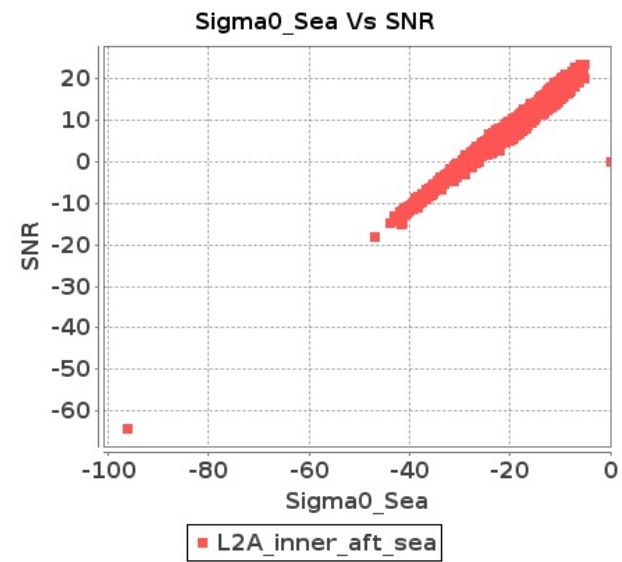


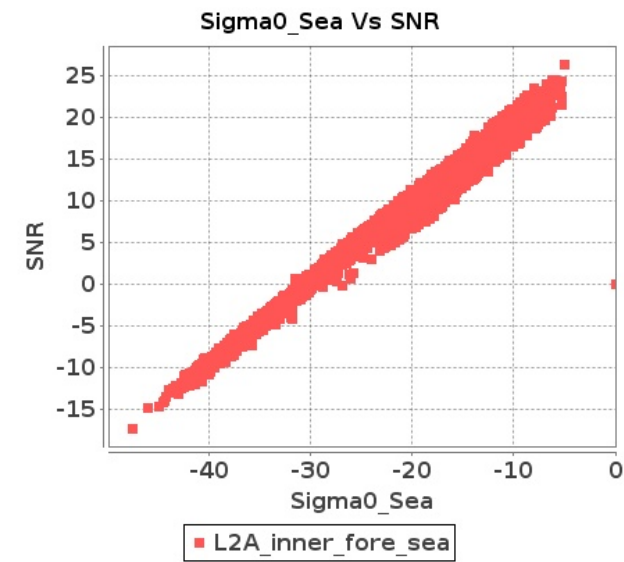
SCATSAT-1 Scatterometer Level-2A Data Quality Cycle wise Report

