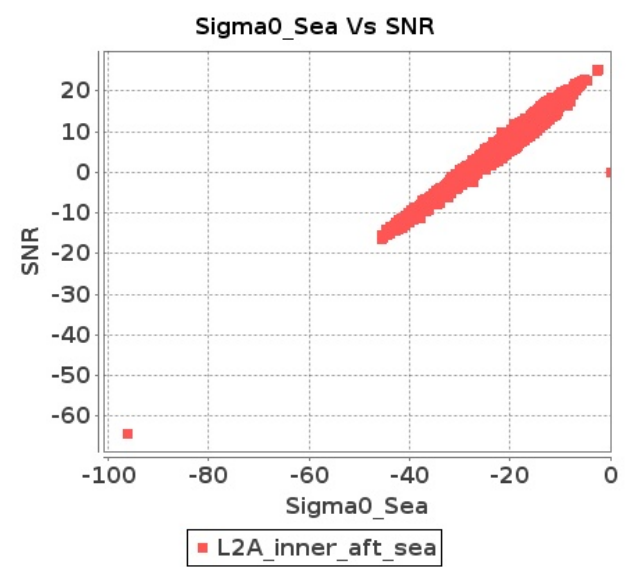


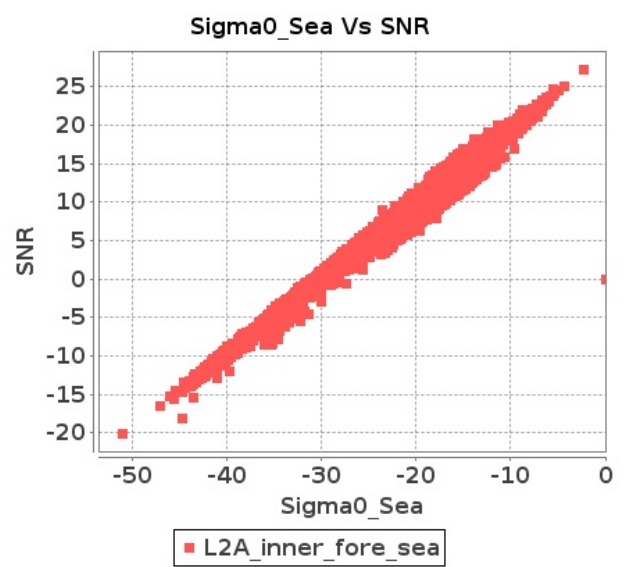
SCATSAT-1 Scatterometer Level-2A Data Quality Cycle wise Report

