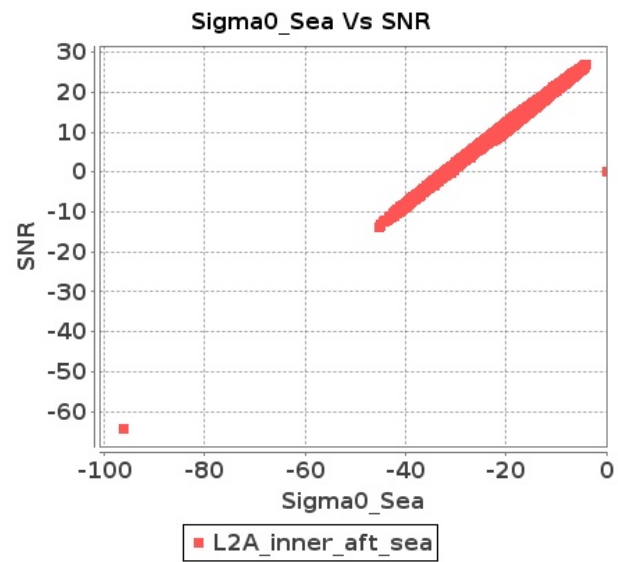


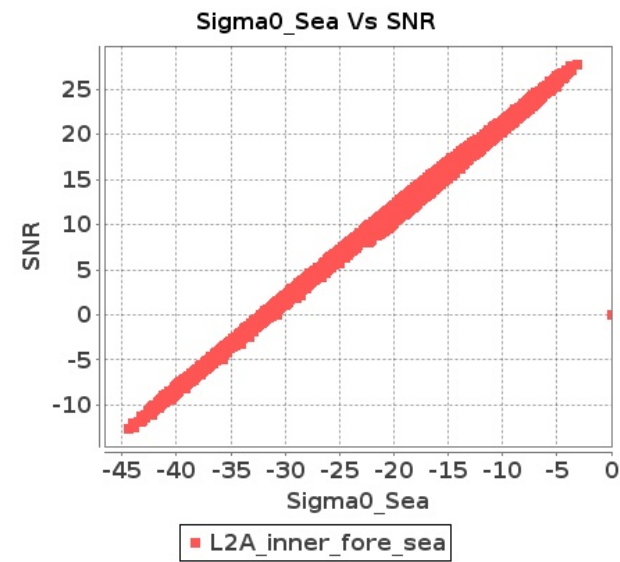
# SCATSAT-1 Scatterometer Level-2A Data Quality Cycle wise Report

