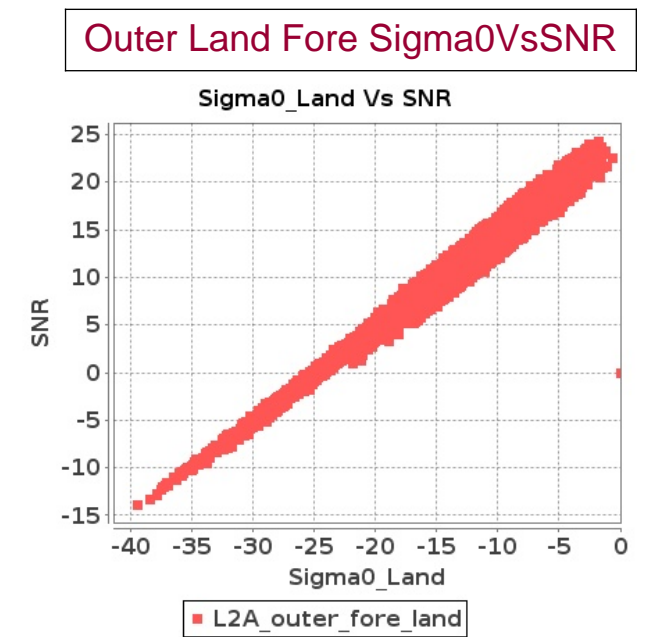
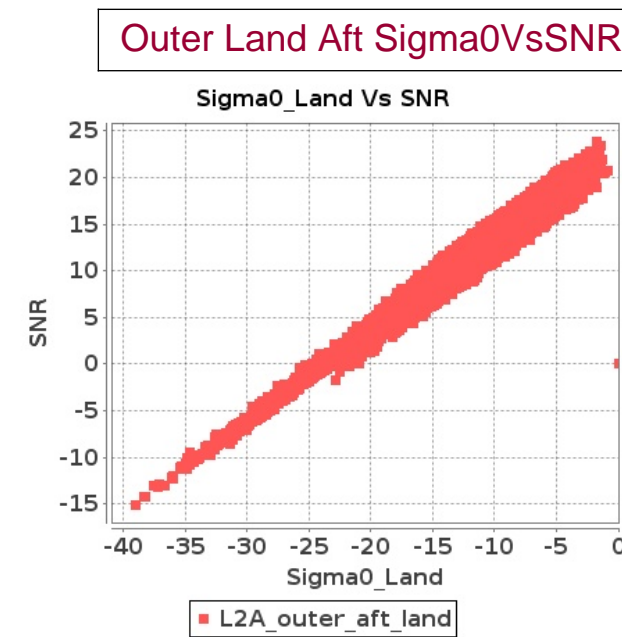
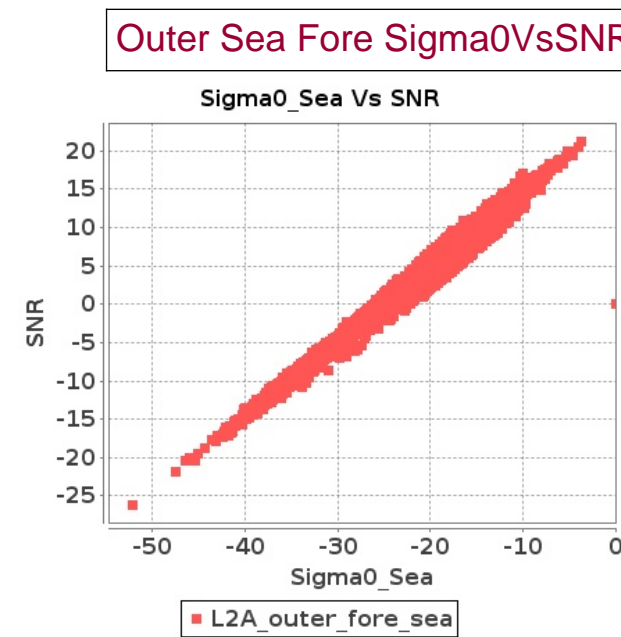
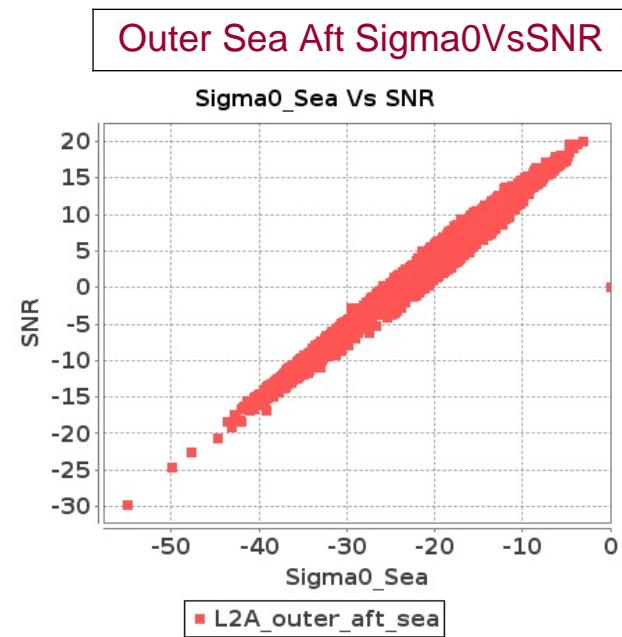
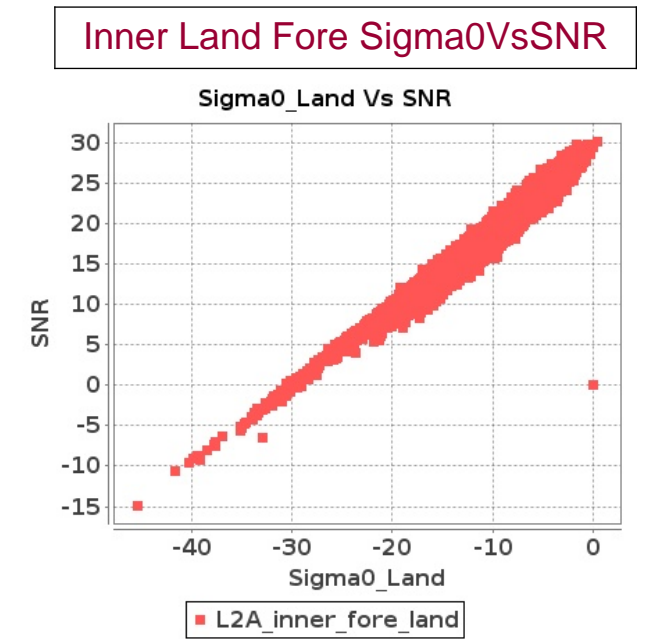
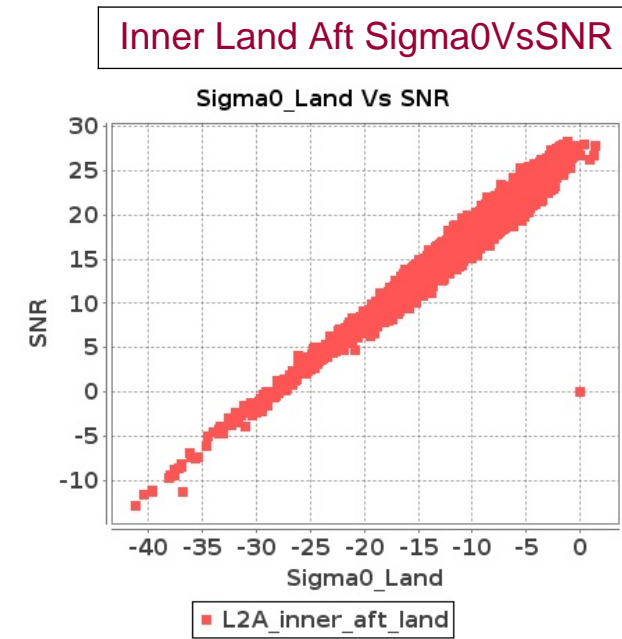
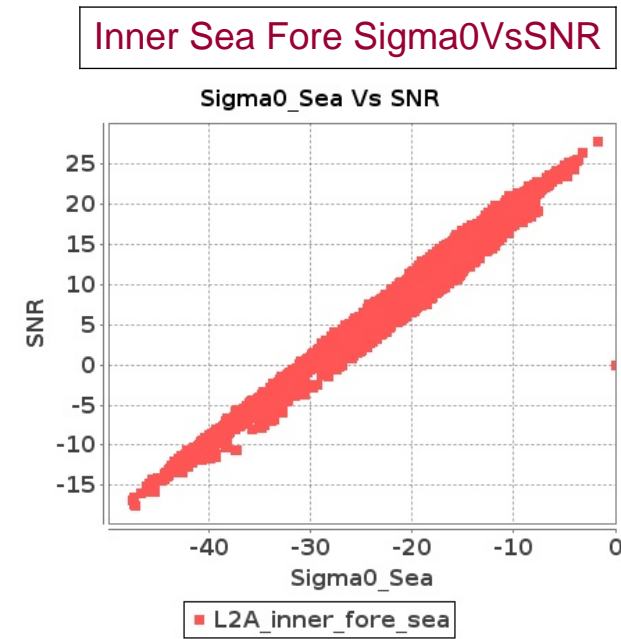
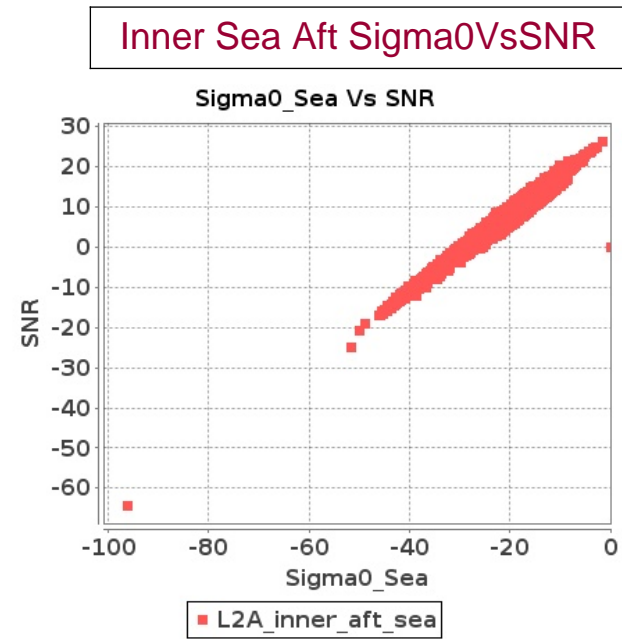


# SCATSAT-1 Scatterometer Level-2A Data Quality Cycle wise Report

Report between 02-JUL-2017 To 03-JUL-2017



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

Report between 02-JUL-2017 To 03-JUL-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	4042	4043	SN	1	0.0	45.893	1.757	0.0	49.571	1.678	0.0	40.326	1.256	0.0	39.687	1.265	0.0	44.788	1.548	0.0	49.904	1.497	0.0	36.918	1.182	0.0	40.754	1.134
2	4042	4043	SN	1	0.0	45.893	1.829	0.0	49.571	1.748	0.0	40.326	1.265	0.0	39.687	1.305	0.0	44.788	1.607	0.0	49.904	1.559	0.0	36.918	1.193	0.0	40.754	1.167
3	4042	4043	SN	1	0.0	46.973	5.305	0.0	47.139	4.73	0.0	47.029	4.071	0.0	42.894	4.101	0.0	48.44	4.555	0.0	50.004	4.16	0.0	44.73	3.73	0.0	42.615	3.668
4	4042	4043	SN	1	0.0	45.763	1.751	0.0	52.125	1.664	0.0	42.883	1.247	0.0	43.099	1.235	0.0	45.874	1.577	0.0	52.865	1.478	0.0	39.144	1.159	0.0	40.725	1.085
5	4042	4043	SN	1	0.0	50.149	5.185	0.0	51.475	4.656	0.0	47.991	4.113	0.0	44.538	4.113	0.0	47.903	4.584	0.0	49.208	4.062	0.0	45.895	3.666	0.0	46.409	3.707
6	4042	4043	SN	1	0.0	48.625	5.458	0.0	47.139	4.906	0.0	47.029	4.039	0.0	42.894	4.208	0.0	48.44	4.663	0.0	50.004	4.31	0.0	44.73	3.708	0.0	42.615	3.785
7	4043	4044	SN	1	0.0	52.62	7.438	0.0	52.81	7.29	0.0	48.048	5.964	0.0	43.172	5.446	0.0	53.116	7.128	0.0	52.302	6.606	0.0	46.213	5.815	0.0	40.206	5.289
8	4043	4044	NS	1	0.0	50.712	2.34	0.0	43.375	1.813	0.0	45.776	1.323	0.0	42.416	1.39	0.0	49.783	2.046	0.0	45.497	1.598	0.0	43.411	1.157	0.0	41.22	1.181
9	4043	4044	NS	1	0.0	53.662	7.371	0.0	48.956	6.061	0.0	48.553	4.675	0.0	52.485	4.616	0.0	51.962	6.576	0.0	49.681	5.489	0.0	48.736	4.049	0.0	49.927	4.19
10	4043	4044	SN	1	0.0	49.563	2.523	0.0	49.707	2.461	0.0	46.234	1.943	0.0	44.261	1.853	0.0	46.93	2.352	0.0	53.569	2.315	0.0	47.838	1.822	0.0	45.183	1.686
11	4043	4044	SN	1	0.0	52.62	7.439	0.0	52.81	7.374	0.0	48.048	5.964	0.0	43.172	5.506	0.0	53.116	7.129	0.0	52.302	6.682	0.0	46.213	5.815	0.0	40.206	5.347
12	4043	4044	SN	1	0.0	49.563	2.523	0.0	49.707	2.434	0.0	46.234	1.943	0.0	44.261	1.833	0.0	46.93	2.352	0.0	53.569	2.289	0.0	47.838	1.822	0.0	45.183	1.667
13	4043	4044	SN	1	0.0	52.62	7.565	0.0	52.81	7.419	0.0	48.048	6.071	0.0	43.172	5.546	0.0	53.116	7.25	0.0	52.302	6.723	0.0	46.213	5.92	0.0	40.206	5.386
14	4043	4044	SN	1	0.0	49.563	2.57	0.0	49.707	2.475	0.0	46.234	1.977	0.0	44.261	1.864	0.0	46.93	2.393	0.0	53.569	2.327	0.0	47.838	1.854	0.0	45.183	1.695
15	4044	4045	NS	1	0.0	50.861	3.95	0.0	47.983	3.553	0.0	39.875	2.682	0.0	46.212	2.593	0.0	51.19	3.518	0.0	48.178	3.041	0.0	39.457	2.426	0.0	46.765	2.337
16	4044	4045	SN	1	0.0	6.644	0.0	0.0	13.621	0.0	100000.0	-100000.0	0.0	0.0	17.258	0.0	0.0	4.742	0.0	0.0	11.748	0.0	100000.0	-100000.0	0.0	0.0	13.415	0.0
17	4044	4045	SN	1	0.0	45.606	6.412	0.0	50.503	6.161	0.0	41.573	4.837	0.0	49.653	4.848	0.0	46.61	6.122	0.0	49.263	5.906	0.0	39.094	4.887	0.0	47.674	4.588
18	4044	4045	NS	1	0.0	47.767	1.305	0.0	41.591	1.12	0.0	41.771	0.855	0.0	44.107	0.865	0.0	49.75	1.127	0.0	41.189	0.939	0.0	39.868	0.793	0.0	43.866	0.786
19	4044	4045	NS	1	0.0	47.487	1.245	0.0	51.444	1.149	0.0	35.712	0.845	0.0	42.436	0.787	0.0	44.799	1.073	0.0	48.885	1.022	0.0	36.026	0.76	0.0	41.215	0.743
20	4044	4045	SN	1	0.0	45.606	6.497	0.0	50.503	6.151	0.0	41.573	4.884	0.0	49.653	4.853	0.0	46.61	6.203	0.0	49.263	5.897	0.0	39.094	4.948	0.0	47.674	4.593
21	4044	4045	NS	1	0.0	50.861	3.801	0.0	46.336	3.28	0.0	44.038	2.69	0.0	42.218	2.691	0.0	51.19	3.258	0.0	46.951	3.009	0.0	41.387	2.512	0.0	39.892	2.464
22	4044	4045	SN	1	0.0	43.181	2.106	0.0	41.659	2.099	0.0	38.353	1.574	0.0	39.472	1.789	0.0	41.235	1.946	0.0	43.809	2.088	0.0	37.96	1.48	0.0	37.148	1.591
23	4044	4045	SN	1	0.0	43.181	2.13	0.0	41.659	2.102	0.0	38.353	1.588	0.0	39.472	1.784	0.0	41.235	1.97	0.0	43.809	2.089	0.0	37.96	1.494	0.0	37.148	1.593
24	4044	4045	SN	1	0.0	8.177	0.0	0.0	15.168	0.0	100000.0	-100000.0	0.0	0.0	18.958	0.0	0.0	5.501	0.0	0.0	12.868	0.0	100000.0	-100000.0	0.0	0.0	16.696	0.0
25	4045	4046	NS	1	0.0	41.296	3.613	0.0	42.827	2.73	0.0	40.002	3.176	0.0	44.739	3.155	0.0	40.775	3.16	0.0	42.286	2.268	0.0	41.408	2.834	0.0	43.181	2.863
26	4045	4046	NS	1	0.0	41.296	3.613	0.0	42.827	2.73	0.0	40.002	3.176	0.0	44.739	3.155	0.0	40.775	3.16	0.0	42.286	2.268	0.0	41.408	2.834	0.0	43.181	2.863
27	4045	4046	NS	1	0.0	40.217	1.426	0.0	49.428	1.152	0.0	37.379	0.947	0.0	40.146	1.08	0.0	39.728	1.196	0.0	45.359	0.994	0.0	35.624	0.824	0.0	37.601	0.878
28	4045	4046	NS	1	0.0	40.217	1.426	0.0	49.428	1.152	0.0	37.379	0.947	0.0	40.146	1.08	0.0	39.728	1.196	0.0	45.359	0.994	0.0	35.624	0.824	0.0	37.601	0.878
29	4045	4046	SN	1	0.0	44.515	6.287	0.0	42.058	4.802	0.0	42.706	4.168	0.0	42.363	3.906	0.0	43.236	5.747	0.0	44.437	4.556	0.0	41.049	3.741	0.0	43.582	3.5
30	4045	4046	SN	1	0.0	46.61	2.085	0.0	45.533	1.637	0.0	40.938	1.51	0.0	39.718	1.352	0.0	44.869	1.787	0.0	46.513	1.352	0.0	39.957	1.29	0.0	38.978	1.149
31	4045	4046	SN	1	0.0	44.515	6.216	0.0	42.058	4.844	0.0	42.706	4.084	0.0	42.363	3.864	0.0	43.236	5.685	0.0	44.437	4.539	0.0	41.049	3.666	0.0	43.582	3.475