Report between 08-JAN-2018 To 09-JAN-2018

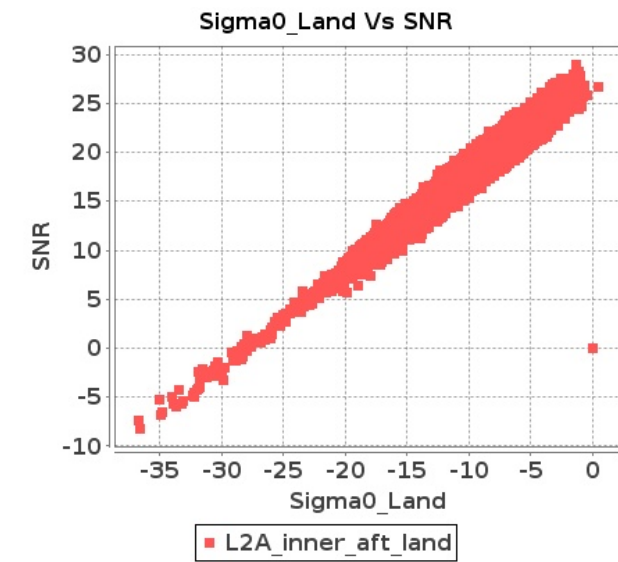
Inner Sea Aft Sigma0VsSNR



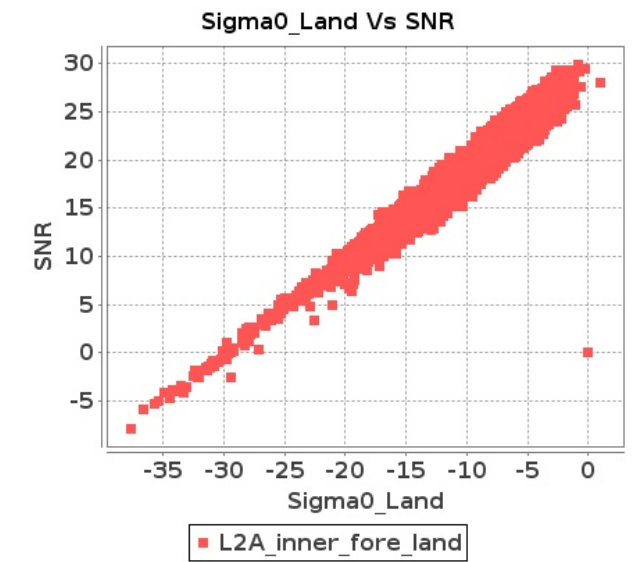
Inner Sea Fore Sigma0VsSNR



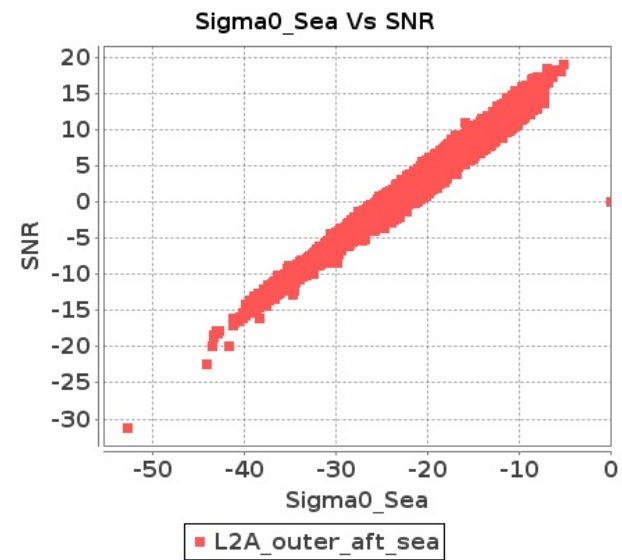
Inner Land Aft Sigma0VsSNR



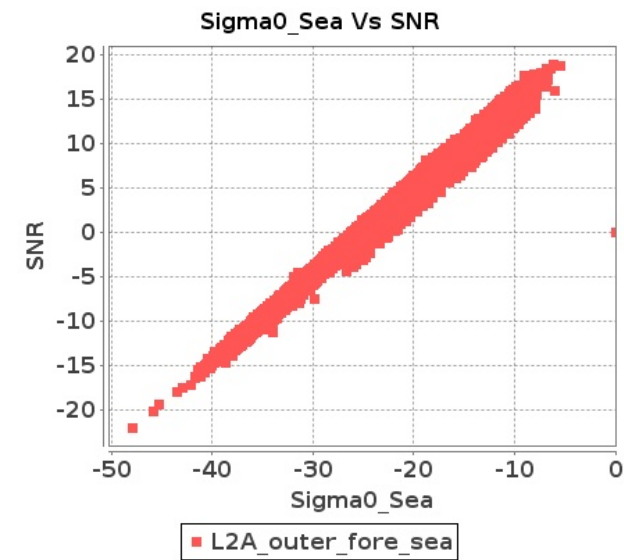
Inner Land Fore Sigma0VsSNR



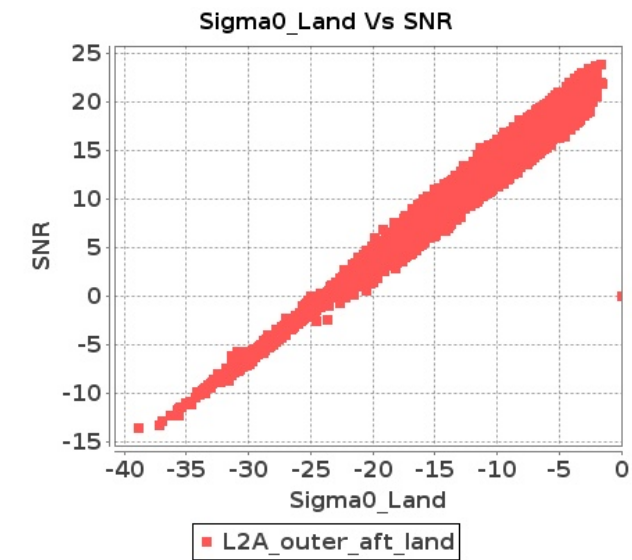
Outer Sea Aft Sigma0VsSNR



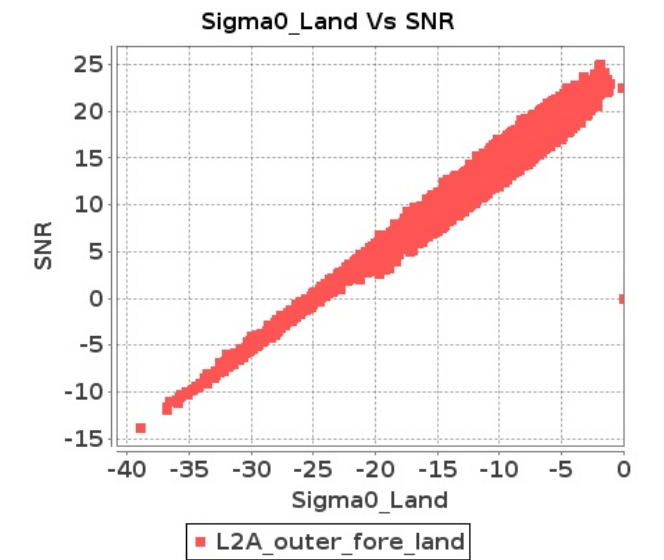
Outer Sea Fore Sigma0VsSNR



Outer Land Aft Sigma0VsSNR



Outer Land Fore Sigma0VsSNR



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

Report between 08-JAN-2018 To 09-JAN-2018

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	6812	6813	SN	1	0.0	48.079	7.459	0.0	51.254	6.746	0.0	44.705	5.024	0.0	45.155	5.189	0.0	50.622	6.69	0.0	51.6	6.299	0.0	44.935	4.784	0.0	45.236	4.657
2	6812	6813	SN	1	0.0	48.079	7.458	0.0	51.254	6.595	0.0	44.705	5.024	0.0	45.155	5.07	0.0	50.622	6.69	0.0	51.6	6.157	0.0	44.935	4.784	0.0	45.236	4.549
3	6812	6813	SN	1	0.0	48.115	2.0	0.0	47.349	1.847	0.0	44.848	1.524	0.0	40.013	1.517	0.0	45.679	1.785	0.0	48.865	1.698	0.0	46.841	1.399	0.0	40.935	1.355
4	6812	6813	SN	1	0.0	48.115	2.0	0.0	47.349	1.89	0.0	44.848	1.524	0.0	40.013	1.552	0.0	45.679	1.785	0.0	48.865	1.737	0.0	46.841	1.399	0.0	40.935	1.387
5	6812	6813	NS	1	0.0	51.555	2.725	0.0	48.092	2.369	0.0	43.236	1.642	0.0	41.395	1.493	0.0	50.784	2.315	0.0	46.39	2.108	0.0	42.775	1.368	0.0	37.918	1.252
6	6812	6813	NS	1	0.0	54.38	8.63	0.0	55.421	8.149	0.0	47.683	5.58	0.0	50.923	5.454	0.0	53.554	7.568	0.0	54.981	7.236	0.0	45.647	4.921	0.0	48.889	4.679
7	6813	6814	SN	1	0.0	42.71	2.71	0.0	47.997	2.494	0.0	42.68	2.239	0.0	49.14	2.078	0.0	44.228	2.653	0.0	49.338	2.409	0.0	41.231	2.199	0.0	44.655	2.062
8	6813	6814	SN	1	0.0	42.71	2.674	0.0	47.997	2.465	0.0	42.68	2.209	0.0	49.14	2.054	0.0	44.228	2.618	0.0	49.338	2.382	0.0	41.231	2.17	0.0	44.655	2.038
9	6813	6814	NS	1	0.0	48.848	7.454	0.0	58.537	7.226	0.0	45.969	5.942	0.0	45.572	6.258	0.0	48.268	7.444	0.0	58.382	7.155	0.0	46.429	5.978	0.0	44.922	6.315
10	6813	6814	NS	1	0.0	46.921	7.549	0.0	58.537	7.572	0.0	46.647	5.745	0.0	46.76	6.055	0.0	49.247	7.61	0.0	57.044	7.409	0.0	48.53	6.035	0.0	50.236	6.084
11	6813	6814	NS	1	0.0	47.532	2.709	0.0	45.87	2.662	0.0	40.528	1.963	0.0	46.308	1.912	0.0	49.624	2.578	0.0	45.006	2.61	0.0	41.866	2.008	0.0	45.857	1.896
12	6813	6814	SN	1	0.0	48.485	7.269	0.0	46.989	6.935	0.0	41.449	6.154	0.0	49.295	6.06	0.0	48.461	7.639	0.0	48.092	6.842	0.0	41.651	6.32	0.0	46.108	6.342
13	6813	6814	NS	1	0.0	44.107	2.667	0.0	50.977	2.428	0.0	40.669	2.008	0.0	40.569	1.958	0.0	43.835	2.642	0.0	47.676	2.44	0.0	38.198	1.975	0.0	41.466	1.94
