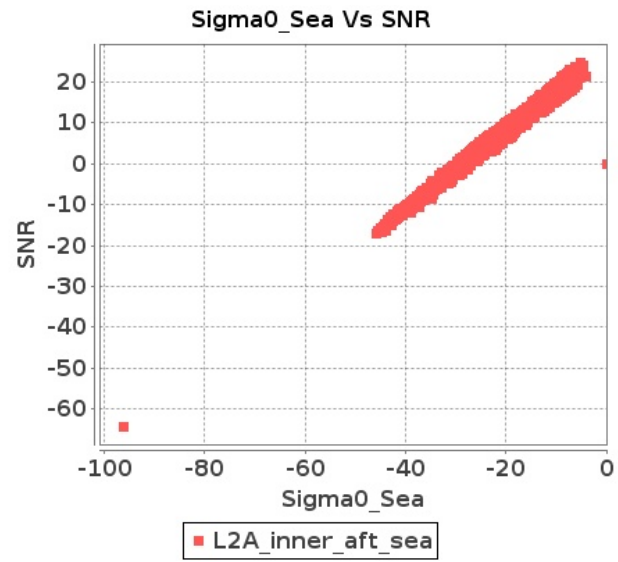


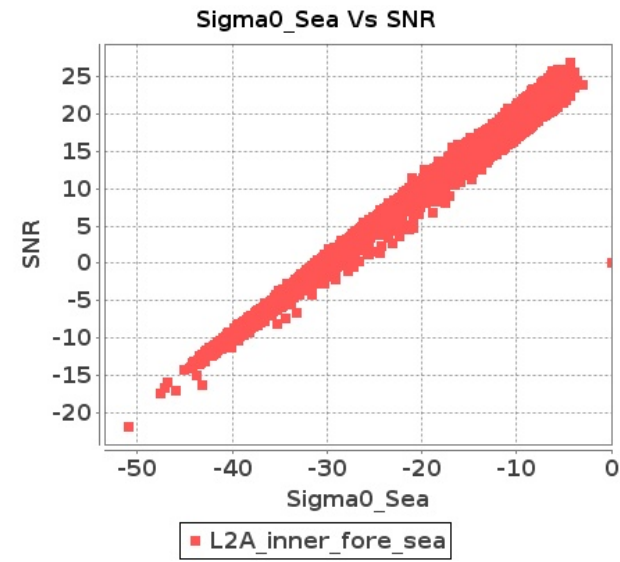
# SCATSAT-1 Scatterometer Level-2A Data Quality Cycle wise Report

