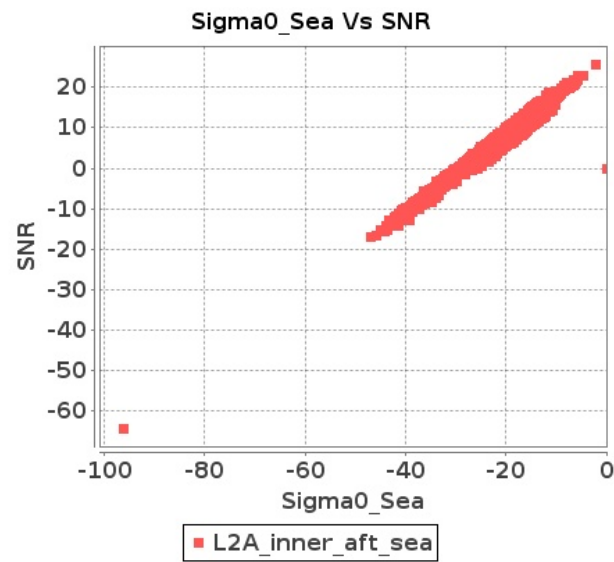


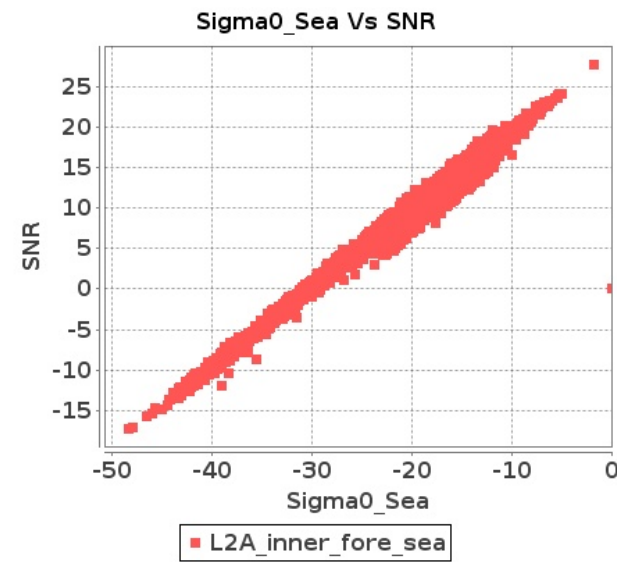
# SCATSAT-1 Scatterometer Level-2A Data Quality Cycle wise Report

