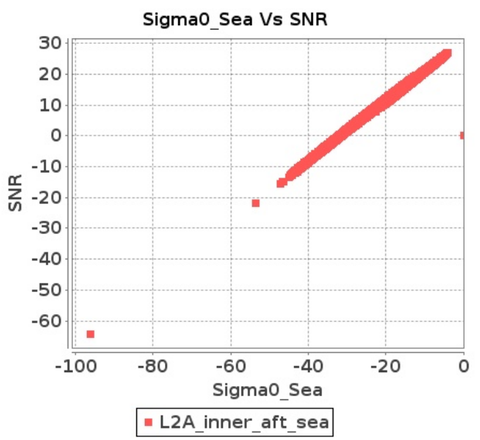
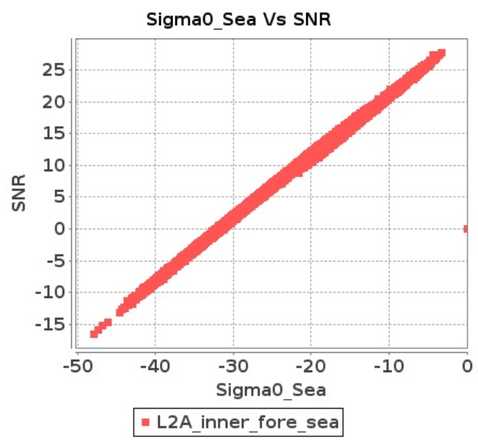
SCATSAT-1 Scatterometer Level-2A Data Quality Cycle wise Report

