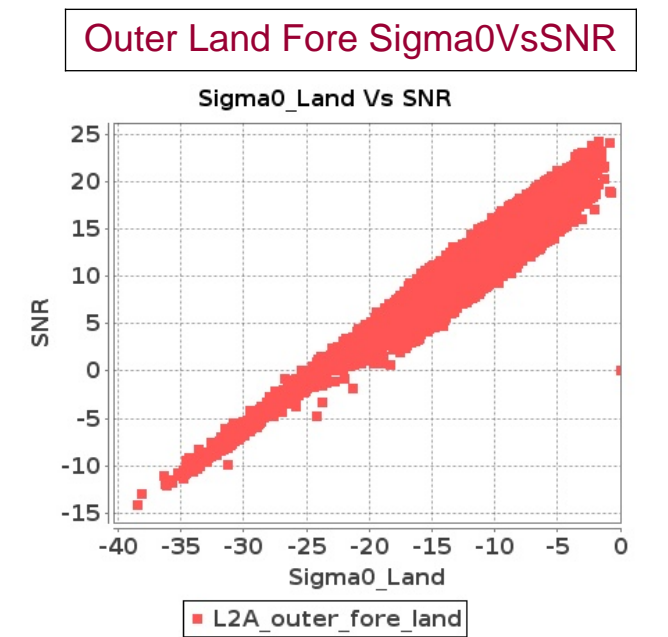
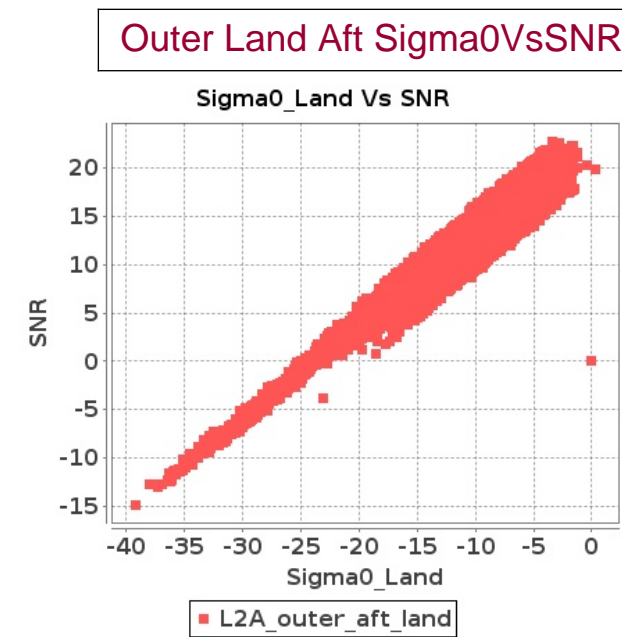
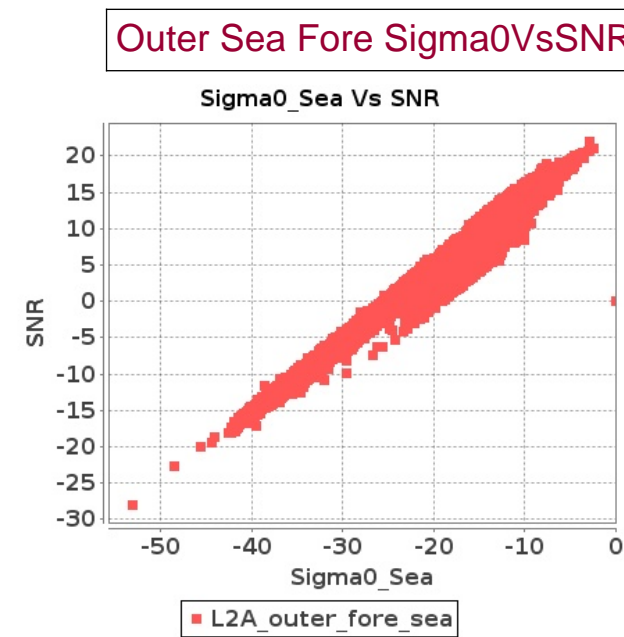
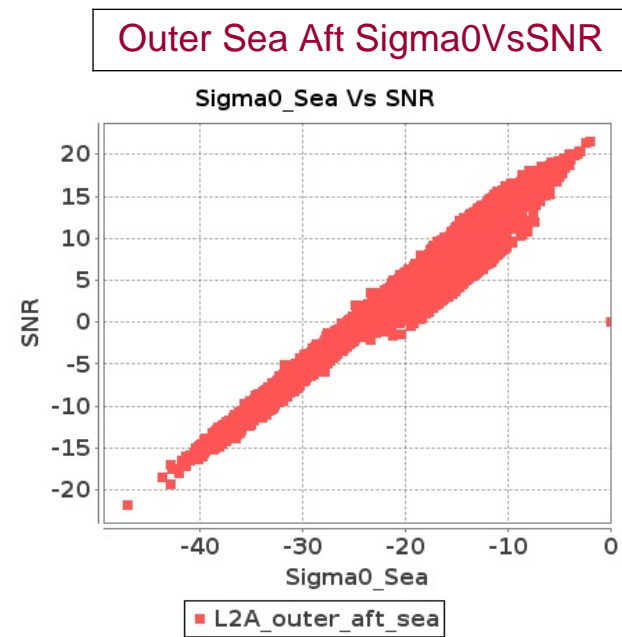
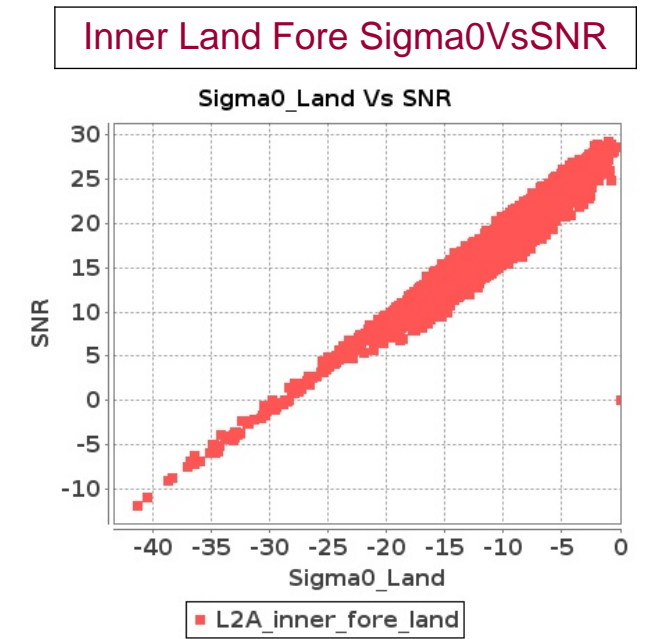
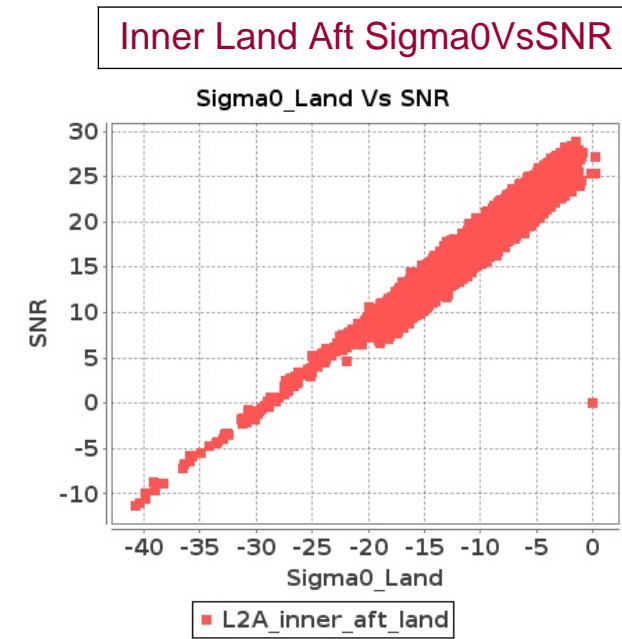
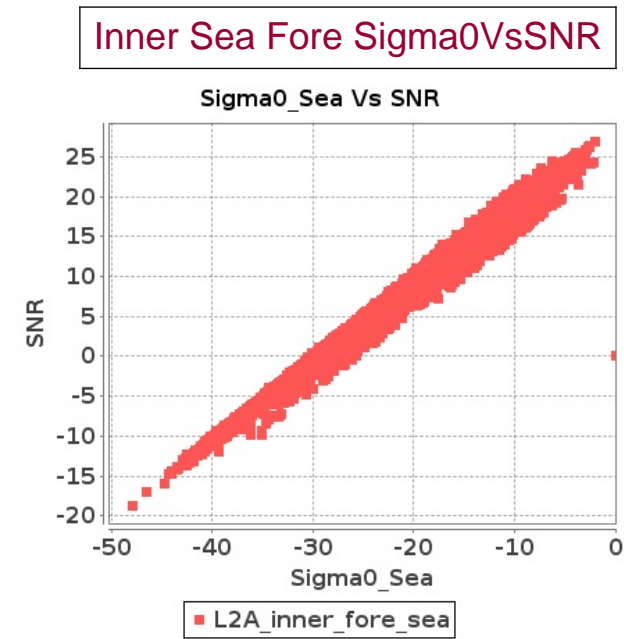
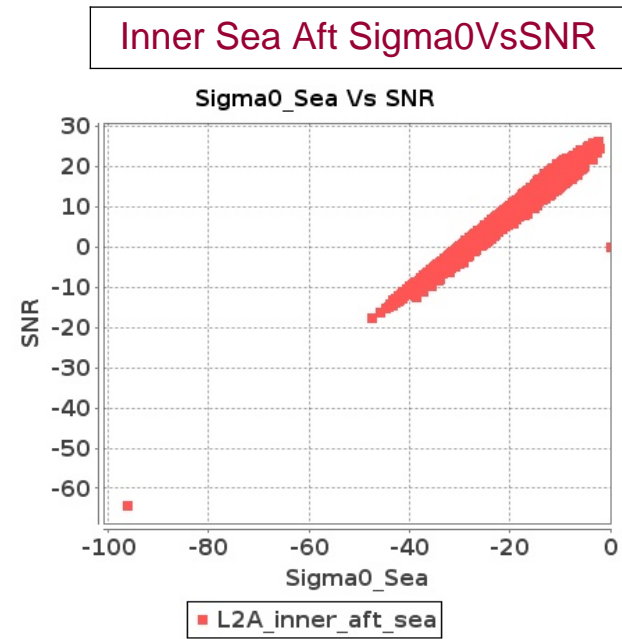


# SCATSAT-1 Scatterometer Level-2A Data Quality Cycle wise Report

Report between 22-FEB-2017 To 23-FEB-2017



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

Report between 22-FEB-2017 To 23-FEB-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	2158	2159	SN	1	0.0	47.702	4.459	0.0	49.868	4.555	0.0	46.902	3.764	0.0	45.174	4.874	0.0	48.671	4.343	0.0	49.168	3.95	0.0	47.124	3.608	0.0	47.534	3.177
2	2158	2159	SN	1	0.0	48.386	1.348	0.0	47.776	1.466	0.0	40.612	1.236	0.0	39.388	1.701	0.0	49.354	1.232	0.0	47.053	1.18	0.0	38.915	1.22	0.0	37.636	1.08
3	2159	2160	SN	1	0.0	53.795	8.422	0.0	51.001	8.851	0.0	47.23	6.262	0.0	47.713	7.742	0.0	53.998	8.678	0.0	50.237	8.419	0.0	48.145	6.802	0.0	43.4	6.563
4	2159	2160	SN	1	0.0	49.209	2.573	0.0	48.947	2.484	0.0	43.277	2.031	0.0	42.821	2.353	0.0	50.14	2.646	0.0	48.338	2.319	0.0	42.05	2.194	0.0	38.79	2.042
5	2159	2160	NS	1	0.0	56.083	9.418	0.0	54.239	9.201	0.0	49.778	7.184	0.0	51.656	8.516	0.0	56.468	9.276	0.0	50.651	8.389	0.0	51.08	7.66	0.0	47.106	6.665
6	2159	2160	NS	1	0.0	50.431	2.884	0.0	49.08	2.894	0.0	49.102	2.153	0.0	47.703	2.695	0.0	50.198	2.869	0.0	47.2	2.462	0.0	47.293	2.229	0.0	43.235	1.876
7	2160	2161	SN	1	0.0	48.382	6.069	0.0	54.871	6.616	0.0	39.19	5.502	0.0	44.86	7.583	0.0	44.633	6.383	0.0	51.698	6.187	0.0	42.439	5.722	0.0	44.874	6.19
8	2160	2161	NS	1	0.0	44.235	2.306	0.0	50.028	2.852	0.0	44.36	2.192	0.0	44.175	3.233	0.0	43.735	2.545	0.0	49.08	2.62	0.0	42.858	2.552	0.0	40.319	2.661
9	2160	2161	SN	1	0.0	44.801	1.929	0.0	42.952	2.183	0.0	36.409	1.806	0.0	39.052	2.798	0.0	49.705	1.944	0.0	38.256	1.963	0.0	37.055	1.928	0.0	36.471	2.198
10	2160	2161	NS	1	0.0	52.101	7.352	0.0	50.466	8.761	0.0	44.569	6.46	0.0	45.039	9.024	0.0	52.724	7.934	0.0	50.43	8.295	0.0	45.704	7.611	0.0	44.256	7.661
11	2161	2162	NS	1	0.0	45.746	2.19	0.0	42.03	2.863	0.0	38.906	2.257	0.0	43.625	3.272	0.0	48.464	2.2	0.0	43.95	2.579	0.0	39.562	2.503	0.0	41.007	2.565
12	2161	2162	SN	1	0.0	45.234	5.201	0.0	46.435	6.221	0.0	39.916	4.942	0.0	39.602	7.056	0.0	47.373	5.069	0.0	43.767	5.203	0.0	37.695	5.02	0.0	39.311	4.853
13	2162	2163	SN	1	0.0	41.916	5.67	0.0	41.028	6.197	0.0	38.687	4.882	0.0	41.249	7.083	0.0	42.193	5.738	0.0	38.851	5.381	0.0	38.199	5.341	0.0	36.216	5.255
14	2162	2163	SN	1	0.0	39.786	1.888	0.0	43.328	2.076	0.0	40.072	1.767	0.0	39.93	2.646	0.0	41.419	1.875	0.0	40.033	1.733	0.0	38.605	1.804	0.0	35.149	1.805