Report between 11-JUL-2017 To 12-JUL-2017

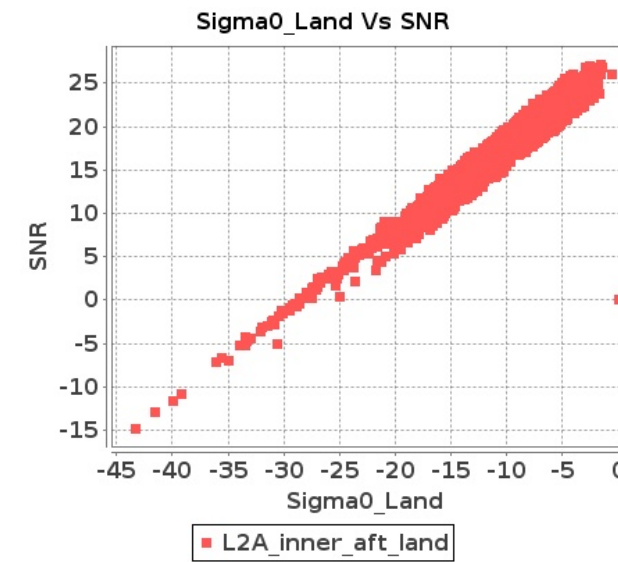
### Inner Sea Aft Sigma0VsSNR



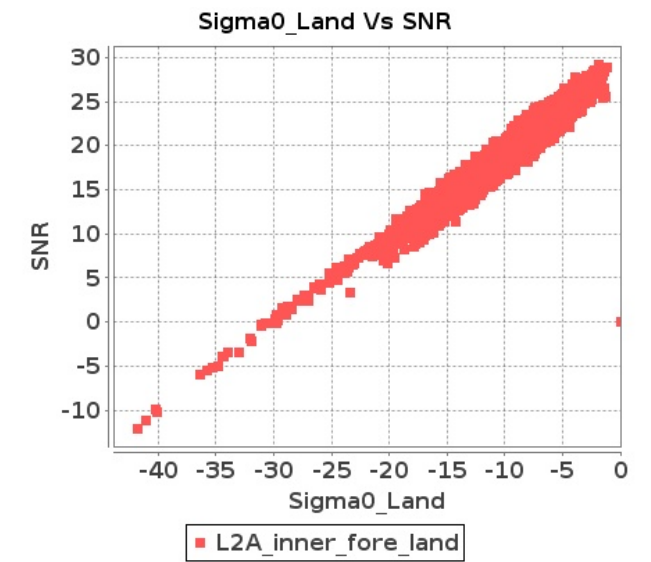
### Inner Sea Fore Sigma0VsSNR



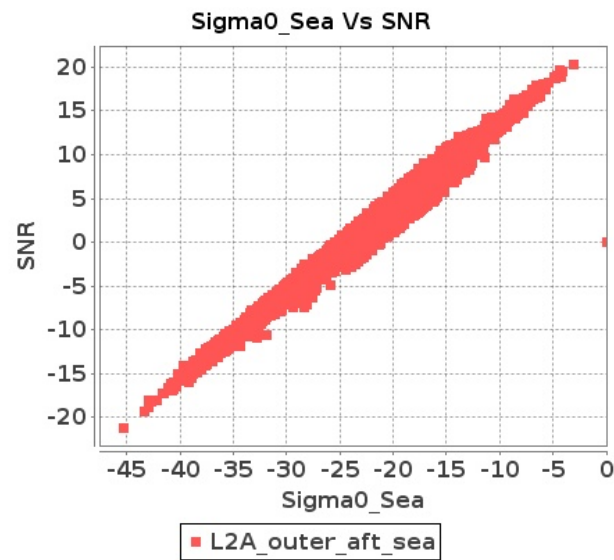
### Inner Land Aft Sigma0VsSNR



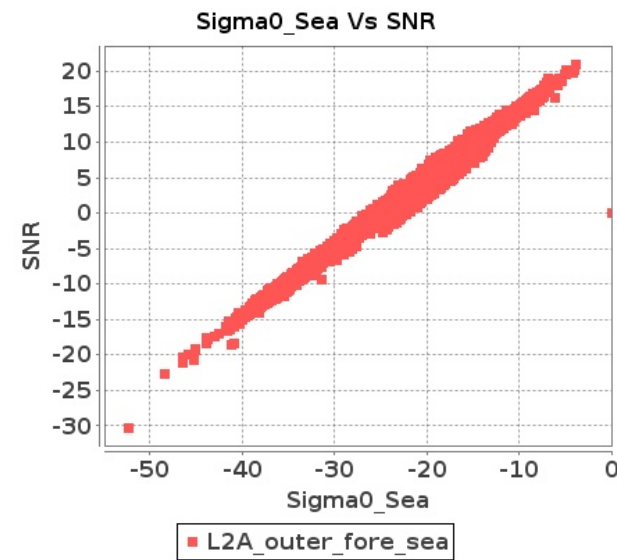
### Inner Land Fore Sigma0VsSNR



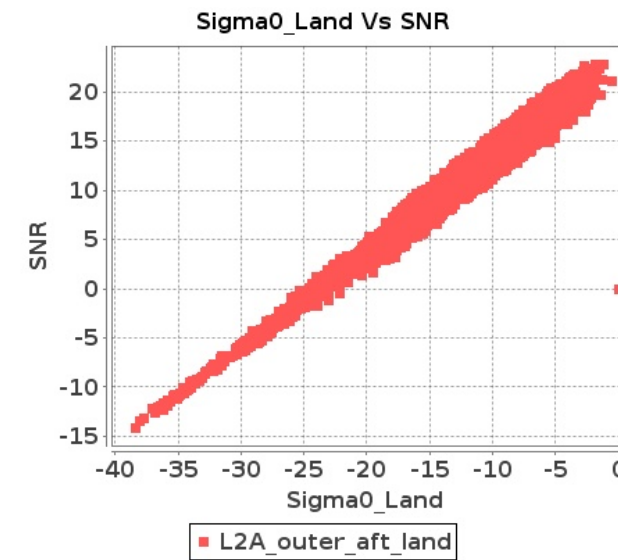
### Outer Sea Aft Sigma0VsSNR



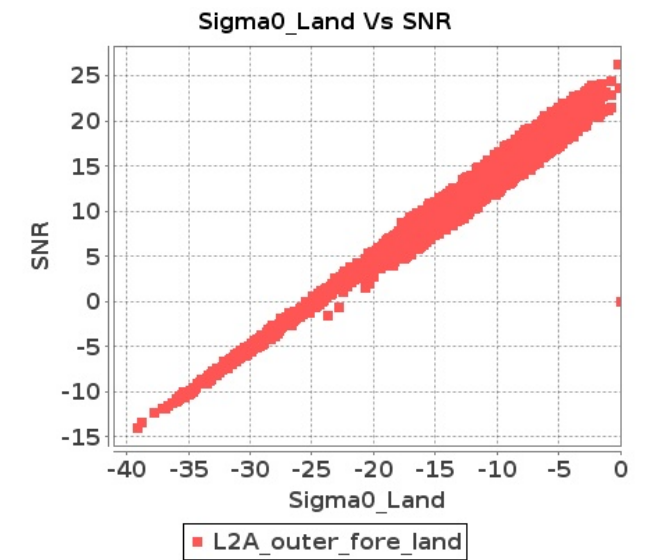
### Outer Sea Fore Sigma0VsSNR



### Outer Land Aft Sigma0VsSNR



### Outer Land Fore Sigma0VsSNR



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

Report between 11-JUL-2017 To 12-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	4173	4174	NS	1	0.0	48.896	4.105	0.0	45.652	3.265	0.0	47.072	2.432	0.0	42.96	2.245	0.0	48.681	3.644	0.0	45.891	2.935	0.0	44.136	2.203	0.0	42.65	1.958
2	4173	4174	SN	1	0.0	55.372	7.427	0.0	51.113	6.777	0.0	45.842	4.558	0.0	43.76	4.744	0.0	59.157	6.704	0.0	52.999	6.387	0.0	43.802	4.24	0.0	45.089	4.187
3	4173	4174	SN	1	0.0	48.91	2.083	0.0	48.146	1.902	0.0	43.025	1.308	0.0	40.177	1.285	0.0	48.035	1.886	0.0	50.336	1.669	0.0	43.565	1.182	0.0	37.523	1.13
4	4173	4174	SN	1	0.0	50.243	2.229	0.0	49.495	1.92	0.0	42.383	1.385	0.0	43.457	1.31	0.0	49.469	2.058	0.0	51.685	1.658	0.0	42.84	1.245	0.0	45.55	1.152
5	4173	4174	SN	1	0.0	48.91	2.095	0.0	48.146	1.922	0.0	43.025	1.327	0.0	40.177	1.313	0.0	48.035	1.9	0.0	50.336	1.691	0.0	43.565	1.197	0.0	37.523	1.152
6	4173	4174	SN	1	0.0	52.607	7.792	0.0	51.419	6.865	0.0	45.206	4.905	0.0	42.569	4.805	0.0	53.326	7.111	0.0	52.163	6.402	0.0	42.733	4.572	0.0	44.67	4.192
7	4173	4174	NS	1	0.0	55.735	12.803	0.0	54.66	10.804	0.0	46.965	8.509	0.0	54.058	7.897	0.0	56.442	11.777	0.0	55.208	10.101	0.0	46.81	7.982	0.0	50.109	7.192
