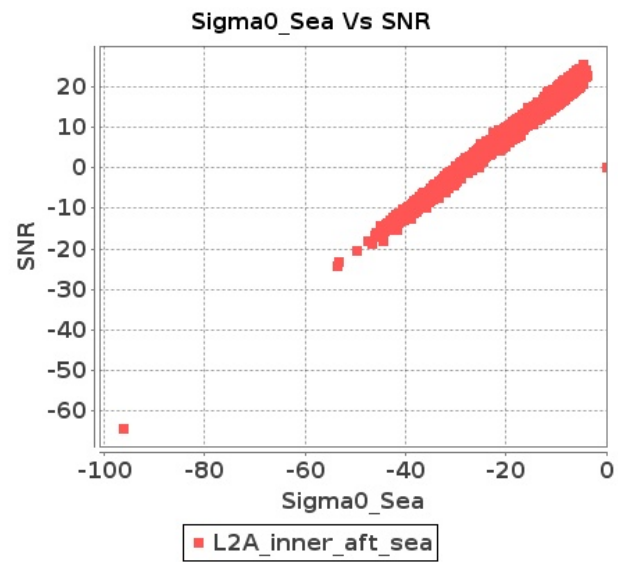


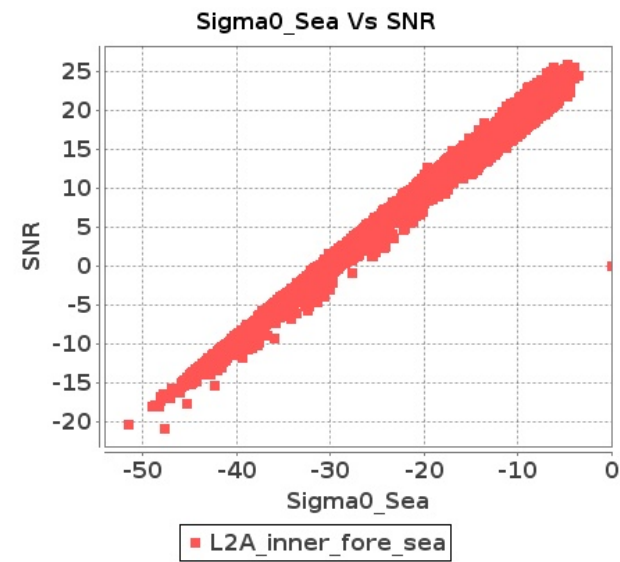
SCATSAT-1 Scatterometer Level-2A Data Quality Cycle wise Report