15	2162	2163	NS	1	0.0	51.195	5.603	0.0	47.078	6.823	0.0	47.586	4.719	0.0	44.68	6.93	0.0	50.86	5.461	0.0	49.833	6.065	0.0	44.244	4.94	0.0	41.487	5.283
16	2163	2164	SN	1	0.0	13.499	0.0	0.0	7.447	0.0	0.0	12.077	0.0	100000.0	-100000.0	0.0	0.0	11.818	0.0	0.0	7.629	0.0	0.0	8.946	0.0	100000.0	-100000.0	0.0
17	2164	2165	NS	1	0.0	52.553	6.029	0.0	53.031	6.916	0.0	48.488	5.33	0.0	46.515	7.45	0.0	53.75	5.746	0.0	54.064	6.075	0.0	50.805	5.366	0.0	46.378	5.071
18	2164	2165	SN	1	0.0	54.957	7.533	0.0	50.658	8.503	0.0	41.246	5.997	0.0	45.824	8.256	0.0	55.164	7.575	0.0	45.542	7.359	0.0	43.736	6.118	0.0	43.502	6.017
19	2164	2165	NS	1	0.0	44.677	1.94	0.0	49.837	2.056	0.0	44.496	1.764	0.0	41.947	2.681	0.0	44.547	1.887	0.0	46.275	1.777	0.0	43.353	1.695	0.0	38.571	1.659
20	2164	2165	SN	1	0.0	48.905	2.369	0.0	46.995	2.569	0.0	37.49	1.892	0.0	41.387	2.688	0.0	48.121	2.325	0.0	41.477	2.108	0.0	39.691	1.897	0.0	36.758	1.738
21	2165	2166	NS	1	0.0	49.314	1.443	0.0	42.665	2.227	0.0	39.595	1.47	0.0	39.059	2.821	0.0	48.923	1.295	0.0	41.725	1.648	0.0	37.795	1.392	0.0	38.995	1.594
22	2165	2166	SN	1	0.0	49.054	7.863	0.0	54.56	8.538	0.0	46.911	5.906	0.0	50.285	7.366	0.0	49.852	7.854	0.0	55.539	7.845	0.0	45.252	6.045	0.0	48.857	5.922
23	2165	2166	NS	1	0.0	51.45	4.872	0.0	50.058	6.841	0.0	41.82	4.655	0.0	41.412	7.827	0.0	49.38	4.622	0.0	51.972	5.642	0.0	40.594	4.47	0.0	40.503	4.957
24	2165	2166	SN	1	0.0	50.191	2.461	0.0	47.439	2.43	0.0	42.697	1.767	0.0	43.554	2.323	0.0	49.239	2.371	0.0	47.019	2.049	0.0	43.231	1.78	0.0	40.932	1.629
25	2173	2174	NS	1	0.0	54.12	3.014	0.0	45.612	2.945	0.0	43.72	2.302	0.0	47.539	2.988	0.0	53.648	2.898	0.0	43.278	2.497	0.0	42.194	2.304	0.0	43.317	1.949
26	2173	2174	SN	1	0.0	44.693	1.758	0.0	46.159	1.899	0.0	42.368	1.533	0.0	37.615	1.835	0.0	47.783	1.836	0.0	44.146	1.759	0.0	43.285	1.778	0.0	34.768	1.504
27	2173	2174	NS	1	0.0	52.824	9.057	0.0	58.076	9.951	0.0	51.52	7.59	0.0	49.312	9.167	0.0	55.02	9.173	0.0	57.771	8.761	0.0	49.86	7.675	0.0	44.345	6.717
28	2173	2174	SN	1	0.0	49.922	5.755	0.0	50.445	6.34	0.0	43.161	4.929	0.0	43.704	6.26	0.0	51.427	5.863	0.0	51.056	5.892	0.0	41.977	5.263	0.0	44.105	5.082
29	2174	2175	NS	1	0.0	49.249	7.383	0.0	51.008	8.502	0.0	44.08	6.595	0.0	48.01	8.471	0.0	50.524	7.333	0.0	53.829	7.995	0.0	45.429	7.014	0.0	48.317	7.1
30	2174	2175	NS	1	0.0	45.356	2.24	0.0	50.694	2.585	0.0	46.183	2.185	0.0	41.064	2.978	0.0	43.738	2.256	0.0	50.637	2.385	0.0	41.126	2.361	0.0	37.931	2.319
31	2174	2175	SN	1	0.0	44.363	2.452	0.0	46.144	2.503	0.0	44.668	2.122	0.0	38.952	2.526	0.0	44.357	2.56	0.0	42.832	2.464	0.0	46.674	2.311	0.0	37.643	2.214

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

32	2174	2175	SN	1	0.0	49.258	7.467	0.0	50.867	7.937	0.0	50.363	6.171	0.0	48.005	7.059	0.0	50.776	7.839	0.0	50.147	7.887	0.0	47.907	7.151	0.0	41.672	6.466