Parameter Specifications	Parameters	SNR	Sigma0	<span style="background-color: green; border: 1px solid black; display: inline-block; width: 10px; height: 10px;"></span> Normal	<span style="background-color: yellow; border: 1px solid black; display: inline-block; width: 10px; height: 10px;"></span> Deviations
	Range	20.0	20.0	<span style="background-color: orange; border: 1px solid black; display: inline-block; width: 10px; height: 10px;"></span> Alarming	<span style="background-color: red; border: 1px solid black; display: inline-block; width: 10px; height: 10px;"></span> High Errors

32	4045	4046	SN	1	0.0	46.61	2.059	0.0	45.533	1.633	0.0	40.938	1.48	0.0	39.718	1.346	0.0	44.869	1.761	0.0	46.513	1.347	0.0	39.957	1.263	0.0	38.978	1.143
33	4045	4046	SN	1	0.0	44.515	6.215	0.0	42.058	4.789	0.0	42.706	4.084	0.0	42.363	3.836	0.0	43.236	5.685	0.0	44.437	4.487	0.0	41.049	3.666	0.0	43.582	3.437
34	4045	4046	SN	1	0.0	46.61	2.059	0.0	45.533	1.612	0.0	40.938	1.479	0.0	39.718	1.331	0.0	44.869	1.761	0.0	46.513	1.329	0.0	39.957	1.263	0.0	38.978	1.13
35	4046	4047	SN	1	0.0	44.286	5.906	0.0	45.369	5.16	0.0	44.209	4.956	0.0	41.845	4.471	0.0	45.369	5.365	0.0	45.026	4.909	0.0	45.013	4.807	0.0	41.618	4.399
36	4046	4047	NS	1	0.0	51.743	1.946	0.0	50.615	1.935	0.0	43.867	1.265	0.0	40.315	1.311	0.0	50.132	1.849	0.0	46.147	1.84	0.0	40.427	1.234	0.0	39.421	1.275
37	4046	4047	SN	1	0.0	46.101	2.299	0.0	43.806	2.024	0.0	44.431	1.752	0.0	38.059	1.624	0.0	45.687	2.024	0.0	44.628	1.919	0.0	43.943	1.593	0.0	37.34	1.485
38	4046	4047	NS	1	0.0	46.402	1.884	0.0	57.712	1.958	0.0	43.972	1.366	0.0	43.461	1.343	0.0	46.731	1.826	0.0	57.114	1.864	0.0	39.604	1.339	0.0	42.605	1.263
39	4046	4047	SN	1	0.0	44.286	6.007	0.0	45.369	5.234	0.0	44.209	5.097	0.0	41.845	4.571	0.0	45.369	5.452	0.0	45.026	4.996	0.0	45.013	4.944	0.0	41.618	4.498
40	4046	4047	NS	1	0.0	51.846	6.249	0.0	54.433	5.941	0.0	45.457	4.799	0.0	45.768	4.81	0.0	48.216	5.796	0.0	52.187	5.399	0.0	45.723	4.521	0.0	48.512	4.44
41	4046	4047	SN	1	0.0	46.101	2.257	0.0	43.806	1.981	0.0	44.431	1.71	0.0	38.059	1.595	0.0	45.687	1.982	0.0	44.628	1.875	0.0	43.943	1.555	0.0	37.34	1.452
42	4046	4047	NS	1	0.0	51.464	6.146	0.0	52.518	5.913	0.0	47.123	5.046	0.0	47.092	4.918	0.0	48.771	5.804	0.0	49.818	5.461	0.0	46.66	4.747	0.0	46.935	4.541
43	4046	4047	SN	1	0.0	46.101	2.257	0.0	43.806	1.999	0.0	44.431	1.709	0.0	38.059	1.613	0.0	45.687	1.982	0.0	44.628	1.892	0.0	43.943	1.555	0.0	37.34	1.469
44	4046	4047	SN	1	0.0	44.286	5.906	0.0	45.369	5.22	0.0	44.209	4.963	0.0	41.845	4.52	0.0	45.369	5.366	0.0	45.026	4.965	0.0	45.013	4.807	0.0	41.618	4.447
45	4047	4048	NS	1	0.0	51.732	2.565	0.0	52.75	2.572	0.0	50.352	1.529	0.0	47.357	1.656	0.0	54.239	2.375	0.0	50.906	2.369	0.0	50.739	1.417	0.0	42.827	1.493
46	4047	4048	SN	1	0.0	43.482	8.42	0.0	45.978	7.89	0.0	43.257	6.259	0.0	42.829	6.32	0.0	42.401	7.794	0.0	43.909	7.471	0.0	42.354	5.985	0.0	42.28	6.03
47	4047	4048	SN	1	0.0	43.482	8.212	0.0	45.978	7.774	0.0	43.257	6.038	0.0	42.829	6.214	0.0	42.401	7.571	0.0	43.909	7.336	0.0	42.354	5.769	0.0	42.28	5.896
48	4047	4048	NS	1	0.0	53.158	8.794	0.0	55.328	7.888	0.0	49.379	5.567	0.0	45.319	5.818	0.0	55.7	8.24	0.0	54.561	7.255	0.0	48.292	5.019	0.0	46.063	5.42
49	4047	4048	NS	1	0.0	53.158	8.794	0.0	55.328	7.888	0.0	49.379	5.567	0.0	45.319	5.818	0.0	55.7	8.24	0.0	54.561	7.255	0.0	48.292	5.019	0.0	46.063	5.42
50	4047	4048	SN	1	0.0	42.771	2.676	0.0	52.143	2.62	0.0	37.068	2.068	0.0	42.111	2.185	0.0	42.958	2.419	0.0	54.666	2.379	0.0	37.319	1.855	0.0	40.448	1.928
51	4047	4048	SN	1	0.0	43.482	8.222	0.0	45.978	7.685	0.0	43.257	6.038	0.0	42.829	6.146	0.0	42.401	7.571	0.0	43.909	7.252	0.0	42.354	5.769	0.0	42.28	5.832
52	4047	4048	SN	1	0.0	42.771	2.763	0.0	52.143	2.675	0.0	37.068	2.145	0.0	42.111	2.231	0.0	42.958	2.505	0.0	54.666	2.43	0.0	37.319	1.927	0.0	40.448	1.97
53	4047	4048	SN	1	0.0	42.771	2.676	0.0	52.143	2.593	0.0	37.068	2.068	0.0	42.111	2.161	0.0	42.958	2.419	0.0	54.666	2.353	0.0	37.319	1.853	0.0	40.448	1.906
54	4047	4048	NS	1	0.0	51.732	2.565	0.0	52.75	2.572	0.0	50.352	1.529	0.0	47.357	1.656	0.0	54.239	2.375	0.0	50.906	2.369	0.0	50.739	1.417	0.0	42.827	1.493
55	4048	4049	NS	1	0.0	44.725	2.228	0.0	44.185	1.927	0.0	40.599	1.618	0.0	41.574	1.451	0.0	44.623	1.887	0.0	43.51	1.753	0.0	39.99	1.391	0.0	44.006	1.19
56	4048	4049	SN	1	0.0	50.041	11.138	0.0	50.359	10.634	0.0	44.498	7.327	0.0	43.836	7.147	0.0	52.278	10.627	0.0	53.32	9.933	0.0	46.019	7.036	0.0	43.477	6.744
57	4048	4049	NS	1	0.0	49.705	6.59	0.0	49.864	5.732	0.0	46.326	5.388	0.0	47.771	4.946	0.0	51.705	5.836	0.0	50.093	5.11	0.0	43.644	4.826	0.0	43.951	4.385
58	4048	4049	NS	1	0.0	44.275	2.235	0.0	44.662	1.927	0.0	41.447	1.584	0.0	39.376	1.449	0.0	42.065	1.889	0.0	42.557	1.76	0.0	39.863	1.371	0.0	41.288	1.173
59	4048	4049	SN	1	1.443	53.491	11.216	0.0	50.015	10.516	0.0	46.008	7.233	0.0	44.479	7.097	0.526	53.9	10.645	0.0	52.973	9.802	0.0	45.587	6.991	0.0	43.566	6.67
60	4048	4049	SN	1	0.0	45.995	3.668	0.0	45.943	3.279	0.0	42.061	2.368	0.0	42.819	2.223	0.0	45.474	3.31	0.0	43.123	3.069	0.0	38.343	2.228	0.0	42.647	2.013
61	4048	4049	SN	1	0.0	48.601	3.633	0.0	45.946	3.295	0.0	48.078	2.349	0.0	43.582	2.275	0.0	48.548	3.27	0.0	43.126	3.071	0.0	45.618	2.227	0.0	44.514	2.063
62	4048	4049	SN	1	0.0	50.041	11.415	0.0	50.359	10.657	0.0	44.498	7.683	0.0	43.836	7.194	0.0	52.278	10.926	0.0	53.32	9.974	0.0	46.019	7.381	0.0	43.477	6.808
63	4048	4049	NS	1	0.0	49.088	6.59	0.0	49.71	5.773	0.0	44.753	5.345	0.0	51.597	4.91	0.0	51.085	5.826	0.0	49.938	5.06	0.0	45.026	4.762	0.0	47.106	4.363
64	4048	4049	SN	1	0.0	48.601	3.807	0.0	45.946	3.377	0.0	48.078	2.466	0.0	43.582	2.296	0.0	48.548	3.443	0.0	43.126	3.158	0.0	45.618	2.346	0.0	44.514	2.075
65	4049	4050	SN	1	0.0	55.867	10.132	0.0	51.111	10.38	0.0	49.993	6.845	0.0	50.384	7.534	0.0	58.067	9.347	0.0	53.229	9.767	0.0	48.862	6.164	0.0	53.368	6.911
66	4049	4050	SN	1	0.0	52.005	3.086	0.0	47.19	3.254	0.0	42.877	2.001	0.0	44.614	2.121	0.0	50.541	2.674	0.0	51.245	2.904	0.0	44.644	1.727	0.0	43.542	1.906
67	4049	4050	SN	1	0.0	52.005	3.05	0.0	47.19	3.281	0.0	42.877	1.926	0.0	44.614	2.142	0.0	50.541	2.685	0.0	51.245	2.97	0.0	44.644	1.661	0.0	43.542	1.923

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

68	4049	4050	SN	1	0.0	50.438	3.024	0.0	46.088	3.241	0.0	45.74	1.902	0.0	45.705	2.091	0.0	48.975	2.663	0.0	45.456	2.904	0.0	44.333	1.642	0.0	41.291	1.898
69	4049	4050	NS	1	0.0	44.328	2.832	0.0	40.75	2.265	0.0	38.916	2.014	0.0	40.267	1.93	0.0	42.678	2.579	0.0	40.709	1.981	0.0	38.838	1.913	0.0	37.109	1.784
70	4049	4050	NS	1	0.0	45.372	8.18	0.0	47.275	7.128	0.0	46.589	5.9	0.0	46.537	5.5	0.0	46.99	7.637	0.0	48.797	6.425	0.0	43.183	5.843	0.0	47.962	5.116
71	4049	4050	SN	1	0.0	50.904	10.272	0.0	56.8	10.537	0.0	48.545	6.553	0.0	48.604	7.644	0.0	51.752	9.461	0.0	56.578	10.004	0.0	46.48	5.979	0.0	48.432	7.01
72	4049	4050	NS	1	0.0	44.971	8.381	0.0	47.221	7.198	0.0	39.571	5.829	0.0	41.514	5.514	0.0	46.587	7.697	0.0	48.637	6.465	0.0	39.594	5.765	0.0	42.961	5.109
73	4049	4050	SN	1	0.0	55.867	10.245	0.0	51.111	10.655	0.0	49.993	6.576	0.0	50.384	7.716	0.0	58.067	9.434	0.0	53.229	10.167	0.0	48.862	5.902	0.0	53.368	7.146
74	4049	4050	NS	1	0.0	47.038	2.753	0.0	44.945	2.281	0.0	38.509	2.002	0.0	45.462	1.941	0.0	45.39	2.556	0.0	44.903	1.983	0.0	39.791	1.95	0.0	42.398	1.754
75	4050	4051	NS	1	0.0	51.704	8.553	0.0	46.671	7.238	0.0	45.91	6.975	0.0	46.124	6.708	0.0	51.653	8.291	0.0	47.716	7.328	0.0	45.859	7.06	0.0	43.128	6.722
76	4050	4051	NS	1	0.0	43.155	8.492	0.0	47.323	7.418	0.0	43.938	6.904	0.0	43.799	6.693	0.0	43.1	8.21	0.0	48.182	7.378	0.0	43.668	7.025	0.0	45.099	6.643
77	4050	4051	NS	1	0.0	43.232	2.854	0.0	42.066	2.509	0.0	43.939	2.154	0.0	40.375	2.208	0.0	41.56	2.875	0.0	42.312	2.448	0.0	44.6	2.098	0.0	39.01	2.074
78	4050	4051	NS	1	0.0	45.858	2.839	0.0	42.129	2.561	0.0	38.692	2.186	0.0	40.61	2.159	0.0	46.924	2.805	0.0	42.375	2.453	0.0	38.133	2.195	0.0	39.461	2.031
79	4050	4051	SN	1	0.0	50.613	6.731	0.0	52.787	6.596	0.0	49.846	3.959	0.0	50.746	5.069	0.0	53.85	6.351	0.0	53.593	6.031	0.0	47.893	3.98	0.0	51.821	4.505
80	4050	4051	SN	1	0.0	50.539	6.761	0.0	53.062	6.586	0.0	44.065	4.009	0.0	48.113	5.041	0.0	53.768	6.371	0.0	52.226	5.971	0.0	44.785	3.98	0.0	51.757	4.497
81	4050	4051	SN	1	0.0	44.931	2.105	0.0	47.114	2.027	0.0	46.099	1.183	0.0	52.449	1.41	0.0	45.998	1.93	0.0	44.351	1.871	0.0	42.835	1.151	0.0	49.312	1.23
82	4050	4051	SN	1	0.0	43.774	2.123	0.0	45.134	2.03	0.0	43.97	1.193	0.0	41.107	1.406	0.0	44.841	1.963	0.0	45.267	1.894	0.0	48.469	1.149	0.0	40.46	1.196
83	4051	4052	NS	1	0.0	48.693	3.497	0.0	49.767	3.025	0.0	45.352	2.225	0.0	47.102	2.321	0.0	47.862	3.226	0.0	50.376	2.759	0.0	45.139	2.106	0.0	44.424	2.143
84	4051	4052	NS	1	0.0	52.23	9.664	0.0	53.027	8.968	0.0	48.794	7.357	0.0	51.781	7.542	0.0	50.412	9.342	0.0	51.197	8.486	0.0	48.055	6.938	0.0	52.779	7.137
85	4051	4052	SN	1	0.0	42.846	1.542	0.0	46.02	1.46	0.0	38.649	1.094	0.0	36.362	0.966	0.0	40.012	1.289	0.0	44.899	1.333	0.0	40.275	0.961	0.0	34.18	0.839
86	4051	4052	NS	1	0.0	47.795	3.461	0.0	48.525	3.014	0.0	43.257	2.235	0.0	45.329	2.326	0.0	46.744	3.221	0.0	47.267	2.759	0.0	40.625	2.131	0.0	43.392	2.142
87	4051	4052	SN	1	0.0	45.698	4.998	0.0	55.432	4.535	0.0	44.883	3.647	0.0	49.914	3.365	0.0	49.517	4.547	0.0	54.557	4.223	0.0	43.506	3.278	0.0	46.388	3.05
88	4051	4052	SN	1	0.0	45.698	4.41	0.0	55.432	4.875	0.0	40.955	2.983	0.0	42.346	3.475	0.0	49.517	4.189	0.0	54.557	4.544	0.0	43.068	2.9	0.0	45.463	3.135
89	4051	4052	SN	1	0.0	42.846	1.22	0.0	46.02	1.605	0.0	37.919	0.868	0.0	36.362	1.033	0.0	40.012	1.093	0.0	44.899	1.447	0.0	35.183	0.797	0.0	33.687	0.9
90	4051	4052	NS	1	0.0	51.461	9.604	0.0	51.362	8.908	0.0	45.089	7.379	0.0	48.081	7.592	0.0	49.64	9.212	0.0	50.847	8.507	0.0	43.409	6.952	0.0	47.362	7.151
91	4052	4053	SN	1	0.0	49.976	6.411	0.0	58.271	6.177	0.0	48.282	5.376	0.0	48.686	5.931	0.0	50.037	5.91	0.0	55.514	5.834	0.0	49.86	5.234	0.0	46.726	5.56
92	4052	4053	NS	1	0.0	51.432	5.468	0.0	49.396	4.696	0.0	44.685	3.622	0.0	46.73	3.601	0.0	53.324	4.976	0.0	49.726	4.395	0.0	42.932	3.6	0.0	46.134	3.523
93	4052	4053	NS	1	0.0	43.547	1.734	0.0	52.279	1.535	0.0	38.936	1.226	0.0	40.004	1.17	0.0	45.272	1.513	0.0	50.401	1.402	0.0	37.924	1.163	0.0	40.054	1.092
94	4052	4053	SN	1	0.0	48.084	2.084	0.0	48.248	2.139	0.0	40.248	1.591	0.0	42.354	1.642	0.0	48.079	1.956	0.0	46.205	1.944	0.0	39.143	1.511	0.0	45.547	1.544
95	4053	4054	SN	1	0.0	45.76	4.995	0.0	48.706	3.991	0.0	48.085	4.064	0.0	44.857	4.219	0.0	44.56	4.375	0.0	48.779	3.458	0.0	51.585	3.752	0.0	43.018	3.856
96	4053	4054	SN	1	0.0	45.669	1.785	0.0	49.306	1.587	0.0	42.676	1.133	0.0	48.003	1.179	0.0	43.385	1.593	0.0	46.485	1.422	0.0	43.738	1.046	0.0	46.64	1.039
97	4053	4054	NS	1	0.0	47.542	1.454	0.0	47.196	1.158	0.0	38.355	1.186	0.0	40.784	1.011	0.0	50.797	1.082	0.0	50.571	0.887	0.0	37.146	0.905	0.0	38.06	0.739
98	4053	4054	NS	1	0.0	47.793	4.041	0.0	44.342	3.411	0.0	39.306	3.23	0.0	45.086	3.118	0.0	48.079	3.147	0.0	44.6	2.759	0.0	40.02	2.654	0.0	44.675	2.45
99	4054	4055	NS	1	0.0	45.23	6.334	0.0	45.995	5.764	0.0	39.773	5.392	0.0	48.35	5.049	0.0	43.144	5.45	0.0	45.997	4.913	0.0	41.186	4.901	0.0	49.111	4.514
100	4054	4055	NS	1	0.0	43.073	2.438	0.0	40.576	1.934	0.0	37.734	1.811	0.0	39.834	1.714	0.0	43.108	1.961	0.0	38.847	1.642	0.0	36.944	1.557	0.0	37.994	1.397
101	4054	4055	NS	1	0.0	43.073	2.334	0.0	40.576	1.851	0.0	39.578	1.736	0.0	39.834	1.642	0.0	43.108	1.877	0.0	38.847	1.571	0.0	37.201	1.49	0.0	37.994	1.339
102	4054	4055	SN	1	0.0	48.984	7.381	0.0	47.713	6.351	0.0	46.972	6.306	0.0	45.206	6.232	0.0	52.219	6.99	0.0	49.609	5.837	0.0	45.717	6.143	0.0	44.304	6.075
103	4054	4055	SN	1	0.0	47.318	7.44	0.0	47.224	6.341	0.0	45.972	6.271	0.0	43.777	6.125	0.0	50.061	6.99	0.0	49.124	5.837	0.0	46.378	6.186	0.0	42.872	6.125