Report between 17-SEP-2017 To 18-SEP-2017

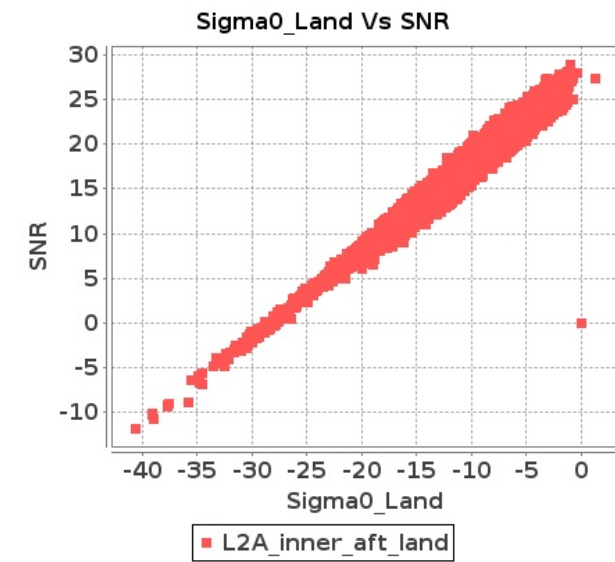
Inner Sea Aft Sigma0VsSNR



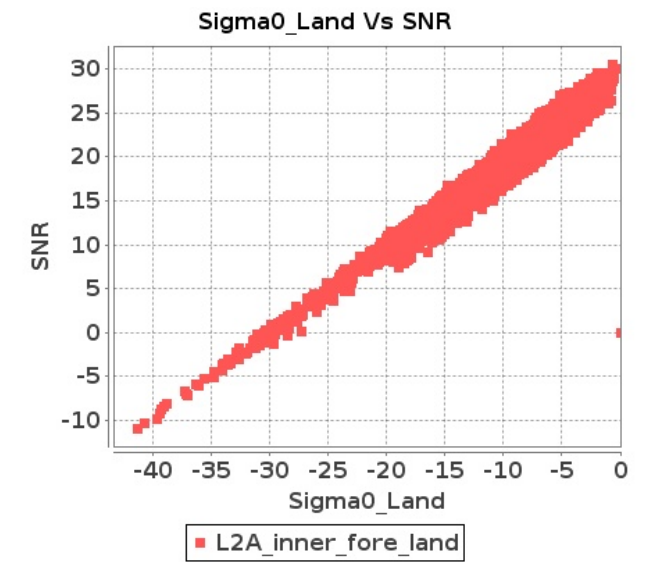
Inner Sea Fore Sigma0VsSNR



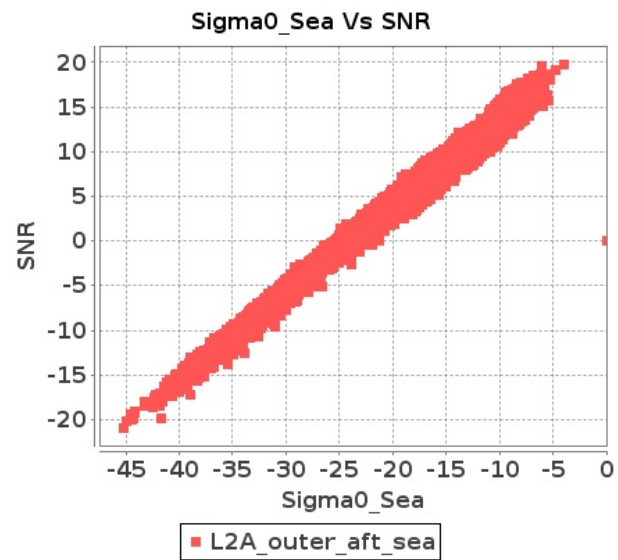
Inner Land Aft Sigma0VsSNR



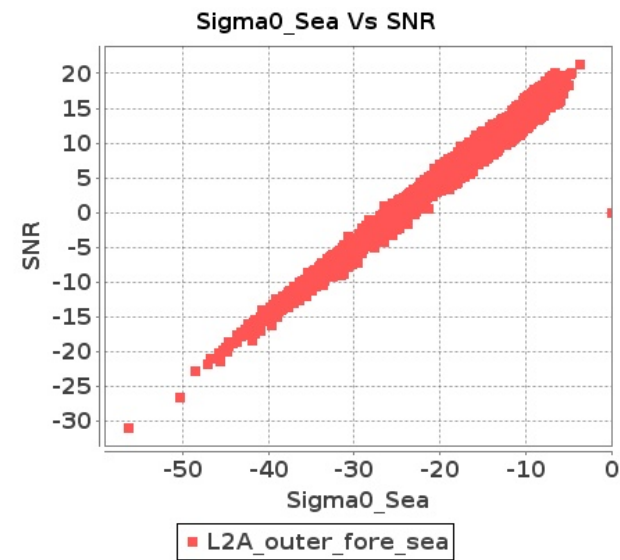
Inner Land Fore Sigma0VsSNR



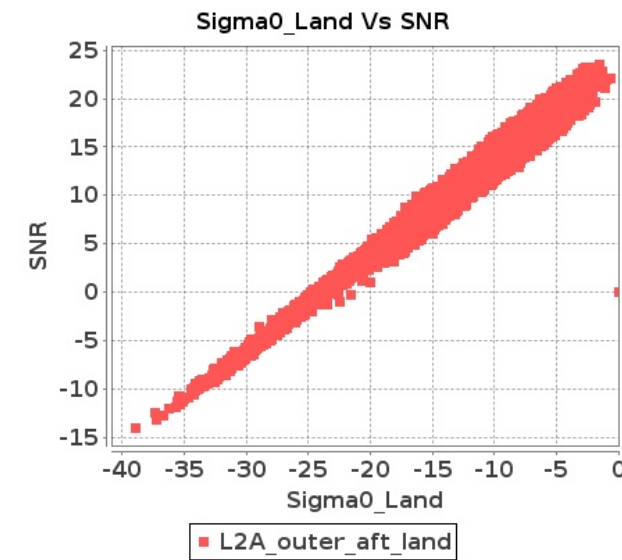
Outer Sea Aft Sigma0VsSNR



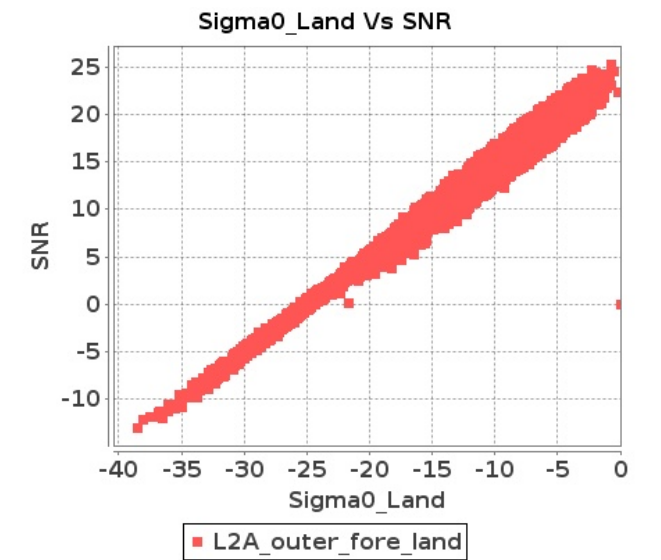
Outer Sea Fore Sigma0VsSNR



Outer Land Aft Sigma0VsSNR



Outer Land Fore Sigma0VsSNR



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

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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	5159	5160	SN	1	0.0	48.52	2.806	0.0	51.238	2.685	0.0	44.15	1.506	0.0	45.004	1.526	0.0	50.718	2.656	0.0	51.517	2.453	0.0	40.787	1.406	0.0	44.251	1.398
2	5159	5160	SN	1	0.0	53.458	9.177	0.0	53.768	8.843	0.0	47.982	5.779	0.0	46.868	5.87	0.0	54.604	8.886	0.0	53.132	8.353	0.0	47.045	5.488	0.0	45.984	5.403
3	5159	5160	SN	1	0.0	53.458	8.996	0.0	53.768	8.722	0.0	47.982	5.748	0.0	46.868	5.763	0.0	54.604	8.701	0.0	53.132	8.243	0.0	47.045	5.456	0.0	45.984	5.292
4	5159	5160	NS	1	0.0	58.003	11.719	0.0	53.616	11.294	0.0	52.378	7.819	0.0	52.562	8.157	0.0	57.428	11.031	0.0	52.512	10.37	0.0	48.875	7.493	0.0	49.233	7.453
5	5159	5160	SN	1	0.0	53.458	8.996	0.0	53.768	8.722	0.0	47.982	5.748	0.0	46.868	5.763	0.0	54.604	8.701	0.0	53.132	8.243	0.0	47.045	5.456	0.0	45.984	5.292
6	5159	5160	SN	1	0.0	48.52	2.756	0.0	51.238	2.637	0.0	44.15	1.496	0.0	45.004	1.498	0.0	50.718	2.605	0.0	51.517	2.406	0.0	40.787	1.392	0.0	44.251	1.371
7	5159	5160	SN	1	0.0	48.52	2.756	0.0	51.238	2.637	0.0	44.15	1.496	0.0	45.004	1.498	0.0	50.718	2.605	0.0	51.517	2.406	0.0	40.787	1.392	0.0	44.251	1.371
8	5159	5160	NS	1	0.0	52.686	3.832	0.0	51.857	3.713	0.0	43.548	2.291	0.0	44.551	2.414	0.0	54.368	3.472	0.0	53.231	3.33	0.0	41.353	2.215	0.0	45.055	2.175
9	5160	5161	NS	1	0.0	45.787	2.011	0.0	50.95	1.853	0.0	40.77	1.397	0.0	42.748	1.337	0.0	42.293	1.819	0.0	52.226	1.673	0.0	43.71	1.366	0.0	43.045	1.18
10	5160	5161	SN	1	0.0	44.459	2.019	0.0	43.342	1.779	0.0	39.855	1.508	0.0	42.643	1.572	0.0	48.312	1.816	0.0	39.944	1.618	0.0	39.809	1.45	0.0	39.892	1.483
11	5160	5161	NS	1	0.0	51.111	2.046	0.0	53.337	1.805	0.0	41.362	1.432	0.0	42.481	1.319	0.0	48.119	1.884	0.0	54.324	1.584	0.0	41.311	1.362	0.0	43.375	1.176
12	5160	5161	SN	1	0.0	39.94	2.023	0.0	43.342	1.802	0.0	39.855	1.514	0.0	42.643	1.587	0.0	39.859	1.824	0.0	39.944	1.637	0.0	39.809	1.466	0.0	39.892	1.49
13	5160	5161	SN	1	0.0	39.94	2.023	0.0	43.342	1.804	0.0	39.855	1.514	0.0	42.643	1.589	0.0	39.859	1.824	0.0	39.944	1.639	0.0	39.809	1.466	0.0	39.892	1.492
14	5160	5161	SN	1	0.0	45.808	5.612	0.0	46.144	5.412	0.0	43.248	4.582	0.0	42.485	4.79	0.0	48.004	5.427	0.0	46.911	4.979	0.0	42.144	4.481	0.0	40.183	4.66
15	5160	5161	NS	1	0.0	45.426	5.835	0.0	51.829	5.469	0.0	46.235	4.253	0.0	44.552	4.239	0.0	47.991	5.511	0.0	51.108	5.134	0.0	44.791	3.998	0.0	45.411	3.904
16	5160	5161	NS	1	0.0	49.812	5.913	0.0	55.058	5.484	0.0	45.163	4.23	0.0	47.73	4.113	0.0	51.305	5.6	0.0	54.709	4.947	0.0	44.819	4.209	0.0	46.183	3.78
17	5160	5161	SN	1	0.0	45.808	5.611	0.0	46.144	5.408	0.0	43.248	4.582	0.0	42.485	4.799	0.0	48.004	5.426	0.0	46.911	4.976	0.0	42.144	4.481	0.0	40.183	4.662
18	5160	5161	SN	1	0.0	44.685	5.635	0.0	46.144	5.343	0.0	43.248	4.533	0.0	42.485	4.743	0.0	45.173	5.442	0.0	46.911	4.926	0.0	42.144	4.44	0.0	40.183	4.636
19	5161	5162	SN	1	0.0	39.619	3.277	0.0	37.949	2.874	0.0	41.297	2.774	0.0	49.987	3.145	0.0	39.096	2.875	0.0	35.509	2.491	0.0	40.827	2.514	0.0	46.585	2.616
20	5161	5162	SN	1	0.0	39.619	3.36	0.0	45.541	3.135	0.0	41.297	2.831	0.0	49.987	3.318	0.0	39.096	2.984	0.0	46.715	2.779	0.0	40.827	2.56	0.0	46.585	2.811
21	5161	5162	SN	1	0.0	39.619	3.36	0.0	45.541	3.135	0.0	41.297	2.831	0.0	49.987	3.318	0.0	39.096	2.984	0.0	46.715	2.779	0.0	40.827	2.56	0.0	46.585	2.811
22	5161	5162	NS	1	0.0	50.728	8.085	0.0	49.408	6.379	0.0	45.794	5.369	0.0	42.075	5.446	0.0	51.326	7.184	0.0	50.491	5.538	0.0	45.783	5.0	0.0	42.225	4.706
23	5161	5162	SN	1	0.0	39.928	1.336	0.0	43.447	1.212	0.0	39.025	1.007	0.0	44.028	1.247	0.0	36.64	1.056	0.0	46.453	0.967	0.0	39.269	0.827	0.0	41.725	1.025
24	5161	5162	SN	1	0.0	39.928	1.336	0.0	43.447	1.212	0.0	39.025	1.007	0.0	44.028	1.247	0.0	36.64	1.056	0.0	46.453	0.967	0.0	39.269	0.827	0.0	41.725	1.025
25	5161	5162	NS	1	0.0	42.747	2.685	0.0	41.172	2.105	0.0	40.663	1.828	0.0	42.547	1.857	0.0	41.982	2.313	0.0	41.953	1.765	0.0	40.636	1.662	0.0	40.622	1.535
26	5161	5162	SN	1	0.0	39.928	1.313	0.0	40.149	1.145	0.0	39.025	0.99	0.0	44.028	1.203	0.0	36.64	1.035	0.0	37.902	0.895	0.0	39.269	0.817	0.0	41.725	0.981
27	5162	5163	NS	1	0.0	46.965	2.403	0.0	48.887	2.045	0.0	46.758	1.399	0.0	41.537	1.14	0.0	45.773	2.096	0.0	50.8	1.849	0.0	43.065	1.293	0.0	43.612	0.976
28	5162	5163	NS	1	0.0	45.739	2.509	0.0	48.163	2.04	0.0	47.42	1.457	0.0	40.681	1.142	0.0	46.197	2.226	0.0	50.8	1.857	0.0	42.893	1.271	0.0	41.092	1.009
29	5162	5163	SN	1	0.0	48.471	7.308	0.0	49.269	6.433	0.0	47.31	4.089	0.0	42.006	4.859	0.0	47.394	6.638	0.0	47.767	5.792	0.0	48.401	3.72	0.0	42.828	4.417
30	5162	5163	SN	1	0.0	48.471	7.308	0.0	49.269	6.433	0.0	47.31	4.089	0.0	42.006	4.859	0.0	47.394	6.638	0.0	47.767	5.792	0.0	48.401	3.72	0.0	42.828	4.417
31	5162	5163	NS	1	0.0	50.363	8.439	0.0	50.011	6.715	0.0	47.42	4.872	0.0	44.006	4.749	0.0	49.548	7.68	0.0	46.775	6.096	0.0	45.908	4.624	0.0	44.542	4.266