Report between 08-JUL-2017 To 09-JUL-2017

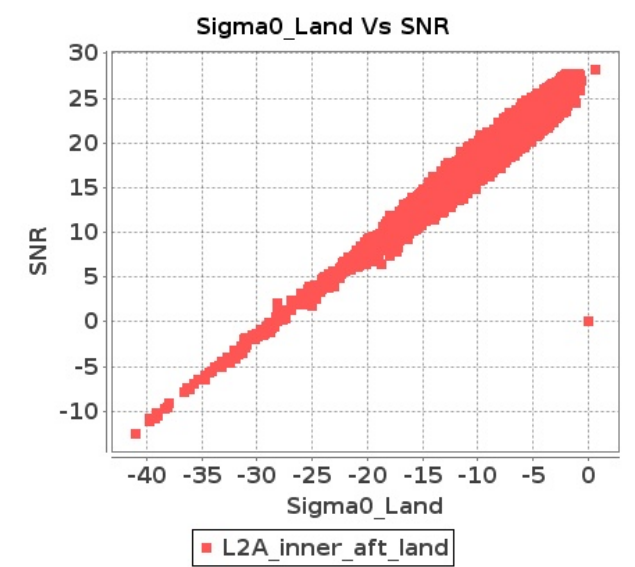
Inner Sea Aft Sigma0VsSNR



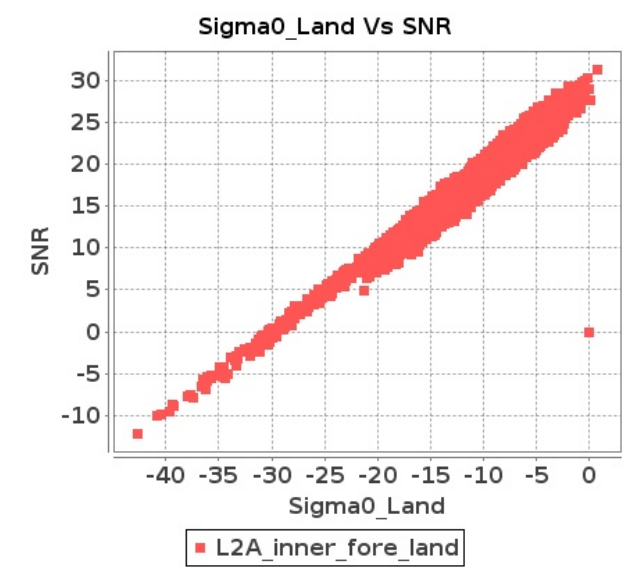
Inner Sea Fore Sigma0VsSNR



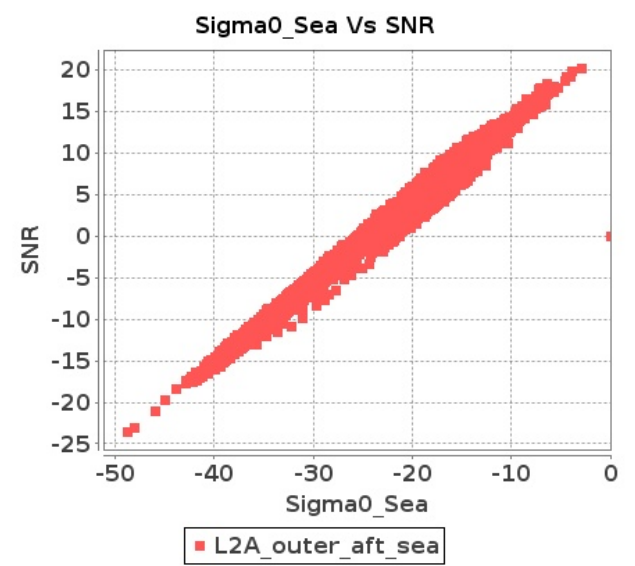
Inner Land Aft Sigma0VsSNR



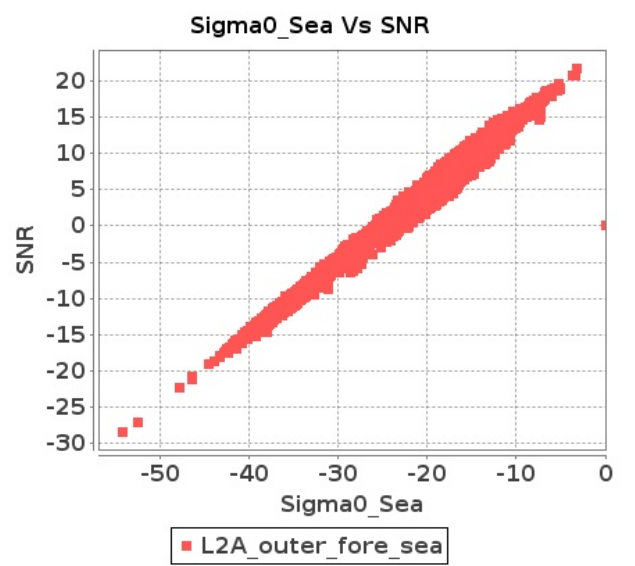
Inner Land Fore Sigma0VsSNR



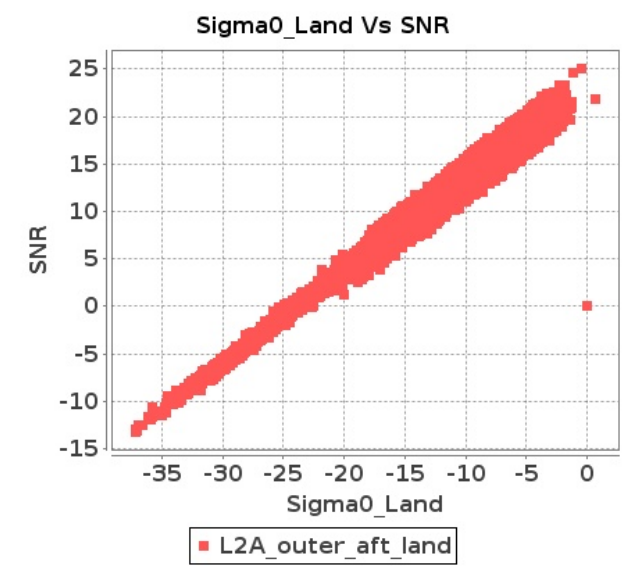
Outer Sea Aft Sigma0VsSNR



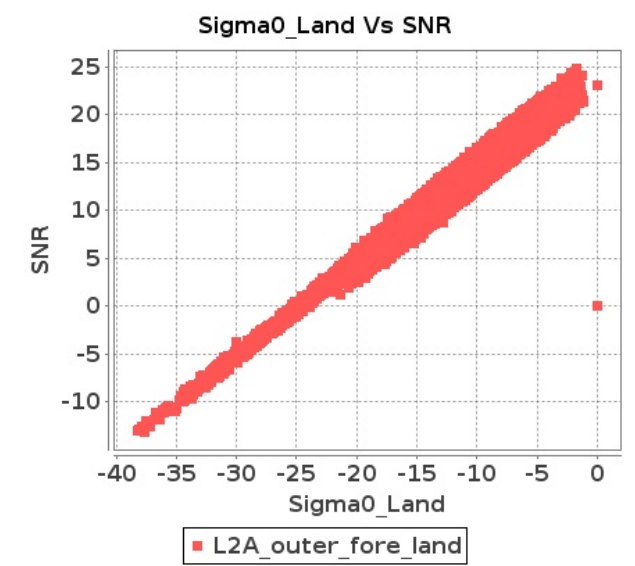
Outer Sea Fore Sigma0VsSNR



Outer Land Aft Sigma0VsSNR



Outer Land Fore Sigma0VsSNR



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

Report between 08-JUL-2017 To 09-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	4129	4130	SN	1	0.0	44.724	3.265	0.0	48.916	3.432	0.0	44.663	1.997	0.0	48.081	2.468	0.0	46.032	2.982	0.0	48.574	3.191	0.0	44.988	1.778	0.0	45.191	2.238
2	4129	4130	SN	1	0.0	44.724	3.15	0.0	48.916	3.284	0.0	44.663	1.993	0.0	48.081	2.385	0.0	47.032	2.866	0.0	48.574	3.05	0.0	44.988	1.766	0.0	45.191	2.156
3	4129	4130	SN	1	0.0	43.871	3.193	0.0	52.128	3.216	0.0	43.61	2.053	0.0	45.338	2.362	0.0	45.15	2.853	0.0	55.319	2.982	0.0	44.294	1.775	0.0	46.776	2.157
4	4129	4130	SN	1	0.0	51.411	6.925	0.0	48.579	7.329	0.0	43.44	5.851	0.0	43.519	6.653	0.0	54.685	6.323	0.0	50.584	6.861	0.0	42.639	5.156	0.0	43.859	6.214
5	4129	4130	SN	1	0.0	55.704	6.844	0.0	45.703	7.346	0.0	46.871	5.972	0.0	44.318	6.595	0.0	53.9	6.232	0.0	48.27	6.873	0.0	46.102	5.27	0.0	47.113	6.175
6	4129	4130	SN	1	0.0	51.411	7.046	0.0	48.579	7.659	0.0	43.44	5.745	0.0	43.519	6.903	0.0	54.685	6.401	0.0	50.584	7.17	0.0	42.639	5.077	0.0	43.859	6.466
7	4130	4131	NS	1	0.0	51.48	8.238	0.0	56.795	7.151	0.0	49.605	5.319	0.0	45.426	5.229	0.0	50.509	7.624	0.0	54.722	6.608	0.0	46.173	4.977	0.0	45.171	4.695
8	4130	4131	NS	1	0.0	51.48	8.238	0.0	56.795	7.151	0.0	49.605	5.319	0.0	45.426	5.229	0.0	50.509	7.624	0.0	54.722	6.608	0.0	46.173	4.977	0.0	45.171	4.695
9	4130	4131	SN	1	0.0	53.365	7.531	0.0	56.241	8.035	0.0	49.543	5.913	0.0	48.119	6.59	0.0	54.161	7.33	0.0	52.781	7.41	0.0	52.532	5.877	0.0	46.962	6.29
10	4130	4131	SN	1	0.0	53.365	7.532	0.0	56.241	8.128	0.0	49.543	5.913	0.0	48.119	6.662	0.0	54.161	7.332	0.0	52.781	7.496	0.0	52.532	5.877	0.0	46.962	6.359
11	4130	4131	SN	1	0.0	53.365	7.655	0.0	56.241	8.177	0.0	49.543	6.015	0.0	48.119	6.71	0.0	54.161	7.451	0.0	52.781	7.542	0.0	52.532	5.979	0.0	46.962	6.405
12	4130	4131	SN	1	0.0	45.951	3.275	0.0	49.943	3.237	0.0	45.261	2.14	0.0	50.508	2.361	0.0	44.22	3.059	0.0	51.844	3.102	0.0	45.168	2.034	0.0	52.802	2.249
13	4130	4131	SN	1	0.0	45.951	3.33	0.0	49.943	3.255	0.0	45.261	2.177	0.0	50.508	2.374	0.0	44.22	3.11	0.0	51.844	3.119	0.0	45.168	2.067	0.0	52.802	2.262
14	4130	4131	NS	1	0.0	49.402	2.568	0.0	43.468	1.972	0.0	47.81	1.604	0.0	46.577	1.428	0.0	50.825	2.22	0.0	44.783	1.717	0.0	46.21	1.428	0.0	45.364	1.29
15	4130	4131	NS	1	0.0	49.402	2.568	0.0	43.468	1.972	0.0	47.81	1.604	0.0	46.577	1.428	0.0	50.825	2.22	0.0	44.783	1.717	0.0	46.21	1.428	0.0	45.364	1.29
16	4131	4132	NS	1	0.0	49.062	4.727	0.0	44.51	3.893	0.0	47.406	3.169	0.0	50.12	3.028	0.0	48.593	3.993	0.0	44.349	3.138	0.0	47.695	2.777	0.0	50.854	2.6
17	4131	4132	SN	1	0.0	45.889	7.97	0.0	50.135	8.371	0.0	44.934	6.435	0.0	50.445	7.123	0.0	45.663	7.514	0.0	51.821	8.34	0.0	46.092	6.37	0.0	51.624	6.878
18	4131	4132	SN	1	0.0	46.574	3.103	0.0	56.144	3.381	0.0	44.648	2.356	0.0	41.996	2.506	0.0	45.563	2.932	0.0	55.222	3.264	0.0	44.953	2.241	0.0	44.097	2.488
19	4131	4132	NS	1	0.0	43.458	1.61	0.0	44.277	1.136	0.0	40.756	0.967	0.0	39.082	0.983	0.0	45.332	1.255	0.0	45.901	0.919	0.0	37.301	0.8	0.0	39.424	0.825
20	4131	4132	NS	1	0.0	45.466	1.487	0.0	45.174	1.089	0.0	40.548	0.963	0.0	38.754	0.969	0.0	44.665	1.187	0.0	43.948	0.829	0.0	38.256	0.853	0.0	36.382	0.79
21	4131	4132	SN	1	0.0	46.574	3.141	0.0	56.144	3.382	0.0	44.648	2.379	0.0	41.996	2.511	0.0	45.563	2.965	0.0	55.222	3.266	0.0	44.953	2.266	0.0	44.097	2.49
22	4131	4132	SN	1	0.0	46.574	3.141	0.0	56.144	3.387	0.0	44.648	2.379	0.0	41.996	2.514	0.0	45.563	2.965	0.0	55.222	3.27	0.0	44.953	2.266	0.0	44.097	2.493
23	4131	4132	SN	1	0.0	45.889	7.873	0.0	50.135	8.363	0.0	44.934	6.36	0.0	50.445	7.116	0.0	45.663	7.423	0.0	51.821	8.332	0.0	46.092	6.282	0.0	51.624	6.871
24	4131	4132	NS	1	0.0	49.843	4.806	0.0	47.233	3.914	0.0	47.507	3.117	0.0	43.512	2.914	0.0	50.02	4.093	0.0	47.726	3.211	0.0	47.645	2.698	0.0	44.336	2.531
25	4131	4132	SN	1	0.0	45.889	7.97	0.0	50.135	8.371	0.0	44.934	6.435	0.0	50.445	7.123	0.0	45.663	7.514	0.0	51.821	8.34	0.0	46.092	6.37	0.0	51.624	6.878
26	4132	4133	SN	1	0.0	45.728	8.261	0.0	48.16	8.197	0.0	44.578	6.92	0.0	42.185	7.096	0.0	44.432	8.091	0.0	48.289	8.177	0.0	45.77	6.756	0.0	42.273	6.868
27	4132	4133	SN	1	0.0	48.992	3.628	0.0	47.023	3.765	0.0	44.362	2.667	0.0	39.855	2.801	0.0	46.995	3.441	0.0	46.226	3.552	0.0	44.061	2.547	0.0	39.458	2.698
28	4132	4133	NS	1	0.0	47.408	1.173	0.0	41.02	0.766	0.0	36.927	0.721	0.0	40.078	0.756	0.0	47.757	0.965	0.0	42.628	0.594	0.0	36.191	0.604	0.0	37.031	0.64
29	4132	4133	NS	1	0.0	47.408	1.173	0.0	41.02	0.766	0.0	36.927	0.721	0.0	40.078	0.756	0.0	47.757	0.965	0.0	42.628	0.594	0.0	36.191	0.604	0.0	37.031	0.64
30	4132	4133	SN	1	0.0	48.992	3.678	0.0	47.023	3.782	0.0	44.362	2.712	0.0	39.855	2.813	0.0	46.995	3.492	0.0	46.226	3.57	0.0	44.061	2.591	0.0	39.458	2.712
31	4132	4133	SN	1	0.0	45.728	8.347	0.0	48.16	8.261	0.0	44.578	7.031	0.0	42.185	7.219	0.0	44.432	8.194	0.0	48.289	8.281	0.0	45.77	6.873	0.0	42.273	6.986