Report between 18-SEP-2017 To 19-SEP-2017

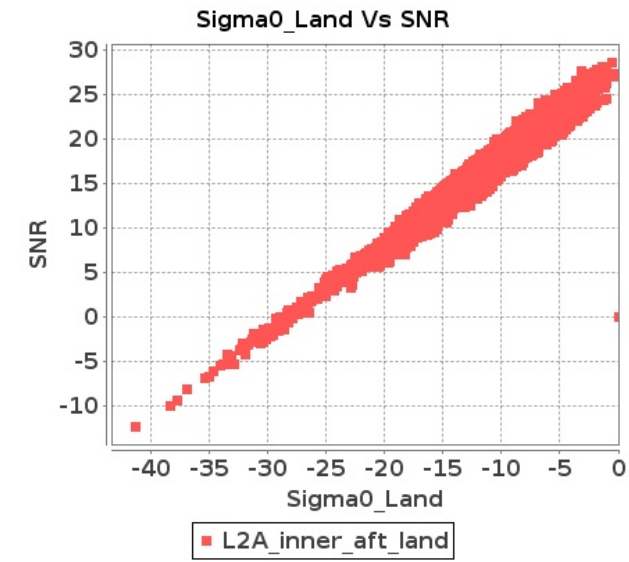
### Inner Sea Aft Sigma0VsSNR



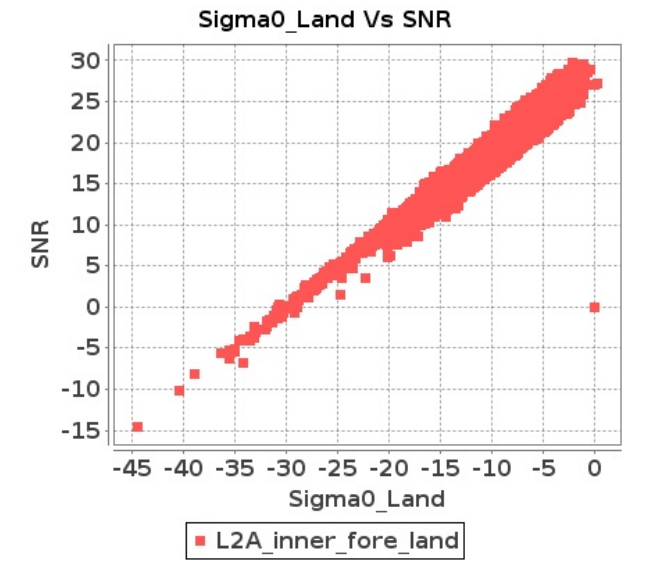
### Inner Sea Fore Sigma0VsSNR



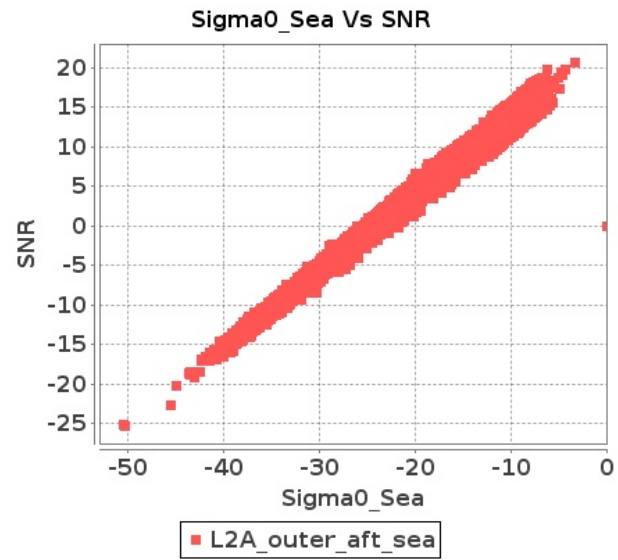
### Inner Land Aft Sigma0VsSNR



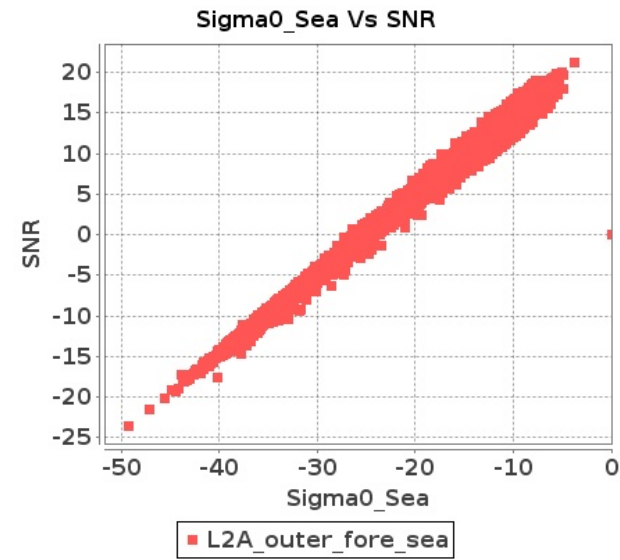
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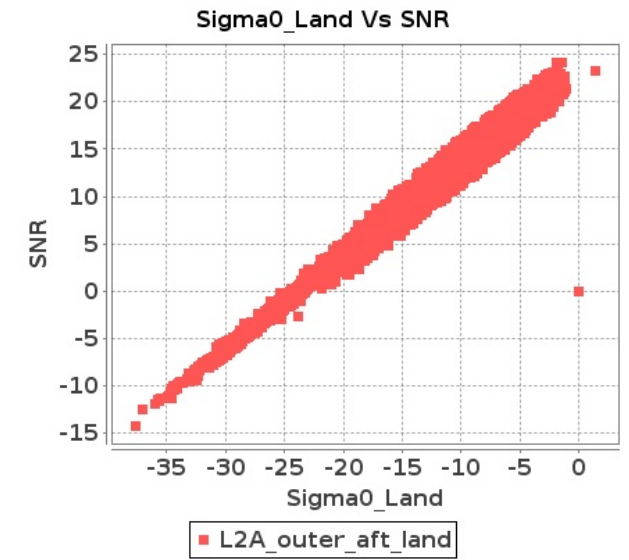
### Outer Sea Aft Sigma0VsSNR



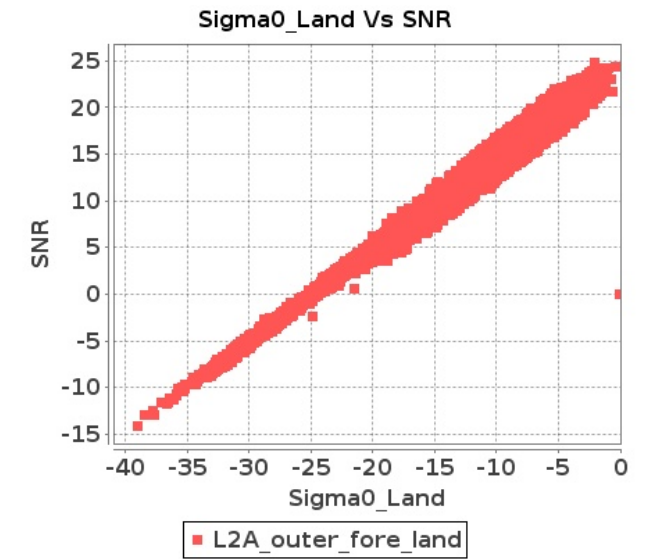
### Outer Sea Fore Sigma0VsSNR



### Outer Land Aft Sigma0VsSNR



### Outer Land Fore Sigma0VsSNR



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

Report between 18-SEP-2017 To 19-SEP-2017

Sr No	Start Orbit	End Orbit	Dir.	Ver.	SNR												Sigma0											
					Inner Aft			Inner Fore			Outer Aft			Outer Fore			Inner Aft			Inner Fore			Outer Aft			Outer Fore		
					Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)
1	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
2	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
3	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
4	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
5	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
6	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
7	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
8	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
9	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
10	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
11	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
12	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
13	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
14	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
15	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
16	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
17	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
18	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
19	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
20	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
21	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
22	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
23	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
24	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
25	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
26	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
27	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
28	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
29	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
30	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
31	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

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

32	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
33	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
34	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
35	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
36	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
37	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
38	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
39	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
40	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
41	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
42	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
43	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
44	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
45	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
46	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
47	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
48	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
49	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
50	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
51	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
52	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
53	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
54	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
55	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
56	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
57	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
58	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
59	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
60	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
61	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
62	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
63	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
64	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
65	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
66	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
67	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