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

32	5162	5163	SN	1	0.0	44.793	6.967	0.0	49.269	6.282	0.0	47.31	3.902	0.0	42.006	4.697	0.0	47.394	6.239	0.0	47.767	5.636	0.0	48.401	3.515	0.0	42.828	4.244
33	5162	5163	NS	1	0.0	50.91	8.203	0.0	55.865	6.812	0.0	46.378	5.133	0.0	45.486	4.575	0.0	50.404	7.525	0.0	52.845	6.123	0.0	44.665	4.758	0.0	43.354	3.951
34	5162	5163	SN	1	0.0	42.734	2.254	0.0	46.705	1.998	0.0	37.751	1.518	0.0	39.26	1.784	0.0	41.646	1.921	0.0	46.569	1.759	0.0	37.75	1.305	0.0	39.0	1.497
35	5162	5163	SN	1	0.0	48.413	2.348	0.0	46.705	2.02	0.0	37.751	1.566	0.0	39.26	1.843	0.0	45.806	2.021	0.0	46.569	1.8	0.0	37.75	1.364	0.0	39.0	1.58
36	5162	5163	SN	1	0.0	48.413	2.348	0.0	46.705	2.02	0.0	37.751	1.566	0.0	39.26	1.843	0.0	45.806	2.021	0.0	46.569	1.8	0.0	37.75	1.364	0.0	39.0	1.58
37	5163	5164	NS	1	0.0	51.377	6.938	0.0	53.576	6.134	0.0	47.253	5.757	0.0	53.427	5.327	0.0	51.517	6.675	0.0	54.433	5.688	0.0	48.336	5.495	0.0	49.852	5.221
38	5163	5164	SN	1	0.0	43.779	2.88	0.0	43.147	2.873	0.0	39.982	2.131	0.0	41.404	2.264	0.0	42.563	2.749	0.0	41.96	2.635	0.0	38.981	2.047	0.0	40.283	2.056
39	5163	5164	SN	1	0.0	45.449	8.713	0.0	46.876	8.581	0.0	41.863	5.945	0.0	43.562	6.41	0.0	45.102	8.103	0.0	47.152	7.98	0.0	39.783	6.012	0.0	44.872	6.299
40	5163	5164	SN	1	0.0	42.586	2.929	0.0	44.387	2.905	0.0	38.998	2.166	0.0	38.547	2.223	0.0	41.495	2.794	0.0	47.759	2.628	0.0	38.479	2.122	0.0	36.659	2.015
41	5163	5164	SN	1	0.0	45.768	9.348	0.0	46.806	8.917	0.0	42.539	5.995	0.0	42.063	6.672	0.0	45.024	8.983	0.0	46.967	8.306	0.0	42.979	6.123	0.0	43.438	6.529
42	5163	5164	SN	1	0.0	45.449	9.359	0.0	46.876	8.917	0.0	41.863	6.159	0.0	43.562	6.451	0.0	45.102	8.831	0.0	47.152	8.327	0.0	39.783	6.301	0.0	44.872	6.365
43	5163	5164	SN	1	0.0	43.779	2.775	0.0	43.147	2.848	0.0	39.982	2.077	0.0	41.404	2.272	0.0	43.524	2.615	0.0	41.96	2.634	0.0	38.981	1.989	0.0	40.283	2.061
44	5163	5164	NS	1	0.0	44.651	2.515	0.0	48.287	2.286	0.0	40.794	1.666	0.0	44.957	1.698	0.0	48.788	2.427	0.0	48.642	2.18	0.0	41.602	1.613	0.0	42.152	1.59
45	5163	5164	NS	1	0.0	52.145	7.033	0.0	47.527	6.329	0.0	47.344	5.617	0.0	43.932	5.673	0.0	52.829	6.679	0.0	48.559	5.913	0.0	47.665	5.496	0.0	44.403	5.325
46	5163	5164	NS	1	0.0	45.923	2.446	0.0	53.419	2.175	0.0	43.768	1.674	0.0	44.984	1.629	0.0	47.302	2.408	0.0	53.256	2.107	0.0	43.605	1.593	0.0	42.848	1.553
47	5164	5165	NS	1	0.0	46.057	2.549	0.0	47.55	2.015	0.0	42.136	1.645	0.0	45.389	1.466	0.0	47.716	2.106	0.0	47.39	1.794	0.0	42.426	1.421	0.0	42.79	1.248
48	5164	5165	NS	1	0.0	49.536	7.506	0.0	47.191	6.443	0.0	48.256	5.531	0.0	48.339	5.17	0.0	47.574	6.828	0.0	47.833	6.037	0.0	45.783	5.099	0.0	50.99	4.58
49	5164	5165	NS	1	0.0	48.423	7.546	0.0	48.17	6.575	0.0	48.068	5.531	0.0	48.084	5.198	0.0	49.946	6.858	0.0	49.499	5.996	0.0	45.522	5.141	0.0	50.815	4.608
50	5164	5165	SN	1	0.0	45.205	3.055	0.0	44.404	2.952	0.0	40.029	2.056	0.0	50.001	2.238	0.0	44.688	2.74	0.0	45.278	2.577	0.0	42.523	1.854	0.0	45.909	1.958
51	5164	5165	SN	1	0.0	48.356	9.79	0.0	47.222	9.959	0.0	45.633	6.571	0.0	42.485	6.831	0.0	52.928	9.313	0.0	48.828	8.993	0.0	45.941	6.151	0.0	42.184	6.353
52	5164	5165	SN	1	0.0	48.356	9.79	0.0	47.222	9.959	0.0	45.633	6.571	0.0	42.485	6.831	0.0	52.928	9.313	0.0	48.828	8.993	0.0	45.941	6.151	0.0	42.184	6.353
53	5164	5165	SN	1	0.0	48.356	9.579	0.0	47.222	9.979	0.0	45.633	6.564	0.0	42.485	6.829	0.0	52.928	9.115	0.0	48.828	9.029	0.0	45.941	6.13	0.0	42.184	6.344
54	5164	5165	NS	1	0.0	50.584	2.509	0.0	45.568	2.042	0.0	46.673	1.658	0.0	46.111	1.445	0.0	52.525	2.11	0.0	45.708	1.801	0.0	49.8	1.417	0.0	41.61	1.263
55	5164	5165	SN	1	0.0	45.205	3.107	0.0	44.404	2.935	0.0	40.029	2.04	0.0	50.001	2.235	0.0	44.688	2.802	0.0	45.278	2.56	0.0	42.523	1.843	0.0	45.909	1.956
56	5164	5165	SN	1	0.0	45.205	3.107	0.0	44.404	2.935	0.0	40.029	2.04	0.0	50.001	2.235	0.0	44.688	2.802	0.0	45.278	2.56	0.0	42.523	1.843	0.0	45.909	1.956
57	5165	5166	SN	1	0.0	47.235	8.581	0.0	52.644	8.962	0.0	55.352	5.551	0.0	53.365	6.346	0.0	49.931	7.84	0.0	50.972	8.169	0.0	53.994	5.274	0.0	51.36	6.125
58	5165	5166	SN	1	0.0	50.588	2.494	0.0	51.764	2.554	0.0	45.36	1.638	0.0	48.006	1.739	0.0	51.682	2.164	0.0	51.449	2.353	0.0	45.95	1.457	0.0	44.94	1.573
59	5165	5166	SN	1	0.0	50.588	2.662	0.0	51.764	2.887	0.0	45.36	1.699	0.0	48.006	1.876	0.0	51.682	2.354	0.0	51.449	2.692	0.0	45.95	1.523	0.0	44.94	1.73
60	5165	5166	SN	1	0.0	50.588	2.687	0.0	51.764	2.876	0.0	45.36	1.713	0.0	48.006	1.878	0.0	51.682	2.359	0.0	51.449	2.676	0.0	45.95	1.533	0.0	44.94	1.725
61	5165	5166	NS	1	0.0	44.032	3.248	0.0	45.267	2.622	0.0	39.557	2.243	0.0	40.553	2.063	0.0	41.418	2.833	0.0	46.009	2.234	0.0	41.642	2.01	0.0	42.714	1.73
62	5165	5166	NS	1	0.0	47.883	3.236	0.0	51.317	2.528	0.0	39.988	2.266	0.0	39.193	2.06	0.0	44.035	2.97	0.0	51.999	2.176	0.0	40.005	2.085	0.0	37.89	1.754
63	5165	5166	SN	1	0.0	46.897	7.663	0.0	52.644	7.567	0.0	55.352	5.383	0.0	53.365	5.763	0.0	45.074	6.972	0.0	50.972	6.667	0.0	53.994	5.014	0.0	51.36	5.539
64	5165	5166	NS	1	0.0	48.591	9.898	0.0	46.811	7.876	0.0	41.659	6.763	0.0	43.407	5.988	0.0	50.634	9.119	0.0	47.538	7.421	0.0	43.191	6.55	0.0	43.684	5.321
65	5165	5166	SN	1	0.0	46.897	8.49	0.0	52.644	8.922	0.0	55.352	5.509	0.0	53.365	6.368	0.0	49.44	7.789	0.0	50.972	8.138	0.0	53.994	5.259	0.0	51.36	6.147
66	5165	5166	NS	1	0.0	53.05	9.61	0.0	49.233	7.862	0.0	45.68	6.318	0.0	42.728	5.853	0.0	51.192	8.709	0.0	49.467	7.213	0.0	44.634	6.205	0.0	42.547	5.326
67	5166	5167	NS	1	0.0	47.471	2.391	0.0	44.745	1.973	0.0	38.547	1.831	0.0	40.34	1.702	0.0	44.565	2.281	0.0	43.534	1.815	0.0	39.914	1.65	0.0	42.6	1.59

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

68	5166	5167	SN	1	0.0	53.303	7.727	0.0	56.054	8.214	0.0	49.15	5.449	0.0	41.306	6.447	0.0	54.075	7.524	0.0	53.15	7.969	0.0	48.077	5.662	0.0	42.233	6.54
69	5166	5167	NS	1	0.0	49.933	7.523	0.0	47.547	6.22	0.0	45.485	5.409	0.0	47.284	5.298	0.0	47.037	7.017	0.0	47.959	5.682	0.0	44.477	5.267	0.0	50.47	5.099
70	5166	5167	NS	1	0.0	51.596	7.654	0.0	49.485	6.159	0.0	46.119	5.38	0.0	48.519	5.305	0.0	51.391	7.088	0.0	51.181	5.459	0.0	44.967	5.281	0.0	51.912	5.142
71	5166	5167	SN	1	0.0	46.418	2.357	0.0	45.81	2.426	0.0	44.735	1.512	0.0	42.638	1.627	0.0	46.877	2.375	0.0	48.432	2.358	0.0	45.367	1.533	0.0	43.807	1.635
72	5166	5167	SN	1	0.0	46.418	2.537	0.0	52.293	2.758	0.0	44.735	1.549	0.0	42.638	1.824	0.0	46.877	2.53	0.0	53.263	2.654	0.0	45.367	1.552	0.0	43.807	1.811
73	5166	5167	NS	1	0.0	47.725	2.285	0.0	45.141	1.955	0.0	38.092	1.896	0.0	42.117	1.721	0.0	44.815	2.195	0.0	43.437	1.849	0.0	38.515	1.721	0.0	42.361	1.571
74	5166	5167	SN	1	0.0	50.581	7.105	0.0	56.054	6.958	0.0	49.15	5.199	0.0	41.306	5.54	0.0	51.928	6.947	0.0	53.15	6.731	0.0	48.077	5.468	0.0	40.879	5.667
75	5167	5168	SN	1	0.0	46.238	1.565	0.0	45.994	1.555	0.0	42.25	1.179	0.0	40.083	1.125	0.0	46.152	1.381	0.0	44.611	1.33	0.0	38.9	1.069	0.0	41.426	1.056
76	5167	5168	SN	1	0.0	44.27	4.975	0.0	49.326	4.662	0.0	46.203	3.593	0.0	47.343	3.908	0.0	44.953	4.559	0.0	50.605	4.153	0.0	42.935	3.23	0.0	49.391	3.666
77	5167	5168	NS	1	0.0	45.917	3.605	0.0	55.276	3.034	0.0	44.465	2.705	0.0	43.789	2.341	0.0	44.917	3.161	0.0	56.127	2.678	0.0	39.811	2.485	0.0	46.052	2.113
78	5167	5168	NS	1	0.0	47.903	10.859	0.0	55.226	9.416	0.0	47.024	8.358	0.0	49.413	7.694	0.0	47.838	10.192	0.0	55.428	8.756	0.0	47.391	8.017	0.0	50.486	6.998
79	5168	5169	NS	1	0.0	49.083	8.348	0.0	53.625	7.123	0.0	43.458	5.159	0.0	46.22	5.12	0.0	51.095	7.641	0.0	50.103	6.516	0.0	43.275	4.925	0.0	45.568	4.453
80	5168	5169	NS	1	0.0	45.76	2.582	0.0	46.834	2.186	0.0	41.006	1.482	0.0	44.981	1.627	0.0	48.326	2.188	0.0	45.364	1.92	0.0	40.799	1.3	0.0	46.699	1.416
81	5173	5174	SN	1	0.0	47.365	1.909	0.0	49.164	1.874	0.0	42.327	1.23	0.0	41.446	1.214	0.0	46.325	1.712	0.0	45.697	1.704	0.0	42.338	1.134	0.0	39.99	1.059
82	5173	5174	SN	1	0.0	56.131	5.943	0.0	60.129	6.013	0.0	47.733	4.569	0.0	49.355	4.471	0.0	53.156	5.375	0.0	60.432	5.463	0.0	47.755	4.327	0.0	47.77	4.129
83	5173	5174	SN	1	0.0	56.131	5.943	0.0	60.129	6.013	0.0	47.733	4.569	0.0	49.355	4.471	0.0	53.156	5.375	0.0	60.432	5.463	0.0	47.755	4.327	0.0	47.77	4.129
84	5173	5174	SN	1	0.0	47.365	1.947	0.0	49.164	1.929	0.0	42.327	1.218	0.0	41.501	1.23	0.0	46.325	1.759	0.0	45.697	1.76	0.0	42.338	1.136	0.0	42.485	1.074
85	5173	5174	SN	1	0.0	56.131	5.947	0.0	53.361	6.147	0.0	47.733	4.357	0.0	49.355	4.596	0.0	53.156	5.414	0.0	49.889	5.623	0.0	47.755	4.192	0.0	47.77	4.266
86	5173	5174	SN	1	0.0	47.365	1.909	0.0	49.164	1.874	0.0	42.327	1.23	0.0	41.446	1.214	0.0	46.325	1.712	0.0	45.697	1.704	0.0	42.338	1.134	0.0	39.99	1.059
87	5174	5175	SN	1	0.0	46.152	2.883	0.0	53.324	3.063	0.0	45.059	2.133	0.0	43.339	2.303	0.0	43.77	2.763	0.0	51.397	2.961	0.0	45.511	2.126	0.0	43.293	2.314
88	5174	5175	NS	1	0.0	49.11	9.687	0.0	46.511	9.03	0.0	42.779	7.082	0.0	47.733	6.72	0.0	50.059	9.282	0.0	46.996	8.766	0.0	44.5	6.982	0.0	45.723	6.691
89	5174	5175	NS	1	0.0	50.457	3.021	0.0	54.476	2.743	0.0	40.298	2.089	0.0	42.049	2.107	0.0	48.364	2.801	0.0	51.58	2.728	0.0	40.948	2.041	0.0	43.044	1.95
90	5174	5175	SN	1	0.0	47.267	8.089	0.0	57.022	8.237	0.0	47.419	6.794	0.0	43.935	7.189	0.0	46.356	7.75	0.0	57.379	8.041	0.0	45.2	6.902	0.0	42.832	7.066
91	5174	5175	SN	1	0.0	46.152	2.883	0.0	53.324	3.063	0.0	45.059	2.133	0.0	43.339	2.303	0.0	43.77	2.763	0.0	51.397	2.961	0.0	45.511	2.126	0.0	43.293	2.314
92	5174	5175	SN	1	0.0	47.267	8.038	0.0	57.022	8.305	0.0	47.419	6.765	0.0	43.935	7.218	0.0	46.356	7.703	0.0	57.379	8.092	0.0	45.2	6.864	0.0	42.832	7.09
93	5174	5175	SN	1	0.0	47.267	8.038	0.0	57.022	8.305	0.0	47.419	6.765	0.0	43.935	7.218	0.0	46.356	7.703	0.0	57.379	8.092	0.0	45.2	6.864	0.0	42.832	7.09
94	5174	5175	SN	1	0.0	46.152	2.904	0.0	53.324	3.076	0.0	45.059	2.132	0.0	43.339	2.316	0.0	43.77	2.784	0.0	51.397	2.973	0.0	45.511	2.127	0.0	43.293	2.325
95	5175	5176	SN	1	0.0	42.979	2.214	0.0	47.346	2.069	0.0	39.223	1.717	0.0	43.608	1.745	0.0	39.735	2.053	0.0	47.55	1.967	0.0	42.393	1.661	0.0	47.814	1.64
96	5175	5176	NS	1	0.0	53.743	2.126	0.0	44.315	1.79	0.0	39.209	1.449	0.0	43.099	1.376	0.0	50.119	1.961	0.0	45.281	1.67	0.0	38.371	1.399	0.0	42.252	1.254
97	5175	5176	SN	1	0.0	45.018	6.645	0.0	47.631	6.147	0.0	45.302	5.129	0.0	44.886	5.3	0.0	43.675	6.078	0.0	46.278	5.893	0.0	44.594	4.973	0.0	45.228	5.021
98	5175	5176	NS	1	0.0	45.774	2.17	0.0	41.918	1.769	0.0	36.494	1.523	0.0	46.111	1.425	0.0	47.763	2.003	0.0	42.016	1.602	0.0	37.177	1.447	0.0	46.228	1.314
99	5175	5176	SN	1	0.0	47.818	2.216	0.0	47.346	2.063	0.0	39.223	1.701	0.0	43.608	1.754	0.0	44.573	2.062	0.0	47.55	1.965	0.0	42.393	1.64	0.0	47.814	1.643
100	5175	5176	NS	1	0.0	52.992	6.984	0.0	55.384	6.313	0.0	44.074	4.648	0.0	42.481	4.524	0.0	51.507	6.661	0.0	55.23	5.969	0.0	41.165	4.471	0.0	43.542	4.106
101	5175	5176	NS	1	0.0	43.386	6.785	0.0	49.388	6.443	0.0	43.287	4.417	0.0	39.34	4.494	0.0	42.689	6.491	0.0	51.383	6.027	0.0	40.4	4.36	0.0	38.264	4.189
102	5175	5176	SN	1	0.0	45.018	6.665	0.0	47.631	6.051	0.0	45.302	5.035	0.0	44.886	5.296	0.0	43.675	6.101	0.0	46.278	5.814	0.0	44.594	4.884	0.0	45.228	5.007
103	5175	5176	SN	1	0.0	44.781	2.238	0.0	47.343	2.066	0.0	39.865	1.714	0.0	43.576	1.777	0.0	41.536	2.074	0.0	47.877	1.949	0.0	43.668	1.606	0.0	47.784	1.661