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

32	4132	4133	NS	1	0.0	48.812	3.641	0.0	43.71	2.605	0.0	40.479	2.343	0.0	38.444	2.315	0.0	48.757	3.048	0.0	41.519	2.062	0.0	41.612	1.937	0.0	37.025	1.966
33	4132	4133	NS	1	0.0	48.812	3.641	0.0	43.71	2.605	0.0	40.479	2.343	0.0	38.444	2.315	0.0	48.757	3.048	0.0	41.519	2.062	0.0	41.612	1.937	0.0	37.025	1.966
34	4132	4133	SN	1	0.0	45.728	8.252	0.0	48.16	8.293	0.0	44.578	6.92	0.0	42.185	7.166	0.0	44.432	8.092	0.0	48.289	8.272	0.0	45.77	6.756	0.0	42.273	6.943
35	4133	4134	NS	1	0.0	42.459	1.207	0.0	42.603	1.168	0.0	48.876	0.778	0.0	45.751	0.731	0.0	40.283	1.047	0.0	42.858	1.01	0.0	46.749	0.645	0.0	45.857	0.635
36	4133	4134	SN	1	0.0	46.169	3.994	0.0	46.472	4.354	0.0	44.125	2.77	0.0	44.077	3.362	0.0	48.491	3.607	0.0	42.633	3.928	0.0	42.437	2.573	0.0	45.859	3.084
37	4133	4134	SN	1	0.0	43.506	8.0	0.0	45.664	9.061	0.0	44.366	7.295	0.0	42.88	8.424	0.0	43.374	7.537	0.0	45.697	8.471	0.0	43.383	6.938	0.0	42.678	7.94
38	4133	4134	NS	1	0.0	48.129	4.042	0.0	50.856	3.994	0.0	44.781	2.954	0.0	47.764	2.872	0.0	49.233	3.61	0.0	48.666	3.532	0.0	43.995	2.562	0.0	49.783	2.424
39	4133	4134	SN	1	0.0	46.169	3.925	0.0	46.472	4.301	0.0	44.125	2.703	0.0	44.077	3.326	0.0	48.491	3.538	0.0	42.633	3.884	0.0	42.437	2.508	0.0	45.859	3.049
40	4133	4134	NS	1	0.0	45.525	1.266	0.0	51.012	1.15	0.0	36.285	0.728	0.0	46.913	0.703	0.0	47.005	1.06	0.0	47.88	0.978	0.0	36.834	0.634	0.0	41.95	0.614
41	4133	4134	SN	1	0.0	43.506	7.917	0.0	45.664	8.965	0.0	44.366	7.121	0.0	42.88	8.291	0.0	43.374	7.476	0.0	45.697	8.374	0.0	43.383	6.774	0.0	42.678	7.8
42	4133	4134	SN	1	0.0	43.506	7.916	0.0	45.664	8.862	0.0	44.366	7.121	0.0	42.88	8.201	0.0	43.374	7.475	0.0	45.697	8.278	0.0	43.383	6.774	0.0	42.678	7.716
43	4133	4134	NS	1	0.0	47.04	4.446	0.0	50.909	3.782	0.0	44.523	2.799	0.0	46.289	2.792	0.0	47.029	3.833	0.0	49.119	3.249	0.0	44.319	2.5	0.0	45.946	2.294
44	4134	4135	NS	1	0.0	47.182	2.945	0.0	47.016	2.555	0.0	43.344	2.055	0.0	44.568	2.024	0.0	46.116	2.893	0.0	48.61	2.569	0.0	40.007	2.012	0.0	45.089	1.95
45	4134	4135	SN	1	0.0	45.163	5.475	0.0	47.213	5.332	0.0	39.337	3.48	0.0	43.896	3.962	0.0	45.511	5.264	0.0	47.304	5.301	0.0	38.586	3.294	0.0	44.84	3.831
46	4134	4135	NS	1	0.0	52.629	8.911	0.0	53.206	8.111	0.0	48.429	6.968	0.0	45.726	7.007	0.0	51.905	8.941	0.0	55.399	7.93	0.0	46.59	6.975	0.0	45.705	6.864
47	4134	4135	NS	1	0.0	54.854	8.91	0.0	55.53	8.241	0.0	48.452	7.06	0.0	49.266	6.95	0.0	52.731	8.89	0.0	57.721	8.04	0.0	46.783	7.06	0.0	48.009	6.843
48	4134	4135	SN	1	0.0	53.699	13.175	0.0	52.88	14.146	0.0	41.973	9.26	0.0	43.758	10.434	0.0	52.004	13.275	0.0	54.912	13.922	0.0	42.01	9.225	0.0	46.48	10.506
49	4134	4135	SN	1	0.0	53.699	13.46	0.0	52.88	14.465	0.0	41.973	9.609	0.0	43.758	10.731	0.0	52.004	13.648	0.0	54.912	14.245	0.0	42.01	9.579	0.0	46.48	10.82
50	4134	4135	SN	1	0.0	45.163	5.28	0.0	47.213	5.192	0.0	39.337	3.351	0.0	43.896	3.856	0.0	45.511	5.071	0.0	47.304	5.162	0.0	38.586	3.169	0.0	44.84	3.726
51	4134	4135	NS	1	0.0	48.662	2.929	0.0	48.42	2.614	0.0	46.675	2.057	0.0	43.409	2.023	0.0	47.823	2.922	0.0	48.911	2.627	0.0	42.845	1.975	0.0	40.741	1.966
52	4135	4136	SN	1	0.0	50.984	13.195	0.0	55.94	14.599	0.0	51.623	10.723	0.0	47.895	10.789	0.0	51.401	12.514	0.0	56.289	14.287	0.0	53.439	10.737	0.0	47.687	11.024
53	4135	4136	SN	1	0.0	55.862	5.642	0.0	50.186	6.086	0.0	41.554	3.767	0.0	41.938	3.799	0.0	53.292	5.51	0.0	47.471	5.998	0.0	42.27	3.731	0.0	43.162	3.768
54	4135	4136	NS	1	0.0	46.834	6.97	0.0	55.03	5.669	0.0	43.24	6.207	0.0	42.799	5.647	0.0	50.302	6.346	0.0	53.434	5.086	0.0	45.228	5.879	0.0	42.338	5.141
55	4135	4136	SN	1	0.0	50.984	13.196	0.0	55.94	14.745	0.0	51.623	10.723	0.0	47.895	10.909	0.0	51.401	12.515	0.0	56.289	14.44	0.0	53.439	10.737	0.0	47.687	11.147
56	4135	4136	SN	1	0.0	50.984	13.368	0.0	55.94	14.808	0.0	51.623	10.93	0.0	47.895	10.971	0.0	51.401	12.7	0.0	56.289	14.488	0.0	53.439	10.93	0.0	47.687	11.205
57	4136	4137	SN	1	0.0	53.453	12.326	0.0	58.992	13.334	0.0	52.358	8.607	0.0	49.855	10.051	0.0	56.787	12.046	0.0	61.138	12.921	0.0	56.452	8.423	0.0	50.933	9.752
58	4136	4137	NS	1	0.0	44.158	6.767	0.0	46.33	5.749	0.0	40.596	5.275	0.0	47.573	5.098	0.0	42.186	6.425	0.0	47.805	5.648	0.0	39.013	5.182	0.0	48.784	4.884
59	4136	4137	SN	1	0.0	53.31	12.426	0.0	58.786	13.787	0.0	52.1	8.807	0.0	49.441	10.356	0.0	56.861	12.181	0.0	60.932	13.285	0.0	56.195	8.604	0.0	51.787	9.992
60	4136	4137	SN	1	0.0	54.297	4.788	0.0	50.325	5.165	0.0	47.171	2.864	0.0	44.747	3.433	0.0	51.341	4.67	0.0	50.035	5.076	0.0	44.932	2.879	0.0	44.131	3.316
61	4136	4137	SN	1	0.0	53.31	12.317	0.0	58.786	13.499	0.0	52.1	8.607	0.0	49.441	10.14	0.0	56.861	12.027	0.0	60.932	12.99	0.0	56.195	8.437	0.0	51.787	9.816
62	4136	4137	SN	1	0.0	54.297	4.644	0.0	50.325	5.005	0.0	47.171	2.784	0.0	44.747	3.328	0.0	51.341	4.531	0.0	50.035	4.912	0.0	44.932	2.801	0.0	44.131	3.21
63	4136	4137	NS	1	0.0	48.799	6.666	0.0	46.33	5.809	0.0	39.367	5.232	0.0	44.861	5.069	0.0	49.156	6.364	0.0	47.611	5.698	0.0	38.219	5.147	0.0	42.788	4.87
64	4137	4138	SN	1	0.0	56.512	7.471	0.0	55.267	8.562	0.0	47.332	5.616	0.0	49.035	7.015	0.0	60.426	6.91	0.0	55.594	7.959	0.0	46.626	5.247	0.0	50.43	6.48
65	4137	4138	SN	1	0.0	56.455	7.471	0.0	55.359	8.522	0.0	46.869	5.58	0.0	50.264	7.057	0.0	60.368	6.92	0.0	56.255	7.908	0.0	46.527	5.226	0.0	49.917	6.516
66	4137	4138	NS	1	0.0	48.228	5.962	0.0	44.628	4.352	0.0	42.332	4.584	0.0	49.122	4.435	0.0	46.123	5.268	0.0	43.207	4.07	0.0	45.202	4.185	0.0	44.684	4.072
67	4137	4138	NS	1	0.0	48.379	5.902	0.0	44.96	4.362	0.0	42.668	4.605	0.0	42.717	4.314	0.0	46.275	5.268	0.0	45.032	4.09	0.0	45.54	4.164	0.0	44.12	4.03