33	2175	2176	NS	1	0.0	44.843	1.965	0.0	52.101	2.446	0.0	38.353	1.966	0.0	42.892	2.726	0.0	47.731	1.975	0.0	48.069	2.188	0.0	35.497	1.998	0.0	39.882	1.942
34	2175	2176	NS	1	0.0	50.807	6.158	0.0	53.372	7.494	0.0	50.935	5.58	0.0	43.814	7.392	0.0	52.444	6.117	0.0	54.444	6.845	0.0	49.542	5.828	0.0	42.793	5.823
35	2175	2176	SN	1	0.0	52.313	5.083	0.0	42.481	5.319	0.0	43.854	4.366	0.0	44.81	6.085	0.0	49.71	5.042	0.0	42.377	4.505	0.0	43.914	4.586	0.0	41.241	4.371
36	2175	2176	SN	1	0.0	38.465	1.645	0.0	38.268	1.74	0.0	40.077	1.627	0.0	41.125	2.297	0.0	39.468	1.6	0.0	36.831	1.445	0.0	41.963	1.573	0.0	36.808	1.506
37	2176	2177	NS	1	0.0	44.117	2.064	0.0	51.777	2.513	0.0	42.324	1.844	0.0	43.471	2.926	0.0	49.834	1.979	0.0	47.972	2.078	0.0	40.743	1.883	0.0	37.978	1.882
38	2176	2177	SN	1	0.0	41.534	6.552	0.0	43.879	7.597	0.0	48.051	5.383	0.0	42.846	8.188	0.0	42.851	6.288	0.0	41.783	6.622	0.0	48.192	5.653	0.0	40.55	6.138
39	2176	2177	NS	1	0.0	49.439	6.891	0.0	48.921	8.392	0.0	42.337	6.17	0.0	47.815	8.5	0.0	52.972	6.899	0.0	50.886	7.41	0.0	45.479	6.205	0.0	47.092	6.021
40	2176	2177	SN	1	0.0	43.455	2.129	0.0	41.952	2.629	0.0	38.884	1.93	0.0	39.283	2.916	0.0	41.542	2.082	0.0	39.154	2.149	0.0	37.434	1.981	0.0	37.903	2.03
41	2177	2178	NS	1	0.0	45.186	1.013	0.0	43.649	1.061	0.0	38.772	0.984	0.0	42.148	1.491	0.0	44.267	1.028	0.0	44.097	0.866	0.0	43.248	0.911	0.0	36.203	0.961
42	2177	2178	SN	1	0.0	43.749	1.412	0.0	41.297	1.757	0.0	42.47	1.384	0.0	44.348	2.48	0.0	41.613	1.35	0.0	39.997	1.424	0.0	42.497	1.403	0.0	44.163	1.529
43	2177	2178	NS	1	0.0	51.006	3.387	0.0	48.13	3.674	0.0	46.135	3.369	0.0	45.016	4.596	0.0	48.38	3.154	0.0	47.438	3.082	0.0	42.566	3.22	0.0	42.989	3.239
44	2177	2178	SN	1	0.0	43.749	4.613	0.0	45.186	5.834	0.0	40.903	4.132	0.0	48.514	6.612	0.0	44.814	4.415	0.0	42.835	4.995	0.0	41.94	4.16	0.0	44.298	4.763
45	2178	2179	SN	1	0.0	41.97	1.566	0.0	42.736	1.935	0.0	45.703	1.579	0.0	43.24	2.412	0.0	44.615	1.416	0.0	44.103	1.523	0.0	46.343	1.355	0.0	39.489	1.398
46	2178	2179	SN	1	0.0	49.377	4.936	0.0	46.339	6.069	0.0	47.976	4.431	0.0	45.18	6.519	0.0	50.88	4.754	0.0	46.996	5.063	0.0	47.742	4.26	0.0	40.963	4.334
47	2178	2179	NS	1	0.0	50.205	6.675	0.0	54.403	7.719	0.0	44.708	5.658	0.0	50.197	8.691	0.0	53.216	6.325	0.0	57.604	6.637	0.0	46.244	5.892	0.0	49.343	5.993
48	2178	2179	NS	1	0.0	50.072	2.241	0.0	48.537	2.425	0.0	47.361	2.096	0.0	40.621	3.009	0.0	49.317	2.176	0.0	49.223	1.954	0.0	50.53	2.013	0.0	35.869	1.875
49	2179	2180	SN	1	0.0	43.669	1.545	0.0	44.492	1.944	0.0	42.058	1.426	0.0	38.041	2.452	0.0	46.011	1.499	0.0	42.702	1.622	0.0	40.528	1.365	0.0	39.193	1.482
50	2179	2180	NS	1	0.0	52.432	1.303	0.0	42.968	1.916	0.0	41.645	1.52	0.0	41.368	2.472	0.0	53.849	1.115	0.0	41.227	1.375	0.0	44.375	1.371	0.0	38.018	1.344
51	2179	2180	SN	1	0.0	54.962	4.762	0.0	55.134	6.202	0.0	46.101	4.534	0.0	43.964	6.822	0.0	56.67	4.778	0.0	56.439	5.42	0.0	43.524	4.322	0.0	42.924	5.058
