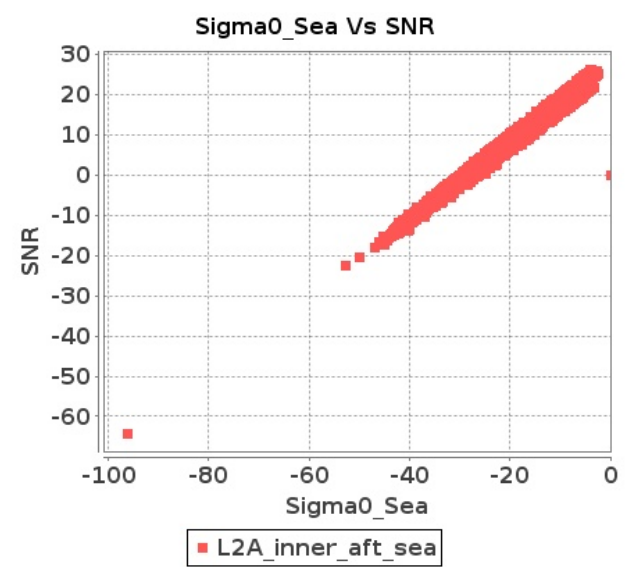


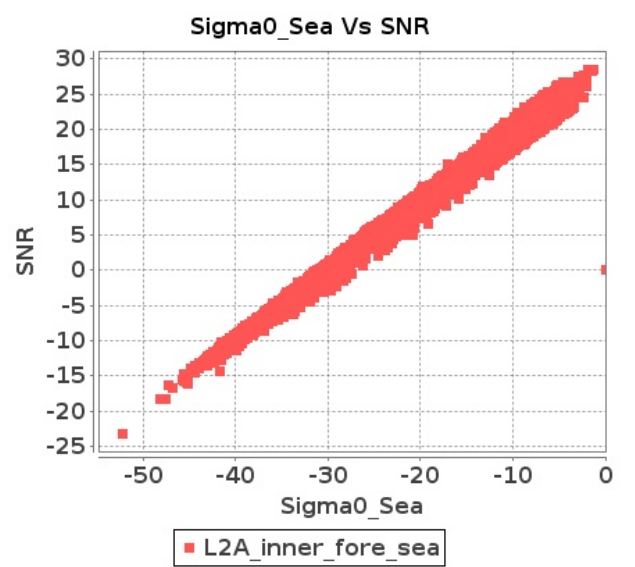
SCATSAT-1 Scatterometer Level-2A Data Quality Cycle wise Report

Report between 28-AUG-2017 To 29-AUG-2017

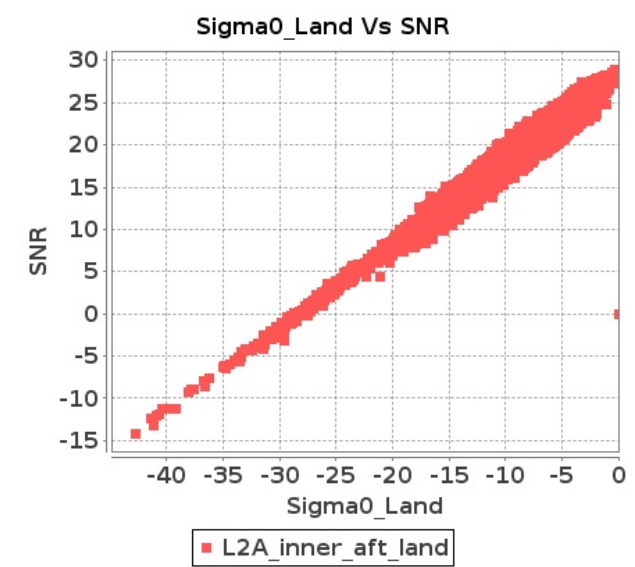
Inner Sea Aft Sigma0VsSNR



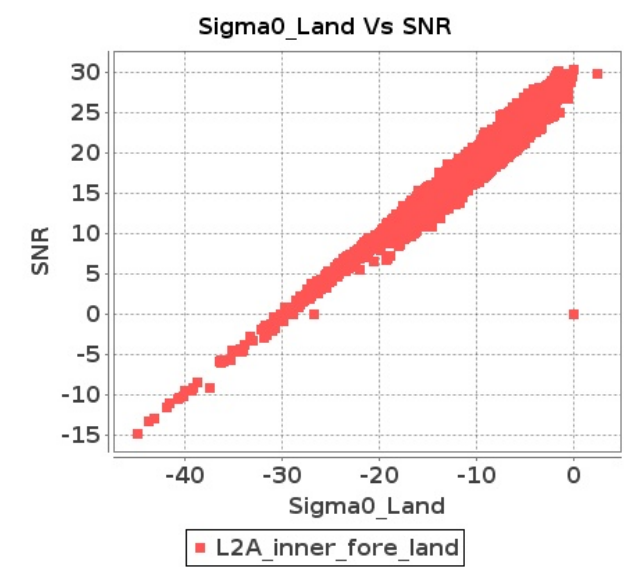
Inner Sea Fore Sigma0VsSNR



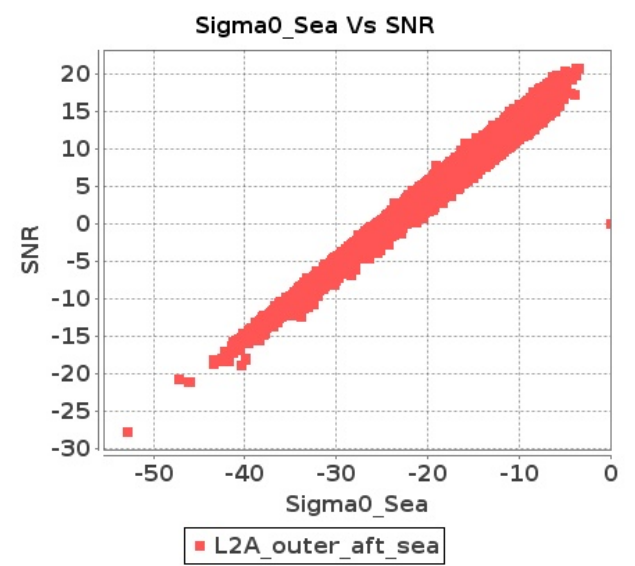
Inner Land Aft Sigma0VsSNR



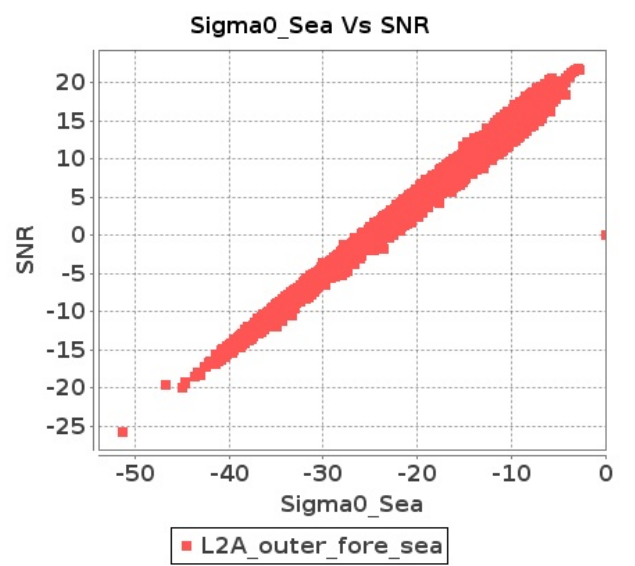
Inner Land Fore Sigma0VsSNR



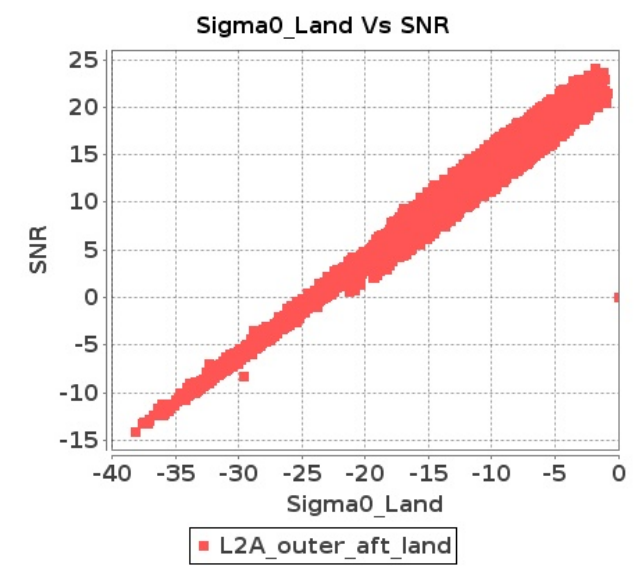
Outer Sea Aft Sigma0VsSNR



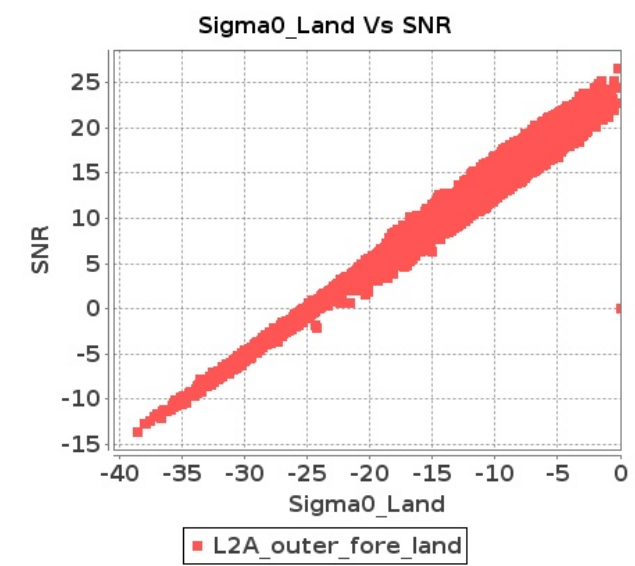
Outer Sea Fore Sigma0VsSNR



Outer Land Aft Sigma0VsSNR



Outer Land Fore Sigma0VsSNR



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

Report between 28-AUG-2017 To 29-AUG-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	4869	4870	SN	1	0.0	50.983	2.5	0.0	52.406	2.554	0.0	45.912	1.573	0.0	44.362	1.593	0.0	48.864	2.145	0.0	50.739	2.3	0.0	45.514	1.402	0.0	42.209	1.375
2	4869	4870	SN	1	0.0	51.857	8.794	0.0	54.979	8.565	0.0	46.514	5.546	0.0	47.199	5.895	0.0	51.883	8.247	0.0	56.976	8.078	0.0	49.741	5.106	0.0	46.723	5.113
3	4869	4870	NS	1	0.0	52.646	12.995	0.0	53.783	12.445	0.0	48.273	7.909	0.0	49.278	7.945	0.0	54.175	11.911	0.0	53.561	11.825	0.0	50.584	7.724	0.0	49.333	7.396
4	4869	4870	SN	1	0.0	51.857	8.793	0.0	54.979	8.565	0.0	46.514	5.545	0.0	47.199	5.895	0.0	51.883	8.246	0.0	56.976	8.078	0.0	49.741	5.105	0.0	46.723	5.113
5	4869	4870	NS	1	0.0	51.486	3.857	0.0	53.8	3.618	0.0	43.71	2.287	0.0	40.205	2.238	0.0	48.39	3.509	0.0	55.337	3.301	0.0	42.864	2.096	0.0	40.51	1.961
6	4869	4870	NS	1	0.0	51.486	3.857	0.0	53.8	3.618	0.0	43.71	2.287	0.0	40.205	2.238	0.0	48.39	3.509	0.0	55.337	3.301	0.0	42.864	2.096	0.0	40.51	1.961
7	4869	4870	NS	1	0.0	52.646	12.995	0.0	53.783	12.445	0.0	48.273	7.909	0.0	49.278	7.945	0.0	54.175	11.911	0.0	53.561	11.825	0.0	50.584	7.724	0.0	49.333	7.396
8	4869	4870	SN	1	0.0	50.983	2.499	0.0	52.406	2.536	0.0	45.912	1.568	0.0	44.362	1.601	0.0	48.864	2.134	0.0	50.739	2.28	0.0	45.514	1.389	0.0	42.209	1.385
9	4869	4870	SN	1	0.0	50.983	2.499	0.0	52.406	2.537	0.0	45.912	1.568	0.0	44.362	1.601	0.0	48.864	2.133	0.0	50.739	2.282	0.0	45.514	1.389	0.0	42.209	1.386
10	4869	4870	SN	1	0.0	51.857	8.833	0.0	54.979	8.651	0.0	46.514	5.598	0.0	47.199	5.91	0.0	51.883	8.294	0.0	56.976	8.142	0.0	49.741	5.169	0.0	46.723	5.124
11	4870	4871	SN	1	0.0	50.115	5.438	0.0	47.541	4.764	0.0	44.801	3.97	0.0	45.636	3.866	0.0	50.883	5.007	0.0	47.192	4.436	0.0	42.916	3.582	0.0	43.913	3.506
12	4870	4871	NS	1	0.0	46.631	1.658	0.0	55.957	1.449	0.0	37.337	1.138	0.0	42.213	1.025	0.0	44.396	1.46	0.0	54.721	1.35	0.0	36.994	1.051	0.0	42.558	0.954
13	4870	4871	SN	1	0.0	45.476	1.7	0.0	45.483	1.595	0.0	42.19	1.381	0.0	42.843	1.221	0.0	46.941	1.488	0.0	43.791	1.401	0.0	39.945	1.125	0.0	45.124	1.019
14	4870	4871	NS	1	0.0	46.056	1.676	0.0	56.278	1.44	0.0	39.334	1.138	0.0	43.978	1.03	0.0	43.82	1.449	0.0	55.044	1.35	0.0	40.46	1.047	0.0	45.649	0.961
15	4870	4871	NS	1	0.0	57.217	5.352	0.0	55.347	5.006	0.0	42.689	3.764	0.0	46.546	3.417	0.0	54.442	5.068	0.0	55.269	4.67	0.0	46.767	3.402	0.0	44.76	3.217
16	4870	4871	SN	1	0.0	50.115	5.438	0.0	47.541	4.704	0.0	44.801	4.116	0.0	45.636	3.895	0.0	50.883	5.023	0.0	47.192	4.38	0.0	42.916	3.712	0.0	43.913	3.54
17	4870	4871	SN	1	0.0	50.115	5.438	0.0	47.541	4.764	0.0	44.801	3.97	0.0	45.636	3.866	0.0	50.883	5.007	0.0	47.192	4.436	0.0	42.916	3.582	0.0	43.913	3.506
18	4870	4871	SN	1	0.0	45.476	1.686	0.0	45.483	1.613	0.0	42.19	1.353	0.0	42.843	1.215	0.0	46.941	1.478	0.0	43.791	1.419	0.0	39.945	1.098	0.0	45.124	1.002
19	4870	4871	SN	1	0.0	45.476	1.686	0.0	45.483	1.613	0.0	42.19	1.353	0.0	42.843	1.215	0.0	46.941	1.478	0.0	43.791	1.419	0.0	39.945	1.098	0.0	45.124	1.002
20	4870	4871	NS	1	0.0	56.636	5.433	0.0	55.76	5.067	0.0	47.898	3.757	0.0	48.563	3.345	0.0	53.866	5.119	0.0	55.683	4.721	0.0	46.691	3.522	0.0	47.857	3.181
21	4871	4872	SN	1	0.0	44.181	7.079	0.0	49.075	6.412	0.0	45.05	5.577	0.0	42.482	5.076	0.0	44.393	6.948	0.0	48.071	6.006	0.0	46.482	5.038	0.0	45.888	4.813
22	4871	4872	SN	1	0.0	44.181	7.083	0.0	49.075	6.422	0.0	45.05	5.582	0.0	42.482	5.076	0.0	44.393	6.951	0.0	48.071	6.016	0.0	46.482	5.043	0.0	45.888	4.813
23	4871	4872	NS	1	0.0	51.186	4.367	0.0	42.634	3.154	0.0	47.833	2.471	0.0	44.343	2.439	0.0	50.477	3.435	0.0	42.777	2.543	0.0	49.304	1.981	0.0	46.684	1.783
24	4871	4872	SN	1	0.0	43.789	2.504	0.0	44.523	2.087	0.0	38.24	1.882	0.0	42.112	1.866	0.0	41.678	2.301	0.0	43.493	1.862	0.0	40.086	1.583	0.0	39.957	1.632
25	4871	4872	SN	1	0.0	43.789	2.504	0.0	44.523	2.081	0.0	38.24	1.886	0.0	42.112	1.865	0.0	41.678	2.303	0.0	43.493	1.855	0.0	40.086	1.586	0.0	39.957	1.633
26	4871	4872	SN	1	0.0	44.181	7.036	0.0	49.075	6.367	0.0	45.05	5.509	0.0	42.482	5.047	0.0	44.393	6.892	0.0	48.071	5.965	0.0	46.482	4.947	0.0	45.888	4.78
27	4871	4872	NS	1	0.0	45.039	1.252	0.0	44.612	0.891	0.0	42.993	0.833	0.0	43.933	0.721	0.0	44.568	0.986	0.0	44.082	0.646	0.0	46.725	0.647	0.0	39.782	0.474
28	4871	4872	SN	1	0.0	43.789	2.513	0.0	44.523	2.087	0.0	38.24	1.861	0.0	42.112	1.881	0.0	41.678	2.293	0.0	43.493	1.863	0.0	40.086	1.56	0.0	39.957	1.647
29	4872	4873	SN	1	0.0	47.258	2.844	0.0	47.621	2.657	0.0	42.18	1.979	0.0	38.229	1.924	0.0	45.785	2.431	0.0	46.856	2.253	0.0	40.456	1.782	0.0	38.394	1.631
30	4872	4873	NS	1	0.0	52.357	6.538	0.0	55.058	5.434	0.0	43.912	3.731	0.0	43.588	3.274	0.0	56.259	5.798	0.0	55.934	4.803	0.0	42.401	3.475	0.0	44.44	3.06
31	4872	4873	NS	1	0.0	51.393	1.781	0.0	46.639	1.483	0.0	44.77	0.959	0.0	39.693	0.922	0.0	51.443	1.521	0.0	48.059	1.377	0.0	42.503	0.842	0.0	37.672	0.814