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		



104	4054	4055	NS	1	0.0	45.23	6.053	0.0	45.995	5.508	0.0	39.773	5.161	0.0	48.35	4.83	0.0	43.144	5.209	0.0	45.997	4.695	0.0	41.186	4.691	0.0	49.111	4.318
105	4054	4055	SN	1	0.0	43.099	2.736	0.0	46.175	2.439	0.0	40.157	2.088	0.0	41.11	1.897	0.0	45.393	2.641	0.0	46.83	2.271	0.0	39.685	2.04	0.0	39.08	1.795
106	4054	4055	SN	1	0.0	51.404	2.713	0.0	46.045	2.429	0.0	51.241	2.065	0.0	41.873	1.886	0.0	48.457	2.612	0.0	46.702	2.264	0.0	47.728	2.01	0.0	39.071	1.767
107	4055	4056	NS	1	0.0	47.001	9.699	0.0	45.115	8.172	0.0	41.211	6.111	0.0	45.112	6.785	0.0	48.291	9.116	0.0	47.223	7.8	0.0	40.901	6.075	0.0	44.181	6.622
108	4055	4056	NS	1	0.0	47.001	10.63	0.0	45.115	8.92	0.0	41.211	6.667	0.0	45.112	7.411	0.0	48.291	9.991	0.0	47.223	8.514	0.0	40.901	6.643	0.0	44.181	7.232
109	4055	4056	SN	1	0.0	48.217	7.99	0.0	53.006	6.693	0.0	42.348	6.292	0.0	41.221	5.961	0.0	47.506	7.229	0.0	49.999	6.128	0.0	39.787	5.965	0.0	41.604	5.567
110	4055	4056	NS	1	0.0	42.134	3.511	0.0	42.799	2.922	0.0	40.974	2.253	0.0	40.406	2.458	0.0	42.146	3.195	0.0	40.523	2.678	0.0	37.864	2.102	0.0	38.332	2.276
111	4055	4056	SN	1	0.0	48.285	2.677	0.0	42.088	2.178	0.0	41.877	2.192	0.0	38.311	1.934	0.0	53.357	2.359	0.0	39.853	1.94	0.0	37.994	2.028	0.0	40.544	1.781
112	4055	4056	NS	1	0.0	47.451	9.639	0.0	44.0	8.252	0.0	41.017	6.125	0.0	45.517	6.806	0.0	45.943	9.006	0.0	45.558	7.79	0.0	40.314	6.161	0.0	43.6	6.671
113	4055	4056	NS	1	0.0	42.134	3.216	0.0	42.799	2.685	0.0	40.974	2.062	0.0	40.406	2.251	0.0	42.146	2.927	0.0	40.523	2.462	0.0	37.864	1.922	0.0	38.332	2.084
114	4055	4056	SN	1	0.0	48.075	2.688	0.0	41.243	2.117	0.0	38.305	2.199	0.0	41.344	1.996	0.0	53.143	2.337	0.0	40.429	1.895	0.0	35.279	2.026	0.0	38.449	1.804
115	4055	4056	NS	1	0.0	48.022	3.227	0.0	41.053	2.672	0.0	39.925	2.085	0.0	39.264	2.252	0.0	45.249	2.898	0.0	40.366	2.437	0.0	37.052	1.935	0.0	36.664	2.088
116	4055	4056	SN	1	0.0	46.016	7.92	0.0	49.291	6.693	0.0	42.119	6.405	0.0	41.9	6.018	0.0	45.147	7.299	0.0	50.077	6.078	0.0	40.568	6.086	0.0	42.257	5.582
117	4056	4057	SN	1	0.0	45.604	2.5	0.0	46.399	2.677	0.0	38.359	1.93	0.0	46.238	2.086	0.0	45.589	2.458	0.0	49.302	2.557	0.0	37.754	1.882	0.0	43.479	2.021
118	4056	4057	SN	1	0.0	51.668	7.15	0.0	50.989	6.876	0.0	40.508	6.051	0.0	44.614	6.003	0.0	52.98	6.94	0.0	49.475	6.422	0.0	40.484	5.958	0.0	47.581	5.968
119	4056	4057	SN	1	0.0	49.878	2.512	0.0	46.266	2.569	0.0	39.594	1.904	0.0	46.238	1.988	0.0	51.86	2.479	0.0	49.302	2.436	0.0	40.465	1.861	0.0	43.479	1.922
120	4056	4057	SN	1	0.0	49.878	2.512	0.0	46.266	2.54	0.0	39.594	1.906	0.0	46.238	1.966	0.0	51.86	2.481	0.0	49.302	2.409	0.0	40.465	1.863	0.0	43.479	1.9
121	4056	4057	SN	1	0.0	51.668	7.151	0.0	50.989	6.956	0.0	40.508	6.051	0.0	44.614	6.069	0.0	52.98	6.94	0.0	49.475	6.497	0.0	40.484	5.958	0.0	47.581	6.033
122	4056	4057	NS	1	0.0	50.746	10.593	0.0	47.307	9.245	0.0	42.4	7.377	0.0	47.925	7.453	0.0	47.723	10.151	0.0	47.008	8.803	0.0	39.088	7.476	0.0	46.061	7.226
123	4056	4057	NS	1	0.0	46.854	3.333	0.0	44.28	2.857	0.0	38.013	2.484	0.0	46.387	2.267	0.0	43.477	3.195	0.0	44.213	2.681	0.0	38.905	2.443	0.0	45.518	2.171
124	4056	4057	NS	1	0.0	50.746	10.593	0.0	47.307	9.245	0.0	42.4	7.377	0.0	47.925	7.453	0.0	47.723	10.151	0.0	47.008	8.803	0.0	39.088	7.476	0.0	46.061	7.226
125	4056	4057	NS	1	0.0	46.854	3.333	0.0	44.28	2.857	0.0	38.013	2.484	0.0	46.387	2.267	0.0	43.477	3.195	0.0	44.213	2.681	0.0	38.905	2.443	0.0	45.518	2.171
126	4056	4057	SN	1	0.0	51.668	7.074	0.0	50.989	7.009	0.0	40.508	5.985	0.0	44.939	6.205	0.0	52.98	6.856	0.0	49.475	6.538	0.0	40.484	5.9	0.0	47.581	6.291
127	4056	4057	NS	1	0.0	50.746	12.28	0.0	47.307	10.771	0.0	42.4	8.531	0.0	47.925	8.648	0.0	47.723	11.823	0.0	47.008	10.267	0.0	39.088	8.639	0.0	46.061	8.408
128	4056	4057	NS	1	0.0	46.854	3.86	0.0	44.28	3.308	0.0	38.013	2.869	0.0	46.387	2.633	0.0	43.477	3.706	0.0	44.213	3.107	0.0	38.905	2.825	0.0	45.518	2.522
129	4057	4058	NS	1	0.0	49.575	4.351	0.0	52.207	3.502	0.0	47.665	2.323	0.0	47.154	2.224	0.0	50.516	3.829	0.0	52.778	3.15	0.0	47.467	2.107	0.0	43.33	1.981
130	4057	4058	SN	1	0.0	52.244	7.282	0.0	49.642	7.151	0.0	46.043	5.194	0.0	46.605	5.134	0.0	54.271	6.847	0.0	51.75	6.694	0.0	46.812	5.048	0.0	46.553	4.692
131	4057	4058	SN	1	0.0	52.244	7.098	0.0	49.642	7.034	0.0	46.043	5.108	0.0	46.605	5.043	0.0	54.271	6.665	0.0	51.75	6.584	0.0	46.812	4.965	0.0	46.553	4.609
132	4057	4058	SN	1	0.0	52.244	7.397	0.0	49.642	6.952	0.0	46.043	5.226	0.0	46.605	5.077	0.0	54.271	6.916	0.0	51.75	6.5	0.0	46.812	5.07	0.0	46.553	4.642
133	4057	4058	NS	1	0.0	53.027	13.294	0.0	55.069	11.491	0.0	54.959	8.075	0.0	45.862	8.014	0.0	53.455	12.458	0.0	55.476	10.468	0.0	50.854	7.363	0.0	46.94	7.325
134	4057	4058	NS	1	0.0	53.027	13.294	0.0	55.069	11.491	0.0	54.959	8.075	0.0	45.862	8.014	0.0	53.455	12.458	0.0	55.476	10.468	0.0	50.854	7.363	0.0	46.94	7.325
135	4057	4058	SN	1	0.0	49.781	2.103	0.0	48.492	1.989	0.0	41.296	1.504	0.0	47.46	1.415	0.0	47.239	1.954	0.0	51.219	1.949	0.0	42.466	1.385	0.0	48.608	1.257
136	4057	4058	SN	1	0.0	49.781	2.048	0.0	48.492	1.958	0.0	41.296	1.479	0.0	47.46	1.39	0.0	47.239	1.9	0.0	51.219	1.919	0.0	42.466	1.361	0.0	48.608	1.236
137	4057	4058	SN	1	0.0	49.781	2.113	0.0	48.492	1.941	0.0	41.296	1.496	0.0	47.46	1.41	0.0	47.239	1.962	0.0	51.219	1.898	0.0	42.466	1.376	0.0	48.608	1.25
138	4057	4058	NS	1	0.0	49.575	4.351	0.0	52.207	3.502	0.0	47.665	2.323	0.0	47.154	2.224	0.0	50.516	3.829	0.0	52.778	3.15	0.0	47.467	2.107	0.0	43.33	1.981
139	4058	4059	NS	1	0.0	47.389	1.91	0.0	50.482	1.554	0.0	41.322	1.02	0.0	42.679	1.018	0.0	51.483	1.698	0.0	48.276	1.405	0.0	39.513	0.87	0.0	41.901	0.904

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

140	4058	4059	NS	1	0.0	47.389	1.91	0.0	50.482	1.554	0.0	41.322	1.02	0.0	42.679	1.018	0.0	51.483	1.698	0.0	48.276	1.405	0.0	39.513	0.87	0.0	41.901	0.904
141	4058	4059	NS	1	0.0	54.159	5.615	0.0	50.692	5.127	0.0	39.699	3.51	0.0	46.933	3.488	0.0	57.305	5.363	0.0	49.841	5.027	0.0	42.288	3.24	0.0	48.236	3.375
142	4058	4059	SN	1	0.0	46.382	1.794	0.0	43.313	1.659	0.0	40.949	1.235	0.0	48.373	1.376	0.0	49.558	1.579	0.0	47.966	1.43	0.0	39.874	1.151	0.0	43.814	1.17
143	4058	4059	SN	1	0.0	46.382	1.768	0.0	43.313	1.658	0.0	40.949	1.219	0.0	48.373	1.371	0.0	49.558	1.556	0.0	47.966	1.429	0.0	39.874	1.134	0.0	43.814	1.17
144	4058	4059	SN	1	0.0	54.445	5.113	0.0	49.106	4.87	0.0	41.89	4.098	0.0	41.291	4.178	0.0	51.753	4.983	0.0	51.386	4.658	0.0	40.685	3.801	0.0	41.369	3.715
145	4058	4059	SN	1	0.0	46.382	1.768	0.0	43.313	1.64	0.0	40.949	1.219	0.0	48.373	1.356	0.0	49.558	1.556	0.0	47.966	1.413	0.0	39.874	1.134	0.0	43.814	1.157
146	4058	4059	SN	1	0.0	54.445	5.181	0.0	49.106	4.931	0.0	41.89	4.16	0.0	41.291	4.225	0.0	51.753	5.049	0.0	51.386	4.717	0.0	40.685	3.865	0.0	41.369	3.756
147	4058	4059	SN	1	0.0	54.445	5.114	0.0	49.106	4.926	0.0	41.89	4.098	0.0	41.291	4.224	0.0	51.753	4.983	0.0	51.386	4.712	0.0	40.685	3.801	0.0	41.369	3.756
148	4058	4059	NS	1	0.0	54.159	5.615	0.0	50.692	5.127	0.0	39.699	3.51	0.0	46.933	3.488	0.0	57.305	5.363	0.0	49.841	5.027	0.0	42.288	3.24	0.0	48.236	3.375
149	4059	4060	NS	1	0.0	42.939	1.499	0.0	40.23	1.332	0.0	38.441	1.064	0.0	40.06	1.061	0.0	42.972	1.279	0.0	41.041	1.122	0.0	36.46	0.879	0.0	38.125	0.873
150	4059	4060	NS	1	0.0	40.666	1.5	0.0	41.306	1.306	0.0	39.396	1.053	0.0	40.234	1.102	0.0	40.667	1.229	0.0	41.634	1.066	0.0	38.309	0.849	0.0	37.56	0.903
151	4059	4060	SN	1	0.0	41.846	4.322	0.0	47.049	3.564	0.0	40.842	3.273	0.0	46.515	3.338	0.0	40.821	3.784	0.0	45.908	3.115	0.0	42.251	3.143	0.0	43.827	3.063
152	4059	4060	SN	1	0.0	41.846	4.307	0.0	47.049	3.562	0.0	40.842	3.25	0.0	46.515	3.337	0.0	40.821	3.766	0.0	45.908	3.114	0.0	42.251	3.108	0.0	43.827	3.056
153	4059	4060	SN	1	0.0	42.15	1.595	0.0	43.014	1.397	0.0	38.943	1.191	0.0	43.014	1.226	0.0	43.633	1.323	0.0	42.416	1.19	0.0	41.473	1.039	0.0	42.641	1.098
154	4059	4060	NS	1	0.0	50.219	4.418	0.0	46.012	4.014	0.0	46.139	3.105	0.0	38.135	3.291	0.0	50.749	3.875	0.0	45.937	3.289	0.0	45.403	2.677	0.0	37.798	2.813
155	4059	4060	NS	1	0.0	45.958	4.305	0.0	42.448	3.975	0.0	44.382	3.203	0.0	40.616	3.333	0.0	44.456	3.531	0.0	41.887	3.152	0.0	45.209	2.697	0.0	39.096	2.807
156	4059	4060	SN	1	0.0	42.15	1.578	0.0	43.014	1.399	0.0	38.943	1.172	0.0	43.014	1.222	0.0	43.633	1.31	0.0	42.416	1.193	0.0	41.473	1.027	0.0	42.641	1.098
157	4059	4060	SN	1	0.0	41.846	4.306	0.0	47.049	3.521	0.0	40.842	3.25	0.0	46.515	3.301	0.0	40.821	3.766	0.0	45.908	3.078	0.0	42.251	3.108	0.0	43.827	3.023
158	4059	4060	SN	1	0.0	42.15	1.58	0.0	43.014	1.384	0.0	38.943	1.172	0.0	43.014	1.209	0.0	43.633	1.312	0.0	42.416	1.18	0.0	41.473	1.027	0.0	42.641	1.086
159	4060	4061	SN	1	0.0	44.82	2.563	0.0	55.081	2.206	0.0	44.767	1.915	0.0	40.442	1.75	0.0	43.777	2.247	0.0	50.813	1.989	0.0	44.047	1.827	0.0	37.617	1.636
160	4060	4061	SN	1	0.0	50.242	2.564	0.0	45.098	2.128	0.0	47.129	1.892	0.0	39.962	1.739	0.0	46.314	2.188	0.0	43.178	1.924	0.0	46.438	1.782	0.0	38.869	1.585
161	4060	4061	SN	1	0.0	44.82	2.526	0.0	55.081	2.197	0.0	44.767	1.875	0.0	40.442	1.752	0.0	43.777	2.211	0.0	50.813	1.977	0.0	44.047	1.786	0.0	37.617	1.639
162	4060	4061	NS	1	0.0	48.573	1.878	0.0	56.925	1.784	0.0	39.312	1.101	0.0	41.573	1.069	0.0	47.158	1.718	0.0	54.734	1.651	0.0	39.037	1.032	0.0	41.694	0.958
163	4060	4061	NS	1	0.0	57.895	6.107	0.0	52.482	5.369	0.0	39.527	4.206	0.0	53.642	4.311	0.0	59.716	5.463	0.0	52.151	4.686	0.0	41.57	3.815	0.0	49.339	3.8
164	4060	4061	NS	1	0.0	53.305	6.067	0.0	50.916	5.45	0.0	43.952	4.214	0.0	44.868	4.368	0.0	55.127	5.433	0.0	50.588	4.727	0.0	42.138	3.815	0.0	43.529	3.814
165	4060	4061	SN	1	0.0	46.752	7.752	0.0	47.386	7.159	0.0	41.306	5.425	0.0	44.009	5.437	0.0	49.883	7.151	0.0	46.496	6.375	0.0	42.914	5.262	0.0	40.456	5.002
166	4060	4061	NS	1	0.0	47.445	1.885	0.0	56.925	1.804	0.0	42.408	1.073	0.0	43.93	1.075	0.0	44.984	1.729	0.0	54.732	1.669	0.0	41.379	0.986	0.0	43.57	0.958
167	4060	4061	SN	1	0.0	47.081	7.741	0.0	53.118	7.169	0.0	40.746	5.597	0.0	46.152	5.463	0.0	47.386	7.22	0.0	50.19	6.439	0.0	42.668	5.444	0.0	42.602	5.12
168	4060	4061	SN	1	0.0	47.081	7.663	0.0	53.118	7.109	0.0	40.746	5.49	0.0	46.152	5.419	0.0	47.386	7.122	0.0	50.19	6.387	0.0	42.668	5.327	0.0	42.602	5.066
169	4061	4062	SN	1	0.0	40.867	5.31	0.0	47.85	4.648	0.0	46.729	3.709	0.0	45.07	4.446	0.0	40.497	4.358	0.0	48.038	3.773	0.0	45.307	3.213	0.0	44.678	3.884
170	4061	4062	SN	1	0.0	39.772	1.938	0.0	48.84	1.675	0.0	42.877	1.404	0.0	39.804	1.531	0.0	38.406	1.474	0.0	45.401	1.368	0.0	42.817	1.158	0.0	39.429	1.207
171	4061	4062	NS	1	0.0	45.774	1.767	0.0	50.876	1.766	0.0	43.18	1.16	0.0	41.965	1.054	0.0	50.925	1.702	0.0	46.865	1.646	0.0	43.812	1.142	0.0	39.478	1.016
172	4061	4062	NS	1	0.0	53.05	5.825	0.0	51.634	5.5	0.0	49.23	4.306	0.0	44.858	4.326	0.0	53.949	5.604	0.0	52.409	5.239	0.0	46.971	4.199	0.0	47.22	4.148
173	4061	4062	SN	1	0.0	39.772	1.938	0.0	48.84	1.657	0.0	42.877	1.4	0.0	39.804	1.513	0.0	38.406	1.474	0.0	45.401	1.353	0.0	42.817	1.156	0.0	39.429	1.193
174	4061	4062	SN	1	0.0	39.772	1.959	0.0	48.84	1.692	0.0	42.877	1.431	0.0	39.804	1.547	0.0	38.406	1.495	0.0	45.401	1.381	0.0	42.817	1.184	0.0	39.429	1.218
175	4061	4062	SN	1	0.0	40.867	5.382	0.0	47.85	4.666	0.0	46.729	3.806	0.0	45.07	4.504	0.0	40.497	4.409	0.0	48.038	3.804	0.0	45.307	3.315	0.0	44.678	3.958