52	2179	2180	NS	1	0.0	47.92	4.105	0.0	46.478	5.89	0.0	51.006	4.378	0.0	45.983	6.925	0.0	47.273	3.572	0.0	49.593	4.651	0.0	47.305	4.243	0.0	43.205	3.906
53	2180	2181	NS	1	0.0	42.394	0.986	0.0	42.375	1.289	0.0	49.447	1.037	0.0	42.583	1.744	0.0	44.346	0.922	0.0	42.086	1.023	0.0	49.521	1.046	0.0	37.201	1.054
54	2180	2181	SN	1	0.0	49.687	2.469	0.0	46.15	2.594	0.0	46.279	1.944	0.0	45.507	2.406	0.0	51.451	2.447	0.0	51.592	2.287	0.0	42.809	2.061	0.0	43.129	1.783
55	2180	2181	NS	1	0.0	48.044	3.606	0.0	47.94	4.543	0.0	45.754	3.291	0.0	45.301	5.178	0.0	47.132	3.323	0.0	47.559	3.786	0.0	45.856	3.27	0.0	42.212	3.338
56	2180	2181	SN	1	0.0	52.268	7.355	0.0	57.367	8.188	0.0	45.369	6.11	0.0	49.12	7.058	0.0	51.914	7.206	0.0	59.654	7.365	0.0	46.833	6.33	0.0	47.894	5.786
57	2181	2182	SN	1	0.0	45.039	2.208	0.0	42.527	2.435	0.0	38.788	1.795	0.0	42.85	2.725	0.0	41.906	2.344	0.0	40.586	2.358	0.0	37.945	1.981	0.0	38.766	2.201
58	2181	2182	NS	1	0.0	47.06	2.384	0.0	43.757	2.704	0.0	42.434	2.328	0.0	42.021	3.463	0.0	45.684	2.487	0.0	42.809	2.355	0.0	45.492	2.59	0.0	41.274	2.542
59	2181	2182	SN	1	0.0	49.674	7.044	0.0	48.684	7.531	0.0	39.73	5.949	0.0	44.823	7.815	0.0	48.181	7.316	0.0	50.318	7.223	0.0	40.714	6.417	0.0	41.602	6.865
60	2181	2182	NS	1	0.0	54.509	7.31	0.0	52.122	8.127	0.0	46.981	7.121	0.0	44.233	9.489	0.0	58.352	7.343	0.0	55.083	7.387	0.0	49.017	7.568	0.0	42.728	7.436
61	2182	2183	NS	1	0.0	47.219	2.212	0.0	41.628	2.83	0.0	39.597	2.035	0.0	41.836	2.843	0.0	49.444	2.375	0.0	39.089	2.601	0.0	43.681	2.281	0.0	36.638	2.166
62	2182	2183	SN	1	0.0	48.186	2.258	0.0	45.582	2.578	0.0	38.279	1.944	0.0	41.381	2.855	0.0	45.92	2.302	0.0	46.139	2.287	0.0	40.547	2.158	0.0	35.302	2.215
63	2182	2183	SN	1	0.0	46.532	6.885	0.0	47.836	7.755	0.0	41.6	5.785	0.0	45.309	7.979	0.0	48.904	7.166	0.0	52.226	7.132	0.0	41.214	6.345	0.0	44.241	6.743
64	2182	2183	NS	1	0.0	49.623	7.05	0.0	44.529	8.665	0.0	45.654	5.804	0.0	48.416	8.063	0.0	47.893	7.424	0.0	45.493	8.265	0.0	47.781	6.834	0.0	43.571	6.863
65	2183	2184	SN	1	0.0	43.664	1.945	0.0	48.319	2.075	0.0	39.664	1.47	0.0	42.473	2.155	0.0	46.65	1.847	0.0	47.702	1.663	0.0	41.55	1.445	0.0	43.799	1.393
66	2183	2184	NS	1	0.0	40.804	4.194	0.0	39.428	5.885	0.0	44.451	4.135	0.0	48.206	7.026	0.0	40.811	3.978	0.0	39.673	4.911	0.0	42.434	4.156	0.0	46.917	4.447
67	2183	2184	SN	1	0.0	53.633	6.544	0.0	53.285	7.389	0.0	46.189	5.236	0.0	46.452	7.029	0.0	51.837	6.354	0.0	52.915	6.5	0.0	46.854	5.059	0.0	44.89	5.179

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

68	2184	2185	NS	1	0.0	48.127	2.198	0.0	43.687	2.789	0.0	48.949	2.294	0.0	42.374	3.457	0.0	44.621	2.121	0.0	42.845	2.281	0.0	45.922	2.26	0.0	36.805	2.321