Report between 15-DEC-2016 To 16-DEC-2016

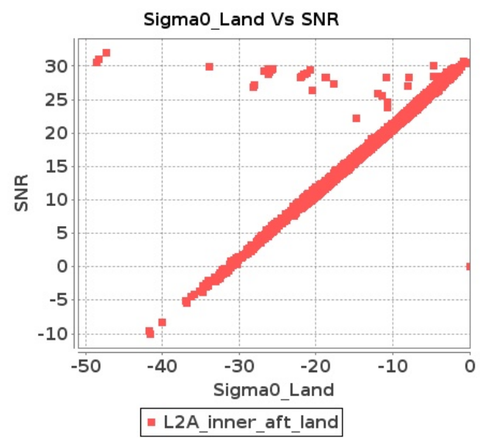
Inner Sea Aft Sigma0VsSNR



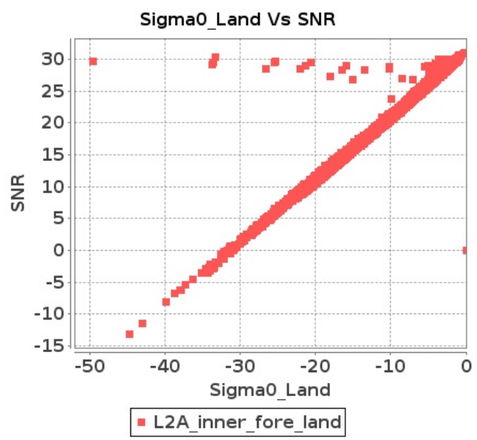
Inner Sea Fore Sigma0VsSNR



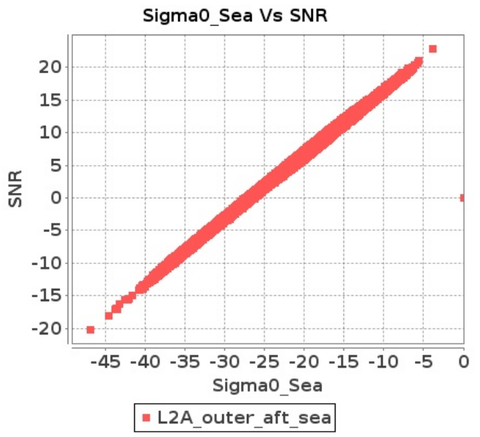
Inner Land Aft Sigma0VsSNR



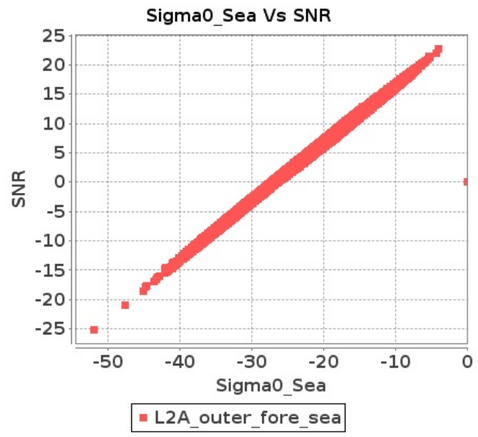
Inner Land Fore Sigma0VsSNR



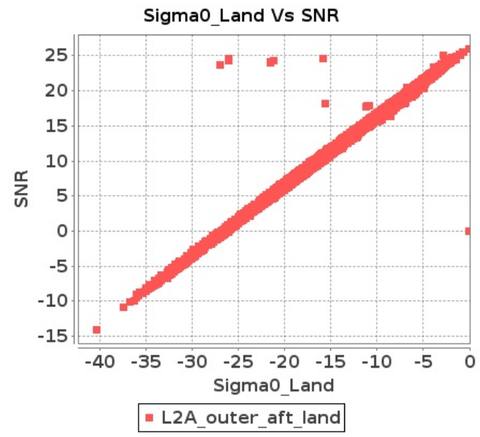
Outer Sea Aft Sigma0VsSNR



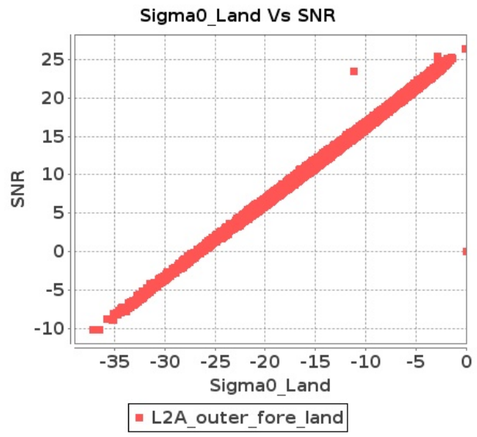
Outer Sea Fore Sigma0VsSNR



Outer Land Aft Sigma0VsSNR



Outer Land Fore Sigma0VsSNR



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

Report between 15-DEC-2016 To 16-DEC-2016

					SNR												Sigma0											
					Inner Aft			Inner Fore			Outer Aft			Outer Fore			Inner Aft			Inner Fore			Outer Aft			Outer Fore		
Sr No	Start Orbit	End Orbit	Dir.	Ver.	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	1158	1159	SN	1	0.0	42.177	1.834	0.0	41.967	2.149	0.0	37.897	1.97	0.0	43.237	2.815	0.0	93.823	1.925	0.0	90.862	2.183	0.0	37.85	1.977	0.0	43.365	2.779
2	1158	1159	SN	1	0.0	41.039	0.455	0.0	55.197	0.502	0.0	39.074	0.673	0.0	50.33	0.959	0.0	94.828	0.476	0.0	94.806	0.517	0.0	38.89	0.663	0.0	50.081	0.946
3	1159	1160	NS	1	0.0	87.242	2.917	0.0	95.238	2.42	0.0	48.322	2.513	0.0	49.875	2.557	0.0	95.356	3.086	0.0	95.29	2.525	0.0	95.331	2.52	0.0	93.83	2.546
4	1159	1160	SN	1	0.0	50.001	2.0	0.0	49.26	1.765	0.0	58.241	1.653	0.0	50.856	1.718	0.0	91.068	2.029	0.0	92.653	1.784	0.0	91.987	1.656	0.0	50.871	1.697
5	1159	1160	NS	1	0.0	59.553	8.849	0.0	99.327	8.855	0.0	60.697	7.72	0.0	50.681	7.633	0.0	95.535	9.09	0.0	94.818	8.972	0.0	95.756	7.805	0.0	50.681	7.69
6	1159	1160	SN	1	0.0	56.26	6.558	0.0	53.652	6.008	0.0	49.179	5.109	0.0	49.25	5.409	0.0	57.037	6.633	0.0	92.143	6.151	0.0	48.908	5.102	0.0	49.26	5.431
7	1160	1161	NS	1	0.0	94.813	6.292	0.0	95.75	7.033	0.0	56.866	4.938	0.0	52.255	5.879	0.0	93.835	6.316	0.0	95.8	7.083	0.0	93.16	4.974	0.0	52.47	5.836
8	1160	1161	SN	1	0.0	93.968	2.21	0.0	96.145	2.23	0.0	50.661	2.286	0.0	54.051	2.579	0.0	94.855	2.253	0.0	94.055	2.23	0.0	50.783	2.281	0.0	53.687	2.558
9	1160	1161	SN	1	0.0	92.538	6.769	0.0	95.602	6.498	0.0	56.158	6.539	0.0	48.222	7.087	0.0	93.336	6.769	0.0	95.316	6.532	0.0	56.28	6.503	0.0	48.613	7.08
10	1160	1161	NS	1	0.0	92.681	1.927	0.0	95.75	2.102	0.0	48.101	1.713	0.0	47.484	1.983	0.0	93.915	1.944	0.0	95.904	2.125	0.0	94.127	1.701	0.0	47.343	1.994
11	1162	1163	SN	1	0.0	53.85	2.432	0.0	52.945	2.239	0.0	53.059	2.359	0.0	47.399	2.768	0.0	95.23	2.442	0.0	52.658	2.227	0.0	52.852	2.361	0.0	47.424	2.726
12	1162	1163	SN	1	0.0	63.016	7.218	0.0	54.164	7.163	0.0	63.28	6.729	0.0	48.854	7.817	0.0	62.982	7.227	0.0	54.352	7.113	0.0	94.662	6.687	0.0	48.811	7.717
13	1162	1163	NS	1	0.0	58.2	1.378	0.0	48.528	1.431	0.0	55.559	1.319	0.0	43.779	1.469	0.0	95.246	1.435	0.0	95.068	1.464	0.0	55.644	1.311	0.0	43.659	1.464
