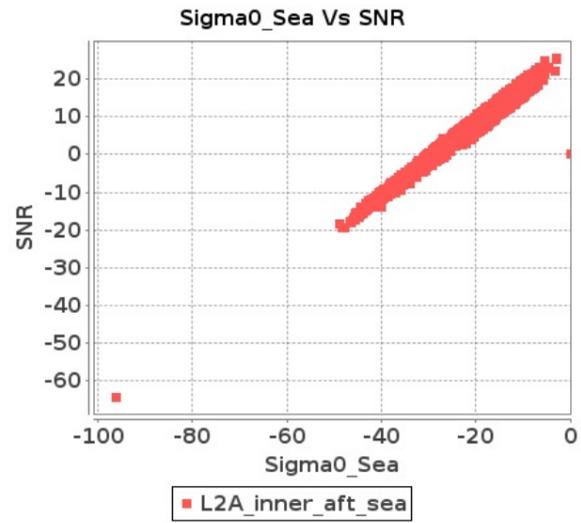


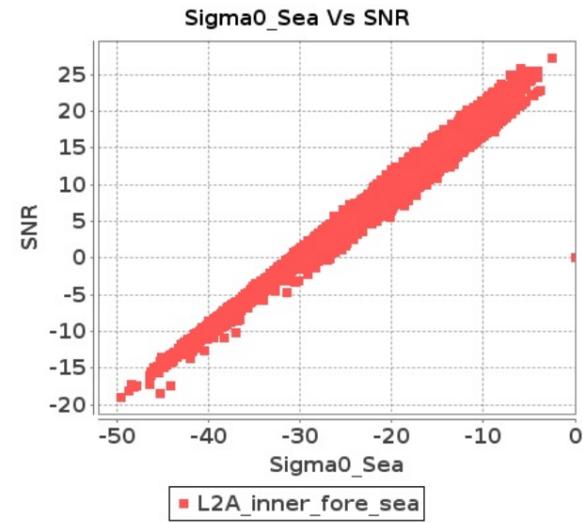
# SCATSAT-1 Scatterometer Level-2A Data Quality Cycle wise Report

Report between 06-AUG-2017 To 07-AUG-2017

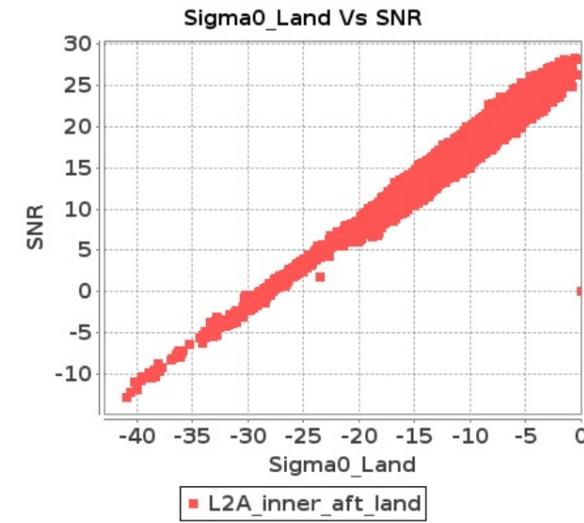
### Inner Sea Aft Sigma0VsSNR



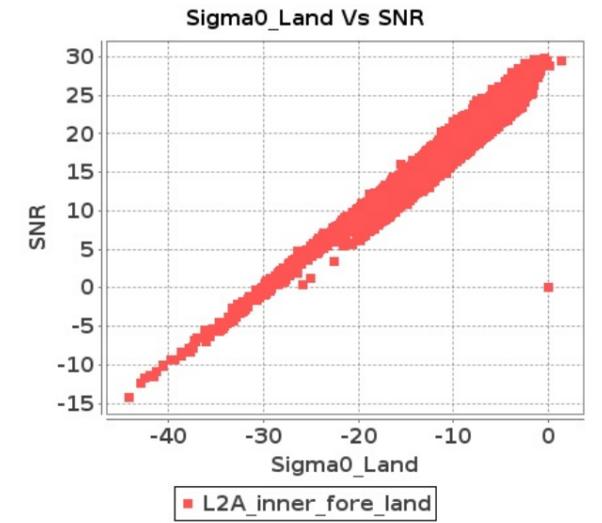
### Inner Sea Fore Sigma0VsSNR



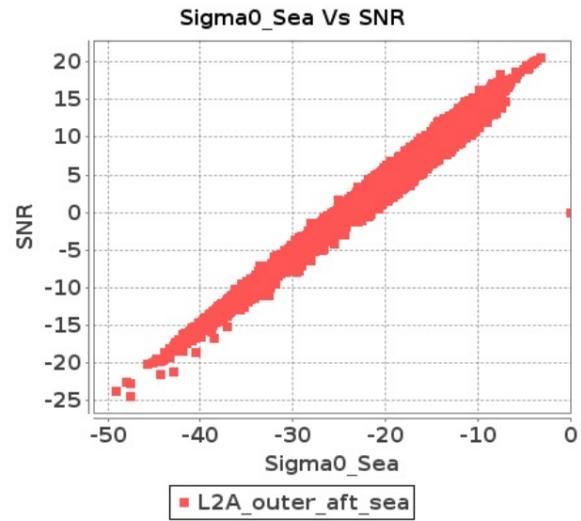
### Inner Land Aft Sigma0VsSNR



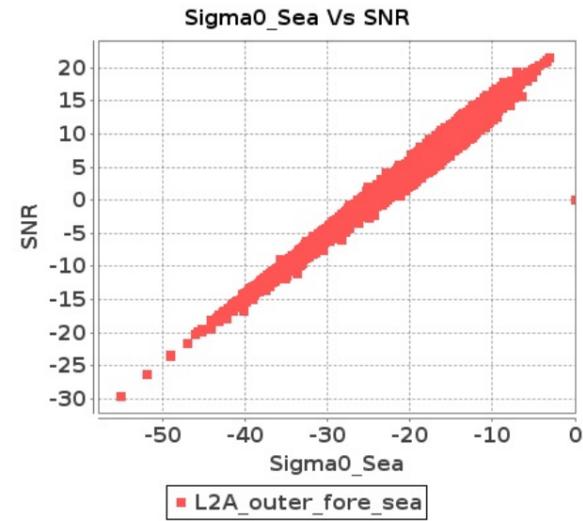
### Inner Land Fore Sigma0VsSNR



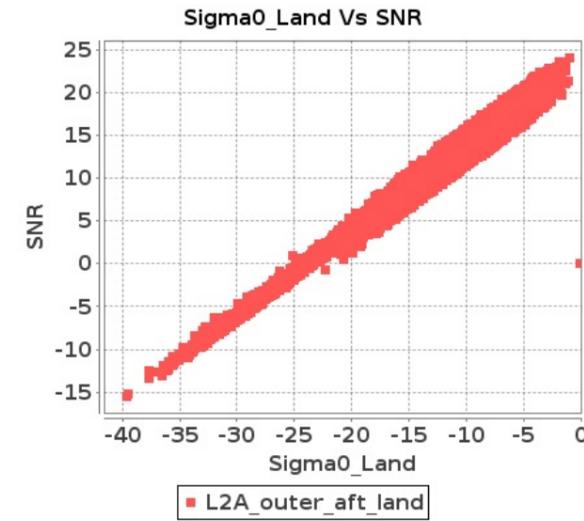
### Outer Sea Aft Sigma0VsSNR



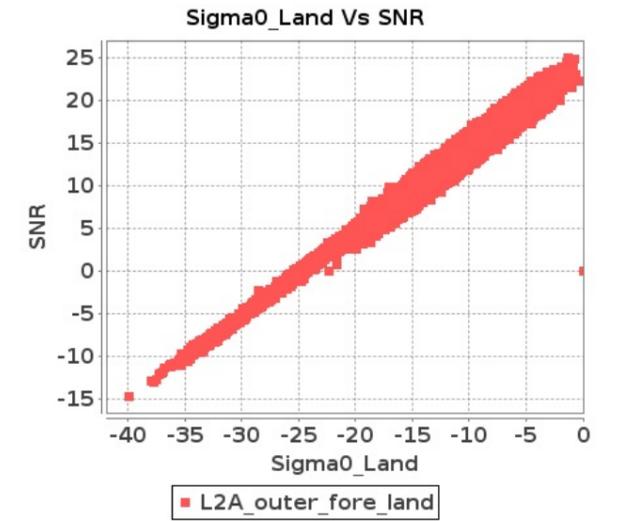
### Outer Sea Fore Sigma0VsSNR



### Outer Land Aft Sigma0VsSNR



### Outer Land Fore Sigma0VsSNR



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

Report between 06-AUG-2017 To 07-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	4550	4551	SN	1	0.0	51.238	7.889	0.0	55.742	8.601	0.0	47.744	5.975	0.0	46.696	6.459	0.0	49.045	7.385	0.0	57.324	8.241	0.0	46.338	5.453	0.0	45.328	6.096
2	4550	4551	NS	1	0.0	50.174	3.566	0.0	51.15	3.099	0.0	41.851	2.133	0.0	49.062	1.998	0.0	47.072	3.355	0.0	50.074	2.899	0.0	42.513	2.017	0.0	45.461	1.803
3	4550	4551	SN	1	0.0	51.238	7.72	0.0	55.742	8.522	0.0	47.744	5.879	0.0	46.696	6.4	0.0	49.045	7.227	0.0	57.324	8.164	0.0	46.338	5.354	0.0	45.328	6.04
4	4550	4551	NS	1	0.0	56.727	11.039	0.0	51.647	9.977	0.0	47.764	7.373	0.0	45.301	6.922	0.0	56.805	10.586	0.0	52.295	9.524	0.0	48.165	7.266	0.0	47.09	6.352
5	4550	4551	SN	1	0.0	54.379	3.24	0.0	50.458	3.183	0.0	47.385	1.912	0.0	40.737	2.106	0.0	53.255	2.968	0.0	48.881	2.936	0.0	46.425	1.654	0.0	39.094	1.945
6	4550	4551	SN	1	0.0	51.238	7.717	0.0	55.742	8.429	0.0	47.744	5.877	0.0	46.696	6.327	0.0	49.045	7.224	0.0	57.324	8.076	0.0	46.338	5.352	0.0	45.328	5.971
7	4550	4551	SN	1	0.0	54.379	3.17	0.0	50.458	3.145	0.0	47.385	1.877	0.0	40.737	2.081	0.0	53.255	2.905	0.0	48.881	2.901	0.0	46.425	1.622	0.0	39.094	1.921
8	4550	4551	SN	1	0.0	54.379	3.17	0.0	50.458	3.111	0.0	47.385	1.878	0.0	40.737	2.058	0.0	53.255	2.904	0.0	48.881	2.869	0.0	46.425	1.622	0.0	39.094	1.9
9	4551	4552	SN	1	0.0	48.471	6.275	0.0	43.271	6.232	0.0	43.202	4.955	0.0	43.197	5.84	0.0	47.86	5.897	0.0	46.856	6.14	0.0	44.035	4.934	0.0	45.322	5.688
10	4551	4552	SN	1	0.0	48.471	6.19	0.0	43.271	6.221	0.0	43.202	4.886	0.0	43.197	5.845	0.0	47.86	5.807	0.0	46.856	6.129	0.0	44.035	4.857	0.0	45.322	5.687
11	4551	4552	SN	1	0.0	44.456	2.936	0.0	50.423	2.873	0.0	40.836	1.99	0.0	40.978	2.107	0.0	44.137	2.635	0.0	49.166	2.713	0.0	37.981	1.927	0.0	43.66	2.039
12	4551	4552	SN	1	0.0	44.456	2.9	0.0	50.423	2.865	0.0	40.836	1.962	0.0	40.978	2.102	0.0	44.137	2.601	0.0	49.166	2.705	0.0	37.981	1.898	0.0	43.66	2.033
13	4551	4552	NS	1	0.0	49.764	1.288	0.0	44.64	0.898	0.0	42.403	0.889	0.0	39.125	0.725	0.0	47.362	1.055	0.0	42.926	0.716	0.0	37.643	0.706	0.0	37.39	0.566
14	4551	4552	NS	1	0.0	48.822	1.322	0.0	43.836	0.861	0.0	40.241	0.818	0.0	39.993	0.778	0.0	50.336	1.039	0.0	40.876	0.709	0.0	40.207	0.692	0.0	36.931	0.593
15	4551	4552	NS	1	0.0	51.342	4.794	0.0	49.9	3.505	0.0	41.491	2.706	0.0	41.504	2.61	0.0	50.611	3.888	0.0	50.881	3.082	0.0	37.491	2.328	0.0	41.835	2.118
16	4551	4552	NS	1	0.0	49.922	4.774	0.0	54.032	3.192	0.0	43.879	2.543	0.0	40.186	2.795	0.0	48.213	4.11	0.0	53.528	2.819	0.0	42.115	2.237	0.0	40.261	2.239
17	4551	4552	SN	1	0.0	44.456	2.939	0.0	50.423	2.873	0.0	40.836	1.99	0.0	40.978	2.107	0.0	44.137	2.638	0.0	49.166	2.713	0.0	37.981	1.927	0.0	43.66	2.039
18	4551	4552	SN	1	0.0	48.471	6.27	0.0	43.271	6.232	0.0	43.202	4.95	0.0	43.197	5.84	0.0	47.86	5.893	0.0	46.856	6.14	0.0	44.035	4.929	0.0	45.322	5.688
19	4552	4553	NS	1	0.0	41.209	1.279	0.0	41.735	0.983	0.0	40.641	0.914	0.0	42.843	0.831	0.0	42.534	1.044	0.0	40.448	0.861	0.0	36.654	0.733	0.0	44.217	0.666
20	4552	4553	SN	1	0.0	51.229	3.161	0.0	43.548	3.465	0.0	43.508	2.46	0.0	46.63	2.87	0.0	53.514	3.024	0.0	41.743	3.39	0.0	43.641	2.395	0.0	43.621	2.783
21	4552	4553	SN	1	0.0	51.229	3.166	0.0	43.548	3.503	0.0	43.508	2.46	0.0	46.63	2.902	0.0	53.514	3.026	0.0	41.743	3.428	0.0	43.641	2.39	0.0	43.621	2.814
22	4552	4553	SN	1	0.0	49.136	7.517	0.0	43.574	8.439	0.0	43.185	6.482	0.0	47.612	7.658	0.0	49.841	6.923	0.0	47.75	8.307	0.0	42.809	6.489	0.0	45.089	7.473
23	4552	4553	SN	1	0.0	51.229	3.187	0.0	43.548	3.449	0.0	43.508	2.468	0.0	46.63	2.873	0.0	53.514	3.047	0.0	41.49	3.373	0.0	43.641	2.414	0.0	43.621	2.801
24	4552	4553	NS	1	0.0	50.537	4.19	0.0	43.953	3.242	0.0	43.039	2.786	0.0	43.409	2.545	0.0	49.504	3.606	0.0	41.523	3.021	0.0	39.775	2.344	0.0	43.123	2.175
25	4552	4553	SN	1	0.0	48.837	7.429	0.0	43.574	8.331	0.0	43.185	6.544	0.0	47.612	7.626	0.0	48.82	6.856	0.0	47.75	8.228	0.0	42.809	6.573	0.0	45.089	7.438
26	4552	4553	NS	1	0.0	50.537	4.19	0.0	43.953	3.242	0.0	43.039	2.786	0.0	43.409	2.545	0.0	49.504	3.606	0.0	41.523	3.021	0.0	39.775	2.344	0.0	43.123	2.175
27	4552	4553	SN	1	0.0	49.136	7.508	0.0	43.574	8.53	0.0	43.185	6.482	0.0	47.612	7.753	0.0	49.841	6.914	0.0	47.75	8.397	0.0	42.809	6.489	0.0	45.089	7.566
28	4552	4553	NS	1	0.0	41.209	1.279	0.0	41.735	0.983	0.0	40.641	0.914	0.0	42.843	0.831	0.0	42.534	1.044	0.0	40.448	0.861	0.0	36.654	0.733	0.0	44.217	0.666
29	4553	4554	SN	1	0.0	47.304	4.124	0.0	44.957	3.671	0.0	41.421	2.722	0.0	43.96	2.926	0.0	47.171	3.706	0.0	49.645	3.586	0.0	41.168	2.471	0.0	43.239	2.747
30	4553	4554	NS	1	0.0	52.1	1.661	0.0	54.396	1.519	0.0	39.592	1.131	0.0	45.488	1.117	0.0	51.171	1.469	0.0	51.755	1.347	0.0	37.479	1.071	0.0	42.194	1.058
31	4553	4554	NS	1	0.0	51.987	1.639	0.0	48.563	1.517	0.0	44.379	1.16	0.0	46.195	1.114	0.0	50.918	1.46	0.0	46.163	1.37	0.0	44.977	1.081	0.0	42.901	1.06