Report between 29-NOV-2016 To 30-NOV-2016

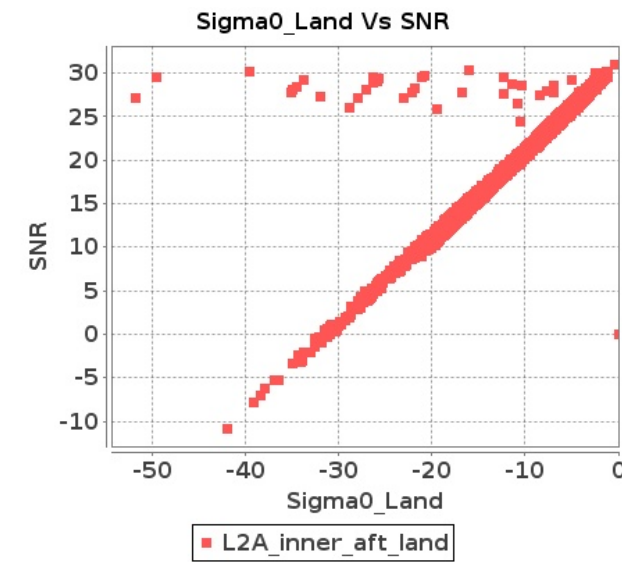
### Inner Sea Aft Sigma0VsSNR



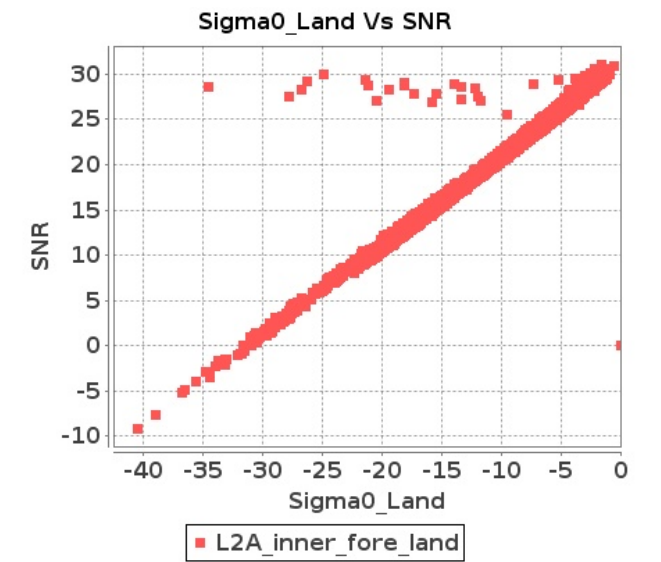
### Inner Sea Fore Sigma0VsSNR



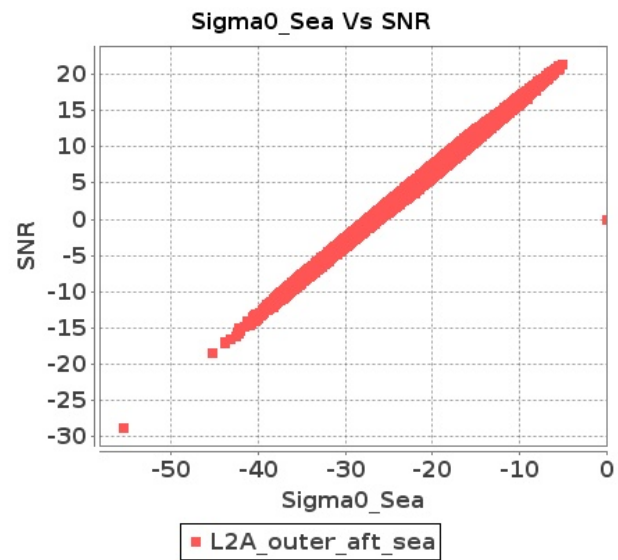
### Inner Land Aft Sigma0VsSNR



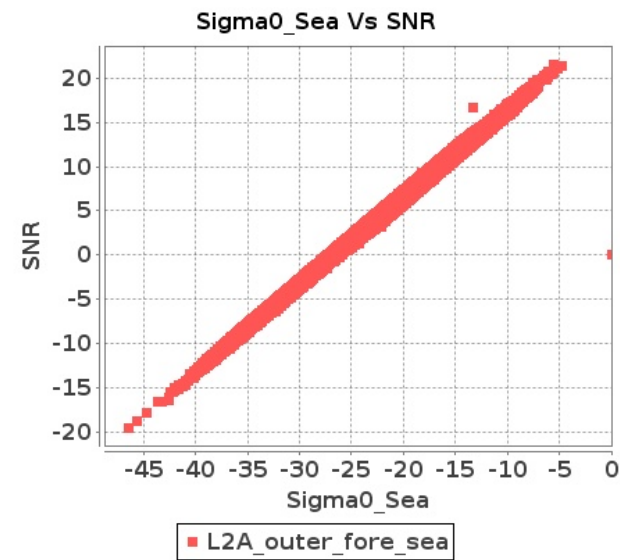
### Inner Land Fore Sigma0VsSNR



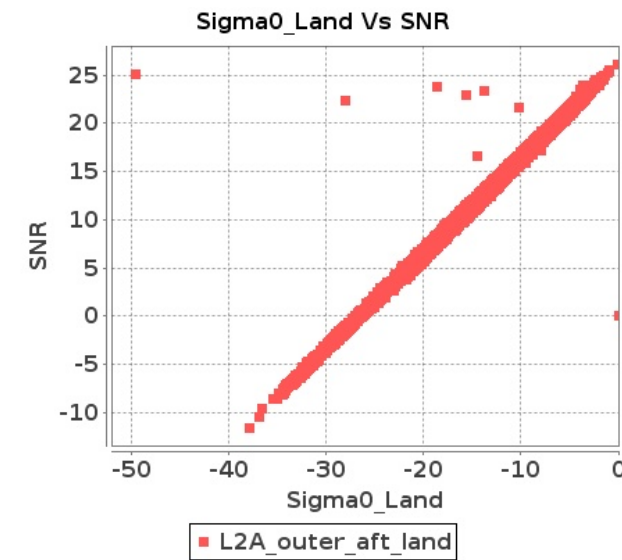
### Outer Sea Aft Sigma0VsSNR



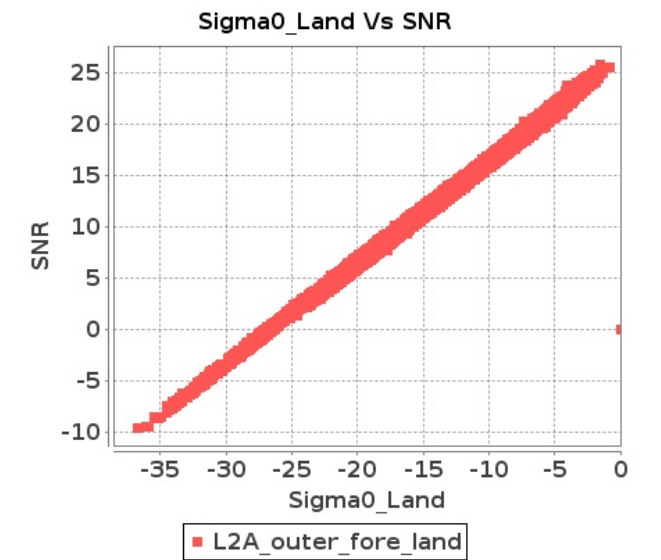
### Outer Sea Fore Sigma0VsSNR



### Outer Land Aft Sigma0VsSNR



### Outer Land Fore Sigma0VsSNR



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

Report between 29-NOV-2016 To 30-NOV-2016

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	926	927	SN	1	0.0	43.695	4.329	0.0	55.81	4.255	0.0	56.739	4.744	0.0	45.621	4.803	0.0	93.729	4.392	0.0	55.71	4.291	0.0	56.898	4.714	0.0	45.016	4.841
2	926	927	SN	1	0.0	45.641	1.177	0.0	43.912	1.142	0.0	45.887	1.441	0.0	48.011	1.604	0.0	94.171	1.207	0.0	43.796	1.144	0.0	93.733	1.439	0.0	48.035	1.586
3	927	928	SN	1	0.0	95.503	0.874	0.0	97.142	0.862	0.0	45.927	0.771	0.0	42.326	0.98	0.0	95.443	0.951	0.0	95.112	0.899	0.0	95.163	0.793	0.0	42.424	0.973
4	927	928	NS	1	0.0	100.309	3.179	0.0	97.087	2.829	0.0	58.014	2.247	0.0	49.113	2.326	0.0	95.375	3.29	0.0	95.366	2.963	0.0	95.587	2.27	0.0	94.972	2.319
5	927	928	NS	1	0.0	95.578	9.847	0.0	96.997	9.635	0.0	58.887	7.5	0.0	54.321	7.415	0.0	94.886	10.112	0.0	95.366	9.884	0.0	94.758	7.507	0.0	94.865	7.479
6	927	928	SN	1	0.0	93.306	3.107	0.0	98.21	3.35	0.0	47.791	2.518	0.0	49.509	3.509	0.0	95.404	3.319	0.0	95.133	3.563	0.0	91.615	2.59	0.0	49.496	3.524
7	928	929	SN	1	0.0	47.242	1.535	0.0	50.977	1.596	0.0	45.722	1.56	0.0	48.57	1.934	0.0	94.834	1.558	0.0	95.303	1.617	0.0	45.698	1.566	0.0	48.273	1.934
8	928	929	NS	1	0.0	91.757	4.872	0.0	47.796	4.862	0.0	53.139	4.609	0.0	49.261	5.142	0.0	94.744	4.988	0.0	92.09	4.92	0.0	53.043	4.595	0.0	48.98	5.149
9	928	929	SN	1	0.0	58.062	4.886	0.0	53.56	5.29	0.0	54.332	4.57	0.0	54.694	5.574	0.0	95.199	4.97	0.0	95.282	5.417	0.0	54.136	4.556	0.0	55.041	5.552
10	928	929	NS	1	0.0	48.218	1.562	0.0	47.474	1.552	0.0	51.582	1.415	0.0	59.898	1.621	0.0	94.489	1.598	0.0	94.495	1.559	0.0	91.397	1.421	0.0	60.163	1.616
11	929	930	NS	1	0.0	47.119	1.976	0.0	48.101	2.199	0.0	46.156	1.934	0.0	50.728	2.425	0.0	94.162	1.994	0.0	94.17	2.195	0.0	46.273	1.92	0.0	50.841	2.427
12	929	930	SN	1	0.0	44.393	1.496	0.0	46.891	1.725	0.0	49.584	1.507	0.0	52.318	2.095	0.0	95.531	1.492	0.0	93.208	1.714	0.0	49.402	1.487	0.0	52.016	2.079
13	929	930	NS	1	0.0	59.129	6.032	0.0	49.772	6.882	0.0	53.262	5.529	0.0	55.062	6.502	0.0	95.091	6.082	0.0	94.209	6.94	0.0	53.283	5.493	0.0	54.932	6.481