14	1162	1163	NS	1	0.0	54.939	4.865	0.0	45.386	4.733	0.0	63.074	4.11	0.0	48.313	4.952	0.0	94.073	4.982	0.0	94.725	4.899	0.0	94.398	4.145	0.0	47.925	4.98
15	1163	1164	NS	1	0.0	50.448	6.791	0.0	56.827	6.977	0.0	55.516	6.267	0.0	53.766	6.691	0.0	93.829	6.833	0.0	91.756	7.01	0.0	55.844	6.324	0.0	54.006	6.67
16	1163	1164	SN	1	0.0	45.658	8.271	0.0	55.904	8.341	0.0	57.876	7.465	0.0	50.714	8.153	0.0	95.449	8.339	0.0	94.374	8.351	0.0	94.186	7.415	0.0	50.558	8.187
17	1163	1164	SN	1	0.0	49.11	2.735	0.0	54.123	2.598	0.0	47.272	2.649	0.0	61.786	2.793	0.0	95.768	2.767	0.0	94.53	2.603	0.0	93.607	2.622	0.0	61.624	2.785
18	1163	1164	NS	1	0.0	49.68	2.202	0.0	53.758	1.93	0.0	52.573	1.958	0.0	53.198	2.234	0.0	93.829	2.236	0.0	54.04	1.957	0.0	52.482	1.959	0.0	53.127	2.209
19	1164	1165	SN	1	0.0	52.968	8.174	0.0	54.284	7.636	0.0	54.595	6.86	0.0	48.805	7.488	0.0	93.836	8.293	0.0	54.371	7.736	0.0	95.106	6.826	0.0	95.428	7.462
20	1164	1165	SN	1	0.0	50.91	2.526	0.0	51.404	2.324	0.0	57.901	2.268	0.0	52.101	2.414	0.0	93.588	2.549	0.0	92.857	2.327	0.0	95.128	2.282	0.0	95.524	2.406
21	1164	1165	NS	1	0.0	61.405	6.652	0.0	55.588	6.27	0.0	49.04	5.689	0.0	55.35	6.028	0.0	95.665	6.91	0.0	95.29	6.519	0.0	48.925	5.696	0.0	55.998	5.985
22	1164	1165	NS	1	0.0	45.678	1.998	0.0	49.26	1.849	0.0	50.899	1.831	0.0	55.315	1.862	0.0	95.36	2.056	0.0	95.21	1.897	0.0	50.837	1.84	0.0	55.169	1.869
23	1173	1174	SN	1	0.0	60.328	2.627	0.0	44.903	2.368	0.0	48.166	2.205	0.0	48.782	2.376	0.0	94.399	2.702	0.0	95.354	2.402	0.0	94.112	2.24	0.0	48.814	2.376
24	1173	1174	NS	1	0.0	56.905	7.294	0.0	94.613	7.443	0.0	49.872	6.185	0.0	49.987	6.447	0.0	95.819	7.435	0.0	95.591	7.659	0.0	94.633	6.234	0.0	94.318	6.483
25	1173	1174	SN	1	0.0	90.639	0.809	0.0	43.522	0.689	0.0	38.797	0.684	0.0	55.265	0.793	0.0	93.82	0.835	0.0	95.487	0.706	0.0	95.087	0.686	0.0	92.298	0.797
26	1173	1174	NS	1	0.0	55.732	2.225	0.0	97.828	2.104	0.0	54.934	1.937	0.0	50.602	1.956	0.0	95.756	2.334	0.0	95.501	2.192	0.0	94.869	1.939	0.0	87.011	1.936
27	1174	1175	SN	1	0.0	51.589	2.704	0.0	47.697	2.682	0.0	51.934	3.031	0.0	52.629	2.822	0.0	94.595	2.739	0.0	93.973	2.688	0.0	94.302	3.037	0.0	52.877	2.788
28	1174	1175	NS	1	0.0	96.575	1.711	0.0	63.628	1.803	0.0	52.604	1.381	0.0	53.718	1.661	0.0	95.435	1.822	0.0	95.882	1.876	0.0	52.555	1.388	0.0	92.222	1.666
29	1174	1175	NS	1	0.0	56.538	5.325	0.0	53.375	5.93	0.0	50.878	4.505	0.0	52.026	5.087	0.0	95.387	5.616	0.0	95.691	6.079	0.0	89.516	4.484	0.0	51.898	5.144
30	1174	1175	SN	1	0.0	59.259	7.887	0.0	47.926	7.985	0.0	53.851	7.852	0.0	52.866	7.893	0.0	94.595	7.845	0.0	93.767	7.943	0.0	93.884	7.831	0.0	53.183	7.878
31	1175	1176	NS	1	0.0	45.437	1.604	0.0	92.602	1.851	0.0	55.556	1.689	0.0	47.892	2.011	0.0	95.23	1.633	0.0	91.894	1.834	0.0	55.548	1.689	0.0	48.068	2.002