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

176	4061	4062	NS	1	0.0	48.172	1.832	0.0	47.098	1.792	0.0	38.553	1.198	0.0	41.534	1.186	0.0	49.732	1.733	0.0	44.116	1.715	0.0	39.091	1.174	0.0	43.112	1.083
177	4061	4062	NS	1	0.0	53.05	5.983	0.0	50.992	5.617	0.0	49.738	4.334	0.0	46.86	4.204	0.0	53.949	5.551	0.0	52.934	5.406	0.0	46.971	4.17	0.0	45.898	4.197
178	4061	4062	SN	1	0.133	40.867	5.308	0.0	47.85	4.595	0.0	46.729	3.709	0.0	45.07	4.396	0.38	40.497	4.357	0.0	48.038	3.731	0.0	45.307	3.212	0.0	44.678	3.841
179	4062	4063	SN	1	0.0	44.442	3.158	0.0	41.989	3.134	0.0	41.693	2.431	0.0	39.58	2.451	0.0	44.425	2.973	0.0	45.42	2.887	0.0	38.596	2.313	0.0	36.941	2.253
180	4062	4063	SN	1	0.0	47.295	10.177	0.0	50.494	9.472	0.0	42.543	6.993	0.0	42.996	7.046	0.0	49.1	9.797	0.0	50.918	8.959	0.0	42.463	6.738	0.0	41.586	6.761
181	4062	4063	NS	1	0.0	49.233	7.1	0.0	55.129	5.382	0.0	41.218	5.109	0.0	46.639	4.777	0.0	49.019	5.863	0.0	55.633	4.719	0.0	43.008	4.469	0.0	48.48	4.109
182	4062	4063	SN	1	0.0	44.442	3.061	0.0	41.989	3.057	0.0	41.693	2.328	0.0	39.58	2.396	0.0	44.425	2.869	0.0	45.42	2.805	0.0	38.596	2.216	0.0	36.941	2.191
183	4062	4063	NS	1	0.0	45.76	7.185	0.0	50.299	5.636	0.0	49.799	5.139	0.0	46.322	4.631	0.0	45.645	6.048	0.0	53.405	4.8	0.0	47.139	4.577	0.0	47.752	3.989
184	4062	4063	SN	1	0.0	47.295	10.178	0.0	50.494	9.579	0.0	42.543	6.993	0.0	42.996	7.125	0.0	49.1	9.798	0.0	50.918	9.06	0.0	42.463	6.738	0.0	41.586	6.837
185	4062	4063	NS	1	0.0	47.614	2.122	0.0	46.033	1.579	0.0	41.726	1.643	0.0	39.967	1.392	0.0	46.823	1.718	0.0	45.158	1.312	0.0	41.663	1.364	0.0	39.995	1.165
186	4062	4063	SN	1	0.0	44.442	3.061	0.0	41.989	3.024	0.0	41.693	2.328	0.0	39.58	2.371	0.0	44.425	2.869	0.0	45.42	2.775	0.0	38.596	2.216	0.0	36.941	2.168
187	4062	4063	NS	1	0.0	48.531	2.123	0.0	50.032	1.584	0.0	39.182	1.586	0.0	40.217	1.405	0.0	46.107	1.714	0.0	47.097	1.308	0.0	37.17	1.342	0.0	38.191	1.118
188	4062	4063	SN	1	0.0	47.295	10.403	0.0	50.494	9.66	0.0	42.543	7.303	0.0	42.996	7.227	0.0	49.1	10.035	0.0	50.918	9.206	0.0	42.463	7.065	0.0	41.586	7.003
189	4063	4064	SN	1	0.0	51.034	9.393	0.0	56.246	10.314	0.0	46.843	6.68	0.0	54.139	7.171	0.0	52.524	8.792	0.0	55.366	9.277	0.0	50.765	6.148	0.0	51.781	6.774
190	4063	4064	SN	1	0.0	51.034	9.392	0.0	56.246	10.198	0.0	46.843	6.68	0.0	54.139	7.092	0.0	52.524	8.781	0.0	55.366	9.162	0.0	50.765	6.148	0.0	51.781	6.7
191	4063	4064	SN	1	0.0	44.701	3.111	0.0	51.592	3.064	0.0	44.812	2.286	0.0	42.171	2.179	0.0	47.894	2.699	0.0	49.278	2.673	0.0	45.691	2.157	0.0	41.434	1.944
192	4063	4064	SN	1	0.0	51.034	9.356	0.0	56.246	10.094	0.0	46.843	6.81	0.0	54.139	6.998	0.0	52.524	8.711	0.0	55.366	9.018	0.0	50.765	6.279	0.0	51.781	6.576
193	4063	4064	NS	1	0.0	45.104	2.758	0.0	50.041	2.244	0.0	38.788	2.003	0.0	42.637	1.879	0.0	43.655	2.415	0.0	48.915	2.02	0.0	42.165	1.8	0.0	41.29	1.716
194	4063	4064	NS	1	0.0	53.061	7.733	0.0	53.328	6.288	0.0	46.172	6.468	0.0	47.909	5.695	0.0	51.54	6.807	0.0	51.546	5.727	0.0	44.846	6.205	0.0	51.219	5.404
195	4063	4064	SN	1	0.0	44.701	3.058	0.0	51.592	3.051	0.0	44.812	2.23	0.0	42.171	2.177	0.0	47.894	2.65	0.0	49.278	2.678	0.0	45.691	2.108	0.0	41.434	1.952
196	4063	4064	SN	1	0.0	44.701	3.058	0.0	51.592	3.083	0.0	44.812	2.23	0.0	42.171	2.202	0.0	47.894	2.65	0.0	49.278	2.708	0.0	45.691	2.108	0.0	41.434	1.974
197	4064	4065	NS	1	0.0	48.808	7.181	0.0	49.489	6.438	0.0	41.207	5.173	0.0	42.275	5.006	0.0	50.639	7.171	0.0	47.422	6.298	0.0	41.576	5.159	0.0	42.633	4.928
198	4064	4065	SN	1	0.0	46.775	6.478	0.0	53.186	6.989	0.0	46.136	5.234	0.0	48.054	5.866	0.0	48.076	5.978	0.0	53.365	6.255	0.0	45.592	4.631	0.0	49.961	5.375
199	4064	4065	NS	1	0.0	50.506	2.241	0.0	44.224	2.081	0.0	39.005	1.848	0.0	44.113	1.739	0.0	53.133	2.13	0.0	43.249	1.901	0.0	38.576	1.761	0.0	43.485	1.647
200	4064	4065	NS	1	0.0	46.436	2.252	0.0	46.837	2.023	0.0	38.514	1.761	0.0	47.776	1.718	0.0	44.359	2.159	0.0	50.59	1.84	0.0	38.264	1.722	0.0	48.917	1.617
201	4064	4065	SN	1	0.0	50.704	2.382	0.0	44.365	2.461	0.0	48.174	1.364	0.0	45.312	1.635	0.0	52.901	2.001	0.0	48.297	2.239	0.0	46.429	1.216	0.0	42.206	1.443
202	4064	4065	SN	1	0.0	46.775	6.479	0.0	53.186	7.069	0.0	46.136	5.234	0.0	48.054	5.924	0.0	48.076	5.978	0.0	53.365	6.326	0.0	45.592	4.631	0.0	49.961	5.427
203	4064	4065	SN	1	0.0	46.775	6.084	0.0	53.186	6.659	0.0	46.136	5.253	0.0	48.054	5.797	0.0	48.076	5.608	0.0	53.365	5.791	0.0	45.592	4.625	0.0	49.961	5.284
204	4064	4065	SN	1	0.0	50.704	2.38	0.0	44.365	2.431	0.0	48.174	1.364	0.0	45.312	1.619	0.0	52.901	2.001	0.0	48.297	2.207	0.0	46.429	1.214	0.0	42.206	1.425
205	4064	4065	SN	1	0.0	50.704	2.321	0.0	44.365	2.439	0.0	48.174	1.368	0.0	43.808	1.6	0.0	52.901	1.947	0.0	48.297	2.211	0.0	46.429	1.211	0.0	40.094	1.411
206	4064	4065	NS	1	0.0	48.808	7.157	0.0	47.241	6.762	0.0	45.319	4.967	0.0	45.095	5.135	0.0	50.639	7.218	0.0	47.474	6.38	0.0	45.746	5.052	0.0	43.485	4.993
207	4065	4066	SN	1	0.0	47.774	1.674	0.0	43.079	1.657	0.0	38.799	1.205	0.0	40.12	1.213	0.0	46.851	1.539	0.0	41.426	1.528	0.0	36.551	1.101	0.0	37.691	1.085
208	4065	4066	NS	1	0.0	47.17	8.608	0.0	50.476	6.75	0.0	47.674	5.316	0.0	41.152	5.866	0.0	49.831	7.874	0.0	53.247	6.068	0.0	47.173	5.102	0.0	45.111	5.17
209	4065	4066	SN	1	0.0	48.65	5.107	0.0	46.528	5.157	0.0	45.356	3.851	0.0	45.983	4.17	0.0	47.674	4.696	0.0	47.462	4.715	0.0	42.749	3.49	0.0	47.412	3.756
210	4065	4066	NS	1	0.0	49.199	2.44	0.0	53.452	1.973	0.0	40.59	1.651	0.0	45.947	1.663	0.0	47.415	2.056	0.0	54.48	1.623	0.0	39.392	1.532	0.0	45.016	1.4
211	4066	4067	NS	1	0.0	53.673	7.098	0.0	49.598	6.39	0.0	46.334	4.895	0.0	46.333	4.688	0.0	55.025	6.394	0.0	52.833	6.029	0.0	50.148	4.262	0.0	43.655	4.361

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

212	4066	4067	SN	1	0.0	45.753	6.709	0.0	55.543	6.133	0.0	45.326	4.667	0.0	46.941	4.818	0.0	46.65	6.529	0.0	53.931	5.59	0.0	48.546	4.341	0.0	45.707	4.44
213	4066	4067	NS	1	0.0	45.446	2.078	0.0	46.065	1.924	0.0	44.871	1.415	0.0	41.011	1.443	0.0	44.372	1.847	0.0	48.351	1.646	0.0	43.315	1.241	0.0	44.048	1.246
214	4066	4067	SN	1	0.0	43.375	2.166	0.0	49.776	2.012	0.0	38.89	1.395	0.0	41.552	1.441	0.0	42.694	1.997	0.0	47.063	1.877	0.0	40.041	1.281	0.0	41.194	1.286
215	4067	4068	SN	1	0.0	48.252	1.968	0.0	52.601	1.646	0.0	43.361	1.158	0.0	41.593	1.115	0.0	50.896	1.715	0.0	50.354	1.476	0.0	38.871	1.066	0.0	40.534	1.012
216	4067	4068	NS	1	0.0	53.607	1.624	0.0	42.843	1.379	0.0	40.739	1.138	0.0	39.577	1.096	0.0	50.503	1.231	0.0	43.717	1.131	0.0	39.248	0.932	0.0	37.057	0.899
217	4067	4068	SN	1	0.0	50.152	1.999	0.0	48.491	1.625	0.0	38.582	1.167	0.0	43.396	1.126	0.0	47.247	1.713	0.0	45.33	1.435	0.0	35.674	1.074	0.0	44.636	1.014
218	4067	4068	SN	1	0.0	48.403	6.593	0.0	56.868	5.664	0.0	49.523	4.179	0.0	46.237	4.144	0.0	49.004	6.062	0.0	57.075	5.463	0.0	48.47	3.845	0.0	44.867	3.851
219	4067	4068	SN	1	0.0	49.159	6.603	0.0	55.613	5.704	0.0	46.755	4.136	0.0	48.421	4.151	0.0	49.072	6.001	0.0	57.528	5.513	0.0	44.589	3.732	0.0	49.208	3.808
220	4067	4068	NS	1	0.0	51.566	4.464	0.0	48.542	3.862	0.0	44.015	3.657	0.0	46.599	3.402	0.0	50.105	3.891	0.0	53.396	3.501	0.0	43.275	3.145	0.0	44.747	2.962
221	4068	4069	NS	1	0.0	45.835	2.484	0.0	44.223	1.899	0.0	39.575	1.661	0.0	38.124	1.35	0.0	46.875	2.01	0.0	44.484	1.592	0.0	38.327	1.47	0.0	36.834	1.148
222	4068	4069	NS	1	0.0	49.815	6.604	0.0	49.193	5.59	0.0	40.389	5.052	0.0	42.077	4.483	0.0	49.454	5.499	0.0	49.124	4.777	0.0	40.521	4.618	0.0	44.0	3.979
223	4068	4069	SN	1	0.0	54.56	7.089	0.0	53.947	7.09	0.0	44.36	5.029	0.0	43.361	5.268	0.0	54.512	6.579	0.0	56.907	6.748	0.0	44.966	4.844	0.0	44.311	4.94
224	4068	4069	NS	1	0.0	46.223	2.442	0.0	45.106	1.929	0.0	40.799	1.699	0.0	39.883	1.36	0.0	45.498	1.985	0.0	42.524	1.581	0.0	38.492	1.489	0.0	40.288	1.139
225	4068	4069	SN	1	0.0	52.79	7.129	0.0	48.854	7.11	0.0	47.578	4.972	0.0	45.782	5.204	0.0	54.761	6.619	0.0	49.059	6.788	0.0	45.38	4.858	0.0	41.916	4.933
226	4068	4069	SN	1	0.0	51.264	1.953	0.0	52.991	2.074	0.0	45.746	1.431	0.0	46.119	1.644	0.0	52.059	1.787	0.0	53.284	1.956	0.0	41.803	1.315	0.0	42.927	1.5
227	4068	4069	SN	1	0.0	52.275	1.992	0.0	52.545	2.038	0.0	41.738	1.479	0.0	40.615	1.624	0.0	53.829	1.796	0.0	52.839	1.959	0.0	38.364	1.339	0.0	41.568	1.532
228	4068	4069	NS	1	0.0	47.872	6.594	0.0	49.75	5.57	0.0	42.666	5.023	0.0	44.36	4.575	0.0	47.516	5.549	0.0	49.69	4.777	0.0	42.799	4.603	0.0	45.332	3.943
229	4069	4070	SN	1	0.0	43.09	7.039	0.0	51.993	5.973	0.0	44.623	5.504	0.0	46.908	6.066	0.0	42.084	6.478	0.0	54.148	5.199	0.0	44.539	5.234	0.0	44.602	5.525
230	4069	4070	SN	1	0.0	45.324	7.149	0.0	48.825	5.963	0.0	45.047	5.426	0.0	44.747	5.988	0.0	41.382	6.549	0.0	49.901	5.289	0.0	44.955	5.277	0.0	42.443	5.503
231	4069	4070	NS	1	0.0	46.767	3.18	0.0	42.386	2.719	0.0	36.517	2.291	0.0	38.737	2.348	0.0	42.892	2.92	0.0	40.905	2.554	0.0	39.927	2.133	0.0	37.135	2.066
232	4069	4070	NS	1	0.0	48.811	8.852	0.0	51.8	7.878	0.0	44.977	6.639	0.0	45.211	6.87	0.0	44.759	8.159	0.0	50.86	7.205	0.0	42.223	6.447	0.0	47.725	6.551
233	4069	4070	NS	1	0.0	45.737	3.161	0.0	43.562	2.778	0.0	38.851	2.305	0.0	40.686	2.376	0.0	42.421	2.93	0.0	42.084	2.6	0.0	40.41	2.13	0.0	42.319	2.115
234	4069	4070	SN	1	0.0	45.705	2.512	0.0	46.555	2.035	0.0	44.015	1.966	0.0	45.397	2.046	0.0	48.385	2.163	0.0	42.811	1.766	0.0	45.134	1.771	0.0	43.629	1.776
235	4069	4070	NS	1	0.0	45.737	3.124	0.0	43.562	2.746	0.0	38.851	2.277	0.0	40.686	2.348	0.0	42.421	2.895	0.0	42.084	2.57	0.0	40.41	2.105	0.0	42.319	2.091
236	4069	4070	NS	1	0.0	49.857	8.758	0.0	47.674	7.952	0.0	43.409	6.714	0.0	44.67	6.923	0.0	47.351	8.127	0.0	47.547	7.25	0.0	45.113	6.397	0.0	47.182	6.743
237	4069	4070	SN	1	0.0	43.291	2.582	0.0	48.24	2.031	0.0	39.04	1.939	0.0	41.6	2.037	0.0	40.953	2.26	0.0	44.23	1.709	0.0	40.83	1.737	0.0	41.463	1.761
238	4069	4070	NS	1	0.0	49.857	8.652	0.0	47.674	7.848	0.0	43.409	6.632	0.0	44.67	6.835	0.0	47.351	8.029	0.0	47.547	7.156	0.0	45.113	6.318	0.0	47.182	6.657
239	4070	4071	NS	1	0.0	0.0	0.0	0.0	8.392	0.0	100000.0	-100000.0	0.0	0.0	8.159	0.0	0.0	0.0	0.0	0.0	6.519	0.0	100000.0	-100000.0	0.0	0.0	5.859	0.0
240	4070	4071	NS	1	0.0	0.0	0.0	0.0	7.749	0.0	100000.0	-100000.0	0.0	0.0	4.076	0.0	0.0	0.0	0.0	0.0	5.713	0.0	100000.0	-100000.0	0.0	0.0	4.972	0.0
241	4070	4071	SN	1	0.0	48.174	5.444	0.0	46.142	5.222	0.0	40.043	4.282	0.0	46.961	4.478	0.0	47.857	5.154	0.0	45.611	4.921	0.0	40.275	4.034	0.0	43.591	3.944
242	4070	4071	SN	1	0.0	46.419	1.727	0.0	43.758	1.729	0.0	36.537	1.36	0.0	48.562	1.407	0.0	42.811	1.52	0.0	45.87	1.464	0.0	36.337	1.213	0.0	44.446	1.233
243	4070	4071	SN	1	0.0	43.851	1.714	0.0	43.758	1.722	0.0	36.254	1.387	0.0	48.562	1.442	0.0	42.199	1.488	0.0	45.87	1.457	0.0	36.337	1.232	0.0	44.446	1.259
244	4070	4071	SN	1	0.0	48.174	5.454	0.0	45.296	5.272	0.0	40.043	4.325	0.0	46.961	4.505	0.0	47.857	5.154	0.0	45.611	5.028	0.0	40.275	4.028	0.0	43.591	4.022
245	4070	4071	SN	1	0.0	48.174	5.089	0.0	44.329	5.092	0.0	34.743	4.232	0.0	46.961	4.586	0.0	47.857	4.703	0.0	43.209	4.814	0.0	35.667	3.934	0.0	43.591	4.082
246	4070	4071	SN	1	0.0	42.997	1.662	0.0	38.517	1.719	0.0	37.34	1.39	0.0	48.562	1.422	0.0	42.199	1.509	0.0	38.284	1.461	0.0	36.106	1.22	0.0	47.956	1.246
247	4070	4071	NS	1	0.0	0.0	0.0	0.0	5.432	0.0	100000.0	-100000.0	0.0	0.0	4.178	0.0	0.0	0.0	0.0	0.0	5.351	0.0	100000.0	-100000.0	0.0	0.0	4.818	0.0

