54.857	7.326	0.0	44.959	5.927	0.0	42.769	5.413	0.0	42.937	5.321
206	4982	4983	NS	1	0.0	55.604	7.934	0.0	44.532	6.174	0.0	43.822	5.886	0.0	44.967	5.972	0.0	54.857	6.982	0.0	44.959	5.657	0.0	42.769	5.162	0.0	42.937	5.075
207	4982	4983	SN	1	0.0	51.466	3.589	0.0	50.16	3.722	0.0	44.67	2.321	0.0	45.271	2.43	0.0	49.017	3.185	0.0	48.983	3.476	0.0	45.221	2.112	0.0	45.713	2.384
208	4982	4983	NS	1	0.0	46.606	2.606	0.0	44.766	2.216	0.0	40.459	1.96	0.0	38.938	1.986	0.0	45.511	2.171	0.0	47.027	1.939	0.0	40.432	1.73	0.0	37.086	1.695
209	4982	4983	SN	1	0.0	48.749	5.874	0.0	49.343	6.786	0.0	46.648	5.91	0.0	48.546	6.046	0.0	50.804	5.326	0.0	48.561	6.42	0.0	46.729	5.469	0.0	50.017	5.967
210	4982	4983	NS	1	0.0	46.606	2.735	0.0	44.766	2.325	0.0	40.459	2.058	0.0	38.938	2.085	0.0	45.511	2.278	0.0	47.027	2.034	0.0	40.432	1.819	0.0	37.086	1.779
211	4983	4984	NS	1	0.538	45.698	10.21	0.0	49.708	10.165	0.0	46.738	7.676	0.0	44.074	7.898	0.495	48.121	9.62	0.0	47.415	9.607	0.0	44.345	7.715	0.0	44.548	7.938

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

212	4983	4984	NS	1	0.0	42.646	3.533	0.0	45.041	3.142	0.0	42.31	2.472	0.0	40.306	2.494	0.0	41.079	3.258	0.0	46.312	2.988	0.0	43.87	2.503	0.0	40.439	2.407
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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	4956	4957	SN	1	0.0	27.084	9.139	0.0	27.239	9.17	0.0	147.019	2.821	0.0	62.678	2.658	0.0	1.9	0.0	1.906	0.0	0.0	2.044	0.0	0.0	2.061	0.0	
2	4956	4957	SN	1	0.0	27.084	9.139	0.0	27.239	9.17	0.0	147.019	2.821	0.0	62.678	2.658	0.0	1.9	0.0	1.906	0.0	0.0	2.044	0.0	0.0	2.061	0.0	
3	4956	4957	SN	1	0.0	33.983	15.56	0.0	24.9	15.16	0.0	138.956	11.811	0.0	33.198	12.509	0.0	1.915	0.0	1.911	0.0	0.0	2.047	0.0	0.0	2.061	0.0	
4	4956	4957	SN	1	0.0	27.084	9.221	0.0	27.239	9.178	0.0	147.019	2.889	0.0	11.901	2.565	0.0	1.9	0.0	1.906	0.0	0.0	2.044	0.0	0.0	2.061	0.0	
5	4956	4957	NS	1	0.0	26.141	9.723	0.0	27.851	9.713	0.0	354.65	3.846	0.0	65.11	4.111	0.0	1.898	0.0	1.906	0.0	0.0	2.045	0.0	0.0	2.059	0.0	
6	4956	4957	NS	1	0.0	25.292	14.195	0.0	37.949	15.593	0.0	354.65	13.528	0.0	80.547	14.136	0.0	1.905	0.0	1.92	0.0	0.0	2.049	0.0	0.0	2.062	0.0	
7	4956	4957	NS	1	0.0	25.292	14.195	0.0	37.949	15.593	0.0	354.65	13.528	0.0	80.547	14.136	0.0	1.905	0.0	1.92	0.0	0.0	2.049	0.0	0.0	2.062	0.0	
8	4956	4957	SN	1	0.0	33.983	15.553	0.0	24.9	14.956	0.0	138.956	12.027	0.0	17.427	12.131	0.0	1.915	0.0	1.911	0.0	0.0	2.047	0.0	0.0	2.061	0.0	
9	4956	4957	SN	1	0.0	33.983	15.56	0.0	24.9	15.16	0.0	138.956	11.811	0.0	33.198	12.509	0.0	1.915	0.0	1.911	0.0	0.0	2.047	0.0	0.0	2.061	0.0	
10	4956	4957	NS	1	0.0	26.141	9.723	0.0	27.851	9.713	0.0	354.65	3.846	0.0	65.11	4.111	0.0	1.898	0.0	1.906	0.0	0.0	2.045	0.0	0.0	2.059	0.0	
11	4957	4958	SN	1	0.0	27.134	9.175	0.0	27.25	9.166	0.0	144.686	2.858	0.0	91.276	2.612	0.0	1.899	0.0	1.902	0.0	0.0	2.043	0.0	0.0	2.067	0.0	
12	4957	4958	SN	1	0.0	34.039	15.596	0.0	24.906	15.049	0.0	147.438	11.928	0.0	21.117	12.287	0.0	1.916	0.0	1.911	0.0	0.0	2.048	0.0	0.0	2.052	0.0	
13	4957	4958	NS	1	0.0	26.114	9.714	0.0	27.288	9.718	0.0	354.832	3.797	0.0	66.086	4.104	0.0	1.896	0.0	1.91	0.0	0.0	2.047	0.0	0.0	2.058	0.0	
14	4957	4958	SN	1	0.0	34.039	15.596	0.0	24.906	15.049	0.0	147.438	11.928	0.0	21.117	12.287	0.0	1.916	0.0	1.911	0.0	0.0	2.048	0.0	0.0	2.052	0.0	
15	4957	4958	NS	1	0.0	25.248	14.184	0.0	37.932	15.584	0.0	354.832	13.499	0.0	82.036	14.057	0.0	1.9	0.0	1.925	0.0	0.0	2.046	0.0	0.0	2.063	0.0	
16	4957	4958	SN	1	0.0	34.039	15.608	0.0	24.906	15.14	0.0	147.438	11.827	0.0	33.479	12.46	0.0	1.916	0.0	1.911	0.0	0.0	2.048	0.0	0.0	2.052	0.0	
17	4957	4958	SN	1	0.0	27.134	9.13	0.0	27.25	9.161	0.0	144.686	2.826	0.0	91.276	2.68	0.0	1.899	0.0	1.902	0.0	0.0	2.043	0.0	0.0	2.067	0.0	
18	4957	4958	SN	1	0.0	27.134	9.175	0.0	27.25	9.166	0.0	144.686	2.858	0.0	91.276	2.612	0.0	1.899	0.0	1.902	0.0	0.0	2.043	0.0	0.0	2.067	0.0	
19	4957	4958	NS	1	0.0	25.248	14.13	0.0	34.121	15.619	0.0	353.459	13.575	0.0	76.024	13.995	0.0	1.904	0.0	1.919	0.0	0.0	2.046	0.0	0.0	2.063	0.0	