14	6813	6814	SN	1	0.0	48.485	7.268	0.0	46.989	6.917	0.0	41.449	6.154	0.0	49.295	6.044	0.0	48.461	7.639	0.0	48.092	6.824	0.0	41.651	6.32	0.0	46.108	6.325
15	6813	6814	SN	1	0.0	42.71	2.71	0.0	47.997	2.494	0.0	42.68	2.239	0.0	49.14	2.078	0.0	44.228	2.653	0.0	49.338	2.409	0.0	41.231	2.199	0.0	44.655	2.062
16	6813	6814	SN	1	0.0	48.485	7.173	0.0	46.989	6.846	0.0	41.449	6.074	0.0	49.295	5.982	0.0	48.461	7.539	0.0	48.092	6.755	0.0	41.651	6.237	0.0	46.108	6.26
17	6814	6815	NS	1	0.0	44.888	5.697	0.0	48.129	5.541	0.0	42.417	4.149	0.0	42.555	4.331	0.0	47.927	4.867	0.0	51.765	4.628	0.0	39.05	3.681	0.0	40.916	3.741
18	6814	6815	SN	1	0.0	43.478	2.009	0.0	44.342	1.878	0.0	39.862	1.486	0.0	39.951	1.721	0.0	42.269	1.731	0.0	44.082	1.593	0.0	38.829	1.326	0.0	35.217	1.515
19	6814	6815	NS	1	0.0	41.155	1.944	0.0	44.908	1.772	0.0	42.96	1.414	0.0	42.072	1.385	0.0	39.131	1.568	0.0	47.632	1.531	0.0	39.741	1.2	0.0	40.133	1.123
20	6814	6815	SN	1	0.0	50.54	5.79	0.0	42.414	5.145	0.0	38.802	4.153	0.0	42.976	4.83	0.0	47.144	5.543	0.0	43.136	4.669	0.0	37.714	3.944	0.0	40.256	4.388
21	6814	6815	SN	1	0.0	50.54	5.704	0.0	42.414	5.066	0.0	38.802	4.09	0.0	42.976	4.763	0.0	47.144	5.46	0.0	43.136	4.598	0.0	37.714	3.883	0.0	40.256	4.321
22	6814	6815	SN	1	0.0	43.478	1.979	0.0	44.342	1.854	0.0	39.862	1.466	0.0	39.951	1.696	0.0	42.269	1.705	0.0	44.082	1.57	0.0	38.829	1.307	0.0	35.217	1.493
23	6815	6816	SN	1	0.0	39.906	1.808	0.0	40.496	1.604	0.0	39.178	1.456	0.0	40.117	1.431	0.0	41.149	1.614	0.0	40.445	1.471	0.0	37.761	1.309	0.0	39.02	1.251
24	6815	6816	SN	1	0.0	49.343	5.783	0.0	43.287	5.128	0.0	39.73	4.075	0.0	38.375	4.114	0.0	48.935	5.205	0.0	41.953	4.63	0.0	36.363	3.797	0.0	40.063	3.765
25	6815	6816	NS	1	0.0	49.993	5.361	0.0	49.122	5.562	0.0	42.278	3.517	0.0	42.51	3.863	0.0	51.25	4.713	0.0	51.412	4.689	0.0	41.966	3.311	0.0	42.401	3.464
26	6815	6816	SN	1	0.0	49.343	5.923	0.0	43.287	5.248	0.0	39.73	4.154	0.0	38.375	4.197	0.0	48.935	5.331	0.0	41.953	4.738	0.0	36.363	3.891	0.0	40.063	3.846
27	6815	6816	NS	1	0.0	45.479	5.411	0.0	53.76	5.583	0.0	42.009	3.538	0.0	47.793	3.863	0.0	46.932	4.763	0.0	55.952	4.73	0.0	41.879	3.304	0.0	45.71	3.407
28	6815	6816	NS	1	0.0	43.107	1.612	0.0	52.866	1.694	0.0	41.334	1.01	0.0	39.39	1.111	0.0	43.28	1.373	0.0	48.333	1.439	0.0	40.592	0.906	0.0	36.161	0.981
29	6815	6816	NS	1	0.0	41.754	1.599	0.0	49.823	1.691	0.0	42.266	1.001	0.0	37.587	1.116	0.0	41.728	1.369	0.0	46.137	1.457	0.0	41.524	0.895	0.0	36.678	0.985
30	6815	6816	SN	1	0.0	39.906	1.853	0.0	40.496	1.642	0.0	39.178	1.483	0.0	40.117	1.459	0.0	41.149	1.654	0.0	40.445	1.505	0.0	37.761	1.334	0.0	39.02	1.281
31	6816	6817	NS	1	0.0	53.837	4.594	0.0	51.079	4.647	0.0	45.683	3.433	0.0	46.108	4.116	0.0	51.956	3.965	0.0	47.739	4.063	0.0	42.437	3.039	0.0	42.736	3.568