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

68	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
69	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
70	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
71	5188	5189	NS	1	0.0	52.33	4.38	0.0	50.862	3.658	0.0	39.828	2.652	0.0	45.469	2.571	0.0	52.396	4.037	0.0	52.064	3.374	0.0	41.324	2.609	0.0	46.378	2.336
72	5188	5189	SN	1	0.0	51.718	10.135	0.0	55.197	9.499	0.0	53.865	6.516	0.0	45.814	6.314	0.0	56.143	10.063	0.0	53.235	9.238	0.0	51.001	6.589	0.0	45.61	6.351
73	5188	5189	SN	1	0.0	51.718	9.971	0.0	55.197	9.566	0.0	44.164	6.412	0.0	45.814	6.347	0.0	56.143	9.89	0.0	53.235	9.312	0.0	45.351	6.484	0.0	45.61	6.354
74	5188	5189	SN	1	0.0	51.718	9.981	0.0	55.197	9.566	0.0	44.164	6.412	0.0	45.814	6.347	0.0	56.143	9.9	0.0	53.235	9.312	0.0	45.351	6.484	0.0	45.61	6.354
75	5188	5189	NS	1	0.0	51.243	13.316	0.0	53.293	11.96	0.0	45.35	8.977	0.0	47.241	8.32	0.0	52.428	12.71	0.0	54.273	11.272	0.0	46.655	8.757	0.0	45.61	7.909
76	5188	5189	NS	1	0.0	51.243	13.316	0.0	53.293	11.96	0.0	45.35	8.977	0.0	47.241	8.32	0.0	52.428	12.71	0.0	54.273	11.272	0.0	46.655	8.757	0.0	45.61	7.909
77	5188	5189	SN	1	0.0	44.451	3.169	0.0	53.576	2.886	0.0	46.56	1.863	0.0	42.572	1.715	0.0	44.642	3.002	0.0	51.003	2.793	0.0	43.524	1.81	0.0	39.973	1.66
78	5188	5189	SN	1	0.0	44.451	3.114	0.0	53.576	2.871	0.0	46.56	1.841	0.0	42.572	1.72	0.0	44.642	2.953	0.0	51.003	2.772	0.0	43.524	1.784	0.0	39.973	1.659
79	5188	5189	SN	1	0.0	44.451	3.116	0.0	53.576	2.871	0.0	46.56	1.839	0.0	42.572	1.72	0.0	44.642	2.956	0.0	51.003	2.769	0.0	43.524	1.784	0.0	39.973	1.659
80	5188	5189	NS	1	0.0	52.33	4.38	0.0	50.862	3.658	0.0	39.828	2.652	0.0	45.469	2.571	0.0	52.396	4.037	0.0	52.064	3.374	0.0	41.324	2.609	0.0	46.378	2.336
81	5189	5190	SN	1	0.0	44.547	1.696	0.0	43.732	1.672	0.0	37.734	1.23	0.0	40.16	1.267	0.0	47.749	1.664	0.0	41.929	1.722	0.0	35.738	1.185	0.0	36.887	1.209
82	5189	5190	SN	1	0.0	43.751	1.722	0.0	42.351	1.683	0.0	36.777	1.234	0.0	37.648	1.26	0.0	46.954	1.669	0.0	40.05	1.731	0.0	35.305	1.203	0.0	36.952	1.235
83	5189	5190	SN	1	0.0	48.2	5.686	0.0	52.59	5.853	0.0	41.031	4.016	0.0	39.594	3.993	0.0	49.409	5.737	0.0	52.015	5.73	0.0	41.814	3.886	0.0	40.931	4.0
84	5189	5190	SN	1	0.0	47.403	5.737	0.0	52.425	5.763	0.0	41.059	3.973	0.0	44.105	3.921	0.0	48.613	5.788	0.0	51.813	5.701	0.0	41.841	3.836	0.0	40.754	3.921
85	5189	5190	NS	1	0.0	42.006	2.168	0.0	51.241	1.738	0.0	39.427	1.503	0.0	41.747	1.399	0.0	41.363	1.837	0.0	54.344	1.476	0.0	37.839	1.318	0.0	41.746	1.243
86	5189	5190	NS	1	0.0	42.267	2.159	0.0	50.726	1.72	0.0	44.589	1.475	0.0	45.104	1.386	0.0	41.388	1.846	0.0	53.828	1.479	0.0	46.479	1.288	0.0	45.103	1.224
87	5189	5190	NS	1	0.0	52.004	6.923	0.0	53.562	5.676	0.0	42.513	4.565	0.0	51.096	4.284	0.0	52.248	6.186	0.0	53.722	5.13	0.0	45.322	4.175	0.0	51.702	3.957
88	5189	5190	NS	1	0.0	51.704	6.944	0.0	53.443	5.635	0.0	44.323	4.615	0.0	49.41	4.241	0.0	52.795	6.115	0.0	53.603	5.099	0.0	46.691	4.211	0.0	50.088	3.936
89	5189	5190	SN	1	0.0	48.2	5.706	0.0	52.59	5.794	0.0	41.031	4.005	0.0	39.594	3.952	0.0	49.409	5.736	0.0	52.015	5.672	0.0	41.814	3.884	0.0	40.931	3.959
90	5189	5190	SN	1	0.0	44.547	1.693	0.0	43.732	1.653	0.0	37.734	1.232	0.0	40.16	1.252	0.0	47.749	1.664	0.0	41.929	1.703	0.0	35.738	1.186	0.0	36.887	1.195
91	5190	5191	SN	1	0.0	45.72	2.043	0.0	41.891	1.637	0.0	38.143	1.584	0.0	40.852	1.561	0.0	47.733	1.727	0.0	40.846	1.419	0.0	35.298	1.393	0.0	40.46	1.342
92	5190	5191	NS	1	0.0	43.202	3.912	0.0	44.739	3.025	0.0	38.267	3.013	0.0	48.502	3.206	0.0	43.557	3.043	0.0	44.252	2.428	0.0	35.077	2.687	0.0	44.893	2.887
93	5190	5191	SN	1	0.0	45.72	2.019	0.0	41.891	1.614	0.0	38.143	1.588	0.0	40.852	1.539	0.0	47.733	1.707	0.0	40.846	1.397	0.0	35.298	1.389	0.0	40.46	1.324
94	5190	5191	NS	1	0.0	45.483	1.59	0.0	42.982	1.163	0.0	41.848	0.886	0.0	41.655	1.077	0.0	46.906	1.25	0.0	40.743	1.048	0.0	37.182	0.801	0.0	37.478	0.898
95	5190	5191	SN	1	0.0	43.526	6.108	0.0	48.273	4.899	0.0	41.701	4.424	0.0	42.994	4.615	0.0	44.633	5.453	0.0	46.498	4.27	0.0	40.833	4.026	0.0	41.785	4.13
96	5190	5191	SN	1	0.0	43.526	6.184	0.0	48.273	4.954	0.0	41.701	4.389	0.0	42.994	4.68	0.0	44.633	5.509	0.0	46.498	4.336	0.0	40.833	4.021	0.0	41.785	4.187
97	5190	5191	SN	1	0.0	45.72	2.019	0.0	41.891	1.614	0.0	38.143	1.588	0.0	40.852	1.539	0.0	47.733	1.707	0.0	40.846	1.397	0.0	35.298	1.389	0.0	40.46	1.324
98	5190	5191	SN	1	0.0	43.526	6.108	0.0	48.273	4.899	0.0	41.701	4.424	0.0	42.994	4.615	0.0	44.633	5.453	0.0	46.498	4.27	0.0	40.833	4.026	0.0	41.785	4.13
99	5191	5192	NS	1	0.0	49.546	1.961	0.0	55.573	1.796	0.0	39.029	1.073	0.0	41.272	1.064	0.0	47.809	1.722	0.0	51.944	1.586	0.0	39.199	0.916	0.0	38.222	0.901
100	5191	5192	NS	1	0.0	44.334	1.986	0.0	47.283	1.855	0.0	40.915	1.137	0.0	42.928	1.131	0.0	46.644	1.714	0.0	48.629	1.591	0.0	37.719	1.007	0.0	40.995	1.004
101	5191	5192	SN	1	0.0	49.662	6.612	0.0	41.706	5.699	0.0	42.968	4.51	0.0	38.273	4.578	0.0	47.294	5.766	0.0	42.002	5.014	0.0	40.95	4.284	0.0	40.435	4.06
102	5191	5192	NS	1	0.0	54.894	6.713	0.0	52.412	6.451	0.0	44.671	4.076	0.0	49.855	4.387	0.0	53.1	6.076	0.0	54.849	5.589	0.0	41.68	3.828	0.0	46.393	3.726
103	5191	5192	SN	1	0.0	42.92	2.042	0.0	40.476	1.684	0.0	40.437	1.51	0.0	40.64	1.486	0.0	41.769	1.75	0.0	38.832	1.462	0.0	39.691	1.282	0.0	41.961	1.307