69	2185	2186	SN	1	0.0	46.668	1.542	0.0	43.016	2.155	0.0	44.911	1.446	0.0	42.024	2.673	0.0	44.167	1.456	0.0	39.455	1.695	0.0	41.867	1.409	0.0	43.317	1.567
70	2185	2186	SN	1	0.0	50.531	4.904	0.0	49.637	6.376	0.0	42.167	4.709	0.0	41.537	7.145	0.0	50.386	4.598	0.0	49.207	5.312	0.0	42.414	4.574	0.0	44.194	4.844
71	2186	2187	NS	1	0.0	52.052	4.142	0.0	45.488	5.359	0.0	46.374	3.733	0.0	49.68	6.129	0.0	48.637	3.949	0.0	45.144	4.452	0.0	39.982	3.583	0.0	47.644	3.672
72	2186	2187	NS	1	0.0	44.979	1.245	0.0	41.71	1.57	0.0	45.861	1.185	0.0	39.642	2.438	0.0	42.536	1.133	0.0	40.838	1.188	0.0	40.51	1.217	0.0	36.646	1.285

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	2158	2159	SN	1	0.0	31.612	23.699	0.0	37.974	24.725	0.0	156.924	11.733	0.0	62.728	12.506	0.0	1.871	0.0	1.965	0.0	0.0	2.188	0.0	0.0	2.264	0.0	
2	2158	2159	SN	1	0.0	25.733	12.725	0.0	27.691	13.45	0.0	156.924	3.032	0.0	69.07	3.479	0.0	1.862	0.0	1.951	0.0	0.0	2.185	0.0	0.0	2.226	0.0	
3	2159	2160	SN	1	0.0	33.283	23.638	0.0	37.858	24.632	0.0	159.946	11.778	0.0	57.014	12.427	0.0	1.871	0.0	1.961	0.0	0.0	2.191	0.0	0.0	2.263	0.0	
4	2159	2160	SN	1	0.0	25.739	12.705	0.0	27.724	13.472	0.0	162.124	3.046	0.0	52.541	3.498	0.0	1.859	0.0	1.934	0.0	0.0	2.185	0.0	0.0	2.239	0.0	
5	2159	2160	NS	1	0.0	38.266	24.215	0.0	37.607	24.933	0.0	270.141	14.411	0.0	74.508	14.595	0.0	1.929	0.0	1.903	0.0	0.0	2.251	0.0	0.0	2.22	0.0	
6	2159	2160	NS	1	0.0	27.095	12.771	0.0	26.615	13.286	0.0	349.395	5.217	0.0	136.121	5.126	0.0	1.926	0.0	1.891	0.0	0.0	2.243	0.0	0.0	2.219	0.0	
7	2160	2161	SN	1	0.0	30.917	23.739	0.0	37.83	24.798	0.0	155.517	11.771	0.0	57.582	12.617	0.0	1.871	0.0	1.962	0.0	0.0	2.19	0.0	0.0	2.263	0.0	
8	2160	2161	NS	1	0.0	27.068	12.781	0.0	26.637	13.266	0.0	349.544	5.115	0.0	137.98	5.035	0.0	1.926	0.0	1.891	0.0	0.0	2.242	0.0	0.0	2.219	0.0	
9	2160	2161	SN	1	0.0	25.75	12.707	0.0	27.757	13.524	0.0	156.648	3.064	0.0	64.167	3.52	0.0	1.858	0.0	1.924	0.0	0.0	2.188	0.0	0.0	2.239	0.0	
10	2160	2161	NS	1	0.0	38.36	24.219	0.0	37.199	24.994	0.0	270.494	14.355	0.0	75.302	14.548	0.0	1.936	0.0	1.903	0.0	0.0	2.251	0.0	0.0	2.219	0.0	
11	2161	2162	NS	1	0.0	26.621	12.775	0.0	26.643	13.252	0.0	347.255	5.121	0.0	145.138	5.03	0.0	1.928	0.0	1.892	0.0	0.0	2.24	0.0	0.0	2.218	0.0	
12	2161	2162	SN	1	0.0	30.884	23.774	0.0	37.825	24.748	0.0	186.528	11.85	0.0	53.484	12.682	0.0	1.873	0.0	1.958	0.0	0.0	2.186	0.0	0.0	2.264	0.0	
13	2162	2163	SN	1	0.0	33.801	23.824	0.0	33.002	24.356	0.0	183.964	11.898	0.0	16.683	12.017	0.0	1.875	0.0	1.946	0.0	0.0	2.187	0.0	0.0	2.263	0.0	
14	2162	2163	SN	1	0.0	25.783	12.744	0.0	26.957	13.477	0.0	183.964	3.073	0.0	12.469	3.31	0.0	1.859	0.0	1.945	0.0	0.0	2.185	0.0	0.0	2.227	0.0	
15	2162	2163	NS	1	0.0	38.349	24.251	0.0	33.465	25.002	0.0	352.77	14.35	0.0	78.456	14.5	0.0	1.93	0.0	1.904	0.0	0.0	2.249	0.0	0.0	2.218	0.0	