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

32	4872	4873	SN	1	0.0	47.258	2.845	0.0	44.164	2.653	0.0	42.18	1.976	0.0	38.229	1.925	0.0	45.785	2.432	0.0	43.534	2.253	0.0	40.456	1.781	0.0	38.394	1.632
33	4872	4873	SN	1	0.0	48.243	8.863	0.0	47.149	8.403	0.0	39.003	6.018	0.0	42.679	6.063	0.0	52.151	7.949	0.0	47.629	7.395	0.0	39.262	5.545	0.0	45.042	5.524
34	4872	4873	SN	1	0.0	48.243	9.018	0.0	54.198	8.515	0.0	39.003	6.053	0.0	42.679	6.023	0.0	52.151	8.056	0.0	53.522	7.521	0.0	39.262	5.556	0.0	45.042	5.504
35	4872	4873	NS	1	0.0	47.091	1.763	0.0	43.865	1.479	0.0	42.402	0.971	0.0	42.399	0.901	0.0	44.969	1.542	0.0	46.213	1.382	0.0	37.949	0.847	0.0	40.761	0.821
36	4872	4873	SN	1	0.0	48.243	9.025	0.0	54.198	8.515	0.0	39.003	6.05	0.0	42.679	6.023	0.0	52.151	8.073	0.0	53.522	7.521	0.0	39.262	5.553	0.0	45.042	5.504
37	4872	4873	SN	1	0.0	47.258	2.847	0.0	44.164	2.646	0.0	42.18	1.95	0.0	38.229	1.935	0.0	44.83	2.438	0.0	43.534	2.243	0.0	40.456	1.763	0.0	38.394	1.635
38	4872	4873	NS	1	0.0	51.995	6.498	0.0	56.121	5.403	0.0	47.221	3.723	0.0	48.896	3.309	0.0	55.857	5.778	0.0	56.997	4.742	0.0	43.215	3.468	0.0	48.47	3.038
39	4873	4874	NS	1	0.0	48.022	2.276	0.0	47.414	2.12	0.0	41.293	1.535	0.0	47.3	1.628	0.0	47.655	2.055	0.0	50.532	1.971	0.0	42.675	1.389	0.0	45.929	1.524
40	4873	4874	SN	1	0.0	49.451	7.412	0.0	49.801	5.993	0.0	41.367	4.924	0.0	44.153	4.855	0.0	51.603	6.845	0.0	50.559	5.466	0.0	40.039	4.924	0.0	46.288	4.635
41	4873	4874	SN	1	0.0	45.971	2.38	0.0	43.511	2.143	0.0	42.689	1.882	0.0	39.968	1.666	0.0	41.531	2.105	0.0	44.623	1.843	0.0	42.112	1.723	0.0	37.683	1.432
42	4873	4874	SN	1	0.0	45.971	2.381	0.0	43.511	2.141	0.0	42.689	1.884	0.0	39.97	1.666	0.0	41.531	2.108	0.0	44.623	1.841	0.0	42.112	1.725	0.0	37.683	1.432
43	4873	4874	NS	1	0.0	49.496	6.344	0.0	55.313	5.87	0.0	48.904	5.162	0.0	50.441	5.47	0.0	51.117	5.817	0.0	55.963	5.32	0.0	45.608	4.9	0.0	52.244	5.127
44	4873	4874	NS	1	0.0	50.446	6.344	0.0	48.76	5.849	0.0	46.576	5.134	0.0	49.996	5.42	0.0	51.493	5.878	0.0	49.378	5.32	0.0	45.102	4.885	0.0	51.797	5.035
45	4873	4874	SN	1	0.0	49.451	7.398	0.0	49.801	5.993	0.0	41.367	4.91	0.0	44.153	4.855	0.0	51.603	6.831	0.0	50.559	5.466	0.0	40.039	4.91	0.0	46.288	4.642
46	4873	4874	NS	1	0.0	50.066	2.254	0.0	49.103	2.118	0.0	39.637	1.543	0.0	44.646	1.618	0.0	49.91	2.078	0.0	49.278	1.962	0.0	40.223	1.405	0.0	43.28	1.511
47	4873	4874	SN	1	0.0	42.699	2.381	0.0	43.511	2.143	0.0	42.689	1.895	0.0	39.288	1.691	0.0	41.521	2.095	0.0	44.623	1.848	0.0	42.112	1.729	0.0	37.683	1.456
48	4873	4874	SN	1	0.0	49.451	7.087	0.0	49.801	5.678	0.0	41.367	4.867	0.0	44.153	4.873	0.0	51.603	6.54	0.0	50.559	5.236	0.0	40.039	4.852	0.0	46.288	4.637
49	4874	4875	SN	1	0.0	52.914	11.172	0.0	47.27	10.877	0.0	45.912	7.104	0.0	45.698	7.465	0.0	49.624	10.331	0.0	47.257	10.248	0.0	43.615	6.955	0.0	41.052	7.074
50	4874	4875	NS	1	0.0	51.187	8.878	0.707	57.364	7.632	0.0	49.764	7.18	0.0	50.101	6.832	0.0	52.679	8.422	0.351	57.667	7.276	0.0	47.927	6.832	0.0	49.153	6.433
51	4874	4875	NS	1	0.0	53.771	8.767	0.811	52.697	7.632	0.0	48.633	7.13	0.0	49.335	7.039	0.0	55.124	8.219	0.348	54.538	7.347	0.0	48.763	6.832	0.0	48.917	6.454
52	4874	4875	SN	1	0.0	49.841	3.584	0.0	53.899	3.505	0.0	43.078	2.243	0.0	45.573	2.449	0.0	47.794	3.282	0.0	55.014	3.136	0.0	45.66	2.197	0.0	45.666	2.211
53	4874	4875	SN	1	0.0	52.914	11.175	0.0	47.27	10.877	0.0	45.912	7.115	0.0	45.698	7.465	0.0	49.624	10.324	0.0	47.257	10.258	0.0	43.615	6.959	0.0	41.052	7.074
54	4874	4875	SN	1	0.0	52.914	11.342	0.0	47.27	10.996	0.0	45.912	7.213	0.0	45.698	7.724	0.0	49.624	10.486	0.0	47.257	10.395	0.0	43.615	7.077	0.0	41.052	7.326
55	4874	4875	NS	1	0.0	48.384	2.865	0.0	55.752	2.629	0.0	42.522	2.276	0.0	41.546	2.229	0.0	49.917	2.716	0.0	58.876	2.392	0.0	42.409	2.153	0.0	41.191	2.016
56	4874	4875	SN	1	0.0	49.841	3.582	0.0	53.899	3.509	0.0	43.078	2.244	0.0	45.573	2.451	0.0	47.794	3.28	0.0	55.014	3.137	0.0	45.66	2.198	0.0	45.666	2.212
57	4874	4875	NS	1	0.0	49.153	2.831	0.0	52.606	2.597	0.0	42.945	2.254	0.0	44.705	2.245	0.0	50.904	2.667	0.0	51.344	2.36	0.0	41.403	2.129	0.0	44.055	2.04
58	4874	4875	SN	1	0.0	49.841	3.655	0.0	53.899	3.615	0.0	42.29	2.279	0.0	45.573	2.549	0.0	47.794	3.331	0.0	55.014	3.255	0.0	45.66	2.219	0.0	45.666	2.311
59	4875	4876	SN	1	0.0	48.52	2.498	0.0	49.001	2.613	0.0	44.702	1.484	0.0	46.565	1.625	0.0	47.401	2.098	0.0	47.977	2.276	0.0	44.479	1.246	0.0	46.259	1.433
60	4875	4876	NS	1	0.0	49.165	2.717	0.0	46.246	2.27	0.0	41.585	2.097	0.0	39.996	1.755	0.0	49.674	2.309	0.0	43.602	1.956	0.0	41.743	1.792	0.0	40.392	1.537
61	4875	4876	SN	1	0.0	48.327	8.433	0.0	48.662	8.097	0.0	46.883	5.147	0.0	45.746	5.55	0.0	48.231	7.447	0.0	48.427	7.252	0.0	47.901	4.624	0.0	43.458	5.019
62	4875	4876	SN	1	0.0	53.446	8.107	0.0	52.318	8.605	0.0	49.77	4.967	0.0	49.212	5.749	0.0	52.153	7.236	0.0	52.248	7.784	0.0	47.325	4.469	0.0	46.238	5.117
63	4875	4876	NS	1	0.0	46.175	8.119	0.0	45.92	6.279	0.0	43.198	6.252	0.0	45.992	5.492	0.0	44.777	6.872	0.0	46.399	5.516	0.0	43.008	5.513	0.0	45.595	4.864
64	4875	4876	SN	1	0.0	47.863	2.607	0.0	46.116	2.65	0.0	45.061	1.549	0.0	42.283	1.556	0.0	50.855	2.158	0.0	48.519	2.274	0.0	44.838	1.281	0.0	40.91	1.383
65	4875	4876	NS	1	0.0	44.663	7.946	0.0	46.54	6.35	0.0	45.33	6.152	0.0	45.624	5.364	0.0	44.304	6.832	0.0	47.22	5.608	0.0	45.142	5.548	0.0	45.956	4.864
66	4875	4876	SN	1	0.0	48.327	8.255	0.0	48.662	8.485	0.0	49.77	5.012	0.0	45.746	5.693	0.0	48.231	7.313	0.0	48.427	7.643	0.0	47.901	4.486	0.0	43.458	5.16
67	4875	4876	SN	1	0.0	47.863	2.505	0.0	46.116	2.67	0.0	45.061	1.479	0.0	42.283	1.598	0.0	50.855	2.088	0.0	48.519	2.282	0.0	44.838	1.226	0.0	40.91	1.414