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

104	5191	5192	NS	1	0.0	48.562	6.609	0.0	53.653	6.19	0.0	46.744	4.024	0.0	43.772	4.162	0.0	48.44	6.093	0.0	55.041	5.502	0.0	43.696	3.677	0.0	46.147	3.56
105	5191	5192	SN	1	0.0	49.662	6.532	0.0	41.706	5.589	0.0	43.714	4.417	0.0	38.273	4.53	0.0	47.294	5.645	0.0	42.002	4.91	0.0	41.452	4.154	0.0	40.435	3.995
106	5191	5192	SN	1	0.0	42.892	2.055	0.0	40.476	1.717	0.0	40.437	1.533	0.0	40.64	1.508	0.0	41.605	1.773	0.0	38.832	1.492	0.0	39.691	1.299	0.0	41.961	1.327
107	5191	5192	SN	1	0.0	49.662	6.522	0.0	41.706	5.579	0.0	43.714	4.41	0.0	38.273	4.53	0.0	47.294	5.645	0.0	42.002	4.91	0.0	41.452	4.14	0.0	40.435	3.995
108	5191	5192	SN	1	0.0	42.92	2.042	0.0	40.476	1.684	0.0	40.437	1.51	0.0	40.64	1.486	0.0	41.769	1.752	0.0	38.832	1.462	0.0	39.691	1.284	0.0	41.961	1.307
109	5192	5193	NS	1	0.0	54.25	6.008	0.0	52.504	5.694	0.0	48.15	4.234	0.0	48.302	4.481	0.0	54.308	5.583	0.0	51.952	5.441	0.0	52.731	4.028	0.0	45.696	4.056
110	5192	5193	SN	1	0.0	48.919	10.437	0.0	46.517	9.209	0.0	40.183	6.656	0.0	47.115	6.673	0.0	48.92	9.934	0.0	46.563	9.067	0.0	40.071	6.585	0.0	48.213	6.444
111	5192	5193	SN	1	0.0	48.919	10.437	0.0	46.517	9.209	0.0	40.183	6.656	0.0	47.115	6.673	0.0	48.92	9.934	0.0	46.563	9.067	0.0	40.071	6.585	0.0	48.213	6.444
112	5192	5193	NS	1	0.0	54.957	6.018	0.0	52.796	5.775	0.0	44.241	4.22	0.0	48.028	4.481	0.0	55.015	5.624	0.0	51.515	5.411	0.0	46.718	4.021	0.0	48.909	4.013
113	5192	5193	SN	1	0.0	42.058	3.354	0.0	40.898	2.988	0.0	39.438	2.308	0.0	40.075	2.228	0.0	43.312	3.275	0.0	42.047	2.908	0.0	38.139	2.244	0.0	39.99	2.102
114	5192	5193	SN	1	0.0	42.058	3.354	0.0	40.898	2.988	0.0	39.438	2.308	0.0	40.075	2.228	0.0	43.312	3.275	0.0	42.047	2.908	0.0	38.139	2.244	0.0	39.99	2.102
115	5192	5193	NS	1	0.0	46.859	2.079	0.0	52.422	1.927	0.0	40.292	1.227	0.0	44.914	1.345	0.0	47.278	1.91	0.0	54.561	1.773	0.0	39.122	1.156	0.0	41.542	1.163
116	5192	5193	NS	1	0.0	45.688	2.075	0.0	58.272	1.911	0.0	42.55	1.182	0.0	45.615	1.383	0.0	44.725	1.894	0.0	57.479	1.769	0.0	42.411	1.14	0.0	42.244	1.16
117	5193	5194	SN	1	0.0	48.749	9.715	0.0	51.345	8.098	0.0	46.905	5.945	0.0	45.477	5.545	0.0	48.216	8.909	0.0	54.119	7.215	0.0	46.72	5.881	0.0	43.843	5.131
118	5193	5194	SN	1	0.0	48.749	9.716	0.0	51.345	8.098	0.0	46.905	5.952	0.0	45.477	5.545	0.0	48.216	8.909	0.0	54.119	7.215	0.0	46.72	5.881	0.0	43.843	5.131
119	5193	5194	NS	1	0.0	48.126	4.764	0.0	49.318	4.369	0.0	48.817	4.113	0.0	43.593	4.517	0.0	46.263	3.924	0.0	48.317	3.701	0.0	47.271	3.581	0.0	43.739	3.779
120	5193	5194	SN	1	0.0	45.273	2.904	0.0	43.857	2.406	0.0	37.912	2.045	0.0	42.224	1.848	0.0	48.44	2.671	0.0	43.98	2.032	0.0	38.848	1.82	0.0	41.596	1.668
121	5193	5194	SN	1	0.0	45.273	2.947	0.0	43.857	2.441	0.0	37.912	2.078	0.0	42.224	1.875	0.0	48.44	2.713	0.0	43.98	2.061	0.0	38.848	1.85	0.0	41.596	1.69
122	5193	5194	SN	1	0.0	48.749	9.849	0.0	51.345	8.213	0.0	46.905	6.016	0.0	45.477	5.61	0.0	48.216	9.01	0.0	54.119	7.317	0.0	46.72	5.951	0.0	43.843	5.197
123	5193	5194	SN	1	0.0	45.273	2.904	0.0	43.857	2.406	0.0	37.912	2.045	0.0	42.224	1.848	0.0	48.44	2.671	0.0	43.98	2.032	0.0	38.848	1.82	0.0	41.596	1.668
124	5193	5194	NS	1	0.0	43.621	1.671	0.0	49.153	1.49	0.0	43.166	1.32	0.0	42.375	1.379	0.0	43.867	1.309	0.0	49.465	1.233	0.0	42.932	1.134	0.0	40.952	1.092
125	5193	5194	NS	1	0.0	45.103	1.68	0.0	49.424	1.48	0.0	40.366	1.343	0.0	49.407	1.391	0.0	40.888	1.318	0.0	49.736	1.224	0.0	39.766	1.15	0.0	45.404	1.115
126	5193	5194	NS	1	0.0	51.51	4.744	0.0	55.825	4.43	0.0	49.205	4.149	0.0	45.193	4.616	0.0	51.431	3.833	0.0	56.902	3.742	0.0	48.498	3.496	0.0	46.053	3.914
127	5194	5195	NS	1	0.0	50.055	7.905	0.0	45.012	6.819	0.0	47.386	6.311	0.0	43.989	6.49	0.0	51.548	7.026	0.0	45.406	6.212	0.0	49.265	5.907	0.0	43.738	6.015
128	5194	5195	SN	1	0.0	51.954	9.822	0.0	54.026	9.457	0.0	48.256	6.172	0.0	46.735	6.083	0.0	50.483	9.379	0.0	56.264	9.031	0.0	46.988	5.795	0.0	45.469	5.534
129	5194	5195	SN	1	0.0	51.954	9.78	0.0	54.026	9.813	0.0	48.256	6.273	0.0	46.735	6.236	0.0	50.483	9.389	0.0	56.264	9.367	0.0	46.988	5.915	0.0	45.469	5.69
130	5194	5195	SN	1	0.0	50.902	2.933	0.0	49.722	2.782	0.0	40.881	1.751	0.0	40.957	1.728	0.0	48.302	2.682	0.0	48.847	2.599	0.0	44.285	1.617	0.0	39.798	1.598
131	5194	5195	SN	1	0.0	54.926	9.903	0.0	53.829	9.328	0.0	45.873	6.172	0.0	48.84	6.033	0.0	54.104	9.45	0.0	56.043	8.851	0.0	45.631	5.717	0.0	46.728	5.498
132	5194	5195	NS	1	0.0	49.072	2.54	0.0	45.828	2.421	0.0	42.366	2.091	0.0	41.763	2.307	0.0	45.505	2.243	0.0	43.547	2.211	0.0	43.888	1.909	0.0	43.56	2.06
133	5194	5195	NS	1	0.0	46.54	8.047	0.0	48.203	6.869	0.0	44.606	6.36	0.0	47.327	6.455	0.0	47.234	7.198	0.0	45.022	6.211	0.0	46.514	5.97	0.0	47.93	5.887
134	5194	5195	SN	1	0.0	48.618	2.89	0.0	51.411	2.727	0.0	46.687	1.72	0.0	41.758	1.616	0.0	48.21	2.659	0.0	50.535	2.499	0.0	43.968	1.558	0.0	41.725	1.478
135	5194	5195	SN	1	0.0	50.902	2.903	0.0	49.722	2.669	0.0	40.881	1.725	0.0	40.957	1.689	0.0	48.302	2.648	0.0	48.847	2.487	0.0	44.285	1.59	0.0	39.798	1.563
136	5194	5195	NS	1	0.0	49.838	2.545	0.0	43.256	2.437	0.0	46.421	2.056	0.0	41.375	2.226	0.0	50.451	2.209	0.0	42.243	2.218	0.0	41.555	1.868	0.0	42.958	1.914
137	5195	5196	SN	1	0.0	49.499	5.731	0.0	55.421	6.29	0.0	39.571	4.669	0.0	48.225	4.647	0.0	47.856	5.212	0.0	51.928	5.546	0.0	40.398	4.254	0.0	47.412	4.208
138	5195	5196	NS	1	0.0	44.69	5.813	0.0	42.496	5.837	0.0	44.778	4.985	0.0	46.398	5.284	0.0	44.631	5.024	0.0	43.367	5.341	0.0	45.132	4.545	0.0	45.919	4.788
139	5195	5196	NS	1	0.0	45.002	5.812	0.0	46.15	6.029	0.0	46.218	4.828	0.0	53.181	5.313	0.0	43.752	4.953	0.0	47.784	5.291	0.0	42.676	4.566	0.0	48.496	4.901