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

68	4138	4139	NS	1	0.0	56.464	8.574	0.0	51.832	7.531	0.0	43.796	5.536	0.0	45.476	5.485	0.0	57.853	7.82	0.0	52.336	6.839	0.0	44.476	5.002	0.0	45.746	4.938
69	4138	4139	NS	1	0.0	56.362	8.604	0.0	51.893	7.551	0.0	43.681	5.55	0.0	45.078	5.492	0.0	57.753	7.81	0.0	52.396	6.789	0.0	44.362	4.953	0.0	45.346	4.924
70	4138	4139	SN	1	0.0	46.195	7.221	0.0	47.744	7.687	0.0	41.921	5.644	0.0	48.961	6.437	0.0	47.831	6.84	0.0	47.741	7.244	0.0	42.204	5.644	0.0	48.202	6.209
71	4138	4139	NS	1	0.0	46.189	2.79	0.0	51.128	2.382	0.0	38.479	1.736	0.0	44.187	1.708	0.0	47.226	2.485	0.0	51.095	2.134	0.0	37.9	1.544	0.0	40.659	1.447
72	4139	4140	NS	1	0.0	45.604	1.728	0.0	51.187	1.384	0.0	39.534	1.15	0.0	44.682	1.174	0.0	45.433	1.4	0.0	50.579	1.278	0.0	40.709	1.01	0.0	48.616	1.057
73	4139	4140	NS	1	0.0	53.888	5.046	0.0	48.415	4.262	0.0	45.378	3.978	0.0	45.522	3.503	0.0	54.442	4.353	0.0	50.404	4.001	0.0	44.179	3.522	0.0	45.086	3.353
74	4139	4140	SN	1	0.0	46.466	6.991	0.0	56.821	7.828	0.0	47.301	6.46	0.0	50.709	6.843	0.0	49.833	6.11	0.0	54.366	7.415	0.0	45.594	5.914	0.0	49.548	6.315
75	4140	4141	NS	1	0.0	40.335	2.607	0.0	42.298	2.531	0.0	38.957	1.887	0.0	46.391	1.825	0.0	42.576	2.347	0.0	41.096	2.305	0.0	36.801	1.786	0.0	43.137	1.715
76	4140	4141	SN	1	0.902	53.449	7.477	0.0	52.066	8.323	0.0	49.273	6.071	0.0	45.708	7.594	1.019	53.732	6.976	0.0	49.928	7.639	0.0	49.977	5.73	0.0	46.759	7.059
77	4140	4141	NS	1	0.0	53.494	7.153	0.0	56.206	7.329	0.0	50.373	6.077	0.0	45.09	5.627	0.0	51.831	6.73	0.0	56.672	6.917	0.0	48.391	6.048	0.0	41.935	5.371
78	4140	4141	NS	1	0.0	40.335	2.645	0.0	42.298	2.57	0.0	38.957	1.916	0.0	46.391	1.853	0.0	42.576	2.383	0.0	41.096	2.341	0.0	36.801	1.813	0.0	43.137	1.741
79	4140	4141	NS	1	0.0	53.494	7.264	0.0	56.206	7.426	0.0	50.373	6.17	0.0	45.09	5.7	0.0	51.831	6.835	0.0	56.672	7.008	0.0	48.391	6.141	0.0	41.935	5.441
80	4141	4142	NS	1	0.0	44.171	9.807	0.0	53.495	8.495	0.0	42.638	7.113	0.0	47.033	7.092	0.0	44.56	9.628	0.0	51.281	8.232	0.0	43.408	7.404	0.0	43.133	6.839
81	4141	4142	SN	1	0.0	55.966	8.258	0.0	44.677	8.676	0.0	46.588	7.56	0.0	46.854	8.064	0.0	57.051	7.817	0.0	45.828	8.112	0.0	45.362	7.121	0.0	46.815	7.729
82	4141	4142	NS	1	0.0	45.852	3.044	0.0	48.112	2.568	0.0	37.34	2.378	0.0	39.913	2.301	0.0	43.827	2.87	0.0	46.107	2.408	0.0	39.4	2.225	0.0	36.175	2.104
83	4141	4142	NS	1	0.0	45.852	3.186	0.0	48.112	2.684	0.0	37.34	2.49	0.0	39.913	2.403	0.0	43.827	3.004	0.0	46.107	2.516	0.0	39.4	2.33	0.0	36.175	2.199
84	4141	4142	NS	1	0.0	44.171	9.361	0.0	53.495	8.106	0.0	42.638	6.807	0.0	47.033	6.766	0.0	44.56	9.191	0.0	51.281	7.855	0.0	43.408	7.07	0.0	43.133	6.524
85	4142	4143	NS	1	0.0	45.016	3.43	0.0	45.842	2.605	0.0	41.958	2.443	0.0	43.735	2.263	0.0	43.621	3.165	0.0	46.186	2.309	0.0	39.101	2.323	0.0	41.123	1.994
86	4142	4143	NS	1	0.0	45.016	3.189	0.0	45.842	2.424	0.0	41.958	2.272	0.0	43.735	2.104	0.0	43.621	2.942	0.0	46.186	2.148	0.0	39.101	2.16	0.0	41.123	1.854
87	4142	4143	NS	1	0.0	52.115	10.426	0.0	46.924	8.777	0.0	40.273	7.457	0.0	42.937	6.859	0.0	51.249	9.364	0.0	47.161	8.041	0.0	40.02	7.173	0.0	42.83	6.415
88	4142	4143	NS	1	0.0	52.115	9.672	0.0	46.924	8.136	0.0	40.273	6.941	0.0	42.937	6.374	0.0	51.249	8.687	0.0	47.161	7.454	0.0	40.02	6.671	0.0	42.83	5.955
89	4142	4143	SN	1	1.351	46.8	7.486	0.0	47.728	8.252	0.0	45.49	6.191	0.0	43.888	6.816	0.523	46.466	7.236	0.0	49.022	7.688	0.0	45.721	6.29	0.0	43.299	6.56
90	4142	4143	SN	1	0.0	43.848	3.258	0.0	46.868	3.779	0.0	38.505	2.276	0.0	45.479	2.92	0.0	43.88	3.049	0.0	47.524	3.585	0.0	38.144	2.281	0.0	46.39	2.732
91	4143	4144	SN	1	0.0	42.802	3.337	0.0	47.598	3.75	0.0	41.597	2.023	0.0	39.711	2.57	0.0	46.595	3.159	0.0	46.687	3.499	0.0	41.078	1.966	0.0	40.908	2.332
92	4143	4144	NS	1	0.0	48.017	4.217	0.0	48.169	3.277	0.0	41.348	2.99	0.0	45.649	2.912	0.0	43.963	3.859	0.0	43.707	3.101	0.0	42.084	2.845	0.0	42.112	2.728
93	4143	4144	SN	1	0.0	47.374	7.596	0.0	52.765	8.384	0.0	42.997	5.822	0.0	46.503	6.902	0.0	48.152	7.055	0.0	56.368	8.018	0.0	45.556	5.702	0.0	50.27	6.549
94	4143	4144	NS	1	0.0	48.017	3.637	0.0	48.169	2.826	0.0	41.348	2.608	0.0	45.649	2.506	0.0	43.963	3.325	0.0	43.707	2.672	0.0	42.084	2.483	0.0	42.112	2.345
95	4143	4144	NS	1	0.0	52.224	10.853	0.0	50.906	8.338	0.0	45.018	8.032	0.0	41.723	7.937	0.0	51.297	9.958	0.0	51.668	7.866	0.0	45.349	8.046	0.0	41.816	7.566
96	4143	4144	SN	1	0.0	41.013	3.38	0.0	47.598	3.937	0.0	41.597	2.047	0.0	39.711	2.724	0.0	40.827	3.178	0.0	46.687	3.682	0.0	41.078	1.972	0.0	40.908	2.477
97	4143	4144	SN	1	0.0	47.374	7.577	0.0	52.765	8.661	0.0	42.997	5.819	0.0	46.503	7.202	0.0	48.152	6.981	0.0	56.368	8.312	0.0	45.556	5.665	0.0	50.27	6.886
98	4143	4144	NS	1	0.0	52.224	12.675	0.0	50.906	9.692	0.0	45.018	9.194	0.0	41.723	9.232	0.0	51.297	11.639	0.0	51.668	9.164	0.0	45.349	9.194	0.0	41.816	8.801
99	4144	4145	NS	1	0.0	53.29	4.894	0.0	46.829	4.228	0.0	49.413	2.956	0.0	42.38	2.925	0.0	50.999	4.496	0.0	49.441	3.903	0.0	48.548	2.853	0.0	41.625	2.746
100	4144	4145	NS	1	0.0	53.29	4.894	0.0	46.829	4.228	0.0	49.413	2.956	0.0	42.38	2.925	0.0	50.999	4.496	0.0	49.441	3.903	0.0	48.548	2.853	0.0	41.625	2.746
101	4144	4145	SN	1	0.0	47.527	3.07	0.0	50.684	3.396	0.0	44.744	1.728	0.0	44.258	2.082	0.0	45.66	2.748	0.0	50.525	3.183	0.0	46.466	1.539	0.0	42.328	1.972
102	4144	4145	SN	1	0.0	47.527	3.07	0.0	50.684	3.431	0.0	44.744	1.728	0.0	44.258	2.105	0.0	45.66	2.748	0.0	50.525	3.218	0.0	46.466	1.539	0.0	42.328	1.994
103	4144	4145	SN	1	0.0	47.527	3.159	0.0	50.684	3.489	0.0	44.744	1.771	0.0	44.258	2.143	0.0	45.66	2.83	0.0	50.525	3.27	0.0	46.466	1.578	0.0	42.328	2.03