Parameter Specifications	Parameters	SNR	Sigma0
	Range	20.0	20.0

Normal Deviations

Alarming High Errors

32	1175	1176	SN	1	0.0	56.708	5.96	0.0	92.327	6.287	0.0	49.673	6.052	0.0	50.824	7.052	0.0	94.896	6.027	0.0	95.434	6.312	0.0	49.804	5.995	0.0	50.794	6.939
33	1175	1176	NS	1	0.0	56.173	5.074	0.0	94.347	5.698	0.0	55.639	4.718	0.0	53.158	5.601	0.0	95.735	5.182	0.0	91.294	5.714	0.0	55.501	4.675	0.0	53.559	5.58
34	1175	1176	SN	1	0.0	54.004	1.91	0.0	94.454	2.04	0.0	49.765	2.155	0.0	50.423	2.477	0.0	95.19	1.929	0.0	95.434	2.038	0.0	49.807	2.15	0.0	50.405	2.467
35	1175	1176	NS	1	0.0	55.211	1.635	0.0	93.727	1.837	0.0	53.616	1.717	0.0	55.63	2.033	0.0	94.924	1.662	0.0	95.207	1.839	0.0	94.111	1.713	0.0	89.848	2.017
36	1175	1176	SN	1	0.0	56.708	6.714	0.0	92.327	7.254	0.0	49.673	6.794	0.0	50.824	8.094	0.0	94.896	6.782	0.0	95.434	7.283	0.0	49.804	6.729	0.0	50.794	7.962
37	1175	1176	NS	1	0.0	53.348	4.875	0.0	93.727	5.863	0.0	57.033	4.698	0.0	52.847	5.856	0.0	95.735	4.942	0.0	95.207	5.929	0.0	57.126	4.676	0.0	52.772	5.827
38	1175	1176	SN	1	0.0	54.004	2.163	0.0	94.454	2.354	0.0	49.765	2.415	0.0	50.423	2.851	0.0	95.19	2.183	0.0	95.434	2.352	0.0	49.807	2.409	0.0	50.405	2.839
39	1176	1177	NS	1	0.0	48.081	2.099	0.0	93.163	2.215	0.0	42.946	1.885	0.0	52.872	2.085	0.0	95.24	2.135	0.0	95.366	2.23	0.0	92.738	1.878	0.0	53.129	2.086
40	1176	1177	SN	1	0.0	66.765	3.12	0.0	48.454	4.25	0.0	51.329	3.55	0.0	54.259	4.599	0.0	93.461	3.111	0.0	48.322	4.283	0.0	51.29	3.487	0.0	54.583	4.527
41	1176	1177	NS	1	0.0	52.166	6.545	0.0	55.737	6.916	0.0	56.496	5.645	0.0	54.471	6.311	0.0	95.269	6.628	0.0	95.366	6.999	0.0	93.623	5.68	0.0	54.587	6.29
42	1176	1177	SN	1	0.0	64.68	1.023	0.0	45.186	1.37	0.0	56.827	1.216	0.0	46.073	1.744	0.0	93.405	1.023	0.0	44.892	1.364	0.0	56.973	1.211	0.0	45.655	1.729
43	1177	1178	SN	1	0.0	42.891	1.87	0.0	48.803	1.951	0.0	47.9	1.902	0.0	57.412	2.214	0.0	95.707	1.893	0.0	95.166	1.943	0.0	93.439	1.9	0.0	57.284	2.19
44	1177	1178	SN	1	0.0	45.998	6.429	0.0	54.471	6.354	0.0	55.879	5.513	0.0	54.057	6.368	0.0	95.707	6.462	0.0	95.26	6.321	0.0	55.75	5.457	0.0	53.712	6.304
45	1177	1178	NS	1	0.0	46.572	0.824	0.0	58.823	0.695	0.0	45.395	0.72	0.0	52.148	0.902	0.0	94.781	0.868	0.0	95.44	0.72	0.0	94.596	0.73	0.0	52.261	0.895
46	1177	1178	NS	1	0.0	49.315	3.098	0.0	72.703	3.265	0.0	44.178	2.313	0.0	42.409	2.865	0.0	94.455	3.272	0.0	95.44	3.356	0.0	95.332	2.348	0.0	42.387	2.9
47	1178	1179	NS	1	0.0	59.872	7.726	0.0	61.823	6.58	0.0	61.424	5.874	0.0	57.963	5.992	0.0	94.614	7.842	0.0	95.093	6.713	0.0	61.47	5.881	0.0	58.043	5.999
48	1178	1179	SN	1	0.0	47.29	0.884	0.0	47.706	0.947	0.0	46.016	1.113	0.0	52.556	1.2	0.0	95.194	0.898	0.0	94.841	0.94	0.0	45.469	1.107	0.0	52.391	1.193
49	1178	1179	SN	1	0.0	48.791	3.228	0.0	52.278	3.364	0.0	47.416	3.129	0.0	51.622	3.817	0.0	94.868	3.273	0.0	52.054	3.445	0.0	47.249	3.114	0.0	51.438	3.801
50	1178	1179	NS	1	0.0	55.842	2.284	0.0	50.754	1.891	0.0	60.171	1.995	0.0	47.573	1.908	0.0	94.622	2.314	0.0	94.796	1.937	0.0	92.822	1.977	0.0	47.438	1.908
51	1179	1180	NS	1	0.0	49.618	4.412	0.0	56.156	4.088	0.0	50.37	4.165	0.0	54.153	4.247	0.0	94.766	4.528	0.0	94.652	4.146	0.0	93.249	4.236	0.0	54.508	4.289
52	1179	1180	SN	1	0.0	99.11	5.149	0.0	66.954	5.281	0.0	45.754	4.17	0.0	51.984	4.797	0.0	94.936	5.22	0.0	95.343	5.463	0.0	95.525	4.26	0.0	52.089	4.836
53	1179	1180	SN	1	0.0	96.768	1.383	0.0	97.446	1.187	0.0	44.042	1.238	0.0	47.21	1.474	0.0	94.993	1.455	0.0	94.933	1.226	0.0	94.593	1.255	0.0	90.739	1.451
54	1179	1180	NS	1	0.0	44.612	1.305	0.0	52.027	1.188	0.0	52.742	1.284	0.0	46.444	1.547	0.0	94.766	1.341	0.0	95.175	1.214	0.0	95.113	1.278	0.0	46.919	1.505
55	1180	1181	SN	1	0.0	98.471	2.202	0.0	100.28	1.591	0.0	54.877	1.633	0.0	46.97	1.666	0.0	95.757	2.4	0.0	95.593	1.728	0.0	95.591	1.662	0.0	94.602	1.651
56	1180	1181	NS	1	0.0	56.343	2.401	0.0	53.636	2.617	0.0	46.82	2.193	0.0	41.455	2.886	0.0	95.234	2.575	0.0	95.654	2.858	0.0	47.347	2.214	0.0	42.068	2.836
57	1180	1181	NS	1	0.0	51.359	0.688	0.0	46.125	0.657	0.0	46.068	0.725	0.0	49.215	0.816	0.0	95.334	0.747	0.0	95.7	0.741	0.0	46.229	0.738	0.0	49.307	0.806
58	1180	1181	SN	1	0.0	96.44	7.246	0.0	90.34	6.566	0.0	52.856	5.477	0.0	47.423	5.64	0.0	95.678	7.688	0.0	95.097	6.851	0.0	95.59	5.585	0.0	94.825	5.691
59	1181	1182	NS	1	0.0	51.928	2.382	0.0	49.707	2.179	0.0	57.378	1.884	0.0	45.698	2.1	0.0	95.803	2.491	0.0	95.574	2.244	0.0	57.012	1.898	0.0	93.577	2.089
60	1181	1182	SN	1	0.0	52.388	1.696	0.0	47.154	1.621	0.0	47.493	1.338	0.0	47.043	1.598	0.0	95.196	1.783	0.0	95.466	1.646	0.0	94.933	1.358	0.0	47.174	1.589
61	1181	1182	NS	1	0.0	59.768	7.428	0.0	56.322	7.276	0.0	60.511	6.193	0.0	52.374	6.308	0.0	95.403	7.511	0.0	95.765	7.417	0.0	95.238	6.179	0.0	52.503	6.323
62	1181	1182	SN	1	0.0	49.758	5.654	0.0	48.907	5.751	0.0	54.14	4.274	0.0	46.085	5.274	0.0	95.302	5.871	0.0	95.306	5.818	0.0	94.933	4.352	0.0	46.084	5.282
63	1182	1183	SN	1	0.0	53.252	2.28	0.0	47.244	2.341	0.0	47.717	2.281	0.0	47.906	2.554	0.0	94.922	2.335	0.0	94.669	2.339	0.0	94.405	2.27	0.0	47.931	2.55
64	1182	1183	NS	1	0.0	49.068	6.812	0.0	91.595	7.133	0.0	61.535	5.514	0.0	54.318	6.585	0.0	95.36	6.937	0.0	95.685	7.325	0.0	61.275	5.5	0.0	92.786	6.614
65	1182	1183	SN	1	0.0	64.166	6.964	0.0	45.753	7.267	0.0	51.015	6.656	0.0	51.254	7.225	0.0	94.786	7.014	0.0	94.961	7.267	0.0	94.919	6.67	0.0	51.035	7.196
66	1182	1183	NS	1	0.0	47.423	2.202	0.0	48.297	2.16	0.0	63.415	1.956	0.0	53.163	2.135	0.0	95.354	2.236	0.0	95.648	2.196	0.0	94.211	1.955	0.0	95.015	2.135
67	1183	1184	NS	1	0.0	43.157	1.694	0.0	96.392	1.903	0.0	49.948	1.578	0.0	48.116	1.933	0.0	95.149	1.773	0.0	95.665	1.949	0.0	94.615	1.574	0.0	94.177	1.926