14	929	930	SN	1	0.0	57.224	4.686	0.0	48.964	5.456	0.0	46.398	4.529	0.0	49.0	5.82	0.0	94.583	4.77	0.0	94.636	5.557	0.0	46.524	4.486	0.0	49.185	5.776
15	930	931	SN	1	0.0	52.118	3.68	0.0	48.005	4.106	0.0	49.097	3.768	0.0	52.576	4.642	0.0	51.951	3.73	0.0	48.263	4.157	0.0	49.119	3.739	0.0	52.173	4.664
16	930	931	NS	1	0.0	52.463	5.566	0.0	57.862	6.201	0.0	61.936	4.871	0.0	48.208	5.586	0.0	95.062	5.649	0.0	93.633	6.342	0.0	94.161	4.9	0.0	48.244	5.608
17	930	931	NS	1	0.0	49.433	1.587	0.0	60.135	1.741	0.0	58.416	1.433	0.0	49.957	1.677	0.0	95.287	1.635	0.0	94.6	1.771	0.0	94.026	1.449	0.0	49.639	1.674
18	930	931	SN	1	0.0	43.39	1.148	0.0	46.71	1.376	0.0	54.303	1.363	0.0	49.54	1.714	0.0	43.399	1.148	0.0	46.575	1.366	0.0	54.156	1.368	0.0	49.246	1.696
19	931	932	NS	1	0.0	53.715	1.004	0.0	56.603	0.913	0.0	42.812	1.097	0.0	52.79	1.202	0.0	94.13	1.002	0.0	93.177	0.934	0.0	94.658	1.09	0.0	53.446	1.195
20	931	932	NS	1	0.0	57.292	3.57	0.0	50.896	3.403	0.0	49.982	3.518	0.0	51.657	3.765	0.0	58.385	3.611	0.0	51.018	3.486	0.0	94.658	3.525	0.0	51.293	3.758
21	931	932	SN	1	0.0	54.756	8.107	0.0	47.231	7.706	0.0	56.158	7.37	0.0	49.323	7.782	0.0	95.006	8.142	0.0	94.615	7.68	0.0	93.833	7.326	0.0	48.98	7.753
22	931	932	SN	1	0.0	57.4	2.544	0.0	46.433	2.361	0.0	54.159	2.528	0.0	52.957	2.797	0.0	95.831	2.559	0.0	95.765	2.346	0.0	53.881	2.51	0.0	52.848	2.795
23	938	939	SN	1	0.0	45.471	4.181	0.0	57.674	4.566	0.0	45.364	3.507	0.0	54.996	4.432	0.0	95.757	4.455	0.0	95.625	4.699	0.0	93.733	3.507	0.0	54.977	4.418
24	938	939	NS	1	0.0	54.587	2.11	0.0	56.913	2.095	0.0	54.628	2.033	0.0	49.159	2.241	0.0	54.75	2.102	0.0	94.778	2.097	0.0	54.631	2.043	0.0	49.321	2.234
25	938	939	NS	1	0.0	46.098	6.545	0.0	50.621	6.139	0.0	47.159	5.732	0.0	51.215	6.49	0.0	46.129	6.594	0.0	50.534	6.106	0.0	47.197	5.753	0.0	51.132	6.44
26	938	939	SN	1	0.0	40.677	1.222	0.0	47.224	1.314	0.0	53.693	1.057	0.0	60.186	1.476	0.0	95.588	1.32	0.0	95.625	1.369	0.0	94.819	1.055	0.0	93.201	1.474
27	939	940	SN	1	0.0	46.671	2.239	0.0	63.101	2.249	0.0	54.674	2.112	0.0	59.912	2.398	0.0	95.853	2.441	0.0	95.778	2.323	0.0	94.308	2.12	0.0	93.163	2.398
28	939	940	NS	1	0.0	50.545	2.642	0.0	56.614	2.742	0.0	49.792	2.608	0.0	53.441	2.754	0.0	95.826	2.699	0.0	95.149	2.763	0.0	93.826	2.571	0.0	93.204	2.736
29	939	940	SN	1	0.0	64.918	7.165	0.0	66.731	7.448	0.0	52.112	6.454	0.0	52.012	7.04	0.0	95.841	7.547	0.0	95.543	7.473	0.0	94.33	6.517	0.0	52.794	6.997
30	940	941	NS	1	0.0	57.698	7.4	0.0	54.38	7.448	0.0	52.013	6.575	0.0	49.971	7.351	0.0	95.828	7.674	0.0	95.434	7.555	0.0	95.478	6.646	0.0	93.982	7.344
31	940	941	NS	1	0.0	49.854	2.345	0.0	43.022	2.37	0.0	58.894	2.153	0.0	47.374	2.411	0.0	95.709	2.412	0.0	95.526	2.385	0.0	95.425	2.185	0.0	94.581	2.387