8	4173	4174	NS	1	0.0	56.882	12.843	0.0	54.399	10.764	0.0	48.647	8.573	0.0	53.319	7.946	0.0	55.999	11.858	0.0	54.946	10.06	0.0	47.566	7.968	0.0	49.37	7.135
9	4173	4174	NS	1	0.0	49.858	4.094	0.0	45.683	3.265	0.0	42.785	2.409	0.0	43.805	2.273	0.0	49.898	3.637	0.0	45.966	2.917	0.0	44.66	2.171	0.0	41.154	1.968
10	4173	4174	SN	1	0.0	55.372	7.366	0.0	51.113	6.719	0.0	45.842	4.567	0.0	43.76	4.655	0.0	59.157	6.667	0.0	52.999	6.308	0.0	43.802	4.224	0.0	45.089	4.096
11	4174	4175	SN	1	0.0	42.952	1.943	0.0	43.54	2.017	0.0	41.865	1.524	0.0	41.3	1.763	0.0	41.44	1.752	0.0	42.549	1.848	0.0	38.945	1.484	0.0	41.329	1.578
12	4174	4175	SN	1	0.0	49.954	5.398	0.0	49.724	5.005	0.0	43.396	4.704	0.0	44.776	5.344	0.0	49.846	5.277	0.0	49.661	4.934	0.0	43.314	4.482	0.0	42.571	5.156
13	4174	4175	SN	1	0.0	49.954	5.398	0.0	49.724	5.005	0.0	43.396	4.704	0.0	44.776	5.344	0.0	49.846	5.277	0.0	49.661	4.934	0.0	43.314	4.482	0.0	42.571	5.156
14	4174	4175	SN	1	0.0	49.954	5.398	0.0	49.724	5.005	0.0	43.396	4.704	0.0	44.776	5.344	0.0	49.846	5.277	0.0	49.661	4.934	0.0	43.314	4.482	0.0	42.571	5.156
15	4174	4175	NS	1	0.0	47.16	6.353	0.0	52.889	5.028	0.0	48.995	3.83	0.0	48.5	3.626	0.0	44.628	5.619	0.0	48.847	4.676	0.0	47.437	3.432	0.0	48.116	3.255
16	4174	4175	NS	1	0.0	54.648	6.334	0.0	50.966	4.994	0.0	47.004	4.001	0.0	42.331	3.482	0.0	51.295	5.64	0.0	50.825	4.451	0.0	44.579	3.524	0.0	43.086	3.147
17	4174	4175	NS	1	0.0	54.648	6.334	0.0	50.966	4.994	0.0	47.004	4.001	0.0	42.331	3.482	0.0	51.295	5.64	0.0	50.825	4.451	0.0	44.579	3.524	0.0	43.086	3.147
18	4174	4175	SN	1	0.0	49.954	5.329	0.0	49.724	5.0	0.0	43.396	4.643	0.0	44.776	5.333	0.0	49.846	5.208	0.0	49.661	4.929	0.0	43.314	4.423	0.0	42.571	5.146
19	4174	4175	SN	1	0.0	42.952	1.971	0.0	43.54	2.02	0.0	41.865	1.541	0.0	41.3	1.764	0.0	41.44	1.775	0.0	42.549	1.851	0.0	38.945	1.503	0.0	41.329	1.579