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

104	4144	4145	SN	1	0.0	53.132	7.611	0.0	52.179	8.077	0.0	46.246	5.544	0.0	51.187	6.333	0.0	51.546	7.001	0.0	53.538	7.654	0.0	44.631	4.913	0.0	51.2	5.762
105	4144	4145	NS	1	0.0	50.537	14.656	0.0	49.954	13.225	0.0	52.233	9.942	0.0	49.629	10.343	0.0	50.986	13.932	0.0	50.616	12.29	0.0	48.846	9.749	0.0	49.999	9.766
106	4144	4145	NS	1	0.0	50.537	14.656	0.0	49.954	13.225	0.0	52.233	9.942	0.0	49.629	10.343	0.0	50.986	13.932	0.0	50.616	12.29	0.0	48.846	9.749	0.0	49.999	9.766
107	4144	4145	SN	1	0.0	53.132	7.613	0.0	52.179	8.171	0.0	46.246	5.544	0.0	51.187	6.402	0.0	51.546	7.002	0.0	53.538	7.743	0.0	44.631	4.913	0.0	51.2	5.825
108	4144	4145	SN	1	0.0	53.132	7.805	0.0	52.179	8.284	0.0	46.246	5.683	0.0	51.187	6.5	0.0	51.546	7.188	0.0	53.538	7.85	0.0	44.631	5.042	0.0	51.2	5.914
109	4145	4146	SN	1	0.0	45.013	3.02	0.0	42.617	3.112	0.0	47.658	2.067	0.0	45.449	2.168	0.0	44.725	2.901	0.0	44.427	2.967	0.0	48.655	2.053	0.0	42.28	2.129
110	4145	4146	SN	1	0.0	46.345	7.189	0.0	48.368	7.026	0.0	44.178	6.076	0.0	47.491	6.3	0.0	46.579	6.733	0.0	48.169	6.608	0.0	44.786	6.061	0.0	47.229	6.148
111	4145	4146	SN	1	0.0	45.013	2.988	0.0	42.617	3.106	0.0	47.658	2.035	0.0	45.449	2.169	0.0	44.725	2.873	0.0	44.427	2.961	0.0	48.655	2.021	0.0	42.28	2.126
112	4145	4146	NS	1	0.0	51.828	5.138	0.0	53.387	4.525	0.0	43.664	3.388	0.0	45.626	3.199	0.0	52.082	4.696	0.0	50.939	4.264	0.0	43.029	2.932	0.0	46.443	2.985
113	4145	4146	SN	1	0.0	45.013	3.02	0.0	42.617	3.112	0.0	47.658	2.067	0.0	45.449	2.168	0.0	44.725	2.901	0.0	44.427	2.967	0.0	48.655	2.053	0.0	42.28	2.129
114	4145	4146	NS	1	0.0	48.222	1.644	0.0	44.524	1.366	0.0	40.931	1.086	0.0	40.516	0.972	0.0	49.482	1.42	0.0	45.705	1.238	0.0	39.769	0.865	0.0	40.049	0.874
115	4145	4146	NS	1	0.0	49.9	1.58	0.0	46.384	1.263	0.0	44.046	1.094	0.0	42.451	1.01	0.0	49.113	1.356	0.0	49.288	1.159	0.0	44.019	0.909	0.0	40.596	0.846
116	4145	4146	NS	1	0.0	55.414	5.382	0.0	46.518	4.656	0.0	51.251	3.347	0.0	52.867	3.334	0.0	53.554	4.708	0.0	47.331	4.234	0.0	50.873	3.055	0.0	48.279	2.857
117	4145	4146	SN	1	0.0	46.345	7.189	0.0	48.368	7.026	0.0	44.178	6.076	0.0	47.491	6.3	0.0	46.579	6.733	0.0	48.169	6.608	0.0	44.786	6.061	0.0	47.229	6.148
118	4145	4146	SN	1	0.0	46.345	7.106	0.0	48.368	6.999	0.0	44.178	5.993	0.0	47.491	6.286	0.0	46.579	6.665	0.0	48.169	6.592	0.0	44.786	5.972	0.0	47.229	6.135
119	4146	4147	SN	1	0.0	42.68	2.996	0.0	42.979	2.946	0.0	39.168	2.213	0.0	41.455	2.782	0.0	43.649	2.987	0.0	43.155	2.981	0.0	38.06	2.222	0.0	42.699	2.609
120	4146	4147	NS	1	0.0	43.946	5.239	0.0	46.979	4.572	0.0	36.984	3.388	0.0	40.332	3.453	0.0	46.2	4.847	0.0	45.158	4.12	0.0	37.112	3.267	0.0	38.149	3.19
121	4146	4147	NS	1	0.0	43.123	1.826	0.0	47.052	1.501	0.0	34.93	1.067	0.0	43.172	1.113	0.0	47.042	1.686	0.0	49.485	1.316	0.0	35.19	0.982	0.0	38.461	0.977
122	4146	4147	SN	1	0.0	45.712	7.649	0.0	44.806	7.344	0.0	42.369	5.949	0.0	42.606	6.544	0.0	44.23	7.557	0.0	43.042	7.314	0.0	45.488	6.157	0.0	44.684	6.566

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	4129	4130	SN	1	0.0	25.854	9.15	0.0	74.908	8.924	0.0	174.803	3.221	0.0	14.256	3.282	0.0	2.02	0.0	2.15	0.0	0.0	2.196	0.0	0.0	2.295	0.0	
2	4129	4130	SN	1	0.0	25.854	9.144	0.0	74.908	9.178	0.0	174.803	3.17	0.0	61.939	3.578	0.0	2.02	0.0	2.15	0.0	0.0	2.196	0.0	0.0	2.295	0.0	
3	4129	4130	SN	1	0.0	25.854	9.148	0.0	26.808	9.11	0.0	175.156	3.168	0.0	61.939	3.545	0.0	2.021	0.0	2.132	0.0	0.0	2.196	0.0	0.0	2.295	0.0	
4	4129	4130	SN	1	0.0	31.253	15.563	0.0	25.965	15.045	0.0	166.63	12.028	0.0	82.885	12.405	0.0	2.013	0.0	2.051	0.0	0.0	2.193	0.0	0.0	2.293	0.0	
5	4129	4130	SN	1	0.0	34.066	15.601	0.0	25.965	15.015	0.0	166.818	12.021	0.0	82.885	12.278	0.0	2.013	0.0	2.045	0.0	0.0	2.193	0.0	0.0	2.293	0.0	
6	4129	4130	SN	1	0.0	34.066	15.563	0.0	25.799	14.234	0.0	166.63	12.232	0.0	15.701	11.252	0.0	2.013	0.0	2.051	0.0	0.0	2.193	0.0	0.0	2.293	0.0	
7	4130	4131	NS	1	0.0	25.926	14.665	0.0	33.608	15.419	0.0	352.053	11.713	0.0	37.463	11.613	0.0	1.911	0.0	1.883	0.0	0.0	2.071	0.0	0.0	2.042	0.0	
8	4130	4131	NS	1	0.0	25.926	14.665	0.0	33.608	15.419	0.0	352.053	11.713	0.0	37.463	11.613	0.0	1.911	0.0	1.883	0.0	0.0	2.071	0.0	0.0	2.042	0.0	
9	4130	4131	SN	1	0.0	33.989	15.602	0.0	25.959	14.861	0.0	194.861	12.01	0.0	84.393	12.281	0.0	2.025	0.0	2.011	0.0	0.0	2.204	0.0	0.0	2.301	0.0	
10	4130	4131	SN	1	0.0	31.617	15.585	0.0	25.959	14.911	0.0	194.861	12.01	0.0	84.393	12.386	0.0	2.025	0.0	2.011	0.0	0.0	2.204	0.0	0.0	2.301	0.0	
11	4130	4131	SN	1	0.0	33.989	15.584	0.0	25.959	14.592	0.0	194.861	12.123	0.0	19.926	11.859	0.0	2.025	0.0	2.011	0.0	0.0	2.204	0.0	0.0	2.301	0.0	
12	4130	4131	SN	1	0.0	25.849	9.135	0.0	26.803	9.203	0.0	185.028	3.198	0.0	81.754	3.646	0.0	2.023	0.0	2.139	0.0	0.0	2.209	0.0	0.0	2.305	0.0	
13	4130	4131	SN	1	0.0	25.849	9.146	0.0	26.803	9.084	0.0	185.028	3.224	0.0	14.251	3.461	0.0	2.023	0.0	2.139	0.0	0.0	2.209	0.0	0.0	2.305	0.0	
14	4130	4131	NS	1	0.0	26.77	9.019	0.0	25.821	8.951	0.0	353.856	3.446	0.0	67.377	2.987	0.0	1.92	0.0	1.871	0.0	0.0	2.067	0.0	0.0	2.041	0.0	
15	4130	4131	NS	1	0.0	26.77	9.019	0.0	25.821	8.951	0.0	353.856	3.446	0.0	67.377	2.987	0.0	1.92	0.0	1.871	0.0	0.0	2.067	0.0	0.0	2.041	0.0	
16	4131	4132	NS	1	0.0	25.921	14.665	0.0	33.653	15.51	0.0	353.967	11.665	0.0	37.69	11.619	0.0	1.926	0.0	1.883	0.0	0.0	2.072	0.0	0.0	2.04	0.0	
17	4131	4132	SN	1	0.0	34.116	15.615	0.0	25.959	14.692	0.0	195.369	12.123	0.0	22.209	12.108	0.0	2.014	0.0	2.093	0.0	0.0	2.2	0.0	0.0	2.303	0.0	
18	4131	4132	SN	1	0.0	25.843	9.193	0.0	26.808	9.189	0.0	170.314	3.189	0.0	79.372	3.657	0.0	2.016	0.0	2.142	0.0	0.0	2.205	0.0	0.0	2.304	0.0	
19	4131	4132	NS	1	0.0	26.797	9.016	0.0	25.821	8.956	0.0	351.683	3.424	0.0	73.576	2.966	0.0	1.912	0.0	1.871	0.0	0.0	2.066	0.0	0.0	2.04	0.0	
20	4131	4132	NS	1	0.0	26.77	9.002	0.0	25.827	8.922	0.0	306.626	3.407	0.0	68.292	2.977	0.0	1.913	0.0	1.871	0.0	0.0	2.066	0.0	0.0	2.04	0.0	
21	4131	4132	SN	1	0.0	25.843	9.201	0.0	26.808	9.083	0.0	170.314	3.209	0.0	15.552	3.509	0.0	2.016	0.0	2.142	0.0	0.0	2.205	0.0	0.0	2.304	0.0	
22	4131	4132	SN	1	0.0	25.843	9.201	0.0	26.808	9.076	0.0	170.314	3.209	0.0	15.21	3.501	0.0	2.016	0.0	2.142	0.0	0.0	2.205	0.0	0.0	2.304	0.0	
23	4131	4132	SN	1	0.0	31.64	15.607	0.0	27.134	14.913	0.0	195.369	12.032	0.0	85.27	12.516	0.0	2.014	0.0	2.093	0.0	0.0	2.2	0.0	0.0	2.303	0.0	
24	4131	4132	NS	1	0.0	25.921	14.681	0.0	33.868	15.504	0.0	316.233	11.673	0.0	79.234	11.686	0.0	1.929	0.0	1.882	0.0	0.0	2.072	0.0	0.0	2.042	0.0	
25	4131	4132	SN	1	0.0	34.116	15.615	0.0	25.959	14.692	0.0	195.369	12.123	0.0	22.209	12.108	0.0	2.014	0.0	2.093	0.0	0.0	2.2	0.0	0.0	2.303	0.0	
26	4132	4133	SN	1	0.0	34.204	15.63	0.0	27.134	14.864	0.0	169.117	12.081	0.0	82.0	12.416	0.0	2.032	0.0	2.08	0.0	0.0	2.211	0.0	0.0	2.312	0.0	
27	4132	4133	SN	1	0.0	25.854	9.172	0.0	26.803	9.219	0.0	193.51	3.221	0.0	141.667	3.691	0.0	2.026	0.0	2.157	0.0	0.0	2.213	0.0	0.0	2.309	0.0	
28	4132	4133	NS	1	0.0	26.781	9.016	0.0	25.821	8.953	0.0	351.739	3.422	0.0	74.105	2.958	0.0	1.915	0.0	1.871	0.0	0.0	2.066	0.0	0.0	2.04	0.0	
29	4132	4133	NS	1	0.0	26.781	9.016	0.0	25.821	8.953	0.0	351.739	3.422	0.0	74.105	2.958	0.0	1.915	0.0	1.871	0.0	0.0	2.066	0.0	0.0	2.04	0.0	
30	4132	4133	SN	1	0.0	25.854	9.183	0.0	26.803	9.088	0.0	193.51	3.249	0.0	14.306	3.494	0.0	2.026	0.0	2.157	0.0	0.0	2.213	0.0	0.0	2.309	0.0	
31	4132	4133	SN	1	0.0	34.204	15.634	0.0	25.959	14.574	0.0	169.117	12.2	0.0	19.937	11.997	0.0	2.032	0.0	2.08	0.0	0.0	2.211	0.0	0.0	2.312	0.0	