16	2163	2164	SN	1	0.0	16.567	10.553	0.0	15.988	25.0	0.0	10.258	0.76	100000.0	-100000.0	0.0	0.0	1.846	0.0	0.15	0.0	0.0	2.176	0.0	100000.0	-100000.0	0.0	
17	2164	2165	NS	1	0.0	38.58	24.265	0.0	33.344	25.025	0.0	107.358	14.35	0.0	74.293	14.432	0.0	1.938	0.0	1.903	0.0	0.0	2.251	0.0	0.0	2.219	0.0	
18	2164	2165	SN	1	0.0	30.763	23.716	0.0	258.816	24.676	0.0	159.312	11.845	0.0	48.014	12.669	0.0	1.874	0.0	1.955	0.0	0.0	2.187	0.0	0.0	2.264	0.0	
19	2164	2165	NS	1	0.0	27.068	12.803	0.0	26.632	13.233	0.0	350.68	5.123	0.0	145.232	5.027	0.0	1.926	0.0	1.893	0.0	0.0	2.243	0.0	0.0	2.218	0.0	
20	2164	2165	SN	1	0.0	25.777	12.85	0.0	256.296	13.429	0.0	165.411	3.12	0.0	12.547	3.207	0.0	1.863	0.0	1.934	0.0	0.0	2.184	0.0	0.0	2.234	0.0	
21	2165	2166	NS	1	0.0	27.04	12.792	0.0	26.61	13.272	0.0	347.128	5.151	0.0	122.069	5.045	0.0	1.925	0.0	1.891	0.0	0.0	2.242	0.0	0.0	2.218	0.0	
22	2165	2166	SN	1	0.0	33.162	23.84	0.0	31.948	23.723	0.0	157.078	12.06	0.0	14.957	11.254	0.0	1.875	0.0	1.952	0.0	0.0	2.188	0.0	0.0	2.265	0.0	
23	2165	2166	NS	1	0.0	38.608	24.292	0.0	33.355	25.0	0.0	94.458	14.319	0.0	75.572	14.446	0.0	1.94	0.0	1.902	0.0	0.0	2.25	0.0	0.0	2.219	0.0	
24	2165	2166	SN	1	0.0	25.75	12.919	0.0	26.963	13.342	0.0	157.663	3.141	0.0	12.398	3.117	0.0	1.876	0.0	1.922	0.0	0.0	2.185	0.0	0.0	2.242	0.0	
25	2173	2174	NS	1	0.0	27.068	12.786	0.0	26.626	13.29	0.0	349.064	5.138	0.0	131.384	4.985	0.0	1.926	0.0	1.892	0.0	0.0	2.242	0.0	0.0	2.219	0.0	
26	2173	2174	SN	1	0.0	25.843	12.751	0.0	227.88	13.544	0.0	150.052	3.042	0.0	64.255	3.472	0.0	1.868	0.0	1.922	0.0	0.0	2.187	0.0	0.0	2.238	0.0	
27	2173	2174	NS	1	0.0	38.602	24.257	0.0	37.524	25.069	0.0	269.573	14.377	0.0	72.208	14.422	0.0	1.936	0.0	1.903	0.0	0.0	2.249	0.0	0.0	2.22	0.0	
28	2173	2174	SN	1	0.0	33.807	23.791	0.0	138.134	24.863	0.0	153.455	11.783	0.0	61.967	12.555	0.0	1.875	0.0	1.93	0.0	0.0	2.188	0.0	0.0	2.265	0.0	
29	2174	2175	NS	1	0.0	38.216	24.205	0.0	37.574	25.025	0.0	270.318	14.327	0.0	72.963	14.435	0.0	1.935	0.0	1.903	0.0	0.0	2.252	0.0	0.0	2.22	0.0	
30	2174	2175	NS	1	0.0	26.99	12.786	0.0	26.665	13.265	0.0	349.207	5.099	0.0	133.424	4.999	0.0	1.925	0.0	1.892	0.0	0.0	2.241	0.0	0.0	2.219	0.0	
31	2174	2175	SN	1	0.0	25.81	12.746	0.0	27.68	13.564	0.0	149.297	3.098	0.0	63.224	3.51	0.0	1.858	0.0	1.948	0.0	0.0	2.187	0.0	0.0	2.237	0.0	

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



32	2174	2175	SN	1	0.0	33.774	23.797	0.0	38.153	24.848	0.0	154.817	11.903	0.0	62.678	12.569	0.0	1.872	0.0	0.0	1.955	0.0	0.0	2.191	0.0	0.0	2.269	0.0
33	2175	2176	NS	1	0.0	27.023	12.809	0.0	26.66	13.255	0.0	349.417	5.063	0.0	140.224	4.985	0.0	1.925	0.0	0.0	1.891	0.0	0.0	2.242	0.0	0.0	2.219	0.0
34	2175	2176	NS	1	0.0	38.608	24.218	0.0	33.537	25.094	0.0	349.417	14.294	0.0	73.195	14.436	0.0	1.927	0.0	0.0	1.902	0.0	0.0	2.249	0.0	0.0	2.219	0.0