20	4174	4175	SN	1	0.0	42.952	1.971	0.0	43.54	2.02	0.0	41.865	1.541	0.0	41.3	1.764	0.0	41.44	1.775	0.0	42.549	1.851	0.0	38.945	1.503	0.0	41.329	1.579
21	4174	4175	SN	1	0.0	42.952	1.971	0.0	43.54	2.017	0.0	41.865	1.541	0.0	41.3	1.764	0.0	41.44	1.775	0.0	42.549	1.848	0.0	38.945	1.503	0.0	41.329	1.578
22	4174	4175	NS	1	0.0	49.937	2.05	0.0	46.722	1.49	0.0	38.087	1.187	0.0	38.853	1.007	0.0	50.614	1.752	0.0	45.747	1.291	0.0	37.546	1.025	0.0	36.675	0.858
23	4174	4175	NS	1	0.0	49.937	2.05	0.0	46.722	1.49	0.0	38.087	1.187	0.0	38.853	1.007	0.0	50.614	1.752	0.0	45.747	1.291	0.0	37.546	1.025	0.0	36.675	0.858
24	4174	4175	NS	1	0.0	53.699	2.038	0.0	46.456	1.533	0.0	40.536	1.213	0.0	40.064	0.986	0.0	51.567	1.683	0.0	45.895	1.342	0.0	36.968	0.987	0.0	42.976	0.837
25	4175	4176	NS	1	0.0	42.205	1.56	0.0	42.03	1.397	0.0	38.055	1.109	0.0	38.449	1.241	0.0	43.33	1.458	0.0	40.123	1.307	0.0	36.363	1.055	0.0	36.788	1.193
26	4175	4176	NS	1	0.0	42.949	4.092	0.0	48.792	3.576	0.0	44.804	3.802	0.0	39.187	3.916	0.0	43.563	3.62	0.0	48.359	3.386	0.0	46.665	3.56	0.0	41.675	3.816
27	4175	4176	SN	1	0.0	48.545	4.667	0.0	50.192	3.679	0.0	46.421	3.584	0.0	43.967	3.7	0.0	49.766	3.854	0.0	49.346	3.424	0.0	46.147	3.282	0.0	44.0	3.128
28	4175	4176	SN	1	0.0	43.772	1.739	0.0	45.494	1.445	0.0	43.638	1.237	0.0	40.033	1.42	0.0	44.176	1.465	0.0	47.639	1.183	0.0	44.72	1.108	0.0	38.991	1.143
29	4178	4179	NS	1	0.0	49.775	9.745	0.0	49.331	7.963	0.0	47.713	6.844	0.0	45.349	5.977	0.0	45.869	8.95	0.0	47.888	7.259	0.0	47.064	6.545	0.0	45.433	5.507
30	4178	4179	SN	1	0.0	50.841	12.513	0.0	48.548	12.214	0.0	42.051	8.488	0.0	46.767	8.381	0.0	49.588	12.355	0.0	48.551	11.821	0.0	43.0	8.675	0.0	46.226	8.313
31	4178	4179	SN	1	0.0	50.37	4.134	0.0	44.434	3.999	0.0	41.795	2.691	0.0	42.706	2.755	0.0	49.849	3.96	0.0	47.228	3.845	0.0	42.712	2.698	0.0	42.275	2.567