20	4957	4958	NS	1	0.0	26.119	9.716	0.0	27.09	9.696	0.0	354.832	3.802	0.0	65.507	4.106	0.0	1.9	0.0	1.912	0.0	0.0	2.047	0.0	0.0	2.058	0.0	
21	4958	4959	SN	1	0.0	26.996	9.149	0.0	27.25	9.175	0.0	136.215	2.817	0.0	66.853	2.672	0.0	1.901	0.0	1.91	0.0	0.0	2.043	0.0	0.0	2.067	0.0	
22	4958	4959	SN	1	0.0	38.241	15.632	0.0	24.922	15.088	0.0	150.267	11.845	0.0	35.42	12.42	0.0	1.915	0.0	1.924	0.0	0.0	2.049	0.0	0.0	2.051	0.0	
23	4958	4959	NS	1	0.0	26.108	9.749	0.0	26.329	9.727	0.0	138.644	3.735	0.0	62.16	4.085	0.0	1.901	0.0	1.907	0.0	0.0	2.048	0.0	0.0	2.058	0.0	
24	4958	4959	SN	1	0.0	38.241	15.632	0.0	24.922	15.088	0.0	150.267	11.845	0.0	35.42	12.42	0.0	1.915	0.0	1.924	0.0	0.0	2.049	0.0	0.0	2.051	0.0	
25	4958	4959	SN	1	0.0	38.241	15.636	0.0	24.922	14.963	0.0	150.267	11.975	0.0	19.683	12.198	0.0	1.915	0.0	1.924	0.0	0.0	2.049	0.0	0.0	2.051	0.0	
26	4958	4959	NS	1	0.0	25.281	14.101	0.0	34.949	15.584	0.0	143.034	13.512	0.0	81.479	14.034	0.0	1.903	0.0	1.926	0.0	0.0	2.049	0.0	0.0	2.062	0.0	
27	4958	4959	SN	1	0.0	26.996	9.149	0.0	27.25	9.175	0.0	136.215	2.817	0.0	66.853	2.672	0.0	1.901	0.0	1.91	0.0	0.0	2.043	0.0	0.0	2.067	0.0	
28	4958	4959	SN	1	0.0	26.996	9.206	0.0	27.25	9.183	0.0	136.215	2.858	0.0	12.773	2.596	0.0	1.901	0.0	1.91	0.0	0.0	2.043	0.0	0.0	2.067	0.0	
29	4959	4960	SN	1	0.0	38.23	15.621	0.0	24.922	14.882	0.0	137.34	12.031	0.0	17.819	11.93	0.0	1.915	0.0	1.921	0.0	0.0	2.048	0.0	0.0	2.086	0.0	
30	4959	4960	NS	1	0.0	25.27	14.121	0.0	33.774	15.574	0.0	166.832	13.512	0.0	78.407	14.048	0.0	1.901	0.0	1.927	0.0	0.0	2.046	0.0	0.0	2.062	0.0	
31	4959	4960	SN	1	0.0	38.23	15.612	0.0	24.922	15.088	0.0	137.34	11.823	0.0	35.591	12.299	0.0	1.915	0.0	1.921	0.0	0.0	2.048	0.0	0.0	2.086	0.0	

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

32	4959	4960	SN	1	0.0	38.23	15.612	0.0	24.922	15.088	0.0	137.34	11.823	0.0	35.591	12.299	0.0	1.915	0.0	0.0	1.921	0.0	0.0	2.048	0.0	0.0	2.086	0.0
33	4959	4960	NS	1	0.0	26.119	9.762	0.0	27.9	9.724	0.0	352.351	3.727	0.0	64.84	4.097	0.0	1.901	0.0	0.0	1.916	0.0	0.0	2.046	0.0	0.0	2.058	0.0
34	4959	4960	NS	1	0.0	25.27	14.133	0.0	34.805	15.613	0.0	160.495	13.464	0.0	73.647	14.05	0.0	1.901	0.0	0.0	1.924	0.0	0.0	2.046	0.0	0.0	2.061	0.0
35	4959	4960	NS	1	0.0	26.119	9.742	0.0	27.917	9.728	0.0	159.772	3.732	0.0	70.636	4.099	0.0	1.899	0.0	0.0	1.912	0.0	0.0	2.047	0.0	0.0	2.058	0.0
36	4959	4960	SN	1	0.0	27.012	9.217	0.0	27.25	9.194	0.0	123.663	2.86	0.0	12.205	2.606	0.0	1.898	0.0	0.0	1.923	0.0	0.0	2.049	0.0	0.0	2.079	0.0
37	4959	4960	SN	1	0.0	27.012	9.145	0.0	27.25	9.188	0.0	123.663	2.796	0.0	68.932	2.697	0.0	1.898	0.0	0.0	1.923	0.0	0.0	2.049	0.0	0.0	2.079	0.0
38	4959	4960	SN	1	0.0	27.012	9.145	0.0	27.25	9.188	0.0	123.663	2.796	0.0	68.932	2.697	0.0	1.898	0.0	0.0	1.923	0.0	0.0	2.049	0.0	0.0	2.079	0.0
39	4960	4961	SN	1	0.0	38.164	15.567	0.0	24.922	14.794	0.0	163.454	12.16	0.0	13.854	11.757	0.0	1.932	0.0	0.0	1.944	0.0	0.0	2.104	0.0	0.0	2.152	0.0
40	4960	4961	SN	1	0.0	26.952	9.115	0.0	27.244	9.166	0.0	163.454	2.846	0.0	76.146	2.723	0.0	1.926	0.0	0.0	1.998	0.0	0.0	2.107	0.0	0.0	2.148	0.0
41	4960	4961	NS	1	0.0	26.119	9.715	0.0	27.928	9.734	0.0	357.072	3.764	0.0	135.553	4.11	0.0	1.901	0.0	0.0	1.902	0.0	0.0	2.046	0.0	0.0	2.058	0.0
42	4960	4961	NS	1	0.0	25.275	14.141	0.0	34.226	15.614	0.0	170.565	13.519	0.0	69.5	14.069	0.0	1.9	0.0	0.0	1.92	0.0	0.0	2.048	0.0	0.0	2.062	0.0
43	4960	4961	NS	1	0.0	26.119	9.707	0.0	27.763	9.715	0.0	352.527	3.775	0.0	73.305	4.096	0.0	1.901	0.0	0.0	1.908	0.0	0.0	2.045	0.0	0.0	2.058	0.0
44	4960	4961	NS	1	0.0	25.275	14.143	0.0	34.849	15.602	0.0	171.266	13.471	0.0	64.735	14.035	0.0	1.904	0.0	0.0	1.914	0.0	0.0	2.048	0.0	0.0	2.062	0.0
45	4960	4961	SN	1	0.0	26.952	9.131	0.0	27.244	9.175	0.0	163.564	2.846	0.0	76.146	2.716	0.0	1.926	0.0	0.0	1.992	0.0	0.0	2.107	0.0	0.0	2.148	0.0
46	4960	4961	SN	1	0.0	26.952	9.217	0.0	27.244	9.179	0.0	163.454	2.948	0.0	11.648	2.626	0.0	1.926	0.0	0.0	1.998	0.0	0.0	2.107	0.0	0.0	2.148	0.0
47	4960	4961	SN	1	0.0	38.164	15.551	0.0	24.922	15.068	0.0	163.454	11.825	0.0	34.951	12.299	0.0	1.932	0.0	0.0	1.944	0.0	0.0	2.104	0.0	0.0	2.152	0.0