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		



248	4070	4071	NS	1	0.0	0.0	0.0	0.0	8.405	0.0	100000.0	-100000.0	0.0	0.0	8.218	0.0	0.0	0.0	0.0	6.521	0.0	100000.0	-100000.0	0.0	0.0	5.86	0.0	
249	4070	4071	NS	1	0.0	0.0	0.0	0.0	5.432	0.0	100000.0	-100000.0	0.0	0.0	4.178	0.0	0.0	0.0	0.0	5.351	0.0	100000.0	-100000.0	0.0	0.0	4.818	0.0	
250	4070	4071	NS	1	0.0	0.0	0.0	0.0	8.392	0.0	100000.0	-100000.0	0.0	0.0	8.159	0.0	0.0	0.0	0.0	6.519	0.0	100000.0	-100000.0	0.0	0.0	5.859	0.0	
251	4071	4072	NS	1	0.0	51.743	13.173	0.0	55.019	12.433	0.0	45.848	9.078	0.0	46.105	8.868	0.0	51.488	12.851	0.0	55.14	11.94	0.0	46.699	9.135	0.0	46.631	8.704
252	4071	4072	NS	1	0.0	54.481	4.351	0.0	49.71	3.8	0.0	40.25	2.652	0.0	46.347	2.761	0.0	52.682	4.204	0.0	49.511	3.667	0.0	40.657	2.643	0.0	42.94	2.508
253	4071	4072	NS	1	0.0	54.742	13.113	0.0	54.12	12.414	0.0	48.0	9.042	0.0	48.228	9.046	0.0	54.488	12.871	0.0	55.389	12.052	0.0	51.604	9.163	0.0	47.39	8.818
254	4071	4072	NS	1	0.0	50.585	4.439	0.0	50.584	3.755	0.0	40.508	2.679	0.0	46.368	2.74	0.0	48.432	4.263	0.0	48.058	3.654	0.0	40.152	2.679	0.0	44.16	2.504

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	4042	4043	SN	1	0.0	25.81	8.958	0.0	26.847	9.023	0.0	174.428	2.812	0.0	72.853	3.185	0.0	1.867	0.0	0.0	1.924	0.0	0.0	2.041	0.0	0.0	2.07	0.0
2	4042	4043	SN	1	0.0	25.81	8.962	0.0	26.847	8.774	0.0	174.428	2.846	0.0	13.065	2.86	0.0	1.867	0.0	0.0	1.924	0.0	0.0	2.041	0.0	0.0	2.07	0.0
3	4042	4043	SN	1	0.0	31.116	15.395	0.0	26.494	15.278	0.0	169.73	11.375	0.0	81.39	12.129	0.0	1.869	0.0	0.0	1.934	0.0	0.0	2.044	0.0	0.0	2.099	0.0
4	4042	4043	SN	1	0.0	25.81	8.978	0.0	26.847	8.957	0.0	175.074	2.833	0.0	72.853	3.149	0.0	1.867	0.0	0.0	1.924	0.0	0.0	2.041	0.0	0.0	2.07	0.0
5	4042	4043	SN	1	0.0	34.033	15.434	0.0	26.494	15.224	0.0	170.176	11.354	0.0	81.39	12.026	0.0	1.868	0.0	0.0	1.955	0.0	0.0	2.043	0.0	0.0	2.099	0.0
6	4042	4043	SN	1	0.0	34.033	15.39	0.0	25.766	14.451	0.0	169.73	11.536	0.0	14.659	10.917	0.0	1.869	0.0	0.0	1.934	0.0	0.0	2.044	0.0	0.0	2.099	0.0
7	4043	4044	SN	1	0.0	34.099	15.407	0.0	27.106	15.224	0.0	167.788	11.439	0.0	83.26	11.962	0.0	1.868	0.0	0.0	1.957	0.0	0.0	2.043	0.0	0.0	2.105	0.0
8	4043	4044	NS	1	0.0	26.737	9.166	0.0	25.86	9.34	0.0	349.577	3.676	0.0	71.75	3.267	0.0	1.916	0.0	0.0	1.881	0.0	0.0	2.073	0.0	0.0	2.047	0.0
9	4043	4044	NS	1	0.0	25.932	14.299	0.0	33.774	15.302	0.0	350.58	12.232	0.0	78.175	12.172	0.0	1.926	0.0	0.0	1.891	0.0	0.0	2.078	0.0	0.0	2.047	0.0
10	4043	4044	SN	1	0.0	25.805	8.976	0.0	26.853	9.023	0.0	171.434	2.808	0.0	74.706	3.208	0.0	1.867	0.0	0.0	1.933	0.0	0.0	2.042	0.0	0.0	2.078	0.0
11	4043	4044	SN	1	0.0	31.231	15.378	0.0	27.106	15.246	0.0	167.788	11.439	0.0	83.26	12.057	0.0	1.868	0.0	0.0	1.957	0.0	0.0	2.043	0.0	0.0	2.105	0.0
12	4043	4044	SN	1	0.0	25.805	8.981	0.0	26.853	8.952	0.0	171.434	2.808	0.0	74.706	3.172	0.0	1.867	0.0	0.0	1.933	0.0	0.0	2.042	0.0	0.0	2.078	0.0
13	4043	4044	SN	1	0.0	34.099	15.396	0.0	25.948	14.92	0.0	167.788	11.543	0.0	20.075	11.542	0.0	1.868	0.0	0.0	1.957	0.0	0.0	2.043	0.0	0.0	2.105	0.0
14	4043	4044	SN	1	0.0	25.805	8.974	0.0	26.853	8.89	0.0	171.434	2.832	0.0	14.979	3.022	0.0	1.867	0.0	0.0	1.933	0.0	0.0	2.042	0.0	0.0	2.078	0.0
15	4044	4045	NS	1	0.0	25.937	14.312	0.0	38.969	15.456	0.0	137.872	12.207	0.0	79.069	12.185	0.0	1.93	0.0	0.0	1.883	0.0	0.0	2.08	0.0	0.0	2.046	0.0
16	4044	4045	SN	1	0.0	15.034	5.0	0.0	11.548	1.408	100000.0	-100000.0	0.0	0.0	9.199	0.0	0.0	1.553	0.0	0.0	1.774	0.0	100000.0	-100000.0	0.0	0.0	1.935	0.0
17	4044	4045	SN	1	0.0	31.138	15.55	0.0	27.194	15.249	0.0	163.343	11.405	0.0	37.888	11.994	0.0	1.878	0.0	0.0	1.939	0.0	0.0	2.045	0.0	0.0	2.103	0.0
18	4044	4045	NS	1	0.0	26.687	9.141	0.0	25.849	9.33	0.0	353.145	3.665	0.0	68.529	3.247	0.0	1.915	0.0	0.0	1.881	0.0	0.0	2.075	0.0	0.0	2.047	0.0
19	4044	4045	NS	1	0.0	26.742	9.144	0.0	25.849	9.32	0.0	350.101	3.67	0.0	72.781	3.253	0.0	1.915	0.0	0.0	1.88	0.0	0.0	2.075	0.0	0.0	2.046	0.0
20	4044	4045	SN	1	0.0	34.176	15.589	0.0	25.954	15.063	0.0	163.343	11.484	0.0	22.623	11.626	0.0	1.878	0.0	0.0	1.939	0.0	0.0	2.045	0.0	0.0	2.103	0.0
21	4044	4045	NS	1	0.0	25.937	14.32	0.0	33.68	15.317	0.0	350.878	12.132	0.0	148.282	12.172	0.0	1.935	0.0	0.0	1.885	0.0	0.0	2.08	0.0	0.0	2.046	0.0
22	4044	4045	SN	1	0.0	25.832	8.926	0.0	26.858	9.032	0.0	160.9	2.864	0.0	75.71	3.228	0.0	1.876	0.0	0.0	1.93	0.0	0.0	2.041	0.0	0.0	2.085	0.0
23	4044	4045	SN	1	0.0	25.832	8.929	0.0	26.858	8.92	0.0	160.9	2.881	0.0	14.449	3.089	0.0	1.876	0.0	0.0	1.93	0.0	0.0	2.041	0.0	0.0	2.085	0.0
24	4044	4045	SN	1	0.0	33.244	68.182	0.0	19.457	7.303	100000.0	-100000.0	0.0	0.0	10.765	1.304	0.0	1.746	0.0	0.0	1.776	0.0	100000.0	-100000.0	0.0	0.0	1.94	0.0
25	4045	4046	NS	1	0.0	25.937	14.3	0.0	33.774	15.434	0.0	351.154	12.168	0.0	80.127	12.163	0.0	1.918	0.0	0.0	1.884	0.0	0.0	2.079	0.0	0.0	2.047	0.0
26	4045	4046	NS	1	0.0	25.937	14.3	0.0	33.774	15.434	0.0	351.154	12.168	0.0	80.127	12.163	0.0	1.918	0.0	0.0	1.884	0.0	0.0	2.079	0.0	0.0	2.047	0.0
27	4045	4046	NS	1	0.0	26.698	9.132	0.0	25.832	9.285	0.0	353.332	3.654	0.0	69.368	3.233	0.0	1.916	0.0	0.0	1.879	0.0	0.0	2.074	0.0	0.0	2.046	0.0
28	4045	4046	NS	1	0.0	26.698	9.132	0.0	25.832	9.285	0.0	353.332	3.654	0.0	69.368	3.233	0.0	1.916	0.0	0.0	1.879	0.0	0.0	2.074	0.0	0.0	2.046	0.0
29	4045	4046	SN	1	0.0	34.182	15.417	0.0	25.943	14.969	0.0	157.718	11.585	0.0	20.13	11.428	0.0	1.87	0.0	0.0	1.933	0.0	0.0	2.046	0.0	0.0	2.104	0.0
30	4045	4046	SN	1	0.0	25.816	9.008	0.0	26.853	8.939	0.0	185.883	2.897	0.0	14.378	3.056	0.0	1.868	0.0	0.0	1.933	0.0	0.0	2.044	0.0	0.0	2.096	0.0
31	4045	4046	SN	1	0.0	31.132	15.384	0.0	27.161	15.274	0.0	157.718	11.473	0.0	73.725	11.981	0.0	1.87	0.0	0.0	1.933	0.0	0.0	2.046	0.0	0.0	2.104	0.0

