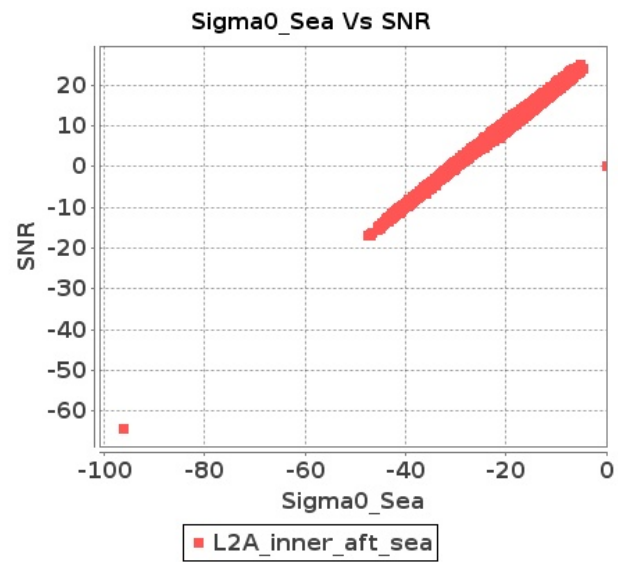


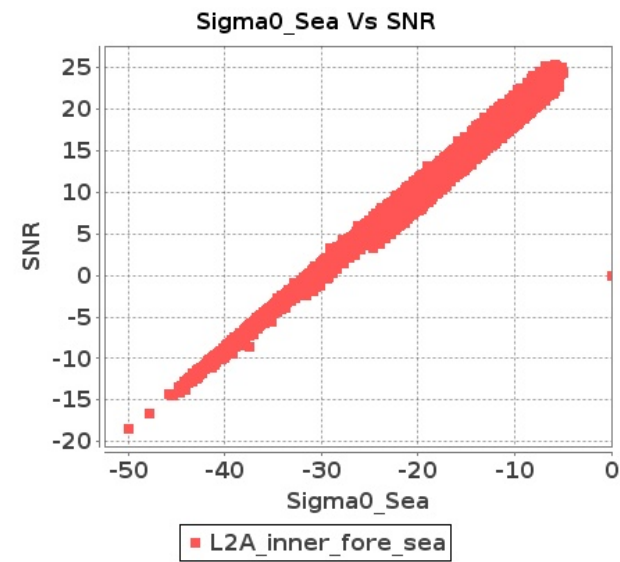
SCATSAT-1 Scatterometer Level-2A Data Quality Cycle wise Report

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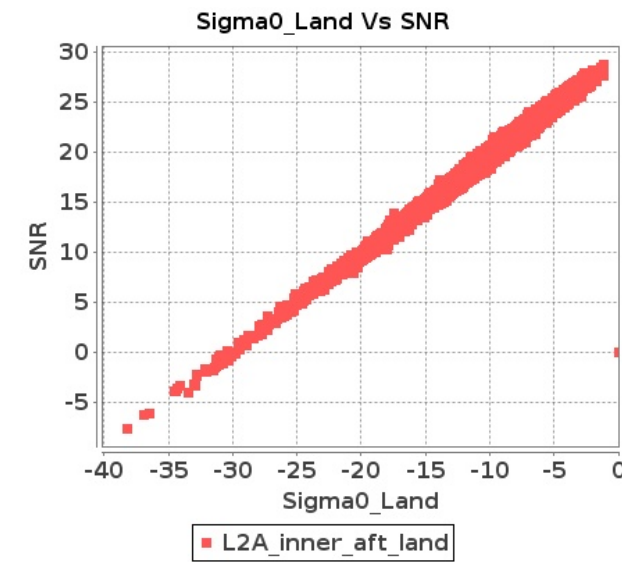
Inner Sea Aft Sigma0VsSNR



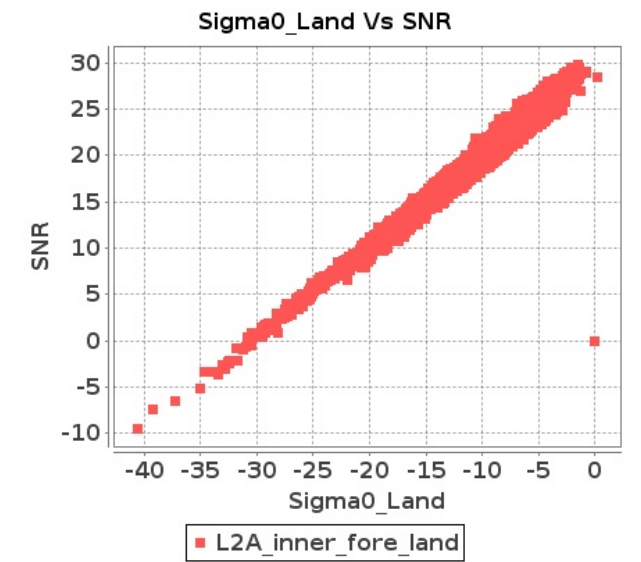
Inner Sea Fore Sigma0VsSNR



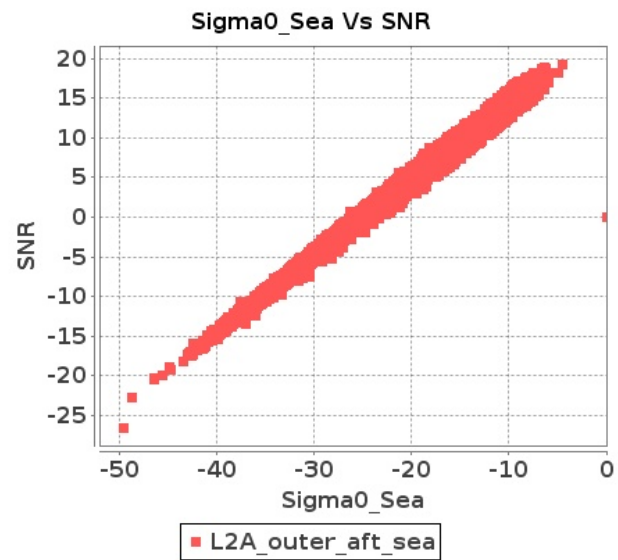
Inner Land Aft Sigma0VsSNR



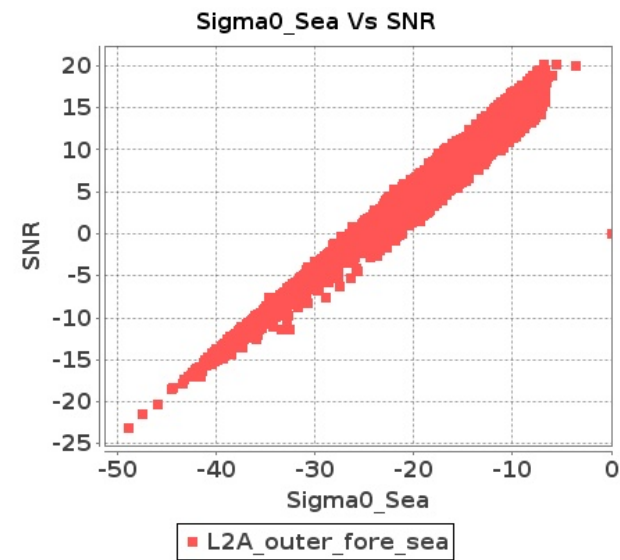
Inner Land Fore Sigma0VsSNR



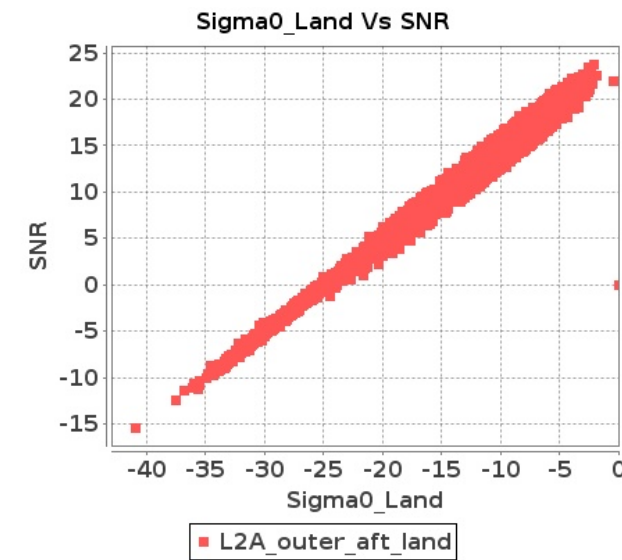
Outer Sea Aft Sigma0VsSNR



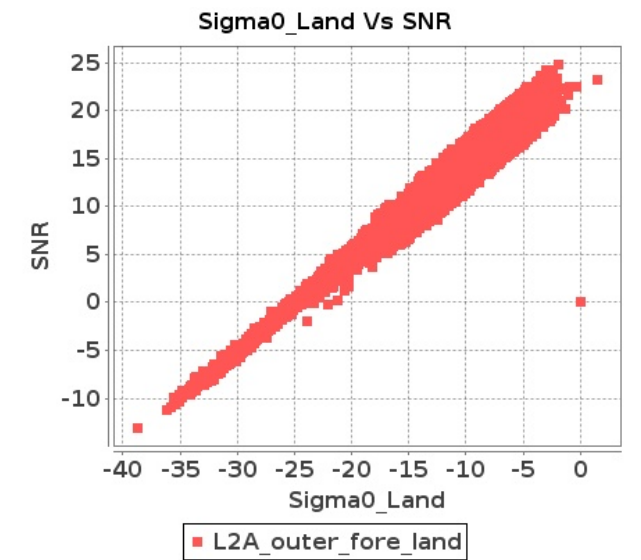
Outer Sea Fore Sigma0VsSNR



Outer Land Aft Sigma0VsSNR



Outer Land Fore Sigma0VsSNR



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

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Sr No	Start Orbit	End Orbit	Dir.	Ver.	SNR												Sigma0											
					Inner Aft			Inner Fore			Outer Aft			Outer Fore			Inner Aft			Inner Fore			Outer Aft			Outer Fore		
					Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)
1	11988	11989	SN	1	0.0	45.55	0.554	0.0	42.977	0.618	0.0	37.235	0.71	0.0	36.823	0.845	0.0	45.791	0.568	0.0	41.596	0.547	0.0	36.575	0.684	0.0	36.164	0.726
2	11988	11989	SN	1	0.0	54.032	1.991	0.0	46.591	2.179	0.0	42.935	2.412	0.0	43.155	2.845	0.0	55.116	2.001	0.0	48.629	1.973	0.0	43.078	2.227	0.0	44.39	2.607
3	11989	11990	NS	1	0.0	42.546	0.674	0.0	41.241	0.922	0.0	43.899	0.798	0.0	43.891	1.084	0.0	43.027	0.676	0.0	41.591	0.85	0.0	41.312	0.747	0.0	43.94	0.892
4	11989	11990	SN	1	0.0	46.257	3.435	0.0	50.148	4.382	0.0	44.08	3.246	0.0	44.015	4.229	0.0	48.496	3.456	0.0	49.855	4.01	0.0	45.442	3.203	0.0	44.37	3.831
5	11989	11990	NS	1	0.0	41.258	2.641	0.685	47.968	3.319	0.0	44.906	2.659	0.0	42.985	3.328	0.0	39.458	2.661	0.047	47.589	3.218	0.0	44.859	2.566	0.0	39.105	3.022
6	11989	11990	NS	1	0.0	40.694	2.621	0.685	47.966	3.258	0.0	42.689	2.659	0.0	42.524	3.313	0.0	39.371	2.641	0.047	47.587	3.177	0.0	42.641	2.595	0.0	42.561	3.015
7	11989	11990	SN	1	0.0	52.604	1.014	0.0	45.395	1.383	0.0	39.793	0.965	0.0	37.195	1.374	0.0	51.601	1.025	0.0	43.411	1.281	0.0	40.084	0.936	0.0	40.49	1.145
8	11989	11990	SN	1	0.0	52.604	1.029	0.0	45.395	1.402	0.0	39.793	0.98	0.0	37.195	1.39	0.0	51.601	1.041	0.0	43.411	1.299	0.0	40.084	0.951	0.0	40.49	1.159
9	11989	11990	SN	1	0.0	52.604	1.014	0.0	45.395	1.383	0.0	39.793	0.965	0.0	37.195	1.374	0.0	51.601	1.025	0.0	43.411	1.281	0.0	40.084	0.936	0.0	40.49	1.145
10	11989	11990	SN	1	0.0	46.257	3.383	0.0	50.148	4.315	0.0	44.08	3.196	0.0	44.015	4.164	0.0	48.496	3.403	0.0	49.855	3.948	0.0	45.442	3.153	0.0	44.37	3.772
11	11989	11990	SN	1	0.0	46.257	3.383	0.0	50.148	4.315	0.0	44.08	3.196	0.0	44.015	4.164	0.0	48.496	3.403	0.0	49.855	3.948	0.0	45.442	3.153	0.0	44.37	3.772
12	11989	11990	NS	1	0.0	42.994	0.712	0.0	40.96	0.938	0.0	40.895	0.791	0.0	41.986	1.089	0.0	43.476	0.719	0.0	42.592	0.848	0.0	37.991	0.757	0.0	42.605	0.907
13	11990	11991	SN	1	0.0	47.324	0.495	0.0	43.039	0.812	0.0	35.771	0.837	0.0	48.194	1.157	0.0	46.621	0.502	0.0	40.958	0.686	0.0	37.649	0.798	0.0	47.289	0.939
14	11990	11991	SN	1	0.0	39.517	2.037	0.0	41.91	2.485	0.0	40.839	2.531	0.0	39.051	3.078	0.0	39.542	2.068	0.0	40.704	2.403	0.0	40.714	2.466	0.0	36.044	2.652
15	11990	11991	SN	1	0.0	39.517	2.011	0.0	41.91	2.454	0.0	40.839	2.511	0.0	39.051	3.046	0.0	39.542	2.042	0.0	40.704	2.372	0.0	40.714	2.447	0.0	36.044	2.625
16	11990	11991	SN	1	0.0	39.517	2.048	0.0	39.148	2.475	0.0	44.722	2.538	0.0	49.929	3.078	0.0	39.542	2.068	0.0	40.5	2.392	0.0	42.849	2.466	0.0	46.66	2.616
17	11990	11991	SN	1	0.0	48.339	0.491	0.0	44.637	0.784	0.0	37.458	0.845	0.0	37.772	1.135	0.0	47.636	0.504	0.0	42.545	0.677	0.0	36.861	0.794	0.0	34.771	0.916
18	11990	11991	NS	1	0.0	49.513	3.684	0.0	46.138	5.488	0.0	39.269	3.687	0.0	44.119	5.502	0.0	49.959	3.755	0.0	45.145	5.265	0.0	41.275	3.645	0.0	42.633	5.168
19	11990	11991	NS	1	0.0	49.34	3.694	0.0	46.138	5.499	0.0	40.779	3.709	0.0	52.281	5.509	0.0	49.784	3.765	0.0	45.145	5.326	0.0	41.56	3.659	0.0	53.352	5.132
20	11990	11991	NS	1	0.0	42.533	1.043	0.0	47.352	1.49	0.0	42.241	1.175	0.0	40.236	1.768	0.0	42.074	1.048	0.0	46.888	1.397	0.0	38.974	1.122	0.0	39.861	1.639
21	11990	11991	NS	1	0.0	42.533	1.048	0.0	47.352	1.488	0.0	39.602	1.18	0.0	35.736	1.755	0.0	42.074	1.052	0.0	46.888	1.386	0.0	37.46	1.126	0.0	36.782	1.623
22	11991	11992	SN	1	0.0	39.241	3.016	0.0	43.581	3.35	0.0	39.755	2.647	0.0	40.918	3.51	0.0	39.804	2.966	0.0	42.968	3.003	0.0	38.481	2.625	0.0	40.241	2.925
23	11991	11992	SN	1	0.0	39.778	3.027	0.0	43.581	3.36	0.0	37.377	2.654	0.0	44.11	3.51	0.0	40.343	2.986	0.0	43.126	3.024	0.0	38.481	2.618	0.0	42.62	2.91
24	11991	11992	NS	1	0.0	52.776	4.271	0.0	54.518	6.005	0.0	40.779	4.482	0.0	49.657	5.58	0.0	53.132	4.342	0.0	53.858	5.822	0.0	39.88	4.602	0.0	49.574	5.139
25	11991	11992	SN	1	0.0	37.066	0.629	0.0	43.274	0.884	0.0	35.703	0.84	0.0	40.327	1.325	0.0	35.292	0.627	0.0	44.273	0.798	0.0	35.091	0.792	0.0	35.598	1.07
26	11991	11992	SN	1	0.0	37.294	0.633	0.0	43.967	0.891	0.0	35.703	0.858	0.0	36.169	1.323	0.0	35.643	0.629	0.0	43.979	0.801	0.0	33.567	0.778	0.0	35.598	1.054
27	11991	11992	SN	1	0.0	39.241	3.065	0.0	43.581	3.4	0.0	39.755	2.721	0.0	40.918	3.552	0.0	39.804	3.024	0.0	42.968	3.058	0.0	38.481	2.692	0.0	40.241	2.964
28	11991	11992	SN	1	0.0	37.066	0.639	0.0	43.274	0.905	0.0	35.703	0.857	0.0	40.327	1.34	0.0	35.292	0.634	0.0	43.286	0.813	0.0	35.091	0.808	0.0	35.598	1.083
29	11992	11993	NS	1	0.0	46.814	3.452	0.0	54.447	3.915	0.0	45.029	2.915	0.0	47.593	3.476	0.0	47.511	3.493	0.0	56.059	3.753	0.0	46.848	2.659	0.0	46.966	3.035
30	11992	11993	NS	1	0.0	46.886	3.402	0.0	54.453	3.966	0.0	44.182	2.936	0.0	50.412	3.448	0.0	47.584	3.503	0.0	56.065	3.753	0.0	46.001	2.617	0.0	46.668	3.007
31	11992	11993	SN	1	0.0	36.235	0.638	0.0	34.773	0.79	0.0	36.203	1.005	0.0	40.811	1.478	0.0	36.51	0.638	0.0	34.645	0.648	0.0	34.679	0.92	0.0	37.361	1.158