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

104	5175	5176	SN	1	0.0	45.202	6.593	0.0	48.545	6.041	0.0	39.837	5.071	0.0	45.78	5.296	0.0	43.859	6.029	0.0	47.192	5.814	0.0	38.657	4.848	0.0	46.992	5.051
105	5176	5177	NS	1	0.0	43.5	2.156	0.0	48.054	1.605	0.0	42.259	1.48	0.0	37.181	1.363	0.0	45.086	1.797	0.0	50.931	1.305	0.0	39.974	1.234	0.0	35.454	1.128
106	5176	5177	SN	1	0.0	49.671	6.804	0.0	46.817	5.752	0.0	46.343	4.239	0.0	41.812	4.374	0.0	53.779	6.423	0.0	48.724	5.234	0.0	50.169	4.043	0.0	41.968	4.142
107	5176	5177	SN	1	0.0	49.671	7.016	0.0	46.817	5.955	0.0	46.343	4.288	0.0	41.812	4.553	0.0	53.779	6.631	0.0	48.724	5.477	0.0	50.169	4.111	0.0	41.968	4.331
108	5176	5177	NS	1	0.0	44.238	5.9	0.0	51.664	3.976	0.0	43.762	4.34	0.0	47.162	4.159	0.0	41.913	4.827	0.0	50.412	3.327	0.0	44.019	3.957	0.0	46.22	3.441
109	5176	5177	SN	1	0.0	39.625	1.971	0.0	48.534	1.558	0.0	37.027	1.449	0.0	41.853	1.504	0.0	38.059	1.812	0.0	50.719	1.438	0.0	36.303	1.36	0.0	38.516	1.332
110	5176	5177	SN	1	0.0	39.625	2.018	0.0	48.534	1.617	0.0	37.027	1.459	0.0	41.853	1.536	0.0	38.059	1.869	0.0	50.719	1.517	0.0	36.303	1.381	0.0	38.516	1.377
111	5177	5178	SN	1	0.0	48.995	7.404	0.0	49.481	7.105	0.0	42.352	5.476	0.0	43.166	6.487	0.0	46.077	6.935	0.0	52.473	6.534	0.0	43.016	5.19	0.0	43.938	6.044
112	5177	5178	NS	1	0.0	44.629	1.973	0.0	51.057	1.735	0.0	42.331	1.242	0.0	43.468	1.137	0.0	47.271	1.843	0.0	50.279	1.629	0.0	41.107	1.18	0.0	41.659	1.059
113	5177	5178	SN	1	0.0	42.809	2.606	0.0	38.856	2.41	0.0	38.793	1.934	0.0	48.587	2.275	0.0	41.628	2.319	0.0	40.261	2.083	0.0	38.939	1.768	0.0	48.71	2.042
114	5177	5178	SN	1	0.0	42.809	2.606	0.0	38.856	2.405	0.0	38.793	1.934	0.0	48.587	2.243	0.0	41.628	2.319	0.0	40.261	2.078	0.0	38.939	1.768	0.0	48.71	2.011
115	5177	5178	NS	1	0.0	53.628	5.161	0.0	50.692	5.223	0.0	50.525	4.34	0.0	45.522	4.003	0.0	53.506	4.989	0.0	53.506	4.807	0.0	49.639	4.127	0.0	46.537	3.839
116	5177	5178	SN	1	0.0	48.995	7.404	0.0	49.481	7.08	0.0	42.352	5.476	0.0	43.166	6.557	0.0	46.077	6.935	0.0	52.473	6.535	0.0	43.016	5.19	0.0	43.938	6.102
117	5178	5179	SN	1	0.0	45.683	3.232	0.0	42.038	2.983	0.0	38.002	2.248	0.0	39.393	2.381	0.0	44.602	2.946	0.0	43.487	2.733	0.0	37.664	2.161	0.0	37.479	2.17
118	5178	5179	NS	1	0.0	52.985	8.662	0.0	52.781	7.03	0.0	45.655	6.198	0.0	45.206	5.476	0.0	50.799	8.106	0.0	54.036	6.48	0.0	45.495	5.574	0.0	46.597	4.635
119	5178	5179	SN	1	0.0	45.683	3.241	0.0	42.038	2.973	0.0	38.327	2.234	0.0	39.393	2.382	0.0	44.602	2.956	0.0	43.487	2.726	0.0	40.528	2.161	0.0	37.479	2.172
120	5178	5179	NS	1	0.0	50.118	2.802	0.0	44.93	2.165	0.0	43.29	1.888	0.0	42.16	1.548	0.0	46.632	2.394	0.0	42.877	1.826	0.0	42.133	1.678	0.0	45.451	1.245
121	5178	5179	SN	1	0.0	46.551	10.494	0.0	47.773	10.25	0.0	39.996	6.785	0.0	40.312	7.029	0.0	51.25	9.735	0.0	48.579	9.64	0.0	40.361	6.664	0.0	40.686	6.772
122	5178	5179	SN	1	0.0	46.551	10.473	0.0	47.773	10.241	0.0	39.996	6.807	0.0	40.312	7.008	0.0	51.25	9.741	0.0	48.579	9.587	0.0	40.361	6.686	0.0	40.686	6.735
123	5179	5180	SN	1	0.0	53.156	2.898	0.0	50.947	2.825	0.0	39.982	1.961	0.0	44.233	2.12	0.0	53.078	2.743	0.0	53.054	2.52	0.0	37.928	1.893	0.0	40.414	1.957
124	5179	5180	SN	1	0.0	51.142	9.552	0.0	48.075	9.689	0.0	41.967	5.982	0.0	46.551	6.733	0.0	53.465	9.423	0.0	48.576	8.757	0.0	44.299	5.823	0.0	42.735	6.292
125	5179	5180	SN	1	0.0	51.142	9.948	0.0	55.353	10.329	0.0	41.967	6.094	0.0	46.551	7.131	0.0	53.465	9.867	0.0	54.815	9.484	0.0	44.299	5.91	0.0	44.592	6.703
126	5179	5180	NS	1	0.0	55.4	2.885	0.0	43.913	2.486	0.0	40.849	1.982	0.0	43.888	1.75	0.0	51.724	2.536	0.0	46.649	2.261	0.0	39.958	1.84	0.0	42.246	1.608
127	5179	5180	SN	1	0.0	53.156	2.978	0.0	50.947	2.965	0.0	39.982	2.0	0.0	44.233	2.198	0.0	53.078	2.836	0.0	53.054	2.662	0.0	38.997	1.929	0.0	40.414	2.032
128	5179	5180	NS	1	0.0	54.871	8.08	0.0	51.678	7.599	0.0	48.299	6.332	0.0	46.967	5.76	0.0	51.747	7.807	0.0	50.851	7.102	0.0	46.631	6.176	0.0	47.265	5.291
129	5180	5181	NS	1	0.0	47.419	8.656	0.0	46.367	6.168	0.0	42.819	5.914	0.0	40.44	5.369	0.0	48.679	8.11	0.0	48.859	5.681	0.0	40.888	5.921	0.0	42.824	5.014
130	5180	5181	NS	1	0.0	47.419	8.656	0.0	46.367	6.168	0.0	42.819	5.914	0.0	40.44	5.369	0.0	48.679	8.11	0.0	48.859	5.681	0.0	40.888	5.921	0.0	42.824	5.014
131	5180	5181	SN	1	0.0	50.768	3.22	0.0	53.034	3.284	0.0	44.581	1.773	0.0	41.248	1.709	0.0	53.962	2.923	0.0	50.14	2.976	0.0	41.735	1.685	0.0	40.516	1.582
132	5180	5181	SN	1	0.0	55.618	11.238	0.0	58.726	11.193	0.0	44.886	6.577	0.0	51.068	6.653	0.0	54.68	10.914	0.0	61.401	10.897	0.0	43.958	6.199	0.0	51.401	6.518
133	5180	5181	SN	1	0.0	55.618	11.218	0.0	58.726	11.193	0.0	44.886	6.562	0.0	49.493	6.682	0.0	54.68	10.884	0.0	61.401	10.877	0.0	43.958	6.199	0.0	51.401	6.539
134	5180	5181	SN	1	0.0	50.768	3.447	0.0	53.034	3.517	0.0	39.43	1.805	0.0	43.864	1.882	0.0	53.962	3.164	0.0	51.952	3.232	0.0	41.735	1.713	0.0	41.146	1.782
135	5180	5181	SN	1	0.0	50.768	3.433	0.0	53.034	3.497	0.0	39.43	1.803	0.0	41.938	1.868	0.0	53.962	3.15	0.0	52.698	3.218	0.0	41.735	1.715	0.0	40.516	1.77
136	5180	5181	SN	1	0.0	55.618	10.308	0.0	58.726	10.114	0.0	44.886	6.484	0.0	49.493	6.118	0.0	54.68	9.942	0.0	61.401	9.869	0.0	43.958	6.094	0.0	51.401	5.883
137	5180	5181	NS	1	0.0	45.944	3.065	0.0	42.058	2.207	0.0	37.475	2.017	0.0	43.011	1.806	0.0	44.579	2.75	0.0	41.487	2.002	0.0	37.245	1.879	0.0	44.479	1.617
138	5180	5181	NS	1	0.0	45.944	3.065	0.0	42.058	2.207	0.0	37.475	2.017	0.0	43.011	1.806	0.0	44.579	2.75	0.0	41.487	2.002	0.0	37.245	1.879	0.0	44.479	1.617
139	5181	5182	SN	1	0.0	44.606	2.227	0.0	47.641	1.963	0.0	39.23	1.525	0.0	41.695	1.42	0.0	43.76	2.057	0.0	47.807	1.827	0.0	37.049	1.437	0.0	39.348	1.284