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

140	5195	5196	SN	1	0.0	52.876	1.977	0.0	54.532	1.978	0.0	37.397	1.34	0.0	49.014	1.448	0.0	53.295	1.762	0.0	51.781	1.743	0.0	34.908	1.262	0.0	47.428	1.225
141	5195	5196	SN	1	0.0	52.876	1.977	0.0	54.532	1.978	0.0	37.397	1.34	0.0	49.014	1.448	0.0	53.295	1.762	0.0	51.781	1.743	0.0	34.908	1.262	0.0	47.428	1.225
142	5195	5196	SN	1	0.0	49.499	6.277	0.0	55.421	6.462	0.0	39.571	4.8	0.0	48.225	4.735	0.0	49.037	5.663	0.0	51.928	5.773	0.0	40.398	4.402	0.0	47.412	4.258
143	5195	5196	SN	1	0.0	49.499	6.277	0.0	55.421	6.462	0.0	39.571	4.8	0.0	48.225	4.735	0.0	49.037	5.663	0.0	51.928	5.773	0.0	40.398	4.402	0.0	47.412	4.258
144	5195	5196	NS	1	0.0	41.327	1.914	0.0	45.992	1.896	0.0	39.558	1.661	0.0	40.753	1.773	0.0	43.445	1.585	0.0	47.784	1.708	0.0	37.18	1.543	0.0	37.023	1.665
145	5195	5196	NS	1	0.0	45.81	1.891	0.0	44.968	1.9	0.0	44.73	1.621	0.0	38.523	1.801	0.0	44.618	1.583	0.0	49.155	1.7	0.0	44.251	1.523	0.0	40.24	1.638
146	5195	5196	SN	1	0.0	52.876	1.904	0.0	54.532	1.977	0.0	37.397	1.318	0.0	49.014	1.42	0.0	53.295	1.708	0.0	51.781	1.721	0.0	34.908	1.234	0.0	47.428	1.207
147	5196	5197	SN	1	0.0	40.726	1.672	0.0	45.377	1.458	0.0	36.817	1.258	0.0	37.297	1.366	0.0	39.479	1.532	0.0	44.1	1.297	0.0	38.084	1.15	0.0	35.381	1.181
148	5196	5197	NS	1	0.0	52.958	10.554	0.0	54.058	8.69	0.0	47.18	7.388	0.0	45.681	6.994	0.0	52.566	9.695	0.0	53.915	7.962	0.0	48.157	6.864	0.0	47.094	6.249
149	5196	5197	NS	1	0.0	52.499	3.373	0.0	51.894	2.707	0.0	44.199	2.222	0.0	44.742	2.164	0.0	54.444	2.999	0.0	51.354	2.421	0.0	41.793	1.98	0.0	43.162	1.852
150	5196	5197	SN	1	0.0	43.452	5.492	0.0	42.952	4.932	0.0	42.818	3.982	0.0	49.117	4.008	0.0	43.553	5.211	0.0	40.623	4.659	0.0	42.537	3.541	0.0	47.071	3.558
151	5196	5197	NS	1	0.0	52.958	10.554	0.0	54.058	8.69	0.0	47.18	7.388	0.0	45.681	6.994	0.0	52.566	9.695	0.0	53.915	7.962	0.0	48.157	6.864	0.0	47.094	6.249
152	5196	5197	SN	1	0.0	43.452	5.492	0.0	42.952	4.932	0.0	42.818	3.982	0.0	49.117	4.008	0.0	43.553	5.211	0.0	40.623	4.659	0.0	42.537	3.541	0.0	47.071	3.558
153	5196	5197	NS	1	0.0	52.499	3.373	0.0	51.894	2.707	0.0	44.199	2.222	0.0	44.742	2.164	0.0	54.444	2.999	0.0	51.354	2.421	0.0	41.793	1.98	0.0	43.162	1.852
154	5196	5197	SN	1	0.0	40.726	1.672	0.0	45.377	1.458	0.0	36.817	1.258	0.0	37.297	1.366	0.0	39.479	1.532	0.0	44.1	1.297	0.0	38.084	1.15	0.0	35.381	1.181
155	5197	5198	NS	1	0.0	56.413	7.316	0.0	54.212	6.406	0.0	44.39	5.111	0.0	44.639	5.023	0.0	57.127	6.397	0.0	52.32	5.718	0.0	42.88	4.841	0.0	43.573	4.668
156	5197	5198	NS	1	0.0	47.244	2.361	0.0	49.495	2.084	0.0	41.19	1.526	0.0	42.49	1.472	0.0	45.377	1.979	0.0	50.274	1.858	0.0	39.473	1.351	0.0	41.063	1.3
157	5197	5198	NS	1	0.0	56.413	7.316	0.0	54.212	6.406	0.0	44.39	5.111	0.0	44.639	5.023	0.0	57.127	6.397	0.0	52.32	5.718	0.0	42.88	4.841	0.0	43.573	4.668
158	5197	5198	NS	1	0.0	47.244	2.361	0.0	49.495	2.084	0.0	41.19	1.526	0.0	42.49	1.472	0.0	45.377	1.979	0.0	50.274	1.858	0.0	39.473	1.351	0.0	41.063	1.3

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	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
2	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
3	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
4	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
5	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
6	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
7	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
8	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
9	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
10	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
11	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
12	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
13	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
14	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
15	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
16	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
17	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
18	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
19	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
20	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
21	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
22	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
23	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
24	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
25	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
26	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
27	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
28	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
29	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
30	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
31	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

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

32	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
33	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
34	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
35	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
36	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
37	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
38	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
39	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
40	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
41	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
42	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
43	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
44	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
45	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
46	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
47	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
48	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
49	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
50	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
51	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
52	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
53	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
54	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
55	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
56	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
57	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
58	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
59	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
60	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
61	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
62	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
63	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
64	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
65	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
66	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
67	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
68	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