Parameter Specifications	Parameters	SNR	Sigma0
	Range	20.0	20.0

Normal
Alarming
Deviations
High Errors

68	1183	1184	NS	1	0.0	50.861	5.383	0.0	96.845	5.436	0.0	45.171	4.838	0.0	46.541	5.276	0.0	95.582	5.525	0.0	95.665	5.577	0.0	93.599	4.867	0.0	94.293	5.304
69	1183	1184	SN	1	0.0	46.962	1.78	0.0	94.212	1.38	0.0	58.026	1.691	0.0	51.212	1.768	0.0	95.815	1.884	0.0	95.884	1.431	0.0	95.41	1.688	0.0	51.537	1.737
70	1183	1184	SN	1	0.0	54.946	6.026	0.0	92.407	5.368	0.0	52.236	5.142	0.0	46.161	5.288	0.0	95.202	6.36	0.0	95.472	5.543	0.0	94.358	5.242	0.0	46.258	5.288
71	1184	1185	NS	1	0.0	42.852	3.756	0.0	51.291	5.089	0.0	49.554	3.958	0.0	47.25	5.775	0.0	94.825	3.789	0.0	95.885	5.172	0.0	94.515	3.88	0.0	47.146	5.739
72	1184	1185	NS	1	0.0	46.998	1.132	0.0	49.157	1.704	0.0	51.586	1.294	0.0	48.876	2.029	0.0	94.778	1.165	0.0	95.885	1.744	0.0	94.515	1.291	0.0	49.036	2.029
73	1184	1185	SN	1	0.0	48.693	0.814	0.0	45.776	0.781	0.0	50.095	0.939	0.0	57.083	1.028	0.0	95.381	0.886	0.0	95.71	0.828	0.0	92.585	0.937	0.0	56.952	1.019
74	1184	1185	SN	1	0.0	55.692	2.995	0.0	55.219	3.048	0.0	43.418	3.375	0.0	46.439	3.581	0.0	95.159	3.129	0.0	95.856	3.207	0.0	43.766	3.318	0.0	46.627	3.574
75	1185	1186	NS	1	0.0	53.231	1.142	0.0	52.132	1.124	0.0	50.666	1.241	0.0	48.602	1.401	0.0	95.31	1.159	0.0	94.646	1.124	0.0	92.56	1.234	0.0	48.678	1.372
76	1185	1186	NS	1	0.0	53.664	3.963	0.0	52.915	4.025	0.0	45.971	3.595	0.0	47.553	4.42	0.0	95.55	4.013	0.0	94.847	4.05	0.0	91.643	3.588	0.0	47.39	4.363
77	1185	1186	SN	1	0.0	90.405	1.803	0.0	53.509	1.99	0.0	49.651	2.004	0.0	51.951	2.169	0.0	95.85	1.893	0.0	95.529	2.064	0.0	94.361	2.007	0.0	93.508	2.159
78	1185	1186	SN	1	0.0	87.537	5.115	0.0	52.584	5.267	0.0	53.877	5.346	0.0	49.804	5.931	0.0	95.92	5.349	0.0	95.497	5.417	0.0	94.725	5.367	0.0	49.598	5.923
79	1186	1187	SN	1	0.0	43.389	0.616	0.0	43.301	0.803	0.0	44.905	0.845	0.0	46.62	1.163	0.0	95.834	0.69	0.0	95.516	0.833	0.0	45.082	0.84	0.0	46.427	1.16
80	1186	1187	NS	1	0.0	48.31	1.544	0.0	47.716	1.535	0.0	45.03	1.291	0.0	52.295	1.534	0.0	95.616	1.65	0.0	95.791	1.585	0.0	94.777	1.296	0.0	93.72	1.527
81	1186	1187	NS	1	0.0	57.797	4.478	0.0	59.485	5.139	0.0	58.865	3.866	0.0	44.167	4.584	0.0	95.665	4.727	0.0	95.637	5.239	0.0	95.446	3.866	0.0	94.963	4.57
82	1186	1187	SN	1	0.0	48.738	2.363	0.0	48.076	2.736	0.0	42.668	2.311	0.0	46.06	3.557	0.0	95.657	2.521	0.0	95.359	2.778	0.0	42.651	2.29	0.0	93.957	3.471
83	1187	1188	NS	1	0.0	95.055	1.406	0.0	52.332	1.356	0.0	53.427	1.346	0.0	48.673	1.459	0.0	95.803	1.498	0.0	95.328	1.423	0.0	95.647	1.396	0.0	95.341	1.459
84	1187	1188	NS	1	0.0	96.239	4.786	0.0	60.231	5.369	0.0	54.864	4.272	0.0	49.668	4.832	0.0	95.803	5.086	0.0	95.913	5.444	0.0	95.551	4.365	0.0	95.16	4.903