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

140	5181	5182	SN	1	0.0	48.932	6.934	0.0	53.402	6.055	0.0	43.949	4.994	0.0	44.92	4.629	0.0	49.715	6.591	0.0	50.304	5.689	0.0	44.99	4.93	0.0	45.71	4.373
141	5181	5182	NS	1	0.0	46.869	3.229	0.0	52.705	2.881	0.0	39.354	2.147	0.0	43.686	2.231	0.0	44.33	3.179	0.0	51.674	2.754	0.0	38.659	2.11	0.0	43.468	2.148
142	5181	5182	NS	1	0.0	46.846	8.3	0.0	55.966	8.066	0.0	45.338	6.961	0.0	47.798	6.94	0.0	50.886	8.341	0.0	56.79	7.802	0.0	46.019	7.11	0.0	47.503	6.641
143	5181	5182	NS	1	0.0	48.506	8.269	0.0	58.599	8.015	0.0	50.171	7.032	0.0	45.451	6.94	0.0	48.598	8.35	0.0	59.424	7.823	0.0	51.137	7.124	0.0	45.157	6.691
144	5181	5182	NS	1	0.0	44.779	3.247	0.0	51.438	2.908	0.0	41.585	2.135	0.0	41.531	2.196	0.0	45.1	3.172	0.0	50.884	2.766	0.0	42.591	2.094	0.0	39.766	2.129
145	5182	5183	SN	1	0.0	42.976	1.987	0.0	42.043	1.929	0.0	44.176	1.644	0.0	41.712	1.604	0.0	43.417	1.813	0.0	41.502	1.816	0.0	44.586	1.568	0.0	40.22	1.491
146	5182	5183	NS	1	0.0	48.067	3.264	0.0	48.949	2.533	0.0	42.112	2.056	0.0	46.757	2.119	0.0	46.846	2.8	0.0	50.118	2.258	0.0	39.528	1.812	0.0	48.959	1.793
147	5182	5183	NS	1	0.0	52.19	9.329	0.0	53.371	8.225	0.0	47.453	6.823	0.0	47.747	6.999	0.0	54.224	8.389	0.0	52.896	7.243	0.0	45.974	6.142	0.0	49.343	6.106
148	5182	5183	SN	1	0.0	41.32	6.115	0.0	47.697	6.096	0.0	39.783	4.894	0.0	49.561	4.922	0.0	41.838	5.58	0.0	46.341	5.689	0.0	42.013	4.78	0.0	46.875	4.629
149	5183	5184	NS	1	0.0	48.093	2.55	0.0	51.676	2.062	0.0	38.814	2.037	0.0	43.777	1.762	0.0	48.888	2.348	0.0	52.781	1.891	0.0	39.052	1.945	0.0	45.231	1.592
150	5183	5184	NS	1	0.0	50.822	7.469	0.0	47.279	6.748	0.0	42.001	5.88	0.0	43.449	5.162	0.0	53.375	7.055	0.0	48.089	6.272	0.0	41.545	5.703	0.0	47.39	4.886

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	5159	5160	SN	1	0.0	25.772	7.981	0.0	27.217	7.762	0.0	73.708	1.741	0.0	11.35	1.775	0.0	1.883	0.0	0.0	1.939	0.0	0.0	2.01	0.0	0.0	2.044	0.0
2	5159	5160	SN	1	0.0	31.402	15.288	0.0	25.799	14.04	0.0	84.175	10.275	0.0	15.271	9.404	0.0	1.883	0.0	0.0	1.959	0.0	0.0	2.014	0.0	0.0	2.038	0.0
3	5159	5160	SN	1	0.0	31.402	15.22	0.0	27.018	14.38	0.0	84.175	10.122	0.0	67.553	9.885	0.0	1.883	0.0	0.0	1.959	0.0	0.0	2.014	0.0	0.0	2.038	0.0
4	5159	5160	NS	1	0.0	27.25	13.761	0.0	32.505	16.154	0.0	154.732	14.886	0.0	62.634	14.686	0.0	1.927	0.0	0.0	1.909	0.0	0.0	2.08	0.0	0.0	2.071	0.0
5	5159	5160	SN	1	0.0	31.402	15.22	0.0	27.018	14.38	0.0	84.175	10.122	0.0	67.553	9.885	0.0	1.883	0.0	0.0	1.959	0.0	0.0	2.014	0.0	0.0	2.038	0.0
6	5159	5160	SN	1	0.0	25.772	7.97	0.0	27.217	7.793	0.0	73.708	1.702	0.0	66.643	1.91	0.0	1.883	0.0	0.0	1.939	0.0	0.0	2.01	0.0	0.0	2.044	0.0
7	5159	5160	SN	1	0.0	25.772	7.97	0.0	27.217	7.793	0.0	73.708	1.702	0.0	66.643	1.91	0.0	1.883	0.0	0.0	1.939	0.0	0.0	2.01	0.0	0.0	2.044	0.0
8	5159	5160	NS	1	0.0	27.023	11.059	0.0	26.99	10.325	0.0	143.625	5.726	0.0	120.784	5.267	0.0	1.924	0.0	0.0	1.914	0.0	0.0	2.08	0.0	0.0	2.072	0.0
9	5160	5161	NS	1	0.0	27.023	11.042	0.0	27.007	10.31	0.0	353.134	5.681	0.0	129.79	5.221	0.0	1.924	0.0	0.0	1.915	0.0	0.0	2.08	0.0	0.0	2.071	0.0
10	5160	5161	SN	1	0.0	25.777	7.974	0.0	27.233	7.794	0.0	72.715	1.704	0.0	49.613	1.904	0.0	1.881	0.0	0.0	1.939	0.0	0.0	2.01	0.0	0.0	2.044	0.0
11	5160	5161	NS	1	0.0	27.029	11.017	0.0	27.007	10.306	0.0	354.86	5.694	0.0	137.489	5.232	0.0	1.924	0.0	0.0	1.914	0.0	0.0	2.08	0.0	0.0	2.072	0.0
12	5160	5161	SN	1	0.0	25.777	7.975	0.0	27.233	7.787	0.0	72.715	1.721	0.0	13.506	1.826	0.0	1.881	0.0	0.0	1.939	0.0	0.0	2.01	0.0	0.0	2.044	0.0
13	5160	5161	SN	1	0.0	25.777	7.975	0.0	27.233	7.786	0.0	72.715	1.721	0.0	13.506	1.82	0.0	1.881	0.0	0.0	1.939	0.0	0.0	2.01	0.0	0.0	2.044	0.0
14	5160	5161	SN	1	0.0	31.342	15.161	0.0	27.106	14.215	0.0	88.295	10.202	0.0	18.552	9.667	0.0	1.883	0.0	0.0	1.96	0.0	0.0	2.013	0.0	0.0	2.024	0.0
15	5160	5161	NS	1	0.0	27.239	13.813	0.0	32.544	16.225	0.0	146.658	14.879	0.0	75.881	14.835	0.0	1.926	0.0	0.0	1.909	0.0	0.0	2.081	0.0	0.0	2.071	0.0
16	5160	5161	NS	1	0.0	27.222	13.767	0.0	32.544	16.157	0.0	354.965	14.909	0.0	145.795	14.892	0.0	1.922	0.0	0.0	1.914	0.0	0.0	2.079	0.0	0.0	2.071	0.0
17	5160	5161	SN	1	0.0	31.342	15.158	0.0	27.106	14.23	0.0	88.295	10.209	0.0	20.499	9.743	0.0	1.883	0.0	0.0	1.96	0.0	0.0	2.013	0.0	0.0	2.024	0.0
18	5160	5161	SN	1	0.0	31.342	15.139	0.0	27.106	14.38	0.0	88.295	10.118	0.0	52.619	9.935	0.0	1.883	0.0	0.0	1.96	0.0	0.0	2.013	0.0	0.0	2.024	0.0
19	5161	5162	SN	1	0.0	29.726	15.253	0.0	26.472	14.141	0.0	116.063	10.213	0.0	16.738	9.683	0.0	1.881	0.0	0.0	1.959	0.0	0.0	2.015	0.0	0.0	2.039	0.0
20	5161	5162	SN	1	0.0	29.726	15.207	0.0	27.051	14.342	0.0	116.063	10.106	0.0	52.288	9.99	0.0	1.881	0.0	0.0	1.959	0.0	0.0	2.015	0.0	0.0	2.039	0.0
21	5161	5162	SN	1	0.0	29.726	15.207	0.0	27.051	14.342	0.0	116.063	10.106	0.0	52.288	9.99	0.0	1.881	0.0	0.0	1.959	0.0	0.0	2.015	0.0	0.0	2.039	0.0
22	5161	5162	NS	1	0.0	27.222	13.801	0.0	32.561	16.136	0.0	155.261	14.972	0.0	72.908	14.88	0.0	1.924	0.0	0.0	1.922	0.0	0.0	2.079	0.0	0.0	2.07	0.0
23	5161	5162	SN	1	0.0	25.783	8.013	0.0	27.228	7.82	0.0	105.982	1.726	0.0	57.406	1.936	0.0	1.884	0.0	0.0	1.932	0.0	0.0	2.009	0.0	0.0	2.054	0.0
24	5161	5162	SN	1	0.0	25.783	8.013	0.0	27.228	7.82	0.0	105.982	1.726	0.0	57.406	1.936	0.0	1.884	0.0	0.0	1.932	0.0	0.0	2.009	0.0	0.0	2.054	0.0
25	5161	5162	NS	1	0.0	27.029	11.009	0.0	26.996	10.258	0.0	355.02	5.731	0.0	139.474	5.18	0.0	1.923	0.0	0.0	1.913	0.0	0.0	2.08	0.0	0.0	2.07	0.0
26	5161	5162	SN	1	0.0	25.783	8.014	0.0	27.228	7.803	0.0	105.982	1.753	0.0	12.343	1.834	0.0	1.884	0.0	0.0	1.932	0.0	0.0	2.009	0.0	0.0	2.054	0.0
27	5162	5163	NS	1	0.0	27.023	11.011	0.0	26.99	10.239	0.0	353.057	5.705	0.0	134.494	5.129	0.0	1.922	0.0	0.0	1.913	0.0	0.0	2.079	0.0	0.0	2.071	0.0
28	5162	5163	NS	1	0.0	27.018	10.995	0.0	26.99	10.245	0.0	355.196	5.72	0.0	134.494	5.125	0.0	1.922	0.0	0.0	1.913	0.0	0.0	2.083	0.0	0.0	2.07	0.0
29	5162	5163	SN	1	0.0	29.709	15.195	0.0	131.536	14.465	0.0	83.872	10.142	0.0	53.187	10.019	0.0	1.88	0.0	0.0	1.96	0.0	0.0	2.013	0.0	0.0	2.039	0.0
30	5162	5163	SN	1	0.0	29.709	15.195	0.0	131.536	14.465	0.0	83.872	10.142	0.0	53.187	10.019	0.0	1.88	0.0	0.0	1.96	0.0	0.0	2.013	0.0	0.0	2.039	0.0
31	5162	5163	NS	1	0.0	27.233	13.771	0.0	32.583	16.178	0.0	158.399	14.965	0.0	80.144	14.908	0.0	1.923	0.0	0.0	1.912	0.0	0.0	2.083	0.0	0.0	2.07	0.0