48	4960	4961	SN	1	0.0	38.164	15.551	0.0	24.878	15.108	0.0	163.564	11.838	0.0	34.951	12.242	0.0	1.932	0.0	0.0	1.944	0.0	0.0	2.104	0.0	0.0	2.152	0.0
49	4961	4962	SN	1	0.0	37.601	15.553	0.0	24.911	15.079	0.0	162.207	11.998	0.0	63.982	12.134	0.0	1.963	0.0	0.0	1.943	0.0	0.0	2.129	0.0	0.0	2.198	0.0
50	4961	4962	NS	1	0.0	25.275	14.147	0.0	34.904	15.592	0.0	140.746	13.502	0.0	71.882	14.021	0.0	1.905	0.0	0.0	1.914	0.0	0.0	2.047	0.0	0.0	2.062	0.0
51	4961	4962	NS	1	0.0	25.281	14.116	0.0	34.899	15.592	0.0	140.839	13.523	0.0	71.772	14.007	0.0	1.905	0.0	0.0	1.927	0.0	0.0	2.047	0.0	0.0	2.061	0.0
52	4961	4962	NS	1	0.0	26.114	9.748	0.0	27.862	9.722	0.0	129.137	3.791	0.0	79.995	4.094	0.0	1.899	0.0	0.0	1.911	0.0	0.0	2.044	0.0	0.0	2.059	0.0
53	4961	4962	SN	1	0.0	37.601	15.541	0.0	24.911	15.172	0.0	162.207	11.857	0.0	63.982	12.349	0.0	1.963	0.0	0.0	1.943	0.0	0.0	2.129	0.0	0.0	2.198	0.0
54	4961	4962	SN	1	0.0	25.523	9.131	0.0	27.239	9.147	0.0	154.558	2.831	0.0	250.301	2.642	0.0	1.959	0.0	0.0	2.036	0.0	0.0	2.138	0.0	0.0	2.19	0.0
55	4961	4962	SN	1	0.0	25.523	9.186	0.0	27.239	9.146	0.0	154.558	2.875	0.0	250.301	2.566	0.0	1.959	0.0	0.0	2.036	0.0	0.0	2.138	0.0	0.0	2.19	0.0
56	4961	4962	SN	1	0.0	37.601	15.541	0.0	24.911	15.172	0.0	162.207	11.857	0.0	63.982	12.349	0.0	1.963	0.0	0.0	1.943	0.0	0.0	2.129	0.0	0.0	2.198	0.0
57	4961	4962	SN	1	0.0	25.523	9.131	0.0	27.239	9.147	0.0	154.558	2.831	0.0	250.301	2.642	0.0	1.959	0.0	0.0	2.036	0.0	0.0	2.138	0.0	0.0	2.19	0.0
58	4961	4962	NS	1	0.0	26.125	9.734	0.0	27.724	9.715	0.0	129.274	3.791	0.0	79.868	4.078	0.0	1.891	0.0	0.0	1.904	0.0	0.0	2.045	0.0	0.0	2.058	0.0
59	4962	4963	NS	1	0.0	26.119	9.723	0.0	26.803	9.717	0.0	133.802	3.877	0.0	74.232	4.101	0.0	1.9	0.0	0.0	1.912	0.0	0.0	2.044	0.0	0.0	2.06	0.0
60	4962	4963	NS	1	0.0	25.281	14.086	0.0	34.949	15.582	0.0	139.185	13.531	0.0	79.383	14.064	0.0	1.904	0.0	0.0	1.923	0.0	0.0	2.047	0.0	0.0	2.064	0.0
61	4962	4963	NS	1	0.0	26.13	9.734	0.0	27.823	9.725	0.0	133.802	3.87	0.0	66.423	4.106	0.0	1.899	0.0	0.0	1.911	0.0	0.0	2.046	0.0	0.0	2.06	0.0
62	4962	4963	SN	1	0.0	37.667	15.598	0.0	24.939	15.142	0.0	134.185	11.815	0.0	54.367	12.214	0.0	1.99	0.0	0.0	1.992	0.0	0.0	2.16	0.0	0.0	2.197	0.0
63	4962	4963	SN	1	0.0	37.667	15.598	0.0	24.939	15.142	0.0	134.185	11.815	0.0	54.461	12.214	0.0	1.99	0.0	0.0	1.992	0.0	0.0	2.16	0.0	0.0	2.197	0.0
64	4962	4963	SN	1	0.0	25.512	9.113	0.0	27.233	9.12	0.0	137.621	2.796	0.0	63.891	2.648	0.0	1.986	0.0	0.0	2.061	0.0	0.0	2.161	0.0	0.0	2.235	0.0
65	4962	4963	SN	1	0.0	25.512	9.115	0.0	27.233	9.12	0.0	137.621	2.796	0.0	64.101	2.639	0.0	1.986	0.0	0.0	2.061	0.0	0.0	2.161	0.0	0.0	2.235	0.0
66	4962	4963	SN	1	0.0	37.667	15.653	0.0	24.939	14.795	0.0	134.185	12.249	0.0	13.192	11.608	0.0	1.99	0.0	0.0	1.992	0.0	0.0	2.16	0.0	0.0	2.197	0.0
67	4962	4963	NS	1	0.0	25.281	14.134	0.0	37.513	15.563	0.0	141.523	13.62	0.0	75.567	14.078	0.0	1.902	0.0	0.0	1.922	0.0	0.0	2.047	0.0	0.0	2.063	0.0
68	4962	4963	SN	1	0.0	25.512	9.243	0.0	27.233	9.129	0.0	137.621	2.93	0.0	13.037	2.543	0.0	1.986	0.0	0.0	2.061	0.0	0.0	2.161	0.0	0.0	2.235	0.0

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

69	4963	4964	SN	1	0.0	34.044	15.835	0.0	24.911	14.558	0.0	136.061	12.593	0.0	13.203	11.402	0.0	2.014	0.0	0.0	2.009	0.0	0.0	2.186	0.0	0.0	2.254	0.0
70	4963	4964	NS	1	0.0	24.784	9.742	0.0	27.161	9.746	0.0	354.485	3.892	0.0	64.399	4.106	0.0	1.9	0.0	0.0	1.914	0.0	0.0	2.046	0.0	0.0	2.065	0.0
71	4963	4964	NS	1	0.0	25.292	14.164	0.0	35.781	15.574	0.0	354.468	13.599	0.0	72.031	14.078	0.0	1.912	0.0	0.0	1.925	0.0	0.0	2.049	0.0	0.0	2.068	0.0
72	4963	4964	NS	1	0.0	25.297	14.184	0.0	35.787	15.594	0.0	354.485	13.563	0.0	72.191	14.086	0.0	1.911	0.0	0.0	1.917	0.0	0.0	2.048	0.0	0.0	2.069	0.0
73	4963	4964	SN	1	0.0	27.128	9.117	0.0	27.25	9.118	0.0	149.225	2.775	0.0	68.982	2.651	0.0	1.999	0.0	0.0	2.104	0.0	0.0	2.176	0.0	0.0	2.271	0.0
74	4963	4964	SN	1	0.0	27.128	9.117	0.0	27.25	9.118	0.0	149.225	2.775	0.0	68.982	2.651	0.0	1.999	0.0	0.0	2.104	0.0	0.0	2.176	0.0	0.0	2.271	0.0
75	4963	4964	SN	1	0.0	34.044	15.583	0.0	24.911	15.099	0.0	136.061	11.792	0.0	47.076	12.289	0.0	2.014	0.0	0.0	2.009	0.0	0.0	2.186	0.0	0.0	2.254	0.0