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

32	6816	6817	SN	1	0.0	47.108	7.214	0.0	48.123	5.739	0.0	38.367	5.127	0.0	40.304	4.592	0.0	46.383	6.615	0.0	45.993	5.23	0.0	39.957	4.97	0.0	39.795	4.285
33	6816	6817	NS	1	0.0	49.906	1.738	0.0	49.724	1.576	0.0	40.893	1.134	0.0	42.813	1.352	0.0	48.388	1.364	0.0	45.995	1.312	0.0	36.929	0.994	0.0	41.011	1.111
34	6816	6817	NS	1	0.0	49.156	1.545	0.0	43.861	1.344	0.0	38.448	1.13	0.0	38.547	1.239	0.0	49.454	1.21	0.0	44.802	1.116	0.0	35.36	0.965	0.0	37.664	1.032
35	6816	6817	NS	1	0.0	48.452	5.188	0.0	47.829	5.42	0.0	47.982	3.659	0.0	44.031	4.361	0.0	49.156	4.511	0.0	47.22	4.73	0.0	46.909	3.191	0.0	45.011	3.791
36	6816	6817	SN	1	0.0	42.476	2.267	0.0	40.672	1.758	0.0	39.99	1.719	0.0	47.21	1.502	0.0	42.442	2.059	0.0	38.602	1.53	0.0	36.473	1.513	0.0	44.273	1.303
37	6817	6818	SN	1	0.0	47.982	9.138	0.0	54.431	8.019	0.0	43.797	6.394	0.0	46.684	6.511	0.0	48.771	8.58	0.0	54.284	7.621	0.0	43.794	6.258	0.0	45.027	6.194
38	6817	6818	SN	1	0.0	47.982	8.671	0.0	54.431	7.641	0.0	43.797	6.076	0.0	46.684	6.189	0.0	48.771	8.123	0.0	54.284	7.234	0.0	43.794	5.934	0.0	45.027	5.875
39	6817	6818	NS	1	0.0	50.573	7.886	0.0	52.733	6.589	0.0	52.245	5.826	0.0	46.204	5.65	0.0	49.401	6.794	0.0	50.427	5.665	0.0	48.14	5.061	0.0	45.259	4.853
40	6817	6818	NS	1	0.0	53.996	2.787	0.0	42.929	2.204	0.0	43.299	2.039	0.0	48.201	1.753	0.0	51.519	2.134	0.0	39.423	1.845	0.0	46.351	1.694	0.0	47.865	1.398
41	6817	6818	SN	1	0.0	45.324	2.692	0.0	51.141	2.311	0.0	40.194	2.072	0.0	40.401	1.971	0.0	48.313	2.42	0.0	51.739	2.044	0.0	41.418	1.971	0.0	41.877	1.855
42	6817	6818	SN	1	0.0	45.324	2.842	0.0	51.141	2.436	0.0	40.194	2.178	0.0	40.401	2.078	0.0	48.313	2.558	0.0	51.739	2.154	0.0	41.418	2.078	0.0	41.877	1.958
43	6818	6819	SN	1	0.0	51.705	2.501	0.0	44.227	2.291	0.0	43.404	1.668	0.0	40.332	1.765	0.0	49.291	2.352	0.0	45.446	2.092	0.0	42.35	1.631	0.0	41.537	1.633
44	6818	6819	NS	1	0.0	49.139	7.141	0.0	47.745	6.544	0.0	45.974	4.905	0.0	40.613	4.992	0.0	47.872	6.352	0.0	50.014	5.509	0.0	47.373	4.65	0.0	41.922	4.274
45	6818	6819	NS	1	0.0	56.39	7.211	0.0	45.412	6.524	0.0	45.633	5.026	0.0	42.951	5.241	0.0	56.97	6.463	0.0	46.27	5.53	0.0	44.647	4.643	0.0	41.913	4.544
46	6818	6819	SN	1	0.0	54.212	2.47	0.0	48.868	2.344	0.0	42.731	1.698	0.0	39.911	1.77	0.0	51.789	2.293	0.0	46.806	2.103	0.0	41.676	1.677	0.0	40.22	1.642
47	6818	6819	SN	1	0.0	53.876	7.937	0.0	48.502	7.775	0.0	52.621	5.364	0.0	47.46	5.882	0.0	51.884	7.552	0.0	48.275	7.246	0.0	50.139	5.463	0.0	45.78	5.576
48	6818	6819	SN	1	0.0	51.705	2.662	0.0	44.227	2.412	0.0	43.404	1.791	0.0	40.332	1.862	0.0	49.291	2.508	0.0	45.446	2.204	0.0	42.35	1.755	0.0	41.537	1.731
49	6818	6819	NS	1	0.0	45.818	2.299	0.0	53.583	1.952	0.0	41.583	1.735	0.0	41.749	1.681	0.0	42.385	1.896	0.0	49.441	1.679	0.0	43.066	1.544	0.0	38.892	1.424
50	6818	6819	SN	1	0.0	54.027	7.897	0.0	49.753	7.705	0.0	49.725	5.442	0.0	51.64	5.84	0.0	55.578	7.481	0.0	48.613	7.125	0.0	48.98	5.52	0.0	51.656	5.633
51	6818	6819	SN	1	0.0	54.027	8.324	0.0	49.753	8.022	0.0	49.725	5.802	0.0	51.64	6.063	0.0	55.578	7.864	0.0	48.613	7.418	0.0	48.98	5.933	0.0	51.656	5.894
52	6818	6819	NS	1	0.0	47.972	2.367	0.0	47.077	1.972	0.0	44.787	1.719	0.0	37.591	1.716	0.0	45.603	1.97	0.0	45.076	1.745	0.0	45.194	1.525	0.0	38.605	1.458
53	6819	6820	NS	1	0.0	50.65	1.585	0.0	44.982	1.375	0.0	38.712	1.206	0.0	47.726	1.245	0.0	48.655	1.308	0.0	44.112	1.096	0.0	38.656	1.033	0.0	46.852	1.027
54	6819	6820	SN	1	0.0	47.511	6.334	0.0	50.92	5.445	0.0	45.109	4.204	0.0	47.163	3.851	0.0	46.749	5.675	0.0	51.888	4.641	0.0	44.495	3.941	0.0	45.56	3.309
55	6819	6820	SN	1	0.0	47.511	6.345	0.0	50.92	5.445	0.0	45.109	4.204	0.0	47.163	3.851	0.0	46.749	5.675	0.0	51.888	4.641	0.0	44.495	3.941	0.0	45.56	3.309
56	6819	6820	NS	1	0.0	47.843	4.703	0.0	46.786	3.998	0.0	41.585	3.842	0.0	51.826	3.726	0.0	49.643	3.783	0.0	46.865	3.267	0.0	41.617	3.481	0.0	49.315	3.129
57	6819	6820	NS	1	0.0	49.092	4.794	0.0	46.21	3.876	0.0	43.678	3.821	0.0	51.312	3.655	0.0	48.433	3.833	0.0	45.657	3.277	0.0	44.445	3.516	0.0	48.966	3.108
58	6819	6820	SN	1	0.0	49.468	2.123	0.0	48.268	1.589	0.0	36.665	1.327	0.0	40.313	0.996	0.0	50.745	1.864	0.0	46.063	1.317	0.0	37.398	1.161	0.0	37.657	0.853
59	6819	6820	SN	1	0.0	49.468	1.981	0.0	48.268	1.566	0.0	36.665	1.237	0.0	40.313	0.992	0.0	50.745	1.735	0.0	46.063	1.312	0.0	37.398	1.08	0.0	37.657	0.848
60	6819	6820	SN	1	0.0	49.468	1.981	0.0	48.268	1.566	0.0	36.665	1.237	0.0	40.313	0.994	0.0	50.745	1.735	0.0	46.063	1.312	0.0	37.398	1.08	0.0	37.657	0.849
61	6819	6820	SN	1	0.0	47.511	6.67	0.0	50.92	5.439	0.0	45.109	4.465	0.0	47.163	3.83	0.0	46.749	5.946	0.0	51.888	4.623	0.0	44.495	4.22	0.0	45.56	3.353
62	6819	6820	NS	1	0.0	45.805	1.592	0.0	44.56	1.362	0.0	41.91	1.189	0.0	38.427	1.204	0.0	44.217	1.324	0.0	43.861	1.102	0.0	44.48	1.063	0.0	36.827	1.013
63	6820	6821	NS	1	0.0	46.04	3.522	0.0	52.032	2.967	0.0	37.858	2.341	0.0	45.725	2.283	0.0	45.34	3.171	0.0	52.989	2.647	0.0	37.733	2.145	0.0	45.705	2.053
64	6820	6821	SN	1	0.0	42.891	1.876	0.0	51.396	1.736	0.0	38.817	1.479	0.0	42.668	1.552	0.0	42.233	1.732	0.0	51.363	1.69	0.0	38.434	1.403	0.0	43.691	1.433
65	6820	6821	NS	1	0.0	46.04	3.522	0.0	52.032	2.967	0.0	37.858	2.341	0.0	45.725	2.283	0.0	45.34	3.171	0.0	52.989	2.647	0.0	37.733	2.145	0.0	45.705	2.053
66	6820	6821	SN	1	0.0	41.922	6.241	0.0	48.652	5.87	0.0	46.311	4.31	0.0	41.755	4.542	0.0	41.921	6.16	0.0	47.255	5.585	0.0	47.22	4.403	0.0	41.838	4.449
67	6820	6821	NS	1	0.0	51.317	10.086	0.0	50.483	8.605	0.0	46.757	7.098	0.0	44.02	7.154	0.0	51.423	9.084	0.0	48.255	7.996	0.0	47.284	6.906	0.0	45.32	6.571