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

32	4045	4046	SN	1	0.0	25.816	9.003	0.0	26.853	9.067	0.0	185.883	2.869	0.0	68.48	3.229	0.0	1.868	0.0	0.0	1.933	0.0	0.0	2.044	0.0	0.0	2.096	0.0
33	4045	4046	SN	1	0.0	34.182	15.402	0.0	27.161	15.231	0.0	157.718	11.473	0.0	73.725	11.879	0.0	1.87	0.0	0.0	1.933	0.0	0.0	2.046	0.0	0.0	2.104	0.0
34	4045	4046	SN	1	0.0	25.816	9.007	0.0	26.853	8.998	0.0	185.883	2.869	0.0	68.48	3.193	0.0	1.868	0.0	0.0	1.933	0.0	0.0	2.044	0.0	0.0	2.096	0.0
35	4046	4047	SN	1	0.0	34.061	15.325	0.0	27.156	15.21	0.0	167.358	11.451	0.0	80.067	11.907	0.0	1.87	0.0	0.0	1.926	0.0	0.0	2.042	0.0	0.0	2.101	0.0
36	4046	4047	NS	1	0.0	26.698	9.138	0.0	25.843	9.28	0.0	348.104	3.657	0.0	70.708	3.233	0.0	1.921	0.0	0.0	1.88	0.0	0.0	2.073	0.0	0.0	2.047	0.0
37	4046	4047	SN	1	0.0	25.816	9.025	0.0	26.842	8.897	0.0	190.433	2.903	0.0	13.964	3.014	0.0	1.868	0.0	0.0	1.931	0.0	0.0	2.041	0.0	0.0	2.076	0.0
38	4046	4047	NS	1	0.0	26.698	9.128	0.0	25.843	9.3	0.0	353.47	3.655	0.0	65.943	3.245	0.0	1.915	0.0	0.0	1.88	0.0	0.0	2.073	0.0	0.0	2.047	0.0
39	4046	4047	SN	1	0.0	34.061	15.305	0.0	25.937	14.781	0.0	167.358	11.579	0.0	17.687	11.233	0.0	1.87	0.0	0.0	1.926	0.0	0.0	2.042	0.0	0.0	2.101	0.0
40	4046	4047	NS	1	0.0	25.943	14.289	0.0	33.713	15.364	0.0	351.319	12.181	0.0	81.429	12.141	0.0	1.926	0.0	0.0	1.885	0.0	0.0	2.078	0.0	0.0	2.047	0.0
41	4046	4047	SN	1	0.0	25.816	9.028	0.0	26.842	8.988	0.0	190.433	2.865	0.0	69.362	3.209	0.0	1.868	0.0	0.0	1.931	0.0	0.0	2.041	0.0	0.0	2.076	0.0
42	4046	4047	NS	1	0.0	25.932	14.365	0.0	33.823	15.4	0.0	353.47	12.149	0.0	75.302	12.089	0.0	1.929	0.0	0.0	1.884	0.0	0.0	2.078	0.0	0.0	2.045	0.0
43	4046	4047	SN	1	0.0	25.816	9.023	0.0	26.842	9.057	0.0	190.433	2.865	0.0	69.362	3.245	0.0	1.868	0.0	0.0	1.931	0.0	0.0	2.041	0.0	0.0	2.076	0.0
44	4046	4047	SN	1	0.0	31.105	15.307	0.0	27.156	15.252	0.0	167.358	11.444	0.0	80.067	12.009	0.0	1.87	0.0	0.0	1.926	0.0	0.0	2.042	0.0	0.0	2.101	0.0
45	4047	4048	NS	1	0.0	26.698	9.169	0.0	25.843	9.3	0.0	348.81	3.645	0.0	71.811	3.233	0.0	1.915	0.0	0.0	1.879	0.0	0.0	2.075	0.0	0.0	2.046	0.0
46	4047	4048	SN	1	0.0	34.16	15.265	0.0	25.943	14.596	0.0	194.619	11.631	0.0	14.935	10.96	0.0	1.872	0.0	0.0	1.932	0.0	0.0	2.045	0.0	0.0	2.105	0.0
47	4047	4048	SN	1	0.0	31.066	15.263	0.0	27.156	15.232	0.0	194.619	11.488	0.0	90.523	11.966	0.0	1.872	0.0	0.0	1.932	0.0	0.0	2.045	0.0	0.0	2.105	0.0
48	4047	4048	NS	1	0.0	25.932	14.317	0.0	33.73	15.344	0.0	351.656	12.217	0.0	83.447	12.126	0.0	1.929	0.0	0.0	1.886	0.0	0.0	2.077	0.0	0.0	2.047	0.0
49	4047	4048	NS	1	0.0	25.932	14.317	0.0	33.73	15.344	0.0	351.656	12.217	0.0	83.447	12.126	0.0	1.929	0.0	0.0	1.886	0.0	0.0	2.077	0.0	0.0	2.047	0.0
50	4047	4048	SN	1	0.0	25.832	9.027	0.0	26.842	9.077	0.0	188.784	2.862	0.0	75.445	3.211	0.0	1.867	0.0	0.0	1.932	0.0	0.0	2.041	0.0	0.0	2.08	0.0
51	4047	4048	SN	1	0.0	34.16	15.281	0.0	27.156	15.188	0.0	194.619	11.488	0.0	90.496	11.865	0.0	1.872	0.0	0.0	1.932	0.0	0.0	2.045	0.0	0.0	2.105	0.0
52	4047	4048	SN	1	0.0	25.832	9.029	0.0	26.842	8.858	0.0	188.784	2.902	0.0	13.192	2.947	0.0	1.867	0.0	0.0	1.932	0.0	0.0	2.041	0.0	0.0	2.08	0.0
53	4047	4048	SN	1	0.0	25.832	9.03	0.0	26.842	9.008	0.0	188.784	2.862	0.0	75.429	3.177	0.0	1.867	0.0	0.0	1.932	0.0	0.0	2.041	0.0	0.0	2.08	0.0
54	4047	4048	NS	1	0.0	26.698	9.169	0.0	25.843	9.3	0.0	348.81	3.645	0.0	71.811	3.233	0.0	1.915	0.0	0.0	1.879	0.0	0.0	2.075	0.0	0.0	2.046	0.0
55	4048	4049	NS	1	0.0	26.687	9.119	0.0	25.849	9.324	0.0	353.757	3.655	0.0	68.143	3.246	0.0	1.915	0.0	0.0	1.878	0.0	0.0	2.074	0.0	0.0	2.046	0.0
56	4048	4049	SN	1	0.0	31.954	15.264	0.0	26.45	15.291	0.0	208.426	11.398	0.0	73.096	12.017	0.0	1.87	0.0	0.0	1.925	0.0	0.0	2.042	0.0	0.0	2.104	0.0
57	4048	4049	NS	1	0.0	25.932	14.368	0.0	33.774	15.36	0.0	352.025	12.157	0.0	78.407	12.052	0.0	1.922	0.0	0.0	1.883	0.0	0.0	2.078	0.0	0.0	2.047	0.0
58	4048	4049	NS	1	0.0	26.687	9.121	0.0	25.849	9.324	0.0	353.757	3.657	0.0	68.132	3.25	0.0	1.921	0.0	0.0	1.878	0.0	0.0	2.074	0.0	0.0	2.046	0.0
59	4048	4049	SN	1	0.822	34.248	15.281	0.0	26.45	15.261	0.0	208.36	11.381	0.0	84.371	11.921	0.001	1.871	0.0	0.0	1.925	0.0	0.0	2.042	0.0	0.0	2.104	0.0
60	4048	4049	SN	1	0.0	25.816	9.01	0.0	26.842	9.024	0.0	265.834	2.863	0.0	60.841	3.189	0.0	1.867	0.0	0.0	1.93	0.0	0.0	2.039	0.0	0.0	2.09	0.0
61	4048	4049	SN	1	0.0	25.816	9.02	0.0	26.842	9.089	0.0	265.768	2.863	0.0	63.075	3.214	0.0	1.867	0.0	0.0	1.931	0.0	0.0	2.039	0.0	0.0	2.09	0.0
62	4048	4049	SN	1	0.0	34.248	15.273	0.0	25.761	14.455	0.0	208.426	11.574	0.0	14.664	10.791	0.0	1.87	0.0	0.0	1.925	0.0	0.0	2.042	0.0	0.0	2.104	0.0
63	4048	4049	NS	1	0.0	25.932	14.368	0.0	33.774	15.34	0.0	352.025	12.157	0.0	78.434	12.059	0.0	1.922	0.0	0.0	1.883	0.0	0.0	2.078	0.0	0.0	2.047	0.0
64	4048	4049	SN	1	0.0	25.816	9.027	0.0	26.842	8.825	0.0	265.768	2.901	0.0	13.065	2.897	0.0	1.867	0.0	0.0	1.931	0.0	0.0	2.039	0.0	0.0	2.09	0.0
65	4049	4050	SN	1	0.0	34.121	15.416	0.0	25.568	14.348	0.0	239.158	11.624	0.0	14.67	10.662	0.0	1.869	0.0	0.0	1.933	0.0	0.0	2.042	0.0	0.0	2.103	0.0
66	4049	4050	SN	1	0.0	25.816	9.039	0.0	26.842	8.766	0.0	181.173	2.906	0.0	13.065	2.853	0.0	1.867	0.0	0.0	1.931	0.0	0.0	2.039	0.0	0.0	2.072	0.0
67	4049	4050	SN	1	0.0	25.816	8.996	0.0	26.842	9.066	0.0	181.173	2.861	0.0	49.574	3.207	0.0	1.867	0.0	0.0	1.931	0.0	0.0	2.039	0.0	0.0	2.072	0.0
68	4049	4050	SN	1	0.0	25.816	9.003	0.0	26.842	8.999	0.0	181.432	2.856	0.0	56.915	3.173	0.0	1.867	0.0	0.0	1.931	0.0	0.0	2.039	0.0	0.0	2.071	0.0

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

69	4049	4050	NS	1	0.0	26.687	9.117	0.0	25.849	9.322	0.0	351.606	3.655	0.0	75.715	3.244	0.0	1.916	0.0	0.0	1.879	0.0	0.0	2.076	0.0	0.0	2.046	0.0
70	4049	4050	NS	1	0.0	25.937	14.378	0.0	33.763	15.35	0.0	353.878	12.199	0.0	88.251	12.123	0.0	1.922	0.0	0.0	1.884	0.0	0.0	2.081	0.0	0.0	2.047	0.0
71	4049	4050	SN	1	0.0	34.121	15.358	0.0	26.45	15.222	0.0	239.23	11.454	0.0	86.563	11.983	0.0	1.869	0.0	0.0	1.942	0.0	0.0	2.042	0.0	0.0	2.103	0.0
72	4049	4050	NS	1	0.0	25.932	14.358	0.0	33.757	15.33	0.0	353.873	12.199	0.0	88.168	12.123	0.0	1.924	0.0	0.0	1.883	0.0	0.0	2.081	0.0	0.0	2.048	0.0
73	4049	4050	SN	1	0.0	31.436	15.343	0.0	26.45	15.25	0.0	239.158	11.464	0.0	100.062	12.103	0.0	1.869	0.0	0.0	1.933	0.0	0.0	2.042	0.0	0.0	2.103	0.0
74	4049	4050	NS	1	0.0	26.687	9.126	0.0	25.849	9.315	0.0	351.617	3.653	0.0	75.787	3.251	0.0	1.923	0.0	0.0	1.879	0.0	0.0	2.076	0.0	0.0	2.046	0.0
75	4050	4051	NS	1	0.0	25.932	14.369	0.0	33.79	15.358	0.0	356.956	12.135	0.0	90.457	12.115	0.0	1.93	0.0	0.0	1.888	0.0	0.0	2.078	0.0	0.0	2.046	0.0
76	4050	4051	NS	1	0.0	25.937	14.317	0.0	33.79	15.338	0.0	356.961	12.142	0.0	90.347	12.122	0.0	1.931	0.0	0.0	1.887	0.0	0.0	2.078	0.0	0.0	2.047	0.0
77	4050	4051	NS	1	0.0	26.72	9.119	0.0	25.843	9.299	0.0	347.492	3.661	0.0	80.839	3.246	0.0	1.916	0.0	0.0	1.875	0.0	0.0	2.075	0.0	0.0	2.046	0.0
78	4050	4051	NS	1	0.0	26.72	9.131	0.0	25.843	9.292	0.0	347.503	3.664	0.0	80.9	3.248	0.0	1.921	0.0	0.0	1.876	0.0	0.0	2.075	0.0	0.0	2.046	0.0
79	4050	4051	SN	1	0.0	34.221	15.486	0.0	27.15	15.27	0.0	167.182	11.408	0.0	49.53	11.883	0.0	1.868	0.0	0.0	1.953	0.0	0.0	2.04	0.0	0.0	2.1	0.0
80	4050	4051	SN	1	0.0	34.221	15.476	0.0	27.15	15.28	0.0	167.507	11.415	0.0	49.519	11.898	0.0	1.868	0.0	0.0	1.952	0.0	0.0	2.04	0.0	0.0	2.1	0.0
81	4050	4051	SN	1	0.0	25.81	8.987	0.0	26.847	8.98	0.0	169.399	2.838	0.0	68.706	3.139	0.0	1.868	0.0	0.0	1.929	0.0	0.0	2.039	0.0	0.0	2.08	0.0
82	4050	4051	SN	1	0.0	25.81	8.989	0.0	26.847	8.979	0.0	169.763	2.829	0.0	68.667	3.153	0.0	1.867	0.0	0.0	1.926	0.0	0.0	2.039	0.0	0.0	2.08	0.0
83	4051	4052	NS	1	0.0	26.731	9.131	0.0	25.843	9.304	0.0	317.705	3.649	0.0	46.32	3.226	0.0	1.915	0.0	0.0	1.876	0.0	0.0	2.074	0.0	0.0	2.046	0.0
84	4051	4052	NS	1	0.0	25.943	14.31	0.0	33.796	15.284	0.0	352.819	12.153	0.0	129.492	12.084	0.0	1.933	0.0	0.0	1.882	0.0	0.0	2.078	0.0	0.0	2.046	0.0
85	4051	4052	SN	1	0.0	25.816	8.927	0.0	26.853	8.952	0.0	165.742	2.753	0.0	71.949	3.193	0.0	1.883	0.0	0.0	1.942	0.0	0.0	2.053	0.0	0.0	2.095	0.0
86	4051	4052	NS	1	0.0	26.731	9.126	0.0	25.843	9.306	0.0	317.766	3.652	0.0	46.343	3.222	0.0	1.917	0.0	0.0	1.877	0.0	0.0	2.074	0.0	0.0	2.046	0.0
87	4051	4052	SN	1	0.0	34.193	15.325	0.0	27.222	15.219	0.0	173.645	11.352	0.0	53.997	11.872	0.0	1.886	0.0	0.0	1.943	0.0	0.0	2.057	0.0	0.0	2.112	0.0
88	4051	4052	SN	1	0.0	34.193	16.874	0.0	27.222	13.68	0.0	173.645	9.131	0.0	53.997	9.222	0.0	1.872	0.0	0.0	1.922	0.0	0.0	2.044	0.0	0.0	2.074	0.0
89	4051	4052	SN	1	0.0	25.816	8.635	0.0	26.853	7.731	0.0	165.742	1.257	0.0	71.949	2.14	0.0	1.876	0.0	0.0	1.913	0.0	0.0	2.041	0.0	0.0	2.07	0.0
90	4051	4052	NS	1	0.0	25.943	14.31	0.0	33.796	15.296	0.0	352.808	12.153	0.0	129.525	12.07	0.0	1.932	0.0	0.0	1.882	0.0	0.0	2.078	0.0	0.0	2.046	0.0
91	4052	4053	SN	1	0.0	34.187	15.236	0.0	27.2	15.155	0.0	190.245	11.476	0.0	39.752	11.862	0.0	1.876	0.0	0.0	1.937	0.0	0.0	2.042	0.0	0.0	2.101	0.0
92	4052	4053	NS	1	0.0	25.932	14.345	0.0	33.868	15.292	0.0	144.303	12.125	0.0	95.647	12.046	0.0	1.918	0.0	0.0	1.881	0.0	0.0	2.078	0.0	0.0	2.047	0.0
93	4052	4053	NS	1	0.0	26.786	9.151	0.0	25.843	9.311	0.0	355.704	3.644	0.0	49.299	3.225	0.0	1.921	0.0	0.0	1.876	0.0	0.0	2.073	0.0	0.0	2.046	0.0
94	4052	4053	SN	1	0.0	25.816	8.996	0.0	26.842	8.985	0.0	202.207	2.846	0.0	68.518	3.189	0.0	1.87	0.0	0.0	1.931	0.0	0.0	2.039	0.0	0.0	2.072	0.0
95	4053	4054	SN	1	0.0	34.187	15.327	0.0	27.112	15.249	0.0	197.007	11.455	0.0	82.51	11.938	0.0	1.869	0.0	0.0	1.934	0.0	0.0	2.046	0.0	0.0	2.102	0.0
96	4053	4054	SN	1	0.0	25.81	9.03	0.0	26.841	9.009	0.0	203.2	2.873	0.0	69.754	3.193	0.0	1.867	0.0	0.0	1.932	0.0	0.0	2.04	0.0	0.0	2.073	0.0
97	4053	4054	NS	1	0.0	26.748	9.133	0.0	25.843	9.317	0.0	309.681	3.642	0.0	67.686	3.22	0.0	1.921	0.0	0.0	1.877	0.0	0.0	2.075	0.0	0.0	2.046	0.0
98	4053	4054	NS	1	0.0	25.932	14.296	0.0	33.846	15.279	0.0	84.3	12.132	0.0	73.294	12.081	0.0	1.917	0.0	0.0	1.882	0.0	0.0	2.079	0.0	0.0	2.046	0.0
99	4054	4055	NS	1	0.0	25.948	14.55	0.0	31.138	14.667	0.0	131.321	12.674	0.0	14.063	11.665	0.0	1.924	0.0	0.0	1.888	0.0	0.0	2.08	0.0	0.0	2.046	0.0
100	4054	4055	NS	1	0.0	26.731	9.351	0.0	25.843	9.374	0.0	336.638	3.815	0.0	12.872	3.258	0.0	1.922	0.0	0.0	1.878	0.0	0.0	2.073	0.0	0.0	2.045	0.0
101	4054	4055	NS	1	0.0	26.731	9.122	0.0	25.843	9.324	0.0	336.638	3.65	0.0	48.333	3.253	0.0	1.922	0.0	0.0	1.878	0.0	0.0	2.073	0.0	0.0	2.045	0.0
102	4054	4055	SN	1	0.0	34.154	15.343	0.0	53.041	15.212	0.0	156.383	11.385	0.0	37.259	11.907	0.0	1.869	0.0	0.0	1.927	0.0	0.0	2.044	0.0	0.0	2.102	0.0
103	4054	4055	SN	1	0.0	34.154	15.351	0.0	264.232	15.212	0.0	156.494	11.385	0.0	37.254	11.935	0.0	1.869	0.0	0.0	1.926	0.0	0.0	2.044	0.0	0.0	2.102	0.0
104	4054	4055	NS	1	0.0	25.948	14.309	0.0	33.807	15.341	0.0	131.321	12.165	0.0	75.054	12.024	0.0	1.924	0.0	0.0	1.888	0.0	0.0	2.08	0.0	0.0	2.046	0.0
105	4054	4055	SN	1	0.0	25.81	9.002	0.0	169.777	9.0	0.0	149.991	2.897	0.0	68.59	3.205	0.0	1.868	0.0	0.0	1.931	0.0	0.0	2.043	0.0	0.0	2.086	0.0