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

32	940	941	SN	1	0.0	48.056	2.141	0.0	48.237	2.472	0.0	49.697	1.955	0.0	56.342	3.054	0.0	95.863	2.334	0.0	94.999	2.455	0.0	94.45	1.965	0.0	56.569	3.057
33	941	942	NS	1	0.0	96.873	2.734	0.0	58.63	2.498	0.0	53.406	2.345	0.0	62.715	2.264	0.0	95.294	2.832	0.0	95.346	2.566	0.0	94.839	2.347	0.0	93.927	2.266
34	941	942	SN	1	0.0	52.092	3.966	0.0	53.653	3.725	0.0	48.662	3.395	0.0	46.967	3.571	0.0	94.505	4.107	0.0	53.748	3.792	0.0	93.717	3.43	0.0	47.0	3.55
35	941	942	SN	1	0.0	44.732	1.171	0.0	47.963	1.043	0.0	51.198	1.133	0.0	43.328	1.141	0.0	94.972	1.215	0.0	94.943	1.077	0.0	93.717	1.124	0.0	43.347	1.128
36	941	942	NS	1	0.0	70.082	8.238	0.0	57.324	8.79	0.0	55.178	7.38	0.0	48.334	7.679	0.0	95.875	8.503	0.0	95.346	8.948	0.0	93.598	7.416	0.0	92.354	7.771
37	942	943	SN	1	0.0	93.249	5.542	0.0	52.835	5.772	0.0	53.296	4.909	0.0	52.559	5.294	0.0	95.629	5.692	0.0	94.342	5.848	0.0	53.13	4.916	0.0	52.52	5.301
38	942	943	SN	1	0.0	98.691	1.689	0.0	89.856	1.852	0.0	52.971	1.636	0.0	50.763	1.706	0.0	95.804	1.752	0.0	94.506	1.871	0.0	53.148	1.603	0.0	50.793	1.679
39	943	944	SN	1	0.0	97.005	4.802	0.0	97.617	4.913	0.0	53.891	4.654	0.0	49.151	5.397	0.0	95.366	4.844	0.0	95.581	4.947	0.0	53.873	4.64	0.0	48.885	5.311
40	943	944	NS	1	0.0	61.714	3.735	0.0	45.511	4.073	0.0	54.142	3.532	0.0	49.379	4.726	0.0	95.441	3.802	0.0	94.941	4.139	0.0	54.014	3.49	0.0	49.313	4.705
41	943	944	NS	1	0.0	59.468	1.196	0.0	55.304	1.27	0.0	48.071	1.259	0.0	57.268	1.594	0.0	95.747	1.24	0.0	95.845	1.333	0.0	94.074	1.241	0.0	57.317	1.581
42	943	944	SN	1	0.0	98.25	1.628	0.0	98.002	1.563	0.0	46.801	1.553	0.0	55.78	1.935	0.0	95.366	1.644	0.0	95.557	1.599	0.0	46.786	1.516	0.0	55.804	1.934
43	944	945	NS	1	0.0	89.823	2.757	0.0	50.596	2.868	0.0	48.959	2.736	0.0	59.549	2.902	0.0	95.18	2.79	0.0	94.339	2.884	0.0	93.735	2.722	0.0	59.604	2.891
44	944	945	SN	1	0.0	54.349	3.684	0.0	49.19	4.408	0.0	45.095	3.889	0.0	53.661	4.97	0.0	90.609	3.659	0.0	49.495	4.416	0.0	44.836	3.847	0.0	53.737	4.977
45	944	945	SN	1	0.0	43.492	1.188	0.0	49.0	1.438	0.0	51.073	1.359	0.0	48.57	1.978	0.0	89.908	1.186	0.0	49.169	1.434	0.0	50.694	1.345	0.0	48.65	1.972
46	944	945	NS	1	0.0	61.096	8.389	0.0	50.454	8.843	0.0	56.97	7.688	0.0	53.204	8.214	0.0	95.097	8.455	0.0	94.28	8.794	0.0	56.524	7.653	0.0	53.063	8.15
47	945	946	NS	1	0.0	67.61	0.775	0.0	46.272	0.722	0.0	46.057	0.818	0.0	51.034	1.014	0.0	94.965	0.808	0.0	94.913	0.753	0.0	95.313	0.816	0.0	51.319	1.001
48	945	946	NS	1	0.0	51.872	3.131	0.0	52.118	2.832	0.0	49.009	2.863	0.0	47.55	2.954	0.0	52.403	3.23	0.0	95.607	3.005	0.0	95.459	2.934	0.0	47.39	2.989
49	945	946	SN	1	0.0	49.764	2.39	0.0	46.116	2.417	0.0	50.87	2.361	0.0	57.599	2.77	0.0	95.568	2.371	0.0	95.992	2.404	0.0	93.915	2.341	0.0	57.215	2.772
50	945	946	SN	1	0.0	54.403	7.343	0.0	55.339	7.61	0.0	59.383	6.687	0.0	52.703	7.605	0.0	95.24	7.335	0.0	55.378	7.644	0.0	59.037	6.702	0.0	52.969	7.497
51	946	947	SN	1	0.0	51.428	9.31	0.0	51.552	8.137	0.0	55.069	8.761	0.0	49.023	8.414	0.0	95.365	9.393	0.0	92.816	8.162	0.0	55.403	8.733	0.0	49.245	8.378
52	946	947	NS	1	0.0	56.69	1.601	0.0	43.393	1.397	0.0	45.024	1.729	0.0	63.826	1.789	0.0	94.006	1.603	0.0	94.672	1.401	0.0	44.803	1.725	0.0	63.56	1.785
53	946	947	NS	1	0.0	60.647	4.987	0.0	45.941	4.935	0.0	49.174	4.884	0.0	48.625	5.467	0.0	92.559	5.136	0.0	94.183	5.084	0.0	49.308	4.87	0.0	48.672	5.467
54	946	947	SN	1	0.0	46.958	3.104	0.0	47.883	2.412	0.0	54.126	2.997	0.0	54.685	2.829	0.0	95.282	3.106	0.0	95.574	2.446	0.0	54.203	2.983	0.0	54.678	2.805
55	947	948	SN	1	0.0	63.729	7.517	0.0	57.79	7.386	0.0	50.508	6.36	0.0	50.024	6.39	0.0	95.418	7.592	0.0	94.597	7.487	0.0	92.842	6.389	0.0	50.059	6.426
56	947	948	NS	1	0.0	49.645	5.964	0.0	51.288	6.319	0.0	48.539	5.147	0.0	69.672	6.023	0.0	95.656	6.146	0.0	95.885	6.402	0.0	48.323	5.19	0.0	69.957	6.051
57	947	948	SN	1	0.0	60.116	2.271	0.0	50.067	2.013	0.0	44.656	1.989	0.0	47.524	1.943	0.0	95.418	2.328	0.0	95.694	2.062	0.0	94.008	1.996	0.0	47.493	1.923
58	947	948	NS	1	0.0	48.331	1.791	0.0	51.433	1.802	0.0	50.276	1.743	0.0	46.886	1.874	0.0	95.804	1.854	0.0	95.7	1.865	0.0	94.583	1.75	0.0	46.739	1.867
59	948	949	SN	1	0.0	96.579	4.076	0.0	98.634	3.414	0.0	54.312	3.197	0.0	52.759	3.073	0.0	95.725	4.296	0.0	95.776	3.589	0.0	95.5	3.226	0.0	95.368	3.111
60	948	949	NS	1	0.0	47.423	4.2	0.0	48.854	3.9	0.0	59.411	4.044	0.0	52.467	4.392	0.0	95.597	4.366	0.0	95.887	4.049	0.0	93.245	4.065	0.0	52.679	4.378
61	948	949	NS	1	0.0	53.438	1.246	0.0	48.734	1.064	0.0	53.667	1.35	0.0	55.646	1.464	0.0	95.788	1.332	0.0	95.887	1.199	0.0	53.826	1.336	0.0	92.36	1.466
62	948	949	SN	1	0.0	92.86	12.238	0.0	99.022	11.576	0.0	52.798	9.64	0.0	52.493	9.862	0.0	95.482	12.705	0.0	95.108	11.966	0.0	95.012	9.76	0.0	94.081	9.828
63	949	950	NS	1	0.0	50.548	1.495	0.0	44.954	1.464	0.0	51.186	1.278	0.0	50.599	1.55	0.0	95.773	1.602	0.0	95.679	1.542	0.0	94.084	1.271	0.0	50.49	1.553
64	949	950	SN	1	0.0	49.877	1.901	0.0	52.149	1.597	0.0	52.881	1.702	0.0	52.567	1.622	0.0	95.819	2.008	0.0	95.634	1.656	0.0	95.025	1.713	0.0	93.927	1.624
65	949	950	SN	1	0.0	59.835	5.851	0.0	52.6	5.692	0.0	51.209	5.342	0.0	60.096	5.002	0.0	95.897	6.116	0.0	95.634	5.817	0.0	95.384	5.342	0.0	60.27	5.052
66	949	950	NS	1	0.0	52.87	5.272	0.0	53.221	5.26	0.0	61.611	4.282	0.0	50.451	5.149	0.0	95.616	5.496	0.0	95.307	5.484	0.0	61.678	4.282	0.0	50.517	5.17
67	950	951	SN	1	0.0	49.685	2.088	0.0	45.395	1.699	0.0	56.458	1.923	0.0	48.772	2.045	0.0	95.34	2.128	0.0	95.349	1.694	0.0	93.482	1.923	0.0	48.678	2.032