76	4963	4964	SN	1	0.0	34.044	15.583	0.0	24.911	15.099	0.0	136.061	11.792	0.0	47.076	12.289	0.0	2.014	0.0	0.0	2.009	0.0	0.0	2.186	0.0	0.0	2.254	0.0
77	4963	4964	NS	1	0.0	24.784	9.745	0.0	27.161	9.734	0.0	354.468	3.881	0.0	64.222	4.098	0.0	1.899	0.0	0.0	1.912	0.0	0.0	2.047	0.0	0.0	2.064	0.0
78	4963	4964	SN	1	0.0	27.128	9.425	0.0	27.25	9.191	0.0	149.225	3.041	0.0	13.026	2.639	0.0	1.999	0.0	0.0	2.104	0.0	0.0	2.176	0.0	0.0	2.271	0.0
79	4964	4965	SN	1	0.0	34.154	15.563	0.0	24.911	15.048	0.0	139.072	11.771	0.0	47.666	12.374	0.0	2.069	0.0	0.0	2.065	0.0	0.0	2.24	0.0	0.0	2.317	0.0
80	4964	4965	SN	1	0.0	34.154	15.563	0.0	24.911	15.048	0.0	139.072	11.771	0.0	47.666	12.374	0.0	2.069	0.0	0.0	2.065	0.0	0.0	2.24	0.0	0.0	2.317	0.0
81	4964	4965	NS	1	0.0	25.253	14.134	0.0	37.618	15.553	0.0	354.678	13.606	0.0	77.133	14.122	0.0	1.902	0.0	0.0	1.928	0.0	0.0	2.048	0.0	0.0	2.064	0.0
82	4964	4965	NS	1	0.0	25.253	14.134	0.0	37.618	15.553	0.0	354.678	13.606	0.0	77.133	14.122	0.0	1.902	0.0	0.0	1.928	0.0	0.0	2.048	0.0	0.0	2.064	0.0
83	4964	4965	SN	1	0.0	27.189	9.085	0.0	27.25	9.149	0.0	141.112	2.77	0.0	53.402	2.667	0.0	2.055	0.0	0.0	2.212	0.0	0.0	2.236	0.0	0.0	2.304	0.0
84	4964	4965	SN	1	0.0	27.189	9.085	0.0	27.25	9.149	0.0	141.112	2.77	0.0	53.402	2.667	0.0	2.055	0.0	0.0	2.212	0.0	0.0	2.236	0.0	0.0	2.304	0.0
85	4964	4965	NS	1	0.0	26.058	9.729	0.0	27.178	9.739	0.0	354.678	3.867	0.0	74.601	4.11	0.0	1.894	0.0	0.0	1.91	0.0	0.0	2.048	0.0	0.0	2.06	0.0
86	4964	4965	NS	1	0.0	26.058	9.729	0.0	27.178	9.739	0.0	354.678	3.867	0.0	74.601	4.11	0.0	1.894	0.0	0.0	1.91	0.0	0.0	2.048	0.0	0.0	2.06	0.0
87	4965	4966	NS	1	0.0	25.292	14.108	0.0	34.116	15.578	0.0	353.426	13.639	0.0	76.283	14.052	0.0	1.902	0.0	0.0	1.916	0.0	0.0	2.048	0.0	0.0	2.065	0.0
88	4965	4966	NS	1	0.0	26.136	9.726	0.0	27.911	9.734	0.0	354.821	3.885	0.0	61.349	4.11	0.0	1.898	0.0	0.0	1.91	0.0	0.0	2.048	0.0	0.0	2.059	0.0
89	4965	4966	SN	1	0.0	27.079	9.103	0.0	27.244	9.17	0.0	138.995	2.775	0.0	69.357	2.699	0.0	2.076	0.0	0.0	2.179	0.0	0.0	2.225	0.0	0.0	2.307	0.0
90	4965	4966	SN	1	0.0	34.066	15.624	0.0	24.917	15.079	0.0	141.708	11.778	0.0	48.036	12.359	0.0	2.041	0.0	0.0	2.11	0.0	0.0	2.25	0.0	0.0	2.305	0.0
91	4965	4966	NS	1	0.0	25.292	14.108	0.0	34.116	15.578	0.0	353.426	13.639	0.0	76.283	14.052	0.0	1.902	0.0	0.0	1.916	0.0	0.0	2.048	0.0	0.0	2.065	0.0
92	4965	4966	NS	1	0.0	26.136	9.726	0.0	27.911	9.734	0.0	354.821	3.885	0.0	61.349	4.11	0.0	1.898	0.0	0.0	1.91	0.0	0.0	2.048	0.0	0.0	2.059	0.0
93	4966	4967	NS	1	0.0	25.297	14.148	0.0	33.757	15.589	0.0	353.547	13.597	0.0	81.903	14.087	0.0	1.902	0.0	0.0	1.933	0.0	0.0	2.049	0.0	0.0	2.064	0.0
94	4966	4967	NS	1	0.0	24.795	9.758	0.0	27.911	9.745	0.0	354.888	3.889	0.0	68.772	4.104	0.0	1.9	0.0	0.0	1.914	0.0	0.0	2.049	0.0	0.0	2.059	0.0
95	4966	4967	SN	1	0.0	25.557	9.129	0.0	27.244	9.184	0.0	146.445	2.781	0.0	71.083	2.706	0.0	2.063	0.0	0.0	2.189	0.0	0.0	2.235	0.0	0.0	2.334	0.0
96	4966	4967	SN	1	0.0	34.061	15.601	0.0	24.933	15.018	0.0	113.041	11.793	0.0	48.593	12.431	0.0	2.054	0.0	0.0	2.134	0.0	0.0	2.238	0.0	0.0	2.264	0.0
97	4967	4968	NS	1	0.0	24.818	9.846	0.0	25.099	9.742	0.0	308.352	3.998	0.0	12.971	3.986	0.0	1.89	0.0	0.0	1.915	0.0	0.0	2.049	0.0	0.0	2.06	0.0
98	4967	4968	NS	1	0.0	25.303	14.111	0.0	33.818	15.552	0.0	142.389	13.662	0.0	69.787	14.1	0.0	1.906	0.0	0.0	1.924	0.0	0.0	2.051	0.0	0.0	2.063	0.0
99	4967	4968	SN	1	0.0	38.164	15.57	0.0	24.933	14.966	0.0	170.463	11.704	0.0	35.514	12.505	0.0	2.063	0.0	0.0	2.146	0.0	0.0	2.24	0.0	0.0	2.351	0.0
100	4967	4968	NS	1	0.0	24.818	9.757	0.0	26.759	9.735	0.0	308.352	3.921	0.0	60.494	4.106	0.0	1.89	0.0	0.0	1.915	0.0	0.0	2.049	0.0	0.0	2.06	0.0
101	4967	4968	NS	1	0.0	25.303	14.171	0.0	30.934	15.236	0.0	142.389	13.895	0.0	16.385	13.645	0.0	1.906	0.0	0.0	1.924	0.0	0.0	2.051	0.0	0.0	2.063	0.0
102	4967	4968	SN	1	0.0	26.963	9.149	0.0	27.255	9.188	0.0	172.255	2.778	0.0	73.134	2.729	0.0	2.074	0.0	0.0	2.19	0.0	0.0	2.242	0.0	0.0	2.351	0.0
103	4968	4969	NS	1	0.0	24.806	9.799	0.0	27.707	9.771	0.0	322.145	3.909	0.0	85.074	4.117	0.0	1.902	0.0	0.0	1.911	0.0	0.0	2.046	0.0	0.0	2.06	0.0