35	2175	2176	SN	1	0.0	37.441	23.839	0.0	38.142	24.892	0.0	150.096	11.884	0.0	56.882	12.662	0.0	1.872	0.0	0.0	1.927	0.0	0.0	2.19	0.0	0.0	2.266	0.0
36	2175	2176	SN	1	0.0	26.384	12.749	0.0	36.628	13.619	0.0	148.74	3.094	0.0	52.415	3.511	0.0	1.86	0.0	0.0	1.923	0.0	0.0	2.188	0.0	0.0	2.232	0.0
37	2176	2177	NS	1	0.0	26.99	12.81	0.0	26.654	13.255	0.0	353.123	5.067	0.0	141.443	4.912	0.0	1.925	0.0	0.0	1.891	0.0	0.0	2.242	0.0	0.0	2.218	0.0
38	2176	2177	SN	1	0.0	30.978	23.778	0.0	38.227	24.916	0.0	170.915	11.98	0.0	63.902	12.802	0.0	1.876	0.0	0.0	1.934	0.0	0.0	2.191	0.0	0.0	2.262	0.0
39	2176	2177	NS	1	0.0	38.575	24.184	0.0	33.493	25.125	0.0	349.516	14.273	0.0	81.473	14.386	0.0	1.926	0.0	0.0	1.903	0.0	0.0	2.249	0.0	0.0	2.218	0.0
40	2176	2177	SN	1	0.0	25.838	12.772	0.0	27.707	13.637	0.0	147.664	3.099	0.0	69.71	3.547	0.0	1.863	0.0	0.0	1.936	0.0	0.0	2.188	0.0	0.0	2.232	0.0
41	2177	2178	NS	1	0.0	26.615	12.808	0.0	26.671	13.247	0.0	347.145	5.054	0.0	143.826	4.929	0.0	1.924	0.0	0.0	1.89	0.0	0.0	2.241	0.0	0.0	2.218	0.0
42	2177	2178	SN	1	0.0	26.196	12.764	0.0	27.702	13.566	0.0	160.691	3.12	0.0	52.547	3.52	0.0	1.86	0.0	0.0	1.924	0.0	0.0	2.188	0.0	0.0	2.241	0.0
43	2177	2178	NS	1	0.0	38.608	24.184	0.0	33.487	25.025	0.0	347.145	14.244	0.0	75.004	14.378	0.0	1.938	0.0	0.0	1.902	0.0	0.0	2.249	0.0	0.0	2.218	0.0
44	2177	2178	SN	1	0.0	33.779	23.867	0.0	38.169	24.859	0.0	166.663	11.935	0.0	58.123	12.675	0.0	1.873	0.0	0.0	1.944	0.0	0.0	2.19	0.0	0.0	2.264	0.0
45	2178	2179	SN	1	0.0	26.141	12.793	0.0	27.696	13.57	0.0	173.48	3.115	0.0	63.764	3.532	0.0	1.867	0.0	0.0	1.925	0.0	0.0	2.187	0.0	0.0	2.241	0.0
46	2178	2179	SN	1	0.0	33.763	23.911	0.0	38.125	24.84	0.0	151.955	11.95	0.0	39.438	12.724	0.0	1.874	0.0	0.0	1.954	0.0	0.0	2.189	0.0	0.0	2.265	0.0
47	2178	2179	NS	1	0.0	38.569	24.186	0.0	33.476	25.085	0.0	357.805	14.301	0.0	84.766	14.393	0.0	1.936	0.0	0.0	1.904	0.0	0.0	2.249	0.0	0.0	2.218	0.0
48	2178	2179	NS	1	0.0	27.023	12.821	0.0	26.66	13.236	0.0	341.503	5.05	0.0	140.842	4.91	0.0	1.926	0.0	0.0	1.893	0.0	0.0	2.241	0.0	0.0	2.218	0.0
49	2179	2180	SN	1	0.0	25.909	12.818	0.0	27.713	13.561	0.0	168.869	3.094	0.0	68.921	3.501	0.0	1.862	0.0	0.0	1.925	0.0	0.0	2.185	0.0	0.0	2.239	0.0
50	2179	2180	NS	1	0.0	26.99	12.833	0.0	26.654	13.258	0.0	348.071	5.089	0.0	134.191	4.963	0.0	1.925	0.0	0.0	1.889	0.0	0.0	2.242	0.0	0.0	2.218	0.0
51	2179	2180	SN	1	0.0	33.222	23.915	0.0	38.316	24.815	0.0	168.869	11.915	0.0	47.528	12.688	0.0	1.875	0.0	0.0	1.96	0.0	0.0	2.187	0.0	0.0	2.262	0.0
52	2179	2180	NS	1	0.0	38.564	24.282	0.0	33.432	25.1	0.0	124.802	14.329	0.0	74.171	14.361	0.0	1.938	0.0	0.0	1.902	0.0	0.0	2.25	0.0	0.0	2.219	0.0
53	2180	2181	NS	1	0.0	27.001	12.812	0.0	26.676	13.278	0.0	345.865	5.069	0.0	177.28	4.949	0.0	1.925	0.0	0.0	1.891	0.0	0.0	2.242	0.0	0.0	2.218	0.0
54	2180	2181	SN	1	0.0	26.141	12.762	0.0	27.713	13.583	0.0	162.003	3.066	0.0	63.704	3.503	0.0	1.867	0.0	0.0	1.943	0.0	0.0	2.186	0.0	0.0	2.233	0.0