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

32	11992	11993	SN	1	0.0	36.235	0.62	0.0	34.773	0.767	0.0	35.341	0.98	0.0	40.811	1.44	0.0	36.526	0.617	0.0	34.645	0.629	0.0	34.473	0.902	0.0	37.361	1.124
33	11992	11993	SN	1	0.0	39.892	2.488	0.0	40.869	3.073	0.0	39.458	2.895	0.0	37.294	4.028	0.0	39.16	2.376	0.0	40.888	2.757	0.0	38.191	2.781	0.0	34.768	3.223
34	11992	11993	SN	1	0.0	39.892	2.488	0.0	40.869	3.073	0.0	39.458	2.895	0.0	37.294	4.028	0.0	39.16	2.376	0.0	40.888	2.757	0.0	38.191	2.781	0.0	34.768	3.223
35	11992	11993	NS	1	0.0	41.602	0.859	0.0	46.942	1.055	0.0	41.873	0.699	0.0	46.241	0.843	0.0	42.922	0.85	0.0	47.257	1.001	0.0	37.64	0.65	0.0	45.451	0.719
36	11992	11993	NS	1	0.0	41.602	0.872	0.0	46.942	1.05	0.0	41.797	0.697	0.0	42.146	0.858	0.0	42.922	0.863	0.0	47.257	0.999	0.0	37.685	0.648	0.0	45.267	0.738
37	11992	11993	SN	1	0.0	36.235	0.62	0.0	34.773	0.767	0.0	35.341	0.98	0.0	40.811	1.44	0.0	36.526	0.617	0.0	34.645	0.629	0.0	34.473	0.902	0.0	37.361	1.124
38	11992	11993	SN	1	0.0	44.175	2.541	0.0	40.869	3.161	0.0	39.458	2.991	0.0	37.294	4.131	0.0	42.953	2.437	0.0	40.888	2.837	0.0	38.191	2.852	0.0	34.768	3.309
39	11993	11994	SN	1	0.0	41.272	2.519	0.0	48.178	3.175	0.0	39.332	2.547	0.0	39.057	3.522	0.0	41.333	2.601	0.0	49.254	2.869	0.0	39.515	2.419	0.0	39.445	3.023
40	11993	11994	NS	1	0.0	42.634	0.877	0.0	47.227	1.31	0.0	36.044	0.934	0.0	44.083	1.344	0.0	42.694	0.917	0.0	48.003	1.143	0.0	34.438	0.849	0.0	41.293	1.064
41	11993	11994	NS	1	0.0	47.083	0.935	0.0	44.863	1.296	0.0	40.081	0.889	0.0	38.83	1.381	0.0	48.203	0.92	0.0	43.421	1.183	0.0	38.301	0.82	0.0	38.149	1.128
42	11993	11994	SN	1	0.0	41.272	2.635	0.0	48.178	3.318	0.0	39.332	2.659	0.0	39.057	3.676	0.0	41.333	2.72	0.0	49.254	2.999	0.0	39.515	2.54	0.0	39.445	3.146
43	11993	11994	SN	1	0.0	41.272	2.519	0.0	48.178	3.175	0.0	39.332	2.54	0.0	39.057	3.522	0.0	41.333	2.6	0.0	49.254	2.869	0.0	39.515	2.412	0.0	39.445	3.023
44	11993	11994	NS	1	0.0	41.153	3.401	0.0	52.651	4.534	0.0	44.226	3.276	0.0	48.509	4.322	0.0	42.948	3.452	0.0	50.778	4.078	0.0	43.749	3.057	0.0	47.886	3.632
45	11993	11994	NS	1	0.0	47.399	3.399	0.398	49.567	4.495	0.0	46.65	3.368	0.0	50.015	4.426	0.0	48.381	3.41	0.956	50.302	4.181	0.0	47.406	3.297	0.0	49.608	3.582
46	11993	11994	SN	1	0.0	37.465	0.511	0.0	34.464	0.82	0.0	37.601	0.778	0.0	40.689	1.139	0.0	37.835	0.477	0.0	36.03	0.716	0.0	38.107	0.698	0.0	41.081	0.92
47	11993	11994	SN	1	0.0	37.465	0.511	0.0	34.464	0.82	0.0	37.601	0.778	0.0	40.689	1.141	0.0	37.835	0.477	0.0	36.03	0.716	0.0	38.107	0.698	0.0	41.081	0.922
48	11993	11994	SN	1	0.0	38.565	0.535	0.0	34.464	0.855	0.0	37.601	0.816	0.0	40.689	1.184	0.0	37.835	0.499	0.0	36.03	0.746	0.0	38.107	0.736	0.0	41.081	0.953
49	11994	11995	SN	1	0.0	46.718	3.169	0.0	55.918	3.226	0.0	42.775	2.931	0.0	46.393	3.515	0.0	46.631	3.189	0.0	55.303	2.87	0.0	43.502	2.81	0.0	44.796	2.959
50	11994	11995	NS	1	0.0	46.866	1.156	0.0	42.753	1.666	0.0	35.711	1.437	0.0	39.091	2.038	0.0	46.773	1.115	0.0	42.443	1.488	0.0	37.123	1.334	0.0	38.667	1.67
51	11994	11995	NS	1	0.0	49.99	4.26	0.356	52.236	5.674	0.0	41.842	4.814	0.0	50.53	6.051	0.0	50.342	4.351	0.511	54.256	5.258	0.0	41.939	4.708	0.0	46.223	5.539
52	11994	11995	NS	1	0.0	50.07	4.169	0.356	53.726	5.775	0.0	44.65	4.856	0.0	47.357	6.186	0.0	50.412	4.26	0.51	54.174	5.441	0.0	44.747	4.679	0.0	48.487	5.631
53	11994	11995	SN	1	0.0	39.883	0.781	0.0	45.111	0.922	0.0	36.424	0.813	0.0	38.446	1.091	0.0	39.756	0.781	0.0	44.008	0.806	0.0	38.808	0.773	0.0	37.659	0.871
54	11994	11995	SN	1	0.0	46.718	3.266	0.0	55.918	3.254	0.0	42.775	3.008	0.0	46.393	3.583	0.0	46.631	3.287	0.0	55.303	2.918	0.0	43.502	2.883	0.0	44.796	3.024
55	11994	11995	SN	1	0.0	39.883	0.758	0.0	45.111	0.901	0.0	36.424	0.797	0.0	38.446	1.067	0.0	39.756	0.758	0.0	44.008	0.788	0.0	38.808	0.758	0.0	37.659	0.846
56	11994	11995	NS	1	0.0	39.639	1.163	0.0	41.152	1.684	0.0	40.852	1.439	0.0	38.613	2.091	0.0	39.733	1.156	0.0	44.176	1.495	0.0	38.559	1.329	0.0	40.835	1.703
57	11994	11995	SN	1	0.0	39.883	0.758	0.0	45.111	0.901	0.0	36.424	0.797	0.0	38.446	1.067	0.0	39.756	0.758	0.0	44.008	0.788	0.0	38.808	0.758	0.0	37.659	0.846
58	11994	11995	SN	1	0.0	46.718	3.169	0.0	55.918	3.226	0.0	42.775	2.931	0.0	46.393	3.515	0.0	46.631	3.189	0.0	55.303	2.87	0.0	43.502	2.81	0.0	44.796	2.959
59	11995	11996	NS	1	0.0	48.166	3.076	0.05	45.115	4.456	0.0	38.629	2.886	0.0	50.409	3.918	0.0	48.03	3.116	0.063	45.597	4.07	0.0	37.68	2.666	0.0	47.975	3.285
60	11995	11996	SN	1	0.0	53.088	6.015	0.0	52.293	6.15	0.0	45.497	3.89	0.0	45.018	4.047	0.0	54.798	6.038	0.0	54.031	5.726	0.0	46.893	3.773	0.0	44.823	3.594
61	11995	11996	SN	1	0.0	53.088	5.699	0.0	52.293	5.943	0.0	45.497	3.723	0.0	45.018	3.986	0.0	54.798	5.719	0.0	54.031	5.435	0.0	46.893	3.595	0.0	44.823	3.515
62	11995	11996	SN	1	0.0	53.088	5.689	0.0	52.293	5.943	0.0	45.497	3.708	0.0	45.018	3.986	0.0	54.798	5.709	0.0	54.031	5.435	0.0	46.893	3.595	0.0	44.823	3.515
63	11995	11996	NS	1	0.0	47.484	3.035	0.05	45.259	4.486	0.0	45.717	2.857	0.0	40.005	3.925	0.0	47.346	3.086	0.063	45.741	4.172	0.0	44.277	2.659	0.0	37.392	3.363
64	11995	11996	SN	1	0.0	48.042	1.407	0.0	48.993	1.613	0.0	43.466	0.979	0.0	42.705	1.147	0.0	47.771	1.389	0.0	46.757	1.511	0.0	43.091	0.895	0.0	39.476	0.977
65	11995	11996	SN	1	0.0	48.042	1.306	0.0	48.993	1.51	0.0	43.466	0.929	0.0	42.705	1.113	0.0	47.771	1.285	0.0	46.757	1.403	0.0	43.88	0.846	0.0	39.476	0.944
66	11995	11996	SN	1	0.0	48.042	1.306	0.0	48.993	1.51	0.0	43.466	0.926	0.0	42.705	1.111	0.0	47.771	1.285	0.0	46.757	1.399	0.0	43.88	0.849	0.0	39.476	0.944
67	11995	11996	NS	1	0.0	47.894	0.856	0.0	50.91	1.224	0.0	36.444	0.901	0.0	50.027	1.305	0.0	46.72	0.847	0.0	48.39	1.105	0.0	38.494	0.833	0.0	45.466	1.045