104	4968	4969	NS	1	0.0	24.806	9.993	0.0	24.244	9.817	0.0	322.145	4.123	0.0	12.971	4.007	0.0	1.902	0.0	0.0	1.911	0.0	0.0	2.046	0.0	0.0	2.06	0.0
105	4968	4969	NS	1	0.0	25.297	14.229	0.0	30.112	15.021	0.0	330.506	14.259	0.0	14.411	13.383	0.0	1.908	0.0	0.0	1.914	0.0	0.0	2.049	0.0	0.0	2.064	0.0

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

106	4968	4969	SN	1	0.0	26.946	9.167	0.0	27.25	9.2	0.0	128.61	2.768	0.0	64.619	2.757	0.0	2.068	0.0	0.0	2.184	0.0	0.0	2.251	0.0	0.0	2.307	0.0
107	4968	4969	SN	1	0.0	38.164	15.559	0.0	24.922	14.966	0.0	130.435	11.69	0.0	35.712	12.555	0.0	2.059	0.0	0.0	2.124	0.0	0.0	2.244	0.0	0.0	2.351	0.0
108	4968	4969	NS	1	0.0	25.297	14.101	0.0	34.938	15.56	0.0	330.506	13.726	0.0	53.076	14.085	0.0	1.908	0.0	0.0	1.914	0.0	0.0	2.049	0.0	0.0	2.064	0.0
109	4969	4970	NS	1	0.0	24.818	10.171	0.0	24.178	9.859	0.0	351.568	4.295	0.0	12.977	4.076	0.0	1.905	0.0	0.0	1.907	0.0	0.0	2.048	0.0	0.0	2.061	0.0
110	4969	4970	NS	1	0.0	25.33	14.456	0.0	29.533	14.87	0.0	351.568	14.623	0.0	14.416	13.216	0.0	1.908	0.0	0.0	1.921	0.0	0.0	2.05	0.0	0.0	2.064	0.0
111	4970	4971	SN	1	0.0	37.745	15.619	0.0	24.933	15.04	0.0	133.231	11.729	0.0	54.268	12.613	0.0	2.021	0.0	0.0	2.107	0.0	0.0	2.231	0.0	0.0	2.251	0.0
112	4970	4971	SN	1	0.0	37.745	15.704	0.0	24.933	14.66	0.0	133.231	12.21	0.0	13.236	11.963	0.0	2.021	0.0	0.0	2.107	0.0	0.0	2.231	0.0	0.0	2.251	0.0
113	4970	4971	SN	1	0.0	25.545	9.157	0.0	27.25	9.114	0.0	144.465	2.769	0.0	53.098	2.779	0.0	2.04	0.0	0.0	2.146	0.0	0.0	2.209	0.0	0.0	2.324	0.0
114	4970	4971	SN	1	0.0	25.545	9.302	0.0	27.25	9.123	0.0	144.465	2.918	0.0	13.032	2.689	0.0	2.04	0.0	0.0	2.146	0.0	0.0	2.209	0.0	0.0	2.324	0.0
115	4970	4971	SN	1	0.0	37.745	15.619	0.0	24.933	15.04	0.0	133.231	11.729	0.0	54.268	12.613	0.0	2.021	0.0	0.0	2.107	0.0	0.0	2.231	0.0	0.0	2.251	0.0
116	4970	4971	SN	1	0.0	25.545	9.157	0.0	27.25	9.114	0.0	144.465	2.769	0.0	53.098	2.779	0.0	2.04	0.0	0.0	2.146	0.0	0.0	2.209	0.0	0.0	2.324	0.0
117	4971	4972	SN	1	0.0	34.16	15.624	0.0	24.928	14.798	0.0	136.662	11.862	0.0	18.768	12.387	0.0	2.063	0.0	0.0	2.119	0.0	0.0	2.217	0.0	0.0	2.272	0.0
118	4971	4972	SN	1	0.0	34.16	15.614	0.0	24.928	14.968	0.0	136.662	11.713	0.0	52.63	12.645	0.0	2.063	0.0	0.0	2.119	0.0	0.0	2.217	0.0	0.0	2.272	0.0
119	4971	4972	NS	1	0.0	24.795	9.789	0.0	27.183	9.782	0.0	354.479	3.897	0.0	65.336	4.117	0.0	1.894	0.0	0.0	1.914	0.0	0.0	2.047	0.0	0.0	2.06	0.0
120	4971	4972	NS	1	0.0	24.795	9.789	0.0	27.183	9.782	0.0	354.479	3.897	0.0	65.336	4.117	0.0	1.894	0.0	0.0	1.914	0.0	0.0	2.047	0.0	0.0	2.06	0.0
121	4971	4972	SN	1	0.0	34.16	15.614	0.0	24.928	14.968	0.0	136.662	11.713	0.0	52.63	12.645	0.0	2.063	0.0	0.0	2.119	0.0	0.0	2.217	0.0	0.0	2.272	0.0
122	4971	4972	SN	1	0.0	27.183	9.172	0.0	27.261	9.107	0.0	148.508	2.765	0.0	68.744	2.77	0.0	2.065	0.0	0.0	2.16	0.0	0.0	2.244	0.0	0.0	2.334	0.0
123	4971	4972	NS	1	0.0	25.292	14.154	0.0	35.836	15.604	0.0	354.479	13.677	0.0	73.002	14.043	0.0	1.906	0.0	0.0	1.926	0.0	0.0	2.05	0.0	0.0	2.064	0.0
124	4971	4972	SN	1	0.0	27.183	9.172	0.0	27.261	9.107	0.0	148.508	2.765	0.0	68.744	2.77	0.0	2.065	0.0	0.0	2.16	0.0	0.0	2.244	0.0	0.0	2.334	0.0
125	4971	4972	SN	1	0.0	27.183	9.235	0.0	27.261	9.105	0.0	148.508	2.811	0.0	13.032	2.689	0.0	2.065	0.0	0.0	2.16	0.0	0.0	2.244	0.0	0.0	2.334	0.0
126	4971	4972	NS	1	0.0	25.292	14.154	0.0	35.836	15.604	0.0	354.479	13.677	0.0	73.002	14.043	0.0	1.906	0.0	0.0	1.926	0.0	0.0	2.05	0.0	0.0	2.064	0.0
127	4972	4973	NS	1	0.0	24.812	9.783	0.0	26.511	9.775	0.0	354.606	3.954	0.0	61.216	4.119	0.0	1.897	0.0	0.0	1.917	0.0	0.0	2.05	0.0	0.0	2.059	0.0
128	4972	4973	NS	1	0.0	25.314	14.184	0.0	33.388	15.614	0.0	354.606	13.719	0.0	77.966	14.114	0.0	1.902	0.0	0.0	1.926	0.0	0.0	2.05	0.0	0.0	2.064	0.0
129	4972	4973	SN	1	0.0	25.545	9.158	0.0	27.283	9.12	0.0	146.197	2.77	0.0	73.294	2.77	0.0	2.079	0.0	0.0	2.206	0.0	0.0	2.223	0.0	0.0	2.348	0.0
130	4972	4973	NS	1	0.0	24.801	9.779	0.0	27.211	9.777	0.0	354.606	3.929	0.0	75.732	4.114	0.0	1.898	0.0	0.0	1.916	0.0	0.0	2.05	0.0	0.0	2.06	0.0