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

32	4178	4179	SN	1	0.0	50.37	4.309	0.0	44.434	4.134	0.0	41.795	2.817	0.0	42.706	2.839	0.0	49.849	4.14	0.0	47.228	3.988	0.0	42.712	2.826	0.0	42.275	2.646
33	4178	4179	NS	1	0.0	46.107	2.902	0.0	48.123	2.435	0.0	43.18	2.146	0.0	50.421	1.882	0.0	47.592	2.532	0.0	45.568	2.164	0.0	45.055	2.034	0.0	51.365	1.712
34	4178	4179	SN	1	0.0	50.841	12.069	0.0	48.548	11.881	0.0	43.308	8.162	0.0	46.767	8.165	0.0	49.588	11.889	0.0	48.551	11.458	0.0	43.0	8.318	0.0	46.226	8.086
35	4179	4180	SN	1	0.0	50.658	3.539	0.0	47.804	3.385	0.0	41.724	2.204	0.0	41.625	2.239	0.0	47.116	3.173	0.0	45.401	3.129	0.0	40.17	2.071	0.0	38.939	2.065
36	4179	4180	SN	1	0.0	51.427	11.096	0.0	49.748	10.559	0.0	46.693	6.821	0.0	51.312	7.46	0.0	48.488	10.454	0.0	51.08	9.854	0.0	45.482	6.502	0.0	48.236	7.047
37	4179	4180	SN	1	0.0	51.427	11.003	0.0	49.748	10.395	0.0	46.693	7.003	0.0	51.312	7.362	0.0	48.488	10.432	0.0	51.08	9.702	0.0	45.482	6.712	0.0	48.236	6.925
38	4179	4180	SN	1	0.0	50.658	3.494	0.0	47.804	3.353	0.0	41.724	2.146	0.0	41.625	2.248	0.0	47.116	3.127	0.0	45.401	3.082	0.0	40.17	2.003	0.0	38.939	2.063
39	4179	4180	NS	1	0.0	43.765	7.029	0.0	49.594	6.012	0.0	42.358	5.833	0.0	42.351	5.059	0.0	43.254	6.466	0.0	51.124	5.53	0.0	41.812	5.384	0.0	42.04	4.695
40	4179	4180	NS	1	0.0	47.481	2.654	0.0	43.222	2.32	0.0	40.824	1.933	0.0	40.408	1.652	0.0	50.344	2.315	0.0	41.199	2.137	0.0	39.405	1.732	0.0	40.943	1.435
41	4180	4181	NS	1	0.0	44.574	7.613	0.0	44.58	5.872	0.0	43.805	5.014	0.0	41.056	4.709	0.0	42.662	6.637	0.0	43.121	5.027	0.0	43.403	4.879	0.0	42.79	4.403
42	4180	4181	SN	1	0.0	49.181	3.774	0.0	55.856	4.04	0.0	52.646	3.376	0.0	48.319	3.532	0.0	50.857	3.064	0.0	57.45	3.426	0.0	48.987	2.794	0.0	49.684	2.946
43	4180	4181	NS	1	0.0	41.268	2.245	0.0	38.073	1.699	0.0	48.754	1.611	0.0	42.312	1.417	0.0	41.885	1.944	0.0	36.311	1.407	0.0	46.459	1.526	0.0	40.024	1.336
44	4180	4181	SN	1	0.0	51.45	1.356	0.0	48.443	1.307	0.0	46.396	0.966	0.0	40.536	1.052	0.0	47.483	1.047	0.0	50.415	1.059	0.0	45.508	0.734	0.0	39.08	0.847
45	4187	4188	SN	1	0.0	48.556	6.178	0.0	51.04	5.612	0.0	45.247	4.789	0.0	44.68	4.385	0.0	47.713	5.449	0.0	50.601	4.9	0.0	45.008	4.183	0.0	44.668	3.956
46	4187	4188	SN	1	0.0	48.042	2.164	0.0	48.506	1.827	0.0	47.96	1.512	0.0	42.143	1.337	0.0	47.616	1.756	0.0	47.051	1.558	0.0	50.923	1.307	0.0	43.269	1.152