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

32	4553	4554	SN	1	0.0	47.627	9.71	0.0	50.909	8.875	0.0	39.052	7.847	0.0	42.719	7.796	0.0	48.854	8.988	0.0	50.716	8.543	0.0	40.571	7.367	0.0	42.652	7.343
33	4553	4554	SN	1	0.0	46.325	4.138	0.0	44.178	3.604	0.0	42.201	2.805	0.0	41.195	2.855	0.0	49.004	3.719	0.0	46.32	3.506	0.0	40.808	2.548	0.0	40.649	2.722
34	4553	4554	NS	1	0.0	47.061	6.325	0.0	55.915	5.734	0.0	42.262	4.073	0.0	45.986	3.863	0.0	47.721	5.993	0.0	52.412	5.321	0.0	41.694	3.809	0.0	45.079	3.706
35	4553	4554	NS	1	0.0	50.428	6.345	0.0	50.002	5.744	0.0	45.454	4.08	0.0	48.304	3.877	0.0	50.495	5.972	0.0	49.645	5.392	0.0	46.137	3.817	0.0	46.629	3.698
36	4553	4554	SN	1	0.0	49.442	10.014	0.0	50.909	8.809	0.0	43.729	7.939	0.0	42.719	7.792	0.0	48.854	9.35	0.0	50.716	8.461	0.0	41.089	7.457	0.0	42.652	7.338
37	4553	4554	SN	1	0.0	47.304	4.14	0.0	44.957	3.639	0.0	41.421	2.75	0.0	43.96	2.906	0.0	47.171	3.744	0.0	49.645	3.548	0.0	41.168	2.504	0.0	43.239	2.736
38	4553	4554	SN	1	0.0	47.015	9.972	0.0	48.636	8.733	0.0	44.561	7.932	0.0	44.018	7.717	0.0	47.307	9.197	0.0	48.928	8.329	0.0	40.809	7.528	0.0	42.845	7.283
39	4554	4555	SN	1	0.0	53.955	11.395	0.0	52.717	11.771	0.0	42.409	8.564	0.0	49.27	9.822	0.0	51.901	11.234	0.0	53.556	11.822	0.0	44.565	8.72	0.0	51.135	10.024
40	4554	4555	SN	1	0.0	53.955	11.213	0.0	52.717	11.87	0.0	42.409	8.502	0.0	49.27	10.053	0.0	51.901	11.067	0.0	53.556	11.985	0.0	44.565	8.649	0.0	51.135	10.283
41	4554	4555	SN	1	0.0	46.879	4.815	0.0	44.187	4.96	0.0	40.869	3.073	0.0	43.042	3.428	0.0	47.1	4.608	0.0	44.366	4.96	0.0	40.236	3.13	0.0	45.118	3.553
42	4554	4555	NS	1	0.0	45.008	2.429	0.0	48.461	2.31	0.0	40.844	1.613	0.0	42.496	1.795	0.0	44.202	2.356	0.0	48.126	2.212	0.0	38.133	1.576	0.0	40.185	1.669
43	4554	4555	SN	1	0.0	52.415	11.543	0.0	52.265	11.666	0.0	43.98	8.684	0.0	45.68	9.581	0.0	48.548	11.301	0.0	50.532	11.626	0.0	46.134	8.748	0.0	46.689	9.831
44	4554	4555	NS	1	0.0	48.856	6.858	0.0	53.962	6.72	0.0	50.312	5.327	0.0	47.151	5.73	0.0	51.65	6.788	0.0	53.376	6.469	0.0	50.813	5.32	0.0	51.773	5.402
45	4554	4555	NS	1	0.0	50.033	7.019	0.0	56.339	6.831	0.0	47.374	5.277	0.0	47.597	5.815	0.0	51.559	6.848	0.0	60.403	6.751	0.0	46.945	5.32	0.0	51.124	5.487
46	4554	4555	SN	1	0.0	46.879	4.879	0.0	44.187	5.063	0.0	40.869	3.099	0.0	43.042	3.516	0.0	47.1	4.674	0.0	44.366	5.07	0.0	40.236	3.161	0.0	45.118	3.648
47	4554	4555	SN	1	0.0	48.734	4.824	0.0	44.506	4.928	0.0	41.186	3.082	0.0	43.215	3.381	0.0	50.025	4.639	0.0	45.273	4.962	0.0	40.617	3.169	0.0	45.88	3.526
48	4554	4555	NS	1	0.0	45.406	2.426	0.0	49.0	2.362	0.0	39.476	1.558	0.0	46.772	1.809	0.0	44.633	2.365	0.0	48.983	2.19	0.0	38.783	1.569	0.0	42.647	1.699
49	4555	4556	SN	1	0.0	48.715	5.182	0.0	44.956	5.386	0.0	43.581	3.687	0.0	47.457	3.829	0.0	48.137	5.054	0.0	44.429	5.438	0.0	47.786	3.678	0.0	45.794	3.747
50	4555	4556	NS	1	0.0	46.136	2.007	0.0	47.669	1.617	0.0	39.288	1.438	0.0	37.142	1.368	0.0	48.707	1.803	0.0	49.223	1.425	0.0	38.604	1.285	0.0	37.468	1.175
51	4555	4556	SN	1	0.0	48.715	5.182	0.0	44.956	5.455	0.0	43.581	3.703	0.0	47.457	3.875	0.0	48.137	5.049	0.0	44.429	5.512	0.0	47.786	3.7	0.0	45.794	3.789
52	4555	4556	NS	1	0.0	44.301	2.039	0.0	46.175	1.633	0.0	40.477	1.467	0.0	36.837	1.304	0.0	44.393	1.786	0.0	46.351	1.465	0.0	40.094	1.352	0.0	36.418	1.183
53	4555	4556	SN	1	0.0	52.872	14.924	0.0	55.633	14.688	0.0	47.894	10.734	0.0	47.337	11.45	0.0	52.949	14.52	0.0	53.575	14.784	0.0	47.911	10.929	0.0	45.215	11.676
54	4555	4556	SN	1	0.0	48.715	5.39	0.0	44.956	5.607	0.0	43.581	3.826	0.0	47.457	3.999	0.0	48.137	5.271	0.0	44.429	5.676	0.0	47.786	3.82	0.0	45.794	3.916
55	4555	4556	NS	1	0.0	49.807	5.711	0.0	46.088	4.829	0.0	47.954	4.551	0.0	46.608	4.711	0.0	51.632	5.207	0.0	48.098	4.356	0.0	50.103	4.351	0.0	46.249	4.233
56	4555	4556	NS	1	0.0	48.667	6.012	0.0	50.104	4.821	0.0	44.651	4.662	0.0	44.453	4.44	0.0	48.796	5.277	0.0	48.729	4.368	0.0	46.98	4.342	0.0	46.33	4.098
57	4555	4556	SN	1	0.0	52.872	14.476	0.0	55.633	14.4	0.0	47.894	10.435	0.0	47.337	11.139	0.0	52.949	14.053	0.0	53.575	14.471	0.0	47.911	10.627	0.0	45.215	11.326
58	4555	4556	SN	1	0.0	52.872	14.491	0.0	55.633	14.255	0.0	47.894	10.449	0.0	47.337	11.012	0.0	52.949	14.059	0.0	53.575	14.326	0.0	47.911	10.62	0.0	45.215	11.197
59	4556	4557	NS	1	0.0	47.05	2.714	0.0	43.78	2.115	0.0	37.721	1.958	0.0	40.027	1.79	0.0	42.563	2.393	0.0	46.496	1.9	0.0	37.096	1.837	0.0	37.748	1.567
60	4556	4557	NS	1	0.0	48.59	8.361	0.0	48.997	6.753	0.0	41.511	5.953	0.0	40.842	5.523	0.0	47.679	7.898	0.0	49.896	6.431	0.0	39.73	5.611	0.0	41.955	5.074
61	4556	4557	NS	1	0.0	46.828	8.221	0.0	48.062	6.814	0.0	46.331	5.989	0.0	43.024	5.474	0.0	46.422	7.747	0.0	48.941	6.542	0.0	46.1	5.569	0.0	44.04	4.982
62	4556	4557	SN	1	0.0	56.233	12.374	0.0	56.874	13.83	0.0	46.456	9.342	0.0	52.923	11.041	0.0	56.039	12.425	0.0	57.758	13.84	0.0	47.428	9.632	0.0	49.407	11.315
63	4556	4557	SN	1	0.0	54.846	12.381	0.0	57.254	13.821	0.0	50.437	9.575	0.0	52.872	11.154	0.0	58.513	12.491	0.0	57.513	13.618	0.0	51.556	9.695	0.0	56.771	11.132
64	4556	4557	SN	1	0.0	53.777	4.648	0.0	53.044	5.733	0.0	42.006	3.445	0.0	48.85	4.126	0.0	49.465	4.714	0.0	52.81	5.737	0.0	41.976	3.572	0.0	46.54	4.122
65	4556	4557	NS	1	0.0	41.234	2.762	0.0	46.535	2.115	0.0	39.484	2.011	0.0	40.33	1.813	0.0	40.358	2.408	0.0	43.738	1.941	0.0	40.321	1.901	0.0	41.547	1.623
66	4556	4557	SN	1	0.0	53.777	4.429	0.0	53.044	5.523	0.0	42.006	3.249	0.0	48.85	3.974	0.0	49.465	4.467	0.0	52.81	5.523	0.0	41.976	3.347	0.0	46.54	3.974
67	4556	4557	SN	1	0.0	57.046	4.546	0.0	49.427	5.374	0.0	47.202	3.329	0.0	47.357	3.976	0.0	56.983	4.585	0.0	52.778	5.356	0.0	47.341	3.4	0.0	46.708	3.912