131	4972	4973	SN	1	0.0	34.088	15.578	0.0	24.939	14.882	0.0	144.09	11.878	0.0	20.643	12.383	0.0	2.064	0.0	0.0	2.128	0.0	0.0	2.213	0.0	0.0	2.265	0.0
132	4972	4973	SN	1	0.0	34.083	15.577	0.0	24.939	14.905	0.0	144.068	11.886	0.0	21.067	12.423	0.0	2.064	0.0	0.0	2.127	0.0	0.0	2.213	0.0	0.0	2.265	0.0
133	4972	4973	SN	1	0.0	34.083	15.573	0.0	24.939	15.008	0.0	144.068	11.756	0.0	47.225	12.587	0.0	2.064	0.0	0.0	2.127	0.0	0.0	2.213	0.0	0.0	2.265	0.0
134	4972	4973	NS	1	0.0	25.314	14.147	0.0	33.752	15.589	0.0	353.183	13.667	0.0	76.085	14.144	0.0	1.902	0.0	0.0	1.933	0.0	0.0	2.051	0.0	0.0	2.064	0.0
135	4972	4973	SN	1	0.0	25.545	9.211	0.0	27.283	9.123	0.0	146.219	2.81	0.0	13.936	2.691	0.0	2.078	0.0	0.0	2.206	0.0	0.0	2.223	0.0	0.0	2.348	0.0
136	4972	4973	SN	1	0.0	25.545	9.211	0.0	27.283	9.12	0.0	146.197	2.81	0.0	13.931	2.689	0.0	2.079	0.0	0.0	2.206	0.0	0.0	2.223	0.0	0.0	2.348	0.0
137	4973	4974	SN	1	0.0	34.099	15.611	0.0	24.933	15.048	0.0	151.133	11.765	0.0	47.887	12.637	0.0	2.06	0.0	0.0	2.114	0.0	0.0	2.234	0.0	0.0	2.28	0.0
138	4973	4974	NS	1	0.0	25.319	14.134	0.0	33.437	15.675	0.0	354.821	13.67	0.0	83.541	14.107	0.0	1.906	0.0	0.0	1.926	0.0	0.0	2.05	0.0	0.0	2.064	0.0
139	4973	4974	SN	1	0.0	34.099	15.601	0.0	24.933	14.845	0.0	151.133	11.941	0.0	18.597	12.346	0.0	2.06	0.0	0.0	2.114	0.0	0.0	2.234	0.0	0.0	2.28	0.0
140	4973	4974	SN	1	0.0	34.099	15.611	0.0	24.933	15.048	0.0	151.133	11.765	0.0	47.887	12.637	0.0	2.06	0.0	0.0	2.114	0.0	0.0	2.234	0.0	0.0	2.28	0.0
141	4973	4974	NS	1	0.0	25.319	14.134	0.0	33.437	15.675	0.0	354.821	13.67	0.0	83.541	14.107	0.0	1.906	0.0	0.0	1.926	0.0	0.0	2.05	0.0	0.0	2.064	0.0
142	4973	4974	SN	1	0.0	25.551	9.206	0.0	27.277	9.131	0.0	137.202	2.82	0.0	13.01	2.667	0.0	2.072	0.0	0.0	2.166	0.0	0.0	2.225	0.0	0.0	2.351	0.0

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

143	4973	4974	SN	1	0.0	25.551	9.142	0.0	27.277	9.127	0.0	137.202	2.765	0.0	69.721	2.755	0.0	2.072	0.0	0.0	2.166	0.0	0.0	2.225	0.0	0.0	2.351	0.0
144	4973	4974	SN	1	0.0	25.551	9.142	0.0	27.277	9.127	0.0	137.202	2.765	0.0	69.737	2.753	0.0	2.072	0.0	0.0	2.166	0.0	0.0	2.225	0.0	0.0	2.351	0.0
145	4973	4974	NS	1	0.0	24.801	9.799	0.0	27.228	9.782	0.0	353.757	3.913	0.0	119.118	4.112	0.0	1.896	0.0	0.0	1.913	0.0	0.0	2.05	0.0	0.0	2.059	0.0
146	4973	4974	NS	1	0.0	24.801	9.799	0.0	27.228	9.782	0.0	353.757	3.913	0.0	119.118	4.112	0.0	1.896	0.0	0.0	1.913	0.0	0.0	2.05	0.0	0.0	2.059	0.0
147	4974	4975	SN	1	0.0	25.551	9.147	0.0	27.277	9.116	0.0	169.338	2.762	0.0	66.379	2.709	0.0	2.061	0.0	0.0	2.195	0.0	0.0	2.256	0.0	0.0	2.358	0.0
148	4974	4975	NS	1	0.0	25.319	14.086	0.0	33.785	15.584	0.0	167.322	13.689	0.0	73.818	14.138	0.0	1.901	0.0	0.0	1.934	0.0	0.0	2.051	0.0	0.0	2.063	0.0
149	4974	4975	SN	1	0.0	33.851	15.612	0.0	24.95	15.007	0.0	128.693	11.69	0.0	35.26	12.627	0.0	2.087	0.0	0.0	2.112	0.0	0.0	2.264	0.0	0.0	2.3	0.0
150	4974	4975	SN	1	0.0	25.551	9.147	0.0	27.277	9.116	0.0	169.338	2.762	0.0	66.379	2.709	0.0	2.061	0.0	0.0	2.195	0.0	0.0	2.256	0.0	0.0	2.358	0.0
151	4974	4975	SN	1	0.0	33.851	15.612	0.0	24.95	15.007	0.0	128.693	11.69	0.0	35.26	12.627	0.0	2.087	0.0	0.0	2.112	0.0	0.0	2.264	0.0	0.0	2.3	0.0
152	4974	4975	NS	1	0.0	24.801	9.807	0.0	26.555	9.765	0.0	160.627	3.93	0.0	70.366	4.109	0.0	1.894	0.0	0.0	1.919	0.0	0.0	2.048	0.0	0.0	2.06	0.0
153	4974	4975	NS	1	0.0	24.801	9.795	0.0	26.45	9.76	0.0	160.605	3.926	0.0	70.344	4.111	0.0	1.896	0.0	0.0	1.913	0.0	0.0	2.049	0.0	0.0	2.06	0.0
154	4974	4975	NS	1	0.0	25.319	14.117	0.0	33.779	15.584	0.0	167.306	13.71	0.0	73.796	14.138	0.0	1.907	0.0	0.0	1.927	0.0	0.0	2.051	0.0	0.0	2.063	0.0
155	4975	4976	SN	1	0.0	33.868	15.612	0.0	24.928	15.037	0.0	155.165	11.675	0.0	35.58	12.655	0.0	2.089	0.0	0.0	2.122	0.0	0.0	2.254	0.0	0.0	2.326	0.0
156	4975	4976	SN	1	0.0	33.868	15.608	0.0	24.928	15.014	0.0	155.165	11.722	0.0	30.878	12.623	0.0	2.089	0.0	0.0	2.122	0.0	0.0	2.254	0.0	0.0	2.326	0.0
157	4975	4976	NS	1	0.0	25.336	14.131	0.0	33.873	15.56	0.0	172.694	13.712	0.0	60.345	14.077	0.0	1.908	0.0	0.0	1.922	0.0	0.0	2.052	0.0	0.0	2.065	0.0