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

32	4132	4133	NS	1	0.0	25.915	14.715	0.0	33.669	15.478	0.0	357.254	11.573	0.0	37.838	11.669	0.0	1.926	0.0	0.0	1.882	0.0	0.0	2.073	0.0	0.0	2.04	0.0
33	4132	4133	NS	1	0.0	25.915	14.715	0.0	33.669	15.478	0.0	357.254	11.573	0.0	37.838	11.669	0.0	1.926	0.0	0.0	1.882	0.0	0.0	2.073	0.0	0.0	2.04	0.0
34	4132	4133	SN	1	0.0	31.595	15.613	0.0	27.134	14.914	0.0	169.117	12.081	0.0	82.0	12.523	0.0	2.032	0.0	0.0	2.08	0.0	0.0	2.211	0.0	0.0	2.312	0.0
35	4133	4134	NS	1	0.0	26.775	9.027	0.0	25.832	8.937	0.0	324.792	3.408	0.0	70.669	2.944	0.0	1.912	0.0	0.0	1.87	0.0	0.0	2.068	0.0	0.0	2.04	0.0
36	4133	4134	SN	1	0.0	25.86	9.228	0.0	26.797	9.04	0.0	191.144	3.259	0.0	14.306	3.45	0.0	2.036	0.0	0.0	2.165	0.0	0.0	2.222	0.0	0.0	2.275	0.0
37	4133	4134	SN	1	0.0	34.143	15.64	0.0	25.965	14.394	0.0	188.922	12.219	0.0	17.438	11.778	0.0	2.038	0.0	0.0	2.027	0.0	0.0	2.217	0.0	0.0	2.321	0.0
38	4133	4134	NS	1	0.0	25.921	14.721	0.0	34.226	15.463	0.0	352.753	11.63	0.0	81.661	11.622	0.0	1.925	0.0	0.0	1.882	0.0	0.0	2.071	0.0	0.0	2.04	0.0
39	4133	4134	SN	1	0.0	25.86	9.212	0.0	26.797	9.198	0.0	191.144	3.221	0.0	45.912	3.686	0.0	2.036	0.0	0.0	2.165	0.0	0.0	2.222	0.0	0.0	2.275	0.0
40	4133	4134	NS	1	0.0	26.786	9.011	0.0	25.832	8.921	0.0	342.826	3.408	0.0	66.119	2.942	0.0	1.913	0.0	0.0	1.87	0.0	0.0	2.068	0.0	0.0	2.04	0.0
41	4133	4134	SN	1	0.0	33.195	15.633	0.0	25.965	14.894	0.0	188.922	12.086	0.0	94.271	12.544	0.0	2.038	0.0	0.0	2.027	0.0	0.0	2.217	0.0	0.0	2.321	0.0
42	4133	4134	SN	1	0.0	34.143	15.651	0.0	25.965	14.844	0.0	188.922	12.086	0.0	94.227	12.437	0.0	2.038	0.0	0.0	2.027	0.0	0.0	2.217	0.0	0.0	2.321	0.0
43	4133	4134	NS	1	0.0	25.921	14.737	0.0	33.669	15.438	0.0	357.149	11.623	0.0	58.233	11.64	0.0	1.927	0.0	0.0	1.883	0.0	0.0	2.071	0.0	0.0	2.04	0.0
44	4134	4135	NS	1	0.0	26.775	9.018	0.0	25.821	8.929	0.0	352.577	3.394	0.0	67.079	2.934	0.0	1.91	0.0	0.0	1.869	0.0	0.0	2.067	0.0	0.0	2.04	0.0
45	4134	4135	SN	1	0.0	25.843	9.224	0.0	26.792	8.963	0.0	195.237	3.272	0.0	14.328	3.425	0.0	2.041	0.0	0.0	2.184	0.0	0.0	2.225	0.0	0.0	2.333	0.0
46	4134	4135	NS	1	0.0	25.921	14.724	0.0	33.68	15.407	0.0	354.171	11.601	0.0	39.824	11.592	0.0	1.922	0.0	0.0	1.881	0.0	0.0	2.072	0.0	0.0	2.041	0.0
47	4134	4135	NS	1	0.0	25.926	14.743	0.0	33.68	15.397	0.0	354.16	11.623	0.0	39.802	11.621	0.0	1.923	0.0	0.0	1.881	0.0	0.0	2.072	0.0	0.0	2.041	0.0
48	4134	4135	SN	1	0.0	32.07	15.71	0.0	25.965	14.93	0.0	199.662	12.132	0.0	91.687	12.538	0.0	2.036	0.0	0.0	2.012	0.0	0.0	2.21	0.0	0.0	2.334	0.0
49	4134	4135	SN	1	0.0	34.044	15.703	0.0	25.865	14.266	0.0	199.662	12.314	0.0	15.707	11.556	0.0	2.036	0.0	0.0	2.012	0.0	0.0	2.21	0.0	0.0	2.334	0.0
50	4134	4135	SN	1	0.0	25.843	9.211	0.0	26.792	9.178	0.0	195.237	3.225	0.0	82.072	3.715	0.0	2.041	0.0	0.0	2.184	0.0	0.0	2.225	0.0	0.0	2.333	0.0
51	4134	4135	NS	1	0.0	26.775	9.02	0.0	25.821	8.92	0.0	352.566	3.394	0.0	67.018	2.945	0.0	1.91	0.0	0.0	1.869	0.0	0.0	2.067	0.0	0.0	2.04	0.0
52	4135	4136	SN	1	0.0	34.154	15.75	0.0	26.417	14.911	0.0	204.565	12.155	0.0	99.43	12.463	0.0	2.056	0.0	0.0	2.037	0.0	0.0	2.222	0.0	0.0	2.344	0.0
53	4135	4136	SN	1	0.0	25.86	9.185	0.0	26.797	9.032	0.0	238.617	3.264	0.0	14.322	3.458	0.0	2.044	0.0	0.0	2.207	0.0	0.0	2.236	0.0	0.0	2.335	0.0
54	4135	4136	NS	1	0.0	25.926	14.764	0.0	33.691	15.449	0.0	354.093	11.595	0.0	47.076	11.543	0.0	1.921	0.0	0.0	1.884	0.0	0.0	2.072	0.0	0.0	2.04	0.0
55	4135	4136	SN	1	0.0	32.092	15.731	0.0	26.417	14.938	0.0	204.565	12.148	0.0	85.546	12.567	0.0	2.056	0.0	0.0	2.037	0.0	0.0	2.222	0.0	0.0	2.344	0.0
56	4135	4136	SN	1	0.0	34.154	15.742	0.0	25.965	14.467	0.0	204.565	12.291	0.0	18.348	11.87	0.0	2.056	0.0	0.0	2.037	0.0	0.0	2.222	0.0	0.0	2.344	0.0
57	4136	4137	SN	1	0.0	33.846	15.67	0.0	25.965	14.934	0.0	199.64	12.067	0.0	71.541	12.311	0.0	2.043	0.0	0.0	2.033	0.0	0.0	2.244	0.0	0.0	2.35	0.0
58	4136	4137	NS	1	0.0	25.932	14.75	0.0	33.73	15.437	0.0	351.932	11.624	0.0	45.499	11.577	0.0	1.92	0.0	0.0	1.884	0.0	0.0	2.07	0.0	0.0	2.04	0.0
59	4136	4137	SN	1	0.0	33.846	15.691	0.0	25.755	14.129	0.0	199.673	12.268	0.0	15.734	11.205	0.0	2.044	0.0	0.0	2.033	0.0	0.0	2.244	0.0	0.0	2.35	0.0
60	4136	4137	SN	1	0.0	25.865	9.187	0.0	26.808	8.93	0.0	180.864	3.282	0.0	14.328	3.345	0.0	2.061	0.0	0.0	2.194	0.0	0.0	2.24	0.0	0.0	2.345	0.0
61	4136	4137	SN	1	0.0	31.424	15.672	0.0	25.965	14.955	0.0	199.673	12.06	0.0	71.557	12.41	0.0	2.044	0.0	0.0	2.033	0.0	0.0	2.244	0.0	0.0	2.35	0.0
62	4136	4137	SN	1	0.0	25.865	9.173	0.0	26.808	9.195	0.0	180.864	3.228	0.0	87.471	3.659	0.0	2.061	0.0	0.0	2.194	0.0	0.0	2.24	0.0	0.0	2.345	0.0
63	4136	4137	NS	1	0.0	25.932	14.74	0.0	33.73	15.417	0.0	351.926	11.617	0.0	45.488	11.577	0.0	1.92	0.0	0.0	1.884	0.0	0.0	2.07	0.0	0.0	2.04	0.0
64	4137	4138	SN	1	0.0	33.873	15.643	0.0	26.406	14.941	0.0	356.476	12.111	0.0	72.566	12.361	0.0	2.066	0.0	0.0	2.044	0.0	0.0	2.265	0.0	0.0	2.38	0.0
65	4137	4138	SN	1	0.0	33.873	15.643	0.0	25.959	14.941	0.0	356.47	12.097	0.0	72.572	12.354	0.0	2.066	0.0	0.0	2.044	0.0	0.0	2.265	0.0	0.0	2.38	0.0
66	4137	4138	NS	1	0.0	25.932	14.679	0.0	33.73	15.437	0.0	350.851	11.616	0.0	52.376	11.526	0.0	1.929	0.0	0.0	1.881	0.0	0.0	2.07	0.0	0.0	2.04	0.0
67	4137	4138	NS	1	0.0	25.926	14.689	0.0	33.735	15.437	0.0	350.845	11.616	0.0	52.37	11.541	0.0	1.929	0.0	0.0	1.881	0.0	0.0	2.07	0.0	0.0	2.04	0.0
68	4138	4139	NS	1	0.0	25.926	14.715	0.0	33.972	15.423	0.0	142.273	11.592	0.0	95.74	11.567	0.0	1.927	0.0	0.0	1.88	0.0	0.0	2.074	0.0	0.0	2.043	0.0