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

68	11995	11996	NS	1	0.0	49.516	0.827	0.0	53.29	1.218	0.0	37.587	0.908	0.0	42.963	1.286	0.0	48.343	0.818	0.0	50.773	1.085	0.0	39.636	0.832	0.0	36.903	1.043
69	11996	11997	SN	1	0.0	53.967	5.072	0.0	51.21	5.695	0.0	40.581	3.564	0.0	45.476	4.444	0.0	54.488	5.143	0.0	50.928	5.134	0.0	41.906	3.301	0.0	44.602	3.966
70	11996	11997	SN	1	0.0	44.099	1.184	0.0	42.676	1.634	0.0	50.98	0.976	0.0	45.041	1.433	0.0	44.98	1.145	0.0	41.113	1.452	0.0	48.988	0.873	0.0	45.925	1.148
71	11996	11997	NS	1	0.0	50.406	2.51	0.0	47.508	3.316	0.0	41.792	1.95	0.0	46.603	3.525	0.0	50.156	2.489	0.0	50.355	2.88	0.0	41.867	1.723	0.0	44.684	2.751
72	11996	11997	NS	1	0.0	42.621	0.604	0.0	47.477	0.899	0.0	44.991	0.541	0.0	45.7	1.0	0.0	43.029	0.588	0.0	46.78	0.773	0.0	44.199	0.471	0.0	41.576	0.694
73	11996	11997	NS	1	0.0	39.865	0.599	0.0	48.158	0.897	0.0	44.991	0.531	0.0	45.7	0.998	0.0	38.851	0.581	0.0	47.459	0.771	0.0	44.199	0.465	0.0	41.576	0.697
74	11996	11997	NS	1	0.0	50.406	2.53	0.0	47.352	3.306	0.0	41.792	1.929	0.0	46.603	3.525	0.0	50.156	2.51	0.0	50.198	2.87	0.0	41.947	1.744	0.0	44.856	2.765
75	11997	11998	NS	1	0.0	42.383	1.016	0.0	40.186	1.396	0.0	39.311	0.991	0.0	42.519	1.736	0.0	42.214	1.0	0.0	38.502	1.248	0.0	38.513	0.916	0.0	40.094	1.329
76	11997	11998	SN	1	0.0	44.956	4.052	0.0	45.757	4.964	0.0	43.96	3.82	0.0	47.061	4.691	0.0	44.11	3.93	0.0	44.594	4.442	0.0	40.932	3.628	0.0	46.61	4.189
77	11997	11998	SN	1	0.0	44.003	1.158	0.0	44.187	1.435	0.0	40.155	1.076	0.0	40.784	1.479	0.0	44.002	1.149	0.0	43.958	1.284	0.0	40.426	1.001	0.0	38.327	1.307
78	11997	11998	NS	1	0.0	46.719	3.631	0.0	52.139	4.779	0.0	41.268	3.289	0.0	44.871	4.711	0.0	47.521	3.561	0.0	54.383	4.281	0.0	39.67	3.197	0.0	41.293	3.855
79	11998	11999	NS	1	0.0	44.167	1.871	0.0	57.864	3.086	0.0	40.531	2.105	0.0	42.561	3.169	0.0	44.375	1.861	0.0	54.582	2.651	0.0	40.898	1.907	0.0	39.969	2.467
80	11998	11999	NS	1	0.0	42.539	0.525	0.0	39.914	0.911	0.0	37.3	0.686	0.0	38.987	1.044	0.0	41.376	0.527	0.0	36.915	0.746	0.0	39.688	0.61	0.0	35.219	0.772
81	11998	11999	SN	1	0.0	50.783	4.448	0.0	47.541	5.173	0.0	46.481	4.062	0.0	49.19	5.024	0.0	51.496	4.448	0.0	50.229	4.847	0.0	46.662	3.877	0.0	45.937	4.496
82	11998	11999	SN	1	0.0	42.9	1.164	0.0	41.777	1.466	0.0	37.679	1.126	0.0	42.402	1.642	0.0	41.819	1.21	0.0	41.913	1.409	0.0	37.858	1.117	0.0	40.003	1.457
83	11999	12000	NS	1	0.0	44.323	3.015	0.0	44.286	4.252	0.0	37.747	2.779	0.0	45.278	4.44	0.0	45.154	3.045	0.0	43.244	4.131	0.0	39.813	2.673	0.0	48.197	4.014
84	11999	12000	NS	1	0.0	42.676	3.039	0.0	44.793	4.195	0.0	39.272	2.715	0.0	37.908	4.607	0.0	42.437	2.998	0.0	45.869	4.071	0.0	36.829	2.65	0.0	40.445	4.239
85	11999	12000	NS	1	0.0	37.406	0.748	0.0	39.984	1.085	0.0	40.941	0.911	0.0	38.93	1.514	0.0	38.237	0.752	0.0	43.04	1.037	0.0	40.977	0.825	0.0	35.384	1.303
86	11999	12000	SN	1	0.0	45.002	2.061	0.0	51.264	2.208	0.0	47.405	2.212	0.0	40.627	2.666	0.0	46.454	2.011	0.0	51.208	2.055	0.0	46.645	2.098	0.0	38.125	2.246
87	11999	12000	NS	1	0.0	42.676	3.005	0.0	40.804	4.141	0.0	38.468	2.815	0.0	37.908	4.574	0.0	42.437	2.974	0.0	40.652	4.03	0.0	38.782	2.694	0.0	40.555	4.227
88	11999	12000	SN	1	0.0	39.107	0.43	0.0	48.16	0.561	0.0	40.114	0.644	0.0	39.67	0.798	0.0	38.583	0.411	0.0	45.755	0.484	0.0	38.927	0.547	0.0	39.445	0.628
89	11999	12000	SN	1	0.0	39.107	0.43	0.0	48.16	0.561	0.0	40.114	0.644	0.0	39.67	0.798	0.0	38.583	0.411	0.0	45.755	0.484	0.0	38.927	0.547	0.0	39.445	0.628
90	11999	12000	NS	1	0.0	37.405	0.732	0.0	42.173	1.094	0.0	37.971	0.929	0.0	38.353	1.498	0.0	38.235	0.725	0.0	44.634	1.046	0.0	35.41	0.839	0.0	34.942	1.301
91	11999	12000	NS	1	0.0	40.539	0.748	0.0	42.173	1.081	0.0	37.971	0.928	0.0	38.353	1.523	0.0	41.366	0.764	0.0	44.634	1.047	0.0	35.41	0.847	0.0	34.942	1.325
92	11999	12000	SN	1	0.0	45.002	2.061	0.0	51.264	2.208	0.0	47.405	2.212	0.0	40.627	2.666	0.0	46.454	2.011	0.0	51.208	2.055	0.0	46.645	2.098	0.0	38.125	2.246
93	12000	12001	SN	1	0.0	48.399	3.515	0.0	44.085	4.499	0.0	43.981	4.27	0.0	44.469	4.656	0.0	49.582	3.657	0.0	42.867	4.234	0.0	46.011	4.249	0.0	44.053	4.499
94	12000	12001	NS	1	0.0	43.016	1.608	0.0	44.588	2.481	0.0	47.617	2.886	0.0	41.327	4.27	0.0	42.932	1.619	0.0	45.621	2.197	0.0	46.073	2.68	0.0	44.634	3.645
95	12000	12001	SN	1	0.0	44.659	1.192	0.0	43.458	1.465	0.0	46.48	1.334	0.0	40.369	1.535	0.0	44.83	1.235	0.0	46.168	1.445	0.0	43.33	1.249	0.0	38.392	1.389
96	12000	12001	SN	1	0.0	48.812	3.637	0.0	45.695	4.499	0.0	49.091	4.256	0.0	51.565	4.663	0.0	49.995	3.708	0.0	44.479	4.224	0.0	51.119	4.292	0.0	49.05	4.464
97	12000	12001	NS	1	0.0	46.022	0.658	0.0	52.304	0.882	0.0	35.932	0.915	0.0	41.412	1.494	0.0	45.424	0.646	0.0	52.862	0.785	0.0	34.193	0.803	0.0	40.434	1.172
98	12000	12001	NS	1	0.0	44.366	1.605	0.0	48.129	2.478	0.0	47.617	2.824	0.0	41.327	4.435	0.0	43.134	1.637	0.0	50.004	2.244	0.0	46.073	2.66	0.0	44.634	3.794
99	12000	12001	NS	1	0.0	40.553	0.637	0.0	50.435	0.868	0.0	35.952	0.904	0.0	41.874	1.491	0.0	42.54	0.642	0.0	50.991	0.778	0.0	34.193	0.798	0.0	41.293	1.17
100	12000	12001	SN	1	0.0	44.247	1.172	0.0	46.562	1.488	0.0	39.122	1.285	0.0	42.546	1.538	0.0	44.419	1.199	0.0	49.27	1.438	0.0	37.602	1.199	0.0	43.173	1.401
101	12000	12001	NS	1	0.0	47.542	1.639	0.0	44.614	2.491	0.0	41.276	2.801	0.0	45.961	4.227	0.0	47.461	1.639	0.0	45.647	2.258	0.0	41.743	2.63	0.0	49.203	3.589
102	12000	12001	NS	1	0.0	39.965	0.682	0.0	52.304	0.905	0.0	35.932	0.911	0.0	41.412	1.576	0.0	41.948	0.66	0.0	52.862	0.82	0.0	34.193	0.807	0.0	40.434	1.239
103	12001	12002	SN	1	0.0	52.425	3.382	0.0	45.107	4.407	0.0	38.505	3.808	0.0	37.326	5.07	0.0	52.465	3.271	0.0	45.503	4.285	0.0	37.444	3.736	0.0	38.097	4.485

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

104	12001	12002	NS	1	0.0	45.831	0.67	0.0	49.824	0.898	0.0	36.433	0.863	0.0	42.049	1.303	0.0	44.898	0.673	0.0	48.135	0.786	0.0	35.347	0.798	0.0	43.87	1.004
105	12001	12002	NS	1	0.0	41.325	1.955	0.0	47.764	2.56	0.0	42.945	2.731	0.0	42.004	3.736	0.0	42.453	1.904	0.0	45.019	2.236	0.0	45.28	2.61	0.0	40.245	2.907
106	12001	12002	SN	1	0.0	38.653	0.923	0.0	44.762	1.195	0.0	37.399	1.263	0.0	39.501	1.856	0.0	37.41	0.891	0.0	45.013	1.1	0.0	35.899	1.162	0.0	36.096	1.556
107	12001	12002	SN	1	0.0	38.653	0.923	0.0	45.989	1.202	0.0	37.399	1.258	0.0	39.501	1.856	0.0	37.41	0.885	0.0	46.239	1.105	0.0	35.899	1.151	0.0	36.049	1.554
108	12001	12002	NS	1	0.0	45.831	0.626	0.0	49.824	0.82	0.0	41.681	0.819	0.0	42.049	1.178	0.0	46.425	0.63	0.0	48.135	0.709	0.0	42.765	0.746	0.0	43.87	0.905
109	12001	12002	NS	1	0.0	45.831	0.626	0.0	49.824	0.82	0.0	41.681	0.819	0.0	42.049	1.178	0.0	46.425	0.63	0.0	48.135	0.709	0.0	42.765	0.746	0.0	43.87	0.905
110	12001	12002	SN	1	0.0	52.467	3.403	0.0	45.107	4.417	0.0	38.505	3.794	0.0	37.419	5.12	0.0	52.506	3.281	0.0	45.503	4.305	0.0	37.842	3.751	0.0	38.191	4.542
111	12001	12002	NS	1	0.0	41.325	1.955	0.0	47.764	2.56	0.0	42.945	2.731	0.0	42.004	3.736	0.0	42.453	1.904	0.0	45.019	2.236	0.0	45.28	2.61	0.0	40.245	2.907
112	12001	12002	NS	1	0.0	41.325	2.167	0.0	47.764	2.802	0.0	42.945	2.895	0.0	42.004	4.11	0.0	42.453	2.078	0.0	45.019	2.501	0.0	45.28	2.825	0.0	40.245	3.21
113	12002	12003	NS	1	0.0	44.883	2.409	0.0	47.46	3.358	0.0	43.605	2.765	0.0	54.324	3.856	0.0	44.5	2.378	0.0	45.941	2.802	0.0	43.409	2.552	0.0	54.641	3.013
114	12002	12003	NS	1	0.0	51.829	0.66	0.0	48.079	1.002	0.0	39.062	0.822	0.0	47.907	1.393	0.0	52.656	0.671	0.0	49.804	0.87	0.0	40.162	0.718	0.0	46.05	1.083
115	12002	12003	NS	1	0.0	51.829	0.647	0.0	48.079	0.942	0.0	39.062	0.786	0.0	50.862	1.278	0.0	52.656	0.647	0.0	49.804	0.816	0.0	40.162	0.702	0.0	47.891	1.0
116	12002	12003	SN	1	0.0	55.585	1.869	0.0	51.838	2.494	0.0	42.513	2.426	0.0	43.215	3.339	0.0	55.171	1.95	0.0	51.957	2.382	0.0	42.913	2.454	0.0	40.588	2.932
117	12002	12003	SN	1	0.0	55.383	1.859	0.0	51.838	2.505	0.0	42.513	2.398	0.0	37.249	3.31	0.0	54.967	1.93	0.0	51.957	2.382	0.0	42.913	2.476	0.0	37.62	2.896
118	12002	12003	NS	1	0.0	51.829	0.647	0.0	48.079	0.942	0.0	39.062	0.786	0.0	50.862	1.278	0.0	52.656	0.647	0.0	49.804	0.816	0.0	40.162	0.702	0.0	47.891	1.0
119	12002	12003	NS	1	0.0	41.003	2.313	0.0	45.892	3.412	0.0	43.605	2.754	0.0	54.324	4.047	0.0	41.714	2.301	0.0	45.427	2.794	0.0	43.409	2.537	0.0	54.641	3.129
120	12002	12003	NS	1	0.0	44.883	2.409	0.0	47.46	3.358	0.0	43.605	2.765	0.0	54.324	3.856	0.0	44.5	2.378	0.0	45.941	2.802	0.0	43.409	2.552	0.0	54.641	3.013
121	12002	12003	SN	1	0.0	35.785	0.604	0.0	40.572	0.738	0.0	43.471	0.771	0.0	36.333	1.22	0.0	35.399	0.599	0.0	41.049	0.707	0.0	42.086	0.739	0.0	35.421	1.01
122	12002	12003	SN	1	0.0	37.068	0.59	0.0	40.572	0.723	0.0	40.912	0.774	0.0	36.078	1.21	0.0	38.696	0.584	0.0	41.049	0.698	0.0	39.945	0.716	0.0	35.421	1.005
123	12003	12004	SN	1	0.0	50.417	4.242	0.0	54.275	5.07	0.0	44.496	2.987	0.0	45.708	3.906	0.0	51.001	4.263	0.0	53.705	4.661	0.0	43.762	2.885	0.0	42.707	3.421
124	12003	12004	SN	1	0.0	50.417	4.144	0.0	54.275	4.932	0.0	44.496	2.91	0.0	45.708	3.822	0.0	51.001	4.164	0.0	53.705	4.544	0.0	43.762	2.796	0.0	42.707	3.363
125	12003	12004	SN	1	0.0	51.744	4.154	0.0	49.854	4.994	0.0	42.417	2.91	0.0	42.069	3.844	0.0	51.724	4.184	0.0	48.852	4.564	0.0	42.681	2.824	0.0	41.379	3.37
126	12003	12004	NS	1	0.0	54.406	5.139	0.0	47.19	6.756	0.0	49.502	3.852	0.0	51.596	4.744	0.0	53.499	5.251	0.0	47.852	6.087	0.0	46.039	3.518	0.0	53.82	3.78
127	12003	12004	SN	1	0.0	46.883	0.894	0.0	43.567	1.2	0.0	46.063	0.791	0.0	40.111	1.091	0.0	47.894	0.961	0.0	42.492	1.1	0.0	43.68	0.777	0.0	40.432	0.983
128	12003	12004	SN	1	0.0	46.883	0.871	0.0	43.567	1.169	0.0	46.063	0.765	0.0	40.111	1.065	0.0	47.894	0.939	0.0	42.492	1.074	0.0	43.68	0.746	0.0	40.432	0.961
129	12003	12004	SN	1	0.0	46.724	0.871	0.0	50.893	1.185	0.0	39.439	0.792	0.0	39.116	1.076	0.0	46.707	0.936	0.0	51.786	1.081	0.0	37.928	0.762	0.0	38.992	0.954
130	12003	12004	NS	1	0.0	48.404	1.167	0.0	54.311	1.693	0.0	42.79	1.091	0.0	46.718	1.463	0.0	50.719	1.137	0.0	50.831	1.474	0.0	39.932	0.974	0.0	48.296	1.078
131	12004	12005	NS	1	0.0	50.994	3.705	0.0	46.543	4.636	0.0	44.422	3.354	0.0	49.113	4.4	0.0	51.53	3.725	0.0	45.712	4.241	0.0	43.204	3.184	0.0	49.048	3.889
132	12004	12005	SN	1	0.0	48.087	1.922	0.0	53.401	2.061	0.0	43.301	1.945	0.0	41.41	2.412	0.0	48.623	1.871	0.0	54.151	1.824	0.0	42.581	1.786	0.0	40.028	2.116
133	12004	12005	SN	1	0.034	48.087	1.924	0.0	53.401	2.061	0.0	43.301	1.946	0.0	41.41	2.412	0.498	48.623	1.873	0.0	54.151	1.824	0.0	42.581	1.788	0.0	40.028	2.116
134	12004	12005	SN	1	0.0	42.4	0.504	0.0	42.485	0.613	0.0	38.635	0.673	0.0	38.188	0.885	0.0	42.447	0.488	0.0	38.908	0.518	0.0	39.267	0.628	0.0	36.687	0.681
135	12004	12005	SN	1	0.0	48.087	1.898	0.0	53.401	2.035	0.0	43.301	1.921	0.0	41.41	2.388	0.0	48.623	1.848	0.0	54.151	1.801	0.0	42.581	1.764	0.0	40.028	2.096
136	12004	12005	SN	1	0.0	42.4	0.511	0.0	42.485	0.621	0.0	38.635	0.682	0.0	38.188	0.895	0.0	42.447	0.495	0.0	38.908	0.525	0.0	39.267	0.637	0.0	36.687	0.69
137	12004	12005	SN	1	0.0	42.4	0.51	0.0	42.485	0.621	0.0	38.635	0.681	0.0	38.188	0.895	0.0	42.447	0.494	0.0	38.908	0.525	0.0	39.267	0.636	0.0	36.687	0.69
138	12004	12005	NS	1	0.0	42.62	1.1	0.0	42.173	1.486	0.0	40.375	1.039	0.0	38.149	1.455	0.0	43.566	1.084	0.0	40.088	1.355	0.0	37.62	0.979	0.0	36.656	1.186
139	12004	12005	NS	1	0.0	41.845	1.1	0.0	42.177	1.483	0.0	40.375	1.065	0.0	38.144	1.45	0.0	43.566	1.079	0.0	40.088	1.357	0.0	37.62	1.002	0.0	36.711	1.191