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

68	6820	6821	NS	1	0.0	51.317	10.086	0.0	50.483	8.605	0.0	46.757	7.098	0.0	44.02	7.154	0.0	51.423	9.084	0.0	48.255	7.996	0.0	47.284	6.906	0.0	45.32	6.571
69	6821	6822	SN	1	0.0	49.594	2.163	0.0	42.932	1.616	0.0	41.664	1.46	0.0	40.403	1.387	0.0	45.37	1.89	0.0	42.573	1.443	0.0	39.258	1.288	0.0	37.119	1.193
70	6821	6822	NS	1	0.0	51.809	2.475	0.0	51.76	2.386	0.0	41.931	1.84	0.0	45.381	1.895	0.0	52.117	2.123	0.0	49.582	2.151	0.0	37.85	1.638	0.0	44.379	1.642
71	6821	6822	NS	1	0.0	56.196	7.037	0.0	47.74	6.834	0.0	48.248	5.524	0.0	44.352	5.598	0.0	58.271	6.44	0.0	46.608	6.247	0.0	43.945	5.049	0.0	48.391	5.208
72	6821	6822	SN	1	0.0	49.711	7.174	0.0	53.102	5.585	0.0	45.564	4.566	0.0	47.853	4.577	0.0	51.098	6.332	0.0	54.908	5.005	0.0	44.38	4.189	0.0	49.343	4.178
73	6822	6823	NS	1	0.0	41.927	2.87	0.0	42.577	2.56	0.0	39.602	1.892	0.0	45.923	2.082	0.0	39.073	2.428	0.0	40.487	2.188	0.0	35.183	1.691	0.0	46.54	1.806
74	6822	6823	NS	1	0.0	44.761	8.456	0.0	44.673	7.937	0.0	38.254	5.826	0.0	42.852	6.271	0.0	44.568	7.479	0.0	44.861	7.07	0.0	38.204	5.363	0.0	39.782	5.491