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

69	4138	4139	NS	1	0.0	25.926	14.715	0.0	33.967	15.413	0.0	141.849	11.613	0.0	95.735	11.552	0.0	1.927	0.0	0.0	1.881	0.0	0.0	2.074	0.0	0.0	2.043	0.0
70	4138	4139	SN	1	0.0	33.983	15.623	0.0	27.161	14.911	0.0	228.078	12.125	0.0	80.056	12.347	0.0	2.081	0.0	0.0	2.053	0.0	0.0	2.271	0.0	0.0	2.4	0.0
71	4138	4139	NS	1	0.0	26.775	9.005	0.0	25.832	8.938	0.0	353.332	3.41	0.0	43.982	2.942	0.0	1.913	0.0	0.0	1.87	0.0	0.0	2.065	0.0	0.0	2.04	0.0
72	4139	4140	NS	1	0.0	26.781	9.015	0.0	25.816	8.944	0.0	356.531	3.393	0.0	44.379	2.951	0.0	1.919	0.0	0.0	1.87	0.0	0.0	2.066	0.0	0.0	2.039	0.0
73	4139	4140	NS	1	0.0	25.92	14.706	0.0	33.967	15.392	0.0	347.354	11.585	0.0	96.209	11.56	0.0	1.922	0.0	0.0	1.881	0.0	0.0	2.071	0.0	0.0	2.039	0.0
74	4139	4140	SN	1	0.0	34.022	15.605	0.0	26.4	14.981	0.0	172.801	12.168	0.0	254.068	12.446	0.0	2.06	0.0	0.0	2.045	0.0	0.0	2.258	0.0	0.0	2.372	0.0
75	4140	4141	NS	1	0.0	26.781	9.032	0.0	25.816	8.967	0.0	348.17	3.385	0.0	67.018	2.944	0.0	1.916	0.0	0.0	1.869	0.0	0.0	2.067	0.0	0.0	2.039	0.0
76	4140	4141	SN	1	0.711	34.193	15.726	0.0	26.406	14.986	0.0	179.414	12.156	0.0	81.203	12.449	0.001	2.062	0.0	0.0	2.045	0.0	0.0	2.244	0.0	0.0	2.373	0.0
77	4140	4141	NS	1	0.0	25.921	14.738	0.0	33.978	15.351	0.0	351.435	11.548	0.0	53.622	11.568	0.0	1.923	0.0	0.0	1.88	0.0	0.0	2.071	0.0	0.0	2.04	0.0
78	4140	4141	NS	1	0.0	26.781	9.095	0.0	25.816	8.967	0.0	348.17	3.437	0.0	12.839	2.883	0.0	1.916	0.0	0.0	1.869	0.0	0.0	2.067	0.0	0.0	2.039	0.0
79	4140	4141	NS	1	0.0	25.921	14.773	0.0	31.072	15.127	0.0	351.435	11.712	0.0	18.084	11.379	0.0	1.923	0.0	0.0	1.88	0.0	0.0	2.071	0.0	0.0	2.04	0.0
80	4141	4142	NS	1	0.0	25.915	15.011	0.0	31.072	14.789	0.0	291.978	12.138	0.0	13.958	11.115	0.0	1.927	0.0	0.0	1.881	0.0	0.0	2.07	0.0	0.0	2.04	0.0
81	4141	4142	SN	1	0.0	34.011	15.705	0.0	25.959	15.036	0.0	157.663	12.078	0.0	83.045	12.52	0.0	2.069	0.0	0.0	2.048	0.0	0.0	2.253	0.0	0.0	2.388	0.0
82	4141	4142	NS	1	0.0	26.77	8.997	0.0	25.827	8.949	0.0	330.699	3.41	0.0	52.679	2.943	0.0	1.912	0.0	0.0	1.87	0.0	0.0	2.066	0.0	0.0	2.04	0.0
83	4141	4142	NS	1	0.0	26.77	9.226	0.0	25.827	9.002	0.0	330.699	3.57	0.0	12.855	2.952	0.0	1.912	0.0	0.0	1.87	0.0	0.0	2.066	0.0	0.0	2.04	0.0
84	4141	4142	NS	1	0.0	25.915	14.741	0.0	33.763	15.459	0.0	291.978	11.606	0.0	74.839	11.541	0.0	1.927	0.0	0.0	1.881	0.0	0.0	2.07	0.0	0.0	2.04	0.0
85	4142	4143	NS	1	0.0	26.77	9.405	0.0	25.816	9.062	0.0	316.983	3.665	0.0	12.861	3.039	0.0	1.912	0.0	0.0	1.87	0.0	0.0	2.069	0.0	0.0	2.04	0.0
86	4142	4143	NS	1	0.0	26.77	9.017	0.0	25.816	8.933	0.0	316.983	3.405	0.0	58.933	2.957	0.0	1.912	0.0	0.0	1.87	0.0	0.0	2.069	0.0	0.0	2.04	0.0
87	4142	4143	NS	1	0.0	25.932	15.216	0.0	31.072	14.665	0.0	351.921	12.491	0.0	13.986	11.099	0.0	1.931	0.0	0.0	1.881	0.0	0.0	2.072	0.0	0.0	2.042	0.0
88	4142	4143	NS	1	0.0	25.932	14.77	0.0	33.735	15.429	0.0	351.921	11.633	0.0	92.178	11.59	0.0	1.931	0.0	0.0	1.881	0.0	0.0	2.072	0.0	0.0	2.042	0.0
89	4142	4143	SN	1	0.745	33.994	15.755	0.0	25.959	15.055	0.0	165.478	12.098	0.0	85.278	12.542	0.0	2.112	0.0	0.0	2.065	0.0	0.0	2.276	0.0	0.0	2.41	0.0
90	4142	4143	SN	1	0.0	25.854	9.182	0.0	26.797	9.105	0.0	196.45	3.242	0.0	61.095	3.583	0.0	2.102	0.0	0.0	2.258	0.0	0.0	2.294	0.0	0.0	2.407	0.0
91	4143	4144	SN	1	0.0	25.843	9.159	0.0	26.797	9.196	0.0	176.75	3.231	0.0	89.44	3.602	0.0	2.101	0.0	0.0	2.241	0.0	0.0	2.288	0.0	0.0	2.396	0.0
92	4143	4144	NS	1	0.0	26.77	9.907	0.0	25.827	9.444	0.0	351.645	3.976	0.0	12.867	3.288	0.0	1.913	0.0	0.0	1.871	0.0	0.0	2.067	0.0	0.0	2.042	0.0
93	4143	4144	SN	1	0.0	31.766	15.703	0.0	27.128	14.988	0.0	219.122	12.077	0.0	81.708	12.55	0.0	2.107	0.0	0.0	2.063	0.0	0.0	2.286	0.0	0.0	2.402	0.0
94	4143	4144	NS	1	0.0	26.77	9.028	0.0	25.827	8.94	0.0	351.645	3.409	0.0	62.904	2.948	0.0	1.913	0.0	0.0	1.871	0.0	0.0	2.067	0.0	0.0	2.042	0.0
95	4143	4144	NS	1	0.0	25.926	14.715	0.0	33.608	15.429	0.0	353.928	11.599	0.0	37.629	11.542	0.0	1.929	0.0	0.0	1.883	0.0	0.0	2.071	0.0	0.0	2.04	0.0
96	4143	4144	SN	1	0.0	25.843	9.191	0.0	26.797	8.899	0.0	176.75	3.303	0.0	14.328	3.259	0.0	2.101	0.0	0.0	2.241	0.0	0.0	2.288	0.0	0.0	2.396	0.0
97	4143	4144	SN	1	0.0	34.088	15.783	0.0	25.639	14.123	0.0	219.122	12.329	0.0	15.712	11.217	0.0	2.107	0.0	0.0	2.063	0.0	0.0	2.286	0.0	0.0	2.402	0.0
98	4143	4144	NS	1	0.0	25.926	15.535	0.0	31.072	14.485	0.0	353.928	13.496	0.0	13.981	11.372	0.0	1.929	0.0	0.0	1.883	0.0	0.0	2.071	0.0	0.0	2.04	0.0
99	4144	4145	NS	1	0.0	26.786	9.018	0.0	25.816	8.96	0.0	344.326	3.409	0.0	70.041	2.948	0.0	1.913	0.0	0.0	1.87	0.0	0.0	2.065	0.0	0.0	2.041	0.0
100	4144	4145	NS	1	0.0	26.786	9.018	0.0	25.816	8.96	0.0	344.326	3.409	0.0	70.041	2.948	0.0	1.913	0.0	0.0	1.87	0.0	0.0	2.065	0.0	0.0	2.041	0.0
101	4144	4145	SN	1	0.0	25.849	9.162	0.0	26.792	9.133	0.0	180.263	3.237	0.0	269.667	3.584	0.0	2.094	0.0	0.0	2.228	0.0	0.0	2.285	0.0	0.0	2.382	0.0
102	4144	4145	SN	1	0.0	25.849	9.157	0.0	26.792	9.202	0.0	180.263	3.237	0.0	269.667	3.624	0.0	2.094	0.0	0.0	2.228	0.0	0.0	2.285	0.0	0.0	2.382	0.0
103	4144	4145	SN	1	0.0	25.849	9.171	0.0	26.792	9.044	0.0	180.263	3.279	0.0	14.295	3.38	0.0	2.094	0.0	0.0	2.228	0.0	0.0	2.285	0.0	0.0	2.382	0.0
104	4144	4145	SN	1	0.0	34.187	15.764	0.0	27.123	14.936	0.0	181.548	12.073	0.0	93.934	12.495	0.0	2.107	0.0	0.0	2.078	0.0	0.0	2.291	0.0	0.0	2.356	0.0
105	4144	4145	NS	1	0.0	25.926	14.737	0.0	34.094	15.448	0.0	357.176	11.608	0.0	37.927	11.618	0.0	1.925	0.0	0.0	1.881	0.0	0.0	2.069	0.0	0.0	2.04	0.0