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

68	4875	4876	NS	1	0.0	42.956	2.742	0.0	47.276	2.259	0.0	43.834	2.127	0.0	42.329	1.78	0.0	43.972	2.338	0.0	46.663	1.974	0.0	39.596	1.868	0.0	38.497	1.571
69	4876	4877	SN	1	0.0	43.248	1.936	0.0	51.56	1.92	0.0	38.225	1.432	0.0	45.07	1.506	0.0	43.906	1.808	0.0	49.794	1.739	0.0	38.455	1.428	0.0	41.743	1.399
70	4876	4877	SN	1	0.0	46.071	7.382	0.0	55.91	7.262	0.0	41.41	4.967	0.0	50.64	5.524	0.0	47.291	6.977	0.0	55.504	6.613	0.0	39.931	4.705	0.0	50.15	5.09
71	4876	4877	SN	1	0.0	46.071	6.867	0.0	55.91	6.411	0.0	41.41	4.892	0.0	49.94	5.171	0.0	46.894	6.45	0.0	55.504	5.824	0.0	39.931	4.599	0.0	47.508	4.744
72	4876	4877	NS	1	0.0	47.643	7.458	0.0	50.336	6.347	0.0	45.96	5.579	0.0	44.258	5.583	0.0	47.723	6.931	0.0	50.99	5.838	0.0	47.398	5.302	0.0	44.404	5.077
73	4876	4877	NS	1	0.0	51.251	7.631	0.0	48.11	6.387	0.0	45.087	5.522	0.0	46.523	5.719	0.0	53.088	6.962	0.0	47.265	5.848	0.0	46.543	5.246	0.0	45.396	5.241
74	4876	4877	SN	1	0.0	52.576	7.216	0.0	57.822	7.231	0.0	46.458	4.866	0.0	51.5	5.481	0.0	53.252	6.821	0.0	56.318	6.511	0.0	46.081	4.803	0.0	50.15	5.083
75	4876	4877	NS	1	0.0	46.206	2.321	0.0	48.471	2.007	0.0	38.146	1.745	0.0	39.933	1.822	0.0	42.51	2.177	0.0	47.893	1.774	0.0	37.834	1.595	0.0	39.753	1.596
76	4876	4877	NS	1	0.0	43.421	2.296	0.0	49.263	2.0	0.0	35.855	1.79	0.0	46.269	1.834	0.0	41.288	2.114	0.0	47.158	1.779	0.0	36.211	1.619	0.0	49.671	1.603
77	4876	4877	SN	1	0.0	46.418	2.06	0.0	54.552	2.073	0.0	41.206	1.438	0.0	40.497	1.65	0.0	45.959	1.902	0.0	53.342	1.9	0.0	41.335	1.377	0.0	42.005	1.51
78	4876	4877	SN	1	0.0	44.642	2.024	0.0	51.56	2.114	0.0	38.225	1.443	0.0	45.07	1.602	0.0	43.906	1.921	0.0	49.794	1.913	0.0	38.455	1.431	0.0	41.743	1.482
79	4877	4878	NS	1	0.0	45.511	3.073	0.0	49.792	2.435	0.0	42.075	1.856	0.0	44.02	1.74	0.0	45.556	2.622	0.0	50.273	2.123	0.0	45.891	1.599	0.0	45.11	1.478
80	4877	4878	NS	1	0.0	50.253	9.588	0.0	51.931	7.388	0.0	44.516	6.266	0.0	44.107	6.133	0.0	52.358	8.504	0.0	55.426	6.94	0.0	46.972	5.804	0.0	45.773	5.17
81	4877	4878	SN	1	0.0	51.636	1.491	0.0	46.52	1.695	0.0	37.363	1.106	0.0	49.403	1.292	0.0	48.694	1.342	0.0	47.14	1.546	0.0	35.395	0.999	0.0	49.97	1.165
82	4877	4878	NS	1	0.0	45.511	3.073	0.0	49.792	2.435	0.0	42.075	1.856	0.0	44.02	1.74	0.0	45.556	2.622	0.0	50.273	2.123	0.0	45.891	1.599	0.0	45.11	1.478
83	4877	4878	NS	1	0.0	50.253	9.588	0.0	51.931	7.388	0.0	44.516	6.266	0.0	44.107	6.133	0.0	52.358	8.504	0.0	55.426	6.94	0.0	46.972	5.804	0.0	45.773	5.17
84	4877	4878	SN	1	0.0	44.151	5.076	0.0	50.341	5.256	0.0	44.597	3.465	0.0	52.043	3.897	0.0	47.165	4.6	0.0	50.32	4.951	0.0	45.045	3.245	0.0	53.596	3.655
85	4878	4879	NS	1	0.0	48.095	7.559	0.0	52.649	5.99	0.0	46.26	4.63	0.0	44.625	4.191	0.0	49.561	6.85	0.0	54.481	5.462	0.0	44.013	4.253	0.0	46.492	3.743
86	4878	4879	NS	1	0.0	47.856	2.186	0.0	55.007	1.624	0.0	40.169	1.54	0.0	44.8	1.358	0.0	46.566	1.9	0.0	52.336	1.468	0.0	39.154	1.331	0.0	44.33	1.134
87	4878	4879	SN	1	0.0	43.91	1.707	0.0	47.354	1.608	0.0	36.942	1.224	0.0	39.701	1.198	0.0	46.992	1.477	0.0	44.993	1.403	0.0	39.596	1.089	0.0	37.839	1.056
88	4878	4879	SN	1	0.0	49.745	6.137	0.0	49.71	5.991	0.0	42.762	3.897	0.0	44.761	4.136	0.0	49.347	5.611	0.0	50.883	5.302	0.0	41.173	3.578	0.0	42.875	3.859
89	4879	4880	NS	1	0.0	42.858	1.927	0.0	40.341	1.665	0.0	42.431	1.329	0.0	38.246	1.346	0.0	41.686	1.488	0.0	41.969	1.289	0.0	41.468	1.05	0.0	38.947	1.055
90	4879	4880	NS	1	0.0	48.075	5.268	0.0	48.627	4.87	0.0	47.013	3.911	0.0	43.61	3.969	0.0	49.881	4.518	0.0	47.448	4.211	0.0	45.141	3.265	0.0	40.848	3.45
91	4879	4880	NS	1	0.0	48.075	5.291	0.0	48.627	4.895	0.0	47.013	3.928	0.0	43.61	3.989	0.0	49.881	4.538	0.0	47.448	4.232	0.0	45.141	3.279	0.0	40.848	3.467
92	4879	4880	SN	1	0.0	42.648	1.813	0.0	48.116	1.678	0.0	40.999	1.282	0.0	44.472	1.224	0.0	42.704	1.641	0.0	48.254	1.443	0.0	38.847	1.132	0.0	42.838	1.083
93	4879	4880	SN	1	0.0	49.979	5.682	0.0	52.1	5.333	0.0	44.476	4.407	0.0	46.863	4.449	0.0	48.826	5.256	0.0	54.205	4.674	0.0	43.642	3.825	0.0	46.15	4.044
94	4879	4880	NS	1	0.0	42.858	1.919	0.0	40.341	1.659	0.0	42.431	1.324	0.0	38.246	1.341	0.0	41.686	1.482	0.0	41.969	1.284	0.0	41.468	1.045	0.0	38.947	1.051
95	4880	4881	SN	1	0.0	47.193	1.961	0.0	49.113	2.173	0.0	45.174	1.388	0.0	40.471	1.524	0.0	49.83	1.751	0.0	51.017	1.961	0.0	43.68	1.225	0.0	40.152	1.393
96	4880	4881	NS	1	0.0	47.578	6.54	0.0	51.801	4.897	0.0	41.829	4.37	0.0	47.595	3.618	0.0	50.098	6.007	0.0	48.512	4.793	0.0	44.194	4.078	0.0	43.925	3.295
97	4880	4881	NS	1	0.0	42.572	2.145	0.0	43.229	1.501	0.0	38.961	1.515	0.0	39.486	1.211	0.0	42.084	1.865	0.0	43.207	1.358	0.0	38.36	1.357	0.0	37.038	1.136
98	4880	4881	SN	1	0.0	52.655	7.16	0.0	49.561	7.404	0.0	46.368	5.343	0.0	44.088	5.531	0.0	50.676	6.441	0.0	49.914	6.857	0.0	45.353	4.804	0.0	46.255	5.112
99	4880	4881	NS	1	0.0	47.578	6.343	0.0	51.801	4.771	0.0	41.829	4.245	0.0	47.595	3.515	0.0	50.098	5.826	0.0	48.512	4.659	0.0	44.194	3.954	0.0	43.925	3.202
100	4880	4881	NS	1	0.0	42.572	2.212	0.0	43.229	1.546	0.0	38.961	1.559	0.0	39.486	1.248	0.0	42.084	1.923	0.0	43.207	1.399	0.0	38.36	1.4	0.0	37.038	1.171
101	4881	4882	NS	1	0.0	52.397	2.728	0.0	51.569	2.65	0.0	41.214	2.224	0.0	46.45	2.148	0.0	52.941	2.313	0.0	48.951	2.201	0.0	38.953	1.926	0.0	43.309	1.777
102	4881	4882	SN	1	0.0	45.923	2.025	0.0	42.505	1.934	0.0	43.115	1.541	0.0	38.629	1.652	0.0	44.781	1.606	0.0	38.343	1.537	0.0	43.081	1.261	0.0	41.494	1.358
103	4881	4882	NS	1	0.0	52.397	2.549	0.0	51.569	2.472	0.0	41.214	2.078	0.0	46.45	2.003	0.0	52.941	2.159	0.0	48.951	2.054	0.0	38.953	1.797	0.0	43.309	1.656

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

104	4881	4882	NS	1	0.0	47.785	7.062	0.0	52.31	7.269	0.0	43.256	5.9	0.0	42.476	6.121	0.0	49.22	6.13	0.0	51.674	6.345	0.0	38.986	5.07	0.0	43.183	5.331
105	4881	4882	NS	1	0.0	47.785	7.523	0.0	52.31	7.793	0.0	43.256	6.288	0.0	42.476	6.575	0.0	49.22	6.557	0.0	51.674	6.812	0.0	38.986	5.428	0.0	43.183	5.727
106	4881	4882	SN	1	0.0	44.97	6.27	0.0	51.356	5.866	0.0	44.81	4.417	0.0	47.595	4.942	0.0	45.527	5.338	0.0	47.369	4.841	0.0	43.045	3.749	0.0	46.673	4.259
107	4882	4883	NS	1	0.0	48.406	11.047	0.0	53.69	9.414	0.0	43.958	7.936	0.0	44.778	8.102	0.0	47.115	10.485	0.0	55.758	8.653	0.0	47.226	7.646	0.0	42.947	7.569
108	4882	4883	NS	1	0.0	44.042	3.609	0.0	44.823	3.064	0.0	38.947	2.527	0.0	47.668	2.573	0.0	44.621	3.285	0.0	45.566	2.662	0.0	38.858	2.294	0.0	44.961	2.328
109	4883	4884	SN	1	0.0	49.441	2.278	0.0	48.311	1.965	0.0	41.393	1.397	0.0	45.383	1.369	0.0	46.255	1.958	0.0	45.796	1.726	0.0	43.082	1.268	0.0	41.858	1.188
110	4883	4884	SN	1	0.0	48.005	7.055	0.0	51.097	6.129	0.0	43.096	5.112	0.0	46.316	4.828	0.0	49.784	6.107	0.0	49.943	5.638	0.0	43.701	4.626	0.0	47.367	4.215
111	4883	4884	SN	1	0.0	48.005	6.908	0.0	51.097	6.046	0.0	46.331	5.16	0.0	46.316	4.749	0.0	49.784	5.926	0.0	49.943	5.539	0.0	43.846	4.642	0.0	47.367	4.081
112	4883	4884	SN	1	0.0	48.005	6.911	0.0	51.097	6.046	0.0	46.331	5.164	0.0	46.316	4.749	0.0	49.784	5.928	0.0	49.943	5.539	0.0	43.846	4.646	0.0	47.367	4.081
113	4883	4884	SN	1	0.0	49.441	2.213	0.0	48.311	1.909	0.0	41.393	1.407	0.0	45.383	1.326	0.0	46.255	1.888	0.0	45.796	1.672	0.0	43.082	1.271	0.0	41.858	1.152
114	4883	4884	SN	1	0.0	49.441	2.214	0.0	48.311	1.909	0.0	41.393	1.406	0.0	45.383	1.331	0.0	46.255	1.889	0.0	45.796	1.672	0.0	43.082	1.27	0.0	41.858	1.154
115	4884	4885	NS	1	0.0	48.877	7.632	0.0	53.359	6.472	0.0	51.237	4.966	0.0	49.755	4.679	0.0	49.373	6.882	0.0	50.059	5.902	0.0	47.644	4.49	0.0	48.623	4.244
116	4884	4885	SN	1	0.0	48.983	6.3	0.0	45.542	5.837	0.0	41.778	4.382	0.0	43.191	4.388	0.0	50.195	5.548	0.0	48.563	5.127	0.0	43.503	3.985	0.0	46.679	3.898
117	4884	4885	NS	1	0.0	48.877	7.632	0.0	53.359	6.472	0.0	51.237	4.966	0.0	49.755	4.679	0.0	49.373	6.882	0.0	50.059	5.902	0.0	47.644	4.49	0.0	48.623	4.244
118	4884	4885	SN	1	0.0	43.35	1.912	0.0	50.491	1.759	0.0	47.473	1.377	0.0	39.229	1.362	0.0	47.225	1.703	0.0	51.145	1.554	0.0	44.422	1.215	0.0	39.819	1.203
119	4884	4885	SN	1	0.0	43.35	1.911	0.0	50.491	1.761	0.0	47.473	1.374	0.0	39.229	1.364	0.0	47.225	1.701	0.0	51.145	1.556	0.0	44.422	1.216	0.0	39.819	1.204
120	4884	4885	NS	1	0.0	47.858	2.281	0.0	46.548	1.904	0.0	41.04	1.531	0.0	41.45	1.48	0.0	45.679	2.078	0.0	47.216	1.757	0.0	40.282	1.335	0.0	42.985	1.332
121	4884	4885	NS	1	0.0	47.858	2.281	0.0	46.548	1.904	0.0	41.04	1.531	0.0	41.45	1.48	0.0	45.679	2.078	0.0	47.216	1.757	0.0	40.282	1.335	0.0	42.985	1.332
122	4884	4885	SN	1	0.0	43.35	1.884	0.0	50.491	1.773	0.0	47.473	1.376	0.0	39.229	1.371	0.0	47.225	1.682	0.0	51.145	1.56	0.0	44.422	1.217	0.0	39.819	1.207
123	4884	4885	SN	1	0.0	48.983	6.442	0.0	45.542	5.87	0.0	41.778	4.346	0.0	43.191	4.413	0.0	50.195	5.673	0.0	48.563	5.16	0.0	43.503	3.984	0.0	46.679	3.916
124	4884	4885	SN	1	0.0	48.983	6.445	0.0	45.542	5.87	0.0	41.778	4.341	0.0	43.191	4.413	0.0	50.195	5.675	0.0	48.563	5.16	0.0	43.503	3.979	0.0	46.679	3.916
125	4885	4886	SN	1	0.0	46.07	6.932	0.0	48.472	5.824	0.0	42.948	4.94	0.0	40.599	5.329	0.0	45.943	6.264	0.0	45.628	5.331	0.0	41.575	4.608	0.0	41.285	4.94
126	4885	4886	NS	1	0.0	47.875	4.124	0.0	43.712	3.367	0.0	46.107	2.506	0.0	48.226	2.653	0.0	49.697	3.344	0.0	44.018	2.817	0.0	42.676	2.25	0.0	47.317	2.168
127	4885	4886	NS	1	0.0	46.653	4.124	0.0	43.533	3.367	0.0	47.374	2.492	0.0	47.559	2.645	0.0	47.375	3.354	0.0	43.838	2.807	0.0	43.303	2.215	0.0	46.65	2.182
128	4885	4886	SN	1	0.0	46.07	6.932	0.0	48.472	5.824	0.0	42.948	4.94	0.0	40.599	5.329	0.0	45.943	6.264	0.0	45.628	5.331	0.0	41.575	4.608	0.0	41.285	4.94
129	4885	4886	SN	1	0.0	46.07	6.957	0.0	48.472	5.862	0.0	42.948	5.039	0.0	40.599	5.31	0.0	45.943	6.309	0.0	45.628	5.375	0.0	41.575	4.748	0.0	41.285	4.926
130	4885	4886	NS	1	0.0	42.27	1.22	0.0	49.018	0.902	0.0	41.797	0.778	0.0	41.088	0.758	0.0	40.468	0.954	0.0	46.699	0.789	0.0	38.102	0.666	0.0	41.816	0.678
131	4885	4886	NS	1	0.0	46.869	1.234	0.0	45.906	0.897	0.0	36.566	0.773	0.0	39.766	0.774	0.0	46.856	0.974	0.0	43.586	0.775	0.0	36.452	0.67	0.0	40.267	0.684
132	4885	4886	SN	1	0.0	50.947	2.47	0.0	42.889	1.974	0.0	39.659	1.707	0.0	42.982	1.805	0.0	49.768	2.248	0.0	44.571	1.798	0.0	38.614	1.574	0.0	39.353	1.601
133	4885	4886	SN	1	0.0	50.947	2.47	0.0	42.889	1.974	0.0	39.659	1.707	0.0	42.982	1.804	0.0	49.768	2.248	0.0	44.571	1.798	0.0	38.614	1.574	0.0	39.353	1.599
134	4885	4886	SN	1	0.0	50.947	2.46	0.0	42.889	2.005	0.0	39.659	1.752	0.0	42.982	1.799	0.0	49.768	2.232	0.0	44.571	1.823	0.0	38.614	1.624	0.0	39.353	1.6
135	4886	4887	SN	1	0.0	49.32	7.517	0.0	53.952	5.834	0.0	35.596	5.268	0.0	39.735	4.948	0.0	47.877	6.879	0.0	54.805	5.408	0.0	35.721	4.742	0.0	36.677	4.408
136	4886	4887	SN	1	0.0	49.32	7.313	0.0	53.952	5.754	0.0	35.596	5.316	0.0	39.735	4.995	0.0	47.877	6.683	0.0	54.805	5.299	0.0	35.721	4.773	0.0	36.677	4.438
137	4886	4887	SN	1	0.0	47.81	2.413	0.0	46.393	1.898	0.0	38.367	1.814	0.0	38.867	1.625	0.0	47.632	2.081	0.0	42.016	1.679	0.0	35.975	1.624	0.0	37.408	1.43
138	4886	4887	SN	1	0.0	47.81	2.418	0.0	46.393	1.898	0.0	38.367	1.815	0.0	38.867	1.627	0.0	47.632	2.084	0.0	42.016	1.681	0.0	35.975	1.623	0.0	37.408	1.432
139	4886	4887	SN	1	0.0	49.32	7.529	0.0	53.952	5.834	0.0	35.596	5.27	0.0	39.735	4.948	0.0	47.877	6.88	0.0	54.805	5.408	0.0	35.721	4.744	0.0	36.677	4.408