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

32	5162	5163	SN	1	0.0	29.709	15.265	0.0	131.536	14.158	0.0	83.872	10.312	0.0	15.365	9.576	0.0	1.88	0.0	0.0	1.96	0.0	0.0	2.013	0.0	0.0	2.039	0.0
33	5162	5163	NS	1	0.0	27.217	13.796	0.0	32.379	16.235	0.0	354.187	14.953	0.0	149.528	14.882	0.0	1.918	0.0	0.0	1.917	0.0	0.0	2.079	0.0	0.0	2.072	0.0
34	5162	5163	SN	1	0.0	25.777	8.051	0.0	168.668	7.795	0.0	79.714	1.735	0.0	11.438	1.827	0.0	1.883	0.0	0.0	1.931	0.0	0.0	2.01	0.0	0.0	2.055	0.0
35	5162	5163	SN	1	0.0	25.777	8.042	0.0	168.668	7.827	0.0	79.714	1.692	0.0	70.862	1.948	0.0	1.883	0.0	0.0	1.931	0.0	0.0	2.01	0.0	0.0	2.055	0.0
36	5162	5163	SN	1	0.0	25.777	8.042	0.0	168.668	7.827	0.0	79.714	1.692	0.0	70.862	1.948	0.0	1.883	0.0	0.0	1.931	0.0	0.0	2.01	0.0	0.0	2.055	0.0
37	5163	5164	NS	1	0.0	27.239	13.796	0.0	33.068	16.215	0.0	173.455	14.981	0.0	193.676	14.945	0.0	1.918	0.0	0.0	1.911	0.0	0.0	2.08	0.0	0.0	2.071	0.0
38	5163	5164	SN	1	0.0	25.788	8.036	0.0	27.239	7.825	0.0	84.573	1.696	0.0	22.396	1.912	0.0	1.883	0.0	0.0	1.933	0.0	0.0	2.01	0.0	0.0	2.036	0.0
39	5163	5164	SN	1	0.0	32.141	15.206	0.0	25.799	14.007	0.0	101.388	10.349	0.0	14.549	9.319	0.0	1.88	0.0	0.0	1.96	0.0	0.0	2.014	0.0	0.0	2.04	0.0
40	5163	5164	SN	1	0.0	25.788	8.036	0.0	27.239	7.823	0.0	84.799	1.699	0.0	25.75	1.908	0.0	1.885	0.0	0.0	1.929	0.0	0.0	2.011	0.0	0.0	2.035	0.0
41	5163	5164	SN	1	0.0	29.72	15.144	0.0	28.32	14.465	0.0	101.586	10.099	0.0	39.482	9.983	0.0	1.881	0.0	0.0	1.958	0.0	0.0	2.015	0.0	0.0	2.039	0.0
42	5163	5164	SN	1	0.0	32.141	15.134	0.0	28.32	14.434	0.0	101.388	10.127	0.0	39.482	9.961	0.0	1.88	0.0	0.0	1.96	0.0	0.0	2.014	0.0	0.0	2.04	0.0
43	5163	5164	SN	1	0.0	25.788	8.057	0.0	27.239	7.753	0.0	84.573	1.757	0.0	11.515	1.803	0.0	1.883	0.0	0.0	1.933	0.0	0.0	2.01	0.0	0.0	2.036	0.0
44	5163	5164	NS	1	0.0	27.029	11.027	0.0	26.985	10.284	0.0	168.354	5.699	0.0	150.515	5.182	0.0	1.925	0.0	0.0	1.912	0.0	0.0	2.081	0.0	0.0	2.071	0.0
45	5163	5164	NS	1	0.0	27.239	13.803	0.0	31.38	16.166	0.0	168.938	14.95	0.0	76.124	14.937	0.0	1.922	0.0	0.0	1.922	0.0	0.0	2.08	0.0	0.0	2.071	0.0
46	5163	5164	NS	1	0.0	27.029	11.02	0.0	26.985	10.276	0.0	161.813	5.713	0.0	144.868	5.185	0.0	1.925	0.0	0.0	1.913	0.0	0.0	2.08	0.0	0.0	2.071	0.0
47	5164	5165	NS	1	0.0	27.023	11.033	0.0	26.99	10.275	0.0	126.66	5.709	0.0	186.832	5.228	0.0	1.924	0.0	0.0	1.912	0.0	0.0	2.08	0.0	0.0	2.071	0.0
48	5164	5165	NS	1	0.0	27.217	13.828	0.0	32.29	16.163	0.0	179.494	14.962	0.0	75.859	14.785	0.0	1.923	0.0	0.0	1.917	0.0	0.0	2.08	0.0	0.0	2.07	0.0
49	5164	5165	NS	1	0.0	27.211	13.807	0.0	32.798	16.183	0.0	353.641	14.941	0.0	76.079	14.849	0.0	1.922	0.0	0.0	1.915	0.0	0.0	2.08	0.0	0.0	2.073	0.0
50	5164	5165	SN	1	0.0	25.777	7.995	0.0	27.228	7.793	0.0	113.256	1.725	0.0	12.403	1.821	0.0	1.884	0.0	0.0	1.932	0.0	0.0	2.01	0.0	0.0	2.051	0.0
51	5164	5165	SN	1	0.0	30.47	15.116	0.0	27.718	14.486	0.0	126.448	10.091	0.0	62.082	9.933	0.0	1.881	0.0	0.0	1.96	0.0	0.0	2.014	0.0	0.0	2.064	0.0
52	5164	5165	SN	1	0.0	30.47	15.116	0.0	27.718	14.486	0.0	126.448	10.091	0.0	62.082	9.933	0.0	1.881	0.0	0.0	1.96	0.0	0.0	2.014	0.0	0.0	2.064	0.0
53	5164	5165	SN	1	0.0	30.47	15.178	0.0	27.134	14.298	0.0	126.448	10.207	0.0	17.46	9.625	0.0	1.881	0.0	0.0	1.96	0.0	0.0	2.014	0.0	0.0	2.064	0.0
54	5164	5165	NS	1	0.0	27.023	11.029	0.0	26.99	10.291	0.0	353.641	5.691	0.0	187.129	5.215	0.0	1.923	0.0	0.0	1.913	0.0	0.0	2.08	0.0	0.0	2.072	0.0
55	5164	5165	SN	1	0.0	25.777	7.999	0.0	27.228	7.814	0.0	113.256	1.697	0.0	64.36	1.934	0.0	1.884	0.0	0.0	1.932	0.0	0.0	2.01	0.0	0.0	2.051	0.0
56	5164	5165	SN	1	0.0	25.777	7.999	0.0	27.228	7.814	0.0	113.256	1.697	0.0	64.36	1.934	0.0	1.884	0.0	0.0	1.932	0.0	0.0	2.01	0.0	0.0	2.051	0.0
57	5165	5166	SN	1	0.0	31.794	15.192	0.0	27.625	14.405	0.0	87.49	9.935	0.0	72.809	9.897	0.0	1.881	0.0	0.0	1.959	0.0	0.0	2.011	0.0	0.0	2.065	0.0
58	5165	5166	SN	1	0.0	25.783	8.043	0.0	27.239	7.676	0.0	63.825	1.801	0.0	11.168	1.748	0.0	1.883	0.0	0.0	1.941	0.0	0.0	2.01	0.0	0.0	2.034	0.0
59	5165	5166	SN	1	0.0	25.783	7.992	0.0	27.239	7.822	0.0	63.825	1.683	0.0	60.312	1.928	0.0	1.883	0.0	0.0	1.941	0.0	0.0	2.01	0.0	0.0	2.034	0.0
60	5165	5166	SN	1	0.0	25.783	7.994	0.0	27.239	7.824	0.0	63.825	1.684	0.0	60.119	1.93	0.0	1.883	0.0	0.0	1.941	0.0	0.0	2.01	0.0	0.0	2.034	0.0
61	5165	5166	NS	1	0.0	27.023	11.07	0.0	26.99	10.289	0.0	354.369	5.676	0.0	164.965	5.29	0.0	1.925	0.0	0.0	1.915	0.0	0.0	2.081	0.0	0.0	2.072	0.0
62	5165	5166	NS	1	0.0	27.029	11.058	0.0	26.99	10.297	0.0	155.609	5.692	0.0	164.965	5.274	0.0	1.924	0.0	0.0	1.913	0.0	0.0	2.08	0.0	0.0	2.072	0.0
63	5165	5166	SN	1	0.0	31.794	15.348	0.0	25.121	13.861	0.0	87.49	10.359	0.0	13.429	8.898	0.0	1.881	0.0	0.0	1.959	0.0	0.0	2.011	0.0	0.0	2.065	0.0
64	5165	5166	NS	1	0.0	27.239	13.811	0.0	32.516	16.198	0.0	163.098	14.915	0.0	127.595	14.842	0.0	1.924	0.0	0.0	1.928	0.0	0.0	2.08	0.0	0.0	2.073	0.0
65	5165	5166	SN	1	0.0	31.794	15.172	0.0	28.364	14.395	0.0	87.49	9.928	0.0	73.024	9.912	0.0	1.881	0.0	0.0	1.959	0.0	0.0	2.011	0.0	0.0	2.065	0.0
66	5165	5166	NS	1	0.0	27.211	13.777	0.0	32.252	16.121	0.0	354.369	14.941	0.0	78.561	14.827	0.0	1.92	0.0	0.0	1.912	0.0	0.0	2.079	0.0	0.0	2.073	0.0
67	5166	5167	NS	1	0.0	27.035	11.08	0.0	27.001	10.291	0.0	152.504	5.687	0.0	144.752	5.364	0.0	1.925	0.0	0.0	1.913	0.0	0.0	2.08	0.0	0.0	2.07	0.0
68	5166	5167	SN	1	0.0	31.402	15.189	0.0	28.369	14.412	0.0	89.1	10.009	0.0	71.342	9.899	0.0	1.881	0.0	0.0	1.961	0.0	0.0	2.012	0.0	0.0	2.028	0.0