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



69	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
70	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
71	5188	5189	NS	1	0.0	27.046	11.121	0.0	27.001	10.429	0.0	355.776	5.693	0.0	130.468	5.653	0.0	1.931	0.0	0.0	1.914	0.0	0.0	2.08	0.0	0.0	2.072	0.0
72	5188	5189	SN	1	0.0	30.901	15.131	0.0	28.623	13.785	0.0	82.51	9.931	0.0	96.876	9.322	0.0	1.869	0.0	0.0	1.965	0.0	0.0	2.01	0.0	0.0	2.03	0.0
73	5188	5189	SN	1	0.0	30.901	15.087	0.0	28.623	14.11	0.0	82.51	9.807	0.0	96.876	9.805	0.0	1.869	0.0	0.0	1.965	0.0	0.0	2.01	0.0	0.0	2.03	0.0
74	5188	5189	SN	1	0.0	30.901	15.077	0.0	28.623	14.11	0.0	82.51	9.807	0.0	96.876	9.805	0.0	1.869	0.0	0.0	1.965	0.0	0.0	2.01	0.0	0.0	2.03	0.0
75	5188	5189	NS	1	0.0	27.228	13.792	0.0	31.342	16.088	0.0	354.336	14.841	0.0	153.289	14.945	0.0	1.921	0.0	0.0	1.924	0.0	0.0	2.083	0.0	0.0	2.071	0.0
76	5188	5189	NS	1	0.0	27.228	13.792	0.0	31.342	16.088	0.0	354.336	14.841	0.0	153.289	14.945	0.0	1.921	0.0	0.0	1.924	0.0	0.0	2.083	0.0	0.0	2.071	0.0
77	5188	5189	SN	1	0.0	25.727	8.047	0.0	27.233	8.053	0.0	67.548	1.529	0.0	74.538	1.778	0.0	1.875	0.0	0.0	1.941	0.0	0.0	2.006	0.0	0.0	2.038	0.0
78	5188	5189	SN	1	0.0	25.727	8.062	0.0	27.233	8.118	0.0	67.548	1.515	0.0	74.538	1.937	0.0	1.875	0.0	0.0	1.941	0.0	0.0	2.006	0.0	0.0	2.038	0.0
79	5188	5189	SN	1	0.0	25.727	8.062	0.0	27.233	8.118	0.0	67.548	1.515	0.0	74.538	1.937	0.0	1.875	0.0	0.0	1.941	0.0	0.0	2.006	0.0	0.0	2.038	0.0
80	5188	5189	NS	1	0.0	27.046	11.121	0.0	27.001	10.429	0.0	355.776	5.693	0.0	130.468	5.653	0.0	1.931	0.0	0.0	1.914	0.0	0.0	2.08	0.0	0.0	2.072	0.0
81	5189	5190	SN	1	0.0	25.744	8.054	0.0	27.233	8.062	0.0	73.609	1.539	0.0	14.151	1.843	0.0	1.876	0.0	0.0	1.944	0.0	0.0	2.005	0.0	0.0	2.049	0.0
82	5189	5190	SN	1	0.0	25.744	8.041	0.0	27.233	8.057	0.0	73.581	1.55	0.0	14.146	1.837	0.0	1.875	0.0	0.0	1.944	0.0	0.0	2.005	0.0	0.0	2.05	0.0
83	5189	5190	SN	1	0.0	32.649	15.123	0.0	28.623	13.901	0.0	89.95	9.903	0.0	22.236	9.665	0.0	1.873	0.0	0.0	1.965	0.0	0.0	2.01	0.0	0.0	2.039	0.0
84	5189	5190	SN	1	0.0	32.649	15.113	0.0	28.623	13.884	0.0	89.917	9.903	0.0	22.242	9.629	0.0	1.872	0.0	0.0	1.965	0.0	0.0	2.01	0.0	0.0	2.036	0.0
85	5189	5190	NS	1	0.0	27.051	11.111	0.0	27.001	10.357	0.0	145.748	5.683	0.0	146.098	5.615	0.0	1.931	0.0	0.0	1.913	0.0	0.0	2.082	0.0	0.0	2.071	0.0
86	5189	5190	NS	1	0.0	27.051	11.113	0.0	27.001	10.359	0.0	145.72	5.685	0.0	146.065	5.616	0.0	1.931	0.0	0.0	1.913	0.0	0.0	2.082	0.0	0.0	2.071	0.0
87	5189	5190	NS	1	0.0	27.222	13.705	0.0	32.698	16.026	0.0	158.151	14.766	0.0	148.458	15.05	0.0	1.923	0.0	0.0	1.916	0.0	0.0	2.083	0.0	0.0	2.072	0.0
88	5189	5190	NS	1	0.0	27.222	13.705	0.0	32.698	16.026	0.0	158.168	14.78	0.0	148.486	15.071	0.0	1.923	0.0	0.0	1.917	0.0	0.0	2.083	0.0	0.0	2.072	0.0
89	5189	5190	SN	1	0.0	32.649	15.092	0.0	28.623	14.033	0.0	89.95	9.858	0.0	73.995	9.872	0.0	1.873	0.0	0.0	1.965	0.0	0.0	2.01	0.0	0.0	2.039	0.0
90	5189	5190	SN	1	0.0	25.744	8.055	0.0	27.233	8.092	0.0	73.609	1.534	0.0	63.445	1.948	0.0	1.876	0.0	0.0	1.944	0.0	0.0	2.005	0.0	0.0	2.049	0.0
91	5190	5191	SN	1	0.0	25.744	8.04	0.0	27.233	8.038	0.0	137.974	1.551	0.0	13.567	1.845	0.0	1.877	0.0	0.0	1.944	0.0	0.0	2.005	0.0	0.0	2.049	0.0
92	5190	5191	NS	1	0.0	27.239	13.737	0.0	32.721	15.974	0.0	150.755	14.851	0.0	149.721	15.0	0.0	1.922	0.0	0.0	1.906	0.0	0.0	2.083	0.0	0.0	2.072	0.0
93	5190	5191	SN	1	0.0	25.744	8.046	0.0	27.233	8.077	0.0	137.974	1.549	0.0	66.086	1.975	0.0	1.877	0.0	0.0	1.944	0.0	0.0	2.005	0.0	0.0	2.049	0.0
94	5190	5191	NS	1	0.0	27.051	11.121	0.0	26.99	10.334	0.0	144.612	5.662	0.0	139.596	5.615	0.0	1.928	0.0	0.0	1.916	0.0	0.0	2.082	0.0	0.0	2.071	0.0
95	5190	5191	SN	1	0.0	32.665	15.078	0.0	28.628	14.006	0.0	90.485	9.844	0.0	59.932	9.858	0.0	1.872	0.0	0.0	1.966	0.0	0.0	2.012	0.0	0.0	2.036	0.0
96	5190	5191	SN	1	0.0	32.665	15.096	0.0	28.628	13.79	0.0	90.485	9.904	0.0	19.451	9.556	0.0	1.872	0.0	0.0	1.966	0.0	0.0	2.012	0.0	0.0	2.036	0.0
97	5190	5191	SN	1	0.0	25.744	8.046	0.0	27.233	8.077	0.0	137.974	1.549	0.0	66.086	1.975	0.0	1.877	0.0	0.0	1.944	0.0	0.0	2.005	0.0	0.0	2.049	0.0
98	5190	5191	SN	1	0.0	32.665	15.078	0.0	28.628	14.006	0.0	90.485	9.844	0.0	59.932	9.858	0.0	1.872	0.0	0.0	1.966	0.0	0.0	2.012	0.0	0.0	2.036	0.0
99	5191	5192	NS	1	0.0	31.135	11.133	0.0	26.996	10.336	0.0	352.919	5.648	0.0	137.765	5.578	0.0	1.929	0.0	0.0	1.912	0.0	0.0	2.082	0.0	0.0	2.07	0.0
100	5191	5192	NS	1	0.0	231.142	11.139	0.0	26.996	10.332	0.0	351.992	5.652	0.0	137.765	5.597	0.0	1.928	0.0	0.0	1.913	0.0	0.0	2.083	0.0	0.0	2.07	0.0
101	5191	5192	SN	1	0.0	32.726	15.111	0.0	28.628	13.713	0.0	82.736	10.084	0.0	16.926	9.405	0.0	1.873	0.0	0.0	1.966	0.0	0.0	2.011	0.0	0.0	2.036	0.0
102	5191	5192	NS	1	0.0	43.136	13.76	0.0	32.715	15.955	0.0	171.155	14.801	0.0	74.805	15.017	0.0	1.924	0.0	0.0	1.919	0.0	0.0	2.083	0.0	0.0	2.072	0.0
103	5191	5192	SN	1	0.0	25.755	8.06	0.0	27.25	8.066	0.0	135.244	1.547	0.0	41.158	1.974	0.0	1.878	0.0	0.0	1.945	0.0	0.0	2.006	0.0	0.0	2.049	0.0
104	5191	5192	NS	1	0.0	232.355	13.743	0.0	32.577	16.061	0.0	156.149	14.878	0.0	146.909	14.968	0.0	1.924	0.0	0.0	1.923	0.0	0.0	2.083	0.0	0.0	2.072	0.0
105	5191	5192	SN	1	0.0	32.726	15.059	0.0	28.628	14.019	0.0	82.736	9.959	0.0	61.001	9.887	0.0	1.873	0.0	0.0	1.966	0.0	0.0	2.011	0.0	0.0	2.036	0.0