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



106	4054	4055	SN	1	0.0	25.81	8.991	0.0	26.847	9.002	0.0	150.179	2.89	0.0	68.551	3.201	0.0	1.868	0.0	0.0	1.931	0.0	0.0	2.043	0.0	0.0	2.086	0.0
107	4055	4056	NS	1	0.0	25.948	14.333	0.0	38.627	15.4	0.0	288.178	12.172	0.0	92.327	12.142	0.0	1.931	0.0	0.0	1.889	0.0	0.0	2.078	0.0	0.0	2.047	0.0
108	4055	4056	NS	1	0.0	25.948	14.805	0.0	31.127	14.687	0.0	288.178	13.287	0.0	14.052	11.764	0.0	1.931	0.0	0.0	1.889	0.0	0.0	2.078	0.0	0.0	2.047	0.0
109	4055	4056	SN	1	0.0	34.055	15.44	0.0	25.959	15.2	0.0	169.548	11.378	0.0	37.535	11.907	0.0	1.87	0.0	0.0	1.929	0.0	0.0	2.048	0.0	0.0	2.101	0.0
110	4055	4056	NS	1	0.0	26.687	9.599	0.0	25.854	9.541	0.0	311.347	4.014	0.0	12.883	3.419	0.0	1.923	0.0	0.0	1.878	0.0	0.0	2.072	0.0	0.0	2.047	0.0
111	4055	4056	SN	1	0.0	25.821	9.006	0.0	26.853	9.007	0.0	212.995	2.895	0.0	70.382	3.197	0.0	1.868	0.0	0.0	1.93	0.0	0.0	2.045	0.0	0.0	2.076	0.0
112	4055	4056	NS	1	0.0	25.948	14.313	0.0	38.213	15.4	0.0	288.117	12.179	0.0	92.238	12.149	0.0	1.931	0.0	0.0	1.889	0.0	0.0	2.078	0.0	0.0	2.047	0.0
113	4055	4056	NS	1	0.0	26.687	9.106	0.0	25.854	9.332	0.0	311.347	3.67	0.0	53.071	3.26	0.0	1.923	0.0	0.0	1.878	0.0	0.0	2.072	0.0	0.0	2.047	0.0
114	4055	4056	SN	1	0.0	25.821	9.006	0.0	26.853	9.002	0.0	213.293	2.889	0.0	70.333	3.192	0.0	1.868	0.0	0.0	1.93	0.0	0.0	2.045	0.0	0.0	2.076	0.0
115	4055	4056	NS	1	0.0	26.687	9.113	0.0	25.854	9.334	0.0	311.303	3.677	0.0	53.027	3.256	0.0	1.918	0.0	0.0	1.877	0.0	0.0	2.072	0.0	0.0	2.047	0.0
116	4055	4056	SN	1	0.0	34.055	15.43	0.0	25.959	15.22	0.0	169.305	11.363	0.0	37.552	11.921	0.0	1.87	0.0	0.0	1.929	0.0	0.0	2.047	0.0	0.0	2.101	0.0
117	4056	4057	SN	1	0.0	25.816	9.024	0.0	26.858	8.767	0.0	167.441	2.902	0.0	13.071	2.853	0.0	1.867	0.0	0.0	1.929	0.0	0.0	2.041	0.0	0.0	2.071	0.0
118	4056	4057	SN	1	0.0	34.232	15.452	0.0	26.433	15.193	0.0	205.037	11.406	0.0	38.009	11.957	0.0	1.87	0.0	0.0	1.933	0.0	0.0	2.043	0.0	0.0	2.099	0.0
119	4056	4057	SN	1	0.0	25.816	8.993	0.0	26.858	9.071	0.0	167.441	2.863	0.0	71.778	3.212	0.0	1.867	0.0	0.0	1.929	0.0	0.0	2.041	0.0	0.0	2.071	0.0
120	4056	4057	SN	1	0.0	25.816	8.997	0.0	26.858	9.0	0.0	167.441	2.863	0.0	71.778	3.179	0.0	1.867	0.0	0.0	1.929	0.0	0.0	2.041	0.0	0.0	2.071	0.0
121	4056	4057	SN	1	0.0	31.044	15.423	0.0	26.433	15.217	0.0	205.037	11.406	0.0	38.009	12.059	0.0	1.87	0.0	0.0	1.933	0.0	0.0	2.043	0.0	0.0	2.099	0.0
122	4056	4057	NS	1	0.0	25.937	14.342	0.0	38.236	15.388	0.0	330.704	12.15	0.0	74.502	12.178	0.0	1.932	0.0	0.0	1.883	0.0	0.0	2.078	0.0	0.0	2.047	0.0
123	4056	4057	NS	1	0.0	26.693	9.152	0.0	25.843	9.307	0.0	353.161	3.68	0.0	63.114	3.263	0.0	1.918	0.0	0.0	1.877	0.0	0.0	2.073	0.0	0.0	2.046	0.0
124	4056	4057	NS	1	0.0	25.937	14.342	0.0	38.236	15.388	0.0	330.704	12.15	0.0	74.502	12.178	0.0	1.932	0.0	0.0	1.883	0.0	0.0	2.078	0.0	0.0	2.047	0.0
125	4056	4057	NS	1	0.0	26.693	9.152	0.0	25.843	9.307	0.0	353.161	3.68	0.0	63.114	3.263	0.0	1.918	0.0	0.0	1.877	0.0	0.0	2.073	0.0	0.0	2.046	0.0
126	4056	4057	SN	1	0.0	34.232	15.528	0.0	25.59	14.367	0.0	205.037	11.546	0.0	14.659	10.694	0.0	1.87	0.0	0.0	1.933	0.0	0.0	2.043	0.0	0.0	2.099	0.0
127	4056	4057	NS	1	0.0	25.937	15.06	0.0	29.82	14.674	0.0	330.704	14.117	0.0	14.047	12.021	0.0	1.932	0.0	0.0	1.883	0.0	0.0	2.078	0.0	0.0	2.047	0.0
128	4056	4057	NS	1	0.0	26.693	10.031	0.0	25.843	9.747	0.0	353.161	4.281	0.0	12.883	3.63	0.0	1.918	0.0	0.0	1.877	0.0	0.0	2.073	0.0	0.0	2.046	0.0
129	4057	4058	NS	1	0.0	26.693	9.125	0.0	25.843	9.324	0.0	353.432	3.663	0.0	70.112	3.246	0.0	1.917	0.0	0.0	1.878	0.0	0.0	2.073	0.0	0.0	2.045	0.0
130	4057	4058	SN	1	0.0	34.165	15.257	0.0	54.861	14.624	0.0	174.985	11.392	0.0	17.494	10.916	0.0	1.871	0.0	0.0	1.928	0.0	0.0	2.051	0.0	0.0	2.108	0.0
131	4057	4058	SN	1	0.0	31.044	15.262	0.0	54.861	15.111	0.0	174.985	11.269	0.0	79.339	11.7	0.0	1.871	0.0	0.0	1.928	0.0	0.0	2.051	0.0	0.0	2.108	0.0
132	4057	4058	SN	1	0.0	34.165	15.324	0.0	54.861	15.203	0.0	174.985	11.466	0.0	79.339	11.815	0.0	1.883	0.0	0.0	1.956	0.0	0.0	2.051	0.0	0.0	2.108	0.0
133	4057	4058	NS	1	0.0	25.937	14.401	0.0	35.428	15.345	0.0	347.795	12.169	0.0	80.701	12.135	0.0	1.928	0.0	0.0	1.893	0.0	0.0	2.077	0.0	0.0	2.046	0.0
134	4057	4058	NS	1	0.0	25.937	14.401	0.0	35.428	15.345	0.0	347.795	12.169	0.0	80.701	12.135	0.0	1.928	0.0	0.0	1.893	0.0	0.0	2.077	0.0	0.0	2.046	0.0
135	4057	4058	SN	1	0.0	25.816	8.852	0.0	193.53	8.763	0.0	190.549	2.785	0.0	13.953	2.909	0.0	1.869	0.0	0.0	1.938	0.0	0.0	2.046	0.0	0.0	2.098	0.0
136	4057	4058	SN	1	0.0	25.816	8.853	0.0	193.53	8.933	0.0	190.549	2.747	0.0	69.153	3.144	0.0	1.869	0.0	0.0	1.938	0.0	0.0	2.046	0.0	0.0	2.098	0.0
137	4057	4058	SN	1	0.0	25.816	8.949	0.0	193.53	8.962	0.0	190.549	2.841	0.0	69.153	3.197	0.0	1.875	0.0	0.0	1.942	0.0	0.0	2.051	0.0	0.0	2.098	0.0
138	4057	4058	NS	1	0.0	26.693	9.125	0.0	25.843	9.324	0.0	353.432	3.663	0.0	70.112	3.246	0.0	1.917	0.0	0.0	1.878	0.0	0.0	2.073	0.0	0.0	2.045	0.0
139	4058	4059	NS	1	0.0	26.704	9.137	0.0	25.843	9.251	0.0	348.628	3.638	0.0	70.934	3.215	0.0	1.915	0.0	0.0	1.878	0.0	0.0	2.073	0.0	0.0	2.045	0.0
140	4058	4059	NS	1	0.0	26.704	9.137	0.0	25.843	9.251	0.0	348.628	3.638	0.0	70.934	3.215	0.0	1.915	0.0	0.0	1.878	0.0	0.0	2.073	0.0	0.0	2.045	0.0
141	4058	4059	NS	1	0.0	25.926	14.339	0.0	33.724	15.412	0.0	351.557	12.118	0.0	81.804	12.05	0.0	1.927	0.0	0.0	1.89	0.0	0.0	2.078	0.0	0.0	2.046	0.0
142	4058	4059	SN	1	0.0	25.805	9.014	0.0	26.836	8.964	0.0	203.879	2.9	0.0	14.78	3.132	0.0	1.867	0.0	0.0	1.933	0.0	0.0	2.043	0.0	0.0	2.094	0.0

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

143	4058	4059	SN	1	0.0	25.805	9.01	0.0	26.836	9.073	0.0	203.879	2.883	0.0	70.173	3.268	0.0	1.867	0.0	0.0	1.933	0.0	0.0	2.043	0.0	0.0	2.094	0.0
144	4058	4059	SN	1	0.0	34.215	15.379	0.0	27.161	15.173	0.0	190.422	11.487	0.0	76.068	11.857	0.0	1.869	0.0	0.0	1.931	0.0	0.0	2.046	0.0	0.0	2.103	0.0
145	4058	4059	SN	1	0.0	25.805	9.012	0.0	26.836	9.005	0.0	203.879	2.883	0.0	70.173	3.232	0.0	1.867	0.0	0.0	1.933	0.0	0.0	2.043	0.0	0.0	2.094	0.0
146	4058	4059	SN	1	0.0	34.215	15.391	0.0	25.954	15.016	0.0	190.422	11.568	0.0	22.727	11.549	0.0	1.869	0.0	0.0	1.931	0.0	0.0	2.046	0.0	0.0	2.103	0.0
147	4058	4059	SN	1	0.0	31.049	15.361	0.0	27.161	15.215	0.0	190.422	11.487	0.0	76.068	11.959	0.0	1.869	0.0	0.0	1.931	0.0	0.0	2.046	0.0	0.0	2.103	0.0
148	4058	4059	NS	1	0.0	25.926	14.339	0.0	33.724	15.412	0.0	351.557	12.118	0.0	81.804	12.05	0.0	1.927	0.0	0.0	1.89	0.0	0.0	2.078	0.0	0.0	2.046	0.0
149	4059	4060	NS	1	0.0	26.704	9.114	0.0	25.843	9.199	0.0	349.025	3.625	0.0	71.783	3.194	0.0	1.918	0.0	0.0	1.878	0.0	0.0	2.074	0.0	0.0	2.045	0.0
150	4059	4060	NS	1	0.0	26.704	9.105	0.0	25.843	9.216	0.0	310.481	3.607	0.0	66.996	3.188	0.0	1.924	0.0	0.0	1.878	0.0	0.0	2.074	0.0	0.0	2.045	0.0
151	4059	4060	SN	1	0.0	34.21	15.493	0.0	25.954	14.982	0.0	165.808	11.623	0.0	21.095	11.435	0.0	1.87	0.0	0.0	1.926	0.0	0.0	2.047	0.0	0.0	2.106	0.0
152	4059	4060	SN	1	0.0	31.055	15.485	0.0	27.161	15.254	0.0	165.808	11.531	0.0	82.675	11.915	0.0	1.87	0.0	0.0	1.926	0.0	0.0	2.047	0.0	0.0	2.106	0.0
153	4059	4060	SN	1	0.0	25.816	9.033	0.0	26.842	8.98	0.0	189.793	2.946	0.0	14.791	3.144	0.0	1.869	0.0	0.0	1.935	0.0	0.0	2.045	0.0	0.0	2.097	0.0
154	4059	4060	NS	1	0.0	25.943	14.302	0.0	33.757	15.401	0.0	351.75	12.113	0.0	39.206	12.009	0.0	1.926	0.0	0.0	1.89	0.0	0.0	2.078	0.0	0.0	2.045	0.0
155	4059	4060	NS	1	0.0	25.932	14.325	0.0	33.846	15.439	0.0	351.75	12.049	0.0	76.162	12.017	0.0	1.926	0.0	0.0	1.882	0.0	0.0	2.077	0.0	0.0	2.045	0.0
156	4059	4060	SN	1	0.0	25.816	9.034	0.0	26.842	9.099	0.0	189.793	2.928	0.0	67.487	3.287	0.0	1.869	0.0	0.0	1.935	0.0	0.0	2.045	0.0	0.0	2.097	0.0
157	4059	4060	SN	1	0.0	34.21	15.503	0.0	27.156	15.211	0.0	165.808	11.531	0.0	82.642	11.815	0.0	1.87	0.0	0.0	1.926	0.0	0.0	2.047	0.0	0.0	2.106	0.0
158	4059	4060	SN	1	0.0	25.816	9.037	0.0	26.842	9.027	0.0	189.793	2.926	0.0	67.487	3.254	0.0	1.869	0.0	0.0	1.935	0.0	0.0	2.045	0.0	0.0	2.097	0.0
159	4060	4061	SN	1	0.0	25.832	9.058	0.0	26.836	8.931	0.0	229.794	2.972	0.0	14.179	3.11	0.0	1.869	0.0	0.0	1.932	0.0	0.0	2.042	0.0	0.0	2.1	0.0
160	4060	4061	SN	1	0.0	25.832	9.038	0.0	26.836	9.003	0.0	229.898	2.939	0.0	60.709	3.273	0.0	1.869	0.0	0.0	1.932	0.0	0.0	2.042	0.0	0.0	2.093	0.0
161	4060	4061	SN	1	0.0	25.832	9.049	0.0	26.836	9.072	0.0	229.794	2.942	0.0	60.764	3.315	0.0	1.869	0.0	0.0	1.932	0.0	0.0	2.042	0.0	0.0	2.1	0.0
162	4060	4061	NS	1	0.0	26.698	9.108	0.0	25.849	9.207	0.0	353.934	3.604	0.0	67.509	3.196	0.0	1.924	0.0	0.0	1.878	0.0	0.0	2.072	0.0	0.0	2.044	0.0
163	4060	4061	NS	1	0.0	25.932	14.428	0.0	33.835	15.464	0.0	353.939	12.071	0.0	84.264	11.961	0.0	1.918	0.0	0.0	1.888	0.0	0.0	2.078	0.0	0.0	2.045	0.0
164	4060	4061	NS	1	0.0	25.932	14.428	0.0	33.835	15.456	0.0	353.934	12.064	0.0	84.17	11.961	0.0	1.918	0.0	0.0	1.887	0.0	0.0	2.078	0.0	0.0	2.045	0.0
165	4060	4061	SN	1	0.0	34.165	15.403	0.0	26.45	15.274	0.0	157.244	11.453	0.0	84.727	11.871	0.0	1.871	0.0	0.0	1.932	0.0	0.0	2.046	0.0	0.0	2.108	0.0
166	4060	4061	NS	1	0.0	26.698	9.101	0.0	25.849	9.209	0.0	353.939	3.609	0.0	67.57	3.194	0.0	1.924	0.0	0.0	1.878	0.0	0.0	2.073	0.0	0.0	2.044	0.0
167	4060	4061	SN	1	0.0	34.165	15.39	0.0	25.954	14.915	0.0	157.2	11.57	0.0	18.878	11.306	0.0	1.871	0.0	0.0	1.939	0.0	0.0	2.045	0.0	0.0	2.108	0.0
168	4060	4061	SN	1	0.0	31.524	15.406	0.0	26.395	15.316	0.0	157.2	11.469	0.0	84.804	11.969	0.0	1.871	0.0	0.0	1.939	0.0	0.0	2.045	0.0	0.0	2.108	0.0
169	4061	4062	SN	1	0.0	31.496	15.388	0.0	26.395	15.326	0.0	170.568	11.441	0.0	86.806	11.99	0.0	1.871	0.0	0.0	1.928	0.0	0.0	2.047	0.0	0.0	2.11	0.0
170	4061	4062	SN	1	0.0	25.832	9.04	0.0	26.847	9.087	0.0	193.163	2.96	0.0	65.491	3.335	0.0	1.868	0.0	0.0	1.935	0.0	0.0	2.043	0.0	0.0	2.103	0.0
171	4061	4062	NS	1	0.0	26.715	9.119	0.0	25.843	9.189	0.0	352.108	3.62	0.0	68.491	3.209	0.0	1.916	0.0	0.0	1.877	0.0	0.0	2.072	0.0	0.0	2.046	0.0
172	4061	4062	NS	1	0.0	25.932	14.396	0.0	33.801	15.375	0.0	353.862	12.036	0.0	85.984	11.919	0.0	1.927	0.0	0.0	1.882	0.0	0.0	2.077	0.0	0.0	2.046	0.0
173	4061	4062	SN	1	0.0	25.832	9.044	0.0	26.847	9.019	0.0	193.163	2.961	0.0	65.491	3.297	0.0	1.868	0.0	0.0	1.935	0.0	0.0	2.043	0.0	0.0	2.103	0.0
174	4061	4062	SN	1	0.0	25.832	9.047	0.0	26.847	8.901	0.0	193.163	2.997	0.0	13.545	3.072	0.0	1.868	0.0	0.0	1.935	0.0	0.0	2.043	0.0	0.0	2.103	0.0
175	4061	4062	SN	1	0.0	34.11	15.38	0.0	25.954	14.747	0.0	170.568	11.573	0.0	15.85	11.109	0.0	1.871	0.0	0.0	1.928	0.0	0.0	2.047	0.0	0.0	2.11	0.0
176	4061	4062	NS	1	0.0	26.737	9.115	0.0	25.843	9.199	0.0	308.363	3.611	0.0	61.465	3.196	0.0	1.917	0.0	0.0	1.877	0.0	0.0	2.072	0.0	0.0	2.046	0.0
177	4061	4062	NS	1	0.0	25.926	14.47	0.0	37.397	15.386	0.0	347.304	12.04	0.0	79.664	12.022	0.0	1.921	0.0	0.0	1.882	0.0	0.0	2.077	0.0	0.0	2.046	0.0
178	4061	4062	SN	1	0.822	34.11	15.405	0.0	26.395	15.294	0.0	170.568	11.438	0.0	86.806	11.893	0.0	1.871	0.0	0.0	1.928	0.0	0.0	2.047	0.0	0.0	2.11	0.0
179	4062	4063	SN	1	0.0	25.827	9.053	0.0	26.836	8.836	0.0	173.689	2.963	0.0	13.076	3.034	0.0	1.868	0.0	0.0	1.932	0.0	0.0	2.041	0.0	0.0	2.099	0.0