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

68	4556	4557	SN	1	0.0	56.233	12.719	0.0	56.874	14.089	0.0	46.456	9.874	0.0	52.923	11.389	0.0	56.039	12.839	0.0	57.758	14.111	0.0	47.428	10.235	0.0	49.407	11.69
69	4557	4558	NS	1	0.0	46.925	2.635	0.0	53.938	2.29	0.0	40.62	2.093	0.0	42.948	1.927	0.0	48.404	2.501	0.0	49.941	2.179	0.0	40.18	2.049	0.0	41.278	1.833
70	4557	4558	SN	1	0.0	55.573	5.966	0.0	56.167	7.541	0.0	47.909	5.332	0.0	50.95	6.623	0.0	55.381	5.765	0.0	54.002	6.985	0.0	48.99	5.304	0.0	49.325	6.296
71	4557	4558	NS	1	0.0	49.393	2.725	0.0	45.619	2.19	0.0	41.11	2.074	0.0	39.042	1.881	0.0	50.902	2.612	0.0	49.377	2.127	0.0	41.918	2.04	0.0	37.186	1.886
72	4557	4558	SN	1	0.0	54.739	2.742	0.0	49.982	3.421	0.0	44.175	1.907	0.0	44.232	2.717	0.0	54.663	2.6	0.0	49.03	3.123	0.0	45.466	1.878	0.0	43.901	2.502
73	4557	4558	SN	1	0.0	55.929	2.715	0.0	46.195	3.412	0.0	44.175	1.938	0.0	45.508	2.665	0.0	54.755	2.539	0.0	49.69	3.042	0.0	45.466	1.871	0.0	44.437	2.509
74	4557	4558	NS	1	0.0	54.275	8.743	0.0	51.487	7.397	0.0	45.318	6.587	0.0	46.676	6.172	0.0	55.371	8.773	0.0	53.213	7.246	0.0	43.561	6.58	0.0	47.336	5.823
75	4557	4558	NS	1	0.0	50.336	8.743	0.0	55.047	7.366	0.0	43.7	6.708	0.0	46.181	6.065	0.0	49.177	8.612	0.0	56.772	7.075	0.0	41.859	6.615	0.0	47.501	5.887
76	4557	4558	SN	1	0.0	55.573	5.966	0.0	56.167	7.541	0.0	47.909	5.339	0.0	50.95	6.624	0.0	55.381	5.765	0.0	54.002	6.985	0.0	48.99	5.311	0.0	49.325	6.296
77	4558	4559	NS	1	0.0	49.263	9.294	0.0	52.419	7.975	0.0	47.756	6.606	0.0	46.251	6.403	0.0	50.805	8.539	0.0	53.027	7.22	0.0	47.409	6.3	0.0	46.582	5.925
78	4558	4559	NS	1	0.0	48.457	3.075	0.0	51.053	2.501	0.0	41.24	1.881	0.0	45.488	1.847	0.0	46.828	2.647	0.0	48.66	2.166	0.0	43.278	1.694	0.0	44.139	1.693
79	4558	4559	SN	1	0.0	45.991	3.097	0.0	53.659	3.733	0.0	46.936	2.076	0.0	49.472	2.855	0.0	46.297	2.769	0.0	54.227	3.417	0.0	46.458	1.848	0.0	47.492	2.548
80	4558	4559	SN	1	0.0	51.312	4.699	0.0	53.141	6.065	0.0	42.043	4.665	0.0	51.747	5.769	0.0	53.109	4.286	0.0	52.692	5.489	0.0	41.529	4.318	0.0	50.404	5.313
81	4559	4560	NS	1	0.0	43.839	1.921	0.0	43.127	1.651	0.0	38.703	1.344	0.0	47.929	1.255	0.0	43.201	1.685	0.0	46.611	1.522	0.0	37.636	1.179	0.0	45.556	1.118
82	4559	4560	SN	1	0.0	51.664	3.084	0.0	46.571	3.541	0.0	45.123	2.115	0.0	43.403	2.637	0.0	54.593	2.857	0.0	47.246	3.283	0.0	43.497	1.899	0.0	45.967	2.403
83	4559	4560	NS	1	0.0	49.917	6.193	0.0	49.3	5.881	0.0	44.094	4.356	0.0	48.477	4.563	0.0	49.724	5.831	0.0	49.698	5.488	0.0	43.932	4.093	0.0	46.848	4.121
84	4559	4560	SN	1	0.0	51.868	7.091	0.0	55.263	8.249	0.0	48.138	5.972	0.0	46.098	6.616	0.0	55.137	6.638	0.0	56.483	7.683	0.0	49.82	5.483	0.0	46.699	6.289
85	4560	4561	SN	1	0.0	48.865	3.57	0.0	52.547	4.033	0.0	45.482	2.333	0.0	47.623	2.79	0.0	46.179	3.196	0.0	52.659	3.698	0.0	44.325	2.126	0.0	46.995	2.677
86	4560	4561	NS	1	0.0	45.465	6.356	0.0	49.75	6.235	0.0	41.426	4.38	0.0	56.852	4.029	0.0	46.179	5.843	0.0	53.813	5.842	0.0	42.358	4.11	0.0	53.087	3.651
87	4560	4561	NS	1	0.0	46.667	2.035	0.0	42.697	1.922	0.0	45.539	1.435	0.0	39.133	1.381	0.0	45.717	1.752	0.0	41.324	1.666	0.0	46.315	1.325	0.0	38.339	1.177
88	4560	4561	SN	1	0.0	49.895	7.763	0.0	55.91	8.442	0.0	45.677	6.873	0.0	44.096	7.395	0.0	52.231	7.189	0.0	56.578	7.896	0.0	48.247	6.348	0.0	46.687	7.053
89	4561	4562	NS	1	0.0	51.141	2.931	0.0	48.91	2.497	0.0	38.298	2.075	0.0	39.594	1.946	0.0	52.108	2.687	0.0	44.179	2.354	0.0	37.928	1.979	0.0	35.942	1.75
90	4561	4562	SN	1	0.0	56.17	8.64	0.0	50.449	10.039	0.0	45.256	7.349	0.0	45.398	8.535	0.0	56.127	7.723	0.0	50.718	9.342	0.0	41.937	7.072	0.0	46.649	7.979
91	4561	4562	SN	1	0.0	45.844	3.572	0.0	49.334	4.168	0.0	43.29	2.533	0.0	44.793	3.183	0.0	45.322	3.212	0.0	48.124	3.836	0.0	43.728	2.339	0.0	43.741	2.996
92	4561	4562	NS	1	0.0	47.516	7.988	0.0	53.763	7.141	0.0	44.318	6.089	0.0	42.872	5.833	0.0	47.642	7.616	0.0	53.08	6.486	0.0	43.605	5.755	0.0	39.385	5.462
93	4562	4563	NS	1	0.0	51.336	3.447	0.0	45.878	3.283	0.0	41.361	2.552	0.0	41.593	2.442	0.0	48.61	3.262	0.0	45.385	3.029	0.0	39.17	2.428	0.0	40.052	2.227
94	4562	4563	SN	1	0.0	52.08	8.407	0.0	44.277	8.664	0.0	42.645	6.951	0.0	45.726	7.644	0.0	51.705	7.884	0.0	46.285	8.391	0.0	46.403	6.512	0.0	47.991	7.202
95	4562	4563	NS	1	0.0	52.678	8.905	0.0	54.114	8.793	0.0	45.231	7.713	0.0	41.744	7.145	0.0	51.538	8.552	0.0	54.087	7.967	0.0	45.343	7.535	0.0	42.534	6.746
96	4562	4563	SN	1	0.0	46.814	4.093	0.0	45.746	3.971	0.0	46.183	2.631	0.0	41.641	2.783	0.0	46.482	3.692	0.0	46.715	3.834	0.0	45.987	2.36	0.0	41.57	2.634
97	4563	4564	NS	1	0.0	49.048	15.78	0.0	53.153	13.301	0.0	51.127	11.281	0.0	45.652	10.938	0.0	51.006	15.317	0.0	54.137	12.712	0.0	47.949	11.575	0.0	45.82	10.71
98	4563	4564	NS	1	0.0	49.311	4.886	0.0	48.308	4.149	0.0	42.332	3.673	0.0	41.826	3.522	0.0	49.689	4.761	0.0	50.32	3.89	0.0	44.903	3.787	0.0	42.641	3.408
99	4564	4565	SN	1	0.0	53.034	8.092	0.0	52.429	8.947	0.0	51.405	6.624	0.0	49.864	7.586	0.0	52.548	7.81	0.0	51.807	8.431	0.0	51.206	6.298	0.0	49.472	7.173
100	4564	4565	SN	1	0.0	48.16	3.731	0.0	50.14	3.663	0.0	50.534	2.388	0.0	45.587	3.052	0.0	47.032	3.407	0.0	48.707	3.562	0.0	50.135	2.252	0.0	44.722	2.894
101	4564	4565	SN	1	0.0	53.034	8.368	0.0	52.429	9.329	0.0	51.405	6.663	0.0	49.864	7.863	0.0	52.548	8.114	0.0	51.807	8.789	0.0	51.206	6.343	0.0	49.472	7.468
102	4564	4565	SN	1	0.0	48.16	3.729	0.0	50.14	3.704	0.0	50.534	2.385	0.0	45.587	3.087	0.0	47.032	3.405	0.0	48.707	3.602	0.0	50.135	2.248	0.0	44.722	2.929
103	4564	4565	SN	1	0.0	48.16	3.874	0.0	50.14	3.824	0.0	50.534	2.416	0.0	45.587	3.183	0.0	47.032	3.556	0.0	48.707	3.72	0.0	50.135	2.292	0.0	44.722	3.017

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

104	4564	4565	SN	1	0.0	53.034	8.093	0.0	52.429	9.044	0.0	51.405	6.617	0.0	49.864	7.673	0.0	52.548	7.812	0.0	51.807	8.522	0.0	51.206	6.305	0.0	49.472	7.263
105	4565	4566	NS	1	0.0	50.858	2.469	0.0	48.22	2.126	0.0	47.117	1.437	0.0	38.5	1.439	0.0	49.59	2.252	0.0	50.266	2.065	0.0	46.603	1.364	0.0	42.104	1.315
106	4565	4566	SN	1	0.0	53.863	6.101	0.0	47.142	6.838	0.0	48.314	5.848	0.0	47.433	6.712	0.0	58.112	5.477	0.0	50.63	6.511	0.0	51.378	5.536	0.0	47.375	6.215
107	4565	4566	SN	1	0.0	48.853	3.172	0.0	46.814	3.317	0.0	42.004	2.24	0.0	50.725	2.888	0.0	52.192	2.89	0.0	44.764	2.974	0.0	42.191	2.09	0.0	51.46	2.649
108	4565	4566	NS	1	0.0	51.169	7.374	0.0	57.606	6.783	0.0	49.08	4.984	0.0	48.899	4.874	0.0	51.14	7.001	0.0	58.068	6.341	0.0	49.948	4.785	0.0	46.89	4.546
109	4565	4566	NS	1	0.0	51.165	7.364	0.0	56.931	6.683	0.0	51.551	4.991	0.0	47.985	4.81	0.0	51.135	7.051	0.0	57.41	6.361	0.0	52.418	4.806	0.0	48.399	4.532
110	4565	4566	NS	1	0.0	55.929	2.46	0.0	45.986	2.14	0.0	45.77	1.437	0.0	39.441	1.459	0.0	52.496	2.263	0.0	46.022	2.047	0.0	45.255	1.373	0.0	40.016	1.327
111	4565	4566	SN	1	0.0	47.748	3.154	0.0	46.589	3.356	0.0	42.007	2.251	0.0	49.529	2.892	0.0	49.631	2.879	0.0	44.511	2.995	0.0	42.193	2.117	0.0	49.941	2.635
112	4565	4566	SN	1	0.0	53.919	6.129	0.0	52.323	6.734	0.0	51.068	5.94	0.0	46.056	6.692	0.0	58.169	5.505	0.0	50.812	6.39	0.0	54.13	5.55	0.0	47.118	6.208
113	4565	4566	SN	1	0.0	53.863	6.168	0.0	47.142	6.867	0.0	48.314	5.828	0.0	47.433	6.731	0.0	58.112	5.544	0.0	50.63	6.539	0.0	51.378	5.475	0.0	47.375	6.24
114	4565	4566	SN	1	0.0	47.748	3.198	0.0	46.589	3.37	0.0	42.007	2.254	0.0	49.529	2.901	0.0	49.631	2.924	0.0	44.511	3.011	0.0	42.193	2.114	0.0	49.941	2.647
115	4566	4567	SN	1	0.0	45.757	7.991	0.0	47.42	7.167	0.0	41.693	6.63	0.0	44.779	6.988	0.0	49.698	7.766	0.0	49.553	7.433	0.0	40.33	6.723	0.0	48.457	7.183
116	4566	4567	NS	1	0.0	53.897	3.606	0.0	50.585	2.918	0.0	44.151	2.108	0.0	46.195	2.181	0.0	50.535	2.78	0.0	51.768	2.254	0.0	40.793	1.68	0.0	46.571	1.867
117	4566	4567	NS	1	0.0	57.604	3.576	0.0	51.288	2.979	0.0	43.352	2.108	0.0	45.869	2.188	0.0	54.62	2.851	0.0	54.104	2.264	0.0	42.778	1.716	0.0	43.806	1.824
118	4566	4567	SN	1	0.0	45.757	7.903	0.0	47.42	7.165	0.0	41.693	6.564	0.0	44.779	6.985	0.0	49.698	7.681	0.0	49.553	7.421	0.0	40.33	6.678	0.0	48.457	7.18
119	4566	4567	SN	1	0.0	42.553	7.83	0.0	47.216	7.179	0.0	42.852	6.273	0.0	47.179	6.692	0.0	45.615	7.679	0.0	49.349	7.422	0.0	42.796	6.387	0.0	47.268	6.777
120	4566	4567	NS	1	0.0	47.326	1.08	0.0	43.287	0.75	0.0	42.049	0.642	0.0	42.997	0.569	0.0	44.467	0.822	0.0	45.102	0.596	0.0	42.655	0.503	0.0	39.431	0.445
121	4566	4567	NS	1	0.0	47.955	1.098	0.0	41.948	0.765	0.0	40.89	0.656	0.0	37.329	0.585	0.0	45.095	0.828	0.0	43.976	0.618	0.0	41.38	0.503	0.0	37.156	0.438
122	4566	4567	SN	1	0.0	45.445	3.299	0.0	44.498	3.299	0.0	44.953	2.543	0.0	41.073	2.732	0.0	47.029	3.21	0.0	44.979	3.462	0.0	43.071	2.621	0.0	40.744	2.809
123	4566	4567	SN	1	0.0	45.445	3.255	0.0	44.498	3.29	0.0	44.953	2.546	0.0	41.073	2.721	0.0	47.029	3.165	0.0	44.979	3.449	0.0	43.071	2.621	0.0	40.744	2.802
124	4566	4567	SN	1	0.0	44.778	3.206	0.0	45.013	3.252	0.0	47.349	2.557	0.0	50.135	2.633	0.0	46.362	3.12	0.0	45.477	3.414	0.0	44.467	2.532	0.0	49.975	2.762
125	4567	4568	NS	1	0.0	52.801	1.227	0.0	42.063	1.076	0.0	40.336	0.797	0.0	44.878	0.843	0.0	52.693	1.032	0.0	42.416	0.919	0.0	42.018	0.665	0.0	43.395	0.733
126	4567	4568	NS	1	0.0	54.509	3.465	0.0	49.529	3.26	0.0	44.834	2.82	0.0	42.863	2.936	0.0	57.162	3.092	0.0	51.208	2.696	0.0	44.034	2.393	0.0	40.544	2.623
127	4567	4568	NS	1	0.0	44.391	1.229	0.0	49.583	1.042	0.0	41.096	0.775	0.0	36.217	0.833	0.0	43.807	1.016	0.0	45.558	0.904	0.0	42.778	0.667	0.0	35.01	0.729
128	4567	4568	SN	1	0.0	45.503	4.174	0.0	44.34	4.027	0.0	43.545	3.042	0.0	44.354	3.174	0.0	47.582	3.85	0.0	44.327	3.858	0.0	44.04	2.783	0.0	43.895	2.99
129	4567	4568	SN	1	0.0	42.637	4.169	0.0	44.261	4.073	0.0	42.943	2.957	0.0	46.251	3.154	0.0	45.744	3.832	0.0	42.625	3.906	0.0	43.511	2.743	0.0	45.789	2.996
130	4567	4568	SN	1	0.0	47.703	9.18	0.0	44.855	9.14	0.0	45.65	7.883	0.0	40.502	7.894	0.0	48.889	8.395	0.0	43.328	9.039	0.0	47.412	7.528	0.0	41.489	7.695
131	4567	4568	SN	1	0.0	51.995	9.169	0.0	43.571	9.027	0.0	43.287	8.003	0.0	40.541	8.008	0.0	49.781	8.263	0.0	43.225	9.058	0.0	41.969	7.401	0.0	41.353	7.859
132	4567	4568	NS	1	0.0	58.953	3.546	0.0	47.32	3.3	0.0	41.771	2.792	0.0	42.759	2.943	0.0	56.125	3.062	0.0	49.066	2.777	0.0	41.531	2.4	0.0	40.749	2.601
133	4567	4568	SN	1	0.0	51.995	9.192	0.0	43.571	9.127	0.0	43.287	8.06	0.0	40.541	8.101	0.0	49.781	8.296	0.0	43.225	9.158	0.0	41.969	7.436	0.0	41.353	7.95
134	4567	4568	SN	1	0.0	47.703	9.182	0.0	44.855	9.241	0.0	45.65	7.876	0.0	40.502	7.986	0.0	48.889	8.407	0.0	43.328	9.138	0.0	47.412	7.542	0.0	41.489	7.784
135	4567	4568	SN	1	0.0	42.637	4.169	0.0	44.261	4.028	0.0	42.943	2.955	0.0	46.251	3.119	0.0	45.744	3.832	0.0	42.625	3.863	0.0	43.511	2.746	0.0	45.789	2.963
136	4567	4568	SN	1	0.0	45.503	4.171	0.0	44.34	3.983	0.0	43.545	3.042	0.0	44.354	3.137	0.0	47.582	3.843	0.0	44.327	3.816	0.0	44.04	2.787	0.0	43.895	2.954
137	4568	4569	NS	1	0.0	48.452	1.641	0.0	48.642	1.511	0.0	42.631	1.124	0.0	46.794	1.142	0.0	45.399	1.576	0.0	46.595	1.454	0.0	41.07	1.078	0.0	47.142	1.069
138	4568	4569	SN	1	0.0	46.857	10.918	0.0	53.605	10.582	0.0	42.985	8.582	0.0	42.334	9.6	0.0	46.828	10.867	0.0	50.436	10.704	0.0	42.574	8.568	0.0	43.935	9.413
139	4568	4569	SN	1	0.0	43.413	4.645	0.0	49.753	4.448	0.0	43.075	3.173	0.0	40.517	3.517	0.0	41.761	4.519	0.0	49.875	4.448	0.0	42.136	3.09	0.0	40.89	3.424