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

140	12004	12005	NS	1	0.0	51.06	3.695	0.0	46.546	4.626	0.0	44.499	3.39	0.0	49.111	4.386	0.0	51.596	3.736	0.0	45.715	4.241	0.0	43.281	3.241	0.0	49.048	3.889
141	12005	12006	NS	1	0.0	44.937	3.078	0.0	42.222	4.616	0.0	38.884	3.773	0.0	43.644	4.635	0.0	44.946	3.22	0.0	44.463	4.606	0.0	39.232	3.851	0.0	42.458	4.45
142	12005	12006	SN	1	0.0	41.763	0.585	0.0	44.088	0.754	0.0	35.216	0.781	0.0	38.149	1.162	0.0	42.015	0.556	0.0	46.077	0.718	0.0	33.522	0.742	0.0	37.073	0.971
143	12005	12006	SN	1	0.0	41.763	0.596	0.0	44.088	0.765	0.0	35.216	0.782	0.0	38.149	1.177	0.0	42.015	0.571	0.0	46.077	0.728	0.0	33.522	0.744	0.0	37.073	0.991
144	12005	12006	SN	1	0.0	43.771	2.185	0.0	45.05	2.728	0.0	35.722	2.357	0.0	40.606	3.308	0.0	44.843	2.145	0.0	47.126	2.586	0.0	36.463	2.193	0.0	38.74	2.909
145	12005	12006	SN	1	0.0	41.763	0.585	0.0	44.088	0.754	0.0	35.216	0.779	0.0	38.149	1.16	0.0	42.015	0.556	0.0	46.077	0.718	0.0	33.522	0.742	0.0	37.073	0.971
146	12005	12006	NS	1	0.0	41.023	1.03	0.0	52.259	1.323	0.0	38.437	1.207	0.0	37.201	1.556	0.0	42.534	1.046	0.0	51.713	1.278	0.0	36.062	1.181	0.0	38.219	1.487
147	12005	12006	SN	1	0.0	43.771	2.185	0.0	45.05	2.728	0.0	35.722	2.357	0.0	40.606	3.308	0.0	44.843	2.145	0.0	47.126	2.586	0.0	36.463	2.193	0.0	38.74	2.909
148	12005	12006	SN	1	0.0	43.771	2.228	0.0	45.05	2.76	0.0	36.375	2.406	0.0	40.606	3.352	0.0	44.843	2.187	0.0	47.126	2.626	0.0	36.463	2.233	0.0	38.74	2.954
149	12005	12006	NS	1	0.0	41.023	1.037	0.0	52.259	1.323	0.0	38.437	1.227	0.0	42.222	1.542	0.0	42.534	1.057	0.0	51.713	1.276	0.0	36.847	1.184	0.0	38.219	1.482
150	12006	12007	NS	1	0.0	43.09	4.75	0.0	56.877	6.348	0.0	45.788	3.787	0.0	45.499	5.567	0.0	44.404	4.689	0.0	57.311	5.912	0.0	46.812	3.702	0.0	44.345	5.027
151	12006	12007	NS	1	0.0	45.654	1.043	0.0	48.348	1.559	0.0	40.709	0.918	0.0	46.532	1.516	0.0	45.34	1.05	0.0	49.019	1.433	0.0	41.333	0.87	0.0	44.201	1.322
152	12006	12007	SN	1	0.0	38.398	0.85	0.0	44.216	1.171	0.0	47.241	1.289	0.0	39.309	1.826	0.0	38.932	0.814	0.0	44.171	1.085	0.0	46.799	1.186	0.0	38.219	1.532
153	12006	12007	SN	1	0.0	38.398	0.85	0.0	44.216	1.171	0.0	47.241	1.289	0.0	39.309	1.826	0.0	38.932	0.814	0.0	44.171	1.085	0.0	46.799	1.186	0.0	38.219	1.532
154	12006	12007	SN	1	0.0	41.149	3.158	0.0	41.187	3.78	0.0	37.676	3.82	0.0	41.382	4.899	0.0	39.783	3.158	0.0	40.448	3.422	0.0	37.706	3.756	0.0	38.39	4.484
155	12006	12007	NS	1	0.0	44.377	1.036	0.0	49.198	1.58	0.0	42.1	0.927	0.0	42.925	1.493	0.0	45.524	1.045	0.0	50.486	1.462	0.0	42.723	0.891	0.0	40.361	1.269
156	12006	12007	NS	1	0.0	43.316	4.76	0.0	54.536	6.389	0.0	48.715	3.808	0.0	48.02	5.504	0.0	43.741	4.73	0.0	54.972	5.942	0.0	49.739	3.78	0.0	49.184	5.042
157	12007	12008	SN	1	0.0	49.397	2.159	0.0	42.276	2.618	0.0	36.826	2.864	0.0	36.497	3.735	0.0	49.265	2.043	0.0	42.751	2.312	0.0	35.468	2.605	0.0	38.366	3.04
158	12007	12008	SN	1	0.0	39.789	0.61	0.0	43.166	0.843	0.0	47.634	0.976	0.0	37.747	1.381	0.0	39.84	0.561	0.0	42.715	0.697	0.0	45.615	0.881	0.0	35.384	1.088
159	12007	12008	NS	1	0.0	53.153	2.77	0.0	47.751	3.89	0.0	41.817	2.495	0.0	44.252	3.316	0.0	52.891	2.72	0.0	49.474	3.504	0.0	43.943	2.375	0.0	44.904	2.732
160	12007	12008	NS	1	0.0	53.153	2.77	0.0	48.732	3.9	0.0	44.628	2.453	0.0	44.252	3.309	0.0	52.891	2.71	0.0	50.457	3.524	0.0	45.573	2.361	0.0	44.997	2.747
161	12007	12008	NS	1	0.0	43.01	0.601	0.0	39.048	0.851	0.0	41.812	0.653	0.0	43.621	0.949	0.0	42.96	0.57	0.0	38.329	0.733	0.0	44.634	0.594	0.0	43.489	0.766
162	12007	12008	SN	1	0.0	39.789	0.59	0.0	43.166	0.814	0.0	47.634	0.952	0.0	40.278	1.335	0.0	39.84	0.538	0.0	42.715	0.673	0.0	45.615	0.851	0.0	35.384	1.049
163	12007	12008	SN	1	0.0	49.397	2.082	0.0	42.276	2.514	0.0	36.826	2.79	0.0	36.497	3.637	0.0	49.265	1.971	0.0	42.751	2.229	0.0	35.468	2.534	0.0	38.366	2.938
164	12007	12008	NS	1	0.0	40.041	0.583	0.0	39.048	0.835	0.0	42.108	0.647	0.0	44.391	0.942	0.0	40.253	0.556	0.0	38.329	0.735	0.0	44.93	0.587	0.0	44.26	0.757
165	12008	12009	SN	1	0.0	49.325	0.86	0.0	47.3	1.101	0.0	39.264	0.987	0.0	38.687	1.263	0.0	49.388	0.832	0.0	46.768	1.007	0.0	39.039	0.957	0.0	36.305	1.073
166	12008	12009	SN	1	0.0	50.213	3.422	0.0	47.329	3.829	0.0	38.729	3.294	0.0	43.85	3.945	0.0	50.15	3.554	0.0	45.806	3.605	0.0	41.21	3.087	0.0	43.66	3.603
167	12008	12009	NS	1	0.0	52.417	1.097	0.0	46.882	1.485	0.0	42.555	1.46	0.0	37.128	2.058	0.0	51.108	1.055	0.0	48.978	1.321	0.0	42.134	1.38	0.0	38.455	1.677
168	12008	12009	NS	1	0.0	52.417	1.093	0.0	46.88	1.481	0.0	41.41	1.46	0.0	36.679	2.081	0.0	51.109	1.048	0.0	48.977	1.334	0.0	40.99	1.375	0.0	37.754	1.693
169	12008	12009	NS	1	0.0	51.077	3.857	0.0	54.728	5.121	0.0	46.922	4.9	0.0	50.199	5.976	0.0	50.187	3.898	0.0	56.395	4.513	0.0	48.08	4.666	0.0	47.679	5.223
170	12008	12009	NS	1	0.0	47.709	3.867	0.0	54.728	5.131	0.0	47.51	4.836	0.0	45.881	5.991	0.0	48.522	3.898	0.0	56.468	4.553	0.0	48.666	4.588	0.0	47.325	5.259
171	12008	12009	SN	1	0.0	47.236	3.364	0.0	47.318	3.857	0.0	41.139	3.334	0.0	43.379	3.978	0.0	46.616	3.55	0.0	45.081	3.712	0.0	39.644	3.125	0.0	43.191	3.688
172	12008	12009	SN	1	0.0	49.325	0.848	0.0	47.3	1.085	0.0	39.264	0.978	0.0	38.687	1.244	0.0	49.388	0.821	0.0	46.768	0.992	0.0	39.039	0.945	0.0	36.305	1.06
173	12008	12009	SN	1	0.0	49.583	0.859	0.0	47.3	1.087	0.0	42.943	0.964	0.0	39.289	1.254	0.0	49.647	0.848	0.0	46.768	0.981	0.0	43.372	0.957	0.0	36.835	1.06
174	12008	12009	SN	1	0.0	47.236	3.321	0.0	47.318	3.798	0.0	41.139	3.294	0.0	43.379	3.924	0.0	46.616	3.504	0.0	45.081	3.655	0.0	39.644	3.073	0.0	43.191	3.631
175	12009	12010	SN	1	0.0	45.828	1.079	0.0	48.52	1.331	0.0	50.516	0.816	0.0	49.872	1.173	0.0	46.263	1.061	0.0	46.11	1.201	0.0	49.721	0.752	0.0	49.697	0.993