Parameter Specifications	Parameters	SNR	Sigma0
	Range	20.0	20.0

Normal
Alarming
Deviations
High Errors

					Azimuth Angle												Incidence Angle											
					Inner Aft			Inner Fore			Outer Aft			Outer Fore			Inner Aft			Inner Fore			Outer Aft			Outer Fore		
Sr No	Start Orbit	End Orbit	Dir.	Ver.	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	1158	1159	SN	1	0.0	46.53	24.679	0.0	47.666	24.463	0.0	28.093	15.32	0.0	24.332	14.902	0.0	1.867	0.0	0.0	1.862	0.0	0.0	2.215	0.0	0.0	2.205	0.0
2	1158	1159	SN	1	0.0	38.489	12.845	0.0	40.601	13.05	0.0	23.698	5.796	0.0	20.069	5.639	0.0	1.866	0.0	0.0	1.861	0.0	0.0	2.215	0.0	0.0	2.207	0.0
3	1159	1160	NS	1	0.0	39.264	12.498	0.0	40.811	12.572	0.0	20.141	3.489	0.0	22.225	3.547	0.0	1.822	0.0	0.0	1.831	0.0	0.0	2.158	0.0	0.0	2.172	0.0
4	1159	1160	SN	1	0.0	38.473	12.821	0.0	39.722	13.058	0.0	24.669	5.809	0.0	20.075	5.727	0.0	1.866	0.0	0.0	1.862	0.0	0.0	2.214	0.0	0.0	2.207	0.0
5	1159	1160	NS	1	0.0	45.808	24.523	0.0	48.951	24.124	0.0	24.357	12.579	0.0	28.171	12.087	0.0	1.822	0.0	0.0	1.831	0.0	0.0	2.159	0.0	0.0	2.172	0.0
6	1159	1160	SN	1	0.0	46.508	24.7	0.0	47.688	24.611	0.0	28.088	15.37	0.0	26.075	15.16	0.0	1.866	0.0	0.0	1.861	0.0	0.0	2.215	0.0	0.0	2.206	0.0
7	1160	1161	NS	1	0.0	45.808	24.568	0.0	48.935	24.089	0.0	24.352	12.616	0.0	28.154	12.086	0.0	1.822	0.0	0.0	1.83	0.0	0.0	2.159	0.0	0.0	2.172	0.0
8	1160	1161	SN	1	0.0	37.32	12.834	0.0	39.722	13.031	0.0	22.606	5.681	0.0	19.937	5.724	0.0	1.866	0.0	0.0	1.862	0.0	0.0	2.215	0.0	0.0	2.207	0.0
9	1160	1161	SN	1	0.0	42.576	24.599	0.0	43.574	24.663	0.0	25.22	15.249	0.0	26.08	15.067	0.0	1.866	0.0	0.0	1.861	0.0	0.0	2.215	0.0	0.0	2.207	0.0
10	1160	1161	NS	1	0.0	39.424	12.47	0.0	40.8	12.581	0.0	19.826	3.49	0.0	22.369	3.542	0.0	1.822	0.0	0.0	1.83	0.0	0.0	2.158	0.0	0.0	2.171	0.0
11	1162	1163	SN	1	0.0	37.21	12.664	0.0	39.59	13.154	0.0	17.946	5.568	0.0	19.97	6.032	0.0	1.867	0.0	0.0	1.861	0.0	0.0	2.215	0.0	0.0	2.208	0.0
12	1162	1163	SN	1	0.0	38.445	24.401	0.0	40.83	24.799	0.0	22.567	14.867	0.0	25.893	15.685	0.0	1.867	0.0	0.0	1.862	0.0	0.0	2.216	0.0	0.0	2.208	0.0
13	1162	1163	NS	1	0.0	38.542	12.409	0.0	40.794	12.569	0.0	19.959	3.512	0.0	22.358	3.52	0.0	1.822	0.0	0.0	1.83	0.0	0.0	2.158	0.0	0.0	2.171	0.0
14	1162	1163	NS	1	0.0	45.791	24.527	0.0	48.918	24.07	0.0	24.363	12.621	0.0	28.149	12.07	0.0	1.823	0.0	0.0	1.83	0.0	0.0	2.159	0.0	0.0	2.171	0.0
15	1163	1164	NS	1	0.0	45.168	24.516	0.0	48.907	23.887	0.0	24.249	12.585	0.0	27.354	11.907	0.0	1.822	0.0	0.0	1.83	0.0	0.0	2.159	0.0	0.0	2.171	0.0
16	1163	1164	SN	1	0.0	38.434	24.361	0.0	40.825	24.806	0.0	22.567	14.846	0.0	25.893	15.702	0.0	1.867	0.0	0.0	1.863	0.0	0.0	2.216	0.0	0.0	2.207	0.0
17	1163	1164	SN	1	0.0	37.193	12.653	0.0	39.705	13.173	0.0	17.935	5.566	0.0	19.981	6.019	0.0	1.867	0.0	0.0	1.862	0.0	0.0	2.216	0.0	0.0	2.207	0.0
18	1163	1164	NS	1	0.0	39.43	12.423	0.0	40.778	12.525	0.0	19.959	3.529	0.0	22.358	3.453	0.0	1.822	0.0	0.0	1.83	0.0	0.0	2.158	0.0	0.0	2.17	0.0
19	1164	1165	SN	1	0.0	38.423	24.414	0.0	40.808	24.898	0.0	22.545	14.733	0.0	25.871	15.808	0.0	1.867	0.0	0.0	1.862	0.0	0.0	2.215	0.0	0.0	2.207	0.0
20	1164	1165	SN	1	0.0	37.182	12.671	0.0	39.694	13.211	0.0	17.918	5.584	0.0	19.964	6.062	0.0	1.867	0.0	0.0	1.862	0.0	0.0	2.215	0.0	0.0	2.207	0.0
21	1164	1165	NS	1	0.0	45.747	24.466	0.0	48.896	24.008	0.0	24.244	12.56	0.0	28.132	11.991	0.0	1.822	0.0	0.0	1.83	0.0	0.0	2.159	0.0	0.0	2.171	0.0
22	1164	1165	NS	1	0.0	38.547	12.431	0.0	40.778	12.555	0.0	19.959	3.511	0.0	22.352	3.545	0.0	1.822	0.0	0.0	1.83	0.0	0.0	2.158	0.0	0.0	2.171	0.0
23	1173	1174	SN	1	0.0	46.045	24.675	0.0	47.109	24.686	0.0	28.391	15.276	0.0	26.097	15.246	0.0	1.866	0.0	0.0	1.86	0.0	0.0	2.214	0.0	0.0	2.207	0.0
24	1173	1174	NS	1	0.0	45.896	24.431	0.0	48.367	24.007	0.0	24.779	12.668	0.0	27.779	12.111	0.0	1.822	0.0	0.0	1.83	0.0	0.0	2.158	0.0	0.0	2.171	0.0
25	1173	1174	SN	1	0.0	38.417	12.773	0.0	40.392	13.118	0.0	22.363	5.775	0.0	19.992	5.688	0.0	1.865	0.0	0.0	1.861	0.0	0.0	2.213	0.0	0.0	2.207	0.0
26	1173	1174	NS	1	0.0	38.249	12.418	0.0	40.855	12.545	0.0	20.212	3.58	0.0	22.242	3.556	0.0	1.822	0.0	0.0	1.83	0.0	0.0	2.157	0.0	0.0	2.171	0.0
27	1174	1175	SN	1	0.0	38.462	12.732	0.0	40.563	13.115	0.0	22.236	5.78	0.0	20.019	5.76	0.0	1.865	0.0	0.0	1.862	0.0	0.0	2.213	0.0	0.0	2.207	0.0
28	1174	1175	NS	1	0.0	38.238	12.366	0.0	40.844	12.532	0.0	20.235	3.56	0.0	22.247	3.537	0.0	1.822	0.0	0.0	1.83	0.0	0.0	2.157	0.0	0.0	2.171	0.0
29	1174	1175	NS	1	0.0	45.885	24.439	0.0	48.356	24.043	0.0	24.74	12.746	0.0	28.424	12.089	0.0	1.821	0.0	0.0	1.83	0.0	0.0	2.158	0.0	0.0	2.171	0.0
30	1174	1175	SN	1	0.0	46.458	24.719	0.0	47.611	24.709	0.0	27.261	15.314	0.0	26.108	15.266	0.0	1.866	0.0	0.0	1.86	0.0	0.0	2.214	0.0	0.0	2.207	0.0
31	1175	1176	NS	1	0.0	38.249	12.416	0.0	40.839	12.533	0.0	19.529	3.546	0.0	22.242	3.551	0.0	1.821	0.0	0.0	1.83	0.0	0.0	2.156	0.0	0.0	2.17	0.0