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

140	4568	4569	NS	1	0.0	53.966	4.987	0.0	50.966	4.51	0.0	48.543	4.067	0.0	43.005	3.749	0.0	53.278	4.856	0.0	47.838	4.087	0.0	46.296	4.003	0.0	40.683	3.728
141	4568	4569	SN	1	0.0	46.857	10.914	0.0	53.605	10.467	0.0	42.985	8.582	0.0	42.334	9.494	0.0	46.828	10.874	0.0	50.436	10.589	0.0	42.574	8.568	0.0	43.935	9.309
142	4568	4569	NS	1	0.0	53.966	4.957	0.0	50.347	4.5	0.0	48.543	4.06	0.0	43.005	3.756	0.0	53.278	4.876	0.0	46.746	4.107	0.0	46.296	4.017	0.0	40.683	3.742
143	4568	4569	SN	1	0.0	43.413	4.752	0.0	49.753	4.525	0.0	43.075	3.225	0.0	40.517	3.566	0.0	41.761	4.627	0.0	49.875	4.534	0.0	42.136	3.155	0.0	40.89	3.482
144	4568	4569	NS	1	0.0	53.966	4.957	0.0	50.347	4.49	0.0	48.543	4.06	0.0	43.005	3.763	0.0	53.278	4.876	0.0	46.746	4.107	0.0	46.296	4.01	0.0	40.683	3.713
145	4568	4569	SN	1	0.0	46.857	11.018	0.0	53.605	10.73	0.0	42.985	8.685	0.0	42.334	9.752	0.0	46.828	11.038	0.0	50.436	10.886	0.0	42.574	8.699	0.0	43.935	9.575
146	4568	4569	NS	1	0.0	48.452	1.65	0.0	48.642	1.495	0.0	42.631	1.126	0.0	46.794	1.146	0.0	45.399	1.58	0.0	46.595	1.461	0.0	41.07	1.076	0.0	47.142	1.068
147	4568	4569	NS	1	0.0	48.452	1.648	0.0	48.642	1.509	0.0	42.631	1.126	0.0	46.794	1.151	0.0	45.399	1.571	0.0	46.595	1.472	0.0	41.07	1.078	0.0	47.142	1.069
148	4568	4569	SN	1	0.0	43.413	4.647	0.0	49.753	4.399	0.0	43.075	3.175	0.0	40.517	3.48	0.0	41.761	4.519	0.0	49.875	4.399	0.0	42.136	3.094	0.0	40.89	3.388
149	4569	4570	SN	1	0.0	52.586	13.215	0.0	48.252	15.0	0.0	44.784	9.544	0.0	44.235	11.738	0.0	51.881	13.13	0.0	48.38	15.106	0.0	44.235	10.109	0.0	45.969	12.179
150	4569	4570	NS	1	0.0	49.27	2.696	0.0	54.615	2.396	0.0	41.801	1.823	0.0	41.33	1.886	0.0	47.191	2.551	0.0	52.706	2.267	0.0	42.617	1.691	0.0	43.299	1.673
151	4569	4570	SN	1	0.0	52.586	12.918	0.0	48.252	14.553	0.0	44.784	9.285	0.0	44.235	11.282	0.0	51.881	12.837	0.0	48.38	14.543	0.0	44.235	9.795	0.0	45.969	11.681
152	4569	4570	NS	1	0.0	51.99	2.862	0.0	50.937	2.354	0.0	42.855	1.796	0.0	44.325	1.869	0.0	50.474	2.64	0.0	49.668	2.204	0.0	44.919	1.765	0.0	44.705	1.621
153	4569	4570	NS	1	0.0	53.424	7.927	0.0	46.422	7.171	0.0	43.116	5.923	0.0	46.746	6.061	0.0	56.06	7.585	0.0	46.818	6.627	0.0	43.171	5.674	0.0	46.993	5.555
154	4569	4570	SN	1	0.0	48.223	4.877	0.0	47.013	5.552	0.0	39.752	3.387	0.0	40.681	4.006	0.0	48.838	4.879	0.0	50.608	5.787	0.0	40.416	3.591	0.0	42.968	4.039
155	4569	4570	SN	1	0.0	52.586	12.931	0.0	48.252	14.702	0.0	44.784	9.284	0.0	44.235	11.401	0.0	51.881	12.851	0.0	48.38	14.692	0.0	44.235	9.794	0.0	45.969	11.804
156	4569	4570	SN	1	0.0	48.223	4.717	0.0	47.013	5.384	0.0	39.752	3.278	0.0	40.681	3.886	0.0	48.838	4.706	0.0	50.608	5.599	0.0	40.416	3.453	0.0	42.968	3.911
157	4569	4570	SN	1	0.0	48.223	4.717	0.0	47.013	5.326	0.0	39.752	3.278	0.0	40.681	3.845	0.0	48.838	4.706	0.0	50.608	5.539	0.0	40.416	3.453	0.0	42.968	3.872
158	4569	4570	NS	1	0.0	54.272	8.251	0.0	50.042	7.098	0.0	47.727	6.025	0.0	47.448	6.336	0.0	57.06	7.808	0.0	50.726	6.514	0.0	45.875	5.897	0.0	46.906	5.873
159	4570	4571	NS	1	0.0	47.265	7.898	0.0	48.553	7.111	0.0	42.654	5.503	0.0	44.342	5.462	0.0	47.883	7.283	0.0	48.498	6.577	0.0	44.82	5.311	0.0	43.634	5.063
160	4570	4571	SN	1	0.0	47.7	4.264	0.0	57.913	5.176	0.0	44.305	3.02	0.0	42.434	3.805	0.0	50.762	4.354	0.0	59.284	5.272	0.0	42.445	3.22	0.0	41.837	3.885
161	4570	4571	NS	1	0.0	45.491	7.375	0.0	49.318	7.008	0.0	48.123	5.605	0.0	43.944	5.752	0.0	44.474	6.871	0.0	49.859	6.313	0.0	47.846	5.27	0.0	47.432	4.975
162	4570	4571	SN	1	0.0	57.146	10.97	0.0	52.044	12.136	0.0	42.996	9.041	0.0	50.011	10.825	0.0	55.078	11.091	0.0	53.208	12.055	0.0	41.32	9.261	0.0	49.954	11.182
163	4570	4571	NS	1	0.0	44.102	2.629	0.0	51.008	2.438	0.0	41.057	1.744	0.0	44.442	1.732	0.0	43.73	2.362	0.0	50.514	2.073	0.0	37.751	1.584	0.0	44.298	1.445
164	4570	4571	SN	1	0.0	57.146	10.974	0.0	52.044	12.269	0.0	42.996	9.02	0.0	50.011	10.954	0.0	55.078	11.104	0.0	53.208	12.197	0.0	41.32	9.261	0.0	49.954	11.293
165	4570	4571	SN	1	0.0	47.7	4.517	0.0	57.913	5.37	0.0	44.305	3.192	0.0	42.434	3.966	0.0	50.762	4.625	0.0	59.284	5.493	0.0	42.445	3.41	0.0	41.837	4.046
166	4570	4571	NS	1	0.0	45.517	2.639	0.0	42.607	2.448	0.0	40.316	1.697	0.0	41.453	1.872	0.0	45.393	2.327	0.0	45.437	2.102	0.0	40.534	1.565	0.0	42.964	1.605
167	4570	4571	SN	1	0.0	47.7	4.28	0.0	57.913	5.112	0.0	44.305	3.024	0.0	42.434	3.768	0.0	50.762	4.361	0.0	59.284	5.211	0.0	42.445	3.217	0.0	41.837	3.837
168	4570	4571	SN	1	0.0	57.146	11.408	0.0	52.044	12.565	0.0	42.996	9.523	0.0	50.011	11.408	0.0	55.078	11.602	0.0	53.208	12.597	0.0	41.32	9.796	0.0	49.954	11.782
169	4571	4572	SN	1	0.0	53.726	9.728	0.0	51.846	10.548	0.0	49.255	7.955	0.0	52.275	9.048	0.0	53.687	9.547	0.0	53.133	10.154	0.0	48.409	7.636	0.0	52.49	8.671
170	4571	4572	NS	1	0.0	49.937	10.611	0.0	48.797	9.337	0.0	45.033	7.167	0.0	46.956	6.567	0.0	53.036	10.641	0.0	46.76	9.418	0.0	44.291	7.467	0.0	45.472	6.588
171	4571	4572	SN	1	0.0	53.726	9.721	0.0	51.846	10.681	0.0	49.255	7.955	0.0	52.275	9.127	0.0	53.687	9.53	0.0	53.133	10.272	0.0	48.409	7.636	0.0	52.49	8.745
172	4571	4572	SN	1	0.0	49.676	4.051	0.0	57.616	4.154	0.0	45.507	2.623	0.0	50.389	3.14	0.0	50.671	3.794	0.0	53.91	4.064	0.0	43.008	2.471	0.0	51.09	2.863
173	4571	4572	SN	1	0.0	49.676	4.241	0.0	57.616	4.337	0.0	45.507	2.785	0.0	50.389	3.272	0.0	50.671	3.941	0.0	53.91	4.225	0.0	43.008	2.647	0.0	51.09	3.001
174	4571	4572	NS	1	0.0	40.128	3.138	0.0	49.142	2.766	0.0	37.928	2.199	0.0	40.502	2.048	0.0	39.801	3.194	0.0	46.241	2.771	0.0	38.089	2.234	0.0	40.492	2.013
175	4571	4572	NS	1	0.0	46.614	3.124	0.0	46.647	2.705	0.0	43.758	2.279	0.0	42.071	2.093	0.0	44.33	3.095	0.0	48.459	2.753	0.0	40.024	2.298	0.0	41.618	2.032