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

176	12009	12010	SN	1	0.0	55.347	4.482	0.0	57.151	5.032	0.0	47.662	3.095	0.0	48.649	4.024	0.0	57.18	4.482	0.0	55.504	4.737	0.0	47.145	3.116	0.0	51.226	3.581
177	12009	12010	NS	1	0.0	37.561	0.847	0.0	43.901	1.305	0.0	37.77	1.189	0.0	43.038	1.714	0.0	38.08	0.877	0.0	42.285	1.115	0.0	38.418	1.115	0.0	40.029	1.371
178	12009	12010	NS	1	0.0	41.449	3.179	0.0	46.566	4.462	0.0	47.963	3.844	0.0	49.216	4.875	0.0	40.529	3.159	0.0	44.77	4.127	0.0	47.673	3.816	0.0	46.697	4.214
179	12009	12010	NS	1	0.0	41.446	3.169	0.0	47.074	4.482	0.0	48.158	3.894	0.0	49.53	4.832	0.0	40.845	3.159	0.0	45.278	4.127	0.0	47.867	3.837	0.0	46.382	4.2
180	12009	12010	SN	1	0.0	53.387	4.441	0.0	54.134	5.022	0.0	45.038	3.195	0.0	49.43	4.066	0.0	53.566	4.512	0.0	52.352	4.676	0.0	44.603	3.195	0.0	50.807	3.588
181	12009	12010	SN	1	0.0	53.387	4.561	0.0	54.134	5.135	0.0	45.038	3.301	0.0	47.935	4.159	0.0	53.566	4.625	0.0	52.352	4.793	0.0	44.603	3.301	0.0	50.807	3.71
182	12009	12010	NS	1	0.0	37.331	0.838	0.0	43.992	1.316	0.0	39.557	1.193	0.0	42.563	1.722	0.0	38.091	0.874	0.0	42.377	1.1	0.0	37.743	1.136	0.0	39.753	1.385
183	12009	12010	SN	1	0.0	47.897	1.101	0.0	48.874	1.366	0.0	50.516	0.866	0.0	42.123	1.179	0.0	47.86	1.07	0.0	46.244	1.23	0.0	49.721	0.823	0.0	45.503	1.003
184	12009	12010	SN	1	0.0	47.897	1.07	0.0	48.874	1.342	0.0	50.516	0.827	0.0	42.123	1.151	0.0	47.86	1.04	0.0	46.244	1.201	0.0	49.721	0.777	0.0	45.503	0.971
185	12010	12011	SN	1	0.0	50.751	3.264	0.0	48.528	3.572	0.0	46.011	2.961	0.0	48.119	3.415	0.0	50.941	3.355	0.0	47.271	3.205	0.0	43.696	2.797	0.0	48.634	2.916
186	12010	12011	NS	1	0.0	36.747	0.739	0.0	41.921	1.019	0.0	35.969	0.994	0.0	44.297	1.427	0.0	37.662	0.716	0.0	40.911	0.942	0.0	36.483	0.934	0.0	39.761	1.29
187	12010	12011	SN	1	0.0	50.751	3.385	0.0	48.528	3.508	0.0	46.011	3.077	0.0	48.119	3.438	0.0	50.941	3.463	0.0	47.271	3.195	0.0	43.696	2.936	0.0	48.634	2.945
188	12010	12011	NS	1	0.0	41.673	2.631	0.0	47.445	3.704	0.0	39.178	3.198	0.0	41.918	4.041	0.0	40.937	2.55	0.0	45.061	3.471	0.0	40.649	3.17	0.0	43.01	3.609
189	12010	12011	NS	1	0.0	38.168	0.705	0.0	41.982	1.08	0.0	35.85	1.005	0.0	39.957	1.407	0.0	37.219	0.696	0.0	40.974	0.974	0.0	36.102	0.941	0.0	39.325	1.269
190	12010	12011	SN	1	0.0	50.865	3.253	0.0	47.252	3.602	0.0	45.666	2.989	0.0	48.121	3.436	0.0	51.054	3.335	0.0	47.228	3.216	0.0	44.021	2.797	0.0	48.635	2.973
191	12010	12011	SN	1	0.0	47.245	0.912	0.0	55.118	0.93	0.0	41.913	0.745	0.0	47.05	1.045	0.0	47.398	0.909	0.0	52.839	0.842	0.0	43.696	0.719	0.0	42.968	0.909
192	12010	12011	SN	1	0.0	47.108	0.923	0.0	56.164	0.948	0.0	42.129	0.754	0.0	47.793	1.052	0.0	47.262	0.912	0.0	53.886	0.864	0.0	44.021	0.715	0.0	42.688	0.92
193	12010	12011	SN	1	0.0	47.245	0.96	0.0	55.118	0.952	0.0	41.805	0.785	0.0	47.05	1.049	0.0	47.398	0.955	0.0	52.839	0.875	0.0	43.696	0.761	0.0	42.968	0.924
194	12010	12011	NS	1	0.0	40.782	2.56	0.0	45.618	3.754	0.0	42.682	3.163	0.0	43.526	3.999	0.0	40.045	2.52	0.0	43.235	3.501	0.0	41.837	3.127	0.0	44.932	3.545
195	12011	12012	NS	1	0.0	52.949	3.37	0.0	50.553	4.817	0.0	45.629	3.617	0.0	44.697	4.566	0.0	54.124	3.391	0.0	50.998	4.412	0.0	45.322	3.524	0.0	42.151	4.126
196	12011	12012	NS	1	0.0	52.949	3.37	0.0	50.553	4.766	0.0	44.866	3.609	0.0	47.102	4.63	0.0	54.124	3.381	0.0	50.998	4.351	0.0	44.579	3.446	0.0	45.636	4.134
197	12011	12012	SN	1	0.0	38.299	0.907	0.0	50.848	1.245	0.0	39.393	0.907	0.0	41.967	1.159	0.0	38.389	0.891	0.0	48.705	1.15	0.0	37.115	0.861	0.0	42.157	0.967
198	12011	12012	SN	1	0.0	45.949	3.553	0.0	49.195	4.446	0.0	40.268	3.237	0.0	39.272	3.593	0.0	47.485	3.553	0.0	49.598	4.171	0.0	39.651	3.066	0.0	38.918	3.315
199	12011	12012	NS	1	0.0	55.561	1.003	0.0	51.845	1.528	0.0	43.7	1.0	0.0	42.474	1.526	0.0	55.164	1.003	0.0	48.972	1.425	0.0	42.414	0.989	0.0	41.508	1.434
200	12011	12012	SN	1	0.0	45.949	3.553	0.0	49.195	4.446	0.0	40.268	3.237	0.0	39.272	3.593	0.0	47.485	3.553	0.0	49.598	4.171	0.0	39.651	3.066	0.0	38.918	3.315
201	12011	12012	SN	1	0.0	38.299	0.907	0.0	50.848	1.245	0.0	39.393	0.907	0.0	41.967	1.159	0.0	38.389	0.891	0.0	48.705	1.15	0.0	37.115	0.861	0.0	42.157	0.967
202	12011	12012	NS	1	0.0	55.561	1.012	0.0	51.845	1.526	0.0	43.7	0.986	0.0	42.474	1.51	0.0	55.164	1.003	0.0	48.972	1.411	0.0	42.319	0.984	0.0	41.508	1.402
203	12012	12013	NS	1	0.0	39.549	0.455	0.0	41.576	0.67	0.0	39.793	0.614	0.0	37.798	0.859	0.0	39.215	0.457	0.0	39.046	0.598	0.0	40.973	0.525	0.0	37.627	0.683
204	12012	12013	NS	1	0.0	45.898	1.457	0.0	41.412	2.015	0.0	42.069	1.886	0.0	43.868	2.802	0.0	48.108	1.386	0.0	43.207	1.843	0.0	42.408	1.751	0.0	40.494	2.319
205	12012	12013	NS	1	0.0	39.914	0.455	0.0	41.576	0.661	0.0	39.795	0.612	0.0	36.234	0.845	0.0	39.58	0.444	0.0	39.046	0.591	0.0	40.973	0.524	0.0	37.923	0.682
206	12012	12013	NS	1	0.0	45.817	1.416	0.0	41.381	2.025	0.0	43.452	1.922	0.0	43.675	2.787	0.0	48.032	1.376	0.0	43.189	1.843	0.0	42.228	1.758	0.0	40.728	2.319

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	11988	11989	SN	1	0.0	23.119	4.562	0.0	266.496	6.451	0.0	71.612	0.86	0.0	46.629	1.654	0.0	1.364	0.0	0.0	1.733	0.0	0.0	1.791	0.0	0.0	2.084	0.0
2	11988	11989	SN	1	0.0	28.27	12.443	0.0	167.902	13.0	0.0	75.043	7.299	0.0	47.357	9.837	0.0	1.365	0.0	0.0	1.733	0.0	0.0	1.783	0.0	0.0	2.085	0.0
3	11989	11990	NS	1	0.0	57.927	6.862	0.0	23.588	8.749	0.0	350.669	4.285	0.0	126.531	5.422	0.0	1.424	0.0	0.0	1.817	0.0	0.0	1.884	0.0	0.0	2.178	0.0
4	11989	11990	SN	1	0.0	28.286	12.482	0.0	237.738	12.814	0.0	84.959	7.512	0.0	202.845	9.487	0.0	1.369	0.0	0.0	1.736	0.0	0.0	1.779	0.0	0.0	2.084	0.0
5	11989	11990	NS	1	0.0	239.905	10.594	0.689	31.176	15.621	0.0	210.544	13.492	0.0	65.86	15.209	0.0	1.405	0.001	1.816	0.0	0.0	1.882	0.0	0.0	2.177	0.0	
6	11989	11990	NS	1	0.0	239.905	10.594	0.689	31.176	15.621	0.0	210.544	13.492	0.0	65.86	15.209	0.0	1.405	0.001	1.816	0.0	0.0	1.882	0.0	0.0	2.177	0.0	
7	11989	11990	SN	1	0.0	23.146	4.594	0.0	94.398	6.413	0.0	65.298	0.897	0.0	51.596	1.652	0.0	1.363	0.0	0.0	1.734	0.0	0.0	1.805	0.0	0.0	2.085	0.0
8	11989	11990	SN	1	0.0	23.146	4.589	0.0	94.398	6.391	0.0	65.298	0.911	0.0	51.596	1.546	0.0	1.363	0.0	0.0	1.734	0.0	0.0	1.805	0.0	0.0	2.085	0.0
9	11989	11990	SN	1	0.0	23.146	4.594	0.0	94.398	6.413	0.0	65.298	0.897	0.0	51.596	1.652	0.0	1.363	0.0	0.0	1.734	0.0	0.0	1.805	0.0	0.0	2.085	0.0
10	11989	11990	SN	1	0.0	28.286	12.466	0.0	237.738	12.944	0.0	84.959	7.46	0.0	202.845	9.832	0.0	1.369	0.0	0.0	1.736	0.0	0.0	1.779	0.0	0.0	2.084	0.0
11	11989	11990	SN	1	0.0	28.286	12.466	0.0	237.738	12.944	0.0	84.959	7.46	0.0	202.845	9.832	0.0	1.369	0.0	0.0	1.736	0.0	0.0	1.779	0.0	0.0	2.084	0.0
12	11989	11990	NS	1	0.0	57.927	6.862	0.0	23.588	8.747	0.0	350.669	4.285	0.0	126.531	5.42	0.0	1.424	0.0	0.0	1.817	0.0	0.0	1.884	0.0	0.0	2.178	0.0
13	11990	11991	SN	1	0.0	23.13	4.58	0.0	232.41	6.398	0.0	73.598	0.936	0.0	12.624	1.567	0.0	1.365	0.0	0.0	1.734	0.0	0.0	1.8	0.0	0.0	2.086	0.0
14	11990	11991	SN	1	0.0	28.292	12.503	0.0	23.345	12.839	0.0	75.666	7.579	0.0	18.988	9.603	0.0	1.387	0.0	0.0	1.736	0.0	0.0	1.774	0.0	0.0	2.087	0.0
15	11990	11991	SN	1	0.0	28.292	12.504	0.0	23.345	12.971	0.0	75.666	7.52	0.0	66.412	9.887	0.0	1.387	0.0	0.0	1.736	0.0	0.0	1.774	0.0	0.0	2.087	0.0
16	11990	11991	SN	1	0.0	28.292	12.503	0.0	23.345	12.839	0.0	75.666	7.579	0.0	18.988	9.603	0.0	1.387	0.0	0.0	1.736	0.0	0.0	1.774	0.0	0.0	2.087	0.0
17	11990	11991	SN	1	0.0	23.13	4.588	0.0	232.41	6.416	0.0	73.598	0.924	0.0	66.197	1.668	0.0	1.365	0.0	0.0	1.734	0.0	0.0	1.8	0.0	0.0	2.086	0.0
18	11990	11991	NS	1	0.0	141.887	10.567	0.0	29.163	15.603	0.0	140.106	13.523	0.0	61.95	15.134	0.0	1.409	0.0	0.0	1.815	0.0	0.0	1.87	0.0	0.0	2.175	0.0
19	11990	11991	NS	1	0.0	141.887	10.536	0.0	29.163	15.603	0.0	140.084	13.502	0.0	61.961	15.155	0.0	1.409	0.0	0.0	1.815	0.0	0.0	1.87	0.0	0.0	2.175	0.0
20	11990	11991	NS	1	0.0	238.554	6.862	0.0	23.588	8.741	0.0	176.21	4.276	0.0	133.331	5.381	0.0	1.41	0.0	0.0	1.817	0.0	0.0	1.884	0.0	0.0	2.176	0.0
21	11990	11991	NS	1	0.0	238.56	6.866	0.0	23.588	8.736	0.0	176.204	4.281	0.0	133.314	5.379	0.0	1.431	0.0	0.0	1.817	0.0	0.0	1.884	0.0	0.0	2.176	0.0
22	11991	11992	SN	1	0.0	28.292	12.513	0.0	23.345	12.981	0.0	78.076	7.669	0.0	61.046	9.794	0.0	1.37	0.0	0.0	1.736	0.0	0.0	1.781	0.0	0.0	2.087	0.0
23	11991	11992	SN	1	0.0	28.292	12.513	0.0	23.345	12.981	0.0	78.076	7.669	0.0	61.04	9.801	0.0	1.37	0.0	0.0	1.736	0.0	0.0	1.781	0.0	0.0	2.087	0.0
24	11991	11992	NS	1	0.0	149.415	10.526	0.0	29.169	15.59	0.0	261.094	13.502	0.0	72.55	15.162	0.0	1.398	0.0	0.0	1.815	0.0	0.0	1.872	0.0	0.0	2.176	0.0
25	11991	11992	SN	1	0.0	23.141	4.603	0.0	20.957	6.431	0.0	64.746	0.984	0.0	52.398	1.658	0.0	1.366	0.0	0.0	1.734	0.0	0.0	1.803	0.0	0.0	2.086	0.0
26	11991	11992	SN	1	0.0	23.141	4.603	0.0	20.968	6.431	0.0	64.746	0.984	0.0	52.392	1.66	0.0	1.366	0.0	0.0	1.734	0.0	0.0	1.803	0.0	0.0	2.086	0.0
27	11991	11992	SN	1	0.0	28.292	12.509	0.0	23.345	12.781	0.0	78.076	7.764	0.0	18.144	9.407	0.0	1.37	0.0	0.0	1.736	0.0	0.0	1.781	0.0	0.0	2.087	0.0
28	11991	11992	SN	1	0.0	23.141	4.597	0.0	18.089	6.407	0.0	64.746	1.003	0.0	12.061	1.556	0.0	1.366	0.0	0.0	1.734	0.0	0.0	1.804	0.0	0.0	2.086	0.0
29	11992	11993	NS	1	0.0	70.253	10.59	0.0	30.796	15.701	0.0	250.042	13.474	0.0	71.298	15.162	0.0	1.396	0.0	0.0	1.818	0.0	0.0	1.865	0.0	0.0	2.175	0.0
30	11992	11993	NS	1	0.0	156.16	10.6	0.0	30.79	15.712	0.0	250.036	13.474	0.0	71.259	15.176	0.0	1.393	0.0	0.0	1.818	0.0	0.0	1.864	0.0	0.0	2.175	0.0
31	11992	11993	SN	1	0.0	23.141	4.603	0.0	95.815	6.361	0.0	72.66	0.972	0.0	277.749	1.555	0.0	1.363	0.0	0.0	1.734	0.0	0.0	1.801	0.0	0.0	2.086	0.0