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

106	5191	5192	SN	1	0.0	25.755	8.051	0.0	27.25	8.017	0.0	135.244	1.562	0.0	12.938	1.819	0.0	1.878	0.0	0.0	1.945	0.0	0.0	2.006	0.0	0.0	2.049	0.0
107	5191	5192	SN	1	0.0	32.726	15.059	0.0	28.628	14.019	0.0	82.736	9.959	0.0	60.979	9.887	0.0	1.873	0.0	0.0	1.966	0.0	0.0	2.011	0.0	0.0	2.036	0.0
108	5191	5192	SN	1	0.0	25.755	8.06	0.0	27.25	8.066	0.0	135.244	1.547	0.0	41.131	1.972	0.0	1.878	0.0	0.0	1.945	0.0	0.0	2.006	0.0	0.0	2.049	0.0
109	5192	5193	NS	1	0.0	27.228	13.715	0.0	32.538	16.061	0.0	353.222	14.871	0.0	153.383	15.004	0.0	1.93	0.0	0.0	1.924	0.0	0.0	2.083	0.0	0.0	2.069	0.0
110	5192	5193	SN	1	0.0	32.086	15.082	0.0	28.628	14.016	0.0	152.231	9.984	0.0	72.826	9.877	0.0	1.859	0.0	0.0	1.966	0.0	0.0	2.011	0.0	0.0	2.058	0.0
111	5192	5193	SN	1	0.0	32.086	15.082	0.0	28.628	14.016	0.0	152.231	9.984	0.0	72.826	9.877	0.0	1.859	0.0	0.0	1.966	0.0	0.0	2.011	0.0	0.0	2.058	0.0
112	5192	5193	NS	1	0.0	27.228	13.705	0.0	32.538	16.041	0.0	353.222	14.9	0.0	153.466	15.004	0.0	1.93	0.0	0.0	1.927	0.0	0.0	2.083	0.0	0.0	2.07	0.0
113	5192	5193	SN	1	0.0	25.755	8.032	0.0	45.67	8.093	0.0	152.231	1.538	0.0	86.663	1.965	0.0	1.876	0.0	0.0	1.944	0.0	0.0	2.006	0.0	0.0	2.059	0.0
114	5192	5193	SN	1	0.0	25.755	8.032	0.0	45.67	8.093	0.0	152.231	1.538	0.0	86.663	1.965	0.0	1.876	0.0	0.0	1.944	0.0	0.0	2.006	0.0	0.0	2.059	0.0
115	5192	5193	NS	1	0.0	27.046	11.11	0.0	26.996	10.357	0.0	315.742	5.637	0.0	146.329	5.596	0.0	1.93	0.0	0.0	1.915	0.0	0.0	2.083	0.0	0.0	2.072	0.0
116	5192	5193	NS	1	0.0	27.046	11.106	0.0	26.996	10.35	0.0	315.731	5.645	0.0	146.203	5.596	0.0	1.931	0.0	0.0	1.915	0.0	0.0	2.084	0.0	0.0	2.072	0.0
117	5193	5194	SN	1	0.0	32.897	15.066	0.0	28.623	13.994	0.0	82.697	9.949	0.0	63.56	9.899	0.0	1.876	0.0	0.0	1.967	0.0	0.0	2.011	0.0	0.0	2.058	0.0
118	5193	5194	SN	1	0.0	32.897	15.068	0.0	28.623	13.994	0.0	82.697	9.949	0.0	52.481	9.899	0.0	1.876	0.0	0.0	1.967	0.0	0.0	2.011	0.0	0.0	2.058	0.0
119	5193	5194	NS	1	0.0	27.217	13.675	0.0	32.516	16.06	0.0	147.082	14.885	0.0	149.638	14.976	0.0	1.931	0.0	0.0	1.925	0.0	0.0	2.083	0.0	0.0	2.072	0.0
120	5193	5194	SN	1	0.0	25.744	8.008	0.0	27.233	8.133	0.0	77.442	1.534	0.0	43.326	1.962	0.0	1.876	0.0	0.0	1.944	0.0	0.0	2.006	0.0	0.0	2.039	0.0
121	5193	5194	SN	1	0.0	25.744	8.01	0.0	27.233	8.091	0.0	77.442	1.54	0.0	13.473	1.833	0.0	1.876	0.0	0.0	1.944	0.0	0.0	2.006	0.0	0.0	2.039	0.0
122	5193	5194	SN	1	0.0	32.897	15.102	0.0	28.623	13.819	0.0	82.697	10.03	0.0	18.69	9.568	0.0	1.876	0.0	0.0	1.967	0.0	0.0	2.011	0.0	0.0	2.058	0.0
123	5193	5194	SN	1	0.0	25.744	8.008	0.0	27.233	8.133	0.0	77.442	1.534	0.0	43.326	1.962	0.0	1.876	0.0	0.0	1.944	0.0	0.0	2.006	0.0	0.0	2.039	0.0
124	5193	5194	NS	1	0.0	27.046	11.104	0.0	27.001	10.402	0.0	130.041	5.661	0.0	124.953	5.613	0.0	1.93	0.0	0.0	1.913	0.0	0.0	2.081	0.0	0.0	2.07	0.0
125	5193	5194	NS	1	0.0	27.046	11.108	0.0	27.001	10.402	0.0	130.041	5.666	0.0	124.766	5.621	0.0	1.931	0.0	0.0	1.912	0.0	0.0	2.082	0.0	0.0	2.07	0.0
126	5193	5194	NS	1	0.0	27.222	13.664	0.0	32.516	16.072	0.0	147.071	14.885	0.0	149.512	14.983	0.0	1.931	0.0	0.0	1.911	0.0	0.0	2.083	0.0	0.0	2.072	0.0
127	5194	5195	NS	1	0.0	27.239	13.759	0.0	31.529	16.076	0.0	155.074	14.77	0.0	131.968	14.995	0.0	1.924	0.0	0.0	1.91	0.0	0.0	2.083	0.0	0.0	2.073	0.0
128	5194	5195	SN	1	0.0	30.895	15.075	0.0	28.623	14.079	0.0	90.766	9.849	0.0	64.465	9.848	0.0	1.869	0.0	0.0	1.967	0.0	0.0	2.01	0.0	0.0	2.037	0.0
129	5194	5195	SN	1	0.0	30.895	15.17	0.0	28.088	13.583	0.0	90.766	10.1	0.0	14.102	9.039	0.0	1.869	0.0	0.0	1.967	0.0	0.0	2.01	0.0	0.0	2.037	0.0
130	5194	5195	SN	1	0.0	25.733	8.03	0.0	27.239	8.018	0.0	124.683	1.583	0.0	11.355	1.752	0.0	1.876	0.0	0.0	1.944	0.0	0.0	2.006	0.0	0.0	2.054	0.0
131	5194	5195	SN	1	0.0	30.895	15.056	0.0	28.623	14.063	0.0	90.821	9.87	0.0	64.388	9.912	0.0	1.87	0.0	0.0	1.966	0.0	0.0	2.011	0.0	0.0	2.037	0.0
132	5194	5195	NS	1	0.0	27.051	11.113	0.0	27.007	10.445	0.0	153.965	5.681	0.0	169.939	5.656	0.0	1.93	0.0	0.0	1.913	0.0	0.0	2.082	0.0	0.0	2.071	0.0
133	5194	5195	NS	1	0.0	27.239	13.718	0.0	31.524	16.105	0.0	155.079	14.763	0.0	131.792	14.974	0.0	1.924	0.0	0.0	1.916	0.0	0.0	2.084	0.0	0.0	2.073	0.0
134	5194	5195	SN	1	0.0	25.733	8.03	0.0	104.297	8.155	0.0	124.755	1.534	0.0	68.502	1.96	0.0	1.876	0.0	0.0	1.944	0.0	0.0	2.006	0.0	0.0	2.041	0.0
135	5194	5195	SN	1	0.0	25.733	8.021	0.0	27.239	8.148	0.0	124.683	1.534	0.0	68.596	1.963	0.0	1.876	0.0	0.0	1.944	0.0	0.0	2.006	0.0	0.0	2.054	0.0
136	5194	5195	NS	1	0.0	27.051	11.1	0.0	27.007	10.432	0.0	153.938	5.683	0.0	170.176	5.647	0.0	1.928	0.0	0.0	1.916	0.0	0.0	2.081	0.0	0.0	2.072	0.0
137	5195	5196	SN	1	0.0	30.912	15.283	0.0	26.389	13.436	0.0	88.389	10.3	0.0	280.749	8.619	0.0	1.863	0.0	0.0	1.966	0.0	0.0	2.01	0.0	0.0	2.031	0.0
138	5195	5196	NS	1	0.0	27.233	13.738	0.0	32.704	16.105	0.0	354.325	14.742	0.0	166.145	14.967	0.0	1.923	0.0	0.0	1.92	0.0	0.0	2.085	0.0	0.0	2.071	0.0
139	5195	5196	NS	1	0.0	27.239	13.747	0.0	32.704	16.115	0.0	354.325	14.748	0.0	166.382	14.974	0.0	1.923	0.0	0.0	1.921	0.0	0.0	2.085	0.0	0.0	2.073	0.0
140	5195	5196	SN	1	0.0	25.739	8.041	0.0	27.244	8.173	0.0	65.226	1.495	0.0	65.753	1.937	0.0	1.876	0.0	0.0	1.944	0.0	0.0	2.006	0.0	0.0	2.037	0.0
141	5195	5196	SN	1	0.0	25.739	8.041	0.0	27.244	8.173	0.0	65.226	1.495	0.0	65.753	1.937	0.0	1.876	0.0	0.0	1.944	0.0	0.0	2.006	0.0	0.0	2.037	0.0
142	5195	5196	SN	1	0.0	30.912	15.039	0.0	28.628	14.038	0.0	88.389	9.834	0.0	280.749	9.806	0.0	1.863	0.0	0.0	1.966	0.0	0.0	2.01	0.0	0.0	2.031	0.0