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

140	4886	4887	NS	1	0.0	51.353	4.318	0.079	48.61	3.338	0.0	42.577	3.154	0.0	45.104	3.131	0.0	53.017	3.669	1.108	47.293	2.829	0.0	43.536	2.862	0.0	43.963	2.753
141	4886	4887	NS	1	0.0	51.353	4.318	0.079	48.61	3.338	0.0	42.577	3.154	0.0	45.104	3.131	0.0	53.017	3.669	1.108	47.293	2.829	0.0	43.536	2.862	0.0	43.963	2.753
142	4886	4887	NS	1	0.0	44.933	1.507	0.0	44.023	1.227	0.0	41.893	0.936	0.0	42.099	1.005	0.0	43.421	1.2	0.0	43.01	0.992	0.0	37.932	0.801	0.0	37.73	0.874
143	4886	4887	NS	1	0.0	44.933	1.507	0.0	44.023	1.227	0.0	41.893	0.936	0.0	42.099	1.005	0.0	43.421	1.2	0.0	43.01	0.992	0.0	37.932	0.801	0.0	37.73	0.874
144	4886	4887	SN	1	0.0	40.691	2.389	0.0	46.393	1.877	0.0	38.367	1.791	0.0	38.867	1.644	0.0	39.672	2.045	0.0	42.016	1.67	0.0	35.975	1.603	0.0	36.871	1.442
145	4887	4888	NS	1	0.0	55.38	4.723	0.0	50.29	4.661	0.0	49.98	3.395	0.0	48.188	3.124	0.0	54.735	4.186	0.0	50.402	4.203	0.0	45.993	3.111	0.0	45.764	2.917
146	4887	4888	SN	1	0.0	44.495	8.549	0.0	49.487	6.346	0.0	39.53	6.334	0.0	38.376	5.799	0.0	45.323	8.052	0.0	51.109	5.768	0.0	38.879	6.22	0.0	40.405	5.522
147	4887	4888	SN	1	0.0	44.499	8.554	0.0	49.487	6.346	0.0	39.53	6.326	0.0	38.376	5.799	0.0	45.328	8.057	0.0	51.109	5.768	0.0	38.879	6.212	0.0	40.405	5.522
148	4887	4888	SN	1	0.0	41.542	2.92	0.0	43.279	2.511	0.0	37.522	2.284	0.0	37.507	2.166	0.0	39.947	2.604	0.0	43.877	2.209	0.0	36.649	2.145	0.0	38.779	1.893
149	4887	4888	NS	1	0.0	49.27	1.392	0.0	46.786	1.316	0.0	43.11	0.961	0.0	44.028	0.849	0.0	48.904	1.205	0.0	49.26	1.16	0.0	43.578	0.815	0.0	43.181	0.755
150	4887	4888	NS	1	0.0	49.547	1.385	0.0	48.505	1.33	0.0	45.469	0.957	0.0	41.778	0.844	0.0	49.012	1.194	0.0	51.161	1.158	0.0	43.262	0.838	0.0	43.058	0.755
151	4887	4888	SN	1	0.0	41.542	2.891	0.0	43.279	2.454	0.0	37.522	2.278	0.0	37.507	2.109	0.0	39.947	2.579	0.0	43.877	2.159	0.0	38.296	2.138	0.0	38.779	1.839
152	4887	4888	SN	1	0.0	41.353	8.355	0.0	49.487	6.388	0.0	39.288	6.266	0.0	38.376	5.961	0.0	40.939	7.822	0.0	51.109	5.865	0.0	38.879	6.164	0.0	40.405	5.69
153	4887	4888	SN	1	0.0	41.542	2.889	0.0	43.279	2.451	0.0	37.522	2.278	0.0	37.507	2.106	0.0	39.947	2.577	0.0	43.877	2.156	0.0	38.296	2.138	0.0	38.779	1.837
154	4887	4888	NS	1	0.0	48.136	4.692	0.0	51.886	4.712	0.0	45.281	3.43	0.0	44.182	3.103	0.0	47.119	4.135	0.0	51.999	4.254	0.0	43.037	3.189	0.0	43.652	2.96
155	4888	4889	SN	1	0.0	49.69	10.389	0.0	51.227	8.955	0.0	42.521	6.557	0.0	46.839	5.787	0.0	52.344	8.991	0.0	51.965	7.88	0.0	43.961	6.003	0.0	49.59	5.239
156	4888	4889	NS	1	0.0	46.846	2.797	0.0	50.287	2.066	0.0	39.982	1.692	0.0	42.737	1.547	0.0	46.916	2.447	0.0	48.003	1.849	0.0	41.775	1.486	0.0	41.432	1.303
157	4888	4889	SN	1	0.0	42.419	3.033	0.0	44.323	2.704	0.0	46.272	2.081	0.0	45.429	1.916	0.0	42.117	2.575	0.0	47.356	2.302	0.0	45.188	1.806	0.0	43.573	1.645
158	4888	4889	SN	1	0.0	42.419	3.069	0.0	44.323	2.752	0.0	46.272	2.115	0.0	45.429	1.95	0.0	42.117	2.602	0.0	47.356	2.348	0.0	45.188	1.837	0.0	43.573	1.679
159	4888	4889	SN	1	0.0	49.69	10.348	0.0	51.227	8.955	0.0	42.521	6.565	0.0	46.839	5.787	0.0	52.344	8.969	0.0	51.965	7.88	0.0	43.961	6.011	0.0	49.59	5.239
160	4888	4889	SN	1	0.0	49.69	10.422	0.0	51.227	8.892	0.0	42.521	6.596	0.0	46.839	5.864	0.0	52.344	9.066	0.0	51.965	7.811	0.0	43.961	6.002	0.0	49.59	5.321
161	4888	4889	NS	1	0.0	52.487	7.995	0.0	47.996	6.499	0.0	49.502	5.615	0.0	45.288	5.006	0.0	51.069	7.448	0.0	48.995	6.225	0.0	51.208	5.132	0.0	44.985	4.457
162	4888	4889	NS	1	0.0	47.499	2.752	0.0	47.963	2.048	0.0	48.013	1.694	0.0	40.236	1.539	0.0	47.566	2.409	0.0	48.466	1.84	0.0	46.492	1.49	0.0	38.884	1.303
163	4888	4889	NS	1	0.0	49.034	7.974	0.0	47.991	6.621	0.0	49.32	5.586	0.0	46.121	5.041	0.0	51.679	7.539	0.0	49.551	6.286	0.0	51.027	5.118	0.0	46.59	4.464
164	4888	4889	SN	1	0.0	42.419	3.034	0.0	44.323	2.7	0.0	46.272	2.077	0.0	45.429	1.914	0.0	42.117	2.577	0.0	47.356	2.299	0.0	45.188	1.806	0.0	43.573	1.643
165	4889	4890	SN	1	0.0	49.577	2.539	0.0	50.188	2.878	0.0	47.369	1.729	0.0	41.042	2.09	0.0	49.661	2.415	0.0	54.15	2.623	0.0	47.522	1.644	0.0	39.801	1.9
166	4889	4890	SN	1	0.0	49.577	2.538	0.0	50.188	2.879	0.0	47.369	1.729	0.0	41.042	2.089	0.0	49.661	2.414	0.0	54.15	2.626	0.0	47.522	1.644	0.0	39.801	1.899
167	4889	4890	SN	1	0.0	52.569	7.923	0.0	53.803	8.939	0.0	49.232	5.723	0.0	42.775	6.705	0.0	51.931	7.7	0.0	50.925	8.604	0.0	45.608	5.417	0.0	45.045	6.186
168	4889	4890	SN	1	0.0	52.569	7.923	0.0	53.803	8.939	0.0	49.232	5.738	0.0	42.775	6.705	0.0	51.931	7.7	0.0	50.925	8.604	0.0	45.608	5.418	0.0	45.045	6.186
169	4889	4890	NS	1	0.0	50.064	7.613	0.0	49.931	6.136	0.0	42.351	5.456	0.0	45.864	4.7	0.0	51.394	6.792	0.0	50.36	5.638	0.0	41.484	4.71	0.0	47.767	4.037
170	4889	4890	SN	1	0.0	49.577	2.623	0.0	50.188	2.944	0.0	47.369	1.8	0.0	41.042	2.109	0.0	49.661	2.485	0.0	54.15	2.689	0.0	47.522	1.715	0.0	39.801	1.914
171	4889	4890	NS	1	0.0	48.636	7.582	0.0	50.862	6.177	0.0	40.895	5.285	0.0	44.489	4.792	0.0	49.321	6.802	0.0	51.388	5.556	0.0	40.858	4.518	0.0	43.57	4.101
172	4889	4890	NS	1	0.0	40.954	2.394	0.0	48.935	2.005	0.0	43.652	1.728	0.0	44.317	1.637	0.0	40.678	2.056	0.0	47.513	1.727	0.0	45.199	1.452	0.0	45.176	1.357
173	4889	4890	SN	1	0.0	52.569	7.98	0.0	53.803	8.731	0.0	49.232	5.879	0.0	42.775	6.67	0.0	51.931	7.796	0.0	50.925	8.45	0.0	45.608	5.553	0.0	45.045	6.123
174	4889	4890	NS	1	0.0	43.177	2.392	0.0	46.738	2.03	0.0	40.083	1.758	0.0	41.385	1.579	0.0	42.257	2.026	0.0	48.847	1.741	0.0	39.597	1.473	0.0	42.092	1.311
175	4890	4891	NS	1	0.0	48.587	2.651	0.0	42.284	2.058	0.0	41.093	1.715	0.0	40.966	1.617	0.0	47.307	2.342	0.0	43.002	1.802	0.0	43.485	1.458	0.0	36.329	1.409

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

176	4890	4891	SN	1	0.0	56.026	9.106	0.0	56.391	9.256	0.0	43.038	5.417	0.0	45.392	5.202	0.0	54.36	8.508	0.0	53.63	8.749	0.0	41.759	4.786	0.0	43.987	4.683
177	4890	4891	SN	1	0.0	42.501	2.651	0.0	56.339	2.472	0.0	42.406	1.377	0.0	36.958	1.331	0.0	45.969	2.211	0.0	54.007	2.17	0.0	42.359	1.186	0.0	36.274	1.109
178	4890	4891	NS	1	0.0	44.337	7.408	0.0	49.838	6.441	0.0	41.381	5.425	0.0	41.071	5.292	0.0	47.225	6.496	0.0	48.923	5.372	0.0	40.698	4.85	0.0	38.405	4.978
179	4890	4891	SN	1	0.0	56.026	8.766	0.0	56.391	8.499	0.0	43.038	5.323	0.0	45.392	4.847	0.0	54.36	8.244	0.0	53.63	8.065	0.0	41.759	4.637	0.0	43.987	4.309
180	4890	4891	SN	1	0.0	56.026	9.093	0.0	56.391	9.276	0.0	43.038	5.409	0.0	45.392	5.202	0.0	54.36	8.505	0.0	53.63	8.759	0.0	41.759	4.77	0.0	43.987	4.683
181	4890	4891	SN	1	0.0	46.786	2.679	0.0	56.339	2.623	0.0	46.345	1.403	0.0	38.279	1.46	0.0	45.969	2.259	0.0	54.007	2.309	0.0	42.93	1.228	0.0	39.309	1.26
182	4890	4891	SN	1	0.0	46.786	2.684	0.0	56.339	2.622	0.0	46.345	1.404	0.0	38.279	1.462	0.0	45.969	2.262	0.0	54.007	2.31	0.0	42.93	1.225	0.0	39.309	1.263
183	4891	4892	NS	1	0.0	52.652	8.481	0.0	57.151	7.558	0.0	45.824	6.36	0.0	46.255	6.189	0.0	52.679	8.045	0.0	56.85	6.988	0.0	47.06	6.076	0.0	45.825	5.697
184	4891	4892	SN	1	0.0	50.725	6.675	0.0	56.382	7.374	0.0	43.792	4.578	0.0	40.898	5.382	0.0	48.011	6.3	0.0	56.272	6.796	0.0	45.304	4.216	0.0	40.848	4.856
185	4891	4892	NS	1	0.0	57.982	8.43	0.0	49.674	7.527	0.0	46.507	6.325	0.0	44.99	6.125	0.0	53.784	8.005	0.0	50.498	6.988	0.0	47.582	5.998	0.0	46.733	5.683
186	4891	4892	NS	1	0.0	46.453	2.916	0.0	52.191	2.516	0.0	39.026	1.897	0.0	42.621	1.896	0.0	48.836	2.627	0.0	51.753	2.31	0.0	40.105	1.772	0.0	42.697	1.719
187	4891	4892	SN	1	0.0	50.995	2.029	0.0	53.662	2.455	0.0	42.17	1.36	0.0	39.484	1.622	0.0	48.674	1.801	0.0	51.907	2.195	0.0	42.032	1.272	0.0	39.762	1.443
188	4891	4892	SN	1	0.0	50.725	6.675	0.0	56.382	7.374	0.0	43.792	4.578	0.0	40.898	5.382	0.0	48.011	6.3	0.0	56.272	6.796	0.0	45.304	4.216	0.0	40.848	4.856
189	4891	4892	NS	1	0.0	46.319	2.921	0.0	48.042	2.543	0.0	48.788	1.89	0.0	39.455	1.898	0.0	49.333	2.627	0.0	47.915	2.324	0.0	49.352	1.731	0.0	40.452	1.699
190	4891	4892	SN	1	0.0	50.995	2.029	0.0	53.662	2.455	0.0	42.17	1.36	0.0	39.484	1.622	0.0	48.674	1.801	0.0	51.907	2.195	0.0	42.032	1.272	0.0	39.762	1.443
191	4892	4893	NS	1	0.0	52.152	9.065	0.0	47.143	6.79	0.0	43.43	5.982	0.0	46.916	5.428	0.0	50.029	8.113	0.0	46.545	6.283	0.0	44.523	5.542	0.0	47.425	4.937
192	4892	4893	NS	1	0.0	52.152	9.065	0.0	47.143	6.79	0.0	43.43	5.989	0.0	46.916	5.428	0.0	50.029	8.113	0.0	46.545	6.283	0.0	44.523	5.549	0.0	47.425	4.937
193	4892	4893	SN	1	0.0	51.333	3.08	0.0	46.88	3.572	0.0	38.946	2.18	0.0	45.374	2.595	0.0	47.715	2.371	0.0	46.911	2.862	0.0	39.601	1.882	0.0	43.34	2.325
194	4892	4893	NS	1	0.0	48.198	2.926	0.0	49.651	2.13	0.0	42.004	1.801	0.0	45.559	1.647	0.0	47.647	2.629	0.0	48.153	1.929	0.0	40.233	1.582	0.0	42.545	1.471
195	4892	4893	SN	1	0.0	37.92	1.031	0.0	48.367	0.984	0.0	44.379	0.696	0.0	40.219	0.844	0.0	38.421	0.794	0.0	46.131	0.799	0.0	45.38	0.611	0.0	39.914	0.683
196	4892	4893	SN	1	0.0	37.92	1.031	0.0	48.367	0.984	0.0	44.379	0.696	0.0	40.219	0.844	0.0	38.421	0.794	0.0	46.131	0.799	0.0	45.38	0.611	0.0	39.914	0.683
197	4892	4893	SN	1	0.0	51.333	3.08	0.0	46.88	3.572	0.0	38.946	2.18	0.0	45.374	2.595	0.0	47.715	2.371	0.0	46.911	2.862	0.0	39.601	1.882	0.0	43.34	2.325
198	4892	4893	NS	1	0.0	48.198	2.927	0.0	49.651	2.13	0.0	42.004	1.801	0.0	45.559	1.645	0.0	47.647	2.629	0.0	48.153	1.929	0.0	40.233	1.582	0.0	42.545	1.471
199	4893	4894	SN	1	0.0	49.738	1.563	0.0	44.451	1.611	0.0	44.478	1.084	0.0	37.549	1.141	0.0	49.174	1.245	0.0	43.618	1.329	0.0	44.003	0.898	0.0	39.685	0.905
200	4893	4894	NS	1	0.0	51.821	5.481	0.0	49.567	5.591	0.0	46.057	4.018	0.0	43.709	4.475	0.0	50.734	4.751	0.0	48.231	4.81	0.0	45.246	3.592	0.0	44.019	3.785
201	4893	4894	SN	1	0.0	55.104	5.307	0.0	52.695	5.191	0.0	48.84	3.52	0.0	47.692	3.931	0.0	53.991	4.557	0.0	54.316	4.42	0.0	47.689	3.052	0.0	43.505	3.248
202	4893	4894	NS	1	0.0	44.648	1.8	0.0	41.515	1.598	0.0	41.159	1.347	0.0	42.31	1.376	0.0	45.78	1.493	0.0	43.484	1.288	0.0	42.712	1.189	0.0	41.288	1.124
203	4894	4895	NS	1	0.0	52.711	6.962	0.463	49.979	5.587	0.0	41.846	4.551	0.0	39.716	3.994	0.0	54.695	5.979	0.841	49.894	4.823	0.0	40.154	3.869	0.0	40.924	3.473
204	4894	4895	NS	1	0.0	44.947	2.086	0.0	40.929	1.691	0.0	38.246	1.393	0.0	40.146	1.302	0.0	50.373	1.753	0.0	39.261	1.363	0.0	40.018	1.104	0.0	37.232	1.048
205	4894	4895	NS	1	0.0	52.711	7.06	0.463	49.979	5.648	0.0	41.846	4.625	0.0	39.716	4.046	0.0	54.695	6.062	0.841	49.894	4.886	0.0	40.154	3.925	0.0	40.924	3.518
206	4894	4895	NS	1	0.0	44.947	2.12	0.0	40.929	1.717	0.0	38.246	1.417	0.0	40.146	1.322	0.0	50.373	1.781	0.0	39.261	1.384	0.0	40.018	1.122	0.0	37.232	1.064
207	4894	4895	SN	1	0.0	54.249	1.526	0.0	44.962	1.385	0.0	42.689	1.086	0.0	45.875	1.092	0.0	49.7	1.319	0.0	46.424	1.198	0.0	40.916	0.934	0.0	43.702	0.971
208	4894	4895	SN	1	0.0	52.579	5.855	0.0	54.547	4.616	0.0	46.633	4.089	0.0	50.777	3.839	0.0	52.957	5.328	0.0	52.598	4.312	0.0	45.365	3.499	0.0	50.689	3.214
209	4895	4896	NS	1	0.0	52.36	6.482	0.0	43.236	6.294	0.0	43.096	5.186	0.0	48.532	5.395	0.0	51.663	6.573	0.0	41.086	6.041	0.0	42.233	5.03	0.0	47.401	5.047
210	4895	4896	NS	1	0.0	45.609	2.498	0.0	40.109	2.313	0.0	37.332	1.812	0.0	36.701	1.796	0.0	44.956	2.264	0.0	39.301	2.147	0.0	37.186	1.738	0.0	37.615	1.636
211	4895	4896	SN	1	0.0	50.937	5.288	0.0	45.739	4.636	0.0	44.892	4.152	0.0	47.385	3.896	0.0	49.613	4.346	0.0	47.273	3.815	0.0	41.35	3.35	0.0	47.514	3.356