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

32	11992	11993	SN	1	0.0	23.141	4.61	0.0	95.815	6.42	0.0	72.66	0.95	0.0	277.749	1.68	0.0	1.363	0.0	0.0	1.734	0.0	0.0	1.801	0.0	0.0	2.086	0.0
33	11992	11993	SN	1	0.0	28.281	12.529	0.0	145.296	12.953	0.0	80.866	7.647	0.0	63.125	9.903	0.0	1.372	0.0	0.0	1.736	0.0	0.0	1.788	0.0	0.0	2.085	0.0
34	11992	11993	SN	1	0.0	28.281	12.529	0.0	145.296	12.953	0.0	80.866	7.647	0.0	63.125	9.903	0.0	1.372	0.0	0.0	1.736	0.0	0.0	1.788	0.0	0.0	2.085	0.0
35	11992	11993	NS	1	0.0	100.85	6.902	0.0	23.582	8.755	0.0	288.768	4.303	0.0	136.022	5.369	0.0	1.435	0.0	0.0	1.816	0.0	0.0	1.883	0.0	0.0	2.177	0.0
36	11992	11993	NS	1	0.0	44.972	6.907	0.0	23.582	8.755	0.0	288.917	4.293	0.0	136.105	5.374	0.0	1.436	0.0	0.0	1.816	0.0	0.0	1.883	0.0	0.0	2.177	0.0
37	11992	11993	SN	1	0.0	23.141	4.61	0.0	95.815	6.42	0.0	72.66	0.95	0.0	277.749	1.68	0.0	1.363	0.0	0.0	1.734	0.0	0.0	1.801	0.0	0.0	2.086	0.0
38	11992	11993	SN	1	0.0	28.281	12.539	0.0	145.296	12.698	0.0	80.866	7.757	0.0	60.701	9.332	0.0	1.372	0.0	0.0	1.736	0.0	0.0	1.788	0.0	0.0	2.085	0.0
39	11993	11994	SN	1	0.0	28.281	12.475	0.0	23.367	12.973	0.0	82.267	7.592	0.0	64.84	9.882	0.0	1.372	0.0	0.0	1.735	0.0	0.0	1.782	0.0	0.0	2.088	0.0
40	11993	11994	NS	1	0.0	254.997	6.884	0.0	23.588	8.758	0.0	272.698	4.277	0.0	135.2	5.399	0.0	1.438	0.0	0.0	1.817	0.0	0.0	1.884	0.0	0.0	2.177	0.0
41	11993	11994	NS	1	0.0	192.272	6.907	0.0	23.582	8.753	0.0	299.423	4.27	0.0	135.2	5.402	0.0	1.436	0.0	0.0	1.817	0.0	0.0	1.884	0.0	0.0	2.177	0.0
42	11993	11994	SN	1	0.0	28.281	12.505	0.0	23.367	12.613	0.0	82.267	7.74	0.0	14.532	9.103	0.0	1.372	0.0	0.0	1.735	0.0	0.0	1.782	0.0	0.0	2.088	0.0
43	11993	11994	SN	1	0.0	28.281	12.473	0.0	23.367	12.963	0.0	82.267	7.592	0.0	64.906	9.882	0.0	1.372	0.0	0.0	1.735	0.0	0.0	1.782	0.0	0.0	2.088	0.0
44	11993	11994	NS	1	0.0	212.887	10.539	0.0	29.163	15.662	0.0	139.665	13.467	0.0	73.636	15.119	0.0	1.398	0.0	0.0	1.819	0.0	0.0	1.864	0.0	0.0	2.175	0.0
45	11993	11994	NS	1	0.0	194.743	10.532	0.645	30.459	15.653	0.0	154.632	13.499	0.0	134.362	15.255	0.0	1.397	0.0	0.001	1.818	0.0	0.0	1.88	0.0	0.0	2.176	0.0
46	11993	11994	SN	1	0.0	23.135	4.603	0.0	20.976	6.414	0.0	73.929	0.973	0.0	46.304	1.675	0.0	1.364	0.0	0.0	1.733	0.0	0.0	1.803	0.0	0.0	2.086	0.0
47	11993	11994	SN	1	0.0	23.135	4.605	0.0	20.971	6.416	0.0	73.929	0.972	0.0	46.365	1.675	0.0	1.364	0.0	0.0	1.733	0.0	0.0	1.803	0.0	0.0	2.086	0.0
48	11993	11994	SN	1	0.0	23.135	4.613	0.0	19.319	6.336	0.0	73.929	1.009	0.0	11.841	1.509	0.0	1.364	0.0	0.0	1.733	0.0	0.0	1.803	0.0	0.0	2.086	0.0
49	11994	11995	SN	1	0.0	28.27	12.523	0.0	23.345	12.905	0.0	79.592	7.576	0.0	58.101	9.854	0.0	1.364	0.0	0.0	1.734	0.0	0.0	1.789	0.0	0.0	2.085	0.0
50	11994	11995	NS	1	0.0	253.778	6.881	0.0	23.593	8.758	0.0	348.066	4.284	0.0	117.304	5.399	0.0	1.429	0.0	0.0	1.817	0.0	0.0	1.882	0.0	0.0	2.177	0.0
51	11994	11995	NS	1	0.0	218.402	10.594	0.645	31.7	15.641	0.0	178.634	13.584	0.0	64.035	15.23	0.0	1.408	0.0	0.001	1.818	0.0	0.0	1.879	0.0	0.0	2.176	0.0
52	11994	11995	NS	1	0.0	194.754	10.604	0.645	31.706	15.631	0.0	227.612	13.591	0.0	63.974	15.209	0.0	1.397	0.0	0.001	1.818	0.0	0.0	1.879	0.0	0.0	2.176	0.0
53	11994	11995	SN	1	0.0	23.141	4.611	0.0	18.095	6.363	0.0	76.25	0.976	0.0	11.852	1.563	0.0	1.353	0.0	0.0	1.734	0.0	0.0	1.806	0.0	0.0	2.085	0.0
54	11994	11995	SN	1	0.0	28.27	12.542	0.0	23.345	12.65	0.0	79.592	7.696	0.0	15.883	9.24	0.0	1.364	0.0	0.0	1.734	0.0	0.0	1.789	0.0	0.0	2.085	0.0
55	11994	11995	SN	1	0.0	23.141	4.622	0.0	20.847	6.423	0.0	76.25	0.95	0.0	72.401	1.7	0.0	1.353	0.0	0.0	1.734	0.0	0.0	1.806	0.0	0.0	2.085	0.0
56	11994	11995	NS	1	0.0	101.131	6.89	0.0	23.588	8.749	0.0	350.068	4.288	0.0	109.644	5.415	0.0	1.438	0.0	0.0	1.818	0.0	0.0	1.883	0.0	0.0	2.177	0.0
57	11994	11995	SN	1	0.0	23.141	4.622	0.0	20.847	6.423	0.0	76.25	0.95	0.0	72.401	1.7	0.0	1.353	0.0	0.0	1.734	0.0	0.0	1.806	0.0	0.0	2.085	0.0
58	11994	11995	SN	1	0.0	28.27	12.523	0.0	23.345	12.905	0.0	79.592	7.576	0.0	58.101	9.854	0.0	1.364	0.0	0.0	1.734	0.0	0.0	1.789	0.0	0.0	2.085	0.0
59	11995	11996	NS	1	0.0	24.442	10.654	0.645	31.788	15.631	0.0	279.895	13.577	0.0	61.117	15.28	0.0	1.408	0.0	0.001	1.819	0.0	0.0	1.882	0.0	0.0	2.177	0.0
60	11995	11996	SN	1	0.0	28.237	12.655	0.0	23.356	12.455	0.0	76.725	7.897	0.0	133.824	8.539	0.0	1.371	0.0	0.0	1.733	0.0	0.0	1.781	0.0	0.0	2.083	0.0
61	11995	11996	SN	1	0.0	28.237	12.495	0.0	23.356	12.955	0.0	76.725	7.502	0.0	133.824	9.755	0.0	1.371	0.0	0.0	1.733	0.0	0.0	1.781	0.0	0.0	2.083	0.0
62	11995	11996	SN	1	0.0	28.237	12.495	0.0	23.356	12.945	0.0	76.725	7.502	0.0	133.824	9.762	0.0	1.371	0.0	0.0	1.733	0.0	0.0	1.781	0.0	0.0	2.083	0.0
63	11995	11996	NS	1	0.0	24.442	10.654	0.645	31.788	15.631	0.0	279.895	13.577	0.0	61.117	15.28	0.0	1.408	0.0	0.001	1.819	0.0	0.0	1.882	0.0	0.0	2.177	0.0
64	11995	11996	SN	1	0.0	23.102	4.622	0.0	18.089	6.324	0.0	62.435	1.002	0.0	181.981	1.51	0.0	1.352	0.0	0.0	1.733	0.0	0.0	1.79	0.0	0.0	2.084	0.0
65	11995	11996	SN	1	0.0	23.102	4.573	0.0	20.88	6.413	0.0	62.435	0.924	0.0	181.981	1.72	0.0	1.352	0.0	0.0	1.733	0.0	0.0	1.806	0.0	0.0	2.084	0.0
66	11995	11996	SN	1	0.0	23.102	4.575	0.0	20.88	6.413	0.0	62.435	0.924	0.0	181.981	1.718	0.0	1.352	0.0	0.0	1.733	0.0	0.0	1.806	0.0	0.0	2.084	0.0
67	11995	11996	NS	1	0.0	122.651	6.867	0.0	23.593	8.781	0.0	348.948	4.312	0.0	127.672	5.455	0.0	1.436	0.0	0.0	1.818	0.0	0.0	1.884	0.0	0.0	2.178	0.0
68	11995	11996	NS	1	0.0	122.651	6.867	0.0	23.593	8.778	0.0	348.948	4.312	0.0	127.672	5.455	0.0	1.436	0.0	0.0	1.818	0.0	0.0	1.884	0.0	0.0	2.178	0.0

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

69	11996	11997	SN	1	0.0	30.321	12.442	0.0	23.351	12.887	0.0	73.283	7.399	0.0	66.847	9.594	0.0	1.393	0.0	0.0	1.734	0.0	0.0	1.774	0.0	0.0	2.086	0.0
70	11996	11997	SN	1	0.0	25.215	4.513	0.0	20.996	6.361	0.0	65.43	0.902	0.0	45.548	1.676	0.0	1.352	0.0	0.0	1.732	0.0	0.0	1.79	0.0	0.0	2.084	0.0
71	11996	11997	NS	1	0.0	150.822	10.585	0.0	29.158	15.629	0.0	274.804	13.587	0.0	62.667	15.189	0.0	1.392	0.0	0.0	1.817	0.0	0.0	1.88	0.0	0.0	2.179	0.0
72	11996	11997	NS	1	0.0	264.229	6.925	0.0	23.577	8.794	0.0	210.681	4.335	0.0	133.0	5.443	0.0	1.438	0.0	0.0	1.819	0.0	0.0	1.886	0.0	0.0	2.178	0.0
73	11996	11997	NS	1	0.0	264.229	6.929	0.0	23.577	8.789	0.0	210.676	4.335	0.0	133.016	5.455	0.0	1.435	0.0	0.0	1.819	0.0	0.0	1.885	0.0	0.0	2.178	0.0
74	11996	11997	NS	1	0.0	153.058	10.575	0.0	29.152	15.639	0.0	274.804	13.601	0.0	62.645	15.189	0.0	1.39	0.0	0.0	1.817	0.0	0.0	1.88	0.0	0.0	2.179	0.0
75	11997	11998	NS	1	0.0	122.728	6.898	0.0	23.582	8.811	0.0	278.127	4.346	0.0	135.443	5.476	0.0	1.429	0.0	0.0	1.818	0.0	0.0	1.885	0.0	0.0	2.178	0.0
76	11997	11998	SN	1	0.0	28.237	12.5	0.0	23.345	12.989	0.0	83.188	7.384	0.0	61.724	9.748	0.0	1.369	0.0	0.0	1.734	0.0	0.0	1.783	0.0	0.0	2.085	0.0
77	11997	11998	SN	1	0.0	23.108	4.533	0.0	20.91	6.433	0.0	72.208	0.888	0.0	57.759	1.728	0.0	1.352	0.0	0.0	1.732	0.0	0.0	1.805	0.0	0.0	2.085	0.0
78	11997	11998	NS	1	0.0	150.816	10.571	0.0	29.163	15.66	0.0	219.345	13.602	0.0	136.22	15.244	0.0	1.397	0.0	0.0	1.819	0.0	0.0	1.867	0.0	0.0	2.176	0.0
79	11998	11999	NS	1	0.0	271.253	10.651	0.0	29.169	15.653	0.0	194.329	13.609	0.0	132.718	15.216	0.0	1.408	0.0	0.0	1.82	0.0	0.0	1.866	0.0	0.0	2.176	0.0
80	11998	11999	NS	1	0.0	206.275	6.886	0.0	23.588	8.78	0.0	289.436	4.343	0.0	128.847	5.454	0.0	1.437	0.0	0.0	1.818	0.0	0.0	1.885	0.0	0.0	2.177	0.0
81	11998	11999	SN	1	0.0	122.488	12.571	0.0	29.547	13.014	0.0	102.816	7.54	0.0	63.174	9.792	0.0	1.371	0.0	0.0	1.734	0.0	0.0	1.782	0.0	0.0	2.085	0.0
82	11998	11999	SN	1	0.0	118.539	4.576	0.0	228.1	6.412	0.0	100.114	0.941	0.0	240.711	1.77	0.0	1.351	0.0	0.0	1.732	0.0	0.0	1.808	0.0	0.0	2.118	0.0
83	11999	12000	NS	1	0.0	239.53	10.713	0.0	29.163	15.673	0.0	162.695	13.541	0.0	134.02	15.319	0.0	1.401	0.0	0.0	1.82	0.0	0.0	1.865	0.0	0.0	2.178	0.0
84	11999	12000	NS	1	0.0	239.53	10.715	0.0	29.163	15.44	0.0	162.662	13.778	0.0	18.2	15.042	0.0	1.401	0.0	0.0	1.82	0.0	0.0	1.865	0.0	0.0	2.178	0.0
85	11999	12000	NS	1	0.0	236.668	6.916	0.0	23.593	8.801	0.0	163.17	4.376	0.0	134.318	5.457	0.0	1.433	0.0	0.0	1.819	0.0	0.0	1.886	0.0	0.0	2.178	0.0
86	11999	12000	SN	1	0.0	28.248	12.52	0.0	23.654	12.902	0.0	75.55	7.526	0.0	276.288	9.782	0.0	1.37	0.0	0.0	1.732	0.0	0.0	1.783	0.0	0.0	2.084	0.0
87	11999	12000	NS	1	0.0	239.53	10.703	0.0	29.163	15.693	0.0	162.662	13.577	0.0	134.031	15.326	0.0	1.401	0.0	0.0	1.82	0.0	0.0	1.865	0.0	0.0	2.178	0.0
88	11999	12000	SN	1	0.0	23.119	4.545	0.0	20.905	6.413	0.0	73.873	0.93	0.0	42.703	1.755	0.0	1.351	0.0	0.0	1.732	0.0	0.0	1.809	0.0	0.0	2.085	0.0
89	11999	12000	SN	1	0.0	23.119	4.545	0.0	20.905	6.413	0.0	73.873	0.93	0.0	42.703	1.755	0.0	1.351	0.0	0.0	1.732	0.0	0.0	1.809	0.0	0.0	2.085	0.0
90	11999	12000	NS	1	0.0	236.674	6.916	0.0	23.593	8.805	0.0	163.137	4.367	0.0	134.334	5.466	0.0	1.427	0.0	0.0	1.819	0.0	0.0	1.886	0.0	0.0	2.18	0.0
91	11999	12000	NS	1	0.0	236.674	6.984	0.0	23.593	8.826	0.0	163.137	4.448	0.0	15.514	5.398	0.0	1.427	0.0	0.0	1.819	0.0	0.0	1.886	0.0	0.0	2.18	0.0
92	11999	12000	SN	1	0.0	28.248	12.52	0.0	23.654	12.902	0.0	75.55	7.526	0.0	276.288	9.782	0.0	1.37	0.0	0.0	1.732	0.0	0.0	1.783	0.0	0.0	2.084	0.0
93	12000	12001	SN	1	0.0	28.237	12.556	0.0	27.953	12.977	0.0	99.187	7.644	0.0	183.263	9.805	0.0	1.378	0.0	0.0	1.732	0.0	0.0	1.78	0.0	0.0	2.081	0.0
94	12000	12001	NS	1	0.0	24.542	10.764	0.0	29.158	15.653	0.0	169.446	13.564	0.0	134.356	15.326	0.0	1.407	0.0	0.0	1.821	0.0	0.0	1.865	0.0	0.0	2.178	0.0
95	12000	12001	SN	1	0.0	23.113	4.546	0.0	20.841	6.408	0.0	145.491	0.968	0.0	269.237	1.796	0.0	1.351	0.0	0.0	1.732	0.0	0.0	1.802	0.0	0.0	2.084	0.0
96	12000	12001	SN	1	0.0	28.237	12.556	0.0	27.953	12.977	0.0	99.187	7.644	0.0	183.263	9.805	0.0	1.378	0.0	0.0	1.732	0.0	0.0	1.78	0.0	0.0	2.081	0.0
97	12000	12001	NS	1	0.0	23.781	6.943	0.0	23.593	8.821	0.0	348.192	4.384	0.0	121.12	5.48	0.0	1.429	0.0	0.0	1.819	0.0	0.0	1.886	0.0	0.0	2.179	0.0
98	12000	12001	NS	1	0.0	24.542	10.874	0.0	29.158	15.241	0.0	169.446	14.113	0.0	15.563	14.699	0.0	1.407	0.0	0.0	1.821	0.0	0.0	1.865	0.0	0.0	2.178	0.0
99	12000	12001	NS	1	0.0	23.781	6.943	0.0	23.593	8.821	0.0	348.192	4.384	0.0	121.12	5.48	0.0	1.429	0.0	0.0	1.819	0.0	0.0	1.886	0.0	0.0	2.179	0.0
100	12000	12001	SN	1	0.0	23.113	4.546	0.0	20.841	6.412	0.0	145.491	0.967	0.0	269.237	1.796	0.0	1.351	0.0	0.0	1.732	0.0	0.0	1.802	0.0	0.0	2.084	0.0
101	12000	12001	NS	1	0.0	24.542	10.764	0.0	29.158	15.653	0.0	169.446	13.564	0.0	134.356	15.326	0.0	1.407	0.0	0.0	1.821	0.0	0.0	1.865	0.0	0.0	2.178	0.0
102	12000	12001	NS	1	0.0	23.781	7.117	0.0	23.593	8.894	0.0	348.192	4.607	0.0	15.508	5.53	0.0	1.429	0.0	0.0	1.819	0.0	0.0	1.886	0.0	0.0	2.179	0.0
103	12001	12002	SN	1	0.0	28.27	12.483	0.0	23.72	12.957	0.0	75.28	7.558	0.0	124.146	9.855	0.0	1.376	0.0	0.0	1.732	0.0	0.0	1.78	0.0	0.0	2.083	0.0
104	12001	12002	NS	1	0.0	238.405	7.355	0.0	23.571	8.927	0.0	355.4	4.843	0.0	15.503	5.738	0.0	1.435	0.0	0.0	1.819	0.0	0.0	1.887	0.0	0.0	2.178	0.0
105	12001	12002	NS	1	0.0	210.328	10.735	0.0	29.158	15.685	0.0	355.4	13.457	0.0	181.835	15.157	0.0	1.406	0.0	0.0	1.818	0.0	0.0	1.883	0.0	0.0	2.178	0.0