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

176	4571	4572	SN	1	0.0	49.676	4.058	0.0	57.616	4.196	0.0	45.507	2.609	0.0	50.389	3.19	0.0	50.671	3.786	0.0	53.91	4.107	0.0	43.008	2.477	0.0	51.09	2.94
177	4571	4572	SN	1	0.0	53.726	9.847	0.0	51.846	10.394	0.0	49.255	8.476	0.0	52.275	9.338	0.0	53.687	9.648	0.0	53.133	10.139	0.0	48.409	8.101	0.0	52.49	8.915
178	4571	4572	NS	1	0.0	48.376	10.458	0.0	48.526	9.398	0.0	42.408	7.438	0.0	44.124	6.474	0.0	51.477	10.73	0.0	47.991	9.539	0.0	41.165	7.552	0.0	44.814	6.631
179	4572	4573	NS	1	0.0	49.532	7.668	0.0	48.774	6.264	0.0	43.342	5.558	0.0	50.483	5.468	0.0	45.874	7.054	0.0	50.365	5.902	0.0	43.163	5.358	0.0	51.38	5.304
180	4572	4573	NS	1	0.0	49.829	2.504	0.0	46.795	2.093	0.0	40.208	1.718	0.0	46.879	1.696	0.0	48.944	2.303	0.0	48.762	1.926	0.0	37.266	1.621	0.0	49.152	1.641
181	4572	4573	NS	1	0.0	49.829	2.504	0.0	46.795	2.093	0.0	40.208	1.718	0.0	46.879	1.696	0.0	48.944	2.303	0.0	48.762	1.926	0.0	37.266	1.621	0.0	49.152	1.641
182	4572	4573	NS	1	0.0	49.532	7.668	0.0	48.774	6.264	0.0	43.342	5.558	0.0	50.483	5.468	0.0	45.874	7.054	0.0	50.365	5.902	0.0	43.163	5.358	0.0	51.38	5.304
183	4572	4573	SN	1	0.0	49.456	6.918	0.0	55.943	7.513	0.0	46.903	4.957	0.0	49.14	6.262	0.0	50.562	6.244	0.0	61.334	6.805	0.0	48.053	4.702	0.0	49.245	5.707
184	4572	4573	SN	1	0.0	50.576	3.266	0.0	55.831	3.456	0.0	47.849	1.794	0.0	49.266	2.453	0.0	47.776	2.969	0.0	55.824	3.09	0.0	48.577	1.649	0.0	48.669	2.17
185	4573	4574	NS	1	0.0	50.881	2.644	0.0	57.496	2.246	0.0	42.153	1.565	0.0	42.391	1.44	0.0	50.572	2.465	0.0	52.769	2.044	0.0	41.405	1.471	0.0	40.554	1.294
186	4573	4574	NS	1	0.0	51.291	9.319	0.0	49.999	7.898	0.0	43.314	5.755	0.0	47.077	5.662	0.0	51.359	8.704	0.0	51.242	7.415	0.0	47.0	5.491	0.0	45.312	5.191
187	4573	4574	SN	1	0.0	54.999	2.617	0.0	57.358	2.81	0.0	43.936	1.723	0.0	48.573	2.153	0.0	52.744	2.392	0.0	54.496	2.561	0.0	44.946	1.587	0.0	50.3	2.018
188	4573	4574	SN	1	0.0	59.734	5.428	0.0	53.854	5.956	0.0	45.2	4.965	0.0	46.668	5.144	0.0	61.211	5.196	0.0	53.273	5.693	0.0	46.092	4.702	0.0	46.903	4.873
189	4573	4574	NS	1	0.0	51.291	9.319	0.0	49.999	7.898	0.0	43.314	5.755	0.0	47.077	5.662	0.0	51.359	8.704	0.0	51.242	7.415	0.0	47.0	5.491	0.0	45.312	5.191
190	4573	4574	NS	1	0.0	50.881	2.644	0.0	57.496	2.246	0.0	42.153	1.565	0.0	42.391	1.44	0.0	50.572	2.465	0.0	52.769	2.044	0.0	41.405	1.471	0.0	40.554	1.294
191	4574	4575	NS	1	0.0	52.253	5.924	0.0	52.268	5.984	0.0	44.99	4.894	0.0	46.415	4.493	0.0	53.789	5.501	0.0	49.975	5.621	0.0	42.511	4.544	0.0	46.744	4.236
192	4574	4575	SN	1	0.0	57.027	6.869	0.0	51.363	8.07	0.0	48.437	4.93	0.0	52.12	6.369	0.0	54.331	6.658	0.0	54.164	7.594	0.0	49.328	4.823	0.0	51.689	5.877
193	4574	4575	NS	1	0.0	43.245	2.006	0.0	47.536	1.863	0.0	39.781	1.57	0.0	39.795	1.472	0.0	41.351	1.802	0.0	42.634	1.634	0.0	36.845	1.423	0.0	38.691	1.394
194	4574	4575	SN	1	0.0	49.14	2.417	0.0	52.497	2.758	0.0	45.234	1.617	0.0	48.443	2.128	0.0	48.445	2.198	0.0	54.798	2.477	0.0	43.118	1.541	0.0	49.692	1.916
195	4575	4576	SN	1	0.0	56.453	8.235	0.0	50.118	9.005	0.0	47.126	6.468	0.0	46.427	7.181	0.0	56.447	8.114	0.0	50.016	8.742	0.0	47.831	6.269	0.0	45.678	6.619
196	4575	4576	NS	1	0.0	50.013	2.211	0.0	46.487	2.204	0.0	42.634	1.65	0.0	38.301	1.63	0.0	49.938	1.869	0.0	45.941	1.948	0.0	39.225	1.486	0.0	36.981	1.404
197	4575	4576	SN	1	0.0	48.939	2.81	0.0	53.186	3.065	0.0	49.425	1.894	0.0	43.294	2.298	0.0	50.765	2.682	0.0	50.436	2.904	0.0	47.382	1.772	0.0	42.005	2.099
198	4575	4576	NS	1	0.0	50.013	2.254	0.0	46.487	2.246	0.0	42.634	1.683	0.0	38.301	1.662	0.0	49.938	1.905	0.0	45.941	1.985	0.0	39.225	1.517	0.0	36.981	1.431
199	4575	4576	NS	1	0.0	52.352	6.721	0.0	52.629	5.89	0.0	51.085	4.92	0.0	43.817	4.768	0.0	51.816	5.925	0.0	53.153	5.155	0.0	49.69	4.685	0.0	42.322	4.241
200	4575	4576	NS	1	0.0	52.352	6.853	0.0	52.629	6.006	0.0	51.085	5.021	0.0	43.817	4.868	0.0	51.816	6.04	0.0	53.153	5.265	0.0	49.69	4.782	0.0	42.322	4.329
201	4576	4577	NS	1	0.0	44.486	3.885	0.0	46.517	3.352	0.0	39.397	2.573	0.0	39.074	2.677	0.0	44.202	3.587	0.0	44.134	3.225	0.0	41.895	2.493	0.0	37.635	2.48
202	4576	4577	SN	1	0.0	49.735	2.846	0.0	48.123	2.999	0.0	39.8	2.568	0.0	43.646	2.788	0.0	50.605	2.666	0.0	50.139	2.706	0.0	42.531	2.46	0.0	44.202	2.511
203	4576	4577	NS	1	0.0	50.401	10.388	0.0	48.378	9.465	0.0	45.189	8.031	0.0	42.898	8.046	0.0	51.496	10.096	0.0	49.177	9.294	0.0	42.811	7.874	0.0	42.749	7.982
204	4576	4577	SN	1	0.0	47.9	7.047	0.0	60.847	7.115	0.0	45.701	7.042	0.0	44.6	8.07	0.0	46.784	6.544	0.0	58.688	6.438	0.0	44.243	6.73	0.0	45.409	7.301
205	4577	4578	NS	1	0.0	45.636	4.816	0.0	42.601	4.052	0.0	38.41	3.299	0.0	49.334	3.22	0.0	48.284	4.637	0.0	43.065	4.013	0.0	37.285	3.314	0.0	45.116	3.199
206	4577	4578	NS	1	0.0	51.919	15.055	0.0	51.807	14.183	0.0	42.812	10.142	0.0	44.111	10.284	0.0	49.406	14.727	0.0	53.454	13.811	0.0	42.487	10.544	0.0	44.103	10.392

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	4550	4551	SN	1	0.0	32.053	15.83	0.0	27.277	14.006	0.0	185.072	13.981	0.0	17.466	12.962	0.0	2.033	0.0	0.0	2.042	0.0	0.0	2.219	0.0	0.0	2.302	0.0
2	4550	4551	NS	1	0.0	28.025	8.123	0.0	25.772	8.32	0.0	352.842	2.111	0.0	39.399	1.69	0.0	1.901	0.0	0.0	1.858	0.0	0.0	2.027	0.0	0.0	2.007	0.0
3	4550	4551	SN	1	0.0	30.597	15.783	0.0	27.277	14.162	0.0	185.072	13.799	0.0	64.421	13.427	0.0	2.033	0.0	0.0	2.042	0.0	0.0	2.219	0.0	0.0	2.302	0.0
4	4550	4551	NS	1	0.0	27.244	15.028	0.0	31.871	14.225	0.0	354.992	10.521	0.0	56.308	10.016	0.0	1.909	0.0	0.0	1.868	0.0	0.0	2.033	0.0	0.0	2.008	0.0
5	4550	4551	SN	1	0.0	24.718	9.582	0.0	26.704	9.93	0.0	209.024	4.102	0.0	14.3	3.858	0.0	2.029	0.0	0.0	2.106	0.0	0.0	2.218	0.0	0.0	2.298	0.0
6	4550	4551	SN	1	0.0	32.053	15.806	0.0	27.277	14.16	0.0	185.072	13.796	0.0	64.421	13.302	0.0	2.033	0.0	0.0	2.042	0.0	0.0	2.219	0.0	0.0	2.302	0.0
7	4550	4551	SN	1	0.0	24.718	9.529	0.0	28.171	10.0	0.0	209.024	4.042	0.0	152.526	4.026	0.0	2.029	0.0	0.0	2.106	0.0	0.0	2.218	0.0	0.0	2.298	0.0
8	4550	4551	SN	1	0.0	24.718	9.534	0.0	28.171	9.948	0.0	209.024	4.041	0.0	152.526	3.981	0.0	2.029	0.0	0.0	2.106	0.0	0.0	2.218	0.0	0.0	2.298	0.0
9	4551	4552	SN	1	0.0	32.059	15.856	0.0	27.277	14.102	0.0	227.996	13.96	0.0	20.632	13.092	0.0	2.023	0.0	0.0	2.02	0.0	0.0	2.219	0.0	0.0	2.301	0.0
10	4551	4552	SN	1	0.0	30.31	15.801	0.0	27.277	14.189	0.0	227.996	13.842	0.0	65.226	13.418	0.0	2.023	0.0	0.0	2.02	0.0	0.0	2.219	0.0	0.0	2.301	0.0
11	4551	4552	SN	1	0.0	24.713	9.562	0.0	26.924	9.973	0.0	201.915	4.107	0.0	14.322	3.923	0.0	2.026	0.0	0.0	2.104	0.0	0.0	2.215	0.0	0.0	2.294	0.0
12	4551	4552	SN	1	0.0	24.713	9.523	0.0	27.691	10.034	0.0	201.915	4.07	0.0	155.007	4.058	0.0	2.026	0.0	0.0	2.104	0.0	0.0	2.215	0.0	0.0	2.294	0.0
13	4551	4552	NS	1	0.0	27.994	8.071	0.0	25.766	8.271	0.0	342.854	2.109	0.0	34.171	1.686	0.0	1.9	0.0	0.0	1.859	0.0	0.0	2.026	0.0	0.0	2.007	0.0
14	4551	4552	NS	1	0.0	27.991	8.083	0.0	25.766	8.27	0.0	356.586	2.119	0.0	38.114	1.657	0.0	1.9	0.0	0.0	1.857	0.0	0.0	2.026	0.0	0.0	2.007	0.0
15	4551	4552	NS	1	0.0	27.222	14.926	0.0	31.871	14.212	0.0	354.104	10.396	0.0	38.247	9.969	0.0	1.909	0.0	0.0	1.868	0.0	0.0	2.033	0.0	0.0	2.007	0.0
16	4551	4552	NS	1	0.0	27.244	14.988	0.0	31.871	14.156	0.0	356.586	10.395	0.0	51.267	9.968	0.0	1.909	0.0	0.0	1.868	0.0	0.0	2.032	0.0	0.0	2.008	0.0
17	4551	4552	SN	1	0.0	24.713	9.563	0.0	26.924	9.973	0.0	201.915	4.109	0.0	14.322	3.923	0.0	2.026	0.0	0.0	2.104	0.0	0.0	2.215	0.0	0.0	2.294	0.0
18	4551	4552	SN	1	0.0	32.059	15.844	0.0	27.277	14.102	0.0	227.996	13.952	0.0	20.632	13.092	0.0	2.023	0.0	0.0	2.02	0.0	0.0	2.219	0.0	0.0	2.301	0.0
19	4552	4553	NS	1	0.0	27.936	8.089	0.0	25.772	8.24	0.0	354.066	2.136	0.0	34.551	1.682	0.0	1.899	0.0	0.0	1.858	0.0	0.0	2.026	0.0	0.0	2.007	0.0
20	4552	4553	SN	1	0.0	24.729	9.541	0.0	27.74	9.992	0.0	205.845	4.066	0.0	67.669	4.092	0.0	2.032	0.0	0.0	2.112	0.0	0.0	2.221	0.0	0.0	2.316	0.0
21	4552	4553	SN	1	0.0	24.729	9.536	0.0	27.735	10.047	0.0	205.845	4.066	0.0	67.669	4.137	0.0	2.032	0.0	0.0	2.112	0.0	0.0	2.221	0.0	0.0	2.316	0.0
22	4552	4553	SN	1	0.0	32.026	15.808	0.0	27.294	14.159	0.0	225.927	13.857	0.0	71.701	13.394	0.0	2.016	0.0	0.0	2.024	0.0	0.0	2.226	0.0	0.0	2.276	0.0
23	4552	4553	SN	1	0.0	24.729	9.581	0.0	26.643	9.984	0.0	205.845	4.119	0.0	14.322	4.001	0.0	2.032	0.0	0.0	2.112	0.0	0.0	2.221	0.0	0.0	2.316	0.0
24	4552	4553	NS	1	0.0	27.222	14.926	0.0	31.915	14.146	0.0	355.627	10.566	0.0	51.791	9.932	0.0	1.908	0.0	0.0	1.867	0.0	0.0	2.033	0.0	0.0	2.007	0.0
25	4552	4553	SN	1	0.0	32.026	15.8	0.0	27.294	14.056	0.0	225.927	14.004	0.0	19.242	13.141	0.0	2.016	0.0	0.0	2.024	0.0	0.0	2.226	0.0	0.0	2.276	0.0
26	4552	4553	NS	1	0.0	27.222	14.926	0.0	31.915	14.146	0.0	355.627	10.566	0.0	51.791	9.932	0.0	1.908	0.0	0.0	1.867	0.0	0.0	2.033	0.0	0.0	2.007	0.0
27	4552	4553	SN	1	0.0	30.658	15.781	0.0	27.294	14.169	0.0	225.927	13.857	0.0	71.745	13.519	0.0	2.016	0.0	0.0	2.024	0.0	0.0	2.226	0.0	0.0	2.276	0.0
28	4552	4553	NS	1	0.0	27.936	8.089	0.0	25.772	8.24	0.0	354.066	2.136	0.0	34.551	1.682	0.0	1.899	0.0	0.0	1.858	0.0	0.0	2.026	0.0	0.0	2.007	0.0
29	4553	4554	SN	1	0.0	24.724	9.583	0.0	27.106	9.982	0.0	238.43	4.155	0.0	14.317	3.981	0.0	2.033	0.0	0.0	2.154	0.0	0.0	2.227	0.0	0.0	2.296	0.0
30	4553	4554	NS	1	0.0	27.961	8.078	0.0	25.772	8.249	0.0	354.127	2.129	0.0	34.96	1.644	0.0	1.901	0.0	0.0	1.857	0.0	0.0	2.028	0.0	0.0	2.006	0.0
31	4553	4554	NS	1	0.0	27.961	8.073	0.0	25.772	8.247	0.0	354.121	2.132	0.0	34.943	1.64	0.0	1.901	0.0	0.0	1.857	0.0	0.0	2.028	0.0	0.0	2.006	0.0