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

69	5166	5167	NS	1	0.0	27.228	13.782	0.0	32.55	16.193	0.0	161.405	14.929	0.0	68.292	14.87	0.0	1.928	0.0	0.0	1.926	0.0	0.0	2.08	0.0	0.0	2.072	0.0
70	5166	5167	NS	1	0.0	27.244	13.761	0.0	32.544	16.132	0.0	161.659	14.936	0.0	68.072	14.841	0.0	1.93	0.0	0.0	1.924	0.0	0.0	2.081	0.0	0.0	2.072	0.0
71	5166	5167	SN	1	0.0	25.766	8.025	0.0	27.222	7.711	0.0	73.338	1.836	0.0	10.776	1.714	0.0	1.882	0.0	0.0	1.94	0.0	0.0	2.009	0.0	0.0	2.046	0.0
72	5166	5167	SN	1	0.0	25.766	7.954	0.0	27.222	7.831	0.0	73.338	1.669	0.0	52.707	1.886	0.0	1.882	0.0	0.0	1.94	0.0	0.0	2.009	0.0	0.0	2.046	0.0
73	5166	5167	NS	1	0.0	27.04	11.073	0.0	27.001	10.284	0.0	149.68	5.699	0.0	145.144	5.323	0.0	1.923	0.0	0.0	1.914	0.0	0.0	2.079	0.0	0.0	2.072	0.0
74	5166	5167	SN	1	0.0	31.402	15.452	0.0	25.121	13.745	0.0	89.1	10.683	0.0	12.977	8.64	0.0	1.881	0.0	0.0	1.961	0.0	0.0	2.012	0.0	0.0	2.028	0.0
75	5167	5168	SN	1	0.0	25.777	7.927	0.0	27.222	7.838	0.0	73.427	1.666	0.0	48.946	1.897	0.0	1.881	0.0	0.0	1.943	0.0	0.0	2.008	0.0	0.0	2.048	0.0
76	5167	5168	SN	1	0.0	31.424	15.21	0.0	27.128	14.382	0.0	90.088	9.974	0.0	67.812	9.892	0.0	1.882	0.0	0.0	1.963	0.0	0.0	2.012	0.0	0.0	2.03	0.0
77	5167	5168	NS	1	0.0	27.029	11.062	0.0	27.001	10.289	0.0	141.992	5.65	0.0	129.63	5.327	0.0	1.925	0.0	0.0	1.915	0.0	0.0	2.081	0.0	0.0	2.072	0.0
78	5167	5168	NS	1	0.0	27.217	13.771	0.0	32.577	16.163	0.0	153.033	14.872	0.0	63.875	14.905	0.0	1.924	0.0	0.0	1.927	0.0	0.0	2.08	0.0	0.0	2.073	0.0
79	5168	5169	NS	1	0.0	27.228	13.736	0.0	29.45	16.087	0.0	140.304	14.98	0.0	146.991	14.884	0.0	1.923	0.0	0.0	1.918	0.0	0.0	2.081	0.0	0.0	2.072	0.0
80	5168	5169	NS	1	0.0	27.029	11.067	0.0	26.99	10.294	0.0	354.788	5.708	0.0	138.664	5.345	0.0	1.924	0.0	0.0	1.914	0.0	0.0	2.081	0.0	0.0	2.072	0.0
81	5173	5174	SN	1	0.0	25.761	7.979	0.0	27.228	7.875	0.0	66.698	1.603	0.0	60.444	1.916	0.0	1.878	0.0	0.0	1.942	0.0	0.0	2.008	0.0	0.0	2.034	0.0
82	5173	5174	SN	1	0.0	29.676	15.142	0.0	28.452	14.193	0.0	86.922	9.871	0.0	77.26	9.812	0.0	1.874	0.0	0.0	1.96	0.0	0.0	2.011	0.0	0.0	2.063	0.0
83	5173	5174	SN	1	0.0	29.676	15.142	0.0	28.452	14.193	0.0	86.922	9.871	0.0	77.26	9.812	0.0	1.874	0.0	0.0	1.96	0.0	0.0	2.011	0.0	0.0	2.063	0.0
84	5173	5174	SN	1	0.0	25.761	7.998	0.0	27.228	7.738	0.0	66.698	1.674	0.0	11.394	1.763	0.0	1.878	0.0	0.0	1.942	0.0	0.0	2.008	0.0	0.0	2.034	0.0
85	5173	5174	SN	1	0.0	29.676	15.23	0.0	27.139	13.684	0.0	86.922	10.159	0.0	14.278	9.049	0.0	1.874	0.0	0.0	1.96	0.0	0.0	2.011	0.0	0.0	2.063	0.0
86	5173	5174	SN	1	0.0	25.761	7.979	0.0	27.228	7.875	0.0	66.698	1.603	0.0	60.444	1.916	0.0	1.878	0.0	0.0	1.942	0.0	0.0	2.008	0.0	0.0	2.034	0.0
87	5174	5175	SN	1	0.0	25.766	7.99	0.0	27.233	7.839	0.0	72.484	1.616	0.0	64.432	1.912	0.0	1.879	0.0	0.0	1.943	0.0	0.0	2.007	0.0	0.0	2.045	0.0
88	5174	5175	NS	1	0.0	27.217	13.792	0.0	32.599	16.082	0.0	159.662	14.971	0.0	63.649	14.855	0.0	1.922	0.0	0.0	1.906	0.0	0.0	2.082	0.0	0.0	2.071	0.0
89	5174	5175	NS	1	0.0	27.04	11.097	0.0	26.99	10.284	0.0	148.025	5.668	0.0	137.638	5.449	0.0	1.927	0.0	0.0	1.913	0.0	0.0	2.081	0.0	0.0	2.072	0.0
90	5174	5175	SN	1	0.0	31.419	15.243	0.0	27.906	14.041	0.0	88.847	10.071	0.0	20.687	9.581	0.0	1.876	0.0	0.0	1.961	0.0	0.0	2.011	0.0	0.0	2.03	0.0
91	5174	5175	SN	1	0.0	25.766	7.99	0.0	27.233	7.839	0.0	72.484	1.616	0.0	64.432	1.912	0.0	1.879	0.0	0.0	1.943	0.0	0.0	2.007	0.0	0.0	2.045	0.0
92	5174	5175	SN	1	0.0	31.419	15.204	0.0	28.375	14.209	0.0	88.847	9.987	0.0	71.541	9.843	0.0	1.876	0.0	0.0	1.961	0.0	0.0	2.011	0.0	0.0	2.03	0.0
93	5174	5175	SN	1	0.0	31.419	15.204	0.0	28.375	14.209	0.0	88.847	9.987	0.0	71.541	9.843	0.0	1.876	0.0	0.0	1.961	0.0	0.0	2.011	0.0	0.0	2.03	0.0
94	5174	5175	SN	1	0.0	25.766	7.988	0.0	27.233	7.815	0.0	72.484	1.633	0.0	14.124	1.804	0.0	1.879	0.0	0.0	1.943	0.0	0.0	2.007	0.0	0.0	2.045	0.0
95	5175	5176	SN	1	0.0	25.766	8.003	0.0	27.233	7.847	0.0	73.526	1.616	0.0	40.91	1.931	0.0	1.879	0.0	0.0	1.943	0.0	0.0	2.009	0.0	0.0	2.045	0.0
96	5175	5176	NS	1	0.0	190.132	11.083	0.0	26.996	10.263	0.0	139.985	5.65	0.0	132.553	5.398	0.0	1.928	0.0	0.0	1.914	0.0	0.0	2.08	0.0	0.0	2.071	0.0
97	5175	5176	SN	1	0.0	31.463	15.144	0.0	28.369	14.228	0.0	89.657	9.91	0.0	57.213	9.9	0.0	1.875	0.0	0.0	1.962	0.0	0.0	2.011	0.0	0.0	2.031	0.0
98	5175	5176	NS	1	0.0	47.415	11.072	0.0	27.001	10.256	0.0	354.761	5.636	0.0	138.002	5.391	0.0	1.926	0.0	0.0	1.912	0.0	0.0	2.08	0.0	0.0	2.071	0.0
99	5175	5176	SN	1	0.0	25.766	7.997	0.0	27.233	7.822	0.0	73.526	1.626	0.0	14.604	1.852	0.0	1.879	0.0	0.0	1.943	0.0	0.0	2.009	0.0	0.0	2.045	0.0
100	5175	5176	NS	1	0.0	54.254	13.746	0.0	32.5	16.085	0.0	354.899	14.958	0.0	147.934	14.92	0.0	1.919	0.0	0.0	1.905	0.0	0.0	2.082	0.0	0.0	2.071	0.0
101	5175	5176	NS	1	0.0	51.414	13.711	0.0	32.654	16.071	0.0	144.976	14.916	0.0	76.874	14.905	0.0	1.921	0.0	0.0	1.918	0.0	0.0	2.082	0.0	0.0	2.071	0.0
102	5175	5176	SN	1	0.0	31.463	15.176	0.0	27.906	14.071	0.0	89.657	9.977	0.0	20.742	9.639	0.0	1.875	0.0	0.0	1.962	0.0	0.0	2.011	0.0	0.0	2.031	0.0
103	5175	5176	SN	1	0.0	25.766	8.002	0.0	27.228	7.821	0.0	73.515	1.62	0.0	14.604	1.849	0.0	1.879	0.0	0.0	1.943	0.0	0.0	2.009	0.0	0.0	2.045	0.0
104	5175	5176	SN	1	0.0	31.463	15.175	0.0	27.9	14.06	0.0	89.641	9.984	0.0	20.742	9.61	0.0	1.875	0.0	0.0	1.962	0.0	0.0	2.011	0.0	0.0	2.031	0.0
105	5176	5177	NS	1	0.0	27.035	11.096	0.0	26.985	10.249	0.0	354.932	5.6	0.0	134.958	5.347	0.0	1.925	0.0	0.0	1.92	0.0	0.0	2.081	0.0	0.0	2.069	0.0