158	4975	4976	NS	1	0.0	25.341	14.121	0.0	33.879	15.591	0.0	172.733	13.72	0.0	60.373	14.085	0.0	1.908	0.0	0.0	1.91	0.0	0.0	2.052	0.0	0.0	2.065	0.0
159	4975	4976	SN	1	0.0	25.562	9.181	0.0	27.283	9.101	0.0	155.165	2.766	0.0	16.539	2.691	0.0	2.082	0.0	0.0	2.17	0.0	0.0	2.271	0.0	0.0	2.367	0.0
160	4975	4976	SN	1	0.0	25.562	9.163	0.0	27.283	9.098	0.0	155.165	2.752	0.0	61.139	2.725	0.0	2.082	0.0	0.0	2.17	0.0	0.0	2.271	0.0	0.0	2.367	0.0
161	4975	4976	SN	1	0.0	25.562	9.163	0.0	27.283	9.098	0.0	155.165	2.752	0.0	61.139	2.725	0.0	2.082	0.0	0.0	2.17	0.0	0.0	2.271	0.0	0.0	2.367	0.0
162	4975	4976	SN	1	0.0	33.868	15.612	0.0	24.928	15.037	0.0	155.165	11.675	0.0	35.58	12.655	0.0	2.089	0.0	0.0	2.122	0.0	0.0	2.254	0.0	0.0	2.326	0.0
163	4975	4976	NS	1	0.0	24.823	9.783	0.0	27.305	9.769	0.0	352.257	3.965	0.0	74.066	4.127	0.0	1.899	0.0	0.0	1.912	0.0	0.0	2.05	0.0	0.0	2.06	0.0
164	4975	4976	NS	1	0.0	24.823	9.8	0.0	26.775	9.769	0.0	352.268	3.969	0.0	74.066	4.124	0.0	1.905	0.0	0.0	1.91	0.0	0.0	2.05	0.0	0.0	2.06	0.0
165	4976	4977	NS	1	0.0	24.823	9.804	0.0	26.61	9.803	0.0	354.253	3.947	0.0	80.795	4.123	0.0	1.903	0.0	0.0	1.915	0.0	0.0	2.05	0.0	0.0	2.06	0.0
166	4976	4977	NS	1	0.0	24.823	9.789	0.0	27.261	9.81	0.0	352.544	3.93	0.0	76.113	4.113	0.0	1.905	0.0	0.0	1.911	0.0	0.0	2.049	0.0	0.0	2.061	0.0
167	4976	4977	SN	1	0.0	33.873	15.581	0.0	24.95	15.047	0.0	129.216	11.676	0.0	75.989	12.598	0.0	2.075	0.0	0.0	2.121	0.0	0.0	2.277	0.0	0.0	2.33	0.0
168	4976	4977	SN	1	0.0	26.742	9.146	0.0	27.189	9.073	0.0	127.363	2.722	0.0	57.748	2.745	0.0	2.097	0.0	0.0	2.223	0.0	0.0	2.266	0.0	0.0	2.375	0.0
169	4976	4977	SN	1	0.0	26.742	9.235	0.0	27.189	9.08	0.0	127.363	2.808	0.0	13.01	2.648	0.0	2.097	0.0	0.0	2.223	0.0	0.0	2.266	0.0	0.0	2.375	0.0
170	4976	4977	NS	1	0.0	25.314	14.086	0.0	33.801	15.553	0.0	147.325	13.739	0.0	77.16	14.145	0.0	1.902	0.0	0.0	1.927	0.0	0.0	2.051	0.0	0.0	2.063	0.0
171	4976	4977	SN	1	0.0	26.742	9.146	0.0	27.189	9.073	0.0	127.363	2.722	0.0	57.748	2.745	0.0	2.097	0.0	0.0	2.223	0.0	0.0	2.266	0.0	0.0	2.375	0.0
172	4976	4977	SN	1	0.0	33.873	15.581	0.0	24.95	15.047	0.0	129.216	11.676	0.0	75.989	12.598	0.0	2.075	0.0	0.0	2.121	0.0	0.0	2.277	0.0	0.0	2.33	0.0
173	4976	4977	NS	1	0.0	25.319	14.111	0.0	33.939	15.57	0.0	143.625	13.711	0.0	72.622	14.092	0.0	1.901	0.0	0.0	1.913	0.0	0.0	2.051	0.0	0.0	2.063	0.0
174	4976	4977	SN	1	0.0	33.873	15.593	0.0	24.95	14.821	0.0	129.216	11.956	0.0	75.989	12.15	0.0	2.075	0.0	0.0	2.121	0.0	0.0	2.277	0.0	0.0	2.33	0.0
175	4977	4978	NS	1	0.0	24.812	9.83	0.0	60.671	9.832	0.0	143.067	3.891	0.0	67.079	4.138	0.0	1.898	0.0	0.0	1.915	0.0	0.0	2.057	0.0	0.0	2.062	0.0
176	4977	4978	SN	1	0.0	25.568	9.161	0.0	27.205	8.964	0.0	138.211	2.723	0.0	268.787	2.747	0.0	2.089	0.0	0.0	2.214	0.0	0.0	2.249	0.0	0.0	2.38	0.0
177	4977	4978	SN	1	0.0	25.568	9.366	0.0	27.205	8.979	0.0	138.211	2.919	0.0	268.787	2.675	0.0	2.089	0.0	0.0	2.214	0.0	0.0	2.249	0.0	0.0	2.38	0.0
178	4977	4978	SN	1	0.0	37.706	15.731	0.0	25.854	14.602	0.0	134.853	12.368	0.0	62.129	11.865	0.0	2.086	0.0	0.0	2.134	0.0	0.0	2.222	0.0	0.0	2.299	0.0
179	4977	4978	SN	1	0.0	37.706	15.588	0.0	25.854	15.081	0.0	134.853	11.751	0.0	62.129	12.613	0.0	2.086	0.0	0.0	2.134	0.0	0.0	2.222	0.0	0.0	2.299	0.0

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

180	4977	4978	NS	1	0.0	25.33	14.145	0.0	60.671	15.581	0.0	150.838	13.706	0.0	80.1	14.106	0.0	1.901	0.0	0.0	1.928	0.0	0.0	2.065	0.0	0.0	2.067	0.0
181	4977	4978	SN	1	0.0	25.568	9.161	0.0	27.205	8.964	0.0	138.211	2.723	0.0	268.787	2.747	0.0	2.089	0.0	0.0	2.214	0.0	0.0	2.249	0.0	0.0	2.38	0.0
182	4977	4978	SN	1	0.0	37.706	15.588	0.0	25.854	15.081	0.0	134.853	11.751	0.0	62.129	12.613	0.0	2.086	0.0	0.0	2.134	0.0	0.0	2.222	0.0	0.0	2.299	0.0
183	4978	4979	SN	1	0.0	37.645	15.559	0.0	25.871	15.162	0.0	132.878	11.666	0.0	48.344	12.642	0.0	2.101	0.0	0.0	2.171	0.0	0.0	2.293	0.0	0.0	2.409	0.0
184	4978	4979	SN	1	0.0	25.579	9.145	0.0	27.2	8.903	0.0	144.383	2.716	0.0	63.957	2.742	0.0	2.136	0.0	0.0	2.257	0.0	0.0	2.304	0.0	0.0	2.398	0.0
185	4978	4979	NS	1	0.0	24.818	9.829	0.0	25.022	9.82	0.0	142.516	3.906	0.0	64.553	4.147	0.0	1.895	0.0	0.0	1.905	0.0	0.0	2.048	0.0	0.0	2.061	0.0