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

143	5195	5196	SN	1	0.0	30.912	15.039	0.0	28.628	14.038	0.0	88.389	9.834	0.0	280.749	9.806	0.0	1.863	0.0	0.0	1.966	0.0	0.0	2.01	0.0	0.0	2.031	0.0
144	5195	5196	NS	1	0.0	27.073	11.103	0.0	27.007	10.515	0.0	354.667	5.713	0.0	148.039	5.697	0.0	1.933	0.0	0.0	1.913	0.0	0.0	2.084	0.0	0.0	2.071	0.0
145	5195	5196	NS	1	0.0	27.073	11.092	0.0	27.007	10.51	0.0	354.678	5.718	0.0	148.282	5.697	0.0	1.932	0.0	0.0	1.914	0.0	0.0	2.084	0.0	0.0	2.072	0.0
146	5195	5196	SN	1	0.0	25.739	8.089	0.0	27.244	8.049	0.0	65.226	1.597	0.0	11.03	1.692	0.0	1.876	0.0	0.0	1.944	0.0	0.0	2.006	0.0	0.0	2.037	0.0
147	5196	5197	SN	1	0.0	25.733	8.03	0.0	27.239	8.139	0.0	65.573	1.484	0.0	66.767	1.914	0.0	1.876	0.0	0.0	1.948	0.0	0.0	2.005	0.0	0.0	2.039	0.0
148	5196	5197	NS	1	0.0	27.239	13.759	0.0	29.34	16.065	0.0	354.468	14.734	0.0	156.03	14.938	0.0	1.922	0.0	0.0	1.918	0.0	0.0	2.084	0.0	0.0	2.072	0.0
149	5196	5197	NS	1	0.0	27.057	11.124	0.0	27.007	10.503	0.0	354.799	5.695	0.0	133.656	5.674	0.0	1.932	0.0	0.0	1.914	0.0	0.0	2.082	0.0	0.0	2.073	0.0
150	5196	5197	SN	1	0.0	30.934	15.099	0.0	28.623	14.057	0.0	81.859	9.785	0.0	76.454	9.777	0.0	1.854	0.0	0.0	1.971	0.0	0.0	2.009	0.0	0.0	2.033	0.0
151	5196	5197	NS	1	0.0	27.239	13.759	0.0	29.34	16.065	0.0	354.468	14.734	0.0	156.03	14.938	0.0	1.922	0.0	0.0	1.918	0.0	0.0	2.084	0.0	0.0	2.072	0.0
152	5196	5197	SN	1	0.0	30.934	15.099	0.0	28.623	14.057	0.0	81.859	9.785	0.0	76.454	9.777	0.0	1.854	0.0	0.0	1.971	0.0	0.0	2.009	0.0	0.0	2.033	0.0
153	5196	5197	NS	1	0.0	27.057	11.124	0.0	27.007	10.503	0.0	354.799	5.695	0.0	133.656	5.674	0.0	1.932	0.0	0.0	1.914	0.0	0.0	2.082	0.0	0.0	2.073	0.0
154	5196	5197	SN	1	0.0	25.733	8.03	0.0	27.239	8.139	0.0	65.573	1.484	0.0	66.767	1.914	0.0	1.876	0.0	0.0	1.948	0.0	0.0	2.005	0.0	0.0	2.039	0.0
155	5197	5198	NS	1	0.0	27.25	13.692	0.0	31.849	16.011	0.0	157.666	14.772	0.0	149.931	14.977	0.0	1.925	0.0	0.0	1.92	0.0	0.0	2.084	0.0	0.0	2.072	0.0
156	5197	5198	NS	1	0.0	27.046	11.11	0.0	27.001	10.478	0.0	145.329	5.724	0.0	140.109	5.686	0.0	1.93	0.0	0.0	1.913	0.0	0.0	2.083	0.0	0.0	2.073	0.0
157	5197	5198	NS	1	0.0	27.25	13.692	0.0	31.849	16.011	0.0	157.666	14.772	0.0	149.931	14.977	0.0	1.925	0.0	0.0	1.92	0.0	0.0	2.084	0.0	0.0	2.072	0.0
158	5197	5198	NS	1	0.0	27.046	11.11	0.0	27.001	10.478	0.0	145.329	5.724	0.0	140.109	5.686	0.0	1.93	0.0	0.0	1.913	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		