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

212	4895	4896	NS	1	0.0	52.36	6.771	0.0	43.236	6.596	0.0	43.096	5.43	0.0	48.532	5.656	0.0	51.663	6.866	0.0	41.086	6.33	0.0	42.233	5.266	0.0	47.401	5.291
213	4895	4896	SN	1	0.0	44.171	1.644	0.0	41.042	1.449	0.0	43.296	1.206	0.0	44.987	1.193	0.0	44.434	1.238	0.0	40.287	1.128	0.0	41.047	1.024	0.0	45.836	0.945
214	4895	4896	NS	1	0.0	45.609	2.383	0.0	40.109	2.208	0.0	37.332	1.73	0.0	36.701	1.713	0.0	44.956	2.16	0.0	39.301	2.049	0.0	37.186	1.657	0.0	37.615	1.56
215	4896	4897	NS	1	0.0	50.54	3.269	0.0	52.425	2.788	0.0	38.65	2.362	0.0	39.226	2.195	0.0	50.331	2.82	0.0	49.896	2.412	0.0	36.166	2.085	0.0	42.744	1.875
216	4896	4897	NS	1	0.0	45.361	8.501	0.0	50.773	7.24	0.0	40.674	6.641	0.0	41.169	6.304	0.0	43.864	7.432	0.0	48.506	6.257	0.0	41.929	6.118	0.0	39.005	5.646

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	4869	4870	SN	1	0.0	27.112	10.312	0.0	26.152	9.975	0.0	143.009	4.348	0.0	14.157	4.424	0.0	1.917	0.0	0.0	1.931	0.0	0.0	2.073	0.0	0.0	2.079	0.0
2	4869	4870	SN	1	0.0	37.072	16.241	0.0	26.643	14.299	0.0	149.727	14.395	0.0	76.019	14.492	0.0	1.919	0.0	0.0	1.955	0.0	0.0	2.079	0.0	0.0	2.098	0.0
3	4869	4870	NS	1	0.0	25.088	14.617	0.0	38.274	15.6	0.0	354.639	13.828	0.0	37.265	13.252	0.0	1.904	0.0	0.0	1.911	0.0	0.0	2.038	0.0	0.0	2.05	0.0
4	4869	4870	SN	1	0.0	37.072	16.258	0.0	26.643	14.299	0.0	149.727	14.399	0.0	76.019	14.492	0.0	1.919	0.0	0.0	1.955	0.0	0.0	2.079	0.0	0.0	2.098	0.0
5	4869	4870	NS	1	0.0	26.064	9.517	0.0	27.161	9.901	0.0	354.639	3.659	0.0	63.924	3.82	0.0	1.897	0.0	0.0	1.907	0.0	0.0	2.032	0.0	0.0	2.048	0.0
6	4869	4870	NS	1	0.0	26.064	9.517	0.0	27.161	9.901	0.0	354.639	3.659	0.0	63.924	3.82	0.0	1.897	0.0	0.0	1.907	0.0	0.0	2.032	0.0	0.0	2.048	0.0
7	4869	4870	NS	1	0.0	25.088	14.617	0.0	38.274	15.6	0.0	354.639	13.828	0.0	37.265	13.252	0.0	1.904	0.0	0.0	1.911	0.0	0.0	2.038	0.0	0.0	2.05	0.0
8	4869	4870	SN	1	0.0	27.112	10.224	0.0	26.152	9.964	0.0	143.009	4.258	0.0	57.803	4.5	0.0	1.917	0.0	0.0	1.931	0.0	0.0	2.073	0.0	0.0	2.079	0.0
9	4869	4870	SN	1	0.0	27.112	10.227	0.0	26.152	9.961	0.0	143.009	4.259	0.0	65.645	4.507	0.0	1.917	0.0	0.0	1.931	0.0	0.0	2.073	0.0	0.0	2.079	0.0
10	4869	4870	SN	1	0.0	37.072	16.266	0.0	26.643	14.02	0.0	149.727	14.612	0.0	15.519	14.12	0.0	1.919	0.0	0.0	1.955	0.0	0.0	2.079	0.0	0.0	2.098	0.0
11	4870	4871	SN	1	0.0	37.27	16.231	0.0	26.665	14.129	0.0	147.333	14.515	0.0	19.341	14.357	0.0	1.916	0.0	0.0	1.926	0.0	0.0	2.078	0.0	0.0	2.093	0.0
12	4870	4871	NS	1	0.0	26.047	9.488	0.0	27.084	9.886	0.0	133.339	3.642	0.0	60.422	3.764	0.0	1.898	0.0	0.0	1.901	0.0	0.0	2.034	0.0	0.0	2.047	0.0
13	4870	4871	SN	1	0.0	27.426	10.206	0.0	26.147	9.952	0.0	144.344	4.261	0.0	77.684	4.519	0.0	1.916	0.0	0.0	1.933	0.0	0.0	2.073	0.0	0.0	2.086	0.0
14	4870	4871	NS	1	0.0	26.047	9.493	0.0	27.084	9.883	0.0	133.345	3.648	0.0	64.818	3.764	0.0	1.898	0.0	0.0	1.907	0.0	0.0	2.034	0.0	0.0	2.047	0.0
15	4870	4871	NS	1	0.0	25.226	14.585	0.0	38.285	15.617	0.0	140.928	13.742	0.0	41.947	13.274	0.0	1.901	0.0	0.0	1.914	0.0	0.0	2.041	0.0	0.0	2.05	0.0
16	4870	4871	SN	1	0.0	37.27	16.233	0.0	26.665	14.294	0.0	147.333	14.392	0.0	67.741	14.557	0.0	1.916	0.0	0.0	1.926	0.0	0.0	2.078	0.0	0.0	2.093	0.0
17	4870	4871	SN	1	0.0	37.27	16.231	0.0	26.665	14.129	0.0	147.333	14.515	0.0	19.341	14.357	0.0	1.916	0.0	0.0	1.926	0.0	0.0	2.078	0.0	0.0	2.093	0.0
18	4870	4871	SN	1	0.0	27.426	10.256	0.0	26.147	9.965	0.0	144.344	4.309	0.0	14.179	4.428	0.0	1.916	0.0	0.0	1.933	0.0	0.0	2.073	0.0	0.0	2.086	0.0
19	4870	4871	SN	1	0.0	27.426	10.256	0.0	26.147	9.965	0.0	144.344	4.309	0.0	14.179	4.428	0.0	1.916	0.0	0.0	1.933	0.0	0.0	2.073	0.0	0.0	2.086	0.0
20	4870	4871	NS	1	0.0	25.226	14.575	0.0	38.285	15.607	0.0	140.928	13.728	0.0	41.936	13.281	0.0	1.902	0.0	0.0	1.914	0.0	0.0	2.041	0.0	0.0	2.05	0.0
21	4871	4872	SN	1	0.0	37.485	16.224	0.0	26.682	14.213	0.0	159.836	14.44	0.0	78.991	14.518	0.0	1.913	0.0	0.0	1.952	0.0	0.0	2.079	0.0	0.0	2.083	0.0
22	4871	4872	SN	1	0.0	37.485	16.233	0.0	26.682	14.213	0.0	159.836	14.453	0.0	78.991	14.511	0.0	1.913	0.0	0.0	1.952	0.0	0.0	2.079	0.0	0.0	2.083	0.0
23	4871	4872	NS	1	0.0	25.055	14.611	0.0	38.076	15.617	0.0	140.966	13.784	0.0	47.341	13.25	0.0	1.902	0.0	0.0	1.913	0.0	0.0	2.04	0.0	0.0	2.049	0.0
24	4871	4872	SN	1	0.0	27.393	10.202	0.0	26.158	9.98	0.0	139.303	4.276	0.0	70.107	4.52	0.0	1.918	0.0	0.0	1.933	0.0	0.0	2.072	0.0	0.0	2.094	0.0
25	4871	4872	SN	1	0.0	27.393	10.206	0.0	26.158	9.984	0.0	139.303	4.28	0.0	44.677	4.513	0.0	1.918	0.0	0.0	1.933	0.0	0.0	2.072	0.0	0.0	2.094	0.0
26	4871	4872	SN	1	0.0	37.485	16.243	0.0	26.682	14.062	0.0	159.836	14.589	0.0	17.847	14.297	0.0	1.913	0.0	0.0	1.952	0.0	0.0	2.079	0.0	0.0	2.083	0.0
27	4871	4872	NS	1	0.0	26.047	9.468	0.0	27.139	9.88	0.0	136.334	3.62	0.0	59.81	3.709	0.0	1.897	0.0	0.0	1.909	0.0	0.0	2.032	0.0	0.0	2.046	0.0
28	4871	4872	SN	1	0.0	27.393	10.259	0.0	26.158	9.992	0.0	139.303	4.339	0.0	14.168	4.434	0.0	1.918	0.0	0.0	1.933	0.0	0.0	2.072	0.0	0.0	2.094	0.0
29	4872	4873	SN	1	0.0	27.183	10.213	0.0	226.087	9.981	0.0	190.549	4.301	0.0	62.609	4.53	0.0	1.921	0.0	0.0	1.933	0.0	0.0	2.074	0.0	0.0	2.085	0.0
30	4872	4873	NS	1	0.0	25.237	14.597	0.0	38.302	15.63	0.0	354.656	13.807	0.0	37.138	13.237	0.0	1.902	0.0	0.0	1.911	0.0	0.0	2.038	0.0	0.0	2.05	0.0
31	4872	4873	NS	1	0.0	26.047	9.479	0.0	27.15	9.89	0.0	352.318	3.638	0.0	63.538	3.748	0.0	1.898	0.0	0.0	1.907	0.0	0.0	2.032	0.0	0.0	2.046	0.0