55	2180	2181	NS	1	0.0	38.553	24.29	0.0	33.404	25.127	0.0	97.674	14.265	0.0	82.416	14.354	0.0	1.936	0.0	0.0	1.901	0.0	0.0	2.25	0.0	0.0	2.22	0.0
56	2180	2181	SN	1	0.0	33.233	23.858	0.0	38.31	24.83	0.0	162.24	11.893	0.0	40.078	12.637	0.0	1.875	0.0	0.0	1.969	0.0	0.0	2.189	0.0	0.0	2.261	0.0
57	2181	2182	SN	1	0.0	26.185	12.778	0.0	27.713	13.595	0.0	160.85	3.046	0.0	71.701	3.505	0.0	1.861	0.0	0.0	1.924	0.0	0.0	2.186	0.0	0.0	2.233	0.0
58	2181	2182	NS	1	0.0	27.007	12.835	0.0	26.665	13.267	0.0	346.053	5.049	0.0	157.685	4.965	0.0	1.925	0.0	0.0	1.89	0.0	0.0	2.242	0.0	0.0	2.218	0.0
59	2181	2182	SN	1	0.0	33.868	23.785	0.0	38.36	24.877	0.0	161.115	11.862	0.0	41.98	12.629	0.0	1.874	0.0	0.0	1.968	0.0	0.0	2.188	0.0	0.0	2.263	0.0
60	2181	2182	NS	1	0.0	38.547	24.244	0.0	33.443	25.131	0.0	348.049	14.284	0.0	83.486	14.389	0.0	1.933	0.0	0.0	1.9	0.0	0.0	2.249	0.0	0.0	2.219	0.0
61	2182	2183	NS	1	0.0	26.93	12.807	0.0	26.593	13.273	0.0	347.586	5.033	0.0	151.337	4.979	0.0	1.926	0.0	0.0	1.889	0.0	0.0	2.242	0.0	0.0	2.219	0.0
62	2182	2183	SN	1	0.0	26.13	12.801	0.0	27.685	13.58	0.0	170.882	3.078	0.0	70.156	3.514	0.0	1.868	0.0	0.0	1.924	0.0	0.0	2.186	0.0	0.0	2.229	0.0
63	2182	2183	SN	1	0.0	33.84	23.822	0.0	38.349	24.869	0.0	168.45	11.882	0.0	42.228	12.622	0.0	1.873	0.0	0.0	1.953	0.0	0.0	2.188	0.0	0.0	2.264	0.0
64	2182	2183	NS	1	0.0	38.569	24.211	0.0	34.386	25.087	0.0	350.034	14.344	0.0	79.416	14.4	0.0	1.933	0.0	0.0	1.9	0.0	0.0	2.249	0.0	0.0	2.219	0.0
65	2183	2184	SN	1	0.0	26.34	12.802	0.0	27.68	13.603	0.0	186.319	3.078	0.0	70.691	3.522	0.0	1.862	0.0	0.0	1.925	0.0	0.0	2.184	0.0	0.0	2.243	0.0
66	2183	2184	NS	1	0.0	38.536	24.209	0.0	33.421	25.104	0.0	359.316	14.265	0.0	79.653	14.372	0.0	1.928	0.0	0.0	1.899	0.0	0.0	2.249	0.0	0.0	2.219	0.0
67	2183	2184	SN	1	0.0	33.167	23.869	0.0	113.761	24.886	0.0	174.142	11.915	0.0	52.37	12.672	0.0	1.874	0.0	0.0	1.95	0.0	0.0	2.188	0.0	0.0	2.264	0.0
68	2184	2185	NS	1	0.0	26.842	12.826	0.0	25.921	13.258	0.0	310.293	5.102	0.0	14.074	4.896	0.0	1.925	0.0	0.0	1.892	0.0	0.0	2.244	0.0	0.0	2.218	0.0

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

69	2185	2186	SN	1	0.0	25.954	12.807	0.0	27.608	13.625	0.0	157.9	3.093	0.0	64.531	3.52	0.0	1.867	0.0	0.0	1.927	0.0	0.0	2.186	0.0	0.0	2.244	0.0
70	2185	2186	SN	1	0.0	33.829	23.834	0.0	38.249	24.904	0.0	153.085	11.918	0.0	42.852	12.696	0.0	1.873	0.0	0.0	1.963	0.0	0.0	2.19	0.0	0.0	2.255	0.0
71	2186	2187	NS	1	0.0	38.147	24.624	0.0	29.957	24.54	0.0	291.211	14.984	0.0	15.453	13.937	0.0	1.938	0.0	0.0	1.901	0.0	0.0	2.251	0.0	0.0	2.22	0.0
72	2186	2187	NS	1	0.0	26.781	12.944	0.0	25.921	13.304	0.0	310.652	5.319	0.0	14.091	4.994	0.0	1.927	0.0	0.0	1.89	0.0	0.0	2.243	0.0	0.0	2.218	0.0

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