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	6812	6813	SN	1	0.0	32.991	15.198	0.0	24.707	14.347	0.0	139.386	10.515	0.0	15.696	9.839	0.0	1.897	0.0	1.912	0.0	0.0	2.017	0.0	0.0	2.02	0.0	
2	6812	6813	SN	1	0.0	32.991	15.197	0.0	24.707	14.482	0.0	139.386	10.515	0.0	36.791	10.31	0.0	1.897	0.0	1.912	0.0	0.0	2.017	0.0	0.0	2.02	0.0	
3	6812	6813	SN	1	0.0	25.882	8.029	0.0	27.217	7.884	0.0	130.882	1.892	0.0	23.61	1.881	0.0	1.916	0.0	1.896	0.0	0.0	2.012	0.0	0.0	2.007	0.0	
4	6812	6813	SN	1	0.0	25.882	8.029	0.0	27.217	7.921	0.0	130.882	1.892	0.0	11.879	1.747	0.0	1.916	0.0	1.896	0.0	0.0	2.012	0.0	0.0	2.007	0.0	
5	6812	6813	NS	1	0.0	26.968	10.608	0.0	26.968	10.397	0.0	319.989	5.492	0.0	141.791	5.026	0.0	1.916	0.0	1.934	0.0	0.0	2.076	0.0	0.0	2.069	0.0	
6	6812	6813	NS	1	0.0	27.172	14.002	0.0	32.064	16.349	0.0	352.643	14.777	0.0	70.493	14.315	0.0	1.919	0.0	1.949	0.0	0.0	2.077	0.0	0.0	2.074	0.0	
7	6813	6814	SN	1	0.0	25.893	8.015	0.0	27.228	7.972	0.0	131.775	1.854	0.0	12.133	1.81	0.0	1.915	0.0	1.897	0.0	0.0	2.011	0.0	0.0	2.01	0.0	
8	6813	6814	SN	1	0.0	25.893	7.994	0.0	27.228	7.988	0.0	131.775	1.836	0.0	56.54	1.917	0.0	1.915	0.0	1.897	0.0	0.0	2.011	0.0	0.0	2.01	0.0	
9	6813	6814	NS	1	0.0	27.145	13.958	0.0	33.035	16.356	0.0	154.285	14.814	0.0	74.028	14.457	0.0	1.923	0.0	1.958	0.0	0.0	2.074	0.0	0.0	2.074	0.0	
10	6813	6814	NS	1	0.0	27.156	13.985	0.0	32.191	16.385	0.0	156.982	14.745	0.0	77.739	14.457	0.0	1.918	0.0	1.958	0.0	0.0	2.075	0.0	0.0	2.072	0.0	
11	6813	6814	NS	1	0.0	26.957	10.564	0.0	26.968	10.424	0.0	151.914	5.477	0.0	138.471	5.04	0.0	1.918	0.0	1.949	0.0	0.0	2.075	0.0	0.0	2.07	0.0	
12	6813	6814	SN	1	0.0	32.202	15.217	0.0	24.922	14.487	0.0	137.517	10.579	0.0	18.63	10.105	0.0	1.901	0.0	1.914	0.0	0.0	2.022	0.0	0.0	2.019	0.0	
13	6813	6814	NS	1	0.0	26.957	10.554	0.0	26.957	10.416	0.0	151.914	5.464	0.0	138.471	5.036	0.0	1.914	0.0	1.931	0.0	0.0	2.076	0.0	0.0	2.069	0.0	
14	6813	6814	SN	1	0.0	32.202	15.215	0.0	24.922	14.512	0.0	137.517	10.579	0.0	20.224	10.172	0.0	1.901	0.0	1.914	0.0	0.0	2.022	0.0	0.0	2.019	0.0	
15	6813	6814	SN	1	0.0	25.893	8.015	0.0	27.228	7.972	0.0	131.775	1.854	0.0	12.133	1.81	0.0	1.915	0.0	1.897	0.0	0.0	2.011	0.0	0.0	2.01	0.0	
16	6813	6814	SN	1	0.0	32.202	15.179	0.0	24.922	14.629	0.0	137.517	10.504	0.0	64.851	10.374	0.0	1.901	0.0	1.914	0.0	0.0	2.022	0.0	0.0	2.019	0.0	
17	6814	6815	NS	1	0.0	27.178	14.004	0.0	32.163	16.389	0.0	141.507	14.687	0.0	79.19	14.585	0.0	1.919	0.0	1.956	0.0	0.0	2.075	0.0	0.0	2.073	0.0	
18	6814	6815	SN	1	0.0	25.876	8.066	0.0	27.222	7.99	0.0	132.956	1.865	0.0	12.139	1.786	0.0	1.915	0.0	1.901	0.0	0.0	2.013	0.0	0.0	2.013	0.0	
19	6814	6815	NS	1	0.0	26.968	10.52	0.0	26.968	10.397	0.0	146.945	5.448	0.0	141.079	5.021	0.0	1.919	0.0	1.918	0.0	0.0	2.073	0.0	0.0	2.068	0.0	
20	6814	6815	SN	1	0.0	32.373	15.176	0.0	24.939	14.525	0.0	89.012	10.553	0.0	17.472	10.066	0.0	1.914	0.0	1.916	0.0	0.0	2.018	0.0	0.0	2.02	0.0	
21	6814	6815	SN	1	0.0	32.373	15.143	0.0	24.939	14.7	0.0	89.012	10.477	0.0	66.031	10.381	0.0	1.914	0.0	1.916	0.0	0.0	2.018	0.0	0.0	2.02	0.0	
22	6814	6815	SN	1	0.0	25.876	8.039	0.0	27.222	8.017	0.0	132.956	1.84	0.0	57.339	1.906	0.0	1.915	0.0	1.901	0.0	0.0	2.013	0.0	0.0	2.013	0.0	
23	6815	6816	SN	1	0.0	25.904	8.036	0.0	27.228	8.021	0.0	123.161	1.833	0.0	54.582	1.91	0.0	1.915	0.0	1.901	0.0	0.0	2.022	0.0	0.0	2.008	0.0	
24	6815	6816	SN	1	0.0	32.345	15.168	0.0	24.939	14.733	0.0	127.192	10.553	0.0	51.262	10.253	0.0	1.904	0.0	1.916	0.0	0.0	2.016	0.0	0.0	2.018	0.0	
25	6815	6816	NS	1	0.0	27.15	13.948	0.0	33.123	16.372	0.0	162.58	14.763	0.0	69.577	14.497	0.0	1.923	0.0	1.955	0.0	0.0	2.074	0.0	0.0	2.07	0.0	
26	6815	6816	SN	1	0.0	32.345	15.203	0.0	24.939	14.485	0.0	127.192	10.683	0.0	15.497	9.795	0.0	1.904	0.0	1.916	0.0	0.0	2.016	0.0	0.0	2.018	0.0	
27	6815	6816	NS	1	0.0	27.15	13.936	0.0	31.998	16.372	0.0	162.574	14.763	0.0	69.55	14.483	0.0	1.923	0.0	1.955	0.0	0.0	2.074	0.0	0.0	2.07	0.0	
28	6815	6816	NS	1	0.0	26.968	10.517	0.0	26.952	10.403	0.0	353.47	5.425	0.0	150.184	5.024	0.0	1.919	0.0	1.94	0.0	0.0	2.073	0.0	0.0	2.068	0.0	
29	6815	6816	NS	1	0.0	26.968	10.519	0.0	26.952	10.403	0.0	353.476	5.425	0.0	150.262	5.015	0.0	1.918	0.0	1.941	0.0	0.0	2.073	0.0	0.0	2.068	0.0	
30	6815	6816	SN	1	0.0	25.904	8.092	0.0	27.228	7.975	0.0	123.161	1.865	0.0	11.747	1.778	0.0	1.915	0.0	1.901	0.0	0.0	2.022	0.0	0.0	2.008	0.0	
31	6816	6817	NS	1	0.0	27.167	13.632	0.0	31.976	16.179	0.0	355.285	13.991	0.0	76.25	13.732	0.0	1.916	0.0	1.95	0.0	0.0	2.074	0.0	0.0	2.073	0.0	