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

32	4872	4873	SN	1	0.0	27.183	10.217	0.0	226.087	9.985	0.0	190.549	4.301	0.0	57.72	4.525	0.0	1.921	0.0	0.0	1.933	0.0	0.0	2.074	0.0	0.0	2.085	0.0
33	4872	4873	SN	1	0.0	37.022	16.252	0.0	54.921	13.99	0.0	150.223	14.642	0.0	15.514	14.077	0.0	1.911	0.0	0.0	1.923	0.0	0.0	2.079	0.0	0.0	2.066	0.0
34	4872	4873	SN	1	0.0	37.022	16.233	0.0	54.921	14.229	0.0	150.223	14.415	0.0	75.451	14.449	0.0	1.911	0.0	0.0	1.923	0.0	0.0	2.079	0.0	0.0	2.066	0.0
35	4872	4873	NS	1	0.0	26.047	9.484	0.0	27.156	9.894	0.0	352.318	3.646	0.0	63.577	3.752	0.0	1.898	0.0	0.0	1.908	0.0	0.0	2.032	0.0	0.0	2.046	0.0
36	4872	4873	SN	1	0.0	37.022	16.246	0.0	54.921	14.229	0.0	150.223	14.415	0.0	75.451	14.449	0.0	1.911	0.0	0.0	1.923	0.0	0.0	2.079	0.0	0.0	2.066	0.0
37	4872	4873	SN	1	0.0	27.183	10.312	0.0	226.087	9.996	0.0	190.549	4.396	0.0	14.168	4.445	0.0	1.921	0.0	0.0	1.933	0.0	0.0	2.074	0.0	0.0	2.085	0.0
38	4872	4873	NS	1	0.0	25.237	14.587	0.0	38.302	15.62	0.0	354.656	13.814	0.0	37.127	13.23	0.0	1.903	0.0	0.0	1.905	0.0	0.0	2.038	0.0	0.0	2.05	0.0
39	4873	4874	NS	1	0.0	26.047	9.512	0.0	27.068	9.884	0.0	166.473	3.647	0.0	60.45	3.777	0.0	1.899	0.0	0.0	1.911	0.0	0.0	2.033	0.0	0.0	2.047	0.0
40	4873	4874	SN	1	0.0	33.939	16.241	0.0	26.626	14.268	0.0	172.724	14.44	0.0	79.173	14.515	0.0	1.913	0.0	0.0	1.937	0.0	0.0	2.078	0.0	0.0	2.097	0.0
41	4873	4874	SN	1	0.0	27.31	10.173	0.0	26.158	9.986	0.0	181.317	4.277	0.0	88.615	4.521	0.0	1.921	0.0	0.0	1.933	0.0	0.0	2.073	0.0	0.0	2.092	0.0
42	4873	4874	SN	1	0.0	27.31	10.179	0.0	26.158	9.988	0.0	181.317	4.279	0.0	56.777	4.509	0.0	1.921	0.0	0.0	1.933	0.0	0.0	2.073	0.0	0.0	2.092	0.0
43	4873	4874	NS	1	0.0	25.253	14.614	0.0	38.258	15.605	0.0	177.007	13.861	0.0	40.469	13.214	0.0	1.903	0.0	0.0	1.911	0.0	0.0	2.039	0.0	0.0	2.05	0.0
44	4873	4874	NS	1	0.0	25.253	14.625	0.0	38.258	15.604	0.0	177.007	13.868	0.0	40.48	13.193	0.0	1.903	0.0	0.0	1.912	0.0	0.0	2.038	0.0	0.0	2.05	0.0
45	4873	4874	SN	1	0.0	33.939	16.246	0.0	26.626	14.268	0.0	172.724	14.459	0.0	79.173	14.515	0.0	1.913	0.0	0.0	1.937	0.0	0.0	2.078	0.0	0.0	2.097	0.0
46	4873	4874	NS	1	0.0	26.047	9.521	0.0	27.068	9.872	0.0	166.479	3.65	0.0	60.477	3.774	0.0	1.898	0.0	0.0	1.912	0.0	0.0	2.033	0.0	0.0	2.047	0.0
47	4873	4874	SN	1	0.0	27.31	10.324	0.0	26.158	10.008	0.0	181.317	4.419	0.0	14.163	4.481	0.0	1.921	0.0	0.0	1.933	0.0	0.0	2.073	0.0	0.0	2.092	0.0
48	4873	4874	SN	1	0.0	33.939	16.267	0.0	26.626	13.816	0.0	172.724	14.784	0.0	14.367	14.03	0.0	1.913	0.0	0.0	1.937	0.0	0.0	2.078	0.0	0.0	2.097	0.0
49	4874	4875	SN	1	0.0	37.397	16.236	0.0	26.682	14.255	0.0	162.516	14.443	0.0	67.123	14.504	0.0	1.906	0.0	0.0	1.959	0.0	0.0	2.079	0.0	0.0	2.092	0.0
50	4874	4875	NS	1	0.0	25.242	14.564	0.689	38.026	15.651	0.0	185.152	13.906	0.0	35.908	13.301	0.0	1.902	0.0	0.0	1.905	0.0	0.0	2.039	0.0	0.0	2.05	0.0
51	4874	4875	NS	1	0.0	25.242	14.564	0.689	38.026	15.62	0.0	185.18	13.912	0.0	35.886	13.315	0.0	1.903	0.0	0.0	1.902	0.0	0.0	2.039	0.0	0.0	2.05	0.0
52	4874	4875	SN	1	0.0	27.316	10.171	0.0	26.158	9.989	0.0	161.43	4.301	0.0	49.492	4.495	0.0	1.921	0.0	0.0	1.934	0.0	0.0	2.073	0.0	0.0	2.084	0.0
53	4874	4875	SN	1	0.0	37.397	16.241	0.0	26.682	14.255	0.0	162.516	14.451	0.0	67.123	14.504	0.0	1.906	0.0	0.0	1.959	0.0	0.0	2.079	0.0	0.0	2.092	0.0
54	4874	4875	SN	1	0.0	37.397	16.317	0.0	26.682	13.782	0.0	162.516	14.935	0.0	14.372	13.915	0.0	1.906	0.0	0.0	1.959	0.0	0.0	2.079	0.0	0.0	2.092	0.0
55	4874	4875	NS	1	0.0	26.058	9.514	0.0	27.128	9.878	0.0	179.522	3.686	0.0	60.097	3.809	0.0	1.898	0.0	0.0	1.902	0.0	0.0	2.033	0.0	0.0	2.047	0.0
56	4874	4875	SN	1	0.0	27.316	10.17	0.0	26.158	9.986	0.0	161.43	4.298	0.0	55.486	4.504	0.0	1.921	0.0	0.0	1.934	0.0	0.0	2.073	0.0	0.0	2.084	0.0
57	4874	4875	NS	1	0.0	26.058	9.528	0.0	27.128	9.885	0.0	179.555	3.688	0.0	60.025	3.795	0.0	1.899	0.0	0.0	1.909	0.0	0.0	2.033	0.0	0.0	2.046	0.0
58	4874	4875	SN	1	0.0	27.316	10.394	0.0	26.158	10.028	0.0	161.43	4.517	0.0	14.151	4.499	0.0	1.921	0.0	0.0	1.934	0.0	0.0	2.073	0.0	0.0	2.084	0.0
59	4875	4876	SN	1	0.0	27.2	10.197	0.0	26.152	9.978	0.0	139.077	4.293	0.0	58.972	4.433	0.0	1.921	0.0	0.0	1.932	0.0	0.0	2.073	0.0	0.0	2.096	0.0
60	4875	4876	NS	1	0.0	26.042	9.521	0.0	27.178	9.911	0.0	352.478	3.692	0.0	68.827	3.845	0.0	1.897	0.0	0.0	1.901	0.0	0.0	2.032	0.0	0.0	2.048	0.0
61	4875	4876	SN	1	0.0	37.138	16.274	0.0	26.632	13.703	0.0	147.438	15.118	0.0	14.361	13.779	0.0	1.908	0.0	0.0	1.93	0.0	0.0	2.078	0.0	0.0	2.079	0.0
62	4875	4876	SN	1	0.0	37.138	16.113	0.0	26.632	14.251	0.0	147.554	14.395	0.0	76.306	14.406	0.0	1.905	0.0	0.0	1.926	0.0	0.0	2.078	0.0	0.0	2.079	0.0
63	4875	4876	NS	1	0.0	25.242	14.494	0.0	38.274	15.642	0.0	354.744	13.818	0.0	37.932	13.381	0.0	1.904	0.0	0.0	1.908	0.0	0.0	2.038	0.0	0.0	2.05	0.0
64	4875	4876	SN	1	0.0	27.2	10.51	0.0	26.147	10.063	0.0	137.478	4.611	0.0	14.124	4.481	0.0	1.92	0.0	0.0	1.933	0.0	0.0	2.073	0.0	0.0	2.096	0.0
65	4875	4876	NS	1	0.0	25.242	14.504	0.0	38.269	15.642	0.0	354.733	13.818	0.0	37.899	13.388	0.0	1.905	0.0	0.0	1.917	0.0	0.0	2.038	0.0	0.0	2.051	0.0
66	4875	4876	SN	1	0.0	37.138	16.105	0.0	26.632	14.232	0.0	147.438	14.403	0.0	76.306	14.427	0.0	1.908	0.0	0.0	1.93	0.0	0.0	2.078	0.0	0.0	2.079	0.0
67	4875	4876	SN	1	0.0	27.2	10.201	0.0	26.147	9.968	0.0	137.478	4.292	0.0	63.238	4.443	0.0	1.92	0.0	0.0	1.933	0.0	0.0	2.073	0.0	0.0	2.096	0.0
68	4875	4876	NS	1	0.0	26.053	9.532	0.0	27.178	9.895	0.0	352.461	3.685	0.0	68.722	3.85	0.0	1.899	0.0	0.0	1.9	0.0	0.0	2.032	0.0	0.0	2.047	0.0

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

69	4876	4877	SN	1	0.0	27.233	10.586	0.0	26.147	10.155	0.0	141.046	4.745	0.0	14.135	4.475	0.0	1.917	0.0	0.0	1.932	0.0	0.0	2.071	0.0	0.0	2.095	0.0
70	4876	4877	SN	1	0.0	37.32	16.15	0.0	26.626	14.3	0.0	146.412	14.271	0.0	62.849	14.438	0.0	1.911	0.0	0.0	1.955	0.0	0.0	2.077	0.0	0.0	2.093	0.0
71	4876	4877	SN	1	0.0	37.32	16.464	0.0	26.626	13.679	0.0	146.412	15.279	0.0	14.378	13.756	0.0	1.911	0.0	0.0	1.955	0.0	0.0	2.077	0.0	0.0	2.093	0.0
72	4876	4877	NS	1	0.0	25.082	14.562	0.0	37.993	15.572	0.0	140.111	13.842	0.0	50.766	13.356	0.0	1.903	0.0	0.0	1.904	0.0	0.0	2.038	0.0	0.0	2.051	0.0
73	4876	4877	NS	1	0.0	25.286	14.572	0.0	37.993	15.592	0.0	140.271	13.842	0.0	45.736	13.391	0.0	1.904	0.0	0.0	1.9	0.0	0.0	2.04	0.0	0.0	2.05	0.0
74	4876	4877	SN	1	0.0	37.32	16.145	0.0	26.621	14.31	0.0	146.523	14.251	0.0	62.849	14.431	0.0	1.913	0.0	0.0	1.958	0.0	0.0	2.078	0.0	0.0	2.092	0.0
75	4876	4877	NS	1	0.0	26.058	9.551	0.0	27.04	9.894	0.0	128.127	3.677	0.0	61.542	3.818	0.0	1.899	0.0	0.0	1.899	0.0	0.0	2.033	0.0	0.0	2.051	0.0
76	4876	4877	NS	1	0.0	26.058	9.553	0.0	27.04	9.892	0.0	127.901	3.677	0.0	61.636	3.816	0.0	1.898	0.0	0.0	1.906	0.0	0.0	2.033	0.0	0.0	2.047	0.0
77	4876	4877	SN	1	0.0	27.233	10.192	0.0	26.147	9.984	0.0	141.19	4.288	0.0	42.565	4.379	0.0	1.917	0.0	0.0	1.932	0.0	0.0	2.071	0.0	0.0	2.096	0.0
78	4876	4877	SN	1	0.0	27.233	10.184	0.0	26.147	9.978	0.0	141.046	4.305	0.0	77.323	4.392	0.0	1.917	0.0	0.0	1.932	0.0	0.0	2.071	0.0	0.0	2.095	0.0
79	4877	4878	NS	1	0.0	26.069	9.543	0.0	27.145	9.901	0.0	140.321	3.666	0.0	57.053	3.845	0.0	1.899	0.0	0.0	1.901	0.0	0.0	2.034	0.0	0.0	2.049	0.0
80	4877	4878	NS	1	0.0	25.248	14.525	0.0	38.081	15.62	0.0	140.321	13.916	0.0	36.211	13.393	0.0	1.902	0.0	0.0	1.909	0.0	0.0	2.038	0.0	0.0	2.053	0.0
81	4877	4878	SN	1	0.0	27.161	10.218	0.0	26.136	9.994	0.0	145.96	4.311	0.0	70.89	4.366	0.0	1.916	0.0	0.0	1.934	0.0	0.0	2.072	0.0	0.0	2.099	0.0
82	4877	4878	NS	1	0.0	26.069	9.543	0.0	27.145	9.901	0.0	140.321	3.666	0.0	57.053	3.845	0.0	1.899	0.0	0.0	1.901	0.0	0.0	2.034	0.0	0.0	2.049	0.0
83	4877	4878	NS	1	0.0	25.248	14.525	0.0	38.081	15.62	0.0	140.321	13.916	0.0	36.211	13.393	0.0	1.902	0.0	0.0	1.909	0.0	0.0	2.038	0.0	0.0	2.053	0.0
84	4877	4878	SN	1	0.0	37.463	16.17	0.0	26.61	14.286	0.0	158.236	14.165	0.0	79.945	14.536	0.0	1.909	0.0	0.0	1.922	0.0	0.0	2.078	0.0	0.0	2.104	0.0
85	4878	4879	NS	1	0.0	25.038	14.48	0.0	38.263	15.635	0.0	145.709	13.917	0.0	81.545	13.455	0.0	1.902	0.0	0.0	1.914	0.0	0.0	2.039	0.0	0.0	2.052	0.0
86	4878	4879	NS	1	0.0	26.047	9.536	0.0	27.167	9.897	0.0	136.207	3.711	0.0	63.654	3.831	0.0	1.897	0.0	0.0	1.902	0.0	0.0	2.035	0.0	0.0	2.046	0.0
87	4878	4879	SN	1	0.0	27.299	10.189	0.0	26.141	9.966	0.0	149.484	4.278	0.0	63.221	4.358	0.0	1.918	0.0	0.0	1.931	0.0	0.0	2.072	0.0	0.0	2.096	0.0
88	4878	4879	SN	1	0.0	37.16	16.083	0.0	26.632	14.284	0.0	143.252	14.253	0.0	75.771	14.441	0.0	1.904	0.0	0.0	1.955	0.0	0.0	2.077	0.0	0.0	2.082	0.0
89	4879	4880	NS	1	0.0	26.053	9.557	0.0	27.101	9.894	0.0	129.418	3.663	0.0	21.078	3.786	0.0	1.897	0.0	0.0	1.901	0.0	0.0	2.034	0.0	0.0	2.048	0.0
90	4879	4880	NS	1	0.0	25.215	14.608	0.0	37.96	15.625	0.0	142.4	13.861	0.0	83.938	13.442	0.0	1.901	0.0	0.0	1.907	0.0	0.0	2.04	0.0	0.0	2.053	0.0
91	4879	4880	NS	1	0.0	25.215	14.611	0.0	37.96	15.552	0.0	142.4	13.894	0.0	29.141	13.361	0.0	1.901	0.0	0.0	1.907	0.0	0.0	2.04	0.0	0.0	2.053	0.0
92	4879	4880	SN	1	0.0	27.255	10.193	0.0	26.13	9.971	0.0	154.111	4.276	0.0	77.668	4.389	0.0	1.92	0.0	0.0	1.926	0.0	0.0	2.074	0.0	0.0	2.096	0.0
93	4879	4880	SN	1	0.0	37.177	16.143	0.0	26.626	14.274	0.0	162.329	14.265	0.0	68.187	14.469	0.0	1.906	0.0	0.0	1.955	0.0	0.0	2.077	0.0	0.0	2.082	0.0
94	4879	4880	NS	1	0.0	26.053	9.554	0.0	27.101	9.897	0.0	129.418	3.66	0.0	61.183	3.818	0.0	1.897	0.0	0.0	1.901	0.0	0.0	2.034	0.0	0.0	2.048	0.0
95	4880	4881	SN	1	0.0	27.338	10.198	0.0	26.147	9.998	0.0	184.918	4.293	0.0	75.542	4.364	0.0	1.917	0.0	0.0	1.923	0.0	0.0	2.074	0.0	0.0	2.095	0.0
96	4880	4881	NS	1	0.0	25.226	14.616	0.0	31.59	15.278	0.0	133.99	13.997	0.0	15.955	13.003	0.0	1.902	0.0	0.0	1.914	0.0	0.0	2.04	0.0	0.0	2.053	0.0
97	4880	4881	NS	1	0.0	26.064	9.564	0.0	27.145	9.911	0.0	307.773	3.664	0.0	60.919	3.842	0.0	1.9	0.0	0.0	1.907	0.0	0.0	2.034	0.0	0.0	2.051	0.0
98	4880	4881	SN	1	0.0	37.441	16.133	0.0	26.648	14.241	0.0	194.31	14.221	0.0	83.85	14.446	0.0	1.908	0.0	0.0	1.923	0.0	0.0	2.077	0.0	0.0	2.058	0.0
99	4880	4881	NS	1	0.0	25.226	14.551	0.0	38.042	15.644	0.0	133.99	13.835	0.0	37.331	13.456	0.0	1.902	0.0	0.0	1.914	0.0	0.0	2.04	0.0	0.0	2.053	0.0
100	4880	4881	NS	1	0.0	26.064	9.594	0.0	25.099	9.878	0.0	307.773	3.728	0.0	12.993	3.688	0.0	1.9	0.0	0.0	1.907	0.0	0.0	2.034	0.0	0.0	2.051	0.0
101	4881	4882	NS	1	0.0	26.064	9.719	0.0	24.327	9.831	0.0	340.091	3.846	0.0	13.01	3.687	0.0	1.897	0.0	0.0	1.899	0.0	0.0	2.036	0.0	0.0	2.048	0.0
102	4881	4882	SN	1	0.0	27.15	10.196	0.0	26.141	10.003	0.0	188.784	4.302	0.0	67.628	4.354	0.0	1.923	0.0	0.0	1.926	0.0	0.0	2.07	0.0	0.0	2.092	0.0
103	4881	4882	NS	1	0.0	26.064	9.585	0.0	27.062	9.9	0.0	340.091	3.67	0.0	83.481	3.861	0.0	1.897	0.0	0.0	1.899	0.0	0.0	2.036	0.0	0.0	2.048	0.0
104	4881	4882	NS	1	0.0	25.281	14.458	0.0	38.235	15.594	0.0	337.929	13.796	0.0	104.195	13.487	0.0	1.902	0.0	0.0	1.925	0.0	0.0	2.041	0.0	0.0	2.054	0.0
105	4881	4882	NS	1	0.0	25.281	14.59	0.0	29.621	15.063	0.0	337.929	14.213	0.0	14.3	12.738	0.0	1.902	0.0	0.0	1.925	0.0	0.0	2.041	0.0	0.0	2.054	0.0