186	4978	4979	NS	1	0.0	24.834	9.848	0.0	27.266	9.825	0.0	132.892	3.9	0.0	74.954	4.149	0.0	1.907	0.0	0.0	1.909	0.0	0.0	2.048	0.0	0.0	2.062	0.0
187	4978	4979	NS	1	0.0	25.336	14.156	0.0	34.055	15.56	0.0	139.477	13.763	0.0	76.515	14.163	0.0	1.902	0.0	0.0	1.912	0.0	0.0	2.05	0.0	0.0	2.066	0.0
188	4978	4979	NS	1	0.0	25.303	14.154	0.0	33.36	15.604	0.0	150.64	13.797	0.0	71.502	14.128	0.0	1.91	0.0	0.0	1.921	0.0	0.0	2.05	0.0	0.0	2.065	0.0
189	4979	4980	NS	1	0.0	25.325	14.144	0.0	33.382	15.624	0.0	354.452	13.783	0.0	77.094	14.135	0.0	1.91	0.0	0.0	1.908	0.0	0.0	2.052	0.0	0.0	2.068	0.0
190	4979	4980	SN	1	0.0	25.584	9.126	0.0	27.205	8.907	0.0	117.883	2.697	0.0	46.8	2.74	0.0	2.125	0.0	0.0	2.266	0.0	0.0	2.311	0.0	0.0	2.401	0.0
191	4979	4980	NS	1	0.0	25.325	14.144	0.0	33.382	15.624	0.0	354.452	13.783	0.0	77.094	14.135	0.0	1.91	0.0	0.0	1.908	0.0	0.0	2.052	0.0	0.0	2.068	0.0
192	4979	4980	SN	1	0.0	37.695	15.58	0.0	25.838	15.173	0.0	133.634	11.652	0.0	49.034	12.588	0.0	2.114	0.0	0.0	2.179	0.0	0.0	2.259	0.0	0.0	2.369	0.0
193	4979	4980	NS	1	0.0	24.812	9.806	0.0	26.312	9.827	0.0	354.452	3.895	0.0	65.507	4.138	0.0	1.905	0.0	0.0	1.911	0.0	0.0	2.051	0.0	0.0	2.064	0.0
194	4979	4980	NS	1	0.0	24.812	9.806	0.0	26.312	9.827	0.0	354.452	3.895	0.0	65.507	4.138	0.0	1.905	0.0	0.0	1.911	0.0	0.0	2.051	0.0	0.0	2.064	0.0
195	4980	4981	NS	1	0.0	25.33	14.106	0.0	34.739	15.578	0.0	353.244	13.798	0.0	71.667	14.123	0.0	1.915	0.0	0.0	1.928	0.0	0.0	2.051	0.0	0.0	2.066	0.0
196	4980	4981	SN	1	0.0	27.189	9.115	0.0	27.211	8.89	0.0	148.729	2.706	0.0	72.489	2.779	0.0	2.087	0.0	0.0	2.134	0.0	0.0	2.286	0.0	0.0	2.391	0.0
197	4980	4981	NS	1	0.0	24.818	9.811	0.0	25.65	9.831	0.0	354.684	3.883	0.0	61.652	4.122	0.0	1.903	0.0	0.0	1.91	0.0	0.0	2.051	0.0	0.0	2.062	0.0
198	4980	4981	SN	1	0.0	34.138	15.533	0.0	25.854	15.119	0.0	162.058	11.686	0.0	47.241	12.673	0.0	2.092	0.0	0.0	2.155	0.0	0.0	2.267	0.0	0.0	2.294	0.0
199	4981	4982	SN	1	0.0	25.573	9.149	0.0	27.205	8.865	0.0	119.482	2.708	0.0	73.953	2.794	0.0	2.098	0.0	0.0	2.229	0.0	0.0	2.239	0.0	0.0	2.391	0.0
200	4981	4982	NS	1	0.0	24.818	9.843	0.0	25.044	9.887	0.0	353.625	3.895	0.0	63.522	4.149	0.0	1.9	0.0	0.0	1.915	0.0	0.0	2.051	0.0	0.0	2.061	0.0
201	4981	4982	SN	1	0.0	34.039	15.513	0.0	25.849	15.119	0.0	132.47	11.672	0.0	47.815	12.694	0.0	2.079	0.0	0.0	2.162	0.0	0.0	2.273	0.0	0.0	2.31	0.0
202	4981	4982	NS	1	0.0	24.818	9.905	0.0	25.044	9.881	0.0	353.625	3.942	0.0	13.412	4.055	0.0	1.9	0.0	0.0	1.915	0.0	0.0	2.051	0.0	0.0	2.061	0.0
203	4981	4982	NS	1	0.0	192.305	14.181	0.0	31.413	15.407	0.0	354.7	14.059	0.0	18.972	13.903	0.0	1.907	0.0	0.0	1.928	0.0	0.0	2.052	0.0	0.0	2.065	0.0
204	4981	4982	NS	1	0.0	192.305	14.167	0.0	33.757	15.589	0.0	354.7	13.905	0.0	82.245	14.159	0.0	1.907	0.0	0.0	1.928	0.0	0.0	2.052	0.0	0.0	2.065	0.0
205	4982	4983	NS	1	0.0	25.347	14.184	0.0	30.057	15.09	0.0	328.653	14.303	0.0	14.449	13.59	0.0	1.902	0.0	0.0	1.923	0.0	0.0	2.052	0.0	0.0	2.065	0.0
206	4982	4983	NS	1	0.0	25.347	14.096	0.0	33.796	15.578	0.0	328.653	13.892	0.0	84.203	14.137	0.0	1.902	0.0	0.0	1.923	0.0	0.0	2.052	0.0	0.0	2.065	0.0
207	4982	4983	SN	1	0.0	25.573	9.161	0.0	27.205	8.836	0.0	137.726	2.688	0.0	65.805	2.787	0.0	2.086	0.0	0.0	2.217	0.0	0.0	2.244	0.0	0.0	2.392	0.0
208	4982	4983	NS	1	0.0	24.812	9.864	0.0	26.577	9.93	0.0	328.653	3.906	0.0	82.256	4.134	0.0	1.903	0.0	0.0	1.909	0.0	0.0	2.052	0.0	0.0	2.062	0.0
209	4982	4983	SN	1	0.0	33.901	15.522	0.0	25.854	15.098	0.0	136.596	11.599	0.0	33.01	12.698	0.0	2.079	0.0	0.0	2.164	0.0	0.0	2.269	0.0	0.0	2.332	0.0
210	4982	4983	NS	1	0.0	24.812	10.0	0.0	24.641	9.953	0.0	328.653	4.048	0.0	12.993	4.01	0.0	1.903	0.0	0.0	1.909	0.0	0.0	2.052	0.0	0.0	2.062	0.0
211	4983	4984	NS	1	0.921	55.853	14.263	0.0	29.886	14.969	0.0	355.571	14.548	0.0	14.449	13.313	0.0	1.906	0.0	0.0	1.933	0.0	0.0	2.054	0.0	0.0	2.065	0.0
212	4983	4984	NS	1	0.0	24.862	10.16	0.0	24.156	10.022	0.0	354.093	4.236	0.0	12.993	4.083	0.0	1.901	0.0	0.0	1.91	0.0	0.0	2.051	0.0	0.0	2.062	0.0

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