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

Normal
Alarming
Deviations
High Errors

32	1175	1176	SN	1	0.0	46.491	24.65	0.0	47.617	24.72	0.0	27.255	15.343	0.0	26.097	15.315	0.0	1.866	0.0	0.0	1.861	0.0	0.0	2.215	0.0	0.0	2.208	0.0
33	1175	1176	NS	1	0.0	45.885	24.456	0.0	48.99	24.012	0.0	24.327	12.595	0.0	28.193	12.036	0.0	1.821	0.0	0.0	1.83	0.0	0.0	2.157	0.0	0.0	2.171	0.0
34	1175	1176	SN	1	0.0	38.429	12.741	0.0	40.414	13.048	0.0	22.253	5.821	0.0	20.019	5.83	0.0	1.866	0.0	0.0	1.862	0.0	0.0	2.214	0.0	0.0	2.208	0.0
35	1175	1176	NS	1	0.0	38.464	12.411	0.0	40.839	12.548	0.0	20.019	3.545	0.0	22.385	3.538	0.0	1.821	0.0	0.0	1.83	0.0	0.0	2.156	0.0	0.0	2.17	0.0
36	1175	1176	SN	1	0.0	38.478	24.378	0.0	40.422	24.956	0.0	22.021	14.74	0.0	26.097	15.676	0.0	1.866	0.0	0.0	1.861	0.0	0.0	2.215	0.0	0.0	2.208	0.0
37	1175	1176	NS	1	0.0	45.885	24.402	0.0	48.356	23.999	0.0	24.751	12.605	0.0	28.419	12.046	0.0	1.821	0.0	0.0	1.83	0.0	0.0	2.158	0.0	0.0	2.171	0.0
38	1175	1176	SN	1	0.0	37.342	12.627	0.0	39.192	13.209	0.0	18.012	5.513	0.0	19.942	5.962	0.0	1.866	0.0	0.0	1.862	0.0	0.0	2.214	0.0	0.0	2.208	0.0
39	1176	1177	NS	1	0.0	38.464	12.365	0.0	40.839	12.543	0.0	20.003	3.529	0.0	22.391	3.54	0.0	1.821	0.0	0.0	1.829	0.0	0.0	2.157	0.0	0.0	2.17	0.0
40	1176	1177	SN	1	0.0	46.48	24.656	0.0	47.622	24.608	0.0	27.261	15.385	0.0	23.648	15.172	0.0	1.866	0.0	0.0	1.861	0.0	0.0	2.215	0.0	0.0	2.207	0.0
41	1176	1177	NS	1	0.0	45.874	24.327	0.0	48.35	24.01	0.0	24.735	12.563	0.0	28.413	12.053	0.0	1.821	0.0	0.0	1.83	0.0	0.0	2.158	0.0	0.0	2.17	0.0
42	1176	1177	SN	1	0.0	38.445	12.724	0.0	40.574	12.999	0.0	22.253	5.834	0.0	20.036	5.753	0.0	1.866	0.0	0.0	1.862	0.0	0.0	2.214	0.0	0.0	2.207	0.0
43	1177	1178	SN	1	0.0	38.434	12.749	0.0	40.425	13.007	0.0	22.363	5.855	0.0	20.042	5.857	0.0	1.866	0.0	0.0	1.862	0.0	0.0	2.214	0.0	0.0	2.207	0.0
44	1177	1178	SN	1	0.0	46.486	24.623	0.0	47.639	24.789	0.0	27.272	15.378	0.0	26.108	15.384	0.0	1.867	0.0	0.0	1.86	0.0	0.0	2.215	0.0	0.0	2.207	0.0
45	1177	1178	NS	1	0.0	38.476	12.324	0.0	40.828	12.538	0.0	20.008	3.566	0.0	22.38	3.525	0.0	1.821	0.0	0.0	1.829	0.0	0.0	2.156	0.0	0.0	2.17	0.0
46	1177	1178	NS	1	0.0	45.857	24.491	0.0	48.973	24.032	0.0	24.321	12.638	0.0	28.182	11.993	0.0	1.821	0.0	0.0	1.829	0.0	0.0	2.157	0.0	0.0	2.17	0.0
47	1178	1179	NS	1	0.0	45.824	24.431	0.0	47.71	24.034	0.0	24.31	12.644	0.0	28.176	12.041	0.0	1.821	0.0	0.0	1.829	0.0	0.0	2.157	0.0	0.0	2.17	0.0
48	1178	1179	SN	1	0.0	38.368	12.683	0.0	40.59	13.003	0.0	22.385	5.918	0.0	19.529	5.839	0.0	1.866	0.0	0.0	1.862	0.0	0.0	2.215	0.0	0.0	2.207	0.0
49	1178	1179	SN	1	0.0	46.502	24.662	0.0	47.17	24.552	0.0	28.077	15.237	0.0	23.866	15.198	0.0	1.867	0.0	0.0	1.861	0.0	0.0	2.215	0.0	0.0	2.207	0.0
50	1178	1179	NS	1	0.0	38.498	12.348	0.0	40.817	12.521	0.0	19.551	3.586	0.0	22.374	3.547	0.0	1.821	0.0	0.0	1.829	0.0	0.0	2.156	0.0	0.0	2.17	0.0
51	1179	1180	NS	1	0.0	45.808	24.501	0.0	47.699	23.928	0.0	24.305	12.658	0.0	28.165	12.013	0.0	1.821	0.0	0.0	1.829	0.0	0.0	2.157	0.0	0.0	2.17	0.0
52	1179	1180	SN	1	0.0	46.514	24.594	0.0	47.181	24.583	0.0	28.082	15.154	0.0	23.85	15.18	0.0	1.866	0.0	0.0	1.86	0.0	0.0	2.214	0.0	0.0	2.207	0.0
53	1179	1180	SN	1	0.0	38.329	12.758	0.0	40.596	13.039	0.0	22.363	5.893	0.0	19.534	5.773	0.0	1.866	0.0	0.0	1.861	0.0	0.0	2.214	0.0	0.0	2.206	0.0
54	1179	1180	NS	1	0.0	38.164	12.337	0.0	40.805	12.529	0.0	19.473	3.634	0.0	22.374	3.538	0.0	1.821	0.0	0.0	1.829	0.0	0.0	2.156	0.0	0.0	2.17	0.0
55	1180	1181	SN	1	0.0	38.467	12.683	0.0	40.601	12.956	0.0	22.347	5.776	0.0	20.246	5.552	0.0	1.866	0.0	0.0	1.86	0.0	0.0	2.214	0.0	0.0	2.205	0.0
56	1180	1181	NS	1	0.0	45.797	24.425	0.0	47.694	23.961	0.0	24.277	12.672	0.0	27.239	12.034	0.0	1.822	0.0	0.0	1.83	0.0	0.0	2.157	0.0	0.0	2.171	0.0
57	1180	1181	NS	1	0.0	38.536	12.373	0.0	40.8	12.543	0.0	19.462	3.602	0.0	22.374	3.552	0.0	1.821	0.0	0.0	1.83	0.0	0.0	2.156	0.0	0.0	2.17	0.0
58	1180	1181	SN	1	0.0	46.53	24.468	0.0	47.192	24.371	0.0	28.099	15.014	0.0	23.844	14.973	0.0	1.866	0.0	0.0	1.859	0.0	0.0	2.214	0.0	0.0	2.206	0.0
59	1181	1182	NS	1	0.0	38.175	12.34	0.0	40.8	12.464	0.0	19.959	3.621	0.0	21.398	3.445	0.0	1.821	0.0	0.0	1.83	0.0	0.0	2.156	0.0	0.0	2.17	0.0
60	1181	1182	SN	1	0.0	38.224	12.747	0.0	40.105	13.012	0.0	22.33	5.786	0.0	19.975	5.666	0.0	1.865	0.0	0.0	1.859	0.0	0.0	2.214	0.0	0.0	2.205	0.0
61	1181	1182	NS	1	0.0	45.206	24.443	0.0	47.694	23.807	0.0	24.266	12.678	0.0	27.239	11.84	0.0	1.822	0.0	0.0	1.83	0.0	0.0	2.157	0.0	0.0	2.171	0.0
62	1181	1182	SN	1	0.0	46.536	24.658	0.0	47.203	24.697	0.0	28.077	15.184	0.0	26.075	15.353	0.0	1.866	0.0	0.0	1.859	0.0	0.0	2.214	0.0	0.0	2.205	0.0
63	1182	1183	SN	1	0.0	38.368	12.734	0.0	40.458	12.99	0.0	22.347	5.793	0.0	20.075	5.743	0.0	1.865	0.0	0.0	1.861	0.0	0.0	2.214	0.0	0.0	2.206	0.0
64	1182	1183	NS	1	0.0	46.431	24.425	0.0	46.806	24.002	0.0	24.26	12.616	0.0	28.154	12.059	0.0	1.821	0.0	0.0	1.83	0.0	0.0	2.156	0.0	0.0	2.17	0.0
65	1182	1183	SN	1	0.0	46.552	24.719	0.0	47.203	24.713	0.0	28.093	15.204	0.0	26.075	15.339	0.0	1.866	0.0	0.0	1.86	0.0	0.0	2.214	0.0	0.0	2.206	0.0
66	1182	1183	NS	1	0.0	38.269	12.335	0.0	40.794	12.514	0.0	19.975	3.621	0.0	22.369	3.548	0.0	1.821	0.0	0.0	1.829	0.0	0.0	2.155	0.0	0.0	2.17	0.0
67	1183	1184	NS	1	0.0	38.296	12.32	0.0	39.228	12.443	0.0	19.959	3.607	0.0	22.292	3.419	0.0	1.821	0.0	0.0	1.829	0.0	0.0	2.155	0.0	0.0	2.17	0.0
68	1183	1184	NS	1	0.0	46.442	24.4	0.0	46.596	23.916	0.0	24.26	12.643	0.0	28.149	11.75	0.0	1.821	0.0	0.0	1.83	0.0	0.0	2.156	0.0	0.0	2.17	0.0