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

32	6816	6817	SN	1	0.0	32.334	15.189	0.0	24.939	14.764	0.0	140.539	10.567	0.0	73.024	10.246	0.0	1.904	0.0	0.0	1.916	0.0	0.0	2.017	0.0	0.0	2.028	0.0
33	6816	6817	NS	1	0.0	26.963	10.533	0.0	26.963	10.373	0.0	355.285	5.363	0.0	147.565	5.018	0.0	1.918	0.0	0.0	1.937	0.0	0.0	2.072	0.0	0.0	2.067	0.0
34	6816	6817	NS	1	0.0	26.963	10.213	0.0	26.963	9.978	0.0	355.285	5.037	0.0	147.686	4.603	0.0	1.915	0.0	0.0	1.937	0.0	0.0	2.067	0.0	0.0	2.068	0.0
35	6816	6817	NS	1	0.0	27.172	13.966	0.0	31.97	16.403	0.0	355.285	14.798	0.0	76.201	14.462	0.0	1.923	0.0	0.0	1.949	0.0	0.0	2.076	0.0	0.0	2.073	0.0
36	6816	6817	SN	1	0.0	25.921	8.004	0.0	27.244	7.96	0.0	140.539	1.831	0.0	60.682	1.919	0.0	1.914	0.0	0.0	1.902	0.0	0.0	2.021	0.0	0.0	2.009	0.0
37	6817	6818	SN	1	0.0	32.412	15.24	0.0	24.68	14.296	0.0	85.67	10.839	0.0	114.191	9.337	0.0	1.921	0.0	0.0	1.916	0.0	0.0	2.019	0.0	0.0	2.006	0.0
38	6817	6818	SN	1	0.0	32.412	15.179	0.0	24.939	14.764	0.0	85.67	10.566	0.0	114.191	10.217	0.0	1.921	0.0	0.0	1.916	0.0	0.0	2.019	0.0	0.0	2.018	0.0
39	6817	6818	NS	1	0.0	27.172	14.033	0.0	32.163	16.386	0.0	191.969	14.772	0.0	80.756	14.466	0.0	1.912	0.0	0.0	1.953	0.0	0.0	2.077	0.0	0.0	2.073	0.0
40	6817	6818	NS	1	0.0	26.99	10.571	0.0	26.952	10.397	0.0	178.215	5.443	0.0	132.117	5.042	0.0	1.916	0.0	0.0	1.931	0.0	0.0	2.073	0.0	0.0	2.068	0.0
41	6817	6818	SN	1	0.0	25.882	7.999	0.0	27.228	7.962	0.0	69.175	1.87	0.0	140.167	1.903	0.0	1.914	0.0	0.0	1.899	0.0	0.0	2.021	0.0	0.0	2.008	0.0
42	6817	6818	SN	1	0.0	25.882	8.125	0.0	27.228	7.888	0.0	69.175	1.95	0.0	140.167	1.755	0.0	1.914	0.0	0.0	1.899	0.0	0.0	2.021	0.0	0.0	2.008	0.0
43	6818	6819	SN	1	0.0	25.876	7.983	0.0	27.222	7.928	0.0	140.158	1.851	0.0	43.375	1.902	0.0	1.915	0.0	0.0	1.903	0.0	0.0	2.011	0.0	0.0	2.01	0.0
44	6818	6819	NS	1	0.0	27.189	14.069	0.0	32.18	16.376	0.0	150.777	14.75	0.0	67.239	14.443	0.0	1.915	0.0	0.0	1.952	0.0	0.0	2.076	0.0	0.0	2.074	0.0
45	6818	6819	NS	1	0.0	27.183	14.039	0.0	32.18	16.386	0.0	150.888	14.722	0.0	72.991	14.422	0.0	1.916	0.0	0.0	1.951	0.0	0.0	2.077	0.0	0.0	2.073	0.0
46	6818	6819	SN	1	0.0	25.876	7.969	0.0	27.222	7.93	0.0	140.318	1.86	0.0	43.304	1.898	0.0	1.916	0.0	0.0	1.902	0.0	0.0	2.013	0.0	0.0	2.01	0.0
47	6818	6819	SN	1	0.0	32.191	15.114	0.0	24.884	14.736	0.0	93.06	10.493	0.0	54.317	10.139	0.0	1.922	0.0	0.0	1.917	0.0	0.0	2.016	0.0	0.0	2.016	0.0
48	6818	6819	SN	1	0.0	25.876	8.13	0.0	27.222	7.863	0.0	140.158	1.978	0.0	11.195	1.737	0.0	1.915	0.0	0.0	1.903	0.0	0.0	2.011	0.0	0.0	2.008	0.0
49	6818	6819	NS	1	0.0	26.974	10.628	0.0	26.963	10.367	0.0	137.519	5.478	0.0	166.222	5.069	0.0	1.915	0.0	0.0	1.927	0.0	0.0	2.073	0.0	0.0	2.069	0.0
50	6818	6819	SN	1	0.0	32.191	15.114	0.0	24.884	14.677	0.0	98.173	10.479	0.0	54.383	10.161	0.0	1.921	0.0	0.0	1.918	0.0	0.0	2.016	0.0	0.0	2.016	0.0
51	6818	6819	SN	1	0.0	32.191	15.267	0.0	24.674	14.099	0.0	98.173	10.95	0.0	13.479	9.199	0.0	1.921	0.0	0.0	1.918	0.0	0.0	2.016	0.0	0.0	2.011	0.0
52	6818	6819	NS	1	0.0	26.974	10.628	0.0	26.963	10.374	0.0	137.652	5.473	0.0	166.068	5.06	0.0	1.917	0.0	0.0	1.927	0.0	0.0	2.073	0.0	0.0	2.069	0.0
53	6819	6820	NS	1	0.0	26.99	10.651	0.0	26.968	10.365	0.0	351.728	5.51	0.0	119.648	5.074	0.0	1.916	0.0	0.0	1.92	0.0	0.0	2.074	0.0	0.0	2.071	0.0
54	6819	6820	SN	1	0.0	32.163	15.186	0.0	24.911	14.656	0.0	90.578	10.365	0.0	55.189	10.133	0.0	1.878	0.0	0.0	1.917	0.0	0.0	2.022	0.0	0.0	2.009	0.0
55	6819	6820	SN	1	0.0	32.163	15.186	0.0	24.911	14.656	0.0	90.578	10.365	0.0	55.189	10.133	0.0	1.878	0.0	0.0	1.917	0.0	0.0	2.022	0.0	0.0	2.009	0.0
56	6819	6820	NS	1	0.0	27.239	13.988	0.0	32.23	16.386	0.0	148.549	14.78	0.0	75.092	14.493	0.0	1.917	0.0	0.0	1.945	0.0	0.0	2.076	0.0	0.0	2.072	0.0
57	6819	6820	NS	1	0.0	27.244	13.998	0.0	32.235	16.366	0.0	148.434	14.766	0.0	75.203	14.507	0.0	1.916	0.0	0.0	1.946	0.0	0.0	2.076	0.0	0.0	2.073	0.0
58	6819	6820	SN	1	0.0	25.893	8.132	0.0	27.233	7.886	0.0	76.686	2.048	0.0	10.716	1.762	0.0	1.914	0.0	0.0	1.897	0.0	0.0	2.009	0.0	0.0	2.004	0.0
59	6819	6820	SN	1	0.0	25.893	7.954	0.0	27.233	7.94	0.0	76.686	1.857	0.0	59.402	1.895	0.0	1.914	0.0	0.0	1.902	0.0	0.0	2.009	0.0	0.0	2.01	0.0
60	6819	6820	SN	1	0.0	25.893	7.954	0.0	27.233	7.94	0.0	76.686	1.857	0.0	59.402	1.895	0.0	1.914	0.0	0.0	1.902	0.0	0.0	2.009	0.0	0.0	2.01	0.0
61	6819	6820	SN	1	0.0	32.163	15.419	0.0	24.663	14.04	0.0	90.578	11.049	0.0	12.982	8.98	0.0	1.878	0.0	0.0	1.896	0.0	0.0	2.022	0.0	0.0	2.006	0.0
62	6819	6820	NS	1	0.0	26.979	10.651	0.0	26.968	10.363	0.0	351.7	5.512	0.0	119.521	5.072	0.0	1.917	0.0	0.0	1.919	0.0	0.0	2.075	0.0	0.0	2.07	0.0
63	6820	6821	NS	1	0.0	26.979	10.657	0.0	26.968	10.366	0.0	323.237	5.538	0.0	138.829	5.069	0.0	1.918	0.0	0.0	1.938	0.0	0.0	2.073	0.0	0.0	2.073	0.0
64	6820	6821	SN	1	0.0	25.887	7.957	0.0	27.228	7.926	0.0	127.308	1.872	0.0	239.376	1.899	0.0	1.915	0.0	0.0	1.897	0.0	0.0	2.009	0.0	0.0	2.005	0.0
65	6820	6821	NS	1	0.0	26.979	10.657	0.0	26.968	10.366	0.0	323.237	5.538	0.0	138.829	5.069	0.0	1.918	0.0	0.0	1.938	0.0	0.0	2.073	0.0	0.0	2.073	0.0
66	6820	6821	SN	1	0.0	32.357	15.172	0.0	24.658	14.629	0.0	133.071	10.285	0.0	42.631	10.124	0.0	1.925	0.0	0.0	1.915	0.0	0.0	2.017	0.0	0.0	2.018	0.0
67	6820	6821	NS	1	0.0	27.205	13.991	0.0	32.086	16.317	0.0	352.687	14.72	0.0	77.927	14.493	0.0	1.922	0.0	0.0	1.949	0.0	0.0	2.076	0.0	0.0	2.074	0.0
68	6820	6821	NS	1	0.0	27.205	13.991	0.0	32.086	16.317	0.0	352.687	14.72	0.0	77.927	14.493	0.0	1.922	0.0	0.0	1.949	0.0	0.0	2.076	0.0	0.0	2.074	0.0