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

106	4881	4882	SN	1	0.0	37.0	16.147	0.0	26.648	14.35	0.0	192.771	14.223	0.0	76.714	14.456	0.0	1.912	0.0	0.0	1.94	0.0	0.0	2.08	0.0	0.0	2.099	0.0
107	4882	4883	NS	1	0.0	25.226	14.791	0.0	29.489	14.91	0.0	353.884	14.478	0.0	14.339	12.517	0.0	1.902	0.0	0.0	1.913	0.0	0.0	2.041	0.0	0.0	2.053	0.0
108	4882	4883	NS	1	0.0	26.075	9.842	0.0	24.321	9.894	0.0	338.784	3.938	0.0	12.999	3.756	0.0	1.897	0.0	0.0	1.908	0.0	0.0	2.036	0.0	0.0	2.049	0.0
109	4883	4884	SN	1	0.0	26.83	10.479	0.0	26.114	10.012	0.0	144.736	4.452	0.0	14.113	4.303	0.0	1.914	0.0	0.0	1.926	0.0	0.0	2.07	0.0	0.0	2.087	0.0
110	4883	4884	SN	1	0.0	36.074	16.114	0.0	26.61	13.814	0.0	153.113	14.423	0.0	14.422	13.9	0.0	1.912	0.0	0.0	1.929	0.0	0.0	2.077	0.0	0.0	2.073	0.0
111	4883	4884	SN	1	0.0	36.074	16.066	0.0	26.61	14.213	0.0	153.113	13.968	0.0	80.74	14.419	0.0	1.912	0.0	0.0	1.929	0.0	0.0	2.077	0.0	0.0	2.073	0.0
112	4883	4884	SN	1	0.0	37.452	16.071	0.0	26.61	14.234	0.0	153.113	13.979	0.0	80.74	14.426	0.0	1.912	0.0	0.0	1.929	0.0	0.0	2.077	0.0	0.0	2.073	0.0
113	4883	4884	SN	1	0.0	27.228	10.249	0.0	26.114	9.977	0.0	144.736	4.248	0.0	61.465	4.318	0.0	1.914	0.0	0.0	1.926	0.0	0.0	2.07	0.0	0.0	2.087	0.0
114	4883	4884	SN	1	0.0	26.83	10.246	0.0	26.114	9.95	0.0	144.736	4.245	0.0	76.832	4.325	0.0	1.914	0.0	0.0	1.926	0.0	0.0	2.07	0.0	0.0	2.087	0.0
115	4884	4885	NS	1	0.0	229.62	14.474	0.0	38.247	15.641	0.0	354.81	13.718	0.0	38.677	13.501	0.0	1.901	0.0	0.0	1.921	0.0	0.0	2.039	0.0	0.0	2.054	0.0
116	4884	4885	SN	1	0.0	37.199	16.078	0.0	26.632	14.134	0.0	145.557	14.127	0.0	89.699	14.154	0.0	1.908	0.0	0.0	1.933	0.0	0.0	2.076	0.0	0.0	2.07	0.0
117	4884	4885	NS	1	0.0	229.62	14.474	0.0	38.247	15.641	0.0	354.81	13.718	0.0	38.677	13.501	0.0	1.901	0.0	0.0	1.921	0.0	0.0	2.039	0.0	0.0	2.054	0.0
118	4884	4885	SN	1	0.0	27.327	10.263	0.0	26.136	9.978	0.0	141.763	4.275	0.0	88.033	4.344	0.0	1.915	0.0	0.0	1.927	0.0	0.0	2.071	0.0	0.0	2.096	0.0
119	4884	4885	SN	1	0.0	27.327	10.266	0.0	26.136	9.981	0.0	141.763	4.275	0.0	88.033	4.339	0.0	1.915	0.0	0.0	1.927	0.0	0.0	2.071	0.0	0.0	2.096	0.0
120	4884	4885	NS	1	0.0	229.311	9.574	0.0	27.161	9.902	0.0	354.81	3.657	0.0	66.246	3.871	0.0	1.898	0.0	0.0	1.899	0.0	0.0	2.035	0.0	0.0	2.051	0.0
121	4884	4885	NS	1	0.0	229.311	9.574	0.0	27.161	9.902	0.0	354.81	3.657	0.0	66.246	3.871	0.0	1.898	0.0	0.0	1.899	0.0	0.0	2.035	0.0	0.0	2.051	0.0
122	4884	4885	SN	1	0.0	27.327	10.324	0.0	26.136	9.985	0.0	141.763	4.335	0.0	88.033	4.244	0.0	1.915	0.0	0.0	1.927	0.0	0.0	2.071	0.0	0.0	2.096	0.0
123	4884	4885	SN	1	0.0	37.199	16.096	0.0	26.632	14.284	0.0	145.557	13.988	0.0	89.699	14.406	0.0	1.908	0.0	0.0	1.933	0.0	0.0	2.076	0.0	0.0	2.07	0.0
124	4884	4885	SN	1	0.0	37.199	16.072	0.0	26.632	14.284	0.0	145.557	13.996	0.0	89.699	14.406	0.0	1.908	0.0	0.0	1.933	0.0	0.0	2.076	0.0	0.0	2.07	0.0
125	4885	4886	SN	1	0.0	36.316	16.143	0.0	26.599	14.196	0.0	150.764	14.207	0.0	19.424	14.236	0.0	1.914	0.0	0.0	1.923	0.0	0.0	2.076	0.0	0.0	2.101	0.0
126	4885	4886	NS	1	0.0	25.264	14.501	0.0	38.269	15.572	0.0	139.571	13.879	0.0	50.374	13.448	0.0	1.903	0.0	0.0	1.908	0.0	0.0	2.039	0.0	0.0	2.052	0.0
127	4885	4886	NS	1	0.0	25.264	14.501	0.0	38.263	15.572	0.0	139.588	13.879	0.0	50.363	13.47	0.0	1.903	0.0	0.0	1.908	0.0	0.0	2.039	0.0	0.0	2.052	0.0
128	4885	4886	SN	1	0.0	36.316	16.143	0.0	26.599	14.196	0.0	150.764	14.207	0.0	19.424	14.236	0.0	1.914	0.0	0.0	1.923	0.0	0.0	2.076	0.0	0.0	2.101	0.0
129	4885	4886	SN	1	0.0	36.316	16.152	0.0	26.599	14.351	0.0	150.764	14.087	0.0	63.202	14.445	0.0	1.914	0.0	0.0	1.923	0.0	0.0	2.076	0.0	0.0	2.101	0.0
130	4885	4886	NS	1	0.0	26.053	9.539	0.0	27.051	9.893	0.0	352.825	3.634	0.0	62.7	3.857	0.0	1.898	0.0	0.0	1.905	0.0	0.0	2.037	0.0	0.0	2.047	0.0
131	4885	4886	NS	1	0.0	26.053	9.537	0.0	27.051	9.891	0.0	352.825	3.638	0.0	62.678	3.855	0.0	1.898	0.0	0.0	1.904	0.0	0.0	2.037	0.0	0.0	2.047	0.0
132	4885	4886	SN	1	0.0	27.36	10.292	0.0	26.141	9.986	0.0	148.552	4.34	0.0	14.124	4.274	0.0	1.915	0.0	0.0	1.926	0.0	0.0	2.07	0.0	0.0	2.099	0.0
133	4885	4886	SN	1	0.0	27.36	10.292	0.0	26.141	9.989	0.0	148.552	4.34	0.0	14.124	4.278	0.0	1.915	0.0	0.0	1.926	0.0	0.0	2.07	0.0	0.0	2.099	0.0
134	4885	4886	SN	1	0.0	27.36	10.238	0.0	26.141	9.98	0.0	148.552	4.284	0.0	77.847	4.37	0.0	1.915	0.0	0.0	1.926	0.0	0.0	2.07	0.0	0.0	2.099	0.0
135	4886	4887	SN	1	0.0	37.403	16.148	0.0	26.615	14.276	0.0	156.383	14.177	0.0	75.021	14.49	0.0	1.908	0.0	0.0	1.963	0.0	0.0	2.078	0.0	0.0	2.092	0.0
136	4886	4887	SN	1	0.0	37.403	16.145	0.0	26.615	14.1	0.0	156.383	14.348	0.0	16.975	14.218	0.0	1.908	0.0	0.0	1.963	0.0	0.0	2.078	0.0	0.0	2.092	0.0
137	4886	4887	SN	1	0.0	27.189	10.248	0.0	26.13	9.981	0.0	144.289	4.301	0.0	72.376	4.383	0.0	1.916	0.0	0.0	1.928	0.0	0.0	2.072	0.0	0.0	2.097	0.0
138	4886	4887	SN	1	0.0	27.189	10.248	0.0	26.13	9.987	0.0	144.289	4.303	0.0	50.175	4.373	0.0	1.916	0.0	0.0	1.928	0.0	0.0	2.072	0.0	0.0	2.097	0.0
139	4886	4887	SN	1	0.0	37.403	16.152	0.0	26.615	14.276	0.0	156.383	14.183	0.0	75.021	14.49	0.0	1.908	0.0	0.0	1.963	0.0	0.0	2.078	0.0	0.0	2.092	0.0
140	4886	4887	NS	1	0.0	25.253	14.403	0.695	38.076	15.6	0.0	138.551	13.872	0.0	36.598	13.472	0.0	1.901	0.0	0.0	1.922	0.0	0.0	2.041	0.0	0.0	2.052	0.0
141	4886	4887	NS	1	0.0	25.253	14.403	0.695	38.076	15.6	0.0	138.551	13.872	0.0	36.598	13.472	0.0	1.901	0.0	0.0	1.922	0.0	0.0	2.041	0.0	0.0	2.052	0.0
142	4886	4887	NS	1	0.0	26.08	9.559	0.0	27.161	9.892	0.0	351.772	3.64	0.0	58.117	3.871	0.0	1.897	0.0	0.0	1.902	0.0	0.0	2.036	0.0	0.0	2.051	0.0