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

32	4553	4554	SN	1	0.0	31.976	15.685	0.0	27.294	13.904	0.0	219.326	14.014	0.0	16.457	12.969	0.0	2.028	0.0	0.0	2.057	0.0	0.0	2.215	0.0	0.0	2.313	0.0
33	4553	4554	SN	1	0.0	24.724	9.538	0.0	27.961	10.0	0.0	238.458	4.094	0.0	142.351	4.117	0.0	2.033	0.0	0.0	2.154	0.0	0.0	2.227	0.0	0.0	2.296	0.0
34	4553	4554	NS	1	0.0	27.217	14.855	0.0	31.915	14.234	0.0	354.099	10.503	0.0	38.93	9.806	0.0	1.91	0.0	0.0	1.866	0.0	0.0	2.033	0.0	0.0	2.007	0.0
35	4553	4554	NS	1	0.0	27.217	14.866	0.0	31.915	14.244	0.0	354.099	10.517	0.0	38.908	9.841	0.0	1.91	0.0	0.0	1.865	0.0	0.0	2.034	0.0	0.0	2.007	0.0
36	4553	4554	SN	1	0.0	29.218	15.68	0.0	27.294	14.235	0.0	219.326	13.802	0.0	62.805	13.546	0.0	2.028	0.0	0.0	2.057	0.0	0.0	2.215	0.0	0.0	2.313	0.0
37	4553	4554	SN	1	0.0	24.724	9.532	0.0	27.961	10.043	0.0	238.43	4.085	0.0	142.665	4.157	0.0	2.033	0.0	0.0	2.154	0.0	0.0	2.227	0.0	0.0	2.296	0.0
38	4553	4554	SN	1	0.0	31.97	15.707	0.0	27.294	14.172	0.0	219.359	13.83	0.0	62.75	13.384	0.0	2.028	0.0	0.0	2.057	0.0	0.0	2.215	0.0	0.0	2.313	0.0
39	4554	4555	SN	1	0.0	30.939	15.643	0.0	27.718	14.203	0.0	155.413	13.824	0.0	69.34	13.531	0.0	2.022	0.0	0.0	2.033	0.0	0.0	2.22	0.0	0.0	2.324	0.0
40	4554	4555	SN	1	0.0	32.086	15.669	0.0	27.2	13.813	0.0	155.413	14.157	0.0	14.819	12.807	0.0	2.022	0.0	0.0	2.033	0.0	0.0	2.22	0.0	0.0	2.324	0.0
41	4554	4555	SN	1	0.0	24.729	9.52	0.0	27.696	10.038	0.0	278.816	4.08	0.0	146.001	4.159	0.0	2.045	0.0	0.0	2.15	0.0	0.0	2.23	0.0	0.0	2.307	0.0
42	4554	4555	NS	1	0.0	28.016	8.071	0.0	25.755	8.265	0.0	354.182	2.122	0.0	35.539	1.663	0.0	1.899	0.0	0.0	1.858	0.0	0.0	2.029	0.0	0.0	2.006	0.0
43	4554	4555	SN	1	0.0	32.086	15.689	0.0	27.299	14.143	0.0	155.606	13.817	0.0	69.235	13.383	0.0	2.022	0.0	0.0	2.032	0.0	0.0	2.221	0.0	0.0	2.323	0.0
44	4554	4555	NS	1	0.0	27.222	14.975	0.0	34.248	14.215	0.0	354.049	10.518	0.0	39.465	9.877	0.0	1.91	0.0	0.0	1.869	0.0	0.0	2.032	0.0	0.0	2.007	0.0
45	4554	4555	NS	1	0.0	27.222	15.005	0.0	34.254	14.225	0.0	354.049	10.504	0.0	39.493	9.885	0.0	1.909	0.0	0.0	1.865	0.0	0.0	2.032	0.0	0.0	2.006	0.0
46	4554	4555	SN	1	0.0	24.729	9.597	0.0	26.235	9.949	0.0	278.816	4.189	0.0	14.328	3.975	0.0	2.045	0.0	0.0	2.15	0.0	0.0	2.23	0.0	0.0	2.307	0.0
47	4554	4555	SN	1	0.0	24.729	9.529	0.0	27.696	9.984	0.0	279.489	4.09	0.0	145.637	4.124	0.0	2.046	0.0	0.0	2.15	0.0	0.0	2.23	0.0	0.0	2.307	0.0
48	4554	4555	NS	1	0.0	28.016	8.071	0.0	25.755	8.249	0.0	354.182	2.132	0.0	35.566	1.676	0.0	1.899	0.0	0.0	1.859	0.0	0.0	2.029	0.0	0.0	2.006	0.0
49	4555	4556	SN	1	0.0	24.74	9.525	0.0	27.972	9.979	0.0	208.484	4.112	0.0	69.472	4.081	0.0	2.045	0.0	0.0	2.16	0.0	0.0	2.228	0.0	0.0	2.312	0.0
50	4555	4556	NS	1	0.0	27.9	8.099	0.0	25.772	8.259	0.0	319.283	2.126	0.0	66.119	1.667	0.0	1.9	0.0	0.0	1.858	0.0	0.0	2.03	0.0	0.0	2.007	0.0
51	4555	4556	SN	1	0.0	24.74	9.522	0.0	27.316	10.039	0.0	208.484	4.108	0.0	69.643	4.127	0.0	2.045	0.0	0.0	2.16	0.0	0.0	2.228	0.0	0.0	2.312	0.0
52	4555	4556	NS	1	0.0	27.448	8.11	0.0	25.772	8.249	0.0	349.086	2.122	0.0	58.635	1.645	0.0	1.899	0.0	0.0	1.858	0.0	0.0	2.03	0.0	0.0	2.006	0.0
53	4555	4556	SN	1	0.0	32.026	15.723	0.0	27.161	13.685	0.0	166.145	14.292	0.0	15.74	12.677	0.0	2.03	0.0	0.0	2.001	0.0	0.0	2.222	0.0	0.0	2.326	0.0
54	4555	4556	SN	1	0.0	24.74	9.636	0.0	25.7	9.931	0.0	208.484	4.286	0.0	14.289	3.931	0.0	2.045	0.0	0.0	2.16	0.0	0.0	2.228	0.0	0.0	2.312	0.0
55	4555	4556	NS	1	0.0	27.222	14.966	0.0	34.331	14.225	0.0	358.412	10.447	0.0	40.171	10.013	0.0	1.908	0.0	0.0	1.872	0.0	0.0	2.031	0.0	0.0	2.006	0.0
56	4555	4556	NS	1	0.0	27.266	15.025	0.0	31.937	14.161	0.0	351.198	10.492	0.0	40.894	9.971	0.0	1.908	0.0	0.0	1.872	0.0	0.0	2.031	0.0	0.0	2.007	0.0
57	4555	4556	SN	1	0.0	29.809	15.663	0.0	27.294	14.144	0.0	166.145	13.838	0.0	87.269	13.515	0.0	2.03	0.0	0.0	2.001	0.0	0.0	2.222	0.0	0.0	2.326	0.0
58	4555	4556	SN	1	0.0	32.026	15.699	0.0	27.294	14.124	0.0	166.145	13.838	0.0	87.082	13.39	0.0	2.03	0.0	0.0	2.001	0.0	0.0	2.222	0.0	0.0	2.326	0.0
59	4556	4557	NS	1	0.0	27.928	8.124	0.0	25.766	8.271	0.0	332.552	2.099	0.0	41.048	1.676	0.0	1.9	0.0	0.0	1.859	0.0	0.0	2.029	0.0	0.0	2.007	0.0
60	4556	4557	NS	1	0.0	27.277	15.04	0.0	31.976	14.241	0.0	351.512	10.425	0.0	44.142	9.971	0.0	1.908	0.0	0.0	1.871	0.0	0.0	2.031	0.0	0.0	2.008	0.0
61	4556	4557	NS	1	0.0	27.277	15.051	0.0	31.97	14.241	0.0	351.474	10.426	0.0	44.065	9.978	0.0	1.91	0.0	0.0	1.868	0.0	0.0	2.032	0.0	0.0	2.007	0.0
62	4556	4557	SN	1	0.0	29.13	15.734	0.0	27.255	14.167	0.0	152.639	13.75	0.0	63.241	13.505	0.0	2.043	0.0	0.0	2.059	0.0	0.0	2.233	0.0	0.0	2.329	0.0
63	4556	4557	SN	1	0.0	31.998	15.76	0.0	27.255	14.124	0.0	152.821	13.763	0.0	63.086	13.39	0.0	2.044	0.0	0.0	2.058	0.0	0.0	2.234	0.0	0.0	2.329	0.0
64	4556	4557	SN	1	0.0	24.707	9.736	0.0	25.474	9.929	0.0	248.903	4.34	0.0	14.333	3.881	0.0	2.05	0.0	0.0	2.129	0.0	0.0	2.241	0.0	0.0	2.322	0.0
65	4556	4557	NS	1	0.0	27.578	8.142	0.0	25.766	8.283	0.0	332.408	2.097	0.0	40.965	1.676	0.0	1.901	0.0	0.0	1.858	0.0	0.0	2.03	0.0	0.0	2.007	0.0
66	4556	4557	SN	1	0.0	24.707	9.555	0.0	27.421	10.031	0.0	248.903	4.086	0.0	147.193	4.069	0.0	2.05	0.0	0.0	2.129	0.0	0.0	2.241	0.0	0.0	2.322	0.0
67	4556	4557	SN	1	0.0	24.707	9.547	0.0	27.288	9.953	0.0	247.899	4.086	0.0	146.603	4.031	0.0	2.044	0.0	0.0	2.169	0.0	0.0	2.237	0.0	0.0	2.313	0.0
68	4556	4557	SN	1	0.0	32.423	15.891	0.0	26.301	13.564	0.0	152.639	14.354	0.0	15.751	12.515	0.0	2.043	0.0	0.0	2.059	0.0	0.0	2.233	0.0	0.0	2.329	0.0

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

69	4557	4558	NS	1	0.0	26.875	8.119	0.0	25.766	8.264	0.0	356.244	2.09	0.0	78.793	1.68	0.0	1.9	0.0	0.0	1.86	0.0	0.0	2.028	0.0	0.0	2.006	0.0
70	4557	4558	SN	1	0.0	31.209	15.746	0.0	27.707	14.162	0.0	355.318	13.813	0.0	59.794	13.368	0.0	2.044	0.0	0.0	2.034	0.0	0.0	2.232	0.0	0.0	2.328	0.0
71	4557	4558	NS	1	0.0	27.589	8.11	0.0	25.766	8.28	0.0	356.239	2.084	0.0	41.749	1.678	0.0	1.902	0.0	0.0	1.858	0.0	0.0	2.027	0.0	0.0	2.007	0.0
72	4557	4558	SN	1	0.0	24.729	9.555	0.0	28.027	9.912	0.0	187.838	4.052	0.0	72.346	3.951	0.0	2.051	0.0	0.0	2.154	0.0	0.0	2.23	0.0	0.0	2.323	0.0
73	4557	4558	SN	1	0.0	24.729	9.554	0.0	28.027	9.912	0.0	238.783	4.066	0.0	67.983	3.946	0.0	2.048	0.0	0.0	2.168	0.0	0.0	2.241	0.0	0.0	2.294	0.0
74	4557	4558	NS	1	0.0	27.283	14.978	0.0	32.015	14.23	0.0	351.805	10.375	0.0	46.265	9.999	0.0	1.907	0.0	0.0	1.866	0.0	0.0	2.032	0.0	0.0	2.008	0.0
75	4557	4558	NS	1	0.0	27.25	14.968	0.0	32.004	14.25	0.0	351.772	10.361	0.0	44.153	10.035	0.0	1.911	0.0	0.0	1.863	0.0	0.0	2.033	0.0	0.0	2.008	0.0
76	4557	4558	SN	1	0.0	32.147	15.746	0.0	27.707	14.172	0.0	355.417	13.806	0.0	59.794	13.369	0.0	2.044	0.0	0.0	2.034	0.0	0.0	2.232	0.0	0.0	2.328	0.0
77	4558	4559	NS	1	0.0	27.266	14.963	0.0	31.722	14.258	0.0	356.785	10.393	0.0	48.311	9.925	0.0	1.911	0.0	0.0	1.866	0.0	0.0	2.033	0.0	0.0	2.007	0.0
78	4558	4559	NS	1	0.0	26.886	8.099	0.0	25.766	8.269	0.0	351.231	2.083	0.0	34.767	1.671	0.0	1.899	0.0	0.0	1.861	0.0	0.0	2.029	0.0	0.0	2.007	0.0
79	4558	4559	SN	1	0.0	24.74	9.531	0.0	27.454	9.921	0.0	187.129	4.044	0.0	68.965	3.955	0.0	2.086	0.0	0.0	2.223	0.0	0.0	2.28	0.0	0.0	2.396	0.0
80	4558	4559	SN	1	0.0	31.187	15.766	0.0	27.707	14.172	0.0	355.935	13.734	0.0	60.34	13.418	0.0	2.091	0.0	0.0	2.057	0.0	0.0	2.272	0.0	0.0	2.383	0.0
81	4559	4560	NS	1	0.0	26.891	8.12	0.0	25.761	8.294	0.0	351.413	2.062	0.0	35.015	1.673	0.0	1.901	0.0	0.0	1.859	0.0	0.0	2.029	0.0	0.0	2.006	0.0
82	4559	4560	SN	1	0.0	24.718	9.528	0.0	27.476	9.945	0.0	261.946	4.053	0.0	70.112	3.965	0.0	2.049	0.0	0.0	2.172	0.0	0.0	2.245	0.0	0.0	2.323	0.0
83	4559	4560	NS	1	0.0	27.255	14.935	0.0	36.405	14.248	0.0	352.549	10.313	0.0	48.587	9.939	0.0	1.91	0.0	0.0	1.867	0.0	0.0	2.033	0.0	0.0	2.007	0.0
84	4559	4560	SN	1	0.0	31.099	15.774	0.0	27.707	14.193	0.0	96.132	13.782	0.0	66.621	13.404	0.0	2.045	0.0	0.0	2.042	0.0	0.0	2.24	0.0	0.0	2.338	0.0
85	4560	4561	SN	1	0.0	24.724	9.55	0.0	27.564	9.935	0.0	266.204	4.071	0.0	72.495	3.975	0.0	2.061	0.0	0.0	2.186	0.0	0.0	2.252	0.0	0.0	2.313	0.0
86	4560	4561	NS	1	0.0	27.272	14.969	0.0	31.722	14.253	0.0	356.36	10.363	0.0	49.056	9.919	0.0	1.909	0.0	0.0	1.867	0.0	0.0	2.031	0.0	0.0	2.007	0.0
87	4560	4561	NS	1	0.0	27.569	8.149	0.0	25.766	8.246	0.0	356.36	2.067	0.0	33.068	1.661	0.0	1.899	0.0	0.0	1.859	0.0	0.0	2.027	0.0	0.0	2.007	0.0
88	4560	4561	SN	1	0.0	31.474	15.717	0.0	28.43	14.215	0.0	99.871	13.724	0.0	61.933	13.38	0.0	2.066	0.0	0.0	2.057	0.0	0.0	2.243	0.0	0.0	2.344	0.0
89	4561	4562	NS	1	0.0	27.564	8.119	0.0	25.766	8.26	0.0	351.573	2.079	0.0	38.82	1.67	0.0	1.899	0.0	0.0	1.859	0.0	0.0	2.026	0.0	0.0	2.007	0.0
90	4561	4562	SN	1	0.0	32.263	15.718	0.0	28.43	14.175	0.0	160.172	13.775	0.0	62.948	13.4	0.0	2.064	0.0	0.0	2.07	0.0	0.0	2.249	0.0	0.0	2.349	0.0
91	4561	4562	SN	1	0.0	24.735	9.538	0.0	27.586	9.932	0.0	260.7	4.051	0.0	69.472	3.98	0.0	2.064	0.0	0.0	2.191	0.0	0.0	2.246	0.0	0.0	2.333	0.0
92	4561	4562	NS	1	0.0	27.261	15.01	0.0	31.744	14.251	0.0	353.206	10.412	0.0	55.36	9.969	0.0	1.908	0.0	0.0	1.867	0.0	0.0	2.033	0.0	0.0	2.007	0.0
93	4562	4563	NS	1	0.0	26.864	8.144	0.0	25.766	8.307	0.0	317.259	2.056	0.0	39.482	1.675	0.0	1.899	0.0	0.0	1.86	0.0	0.0	2.029	0.0	0.0	2.007	0.0
94	4562	4563	SN	1	0.0	31.91	15.707	0.0	28.43	14.215	0.0	100.279	13.768	0.0	64.222	13.343	0.0	2.06	0.0	0.0	2.047	0.0	0.0	2.247	0.0	0.0	2.356	0.0
95	4562	4563	NS	1	0.0	27.261	14.959	0.0	31.783	14.263	0.0	341.392	10.37	0.0	56.303	10.019	0.0	1.909	0.0	0.0	1.869	0.0	0.0	2.033	0.0	0.0	2.008	0.0
96	4562	4563	SN	1	0.0	24.74	9.541	0.0	27.597	9.918	0.0	186.28	4.036	0.0	71.392	3.946	0.0	2.061	0.0	0.0	2.198	0.0	0.0	2.255	0.0	0.0	2.371	0.0
97	4563	4564	NS	1	0.0	27.255	15.653	0.0	30.994	13.555	0.0	351.325	11.705	0.0	12.999	9.365	0.0	1.91	0.0	0.0	1.874	0.0	0.0	2.033	0.0	0.0	2.009	0.0
98	4563	4564	NS	1	0.0	27.261	8.722	0.0	25.772	8.391	0.0	331.813	2.356	0.0	11.587	1.787	0.0	1.9	0.0	0.0	1.86	0.0	0.0	2.026	0.0	0.0	2.008	0.0
99	4564	4565	SN	1	0.0	31.375	15.781	0.0	27.757	14.214	0.0	198.132	13.794	0.0	62.176	13.293	0.0	2.081	0.0	0.0	2.084	0.0	0.0	2.261	0.0	0.0	2.367	0.0
100	4564	4565	SN	1	0.0	24.729	9.541	0.0	27.244	9.865	0.0	183.49	4.046	0.0	73.195	3.945	0.0	2.075	0.0	0.0	2.191	0.0	0.0	2.272	0.0	0.0	2.355	0.0
101	4564	4565	SN	1	0.0	31.375	15.796	0.0	27.178	13.839	0.0	198.132	14.182	0.0	15.723	12.668	0.0	2.081	0.0	0.0	2.084	0.0	0.0	2.261	0.0	0.0	2.367	0.0
102	4564	4565	SN	1	0.0	24.729	9.535	0.0	28.104	9.916	0.0	183.49	4.046	0.0	73.234	3.991	0.0	2.075	0.0	0.0	2.191	0.0	0.0	2.272	0.0	0.0	2.355	0.0
103	4564	4565	SN	1	0.0	24.729	9.628	0.0	25.948	9.841	0.0	183.49	4.184	0.0	15.508	3.819	0.0	2.075	0.0	0.0	2.191	0.0	0.0	2.272	0.0	0.0	2.355	0.0
104	4564	4565	SN	1	0.0	29.643	15.754	0.0	27.757	14.214	0.0	198.132	13.794	0.0	62.209	13.418	0.0	2.081	0.0	0.0	2.084	0.0	0.0	2.261	0.0	0.0	2.367	0.0
105	4565	4566	NS	1	0.0	27.261	8.131	0.0	25.766	8.306	0.0	354.463	2.054	0.0	35.561	1.681	0.0	1.899	0.0	0.0	1.861	0.0	0.0	2.024	0.0	0.0	2.007	0.0