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

69	6821	6822	SN	1	0.0	25.86	7.952	0.0	27.211	7.924	0.0	134.014	1.84	0.0	54.372	1.896	0.0	1.915	0.0	0.0	1.901	0.0	0.0	2.012	0.0	0.0	2.006	0.0
70	6821	6822	NS	1	0.0	26.963	10.668	0.0	26.974	10.313	0.0	146.15	5.533	0.0	135.923	5.075	0.0	1.917	0.0	0.0	1.943	0.0	0.0	2.074	0.0	0.0	2.07	0.0
71	6821	6822	NS	1	0.0	27.255	13.881	0.0	31.959	16.402	0.0	153.772	14.82	0.0	149.638	14.41	0.0	1.923	0.0	0.0	1.959	0.0	0.0	2.076	0.0	0.0	2.073	0.0
72	6821	6822	SN	1	0.0	32.318	15.17	0.0	24.669	14.588	0.0	89.299	10.207	0.0	64.801	10.217	0.0	1.925	0.0	0.0	1.918	0.0	0.0	2.019	0.0	0.0	2.018	0.0
73	6822	6823	NS	1	0.0	26.968	10.704	0.0	26.974	10.349	0.0	138.054	5.522	0.0	16.997	5.031	0.0	1.918	0.0	0.0	1.933	0.0	0.0	2.074	0.0	0.0	2.07	0.0
74	6822	6823	NS	1	0.0	27.255	13.962	0.0	31.717	16.344	0.0	151.66	14.868	0.0	25.071	14.372	0.0	1.92	0.0	0.0	1.949	0.0	0.0	2.076	0.0	0.0	2.072	0.0

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