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

106	5176	5177	SN	1	0.0	31.976	15.165	0.0	27.9	13.972	0.0	117.205	10.115	0.0	16.837	9.577	0.0	1.878	0.0	0.0	1.961	0.0	0.0	2.012	0.0	0.0	2.047	0.0
107	5176	5177	SN	1	0.0	31.976	15.104	0.0	28.485	14.232	0.0	117.205	9.999	0.0	56.683	9.954	0.0	1.878	0.0	0.0	1.961	0.0	0.0	2.012	0.0	0.0	2.047	0.0
108	5176	5177	NS	1	0.0	27.228	13.733	0.0	29.389	16.065	0.0	141.49	14.95	0.0	74.033	14.93	0.0	1.926	0.0	0.0	1.924	0.0	0.0	2.083	0.0	0.0	2.071	0.0
109	5176	5177	SN	1	0.0	25.761	8.048	0.0	27.233	7.813	0.0	107.267	1.652	0.0	12.475	1.832	0.0	1.878	0.0	0.0	1.94	0.0	0.0	2.008	0.0	0.0	2.059	0.0
110	5176	5177	SN	1	0.0	25.761	8.05	0.0	27.233	7.859	0.0	107.267	1.626	0.0	72.202	1.966	0.0	1.878	0.0	0.0	1.94	0.0	0.0	2.008	0.0	0.0	2.059	0.0
111	5177	5178	SN	1	0.0	30.09	15.194	0.0	27.211	14.047	0.0	74.844	10.196	0.0	32.442	9.891	0.0	1.876	0.0	0.0	1.959	0.0	0.0	2.013	0.0	0.0	2.051	0.0
112	5177	5178	NS	1	0.0	27.04	11.084	0.0	26.996	10.231	0.0	317.562	5.622	0.0	143.28	5.386	0.0	1.926	0.0	0.0	1.912	0.0	0.0	2.08	0.0	0.0	2.07	0.0
113	5177	5178	SN	1	0.0	25.766	8.055	0.0	27.244	7.785	0.0	74.839	1.678	0.0	11.355	1.804	0.0	1.879	0.0	0.0	1.937	0.0	0.0	2.008	0.0	0.0	2.034	0.0
114	5177	5178	SN	1	0.0	25.766	8.055	0.0	27.244	7.709	0.0	74.839	1.678	0.0	15.817	1.926	0.0	1.879	0.0	0.0	1.937	0.0	0.0	2.008	0.0	0.0	2.034	0.0
115	5177	5178	NS	1	0.0	27.222	13.762	0.0	29.4	16.075	0.0	168.012	14.907	0.0	81.429	14.965	0.0	1.926	0.0	0.0	1.905	0.0	0.0	2.08	0.0	0.0	2.069	0.0
116	5177	5178	SN	1	0.0	30.09	15.194	0.0	27.211	13.898	0.0	74.844	10.196	0.0	14.51	9.385	0.0	1.876	0.0	0.0	1.959	0.0	0.0	2.013	0.0	0.0	2.051	0.0
117	5178	5179	SN	1	0.0	25.772	8.038	0.0	27.233	7.887	0.0	84.451	1.629	0.0	20.549	1.92	0.0	1.88	0.0	0.0	1.943	0.0	0.0	2.008	0.0	0.0	2.039	0.0
118	5178	5179	NS	1	0.0	27.211	13.762	0.0	32.412	16.083	0.0	173.268	14.935	0.0	75.589	14.96	0.0	1.926	0.0	0.0	1.926	0.0	0.0	2.08	0.0	0.0	2.071	0.0
119	5178	5179	SN	1	0.0	25.772	8.035	0.0	27.233	7.892	0.0	84.451	1.626	0.0	41.55	1.94	0.0	1.88	0.0	0.0	1.943	0.0	0.0	2.008	0.0	0.0	2.039	0.0
120	5178	5179	NS	1	0.0	27.051	11.111	0.0	26.996	10.266	0.0	166.032	5.626	0.0	146.059	5.425	0.0	1.925	0.0	0.0	1.92	0.0	0.0	2.08	0.0	0.0	2.071	0.0
121	5178	5179	SN	1	0.0	31.86	15.144	0.0	28.485	14.251	0.0	101.702	10.021	0.0	47.225	9.876	0.0	1.872	0.0	0.0	1.964	0.0	0.0	2.013	0.0	0.0	2.053	0.0
122	5178	5179	SN	1	0.0	31.86	15.13	0.0	28.485	14.221	0.0	101.702	10.043	0.0	26.709	9.769	0.0	1.872	0.0	0.0	1.964	0.0	0.0	2.013	0.0	0.0	2.053	0.0
123	5179	5180	SN	1	0.0	25.772	8.025	0.0	27.233	7.822	0.0	129.205	1.705	0.0	11.333	1.748	0.0	1.88	0.0	0.0	1.941	0.0	0.0	2.008	0.0	0.0	2.035	0.0
124	5179	5180	SN	1	0.0	29.693	15.305	0.0	26.251	13.764	0.0	132.272	10.324	0.0	13.815	8.937	0.0	1.878	0.0	0.0	1.961	0.0	0.0	2.012	0.0	0.0	2.066	0.0
125	5179	5180	SN	1	0.0	29.693	15.14	0.0	28.513	14.277	0.0	132.272	9.977	0.0	70.129	9.877	0.0	1.878	0.0	0.0	1.961	0.0	0.0	2.012	0.0	0.0	2.066	0.0
126	5179	5180	NS	1	0.0	27.04	11.114	0.0	26.996	10.286	0.0	143.134	5.654	0.0	173.132	5.453	0.0	1.926	0.0	0.0	1.913	0.0	0.0	2.081	0.0	0.0	2.072	0.0
127	5179	5180	SN	1	0.0	25.772	8.003	0.0	27.233	7.999	0.0	129.205	1.615	0.0	65.259	1.961	0.0	1.88	0.0	0.0	1.941	0.0	0.0	2.008	0.0	0.0	2.035	0.0
128	5179	5180	NS	1	0.0	27.233	13.813	0.0	30.404	16.05	0.0	156.943	14.841	0.0	76.322	14.898	0.0	1.926	0.0	0.0	1.918	0.0	0.0	2.08	0.0	0.0	2.071	0.0
129	5180	5181	NS	1	0.0	27.239	13.823	0.0	29.428	16.131	0.0	354.375	14.841	0.0	73.526	14.941	0.0	1.926	0.0	0.0	1.907	0.0	0.0	2.082	0.0	0.0	2.072	0.0
130	5180	5181	NS	1	0.0	27.239	13.823	0.0	29.428	16.131	0.0	354.375	14.841	0.0	73.526	14.941	0.0	1.926	0.0	0.0	1.907	0.0	0.0	2.082	0.0	0.0	2.072	0.0
131	5180	5181	SN	1	0.0	25.755	8.028	0.0	27.239	7.872	0.0	64.498	1.706	0.0	11.052	1.73	0.0	1.88	0.0	0.0	1.94	0.0	0.0	2.008	0.0	0.0	2.035	0.0
132	5180	5181	SN	1	0.0	29.665	15.143	0.0	28.562	14.214	0.0	87.948	9.943	0.0	71.701	9.834	0.0	1.872	0.0	0.0	1.96	0.0	0.0	2.012	0.0	0.0	2.056	0.0
133	5180	5181	SN	1	0.0	29.665	15.143	0.0	28.562	14.214	0.0	87.948	9.964	0.0	71.739	9.834	0.0	1.872	0.0	0.0	1.96	0.0	0.0	2.012	0.0	0.0	2.056	0.0
134	5180	5181	SN	1	0.0	25.755	7.976	0.0	27.239	8.029	0.0	64.498	1.587	0.0	55.018	1.951	0.0	1.88	0.0	0.0	1.94	0.0	0.0	2.008	0.0	0.0	2.035	0.0
135	5180	5181	SN	1	0.0	25.755	7.976	0.0	27.239	8.031	0.0	64.498	1.587	0.0	55.051	1.95	0.0	1.88	0.0	0.0	1.94	0.0	0.0	2.008	0.0	0.0	2.035	0.0
136	5180	5181	SN	1	0.0	29.665	15.379	0.0	26.18	13.622	0.0	87.948	10.44	0.0	13.181	8.712	0.0	1.872	0.0	0.0	1.96	0.0	0.0	2.012	0.0	0.0	2.056	0.0
137	5180	5181	NS	1	0.0	27.046	11.123	0.0	26.996	10.315	0.0	354.375	5.639	0.0	152.71	5.516	0.0	1.926	0.0	0.0	1.915	0.0	0.0	2.082	0.0	0.0	2.072	0.0
138	5180	5181	NS	1	0.0	27.046	11.123	0.0	26.996	10.315	0.0	354.375	5.639	0.0	152.71	5.516	0.0	1.926	0.0	0.0	1.915	0.0	0.0	2.082	0.0	0.0	2.072	0.0
139	5181	5182	SN	1	0.0	25.75	7.958	0.0	27.239	8.057	0.0	74.149	1.597	0.0	196.017	1.937	0.0	1.879	0.0	0.0	1.942	0.0	0.0	2.006	0.0	0.0	2.046	0.0
140	5181	5182	SN	1	0.0	32.643	15.112	0.0	28.38	14.166	0.0	90.275	9.93	0.0	73.818	9.83	0.0	1.873	0.0	0.0	1.962	0.0	0.0	2.012	0.0	0.0	2.03	0.0
141	5181	5182	NS	1	0.0	27.04	11.12	0.0	26.996	10.31	0.0	147.672	5.644	0.0	137.875	5.527	0.0	1.93	0.0	0.0	1.916	0.0	0.0	2.082	0.0	0.0	2.072	0.0
142	5181	5182	NS	1	0.0	27.228	13.72	0.0	32.649	15.99	0.0	159.916	14.893	0.0	59.132	14.953	0.0	1.925	0.0	0.0	1.908	0.0	0.0	2.083	0.0	0.0	2.073	0.0

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

143	5181	5182	NS	1	0.0	27.222	13.718	0.0	32.649	16.0	0.0	159.861	14.907	0.0	59.159	14.953	0.0	1.925	0.0	0.0	1.908	0.0	0.0	2.083	0.0	0.0	2.074	0.0
144	5181	5182	NS	1	0.0	27.035	11.118	0.0	26.996	10.316	0.0	147.722	5.648	0.0	137.82	5.518	0.0	1.929	0.0	0.0	1.914	0.0	0.0	2.082	0.0	0.0	2.072	0.0
145	5182	5183	SN	1	0.0	25.744	7.976	0.0	27.228	8.036	0.0	68.772	1.586	0.0	64.41	1.926	0.0	1.879	0.0	0.0	1.942	0.0	0.0	2.006	0.0	0.0	2.047	0.0
146	5182	5183	NS	1	0.0	27.035	11.139	0.0	26.996	10.321	0.0	276.191	5.656	0.0	145.596	5.526	0.0	1.928	0.0	0.0	1.914	0.0	0.0	2.081	0.0	0.0	2.072	0.0
147	5182	5183	NS	1	0.0	27.239	13.776	0.0	32.561	16.136	0.0	355.775	14.97	0.0	147.962	14.977	0.0	1.929	0.0	0.0	1.907	0.0	0.0	2.081	0.0	0.0	2.073	0.0
148	5182	5183	SN	1	0.0	31.474	15.142	0.0	28.369	14.126	0.0	84.727	9.888	0.0	74.794	9.78	0.0	1.874	0.0	0.0	1.962	0.0	0.0	2.011	0.0	0.0	2.03	0.0
149	5183	5184	NS	1	0.0	27.04	11.119	0.0	26.99	10.332	0.0	354.601	5.655	0.0	139.849	5.526	0.0	1.928	0.0	0.0	1.914	0.0	0.0	2.079	0.0	0.0	2.072	0.0
150	5183	5184	NS	1	0.0	27.222	13.746	0.0	32.533	16.156	0.0	354.965	14.892	0.0	154.122	14.948	0.0	1.925	0.0	0.0	1.93	0.0	0.0	2.084	0.0	0.0	2.072	0.0

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