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

68	950	951	NS	1	0.0	83.451	2.395	0.0	45.435	2.118	0.0	47.607	1.994	0.0	48.144	2.254	0.0	95.669	2.485	0.0	95.24	2.154	0.0	95.521	2.035	0.0	95.979	2.252
69	950	951	SN	1	0.0	58.907	6.34	0.0	47.852	5.934	0.0	55.203	5.363	0.0	44.718	5.708	0.0	94.847	6.34	0.0	95.463	6.009	0.0	93.765	5.328	0.0	44.828	5.701
70	950	951	NS	1	0.0	85.51	7.828	0.0	58.034	7.416	0.0	52.991	6.451	0.0	56.189	7.266	0.0	95.963	7.994	0.0	95.524	7.598	0.0	95.506	6.529	0.0	95.45	7.28
71	951	952	NS	1	0.0	46.176	1.825	0.0	99.857	2.006	0.0	55.022	1.815	0.0	58.565	2.03	0.0	95.94	1.883	0.0	95.106	2.056	0.0	93.369	1.802	0.0	58.478	2.012
72	951	952	SN	1	0.0	94.684	2.89	0.0	51.845	2.747	0.0	55.927	2.877	0.0	50.774	3.084	0.0	95.895	2.951	0.0	95.419	2.78	0.0	95.094	2.893	0.0	50.872	3.054
73	951	952	SN	1	0.0	94.836	8.672	0.0	53.743	8.869	0.0	51.52	8.141	0.0	58.129	8.643	0.0	95.801	8.921	0.0	95.35	8.919	0.0	94.886	8.212	0.0	58.058	8.565
74	951	952	NS	1	0.0	55.103	5.477	0.0	98.248	6.033	0.0	51.217	5.368	0.0	46.619	5.856	0.0	95.019	5.626	0.0	95.332	6.141	0.0	94.828	5.361	0.0	46.89	5.834
75	952	953	SN	1	0.0	49.687	2.813	0.0	56.585	3.058	0.0	49.793	3.217	0.0	48.084	3.616	0.0	95.715	3.053	0.0	95.718	3.149	0.0	87.455	3.195	0.0	48.276	3.566
76	952	953	SN	1	0.0	44.223	0.846	0.0	46.58	0.8	0.0	49.832	1.0	0.0	58.769	1.156	0.0	95.715	0.919	0.0	95.21	0.847	0.0	49.815	0.999	0.0	94.221	1.154
77	952	953	NS	1	0.0	46.309	3.638	0.0	49.816	4.467	0.0	44.444	3.597	0.0	48.853	5.022	0.0	95.391	3.729	0.0	95.437	4.55	0.0	94.03	3.568	0.0	49.185	4.986
78	952	953	NS	1	0.0	48.321	1.136	0.0	43.257	1.417	0.0	48.127	1.245	0.0	47.829	1.801	0.0	95.559	1.17	0.0	95.194	1.442	0.0	95.657	1.246	0.0	47.512	1.778
79	953	954	NS	1	0.0	56.619	8.546	0.0	53.358	7.65	0.0	56.772	8.068	0.0	49.222	8.097	0.0	56.829	8.476	0.0	53.656	7.736	0.0	56.695	8.09	0.0	49.014	8.022
80	953	954	NS	1	0.0	48.604	2.654	0.0	44.735	2.506	0.0	44.942	2.921	0.0	68.444	2.796	0.0	48.597	2.645	0.0	95.049	2.499	0.0	45.463	2.929	0.0	68.659	2.792