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

180	4062	4063	SN	1	0.0	34.088	15.346	0.0	26.395	15.264	0.0	238.948	11.483	0.0	97.974	11.934	0.0	1.871	0.0	0.0	1.93	0.0	0.0	2.042	0.0	0.0	2.105	0.0
181	4062	4063	NS	1	0.0	25.932	14.411	0.0	33.752	15.383	0.0	333.572	12.104	0.0	81.534	12.042	0.0	1.928	0.0	0.0	1.89	0.0	0.0	2.077	0.0	0.0	2.046	0.0
182	4062	4063	SN	1	0.0	25.827	9.038	0.0	26.836	9.075	0.0	173.689	2.93	0.0	83.288	3.336	0.0	1.868	0.0	0.0	1.932	0.0	0.0	2.041	0.0	0.0	2.099	0.0
183	4062	4063	NS	1	0.0	25.932	14.431	0.0	33.763	15.357	0.0	356.757	12.05	0.0	45.444	11.947	0.0	1.932	0.0	0.0	1.89	0.0	0.0	2.078	0.0	0.0	2.046	0.0
184	4062	4063	SN	1	0.0	31.915	15.328	0.0	26.395	15.294	0.0	238.948	11.483	0.0	97.974	12.032	0.0	1.871	0.0	0.0	1.93	0.0	0.0	2.042	0.0	0.0	2.105	0.0
185	4062	4063	NS	1	0.0	26.715	9.115	0.0	25.843	9.197	0.0	347.431	3.621	0.0	75.6	3.186	0.0	1.915	0.0	0.0	1.878	0.0	0.0	2.073	0.0	0.0	2.045	0.0
186	4062	4063	SN	1	0.0	25.827	9.04	0.0	26.836	9.008	0.0	173.689	2.93	0.0	83.288	3.297	0.0	1.868	0.0	0.0	1.932	0.0	0.0	2.041	0.0	0.0	2.099	0.0
187	4062	4063	NS	1	0.0	26.742	9.099	0.0	25.838	9.223	0.0	316.051	3.613	0.0	62.794	3.185	0.0	1.917	0.0	0.0	1.878	0.0	0.0	2.072	0.0	0.0	2.045	0.0
188	4062	4063	SN	1	0.0	34.088	15.305	0.0	25.821	14.569	0.0	238.948	11.645	0.0	14.78	10.905	0.0	1.871	0.0	0.0	1.93	0.0	0.0	2.042	0.0	0.0	2.105	0.0
189	4063	4064	SN	1	0.0	31.22	15.442	0.0	27.123	15.288	0.0	217.399	11.531	0.0	94.944	11.941	0.0	1.869	0.0	0.0	1.937	0.0	0.0	2.042	0.0	0.0	2.105	0.0
190	4063	4064	SN	1	0.0	34.072	15.46	0.0	27.123	15.257	0.0	217.399	11.531	0.0	94.944	11.847	0.0	1.869	0.0	0.0	1.937	0.0	0.0	2.042	0.0	0.0	2.105	0.0
191	4063	4064	SN	1	0.0	25.827	9.067	0.0	26.836	8.878	0.0	148.673	2.963	0.0	13.269	3.016	0.0	1.87	0.0	0.0	1.933	0.0	0.0	2.041	0.0	0.0	2.093	0.0
192	4063	4064	SN	1	0.0	34.072	15.444	0.0	25.948	14.671	0.0	217.399	11.672	0.0	15.486	10.972	0.0	1.869	0.0	0.0	1.937	0.0	0.0	2.042	0.0	0.0	2.105	0.0
193	4063	4064	NS	1	0.0	26.698	9.12	0.0	25.838	9.227	0.0	319.559	3.601	0.0	50.462	3.196	0.0	1.92	0.0	0.0	1.878	0.0	0.0	2.074	0.0	0.0	2.046	0.0
194	4063	4064	NS	1	0.0	25.926	14.409	0.0	33.779	15.375	0.0	349.759	12.118	0.0	128.637	12.036	0.0	1.921	0.0	0.0	1.889	0.0	0.0	2.079	0.0	0.0	2.047	0.0
195	4063	4064	SN	1	0.0	25.827	9.069	0.0	26.836	9.025	0.0	148.673	2.929	0.0	69.158	3.248	0.0	1.87	0.0	0.0	1.933	0.0	0.0	2.041	0.0	0.0	2.093	0.0
196	4063	4064	SN	1	0.0	25.827	9.067	0.0	26.836	9.097	0.0	148.673	2.929	0.0	69.158	3.287	0.0	1.87	0.0	0.0	1.933	0.0	0.0	2.041	0.0	0.0	2.093	0.0
197	4064	4065	NS	1	0.0	25.937	14.422	0.0	33.807	15.413	0.0	350.128	12.111	0.0	97.957	11.965	0.0	1.923	0.0	0.0	1.889	0.0	0.0	2.078	0.0	0.0	2.046	0.0
198	4064	4065	SN	1	0.0	34.199	15.43	0.0	27.2	15.245	0.0	245.445	11.511	0.0	85.0	11.804	0.0	1.87	0.0	0.0	1.932	0.0	0.0	2.041	0.0	0.0	2.103	0.0
199	4064	4065	NS	1	0.0	26.698	9.095	0.0	25.838	9.219	0.0	352.593	3.617	0.0	71.96	3.2	0.0	1.914	0.0	0.0	1.877	0.0	0.0	2.073	0.0	0.0	2.045	0.0
200	4064	4065	NS	1	0.0	26.698	9.101	0.0	25.838	9.23	0.0	351.457	3.621	0.0	67.222	3.188	0.0	1.915	0.0	0.0	1.877	0.0	0.0	2.072	0.0	0.0	2.045	0.0
201	4064	4065	SN	1	0.0	25.832	9.04	0.0	26.858	9.081	0.0	174.296	2.911	0.0	70.537	3.267	0.0	1.868	0.0	0.0	1.932	0.0	0.0	2.04	0.0	0.0	2.099	0.0
202	4064	4065	SN	1	0.0	31.651	15.412	0.0	27.2	15.277	0.0	245.445	11.511	0.0	85.0	11.898	0.0	1.87	0.0	0.0	1.932	0.0	0.0	2.041	0.0	0.0	2.103	0.0
203	4064	4065	SN	1	0.0	34.199	15.553	0.0	25.468	14.395	0.0	245.445	11.738	0.0	14.675	10.41	0.0	1.87	0.0	0.0	1.932	0.0	0.0	2.041	0.0	0.0	2.103	0.0
204	4064	4065	SN	1	0.0	25.832	9.043	0.0	26.858	9.01	0.0	174.296	2.913	0.0	70.537	3.229	0.0	1.868	0.0	0.0	1.932	0.0	0.0	2.04	0.0	0.0	2.099	0.0
205	4064	4065	SN	1	0.0	25.832	9.103	0.0	26.858	8.748	0.0	174.296	2.968	0.0	13.071	2.905	0.0	1.868	0.0	0.0	1.932	0.0	0.0	2.04	0.0	0.0	2.099	0.0
206	4064	4065	NS	1	0.0	25.937	14.345	0.0	33.724	15.419	0.0	84.211	12.004	0.0	96.435	12.018	0.0	1.926	0.0	0.0	1.888	0.0	0.0	2.078	0.0	0.0	2.046	0.0
207	4065	4066	SN	1	0.0	25.816	9.018	0.0	26.842	8.998	0.0	171.958	2.906	0.0	71.254	3.205	0.0	1.868	0.0	0.0	1.931	0.0	0.0	2.039	0.0	0.0	2.098	0.0
208	4065	4066	NS	1	0.0	25.943	14.381	0.0	33.835	15.425	0.0	352.781	12.097	0.0	149.153	11.93	0.0	1.932	0.0	0.0	1.888	0.0	0.0	2.077	0.0	0.0	2.045	0.0
209	4065	4066	SN	1	0.0	34.176	15.44	0.0	27.112	15.259	0.0	159.262	11.483	0.0	83.867	11.917	0.0	1.87	0.0	0.0	1.927	0.0	0.0	2.043	0.0	0.0	2.102	0.0
210	4065	4066	NS	1	0.0	26.709	9.114	0.0	25.832	9.203	0.0	352.759	3.605	0.0	73.063	3.178	0.0	1.919	0.0	0.0	1.876	0.0	0.0	2.072	0.0	0.0	2.045	0.0
211	4066	4067	NS	1	0.0	75.332	14.376	0.0	33.669	15.379	0.0	132.037	12.004	0.0	74.315	11.882	0.0	1.925	0.0	0.0	1.886	0.0	0.0	2.077	0.0	0.0	2.045	0.0
212	4066	4067	SN	1	0.0	34.154	15.402	0.0	27.112	15.241	0.0	194.1	11.511	0.0	85.08	11.938	0.0	1.87	0.0	0.0	1.93	0.0	0.0	2.045	0.0	0.0	2.101	0.0
213	4066	4067	NS	1	0.0	138.887	9.122	0.0	25.843	9.227	0.0	345.016	3.601	0.0	68.695	3.152	0.0	1.916	0.0	0.0	1.876	0.0	0.0	2.072	0.0	0.0	2.045	0.0
214	4066	4067	SN	1	0.0	25.816	9.02	0.0	26.842	8.996	0.0	194.1	2.918	0.0	72.23	3.232	0.0	1.868	0.0	0.0	1.931	0.0	0.0	2.04	0.0	0.0	2.077	0.0
215	4067	4068	SN	1	0.0	25.827	9.048	0.0	26.83	9.027	0.0	189.898	2.931	0.0	69.743	3.289	0.0	1.868	0.0	0.0	1.934	0.0	0.0	2.043	0.0	0.0	2.093	0.0
216	4067	4068	NS	1	0.0	26.704	9.108	0.0	25.838	9.202	0.0	345.374	3.598	0.0	69.632	3.188	0.0	1.916	0.0	0.0	1.876	0.0	0.0	2.073	0.0	0.0	2.045	0.0

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

217	4067	4068	SN	1	0.0	25.827	9.03	0.0	26.83	9.025	0.0	189.898	2.944	0.0	69.809	3.285	0.0	1.868	0.0	0.0	1.933	0.0	0.0	2.042	0.0	0.0	2.093	0.0
218	4067	4068	SN	1	0.0	34.132	15.319	0.0	27.2	15.188	0.0	192.849	11.586	0.0	56.198	11.868	0.0	1.87	0.0	0.0	1.926	0.0	0.0	2.047	0.0	0.0	2.103	0.0
219	4067	4068	SN	1	0.0	34.132	15.369	0.0	26.444	15.188	0.0	192.849	11.557	0.0	56.165	11.882	0.0	1.87	0.0	0.0	1.933	0.0	0.0	2.048	0.0	0.0	2.103	0.0
220	4067	4068	NS	1	0.0	25.926	14.406	0.0	33.669	15.358	0.0	350.762	12.095	0.0	75.418	11.911	0.0	1.927	0.0	0.0	1.887	0.0	0.0	2.077	0.0	0.0	2.044	0.0
221	4068	4069	NS	1	0.0	26.742	9.098	0.0	25.838	9.212	0.0	353.217	3.638	0.0	66.77	3.187	0.0	1.919	0.0	0.0	1.876	0.0	0.0	2.073	0.0	0.0	2.045	0.0
222	4068	4069	NS	1	0.0	25.932	14.355	0.0	34.695	15.405	0.0	147.093	12.054	0.0	77.028	11.986	0.0	1.929	0.0	0.0	1.888	0.0	0.0	2.081	0.0	0.0	2.045	0.0
223	4068	4069	SN	1	0.0	34.055	15.46	0.0	26.444	15.286	0.0	153.819	11.455	0.0	84.584	11.898	0.0	1.871	0.0	0.0	1.93	0.0	0.0	2.048	0.0	0.0	2.103	0.0
224	4068	4069	NS	1	0.0	26.742	9.091	0.0	25.838	9.212	0.0	353.206	3.635	0.0	66.715	3.191	0.0	1.923	0.0	0.0	1.876	0.0	0.0	2.073	0.0	0.0	2.045	0.0
225	4068	4069	SN	1	0.0	34.055	15.47	0.0	26.444	15.276	0.0	153.411	11.497	0.0	84.677	11.876	0.0	1.872	0.0	0.0	1.927	0.0	0.0	2.047	0.0	0.0	2.103	0.0
226	4068	4069	SN	1	0.0	25.816	9.059	0.0	26.842	9.025	0.0	197.558	2.951	0.0	71.469	3.262	0.0	1.869	0.0	0.0	1.931	0.0	0.0	2.044	0.0	0.0	2.096	0.0
227	4068	4069	SN	1	0.0	25.816	9.057	0.0	26.842	9.021	0.0	198.005	2.96	0.0	71.414	3.263	0.0	1.869	0.0	0.0	1.933	0.0	0.0	2.044	0.0	0.0	2.096	0.0
228	4068	4069	NS	1	0.0	25.926	14.345	0.0	34.695	15.385	0.0	146.961	12.067	0.0	77.111	11.993	0.0	1.929	0.0	0.0	1.888	0.0	0.0	2.08	0.0	0.0	2.045	0.0
229	4069	4070	SN	1	0.0	34.066	15.48	0.0	26.4	15.314	0.0	165.671	11.476	0.0	85.069	11.891	0.0	1.87	0.0	0.0	1.929	0.0	0.0	2.045	0.0	0.0	2.104	0.0
230	4069	4070	SN	1	0.0	34.072	15.49	0.0	25.959	15.314	0.0	166.046	11.455	0.0	84.959	11.891	0.0	1.87	0.0	0.0	1.925	0.0	0.0	2.045	0.0	0.0	2.104	0.0
231	4069	4070	NS	1	0.0	26.693	9.088	0.0	25.838	9.201	0.0	347.619	3.638	0.0	72.258	3.185	0.0	1.921	0.0	0.0	1.876	0.0	0.0	2.073	0.0	0.0	2.045	0.0
232	4069	4070	NS	1	0.0	25.937	14.319	0.0	33.763	15.434	0.0	125.717	12.118	0.0	85.946	12.014	0.0	1.935	0.0	0.0	1.886	0.0	0.0	2.077	0.0	0.0	2.047	0.0
233	4069	4070	NS	1	0.0	26.687	9.137	0.0	25.838	9.225	0.0	343.902	3.702	0.0	12.883	3.138	0.0	1.921	0.0	0.0	1.877	0.0	0.0	2.073	0.0	0.0	2.045	0.0
234	4069	4070	SN	1	0.0	25.827	9.041	0.0	26.836	9.027	0.0	203.454	2.962	0.0	72.925	3.261	0.0	1.869	0.0	0.0	1.934	0.0	0.0	2.047	0.0	0.0	2.097	0.0
235	4069	4070	NS	1	0.0	26.687	9.079	0.0	25.838	9.217	0.0	343.902	3.658	0.0	72.335	3.194	0.0	1.921	0.0	0.0	1.877	0.0	0.0	2.073	0.0	0.0	2.045	0.0
236	4069	4070	NS	1	0.0	25.932	14.353	0.0	31.127	15.223	0.0	125.601	12.296	0.0	19.236	11.788	0.0	1.934	0.0	0.0	1.884	0.0	0.0	2.077	0.0	0.0	2.047	0.0
237	4069	4070	SN	1	0.0	25.832	9.052	0.0	26.836	9.027	0.0	203.752	2.962	0.0	72.853	3.27	0.0	1.87	0.0	0.0	1.931	0.0	0.0	2.047	0.0	0.0	2.086	0.0
238	4069	4070	NS	1	0.0	25.932	14.339	0.0	33.757	15.436	0.0	125.601	12.146	0.0	86.051	11.993	0.0	1.934	0.0	0.0	1.884	0.0	0.0	2.077	0.0	0.0	2.047	0.0
239	4070	4071	NS	1	0.0	0.0	0.0	0.0	3.491	0.0	100000.0	-100000.0	0.0	4.324	0.0	0.0	0.0	0.0	0.0	0.815	0.0	100000.0	-100000.0	0.0	0.0	0.805	0.0	
240	4070	4071	NS	1	0.0	0.0	0.0	0.0	5.504	0.0	100000.0	-100000.0	0.0	2.471	0.0	0.0	0.0	0.0	0.0	0.474	0.0	100000.0	-100000.0	0.0	0.0	0.499	0.0	
241	4070	4071	SN	1	0.0	34.066	15.561	0.0	134.519	15.245	0.0	173.816	11.564	0.0	81.727	11.909	0.0	1.898	0.0	0.0	1.933	0.0	0.0	2.048	0.0	0.0	2.1	0.0
242	4070	4071	SN	1	0.0	25.827	9.051	0.0	26.842	9.087	0.0	204.22	2.955	0.0	82.739	3.311	0.0	1.869	0.0	0.0	1.931	0.0	0.0	2.045	0.0	0.0	2.093	0.0
243	4070	4071	SN	1	0.0	25.827	9.102	0.0	26.842	8.748	0.0	204.22	3.016	0.0	13.076	2.956	0.0	1.869	0.0	0.0	1.931	0.0	0.0	2.045	0.0	0.0	2.093	0.0
244	4070	4071	SN	1	0.0	31.049	15.532	0.0	134.519	15.277	0.0	173.816	11.529	0.0	81.727	12.017	0.0	1.871	0.0	0.0	1.937	0.0	0.0	2.048	0.0	0.0	2.1	0.0
245	4070	4071	SN	1	0.0	34.066	15.699	0.0	134.519	14.387	0.0	173.816	11.772	0.0	14.692	10.48	0.0	1.87	0.0	0.0	1.937	0.0	0.0	2.048	0.0	0.0	2.1	0.0
246	4070	4071	SN	1	0.0	25.827	9.066	0.0	26.842	9.023	0.0	204.22	2.96	0.0	80.365	3.269	0.0	1.895	0.0	0.0	1.931	0.0	0.0	2.049	0.0	0.0	2.083	0.0
247	4070	4071	NS	1	0.0	0.0	0.0	0.0	5.498	0.0	100000.0	-100000.0	0.0	2.465	0.0	0.0	0.0	0.0	0.0	0.474	0.0	100000.0	-100000.0	0.0	0.0	0.499	0.0	
248	4070	4071	NS	1	0.0	0.0	0.0	0.0	3.491	0.0	100000.0	-100000.0	0.0	4.329	0.0	0.0	0.0	0.0	0.0	0.815	0.0	100000.0	-100000.0	0.0	0.0	0.805	0.0	
249	4070	4071	NS	1	0.0	0.0	0.0	0.0	5.498	0.0	100000.0	-100000.0	0.0	2.465	0.0	0.0	0.0	0.0	0.0	0.474	0.0	100000.0	-100000.0	0.0	0.0	0.499	0.0	
250	4070	4071	NS	1	0.0	0.0	0.0	0.0	3.491	0.0	100000.0	-100000.0	0.0	4.324	0.0	0.0	0.0	0.0	0.0	0.815	0.0	100000.0	-100000.0	0.0	0.0	0.805	0.0	
251	4071	4072	NS	1	0.0	25.937	14.401	0.0	33.741	15.411	0.0	351.716	12.097	0.0	39.311	11.981	0.0	1.93	0.0	0.0	1.886	0.0	0.0	2.078	0.0	0.0	2.046	0.0
252	4071	4072	NS	1	0.0	26.687	9.098	0.0	25.832	9.209	0.0	355.93	3.622	0.0	71.993	3.194	0.0	1.92	0.0	0.0	1.877	0.0	0.0	2.073	0.0	0.0	2.045	0.0
253	4071	4072	NS	1	0.0	25.937	14.391	0.0	33.735	15.423	0.0	351.733	12.118	0.0	39.361	12.002	0.0	1.926	0.0	0.0	1.887	0.0	0.0	2.078	0.0	0.0	2.046	0.0

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



254	4071	4072	NS	1	0.0	26.709	9.103	0.0	25.832	9.204	0.0	356.029	3.629	0.0	71.894	3.199	0.0	1.917	0.0	0.0	1.876	0.0	0.0	2.073	0.0	0.0	2.046	0.0
-----	------	------	----	---	-----	--------	-------	-----	--------	-------	-----	---------	-------	-----	--------	-------	-----	-------	-----	-----	-------	-----	-----	-------	-----	-----	-------	-----

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