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

106	4565	4566	SN	1	0.0	29.152	15.756	0.0	27.718	14.29	0.0	203.013	13.787	0.0	64.04	13.482	0.0	2.08	0.0	0.0	2.05	0.0	0.0	2.267	0.0	0.0	2.375	0.0
107	4565	4566	SN	1	0.0	24.729	9.551	0.0	27.592	9.922	0.0	189.688	4.055	0.0	141.931	3.97	0.0	2.095	0.0	0.0	2.216	0.0	0.0	2.275	0.0	0.0	2.388	0.0
108	4565	4566	NS	1	0.0	27.277	14.949	0.0	31.888	14.312	0.0	354.314	10.346	0.0	39.52	10.055	0.0	1.909	0.0	0.0	1.869	0.0	0.0	2.032	0.0	0.0	2.007	0.0
109	4565	4566	NS	1	0.0	27.277	14.939	0.0	31.888	14.312	0.0	354.32	10.36	0.0	39.532	10.033	0.0	1.909	0.0	0.0	1.869	0.0	0.0	2.032	0.0	0.0	2.007	0.0
110	4565	4566	NS	1	0.0	27.266	8.134	0.0	25.766	8.315	0.0	354.463	2.056	0.0	35.561	1.674	0.0	1.899	0.0	0.0	1.861	0.0	0.0	2.024	0.0	0.0	2.007	0.0
111	4565	4566	SN	1	0.0	24.729	9.545	0.0	27.592	9.963	0.0	189.622	4.058	0.0	142.058	4.018	0.0	2.095	0.0	0.0	2.216	0.0	0.0	2.275	0.0	0.0	2.389	0.0
112	4565	4566	SN	1	0.0	31.386	15.761	0.0	27.713	14.247	0.0	203.073	13.773	0.0	64.007	13.362	0.0	2.08	0.0	0.0	2.049	0.0	0.0	2.267	0.0	0.0	2.372	0.0
113	4565	4566	SN	1	0.0	31.584	15.782	0.0	27.288	14.083	0.0	203.013	13.91	0.0	19.286	13.065	0.0	2.08	0.0	0.0	2.05	0.0	0.0	2.267	0.0	0.0	2.375	0.0
114	4565	4566	SN	1	0.0	24.729	9.579	0.0	27.31	9.891	0.0	189.622	4.104	0.0	15.514	3.873	0.0	2.095	0.0	0.0	2.216	0.0	0.0	2.275	0.0	0.0	2.389	0.0
115	4566	4567	SN	1	0.0	31.744	15.777	0.0	27.288	14.098	0.0	189.396	13.885	0.0	20.538	13.132	0.0	2.088	0.0	0.0	2.046	0.0	0.0	2.282	0.0	0.0	2.372	0.0
116	4566	4567	NS	1	0.0	27.239	14.877	0.0	34.281	14.279	0.0	354.402	10.36	0.0	39.846	9.905	0.0	1.907	0.0	0.0	1.866	0.0	0.0	2.033	0.0	0.0	2.006	0.0
117	4566	4567	NS	1	0.0	27.239	14.897	0.0	34.276	14.26	0.0	354.402	10.346	0.0	39.818	9.898	0.0	1.908	0.0	0.0	1.865	0.0	0.0	2.034	0.0	0.0	2.007	0.0
118	4566	4567	SN	1	0.0	29.174	15.745	0.0	28.463	14.27	0.0	189.396	13.766	0.0	69.792	13.51	0.0	2.088	0.0	0.0	2.046	0.0	0.0	2.282	0.0	0.0	2.372	0.0
119	4566	4567	SN	1	0.0	31.601	15.761	0.0	27.774	14.226	0.0	189.473	13.766	0.0	70.101	13.355	0.0	2.088	0.0	0.0	2.046	0.0	0.0	2.283	0.0	0.0	2.371	0.0
120	4566	4567	NS	1	0.0	26.886	8.097	0.0	25.761	8.265	0.0	354.59	2.093	0.0	58.156	1.658	0.0	1.899	0.0	0.0	1.859	0.0	0.0	2.029	0.0	0.0	2.006	0.0
121	4566	4567	NS	1	0.0	26.886	8.098	0.0	25.761	8.263	0.0	354.579	2.086	0.0	58.112	1.649	0.0	1.9	0.0	0.0	1.859	0.0	0.0	2.029	0.0	0.0	2.006	0.0
122	4566	4567	SN	1	0.0	24.718	9.571	0.0	28.308	9.902	0.0	267.461	4.116	0.0	15.519	3.924	0.0	2.1	0.0	0.0	2.228	0.0	0.0	2.292	0.0	0.0	2.39	0.0
123	4566	4567	SN	1	0.0	24.718	9.531	0.0	28.413	9.974	0.0	267.461	4.08	0.0	144.568	4.07	0.0	2.1	0.0	0.0	2.228	0.0	0.0	2.292	0.0	0.0	2.39	0.0
124	4566	4567	SN	1	0.0	24.735	9.565	0.0	28.308	9.931	0.0	267.974	4.073	0.0	144.347	4.028	0.0	2.1	0.0	0.0	2.228	0.0	0.0	2.293	0.0	0.0	2.39	0.0
125	4567	4568	NS	1	0.0	27.021	8.095	0.0	25.766	8.311	0.0	354.54	2.084	0.0	58.586	1.635	0.0	1.901	0.0	0.0	1.86	0.0	0.0	2.029	0.0	0.0	2.007	0.0
126	4567	4568	NS	1	0.0	27.222	14.958	0.0	31.91	14.195	0.0	354.386	10.291	0.0	39.554	9.9	0.0	1.909	0.0	0.0	1.864	0.0	0.0	2.031	0.0	0.0	2.007	0.0
127	4567	4568	NS	1	0.0	27.015	8.079	0.0	25.766	8.29	0.0	354.557	2.079	0.0	58.724	1.644	0.0	1.899	0.0	0.0	1.86	0.0	0.0	2.028	0.0	0.0	2.007	0.0
128	4567	4568	SN	1	0.0	24.74	9.563	0.0	28.308	10.01	0.0	287.897	4.083	0.0	70.476	4.129	0.0	2.112	0.0	0.0	2.223	0.0	0.0	2.287	0.0	0.0	2.39	0.0
129	4567	4568	SN	1	0.0	24.74	9.547	0.0	28.308	10.012	0.0	286.43	4.099	0.0	70.245	4.134	0.0	2.113	0.0	0.0	2.197	0.0	0.0	2.3	0.0	0.0	2.39	0.0
130	4567	4568	SN	1	0.0	31.309	15.793	0.0	27.774	14.205	0.0	212.173	13.802	0.0	67.691	13.411	0.0	2.095	0.0	0.0	2.055	0.0	0.0	2.284	0.0	0.0	2.371	0.0
131	4567	4568	SN	1	0.0	31.546	15.781	0.0	27.774	14.193	0.0	211.655	13.809	0.0	67.846	13.411	0.0	2.094	0.0	0.0	2.021	0.0	0.0	2.284	0.0	0.0	2.371	0.0
132	4567	4568	NS	1	0.0	27.217	14.978	0.0	31.915	14.215	0.0	354.402	10.326	0.0	39.465	9.892	0.0	1.91	0.0	0.0	1.864	0.0	0.0	2.031	0.0	0.0	2.007	0.0
133	4567	4568	SN	1	0.0	29.152	15.745	0.0	27.774	14.227	0.0	211.655	13.809	0.0	67.912	13.538	0.0	2.094	0.0	0.0	2.021	0.0	0.0	2.284	0.0	0.0	2.371	0.0
134	4567	4568	SN	1	0.0	30.807	15.757	0.0	27.774	14.219	0.0	212.173	13.809	0.0	67.719	13.538	0.0	2.095	0.0	0.0	2.055	0.0	0.0	2.284	0.0	0.0	2.371	0.0
135	4567	4568	SN	1	0.0	24.74	9.55	0.0	28.308	9.961	0.0	286.43	4.099	0.0	70.217	4.088	0.0	2.113	0.0	0.0	2.197	0.0	0.0	2.3	0.0	0.0	2.39	0.0
136	4567	4568	SN	1	0.0	24.74	9.57	0.0	28.308	9.956	0.0	287.897	4.083	0.0	70.371	4.083	0.0	2.112	0.0	0.0	2.223	0.0	0.0	2.287	0.0	0.0	2.39	0.0
137	4568	4569	NS	1	0.0	27.106	8.081	0.0	25.766	8.299	0.0	318.555	2.083	0.0	38.793	1.617	0.0	1.9	0.0	0.0	1.858	0.0	0.0	2.027	0.0	0.0	2.006	0.0
138	4568	4569	SN	1	0.0	29.18	15.707	0.0	28.441	14.221	0.0	221.675	13.776	0.0	58.095	13.525	0.0	2.092	0.0	0.0	2.076	0.0	0.0	2.277	0.0	0.0	2.362	0.0
139	4568	4569	SN	1	0.0	24.724	9.553	0.0	28.314	9.994	0.0	208.125	4.076	0.0	145.555	4.109	0.0	2.114	0.0	0.0	2.234	0.0	0.0	2.306	0.0	0.0	2.378	0.0
140	4568	4569	NS	1	0.0	27.266	15.021	0.0	31.91	14.194	0.0	353.371	10.321	0.0	43.116	9.865	0.0	1.909	0.0	0.0	1.867	0.0	0.0	2.032	0.0	0.0	2.006	0.0
141	4568	4569	SN	1	0.0	30.994	15.743	0.0	28.441	14.199	0.0	221.675	13.776	0.0	58.095	13.405	0.0	2.092	0.0	0.0	2.076	0.0	0.0	2.277	0.0	0.0	2.362	0.0
142	4568	4569	NS	1	0.0	27.266	15.021	0.0	31.91	14.184	0.0	353.354	10.328	0.0	43.116	9.872	0.0	1.909	0.0	0.0	1.867	0.0	0.0	2.032	0.0	0.0	2.006	0.0