Parameter Specifications	Parameters	SNR	Sigma0
	Range	20.0	20.0

■ Normal      ■ Deviations  
■ Alarming      ■ High Errors

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	926	927	SN	1	0.0	40.717	23.869	0.0	41.994	25.191	0.0	21.641	13.499	0.0	259.798	14.632	0.0	1.869	0.0	1.86	0.0	0.0	2.219	0.0	0.0	2.203	0.0	
2	926	927	SN	1	0.0	39.493	12.689	0.0	41.354	12.876	0.0	17.72	4.941	0.0	17.455	5.64	0.0	1.869	0.0	1.86	0.0	0.0	2.218	0.0	0.0	2.204	0.0	
3	927	928	SN	1	0.0	39.344	12.675	0.0	42.005	12.807	0.0	20.918	5.214	0.0	18.067	5.685	0.0	1.869	0.0	1.859	0.0	0.0	2.219	0.0	0.0	2.203	0.0	
4	927	928	NS	1	0.0	39.959	13.15	0.0	39.134	12.753	0.0	22.871	4.036	0.0	24.426	3.834	0.0	1.836	0.0	1.846	0.0	0.0	2.179	0.0	0.0	2.191	0.0	
5	927	928	NS	1	0.0	44.131	24.235	0.0	46.343	24.366	0.0	25.104	13.212	0.0	27.206	12.372	0.0	1.837	0.0	1.846	0.0	0.0	2.176	0.0	0.0	2.191	0.0	
6	927	928	SN	1	0.0	40.419	24.058	0.0	42.369	25.094	0.0	25.452	13.815	0.0	23.395	14.599	0.0	1.869	0.0	1.86	0.0	0.0	2.219	0.0	0.0	2.203	0.0	
7	928	929	SN	1	0.0	39.333	12.7	0.0	41.994	12.801	0.0	22.645	5.377	0.0	20.025	5.78	0.0	1.869	0.0	1.86	0.0	0.0	2.219	0.0	0.0	2.203	0.0	
8	928	929	NS	1	0.0	44.109	24.188	0.0	47.765	24.263	0.0	24.034	13.101	0.0	27.183	12.321	0.0	1.837	0.0	1.846	0.0	0.0	2.176	0.0	0.0	2.191	0.0	
9	928	929	SN	1	0.0	42.664	24.129	0.0	42.364	25.034	0.0	25.446	13.947	0.0	23.395	14.613	0.0	1.869	0.0	1.86	0.0	0.0	2.219	0.0	0.0	2.203	0.0	
10	928	929	NS	1	0.0	39.954	13.147	0.0	39.145	12.769	0.0	22.854	3.993	0.0	23.643	3.818	0.0	1.836	0.0	1.845	0.0	0.0	2.178	0.0	0.0	2.19	0.0	
11	929	930	NS	1	0.0	39.981	13.175	0.0	39.151	12.766	0.0	22.849	3.977	0.0	23.637	3.76	0.0	1.836	0.0	1.845	0.0	0.0	2.178	0.0	0.0	2.19	0.0	
12	929	930	SN	1	0.0	39.333	12.677	0.0	41.989	12.778	0.0	21.906	5.372	0.0	19.176	5.84	0.0	1.87	0.0	1.862	0.0	0.0	2.219	0.0	0.0	2.204	0.0	
13	929	930	NS	1	0.0	44.114	24.161	0.0	46.409	24.265	0.0	24.023	13.052	0.0	28.011	12.214	0.0	1.837	0.0	1.845	0.0	0.0	2.176	0.0	0.0	2.191	0.0	
14	929	930	SN	1	0.0	42.675	24.112	0.0	42.347	24.996	0.0	24.624	13.968	0.0	23.378	14.644	0.0	1.87	0.0	1.861	0.0	0.0	2.22	0.0	0.0	2.204	0.0	
15	930	931	SN	1	0.0	40.844	24.163	0.0	42.91	25.045	0.0	24.134	13.919	0.0	77.461	14.647	0.0	1.87	0.0	1.86	0.0	0.0	2.22	0.0	0.0	2.205	0.0	
16	930	931	NS	1	0.0	44.087	24.118	0.0	45.399	24.1	0.0	25.06	13.076	0.0	27.134	12.319	0.0	1.836	0.0	1.845	0.0	0.0	2.178	0.0	0.0	2.19	0.0	
17	930	931	NS	1	0.0	40.229	13.143	0.0	38.622	12.767	0.0	22.634	3.987	0.0	24.812	3.77	0.0	1.836	0.0	1.845	0.0	0.0	2.178	0.0	0.0	2.19	0.0	
18	930	931	SN	1	0.0	39.725	12.664	0.0	41.84	12.811	0.0	21.145	5.321	0.0	101.407	5.844	0.0	1.87	0.0	1.862	0.0	0.0	2.219	0.0	0.0	2.204	0.0	
19	931	932	NS	1	0.0	40.246	13.143	0.0	38.633	12.787	0.0	22.639	3.98	0.0	24.795	3.776	0.0	1.836	0.0	1.845	0.0	0.0	2.178	0.0	0.0	2.19	0.0	
20	931	932	NS	1	0.0	44.07	24.11	0.0	45.366	24.137	0.0	25.06	13.068	0.0	27.117	12.3	0.0	1.837	0.0	1.845	0.0	0.0	2.178	0.0	0.0	2.19	0.0	
21	931	932	SN	1	0.0	40.811	24.133	0.0	42.893	25.093	0.0	22.534	13.719	0.0	23.615	14.7	0.0	1.87	0.0	1.86	0.0	0.0	2.22	0.0	0.0	2.205	0.0	
22	931	932	SN	1	0.0	39.686	12.633	0.0	41.818	12.828	0.0	18.685	5.212	0.0	17.472	5.817	0.0	1.87	0.0	1.859	0.0	0.0	2.219	0.0	0.0	2.204	0.0	
23	938	939	SN	1	0.0	45.499	24.405	0.0	45.477	24.963	0.0	27.956	14.283	0.0	26.318	14.692	0.0	1.869	0.0	1.861	0.0	0.0	2.219	0.0	0.0	2.205	0.0	
24	938	939	NS	1	0.0	39.424	13.13	0.0	39.107	12.822	0.0	22.727	3.996	0.0	23.737	3.804	0.0	1.837	0.0	1.845	0.0	0.0	2.179	0.0	0.0	2.19	0.0	
25	938	939	NS	1	0.0	44.148	24.132	0.0	46.387	24.267	0.0	25.143	13.179	0.0	28.044	12.302	0.0	1.836	0.0	1.845	0.0	0.0	2.178	0.0	0.0	2.19	0.0	
26	938	939	SN	1	0.0	39.52	12.708	0.0	41.365	12.828	0.0	24.691	5.528	0.0	21.183	5.908	0.0	1.87	0.0	1.86	0.0	0.0	2.219	0.0	0.0	2.204	0.0	
27	939	940	SN	1	0.0	39.498	12.705	0.0	41.354	12.816	0.0	24.707	5.518	0.0	21.205	5.913	0.0	1.869	0.0	1.862	0.0	0.0	2.219	0.0	0.0	2.205	0.0	
28	939	940	NS	1	0.0	40.196	13.135	0.0	39.123	12.77	0.0	21.955	3.993	0.0	23.726	3.775	0.0	1.837	0.0	1.845	0.0	0.0	2.178	0.0	0.0	2.19	0.0	
29	939	940	SN	1	0.0	45.515	24.465	0.0	45.499	25.027	0.0	27.156	14.345	0.0	26.34	14.72	0.0	1.869	0.0	1.861	0.0	0.0	2.219	0.0	0.0	2.205	0.0	
30	940	941	NS	1	0.0	44.103	24.157	0.0	46.315	24.314	0.0	25.093	13.079	0.0	27.183	12.316	0.0	1.837	0.0	1.845	0.0	0.0	2.178	0.0	0.0	2.19	0.0	
31	940	941	NS	1	0.0	39.325	13.115	0.0	39.145	12.755	0.0	21.906	3.956	0.0	24.415	3.777	0.0	1.836	0.0	1.845	0.0	0.0	2.178	0.0	0.0	2.19	0.0	