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	4173	4174	NS	1	0.0	26.797	8.974	0.0	25.81	8.868	0.0	350.68	3.287	0.0	69.495	2.834	0.0	1.915	0.0	1.868	0.0	0.0	2.065	0.0	0.0	2.037	0.0	
2	4173	4174	SN	1	0.0	33.868	15.724	0.0	25.954	13.69	0.0	200.796	11.678	0.0	18.051	11.232	0.0	1.882	0.0	1.935	0.0	0.0	2.058	0.0	0.0	2.12	0.0	
3	4173	4174	SN	1	0.0	25.882	8.975	0.0	26.764	8.949	0.0	185.48	3.122	0.0	72.61	3.443	0.0	1.875	0.0	1.948	0.0	0.0	2.052	0.0	0.0	2.1	0.0	
4	4173	4174	SN	1	0.0	25.882	9.182	0.0	26.764	9.163	0.0	185.254	3.331	0.0	72.61	3.657	0.0	1.875	0.0	1.948	0.0	0.0	2.052	0.0	0.0	2.1	0.0	
5	4173	4174	SN	1	0.0	25.882	8.932	0.0	26.764	8.676	0.0	185.48	3.106	0.0	13.997	3.136	0.0	1.875	0.0	1.948	0.0	0.0	2.052	0.0	0.0	2.1	0.0	
6	4173	4174	SN	1	0.0	33.868	16.034	0.0	27.134	14.667	0.0	200.702	12.199	0.0	74.894	12.76	0.0	1.881	0.0	1.935	0.0	0.0	2.058	0.0	0.0	2.12	0.0	
7	4173	4174	NS	1	0.0	25.921	15.136	0.0	33.63	15.347	0.0	351.148	11.35	0.0	45.262	11.122	0.0	1.929	0.0	1.881	0.0	0.0	2.068	0.0	0.0	2.038	0.0	
8	4173	4174	NS	1	0.0	25.921	15.136	0.0	33.658	15.347	0.0	351.154	11.371	0.0	45.284	11.136	0.0	1.929	0.0	1.882	0.0	0.0	2.067	0.0	0.0	2.038	0.0	
9	4173	4174	NS	1	0.0	26.797	8.978	0.0	25.81	8.873	0.0	350.669	3.283	0.0	69.45	2.841	0.0	1.915	0.0	1.868	0.0	0.0	2.065	0.0	0.0	2.037	0.0	
10	4173	4174	SN	1	0.0	31.54	15.785	0.0	27.134	14.283	0.0	200.796	11.772	0.0	70.719	12.238	0.0	1.882	0.0	1.935	0.0	0.0	2.058	0.0	0.0	2.12	0.0	
11	4174	4175	SN	1	0.0	25.871	9.197	0.0	26.775	9.198	0.0	182.58	3.338	0.0	81.04	3.733	0.0	1.875	0.0	1.945	0.0	0.0	2.052	0.0	0.0	2.097	0.0	
12	4174	4175	SN	1	0.0	34.039	16.022	0.0	25.954	14.485	0.0	204.557	12.361	0.0	22.038	12.471	0.0	1.881	0.0	1.93	0.0	0.0	2.057	0.0	0.0	2.115	0.0	
13	4174	4175	SN	1	0.0	34.039	16.022	0.0	25.954	14.485	0.0	204.557	12.361	0.0	22.038	12.471	0.0	1.881	0.0	1.93	0.0	0.0	2.057	0.0	0.0	2.115	0.0	
14	4174	4175	SN	1	0.0	34.039	16.022	0.0	25.954	14.485	0.0	204.557	12.361	0.0	22.038	12.471	0.0	1.881	0.0	1.93	0.0	0.0	2.057	0.0	0.0	2.115	0.0	
15	4174	4175	NS	1	0.0	25.915	15.159	0.0	33.901	15.415	0.0	356.515	11.377	0.0	51.924	11.17	0.0	1.92	0.0	1.879	0.0	0.0	2.065	0.0	0.0	2.037	0.0	