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

106	4144	4145	NS	1	0.0	25.926	14.737	0.0	34.094	15.448	0.0	357.176	11.608	0.0	37.927	11.618	0.0	1.925	0.0	0.0	1.881	0.0	0.0	2.069	0.0	0.0	2.04	0.0
107	4144	4145	SN	1	0.0	31.491	15.747	0.0	27.123	14.987	0.0	181.548	12.073	0.0	93.934	12.602	0.0	2.107	0.0	0.0	2.078	0.0	0.0	2.291	0.0	0.0	2.356	0.0
108	4144	4145	SN	1	0.0	34.187	15.743	0.0	25.959	14.544	0.0	181.548	12.189	0.0	18.111	11.916	0.0	2.107	0.0	0.0	2.078	0.0	0.0	2.291	0.0	0.0	2.356	0.0
109	4145	4146	SN	1	0.0	25.86	9.19	0.0	26.792	9.089	0.0	166.625	3.27	0.0	15.271	3.492	0.0	2.1	0.0	0.0	2.236	0.0	0.0	2.286	0.0	0.0	2.387	0.0
110	4145	4146	SN	1	0.0	34.182	15.747	0.0	25.959	14.614	0.0	181.333	12.166	0.0	22.435	12.209	0.0	2.111	0.0	0.0	2.081	0.0	0.0	2.284	0.0	0.0	2.377	0.0
111	4145	4146	SN	1	0.0	25.86	9.187	0.0	26.792	9.189	0.0	166.625	3.246	0.0	69.213	3.638	0.0	2.1	0.0	0.0	2.236	0.0	0.0	2.286	0.0	0.0	2.387	0.0
112	4145	4146	NS	1	0.0	25.926	14.761	0.0	34.215	15.412	0.0	352.814	11.609	0.0	81.666	11.537	0.0	1.925	0.0	0.0	1.882	0.0	0.0	2.071	0.0	0.0	2.041	0.0
113	4145	4146	SN	1	0.0	25.86	9.19	0.0	26.792	9.089	0.0	166.625	3.27	0.0	15.271	3.492	0.0	2.1	0.0	0.0	2.236	0.0	0.0	2.286	0.0	0.0	2.387	0.0
114	4145	4146	NS	1	0.0	26.797	9.011	0.0	25.816	8.935	0.0	345.424	3.388	0.0	70.95	2.927	0.0	1.909	0.0	0.0	1.871	0.0	0.0	2.066	0.0	0.0	2.039	0.0
115	4145	4146	NS	1	0.0	26.77	8.99	0.0	25.816	8.929	0.0	352.444	3.389	0.0	66.379	2.935	0.0	1.92	0.0	0.0	1.871	0.0	0.0	2.067	0.0	0.0	2.04	0.0
116	4145	4146	NS	1	0.0	25.926	14.767	0.0	33.664	15.406	0.0	357.116	11.559	0.0	53.584	11.534	0.0	1.925	0.0	0.0	1.881	0.0	0.0	2.071	0.0	0.0	2.04	0.0
117	4145	4146	SN	1	0.0	34.182	15.747	0.0	25.959	14.614	0.0	181.333	12.166	0.0	22.435	12.209	0.0	2.111	0.0	0.0	2.081	0.0	0.0	2.284	0.0	0.0	2.377	0.0
118	4145	4146	SN	1	0.0	31.507	15.735	0.0	27.123	14.865	0.0	181.333	12.078	0.0	256.268	12.609	0.0	2.111	0.0	0.0	2.081	0.0	0.0	2.284	0.0	0.0	2.377	0.0
119	4146	4147	SN	1	0.0	25.854	9.241	0.0	29.555	9.128	0.0	186.848	3.304	0.0	15.47	3.512	0.0	2.107	0.0	0.0	2.241	0.0	0.0	2.289	0.0	0.0	2.383	0.0
120	4146	4147	NS	1	0.0	25.926	14.773	0.0	35.577	15.404	0.0	352.952	11.511	0.0	39.68	11.491	0.0	1.924	0.0	0.0	1.88	0.0	0.0	2.071	0.0	0.0	2.04	0.0
121	4146	4147	NS	1	0.0	26.781	8.989	0.0	25.821	8.898	0.0	352.626	3.343	0.0	67.024	2.916	0.0	1.909	0.0	0.0	1.87	0.0	0.0	2.065	0.0	0.0	2.04	0.0
122	4146	4147	SN	1	0.0	34.121	15.785	0.0	25.965	14.535	0.0	173.381	12.315	0.0	20.433	12.169	0.0	2.099	0.0	0.0	2.052	0.0	0.0	2.266	0.0	0.0	2.383	0.0

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