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



32	940	941	SN	1	0.0	39.476	12.516	0.0	40.891	14.067	0.0	17.698	5.033	0.0	17.455	6.517	0.0	1.87	0.0	0.0	1.863	0.0	0.0	2.22	0.0	0.0	2.205	0.0
33	941	942	NS	1	0.0	52.368	13.174	0.0	39.162	12.78	0.0	22.838	3.996	0.0	24.404	3.793	0.0	1.836	0.0	0.0	1.845	0.0	0.0	2.178	0.0	0.0	2.19	0.0
34	941	942	SN	1	0.0	46.613	24.467	0.0	45.002	24.994	0.0	28.033	14.216	0.0	26.384	14.718	0.0	1.869	0.0	0.0	1.86	0.0	0.0	2.219	0.0	0.0	2.204	0.0
35	941	942	SN	1	0.0	39.311	12.706	0.0	41.989	12.83	0.0	23.692	5.52	0.0	21.354	5.87	0.0	1.869	0.0	0.0	1.861	0.0	0.0	2.219	0.0	0.0	2.204	0.0
36	941	942	NS	1	0.0	267.094	24.159	0.0	47.732	24.3	0.0	25.066	13.122	0.0	27.172	12.337	0.0	1.837	0.0	0.0	1.845	0.0	0.0	2.176	0.0	0.0	2.19	0.0
37	942	943	SN	1	0.0	46.039	24.467	0.0	46.045	24.859	0.0	28.297	14.338	0.0	25.727	14.557	0.0	1.87	0.0	0.0	1.86	0.0	0.0	2.219	0.0	0.0	2.205	0.0
38	942	943	SN	1	0.0	37.028	12.704	0.0	39.711	12.785	0.0	23.88	5.501	0.0	21.564	5.751	0.0	1.869	0.0	0.0	1.861	0.0	0.0	2.219	0.0	0.0	2.205	0.0
39	943	944	SN	1	0.0	46.034	24.484	0.0	46.067	24.95	0.0	28.303	14.367	0.0	25.739	14.753	0.0	1.87	0.0	0.0	1.861	0.0	0.0	2.22	0.0	0.0	2.205	0.0
40	943	944	NS	1	0.0	44.28	24.093	0.0	46.723	24.141	0.0	24.624	13.061	0.0	28.364	12.278	0.0	1.836	0.0	0.0	1.844	0.0	0.0	2.177	0.0	0.0	2.189	0.0
41	943	944	NS	1	0.0	39.082	13.135	0.0	38.644	12.801	0.0	22.628	3.934	0.0	24.79	3.749	0.0	1.835	0.0	0.0	1.844	0.0	0.0	2.176	0.0	0.0	2.189	0.0
42	943	944	SN	1	0.0	39.725	12.713	0.0	41.834	12.827	0.0	24.542	5.533	0.0	21.575	5.929	0.0	1.87	0.0	0.0	1.86	0.0	0.0	2.22	0.0	0.0	2.205	0.0
43	944	945	NS	1	0.0	39.055	13.138	0.0	38.848	12.851	0.0	22.248	3.941	0.0	24.702	3.736	0.0	1.836	0.0	0.0	1.844	0.0	0.0	2.178	0.0	0.0	2.189	0.0
44	944	945	SN	1	0.0	46.05	24.5	0.0	46.072	24.844	0.0	28.331	14.438	0.0	25.766	14.564	0.0	1.87	0.0	0.0	1.862	0.0	0.0	2.22	0.0	0.0	2.206	0.0
45	944	945	SN	1	0.0	37.011	12.71	0.0	39.005	12.789	0.0	24.558	5.546	0.0	21.591	5.858	0.0	1.87	0.0	0.0	1.862	0.0	0.0	2.22	0.0	0.0	2.205	0.0
46	944	945	NS	1	0.0	44.241	24.025	0.0	46.547	24.203	0.0	24.608	13.013	0.0	27.658	12.179	0.0	1.836	0.0	0.0	1.844	0.0	0.0	2.177	0.0	0.0	2.189	0.0
47	945	946	NS	1	0.0	38.691	13.164	0.0	38.462	12.851	0.0	22.584	3.911	0.0	24.784	3.703	0.0	1.835	0.0	0.0	1.844	0.0	0.0	2.177	0.0	0.0	2.188	0.0
48	945	946	NS	1	0.0	45.306	24.087	0.0	46.684	24.135	0.0	25.005	12.968	0.0	27.101	12.192	0.0	1.835	0.0	0.0	1.844	0.0	0.0	2.177	0.0	0.0	2.189	0.0
49	945	946	SN	1	0.0	36.973	12.675	0.0	38.977	12.784	0.0	24.564	5.578	0.0	21.613	5.848	0.0	1.87	0.0	0.0	1.862	0.0	0.0	2.22	0.0	0.0	2.205	0.0
50	945	946	SN	1	0.0	46.078	24.502	0.0	46.094	24.802	0.0	28.309	14.423	0.0	25.783	14.584	0.0	1.87	0.0	0.0	1.862	0.0	0.0	2.22	0.0	0.0	2.206	0.0
51	946	947	SN	1	0.0	45.438	24.519	0.0	45.405	24.696	0.0	27.084	14.477	0.0	26.246	14.602	0.0	1.87	0.0	0.0	1.861	0.0	0.0	2.22	0.0	0.0	2.204	0.0
52	946	947	NS	1	0.0	39.071	13.116	0.0	38.87	12.851	0.0	21.994	3.927	0.0	24.674	3.747	0.0	1.835	0.0	0.0	1.844	0.0	0.0	2.177	0.0	0.0	2.188	0.0
53	946	947	NS	1	0.0	44.214	24.014	0.0	47.363	24.271	0.0	24.553	13.057	0.0	28.331	12.173	0.0	1.836	0.0	0.0	1.844	0.0	0.0	2.177	0.0	0.0	2.188	0.0
54	946	947	SN	1	0.0	37.673	12.709	0.0	39.374	12.781	0.0	24.669	5.595	0.0	21.817	5.855	0.0	1.87	0.0	0.0	1.861	0.0	0.0	2.22	0.0	0.0	2.205	0.0
55	947	948	SN	1	0.0	45.449	24.519	0.0	45.427	24.671	0.0	27.084	14.42	0.0	26.273	14.587	0.0	1.87	0.0	0.0	1.86	0.0	0.0	2.22	0.0	0.0	2.203	0.0
56	947	948	NS	1	0.0	253.886	24.006	0.0	47.341	24.168	0.0	24.553	13.135	0.0	28.32	12.195	0.0	1.836	0.0	0.0	1.844	0.0	0.0	2.174	0.0	0.0	2.188	0.0
57	947	948	SN	1	0.0	37.656	12.723	0.0	39.363	12.794	0.0	24.68	5.599	0.0	21.839	5.86	0.0	1.87	0.0	0.0	1.86	0.0	0.0	2.22	0.0	0.0	2.205	0.0
58	947	948	NS	1	0.0	39.071	13.116	0.0	38.892	12.895	0.0	22.385	3.943	0.0	24.663	3.738	0.0	1.835	0.0	0.0	1.844	0.0	0.0	2.177	0.0	0.0	2.188	0.0
59	948	949	SN	1	0.0	39.658	12.771	0.0	41.575	13.037	0.0	17.438	5.077	0.0	17.461	5.996	0.0	1.87	0.0	0.0	1.86	0.0	0.0	2.219	0.0	0.0	2.204	0.0
60	948	949	NS	1	0.0	45.251	24.058	0.0	47.004	24.253	0.0	24.531	13.142	0.0	28.308	12.259	0.0	1.836	0.0	0.0	1.844	0.0	0.0	2.174	0.0	0.0	2.189	0.0
61	948	949	NS	1	0.0	39.093	13.127	0.0	38.726	12.9	0.0	22.358	3.966	0.0	24.652	3.773	0.0	1.836	0.0	0.0	1.844	0.0	0.0	2.177	0.0	0.0	2.188	0.0
62	948	949	SN	1	0.0	40.756	24.038	0.0	42.805	24.922	0.0	21.685	13.672	0.0	23.577	14.91	0.0	1.87	0.0	0.0	1.861	0.0	0.0	2.22	0.0	0.0	2.203	0.0
63	949	950	NS	1	0.0	39.281	13.127	0.0	39.101	12.872	0.0	21.779	3.95	0.0	24.547	3.771	0.0	1.835	0.0	0.0	1.844	0.0	0.0	2.177	0.0	0.0	2.188	0.0
64	949	950	SN	1	0.0	39.383	12.692	0.0	41.398	12.823	0.0	24.238	5.433	0.0	21.183	5.846	0.0	1.869	0.0	0.0	1.862	0.0	0.0	2.219	0.0	0.0	2.204	0.0
65	949	950	SN	1	0.0	46.552	24.481	0.0	45.477	24.885	0.0	27.972	14.369	0.0	26.307	14.722	0.0	1.87	0.0	0.0	1.86	0.0	0.0	2.219	0.0	0.0	2.203	0.0
66	949	950	NS	1	0.0	44.175	24.047	0.0	46.591	24.188	0.0	24.078	13.094	0.0	28.044	12.285	0.0	1.835	0.0	0.0	1.844	0.0	0.0	2.177	0.0	0.0	2.189	0.0
67	950	951	SN	1	0.0	39.388	12.702	0.0	41.382	12.853	0.0	24.272	5.55	0.0	21.189	5.954	0.0	1.869	0.0	0.0	1.862	0.0	0.0	2.219	0.0	0.0	2.205	0.0
68	950	951	NS	1	0.0	39.286	13.121	0.0	39.118	12.883	0.0	22.705	3.94	0.0	24.437	3.746	0.0	1.835	0.0	0.0	1.843	0.0	0.0	2.177	0.0	0.0	2.188	0.0