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

Normal
Deviations
Alarming
High Errors

69	1183	1184	SN	1	0.0	38.23	12.751	0.0	40.458	12.998	0.0	22.33	5.776	0.0	19.931	5.709	0.0	1.865	0.0	0.0	1.861	0.0	0.0	2.214	0.0	0.0	2.205	0.0
70	1183	1184	SN	1	0.0	46.547	24.745	0.0	47.208	24.795	0.0	28.093	15.193	0.0	26.086	15.345	0.0	1.865	0.0	0.0	1.86	0.0	0.0	2.214	0.0	0.0	2.205	0.0
71	1184	1185	NS	1	0.0	46.431	24.387	0.0	47.865	24.013	0.0	24.884	12.573	0.0	27.233	11.984	0.0	1.821	0.0	0.0	1.83	0.0	0.0	2.157	0.0	0.0	2.171	0.0
72	1184	1185	NS	1	0.0	38.291	12.327	0.0	40.331	12.533	0.0	20.268	3.587	0.0	22.363	3.543	0.0	1.821	0.0	0.0	1.83	0.0	0.0	2.156	0.0	0.0	2.17	0.0
73	1184	1185	SN	1	0.0	38.39	12.767	0.0	40.298	13.004	0.0	22.275	5.805	0.0	19.97	5.732	0.0	1.865	0.0	0.0	1.861	0.0	0.0	2.214	0.0	0.0	2.205	0.0
74	1184	1185	SN	1	0.0	46.563	24.781	0.0	48.223	24.793	0.0	27.222	15.237	0.0	25.893	15.35	0.0	1.866	0.0	0.0	1.859	0.0	0.0	2.214	0.0	0.0	2.205	0.0
75	1185	1186	NS	1	0.0	38.291	12.35	0.0	40.635	12.508	0.0	19.788	3.602	0.0	22.352	3.517	0.0	1.821	0.0	0.0	1.83	0.0	0.0	2.156	0.0	0.0	2.171	0.0
76	1185	1186	NS	1	0.0	46.42	24.408	0.0	47.843	23.981	0.0	24.867	12.593	0.0	27.222	12.013	0.0	1.822	0.0	0.0	1.83	0.0	0.0	2.157	0.0	0.0	2.171	0.0
77	1185	1186	SN	1	0.0	38.379	12.756	0.0	40.309	13.02	0.0	22.264	5.833	0.0	19.964	5.691	0.0	1.865	0.0	0.0	1.861	0.0	0.0	2.214	0.0	0.0	2.205	0.0
78	1185	1186	SN	1	0.0	46.563	24.725	0.0	48.234	24.843	0.0	28.104	15.187	0.0	25.876	15.314	0.0	1.866	0.0	0.0	1.86	0.0	0.0	2.214	0.0	0.0	2.205	0.0
79	1186	1187	SN	1	0.0	38.401	12.725	0.0	40.32	13.012	0.0	22.209	5.799	0.0	19.606	5.608	0.0	1.865	0.0	0.0	1.861	0.0	0.0	2.214	0.0	0.0	2.206	0.0
80	1186	1187	NS	1	0.0	38.263	12.381	0.0	40.623	12.524	0.0	19.788	3.593	0.0	22.347	3.517	0.0	1.822	0.0	0.0	1.83	0.0	0.0	2.156	0.0	0.0	2.171	0.0
81	1186	1187	NS	1	0.0	46.376	24.433	0.0	47.832	24.008	0.0	24.867	12.601	0.0	27.217	11.977	0.0	1.822	0.0	0.0	1.83	0.0	0.0	2.157	0.0	0.0	2.171	0.0
82	1186	1187	SN	1	0.0	46.591	24.712	0.0	48.256	24.691	0.0	28.126	15.207	0.0	23.778	15.064	0.0	1.866	0.0	0.0	1.862	0.0	0.0	2.214	0.0	0.0	2.206	0.0
83	1187	1188	NS	1	0.0	38.252	12.365	0.0	40.756	12.528	0.0	19.81	3.622	0.0	22.341	3.521	0.0	1.822	0.0	0.0	1.83	0.0	0.0	2.156	0.0	0.0	2.171	0.0
84	1187	1188	NS	1	0.0	46.387	24.422	0.0	47.821	23.994	0.0	24.834	12.588	0.0	27.211	12.008	0.0	1.822	0.0	0.0	1.83	0.0	0.0	2.157	0.0	0.0	2.171	0.0

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

Normal
Deviations
Alarming
High Errors