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

106	12001	12002	SN	1	0.0	23.119	4.512	0.0	20.841	6.417	0.0	62.463	0.943	0.0	155.989	1.792	0.0	1.35	0.0	0.0	1.731	0.0	0.0	1.805	0.0	0.0	2.083	0.0
107	12001	12002	SN	1	0.0	23.119	4.509	0.0	20.847	6.421	0.0	62.479	0.945	0.0	155.989	1.791	0.0	1.35	0.0	0.0	1.731	0.0	0.0	1.804	0.0	0.0	2.083	0.0
108	12001	12002	NS	1	0.0	238.405	6.994	0.0	23.582	8.816	0.0	355.4	4.389	0.0	133.673	5.45	0.0	1.435	0.0	0.0	1.819	0.0	0.0	1.887	0.0	0.0	2.178	0.0
109	12001	12002	NS	1	0.0	238.405	6.994	0.0	23.582	8.816	0.0	355.4	4.389	0.0	133.673	5.45	0.0	1.435	0.0	0.0	1.819	0.0	0.0	1.887	0.0	0.0	2.178	0.0
110	12001	12002	SN	1	0.0	28.27	12.483	0.0	23.72	12.967	0.0	75.269	7.559	0.0	124.146	9.855	0.0	1.376	0.0	0.0	1.732	0.0	0.0	1.775	0.0	0.0	2.083	0.0
111	12001	12002	NS	1	0.0	210.328	10.735	0.0	29.158	15.685	0.0	355.4	13.457	0.0	181.835	15.157	0.0	1.406	0.0	0.0	1.818	0.0	0.0	1.883	0.0	0.0	2.178	0.0
112	12001	12002	NS	1	0.0	210.328	10.858	0.0	29.158	15.016	0.0	355.4	14.576	0.0	15.563	14.459	0.0	1.406	0.0	0.0	1.818	0.0	0.0	1.883	0.0	0.0	2.178	0.0
113	12002	12003	NS	1	0.0	150.138	10.697	0.0	29.163	15.709	0.0	259.864	13.442	0.0	162.295	15.312	0.0	1.406	0.0	0.0	1.818	0.0	0.0	1.885	0.0	0.0	2.177	0.0
114	12002	12003	NS	1	0.0	78.801	7.644	0.0	23.582	9.089	0.0	206.595	5.157	0.0	15.514	6.12	0.0	1.428	0.0	0.0	1.82	0.0	0.0	1.887	0.0	0.0	2.179	0.0
115	12002	12003	NS	1	0.0	78.801	7.03	0.0	23.582	8.845	0.0	257.311	4.427	0.0	148.624	5.503	0.0	1.428	0.0	0.0	1.82	0.0	0.0	1.887	0.0	0.0	2.179	0.0
116	12002	12003	SN	1	0.0	28.259	12.534	0.0	23.577	12.93	0.0	73.978	7.406	0.0	280.082	9.76	0.0	1.379	0.0	0.0	1.741	0.0	0.0	1.78	0.0	0.0	2.093	0.0
117	12002	12003	SN	1	0.0	28.259	12.534	0.0	23.577	12.93	0.0	73.978	7.406	0.0	280.082	9.76	0.0	1.379	0.0	0.0	1.741	0.0	0.0	1.78	0.0	0.0	2.093	0.0
118	12002	12003	NS	1	0.0	78.801	7.03	0.0	23.582	8.845	0.0	257.311	4.427	0.0	148.624	5.503	0.0	1.428	0.0	0.0	1.82	0.0	0.0	1.887	0.0	0.0	2.179	0.0
119	12002	12003	NS	1	0.0	150.138	10.875	0.0	29.163	14.968	0.0	259.864	15.266	0.0	15.58	14.654	0.0	1.406	0.0	0.0	1.818	0.0	0.0	1.885	0.0	0.0	2.177	0.0
120	12002	12003	NS	1	0.0	150.138	10.697	0.0	29.163	15.709	0.0	259.864	13.442	0.0	162.295	15.312	0.0	1.406	0.0	0.0	1.818	0.0	0.0	1.885	0.0	0.0	2.177	0.0
121	12002	12003	SN	1	0.0	23.13	4.494	0.0	20.951	6.401	0.0	65.22	0.893	0.0	67.206	1.775	0.0	1.367	0.0	0.0	1.736	0.0	0.0	1.804	0.0	0.0	2.089	0.0
122	12002	12003	SN	1	0.0	23.13	4.494	0.0	20.951	6.401	0.0	65.22	0.893	0.0	67.206	1.773	0.0	1.367	0.0	0.0	1.736	0.0	0.0	1.804	0.0	0.0	2.089	0.0
123	12003	12004	SN	1	0.0	28.468	12.561	0.0	23.345	12.737	0.0	71.083	7.454	0.0	17.003	9.287	0.0	1.377	0.0	0.0	1.733	0.0	0.0	1.777	0.0	0.0	2.086	0.0
124	12003	12004	SN	1	0.0	28.468	12.543	0.0	23.577	12.955	0.0	71.083	7.349	0.0	61.856	9.788	0.0	1.377	0.0	0.0	1.733	0.0	0.0	1.777	0.0	0.0	2.086	0.0
125	12003	12004	SN	1	0.0	28.468	12.543	0.0	23.577	12.955	0.0	71.083	7.349	0.0	61.851	9.796	0.0	1.377	0.0	0.0	1.733	0.0	0.0	1.777	0.0	0.0	2.086	0.0
126	12003	12004	NS	1	0.0	24.558	10.613	0.0	29.147	15.628	0.0	355.969	13.449	0.0	151.668	15.105	0.0	1.406	0.0	0.0	1.818	0.0	0.0	1.881	0.0	0.0	2.177	0.0
127	12003	12004	SN	1	0.0	23.108	4.495	0.0	18.089	6.368	0.0	63.687	0.922	0.0	11.868	1.636	0.0	1.363	0.0	0.0	1.732	0.0	0.0	1.804	0.0	0.0	2.083	0.0
128	12003	12004	SN	1	0.0	23.108	4.499	0.0	20.96	6.41	0.0	63.687	0.9	0.0	52.63	1.763	0.0	1.363	0.0	0.0	1.732	0.0	0.0	1.805	0.0	0.0	2.083	0.0
129	12003	12004	SN	1	0.0	23.108	4.501	0.0	20.96	6.41	0.0	63.687	0.9	0.0	52.624	1.762	0.0	1.363	0.0	0.0	1.732	0.0	0.0	1.805	0.0	0.0	2.083	0.0
130	12003	12004	NS	1	0.0	23.803	6.959	0.0	24.145	8.829	0.0	355.969	4.402	0.0	129.211	5.44	0.0	1.434	0.0	0.0	1.82	0.0	0.0	1.886	0.0	0.0	2.178	0.0
131	12004	12005	NS	1	0.0	24.58	10.761	0.0	29.119	15.694	0.0	171.575	13.453	0.0	70.184	15.22	0.0	1.409	0.0	0.0	1.82	0.0	0.0	1.873	0.0	0.0	2.177	0.0
132	12004	12005	SN	1	0.0	28.331	12.528	0.0	23.659	12.789	0.0	77.348	7.512	0.0	19.06	9.533	0.0	1.38	0.0	0.0	1.733	0.0	0.0	1.781	0.0	0.0	2.086	0.0
133	12004	12005	SN	1	0.711	28.331	12.542	0.0	23.659	12.789	0.0	77.348	7.51	0.0	19.06	9.533	0.004	1.38	0.0	0.0	1.733	0.0	0.0	1.781	0.0	0.0	2.086	0.0
134	12004	12005	SN	1	0.0	23.13	4.567	0.0	20.877	6.418	0.0	75.622	0.921	0.0	60.136	1.797	0.0	1.354	0.0	0.0	1.731	0.0	0.0	1.808	0.0	0.0	2.083	0.0
135	12004	12005	SN	1	0.0	28.331	12.527	0.0	23.659	12.911	0.0	77.348	7.448	0.0	63.775	9.838	0.0	1.38	0.0	0.0	1.733	0.0	0.0	1.781	0.0	0.0	2.086	0.0
136	12004	12005	SN	1	0.0	23.13	4.569	0.0	19.639	6.392	0.0	75.622	0.934	0.0	12.116	1.678	0.0	1.354	0.0	0.0	1.731	0.0	0.0	1.808	0.0	0.0	2.083	0.0
137	12004	12005	SN	1	0.0	23.13	4.571	0.0	19.639	6.392	0.0	75.622	0.933	0.0	12.116	1.678	0.0	1.354	0.0	0.0	1.731	0.0	0.0	1.808	0.0	0.0	2.083	0.0
138	12004	12005	NS	1	0.0	23.83	6.943	0.0	23.555	8.839	0.0	137.795	4.389	0.0	127.38	5.461	0.0	1.43	0.0	0.0	1.819	0.0	0.0	1.887	0.0	0.0	2.18	0.0
139	12004	12005	NS	1	0.0	23.83	6.943	0.0	23.555	8.834	0.0	137.757	4.391	0.0	127.396	5.466	0.0	1.43	0.0	0.0	1.819	0.0	0.0	1.887	0.0	0.0	2.179	0.0
140	12004	12005	NS	1	0.0	24.58	10.751	0.0	29.119	15.694	0.0	171.575	13.453	0.0	70.184	15.206	0.0	1.409	0.0	0.0	1.82	0.0	0.0	1.873	0.0	0.0	2.177	0.0
141	12005	12006	NS	1	0.0	24.597	10.651	0.0	29.097	15.715	0.0	219.321	13.375	0.0	70.046	15.227	0.0	1.408	0.0	0.0	1.82	0.0	0.0	1.872	0.0	0.0	2.177	0.0
142	12005	12006	SN	1	0.0	23.13	4.569	0.0	20.839	6.396	0.0	73.19	0.948	0.0	205.426	1.77	0.0	1.359	0.0	0.0	1.732	0.0	0.0	1.806	0.0	0.0	2.084	0.0