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

143	4568	4569	SN	1	0.0	24.724	9.614	0.0	28.314	9.909	0.0	208.125	4.168	0.0	15.519	3.936	0.0	2.114	0.0	0.0	2.234	0.0	0.0	2.306	0.0	0.0	2.378	0.0
144	4568	4569	NS	1	0.0	27.277	15.001	0.0	31.91	14.204	0.0	351.386	10.328	0.0	43.116	9.872	0.0	1.909	0.0	0.0	1.867	0.0	0.0	2.032	0.0	0.0	2.006	0.0
145	4568	4569	SN	1	0.0	30.994	15.742	0.0	27.283	13.962	0.0	221.675	14.055	0.0	15.696	12.897	0.0	2.092	0.0	0.0	2.076	0.0	0.0	2.277	0.0	0.0	2.362	0.0
146	4568	4569	NS	1	0.0	27.106	8.084	0.0	25.766	8.294	0.0	332.601	2.085	0.0	38.793	1.621	0.0	1.9	0.0	0.0	1.858	0.0	0.0	2.027	0.0	0.0	2.006	0.0
147	4568	4569	NS	1	0.0	27.106	8.081	0.0	25.766	8.297	0.0	332.53	2.079	0.0	38.793	1.617	0.0	1.9	0.0	0.0	1.858	0.0	0.0	2.027	0.0	0.0	2.006	0.0
148	4568	4569	SN	1	0.0	24.724	9.56	0.0	28.314	9.94	0.0	208.125	4.076	0.0	145.555	4.063	0.0	2.114	0.0	0.0	2.234	0.0	0.0	2.306	0.0	0.0	2.378	0.0
149	4569	4570	SN	1	0.0	31.138	15.767	0.0	27.161	13.835	0.0	141.868	14.256	0.0	15.69	12.694	0.0	2.098	0.0	0.0	2.055	0.0	0.0	2.276	0.0	0.0	2.368	0.0
150	4569	4570	NS	1	0.0	26.908	8.115	0.0	25.766	8.287	0.0	351.082	2.043	0.0	41.578	1.624	0.0	1.898	0.0	0.0	1.86	0.0	0.0	2.022	0.0	0.0	2.007	0.0
151	4569	4570	SN	1	0.0	31.138	15.755	0.0	28.43	14.179	0.0	141.868	13.856	0.0	64.774	13.34	0.0	2.098	0.0	0.0	2.055	0.0	0.0	2.276	0.0	0.0	2.368	0.0
152	4569	4570	NS	1	0.0	27.616	8.118	0.0	25.766	8.279	0.0	356.25	2.041	0.0	34.132	1.636	0.0	1.898	0.0	0.0	1.862	0.0	0.0	2.022	0.0	0.0	2.006	0.0
153	4569	4570	NS	1	0.0	27.255	14.968	0.0	31.623	14.281	0.0	352.114	10.316	0.0	41.765	9.919	0.0	1.908	0.0	0.0	1.871	0.0	0.0	2.032	0.0	0.0	2.006	0.0
154	4569	4570	SN	1	0.0	24.74	9.643	0.0	28.308	9.871	0.0	272.926	4.235	0.0	15.53	3.877	0.0	2.106	0.0	0.0	2.192	0.0	0.0	2.303	0.0	0.0	2.387	0.0
155	4569	4570	SN	1	0.0	29.229	15.719	0.0	28.43	14.201	0.0	141.868	13.855	0.0	64.774	13.461	0.0	2.098	0.0	0.0	2.055	0.0	0.0	2.276	0.0	0.0	2.368	0.0
156	4569	4570	SN	1	0.0	24.74	9.549	0.0	28.308	9.967	0.0	272.926	4.089	0.0	153.331	4.056	0.0	2.106	0.0	0.0	2.192	0.0	0.0	2.303	0.0	0.0	2.387	0.0
157	4569	4570	SN	1	0.0	24.74	9.555	0.0	28.308	9.913	0.0	272.926	4.089	0.0	153.331	4.012	0.0	2.106	0.0	0.0	2.192	0.0	0.0	2.303	0.0	0.0	2.387	0.0
158	4569	4570	NS	1	0.0	27.272	14.971	0.0	31.926	14.205	0.0	356.603	10.348	0.0	43.938	9.864	0.0	1.908	0.0	0.0	1.871	0.0	0.0	2.032	0.0	0.0	2.005	0.0
159	4570	4571	NS	1	0.0	27.261	14.949	0.0	31.656	14.323	0.0	352.351	10.288	0.0	48.46	9.947	0.0	1.91	0.0	0.0	1.872	0.0	0.0	2.032	0.0	0.0	2.006	0.0
160	4570	4571	SN	1	0.0	24.735	9.554	0.0	28.303	9.938	0.0	201.576	4.064	0.0	71.292	4.017	0.0	2.107	0.0	0.0	2.252	0.0	0.0	2.298	0.0	0.0	2.368	0.0
161	4570	4571	NS	1	0.0	27.272	15.001	0.0	31.943	14.227	0.0	352.069	10.32	0.0	50.788	9.935	0.0	1.91	0.0	0.0	1.872	0.0	0.0	2.032	0.0	0.0	2.006	0.0
162	4570	4571	SN	1	0.0	31.094	15.771	0.0	27.762	14.169	0.0	95.398	13.821	0.0	61.365	13.382	0.0	2.09	0.0	0.0	2.047	0.0	0.0	2.285	0.0	0.0	2.375	0.0
163	4570	4571	NS	1	0.0	27.661	8.137	0.0	25.772	8.286	0.0	351.341	2.032	0.0	34.899	1.65	0.0	1.898	0.0	0.0	1.861	0.0	0.0	2.024	0.0	0.0	2.006	0.0
164	4570	4571	SN	1	0.0	29.158	15.735	0.0	27.763	14.16	0.0	95.398	13.821	0.0	67.145	13.497	0.0	2.09	0.0	0.0	2.047	0.0	0.0	2.285	0.0	0.0	2.375	0.0
165	4570	4571	SN	1	0.0	24.735	9.706	0.0	28.303	9.849	0.0	201.576	4.283	0.0	15.552	3.834	0.0	2.107	0.0	0.0	2.252	0.0	0.0	2.298	0.0	0.0	2.368	0.0
166	4570	4571	NS	1	0.0	26.88	8.155	0.0	25.766	8.298	0.0	356.31	2.034	0.0	42.416	1.653	0.0	1.899	0.0	0.0	1.86	0.0	0.0	2.022	0.0	0.0	2.006	0.0
167	4570	4571	SN	1	0.0	24.735	9.559	0.0	28.303	9.882	0.0	201.576	4.066	0.0	71.132	3.972	0.0	2.107	0.0	0.0	2.252	0.0	0.0	2.298	0.0	0.0	2.368	0.0
168	4570	4571	SN	1	0.0	31.094	15.889	0.0	27.079	13.669	0.0	95.398	14.338	0.0	15.701	12.614	0.0	2.09	0.0	0.0	2.047	0.0	0.0	2.285	0.0	0.0	2.375	0.0
169	4571	4572	SN	1	0.0	31.182	15.744	0.0	27.762	14.239	0.0	161.556	13.783	0.0	62.496	13.444	0.0	2.077	0.0	0.0	2.052	0.0	0.0	2.291	0.0	0.0	2.354	0.0
170	4571	4572	NS	1	0.0	27.266	14.913	0.0	36.46	14.353	0.0	356.415	10.231	0.0	49.326	10.061	0.0	1.91	0.0	0.0	1.867	0.0	0.0	2.032	0.0	0.0	2.006	0.0
171	4571	4572	SN	1	0.0	29.213	15.719	0.0	27.762	14.283	0.0	161.556	13.783	0.0	62.496	13.564	0.0	2.077	0.0	0.0	2.052	0.0	0.0	2.291	0.0	0.0	2.354	0.0
172	4571	4572	SN	1	0.0	24.718	9.553	0.0	28.314	9.889	0.0	321.654	4.024	0.0	150.215	3.947	0.0	2.106	0.0	0.0	2.242	0.0	0.0	2.284	0.0	0.0	2.368	0.0
173	4571	4572	SN	1	0.0	24.718	9.767	0.0	28.314	9.883	0.0	321.654	4.335	0.0	15.525	3.817	0.0	2.106	0.0	0.0	2.242	0.0	0.0	2.284	0.0	0.0	2.368	0.0
174	4571	4572	NS	1	0.0	27.655	8.164	0.0	25.777	8.278	0.0	351.529	2.04	0.0	35.721	1.657	0.0	1.899	0.0	0.0	1.861	0.0	0.0	2.025	0.0	0.0	2.006	0.0
175	4571	4572	NS	1	0.0	27.661	8.15	0.0	25.777	8.294	0.0	351.523	2.03	0.0	35.654	1.657	0.0	1.901	0.0	0.0	1.86	0.0	0.0	2.025	0.0	0.0	2.006	0.0
176	4571	4572	SN	1	0.0	24.718	9.547	0.0	28.314	9.935	0.0	321.654	4.023	0.0	150.215	3.99	0.0	2.106	0.0	0.0	2.242	0.0	0.0	2.284	0.0	0.0	2.368	0.0
177	4571	4572	SN	1	0.0	31.182	15.977	0.0	25.507	13.555	0.0	161.556	14.47	0.0	15.707	12.563	0.0	2.077	0.0	0.0	2.052	0.0	0.0	2.291	0.0	0.0	2.354	0.0
178	4571	4572	NS	1	0.0	27.266	14.982	0.0	31.711	14.343	0.0	356.415	10.245	0.0	49.398	10.011	0.0	1.908	0.0	0.0	1.869	0.0	0.0	2.032	0.0	0.0	2.005	0.0
179	4572	4573	NS	1	0.0	27.261	14.944	0.0	35.925	14.302	0.0	350.889	10.211	0.0	58.762	9.946	0.0	1.908	0.0	0.0	1.868	0.0	0.0	2.032	0.0	0.0	2.007	0.0

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

180	4572	4573	NS	1	0.0	26.891	8.157	0.0	25.783	8.296	0.0	351.672	1.992	0.0	40.673	1.653	0.0	1.898	0.0	0.0	1.862	0.0	0.0	2.023	0.0	0.0	2.006	0.0
181	4572	4573	NS	1	0.0	26.891	8.157	0.0	25.783	8.296	0.0	351.672	1.992	0.0	40.673	1.653	0.0	1.898	0.0	0.0	1.862	0.0	0.0	2.023	0.0	0.0	2.006	0.0
182	4572	4573	NS	1	0.0	27.261	14.944	0.0	35.925	14.302	0.0	350.889	10.211	0.0	58.762	9.946	0.0	1.908	0.0	0.0	1.868	0.0	0.0	2.032	0.0	0.0	2.007	0.0
183	4572	4573	SN	1	0.0	31.204	15.72	0.0	27.818	14.247	0.0	349.77	13.816	0.0	63.241	13.508	0.0	2.097	0.0	0.0	2.06	0.0	0.0	2.284	0.0	0.0	2.414	0.0
184	4572	4573	SN	1	0.0	24.729	9.54	0.0	28.308	9.845	0.0	200.823	4.027	0.0	70.007	3.916	0.0	2.123	0.0	0.0	2.259	0.0	0.0	2.307	0.0	0.0	2.39	0.0
185	4573	4574	NS	1	0.0	27.674	8.126	0.0	25.766	8.281	0.0	352.483	1.997	0.0	39.195	1.645	0.0	1.9	0.0	0.0	1.861	0.0	0.0	2.021	0.0	0.0	2.006	0.0
186	4573	4574	NS	1	0.0	27.288	15.011	0.0	31.777	14.225	0.0	354.684	10.221	0.0	55.79	9.834	0.0	1.908	0.0	0.0	1.867	0.0	0.0	2.031	0.0	0.0	2.006	0.0
187	4573	4574	SN	1	0.0	24.746	9.551	0.0	28.32	9.864	0.0	192.336	4.01	0.0	70.928	3.923	0.0	2.107	0.0	0.0	2.244	0.0	0.0	2.3	0.0	0.0	2.417	0.0
188	4573	4574	SN	1	0.0	31.121	15.69	0.0	28.419	14.228	0.0	349.874	13.852	0.0	63.246	13.522	0.0	2.09	0.0	0.0	2.067	0.0	0.0	2.278	0.0	0.0	2.415	0.0
189	4573	4574	NS	1	0.0	27.288	15.011	0.0	31.777	14.225	0.0	354.684	10.221	0.0	55.79	9.834	0.0	1.908	0.0	0.0	1.867	0.0	0.0	2.031	0.0	0.0	2.006	0.0
190	4573	4574	NS	1	0.0	27.674	8.126	0.0	25.766	8.281	0.0	352.483	1.997	0.0	39.195	1.645	0.0	1.9	0.0	0.0	1.861	0.0	0.0	2.021	0.0	0.0	2.006	0.0
191	4574	4575	NS	1	0.0	27.283	15.013	0.0	31.75	14.254	0.0	354.866	10.243	0.0	56.275	9.891	0.0	1.908	0.0	0.0	1.868	0.0	0.0	2.03	0.0	0.0	2.006	0.0
192	4574	4575	SN	1	0.0	31.171	15.733	0.0	28.419	14.147	0.0	168.693	13.803	0.0	64.228	13.564	0.0	2.085	0.0	0.0	2.054	0.0	0.0	2.273	0.0	0.0	2.406	0.0
193	4574	4575	NS	1	0.0	26.875	8.167	0.0	25.772	8.281	0.0	352.687	1.992	0.0	39.493	1.638	0.0	1.897	0.0	0.0	1.861	0.0	0.0	2.023	0.0	0.0	2.006	0.0
194	4574	4575	SN	1	0.0	24.729	9.573	0.0	28.336	9.878	0.0	260.953	4.028	0.0	70.973	3.923	0.0	2.091	0.0	0.0	2.27	0.0	0.0	2.277	0.0	0.0	2.373	0.0
195	4575	4576	SN	1	0.0	31.242	15.745	0.0	28.474	14.098	0.0	151.089	13.836	0.0	61.211	13.508	0.0	2.132	0.0	0.0	2.131	0.0	0.0	2.308	0.0	0.0	2.433	0.0
196	4575	4576	NS	1	0.0	27.404	8.174	0.0	25.772	8.303	0.0	352.886	1.982	0.0	40.122	1.672	0.0	1.899	0.0	0.0	1.861	0.0	0.0	2.025	0.0	0.0	2.007	0.0
197	4575	4576	SN	1	0.0	24.735	9.567	0.0	28.325	9.874	0.0	275.596	4.036	0.0	67.928	3.91	0.0	2.136	0.0	0.0	2.288	0.0	0.0	2.327	0.0	0.0	2.448	0.0
198	4575	4576	NS	1	0.0	27.404	8.231	0.0	25.772	8.265	0.0	352.886	2.024	0.0	11.565	1.562	0.0	1.899	0.0	0.0	1.861	0.0	0.0	2.025	0.0	0.0	2.007	0.0
199	4575	4576	NS	1	0.0	27.288	14.944	0.0	31.766	14.337	0.0	351.336	10.246	0.0	57.67	10.028	0.0	1.908	0.0	0.0	1.871	0.0	0.0	2.032	0.0	0.0	2.006	0.0
200	4575	4576	NS	1	0.0	27.288	15.053	0.0	30.994	14.048	0.0	351.336	10.399	0.0	15.883	9.634	0.0	1.908	0.0	0.0	1.871	0.0	0.0	2.032	0.0	0.0	2.006	0.0
201	4576	4577	NS	1	0.0	81.465	8.166	0.0	25.777	8.307	0.0	330.583	1.993	0.0	40.822	1.662	0.0	1.898	0.0	0.0	1.862	0.0	0.0	2.024	0.0	0.0	2.007	0.0
202	4576	4577	SN	1	0.0	24.729	9.56	0.0	28.325	9.849	0.0	211.875	4.034	0.0	69.362	3.915	0.0	2.106	0.0	0.0	2.25	0.0	0.0	2.299	0.0	0.0	2.396	0.0
203	4576	4577	NS	1	0.0	206.512	14.982	0.0	31.783	14.369	0.0	333.451	10.209	0.0	58.746	10.056	0.0	1.909	0.0	0.0	1.871	0.0	0.0	2.031	0.0	0.0	2.006	0.0
204	4576	4577	SN	1	0.0	31.226	15.776	0.0	28.474	14.128	0.0	155.529	13.836	0.0	62.557	13.528	0.0	2.095	0.0	0.0	2.08	0.0	0.0	2.284	0.0	0.0	2.402	0.0
205	4577	4578	NS	1	0.0	27.31	8.491	0.0	25.766	8.273	0.0	306.025	2.165	0.0	11.587	1.657	0.0	1.899	0.0	0.0	1.862	0.0	0.0	2.024	0.0	0.0	2.007	0.0
206	4577	4578	NS	1	0.0	27.261	15.417	0.0	31.0	13.778	0.0	341.244	10.984	0.0	12.729	9.358	0.0	1.909	0.0	0.0	1.873	0.0	0.0	2.032	0.0	0.0	2.007	0.0

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