16	4174	4175	NS	1	0.0	25.915	15.172	0.0	33.697	15.404	0.0	355.103	11.321	0.0	51.924	11.172	0.0	1.918	0.0	1.88	0.0	0.0	2.065	0.0	0.0	2.037	0.0	
17	4174	4175	NS	1	0.0	25.915	15.172	0.0	33.697	15.404	0.0	355.103	11.321	0.0	51.924	11.172	0.0	1.918	0.0	1.88	0.0	0.0	2.065	0.0	0.0	2.037	0.0	
18	4174	4175	SN	1	0.0	31.402	16.006	0.0	27.134	14.715	0.0	204.557	12.277	0.0	76.002	12.864	0.0	1.881	0.0	1.93	0.0	0.0	2.057	0.0	0.0	2.115	0.0	
19	4174	4175	SN	1	0.0	25.871	9.209	0.0	26.775	9.081	0.0	182.58	3.363	0.0	15.095	3.58	0.0	1.875	0.0	1.945	0.0	0.0	2.052	0.0	0.0	2.097	0.0	
20	4174	4175	SN	1	0.0	25.871	9.209	0.0	26.775	9.081	0.0	182.58	3.363	0.0	15.095	3.58	0.0	1.875	0.0	1.945	0.0	0.0	2.052	0.0	0.0	2.097	0.0	
21	4174	4175	SN	1	0.0	25.871	9.209	0.0	26.775	9.088	0.0	182.58	3.363	0.0	15.095	3.592	0.0	1.875	0.0	1.945	0.0	0.0	2.052	0.0	0.0	2.097	0.0	
22	4174	4175	NS	1	0.0	26.792	8.955	0.0	25.81	8.812	0.0	351.154	3.248	0.0	69.561	2.821	0.0	1.908	0.0	1.867	0.0	0.0	2.066	0.0	0.0	2.037	0.0	
23	4174	4175	NS	1	0.0	26.792	8.955	0.0	25.81	8.812	0.0	351.154	3.248	0.0	69.561	2.821	0.0	1.908	0.0	1.867	0.0	0.0	2.066	0.0	0.0	2.037	0.0	
24	4174	4175	NS	1	0.0	26.775	8.979	0.0	25.816	8.815	0.0	356.515	3.255	0.0	63.941	2.826	0.0	1.91	0.0	1.867	0.0	0.0	2.066	0.0	0.0	2.037	0.0	
25	4175	4176	NS	1	0.0	26.797	8.933	0.0	25.81	8.798	0.0	351.452	3.231	0.0	81.021	2.799	0.0	1.911	0.0	1.866	0.0	0.0	2.066	0.0	0.0	2.037	0.0	
26	4175	4176	NS	1	0.0	25.932	15.142	0.0	33.708	15.471	0.0	355.389	11.286	0.0	54.935	11.136	0.0	1.928	0.0	1.879	0.0	0.0	2.065	0.0	0.0	2.037	0.0	
27	4175	4176	SN	1	0.0	33.912	15.984	0.0	25.948	14.401	0.0	183.484	12.372	0.0	21.062	12.475	0.0	1.882	0.0	1.94	0.0	0.0	2.061	0.0	0.0	2.118	0.0	
28	4175	4176	SN	1	0.0	25.876	9.23	0.0	26.786	9.127	0.0	201.275	3.41	0.0	14.185	3.59	0.0	1.876	0.0	1.947	0.0	0.0	2.056	0.0	0.0	2.1	0.0	
29	4178	4179	NS	1	0.0	25.926	15.145	0.0	33.945	15.303	0.0	352.196	11.295	0.0	36.62	11.228	0.0	1.927	0.0	1.878	0.0	0.0	2.063	0.0	0.0	2.037	0.0	
30	4178	4179	SN	1	0.0	34.116	16.005	0.0	25.816	13.868	0.0	331.675	12.598	0.0	14.913	11.808	0.0	1.884	0.0	1.94	0.0	0.0	2.052	0.0	0.0	2.083	0.0	
31	4178	4179	SN	1	0.0	25.865	9.236	0.0	26.764	9.174	0.0	225.464	3.409	0.0	79.149	3.712	0.0	1.876	0.0	1.94	0.0	0.0	2.052	0.0	0.0	2.103	0.0	