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

69	950	951	SN	1	0.0	46.596	24.523	0.0	45.488	24.835	0.0	28.005	14.369	0.0	26.318	14.744	0.0	1.869	0.0	0.0	1.861	0.0	0.0	2.219	0.0	0.0	2.205	0.0
70	950	951	NS	1	0.0	46.464	24.114	0.0	46.833	24.236	0.0	25.121	13.115	0.0	27.217	12.245	0.0	1.835	0.0	0.0	1.844	0.0	0.0	2.178	0.0	0.0	2.188	0.0
71	951	952	NS	1	0.0	39.297	13.127	0.0	39.123	12.9	0.0	139.08	3.933	0.0	24.431	3.74	0.0	1.834	0.0	0.0	1.843	0.0	0.0	2.177	0.0	0.0	2.188	0.0
72	951	952	SN	1	0.0	39.526	12.705	0.0	41.371	12.84	0.0	24.724	5.576	0.0	21.205	5.945	0.0	1.869	0.0	0.0	1.86	0.0	0.0	2.219	0.0	0.0	2.205	0.0
73	951	952	SN	1	0.0	46.574	24.515	0.0	45.499	24.856	0.0	28.0	14.411	0.0	26.334	14.771	0.0	1.87	0.0	0.0	1.861	0.0	0.0	2.22	0.0	0.0	2.204	0.0
74	951	952	NS	1	0.0	46.48	24.113	0.0	46.817	24.248	0.0	172.562	13.122	0.0	27.2	12.224	0.0	1.835	0.0	0.0	1.843	0.0	0.0	2.177	0.0	0.0	2.188	0.0
75	952	953	SN	1	0.0	45.344	24.519	0.0	45.995	24.852	0.0	27.851	14.425	0.0	26.693	14.762	0.0	1.87	0.0	0.0	1.861	0.0	0.0	2.219	0.0	0.0	2.204	0.0
76	952	953	SN	1	0.0	39.201	12.715	0.0	41.156	12.842	0.0	24.404	5.551	0.0	21.332	5.941	0.0	1.87	0.0	0.0	1.86	0.0	0.0	2.219	0.0	0.0	2.204	0.0
77	952	953	NS	1	0.0	46.442	24.032	0.0	47.876	24.24	0.0	25.093	13.133	0.0	27.194	12.21	0.0	1.835	0.0	0.0	1.844	0.0	0.0	2.177	0.0	0.0	2.188	0.0
78	952	953	NS	1	0.0	39.297	13.108	0.0	39.118	12.9	0.0	22.093	3.913	0.0	24.42	3.737	0.0	1.834	0.0	0.0	1.844	0.0	0.0	2.177	0.0	0.0	2.188	0.0
79	953	954	NS	1	0.0	45.984	23.906	0.0	48.482	24.322	0.0	130.322	12.549	0.0	28.38	12.261	0.0	1.835	0.0	0.0	1.844	0.0	0.0	2.176	0.0	0.0	2.189	0.0
80	953	954	NS	1	0.0	36.719	13.119	0.0	38.401	12.921	0.0	279.142	3.676	0.0	24.277	3.67	0.0	1.836	0.0	0.0	1.844	0.0	0.0	2.178	0.0	0.0	2.188	0.0

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