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

143	4886	4887	NS	1	0.0	26.08	9.559	0.0	27.161	9.892	0.0	351.772	3.64	0.0	58.117	3.871	0.0	1.897	0.0	0.0	1.902	0.0	0.0	2.036	0.0	0.0	2.051	0.0
144	4886	4887	SN	1	0.0	27.189	10.317	0.0	26.13	9.995	0.0	144.289	4.375	0.0	14.129	4.279	0.0	1.916	0.0	0.0	1.928	0.0	0.0	2.072	0.0	0.0	2.097	0.0
145	4887	4888	NS	1	0.0	25.264	14.483	0.0	38.263	15.642	0.0	354.827	13.906	0.0	36.818	13.453	0.0	1.901	0.0	0.0	1.909	0.0	0.0	2.039	0.0	0.0	2.052	0.0
146	4887	4888	SN	1	0.0	37.221	16.115	0.0	26.621	14.252	0.0	140.428	14.123	0.0	77.629	14.427	0.0	1.903	0.0	0.0	1.926	0.0	0.0	2.078	0.0	0.0	2.076	0.0
147	4887	4888	SN	1	0.0	37.221	16.104	0.0	26.621	14.252	0.0	140.428	14.136	0.0	77.629	14.427	0.0	1.903	0.0	0.0	1.926	0.0	0.0	2.078	0.0	0.0	2.076	0.0
148	4887	4888	SN	1	0.0	27.294	10.351	0.0	26.125	9.997	0.0	181.89	4.432	0.0	14.124	4.287	0.0	1.916	0.0	0.0	1.925	0.0	0.0	2.071	0.0	0.0	2.088	0.0
149	4887	4888	NS	1	0.0	26.058	9.547	0.0	27.15	9.91	0.0	178.921	3.679	0.0	66.213	3.836	0.0	1.899	0.0	0.0	1.904	0.0	0.0	2.032	0.0	0.0	2.049	0.0
150	4887	4888	NS	1	0.0	26.058	9.549	0.0	27.15	9.914	0.0	178.909	3.674	0.0	66.191	3.838	0.0	1.9	0.0	0.0	1.906	0.0	0.0	2.032	0.0	0.0	2.049	0.0
151	4887	4888	SN	1	0.0	27.294	10.232	0.0	26.125	9.983	0.0	181.89	4.317	0.0	59.049	4.358	0.0	1.916	0.0	0.0	1.925	0.0	0.0	2.071	0.0	0.0	2.088	0.0
152	4887	4888	SN	1	0.0	37.221	16.125	0.0	26.621	13.915	0.0	140.428	14.385	0.0	14.571	13.96	0.0	1.903	0.0	0.0	1.926	0.0	0.0	2.078	0.0	0.0	2.076	0.0
153	4887	4888	SN	1	0.0	27.294	10.224	0.0	26.125	9.979	0.0	181.89	4.314	0.0	72.147	4.365	0.0	1.916	0.0	0.0	1.925	0.0	0.0	2.071	0.0	0.0	2.088	0.0
154	4887	4888	NS	1	0.0	25.264	14.483	0.0	38.263	15.642	0.0	354.832	13.906	0.0	36.829	13.453	0.0	1.901	0.0	0.0	1.91	0.0	0.0	2.039	0.0	0.0	2.052	0.0
155	4888	4889	SN	1	0.0	37.436	16.069	0.0	55.533	14.361	0.0	171.136	14.043	0.0	57.781	14.417	0.0	1.915	0.0	0.0	1.959	0.0	0.0	2.076	0.0	0.0	2.083	0.0
156	4888	4889	NS	1	0.0	26.042	9.554	0.0	27.112	9.908	0.0	354.011	3.697	0.0	62.226	3.864	0.0	1.898	0.0	0.0	1.898	0.0	0.0	2.033	0.0	0.0	2.053	0.0
157	4888	4889	SN	1	0.0	27.399	10.22	0.0	241.036	9.997	0.0	172.801	4.347	0.0	197.021	4.335	0.0	1.917	0.0	0.0	1.926	0.0	0.0	2.072	0.0	0.0	2.091	0.0
158	4888	4889	SN	1	0.0	27.399	10.406	0.0	241.036	10.036	0.0	172.801	4.525	0.0	197.021	4.315	0.0	1.917	0.0	0.0	1.926	0.0	0.0	2.072	0.0	0.0	2.091	0.0
159	4888	4889	SN	1	0.0	37.436	16.064	0.0	55.533	14.361	0.0	171.136	14.061	0.0	57.781	14.417	0.0	1.915	0.0	0.0	1.959	0.0	0.0	2.076	0.0	0.0	2.083	0.0
160	4888	4889	SN	1	0.0	37.436	16.098	0.0	55.533	13.874	0.0	171.136	14.448	0.0	47.895	13.883	0.0	1.915	0.0	0.0	1.959	0.0	0.0	2.076	0.0	0.0	2.083	0.0
161	4888	4889	NS	1	0.0	25.275	14.5	0.0	38.004	15.612	0.0	185.059	13.735	0.0	50.826	13.47	0.0	1.903	0.0	0.0	1.916	0.0	0.0	2.04	0.0	0.0	2.053	0.0
162	4888	4889	NS	1	0.0	26.042	9.563	0.0	27.106	9.908	0.0	354.005	3.696	0.0	62.171	3.869	0.0	1.899	0.0	0.0	1.897	0.0	0.0	2.035	0.0	0.0	2.053	0.0
163	4888	4889	NS	1	0.0	25.27	14.49	0.0	38.009	15.633	0.0	185.059	13.728	0.0	50.799	13.463	0.0	1.904	0.0	0.0	1.917	0.0	0.0	2.04	0.0	0.0	2.053	0.0
164	4888	4889	SN	1	0.0	27.399	10.214	0.0	241.036	9.998	0.0	172.801	4.344	0.0	197.021	4.351	0.0	1.917	0.0	0.0	1.926	0.0	0.0	2.072	0.0	0.0	2.091	0.0
165	4889	4890	SN	1	0.0	27.15	10.218	0.0	26.119	9.971	0.0	155.771	4.316	0.0	67.377	4.359	0.0	1.916	0.0	0.0	1.924	0.0	0.0	2.071	0.0	0.0	2.078	0.0
166	4889	4890	SN	1	0.0	27.15	10.214	0.0	26.119	9.975	0.0	155.771	4.316	0.0	54.742	4.35	0.0	1.916	0.0	0.0	1.924	0.0	0.0	2.071	0.0	0.0	2.078	0.0
167	4889	4890	SN	1	0.0	37.342	16.14	0.0	26.621	14.326	0.0	154.392	14.037	0.0	75.798	14.462	0.0	1.906	0.0	0.0	1.918	0.0	0.0	2.077	0.0	0.0	2.095	0.0
168	4889	4890	SN	1	0.0	37.342	16.12	0.0	26.621	14.326	0.0	154.392	14.039	0.0	75.798	14.462	0.0	1.906	0.0	0.0	1.918	0.0	0.0	2.077	0.0	0.0	2.095	0.0
169	4889	4890	NS	1	0.0	25.259	14.435	0.0	38.23	15.59	0.0	132.39	13.916	0.0	36.857	13.514	0.0	1.905	0.0	0.0	1.9	0.0	0.0	2.041	0.0	0.0	2.054	0.0
170	4889	4890	SN	1	0.0	27.15	10.476	0.0	26.119	10.034	0.0	155.771	4.579	0.0	12.949	4.355	0.0	1.916	0.0	0.0	1.924	0.0	0.0	2.071	0.0	0.0	2.078	0.0
171	4889	4890	NS	1	0.0	25.259	14.445	0.0	38.23	15.59	0.0	132.269	13.902	0.0	36.884	13.536	0.0	1.904	0.0	0.0	1.919	0.0	0.0	2.041	0.0	0.0	2.055	0.0
172	4889	4890	NS	1	0.0	26.058	9.586	0.0	27.15	9.92	0.0	351.788	3.682	0.0	63.081	3.889	0.0	1.9	0.0	0.0	1.9	0.0	0.0	2.035	0.0	0.0	2.051	0.0
173	4889	4890	SN	1	0.0	37.342	16.241	0.0	26.621	13.834	0.0	154.392	14.588	0.0	14.333	13.818	0.0	1.906	0.0	0.0	1.918	0.0	0.0	2.077	0.0	0.0	2.095	0.0
174	4889	4890	NS	1	0.0	26.058	9.572	0.0	27.145	9.927	0.0	351.805	3.683	0.0	63.163	3.888	0.0	1.899	0.0	0.0	1.9	0.0	0.0	2.035	0.0	0.0	2.051	0.0
175	4890	4891	NS	1	0.0	26.064	9.607	0.0	27.134	9.915	0.0	131.056	3.666	0.0	60.174	3.889	0.0	1.897	0.0	0.0	1.896	0.0	0.0	2.037	0.0	0.0	2.059	0.0
176	4890	4891	SN	1	0.0	37.149	16.084	0.0	26.632	14.294	0.0	152.837	13.98	0.0	78.346	14.42	0.0	1.91	0.0	0.0	1.941	0.0	0.0	2.075	0.0	0.0	2.083	0.0
177	4890	4891	SN	1	0.0	27.2	10.613	0.0	26.114	10.117	0.0	139.734	4.687	0.0	12.949	4.368	0.0	1.915	0.0	0.0	1.927	0.0	0.0	2.07	0.0	0.0	2.088	0.0
178	4890	4891	NS	1	0.0	25.27	14.42	0.0	38.241	15.578	0.0	354.877	13.79	0.0	40.039	13.572	0.0	1.903	0.0	0.0	1.918	0.0	0.0	2.04	0.0	0.0	2.059	0.0
179	4890	4891	SN	1	0.0	37.149	16.298	0.0	26.632	13.739	0.0	152.837	14.823	0.0	14.322	13.769	0.0	1.91	0.0	0.0	1.941	0.0	0.0	2.075	0.0	0.0	2.083	0.0

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

180	4890	4891	SN	1	0.0	37.149	16.077	0.0	26.632	14.305	0.0	152.837	13.996	0.0	78.346	14.42	0.0	1.91	0.0	0.0	1.941	0.0	0.0	2.075	0.0	0.0	2.083	0.0
181	4890	4891	SN	1	0.0	27.2	10.248	0.0	26.114	9.984	0.0	139.734	4.304	0.0	67.625	4.325	0.0	1.915	0.0	0.0	1.927	0.0	0.0	2.07	0.0	0.0	2.088	0.0
182	4890	4891	SN	1	0.0	27.2	10.261	0.0	26.114	9.988	0.0	139.734	4.309	0.0	60.489	4.316	0.0	1.915	0.0	0.0	1.927	0.0	0.0	2.07	0.0	0.0	2.088	0.0
183	4891	4892	NS	1	0.0	25.253	14.459	0.0	38.015	15.594	0.0	354.06	13.685	0.0	35.787	13.57	0.0	1.904	0.0	0.0	1.905	0.0	0.0	2.042	0.0	0.0	2.054	0.0
184	4891	4892	SN	1	0.0	37.463	16.064	0.0	26.577	14.332	0.0	158.308	13.889	0.0	76.008	14.29	0.0	1.909	0.0	0.0	1.913	0.0	0.0	2.079	0.0	0.0	2.061	0.0
185	4891	4892	NS	1	0.0	25.253	14.48	0.0	38.015	15.604	0.0	354.06	13.685	0.0	35.792	13.562	0.0	1.904	0.0	0.0	1.916	0.0	0.0	2.042	0.0	0.0	2.056	0.0
186	4891	4892	NS	1	0.0	26.075	9.601	0.0	27.123	9.918	0.0	354.06	3.642	0.0	59.909	3.917	0.0	1.899	0.0	0.0	1.904	0.0	0.0	2.035	0.0	0.0	2.052	0.0
187	4891	4892	SN	1	0.0	27.277	10.252	0.0	26.097	9.93	0.0	135.404	4.311	0.0	130.604	4.339	0.0	1.919	0.0	0.0	1.907	0.0	0.0	2.072	0.0	0.0	2.082	0.0
188	4891	4892	SN	1	0.0	37.463	16.064	0.0	26.577	14.332	0.0	158.308	13.889	0.0	76.008	14.29	0.0	1.909	0.0	0.0	1.913	0.0	0.0	2.079	0.0	0.0	2.061	0.0
189	4891	4892	NS	1	0.0	26.075	9.596	0.0	27.123	9.909	0.0	354.06	3.646	0.0	59.915	3.91	0.0	1.899	0.0	0.0	1.904	0.0	0.0	2.034	0.0	0.0	2.052	0.0
190	4891	4892	SN	1	0.0	27.277	10.252	0.0	26.097	9.93	0.0	135.404	4.311	0.0	130.604	4.339	0.0	1.919	0.0	0.0	1.907	0.0	0.0	2.072	0.0	0.0	2.082	0.0
191	4892	4893	NS	1	0.0	25.253	14.443	0.0	38.247	15.621	0.0	133.146	13.724	0.0	78.936	13.573	0.0	1.902	0.0	0.0	1.907	0.0	0.0	2.041	0.0	0.0	2.055	0.0
192	4892	4893	NS	1	0.0	25.253	14.443	0.0	38.247	15.621	0.0	133.146	13.724	0.0	78.909	13.573	0.0	1.902	0.0	0.0	1.907	0.0	0.0	2.041	0.0	0.0	2.055	0.0
193	4892	4893	SN	1	0.0	37.061	16.16	0.0	26.555	14.36	0.0	149.633	13.826	0.0	75.831	14.356	0.0	1.913	0.0	0.0	1.911	0.0	0.0	2.075	0.0	0.0	2.094	0.0
194	4892	4893	NS	1	0.0	26.047	9.593	0.0	27.156	9.92	0.0	351.882	3.629	0.0	62.871	3.894	0.0	1.898	0.0	0.0	1.902	0.0	0.0	2.035	0.0	0.0	2.051	0.0
195	4892	4893	SN	1	0.0	27.205	10.26	0.0	26.097	9.958	0.0	145.734	4.297	0.0	67.107	4.319	0.0	1.917	0.0	0.0	1.924	0.0	0.0	2.071	0.0	0.0	2.088	0.0
196	4892	4893	SN	1	0.0	27.205	10.26	0.0	26.097	9.958	0.0	145.734	4.297	0.0	67.107	4.319	0.0	1.917	0.0	0.0	1.924	0.0	0.0	2.071	0.0	0.0	2.088	0.0
197	4892	4893	SN	1	0.0	37.061	16.16	0.0	26.555	14.36	0.0	149.633	13.826	0.0	75.831	14.356	0.0	1.913	0.0	0.0	1.911	0.0	0.0	2.075	0.0	0.0	2.094	0.0
198	4892	4893	NS	1	0.0	26.047	9.594	0.0	27.167	9.92	0.0	351.882	3.627	0.0	63.693	3.888	0.0	1.898	0.0	0.0	1.902	0.0	0.0	2.035	0.0	0.0	2.051	0.0
199	4893	4894	SN	1	0.0	27.393	10.258	0.0	26.102	9.968	0.0	137.086	4.312	0.0	64.462	4.341	0.0	1.917	0.0	0.0	1.924	0.0	0.0	2.071	0.0	0.0	2.087	0.0
200	4893	4894	NS	1	0.0	117.958	14.426	0.0	38.219	15.566	0.0	144.226	13.808	0.0	78.114	13.61	0.0	1.904	0.0	0.0	1.926	0.0	0.0	2.041	0.0	0.0	2.057	0.0
201	4893	4894	SN	1	0.0	37.166	16.113	0.0	26.56	14.325	0.0	157.448	13.904	0.0	76.697	14.443	0.0	1.908	0.0	0.0	1.969	0.0	0.0	2.076	0.0	0.0	2.088	0.0
202	4893	4894	NS	1	0.0	26.053	9.612	0.0	27.023	9.896	0.0	132.975	3.625	0.0	59.981	3.891	0.0	1.897	0.0	0.0	1.906	0.0	0.0	2.038	0.0	0.0	2.054	0.0
203	4894	4895	NS	1	0.0	25.275	14.441	0.728	37.987	15.6	0.0	146.9	13.801	0.0	35.654	13.579	0.0	1.901	0.0	0.0	1.91	0.0	0.0	2.039	0.0	0.0	2.054	0.0
204	4894	4895	NS	1	0.0	26.075	9.606	0.0	27.145	9.907	0.0	134.933	3.639	0.0	59.474	3.905	0.0	1.898	0.0	0.0	1.907	0.0	0.0	2.036	0.0	0.0	2.055	0.0
205	4894	4895	NS	1	0.0	25.275	14.439	0.728	34.822	15.461	0.0	146.9	13.882	0.0	20.974	13.38	0.0	1.901	0.0	0.0	1.91	0.0	0.0	2.039	0.0	0.0	2.054	0.0
206	4894	4895	NS	1	0.0	26.075	9.619	0.0	24.928	9.906	0.0	134.933	3.655	0.0	13.357	3.802	0.0	1.898	0.0	0.0	1.907	0.0	0.0	2.036	0.0	0.0	2.055	0.0
207	4894	4895	SN	1	0.0	27.288	10.236	0.0	26.102	9.976	0.0	175.421	4.303	0.0	78.112	4.335	0.0	1.915	0.0	0.0	1.926	0.0	0.0	2.071	0.0	0.0	2.076	0.0
208	4894	4895	SN	1	0.0	37.403	16.045	0.0	26.582	14.345	0.0	188.084	13.955	0.0	75.351	14.355	0.0	1.906	0.0	0.0	1.922	0.0	0.0	2.076	0.0	0.0	2.07	0.0
209	4895	4896	NS	1	0.0	25.286	14.493	0.0	37.905	15.685	0.0	318.764	13.749	0.0	49.9	13.617	0.0	1.904	0.0	0.0	1.902	0.0	0.0	2.04	0.0	0.0	2.056	0.0
210	4895	4896	NS	1	0.0	26.075	9.699	0.0	24.608	9.853	0.0	294.041	3.736	0.0	13.048	3.745	0.0	1.898	0.0	0.0	1.909	0.0	0.0	2.036	0.0	0.0	2.051	0.0
211	4895	4896	SN	1	0.0	37.397	16.005	0.0	26.577	14.315	0.0	184.311	13.969	0.0	75.489	14.39	0.0	1.907	0.0	0.0	1.921	0.0	0.0	2.076	0.0	0.0	2.071	0.0
212	4895	4896	NS	1	0.0	25.286	14.592	0.0	30.035	15.17	0.0	318.764	14.006	0.0	14.438	12.962	0.0	1.904	0.0	0.0	1.902	0.0	0.0	2.04	0.0	0.0	2.056	0.0
213	4895	4896	SN	1	0.0	27.283	10.257	0.0	26.114	9.977	0.0	184.394	4.344	0.0	75.66	4.327	0.0	1.915	0.0	0.0	1.908	0.0	0.0	2.07	0.0	0.0	2.07	0.0
214	4895	4896	NS	1	0.0	26.075	9.63	0.0	27.062	9.922	0.0	294.041	3.642	0.0	63.847	3.894	0.0	1.898	0.0	0.0	1.909	0.0	0.0	2.036	0.0	0.0	2.051	0.0
215	4896	4897	NS	1	0.0	26.08	9.837	0.0	24.288	9.885	0.0	354.866	3.922	0.0	13.043	3.79	0.0	1.898	0.0	0.0	1.907	0.0	0.0	2.036	0.0	0.0	2.051	0.0
216	4896	4897	NS	1	0.0	25.303	14.719	0.0	29.555	15.006	0.0	355.577	14.314	0.0	14.361	12.766	0.0	1.905	0.0	0.0	1.924	0.0	0.0	2.042	0.0	0.0	2.058	0.0

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