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

32	4178	4179	SN	1	0.0	25.865	9.251	0.0	26.764	9.009	0.0	225.464	3.475	0.0	14.19	3.466	0.0	1.876	0.0	0.0	1.94	0.0	0.0	2.052	0.0	0.0	2.103	0.0
33	4178	4179	NS	1	0.0	26.819	8.938	0.0	25.81	8.841	0.0	334.989	3.221	0.0	64.707	2.778	0.0	1.908	0.0	0.0	1.866	0.0	0.0	2.064	0.0	0.0	2.036	0.0
34	4178	4179	SN	1	0.0	34.116	16.008	0.0	26.45	14.609	0.0	331.675	12.374	0.0	89.663	12.785	0.0	1.884	0.0	0.0	1.94	0.0	0.0	2.052	0.0	0.0	2.083	0.0
35	4179	4180	SN	1	0.0	25.876	9.275	0.0	26.775	8.962	0.0	275.041	3.461	0.0	13.093	3.437	0.0	1.876	0.0	0.0	1.943	0.0	0.0	2.051	0.0	0.0	2.112	0.0
36	4179	4180	SN	1	0.0	34.005	15.987	0.0	26.5	14.655	0.0	187.822	12.351	0.0	83.423	12.84	0.0	1.883	0.0	0.0	1.939	0.0	0.0	2.056	0.0	0.0	2.083	0.0
37	4179	4180	SN	1	0.0	34.005	16.058	0.0	25.672	13.774	0.0	187.822	12.6	0.0	14.891	11.646	0.0	1.883	0.0	0.0	1.939	0.0	0.0	2.056	0.0	0.0	2.083	0.0
38	4179	4180	SN	1	0.0	25.876	9.251	0.0	26.775	9.168	0.0	275.041	3.386	0.0	91.497	3.719	0.0	1.876	0.0	0.0	1.943	0.0	0.0	2.051	0.0	0.0	2.112	0.0
39	4179	4180	NS	1	0.0	25.92	15.185	0.0	33.967	15.383	0.0	355.428	11.317	0.0	37.127	11.229	0.0	1.924	0.0	0.0	1.879	0.0	0.0	2.065	0.0	0.0	2.037	0.0
40	4179	4180	NS	1	0.0	26.786	8.969	0.0	25.805	8.819	0.0	338.326	3.221	0.0	71.359	2.789	0.0	1.919	0.0	0.0	1.867	0.0	0.0	2.064	0.0	0.0	2.037	0.0
41	4180	4181	NS	1	0.0	25.915	15.165	0.0	34.011	15.403	0.0	355.439	11.282	0.0	52.161	11.157	0.0	1.92	0.0	0.0	1.877	0.0	0.0	2.066	0.0	0.0	2.038	0.0
42	4180	4181	SN	1	0.0	33.994	16.206	0.0	24.178	13.638	0.0	347.299	12.569	0.0	14.874	11.372	0.0	1.883	0.0	0.0	1.934	0.0	0.0	2.056	0.0	0.0	2.083	0.0
43	4180	4181	NS	1	0.0	26.797	8.96	0.0	25.805	8.846	0.0	340.157	3.222	0.0	72.754	2.791	0.0	1.912	0.0	0.0	1.866	0.0	0.0	2.065	0.0	0.0	2.037	0.0
44	4180	4181	SN	1	0.0	25.865	9.294	0.0	26.764	8.868	0.0	232.97	3.485	0.0	13.093	3.446	0.0	1.877	0.0	0.0	1.942	0.0	0.0	2.051	0.0	0.0	2.082	0.0
45	4187	4188	SN	1	0.0	33.846	16.01	0.0	25.799	13.861	0.0	181.03	12.533	0.0	14.769	11.829	0.0	1.888	0.0	0.0	1.932	0.0	0.0	2.061	0.0	0.0	2.111	0.0
46	4187	4188	SN	1	0.0	25.865	9.216	0.0	26.77	8.985	0.0	176.552	3.438	0.0	14.14	3.473	0.0	1.884	0.0	0.0	1.947	0.0	0.0	2.059	0.0	0.0	2.105	0.0

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