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

143	12005	12006	SN	1	0.0	23.13	4.568	0.0	19.374	6.369	0.0	73.19	0.96	0.0	205.426	1.643	0.0	1.359	0.0	0.0	1.732	0.0	0.0	1.806	0.0	0.0	2.084	0.0
144	12005	12006	SN	1	0.0	28.843	12.491	0.0	23.659	12.898	0.0	75.208	7.49	0.0	283.016	9.795	0.0	1.374	0.0	0.0	1.734	0.0	0.0	1.781	0.0	0.0	2.086	0.0
145	12005	12006	SN	1	0.0	23.13	4.569	0.0	20.839	6.396	0.0	73.19	0.948	0.0	205.426	1.77	0.0	1.359	0.0	0.0	1.732	0.0	0.0	1.806	0.0	0.0	2.084	0.0
146	12005	12006	NS	1	0.0	23.808	6.931	0.0	23.549	8.838	0.0	143.845	4.346	0.0	112.219	5.471	0.0	1.432	0.0	0.0	1.818	0.0	0.0	1.887	0.0	0.0	2.179	0.0
147	12005	12006	SN	1	0.0	28.843	12.491	0.0	23.659	12.898	0.0	75.208	7.49	0.0	283.016	9.795	0.0	1.374	0.0	0.0	1.734	0.0	0.0	1.781	0.0	0.0	2.086	0.0
148	12005	12006	SN	1	0.0	28.843	12.514	0.0	23.373	12.726	0.0	75.208	7.558	0.0	270.15	9.442	0.0	1.374	0.0	0.0	1.734	0.0	0.0	1.781	0.0	0.0	2.086	0.0
149	12005	12006	NS	1	0.0	23.808	6.931	0.0	23.549	8.838	0.0	143.845	4.346	0.0	112.219	5.471	0.0	1.432	0.0	0.0	1.818	0.0	0.0	1.887	0.0	0.0	2.179	0.0
150	12006	12007	NS	1	0.0	194.732	10.563	0.0	29.114	15.592	0.0	178.678	13.31	0.0	60.577	15.28	0.0	1.397	0.0	0.0	1.82	0.0	0.0	1.866	0.0	0.0	2.176	0.0
151	12006	12007	NS	1	0.0	255.003	6.907	0.0	23.924	8.811	0.0	347.861	4.317	0.0	131.886	5.436	0.0	1.436	0.0	0.0	1.819	0.0	0.0	1.885	0.0	0.0	2.178	0.0
152	12006	12007	SN	1	0.0	23.124	4.588	0.0	20.808	6.412	0.0	73.201	0.959	0.0	169.258	1.803	0.0	1.357	0.0	0.0	1.732	0.0	0.0	1.8	0.0	0.0	2.085	0.0
153	12006	12007	SN	1	0.0	23.124	4.588	0.0	20.808	6.412	0.0	73.201	0.959	0.0	169.258	1.803	0.0	1.357	0.0	0.0	1.732	0.0	0.0	1.8	0.0	0.0	2.085	0.0
154	12006	12007	SN	1	0.0	28.281	12.642	0.0	23.714	12.984	0.0	79.659	7.42	0.0	58.073	9.87	0.0	1.382	0.0	0.0	1.733	0.0	0.0	1.788	0.0	0.0	2.082	0.0
155	12006	12007	NS	1	0.0	154.205	6.909	0.0	23.919	8.813	0.0	347.861	4.317	0.0	131.853	5.431	0.0	1.436	0.0	0.0	1.818	0.0	0.0	1.884	0.0	0.0	2.178	0.0
156	12006	12007	NS	1	0.0	261.513	10.563	0.0	29.108	15.602	0.0	205.977	13.31	0.0	60.56	15.288	0.0	1.397	0.0	0.0	1.82	0.0	0.0	1.866	0.0	0.0	2.176	0.0
157	12007	12008	SN	1	0.0	28.286	12.617	0.0	23.422	12.624	0.0	76.537	7.646	0.0	62.328	9.15	0.0	1.385	0.0	0.0	1.733	0.0	0.0	1.788	0.0	0.0	2.081	0.0
158	12007	12008	SN	1	0.0	23.141	4.569	0.0	19.325	6.325	0.0	62.022	0.991	0.0	77.257	1.617	0.0	1.356	0.0	0.0	1.733	0.0	0.0	1.801	0.0	0.0	2.084	0.0
159	12007	12008	NS	1	0.0	207.378	10.698	0.0	29.119	15.771	0.0	163.109	13.37	0.0	146.666	15.341	0.0	1.405	0.0	0.0	1.818	0.0	0.0	1.883	0.0	0.0	2.176	0.0
160	12007	12008	NS	1	0.0	106.911	10.688	0.0	29.114	15.792	0.0	163.131	13.37	0.0	146.699	15.334	0.0	1.406	0.0	0.0	1.818	0.0	0.0	1.883	0.0	0.0	2.176	0.0
161	12007	12008	NS	1	0.0	238.411	6.937	0.0	23.555	8.851	0.0	155.653	4.35	0.0	134.864	5.515	0.0	1.437	0.0	0.0	1.818	0.0	0.0	1.885	0.0	0.0	2.178	0.0
162	12007	12008	SN	1	0.0	23.141	4.577	0.0	20.858	6.4	0.0	62.022	0.958	0.0	77.257	1.775	0.0	1.356	0.0	0.0	1.733	0.0	0.0	1.801	0.0	0.0	2.084	0.0
163	12007	12008	SN	1	0.0	28.286	12.595	0.0	23.714	12.917	0.0	76.537	7.501	0.0	65.485	9.855	0.0	1.385	0.0	0.0	1.733	0.0	0.0	1.788	0.0	0.0	2.081	0.0
164	12007	12008	NS	1	0.0	159.552	6.937	0.0	23.555	8.863	0.0	155.691	4.339	0.0	134.897	5.512	0.0	1.439	0.0	0.0	1.818	0.0	0.0	1.885	0.0	0.0	2.18	0.0
165	12008	12009	SN	1	0.0	23.113	4.579	0.0	19.325	6.389	0.0	64.581	0.964	0.0	12.094	1.661	0.0	1.354	0.0	0.0	1.731	0.0	0.0	1.81	0.0	0.0	2.083	0.0
166	12008	12009	SN	1	0.0	28.248	12.654	0.0	23.373	12.931	0.0	73.344	7.491	0.0	65.32	9.81	0.0	1.377	0.0	0.0	1.734	0.0	0.0	1.774	0.0	0.0	2.084	0.0
167	12008	12009	NS	1	0.0	105.797	6.981	0.0	23.56	8.84	0.0	143.36	4.361	0.0	123.9	5.485	0.0	1.438	0.0	0.0	1.819	0.0	0.0	1.886	0.0	0.0	2.179	0.0
168	12008	12009	NS	1	0.0	270.276	6.984	0.0	23.566	8.847	0.0	143.354	4.357	0.0	123.977	5.489	0.0	1.437	0.0	0.0	1.819	0.0	0.0	1.886	0.0	0.0	2.179	0.0
169	12008	12009	NS	1	0.0	207.996	10.721	0.0	29.125	15.678	0.0	149.002	13.41	0.0	63.919	15.307	0.0	1.404	0.0	0.0	1.817	0.0	0.0	1.88	0.0	0.0	2.178	0.0
170	12008	12009	NS	1	0.0	107.303	10.741	0.0	29.13	15.678	0.0	148.98	13.409	0.0	63.952	15.3	0.0	1.404	0.0	0.0	1.817	0.0	0.0	1.882	0.0	0.0	2.179	0.0
171	12008	12009	SN	1	0.0	28.248	12.652	0.0	23.373	12.77	0.0	73.344	7.565	0.0	17.328	9.456	0.0	1.377	0.0	0.0	1.734	0.0	0.0	1.774	0.0	0.0	2.084	0.0
172	12008	12009	SN	1	0.0	23.113	4.573	0.0	20.899	6.413	0.0	64.581	0.948	0.0	64.559	1.809	0.0	1.354	0.0	0.0	1.731	0.0	0.0	1.81	0.0	0.0	2.083	0.0
173	12008	12009	SN	1	0.0	23.113	4.573	0.0	20.899	6.413	0.0	64.581	0.948	0.0	64.559	1.809	0.0	1.354	0.0	0.0	1.731	0.0	0.0	1.81	0.0	0.0	2.083	0.0
174	12008	12009	SN	1	0.0	28.248	12.654	0.0	23.373	12.931	0.0	73.344	7.491	0.0	65.32	9.81	0.0	1.377	0.0	0.0	1.734	0.0	0.0	1.774	0.0	0.0	2.084	0.0
175	12009	12010	SN	1	0.0	23.086	4.533	0.0	20.94	6.376	0.0	63.07	0.957	0.0	209.38	1.791	0.0	1.35	0.0	0.0	1.731	0.0	0.0	1.809	0.0	0.0	2.083	0.0
176	12009	12010	SN	1	0.0	28.22	12.602	0.0	23.494	12.957	0.0	70.818	7.307	0.0	62.253	9.774	0.0	1.378	0.0	0.0	1.733	0.0	0.0	1.779	0.0	0.0	2.084	0.0
177	12009	12010	NS	1	0.0	257.702	6.986	0.0	23.56	8.847	0.0	355.908	4.41	0.0	130.535	5.515	0.0	1.438	0.0	0.0	1.819	0.0	0.0	1.886	0.0	0.0	2.18	0.0
178	12009	12010	NS	1	0.0	212.512	10.761	0.0	29.13	15.698	0.0	355.908	13.468	0.0	72.815	15.328	0.0	1.407	0.0	0.0	1.818	0.0	0.0	1.885	0.0	0.0	2.179	0.0
179	12009	12010	NS	1	0.0	271.892	10.751	0.0	29.13	15.688	0.0	355.897	13.475	0.0	72.754	15.335	0.0	1.406	0.0	0.0	1.818	0.0	0.0	1.884	0.0	0.0	2.178	0.0

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

180	12009	12010	SN	1	0.0	28.22	12.602	0.0	23.494	12.957	0.0	70.818	7.308	0.0	62.292	9.774	0.0	1.378	0.0	0.0	1.733	0.0	0.0	1.779	0.0	0.0	2.084	0.0
181	12009	12010	SN	1	0.0	28.22	12.619	0.0	23.362	12.587	0.0	70.818	7.49	0.0	48.27	8.946	0.0	1.378	0.0	0.0	1.733	0.0	0.0	1.779	0.0	0.0	2.084	0.0
182	12009	12010	NS	1	0.0	258.496	6.988	0.0	23.56	8.838	0.0	355.897	4.41	0.0	130.446	5.517	0.0	1.435	0.0	0.0	1.819	0.0	0.0	1.885	0.0	0.0	2.179	0.0
183	12009	12010	SN	1	0.0	23.086	4.532	0.0	19.325	6.28	0.0	63.07	1.0	0.0	209.38	1.596	0.0	1.35	0.0	0.0	1.731	0.0	0.0	1.81	0.0	0.0	2.083	0.0
184	12009	12010	SN	1	0.0	23.086	4.536	0.0	20.94	6.378	0.0	63.07	0.957	0.0	209.38	1.793	0.0	1.35	0.0	0.0	1.731	0.0	0.0	1.809	0.0	0.0	2.083	0.0
185	12010	12011	SN	1	0.0	28.182	12.505	0.0	23.659	12.913	0.0	76.173	7.246	0.0	129.842	9.795	0.0	1.396	0.0	0.0	1.732	0.0	0.0	1.781	0.0	0.0	2.085	0.0
186	12010	12011	NS	1	0.0	206.675	7.041	0.0	23.566	8.88	0.0	151.776	4.45	0.0	117.574	5.547	0.0	1.407	0.0	0.0	1.82	0.0	0.0	1.888	0.0	0.0	2.18	0.0
187	12010	12011	SN	1	0.0	28.182	12.624	0.0	23.488	12.366	0.0	76.173	7.586	0.0	129.842	8.545	0.0	1.396	0.0	0.0	1.732	0.0	0.0	1.778	0.0	0.0	2.085	0.0
188	12010	12011	NS	1	0.0	58.87	10.697	0.0	29.136	15.766	0.0	150.783	13.346	0.0	133.231	15.372	0.0	1.394	0.0	0.0	1.819	0.0	0.0	1.883	0.0	0.0	2.179	0.0
189	12010	12011	NS	1	0.0	120.638	7.038	0.0	23.566	8.871	0.0	208.04	4.452	0.0	111.717	5.533	0.0	1.438	0.0	0.0	1.819	0.0	0.0	1.888	0.0	0.0	2.18	0.0
190	12010	12011	SN	1	0.0	28.187	12.505	0.0	23.659	12.913	0.0	76.228	7.274	0.0	64.366	9.823	0.0	1.367	0.0	0.0	1.731	0.0	0.0	1.781	0.0	0.0	2.084	0.0
191	12010	12011	SN	1	0.0	23.069	4.519	0.0	20.833	6.379	0.0	74.32	0.934	0.0	175.129	1.794	0.0	1.35	0.0	0.0	1.731	0.0	0.0	1.803	0.0	0.0	2.084	0.0
192	12010	12011	SN	1	0.0	23.075	4.519	0.0	20.833	6.388	0.0	74.37	0.932	0.0	136.036	1.806	0.0	1.349	0.0	0.0	1.73	0.0	0.0	1.802	0.0	0.0	2.083	0.0
193	12010	12011	SN	1	0.0	23.069	4.559	0.0	18.1	6.268	0.0	74.32	1.018	0.0	175.129	1.527	0.0	1.35	0.0	0.0	1.731	0.0	0.0	1.787	0.0	0.0	2.084	0.0
194	12010	12011	NS	1	0.0	124.256	10.718	0.0	29.141	15.786	0.0	187.96	13.353	0.0	133.16	15.386	0.0	1.392	0.0	0.0	1.817	0.0	0.0	1.882	0.0	0.0	2.178	0.0
195	12011	12012	NS	1	0.0	24.575	10.678	0.0	29.108	15.726	0.0	247.789	13.374	0.0	138.928	15.357	0.0	1.411	0.0	0.0	1.819	0.0	0.0	1.883	0.0	0.0	2.179	0.0
196	12011	12012	NS	1	0.0	24.575	10.678	0.0	29.108	15.726	0.0	247.789	13.374	0.0	138.928	15.357	0.0	1.411	0.0	0.0	1.819	0.0	0.0	1.883	0.0	0.0	2.179	0.0
197	12011	12012	SN	1	0.0	23.091	4.481	0.0	20.894	6.418	0.0	69.467	0.982	0.0	75.649	1.833	0.0	1.351	0.0	0.0	1.732	0.0	0.0	1.802	0.0	0.0	2.083	0.0
198	12011	12012	SN	1	0.0	28.231	12.467	0.0	235.896	12.879	0.0	75.726	7.498	0.0	47.01	9.888	0.0	1.37	0.0	0.0	1.732	0.0	0.0	1.78	0.0	0.0	2.083	0.0
199	12011	12012	NS	1	0.0	167.686	7.031	0.0	23.56	8.857	0.0	350.189	4.444	0.0	115.567	5.523	0.0	1.425	0.0	0.0	1.82	0.0	0.0	1.89	0.0	0.0	2.18	0.0
200	12011	12012	SN	1	0.0	28.231	12.467	0.0	235.896	12.879	0.0	75.726	7.498	0.0	47.01	9.888	0.0	1.37	0.0	0.0	1.732	0.0	0.0	1.78	0.0	0.0	2.083	0.0
201	12011	12012	SN	1	0.0	23.091	4.481	0.0	20.894	6.418	0.0	69.467	0.982	0.0	75.649	1.833	0.0	1.351	0.0	0.0	1.732	0.0	0.0	1.802	0.0	0.0	2.083	0.0
202	12011	12012	NS	1	0.0	167.686	7.031	0.0	23.56	8.857	0.0	350.189	4.444	0.0	115.567	5.523	0.0	1.425	0.0	0.0	1.82	0.0	0.0	1.89	0.0	0.0	2.18	0.0
203	12012	12013	NS	1	0.0	23.825	7.019	0.0	23.555	8.876	0.0	350.205	4.446	0.0	134.147	5.528	0.0	1.431	0.0	0.0	1.819	0.0	0.0	1.89	0.0	0.0	2.179	0.0
204	12012	12013	NS	1	0.0	24.492	10.602	0.0	31.502	15.713	0.0	140.696	13.359	0.0	140.197	15.349	0.0	1.411	0.0	0.0	1.821	0.0	0.0	1.864	0.0	0.0	2.177	0.0
205	12012	12013	NS	1	0.0	23.825	7.019	0.0	23.555	8.876	0.0	350.205	4.444	0.0	134.147	5.528	0.0	1.431	0.0	0.0	1.819	0.0	0.0	1.89	0.0	0.0	2.179	0.0
206	12012	12013	NS	1	0.0	24.492	10.602	0.0	31.502	15.713	0.0	140.696	13.352	0.0	140.197	15.349	0.0	1.411	0.0	0.0	1.821	0.0	0.0	1.864	0.0	0.0	2.177	0.0

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