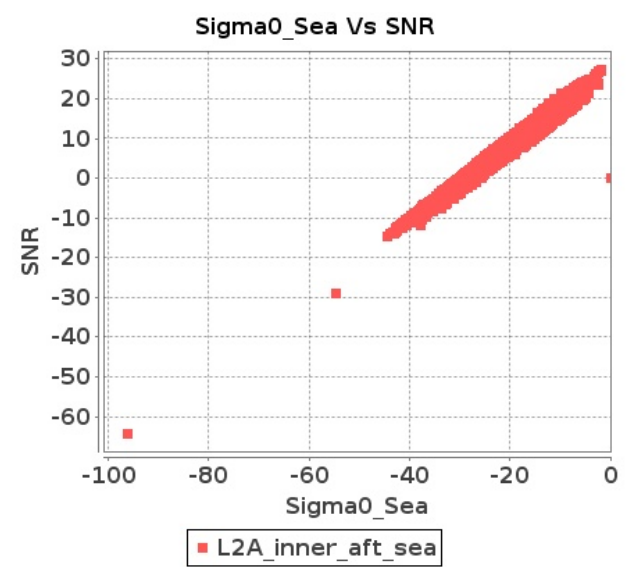


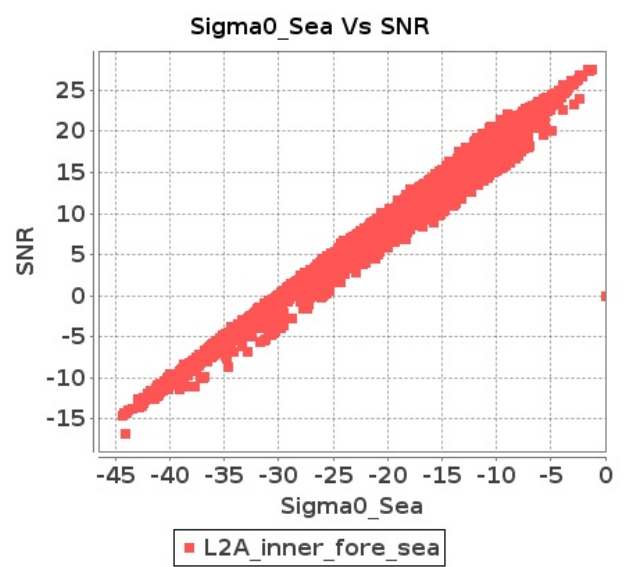
SCATSAT-1 Scatterometer Level-2A Data Quality Cycle wise Report

Report between 28-MAR-2017 To 29-MAR-2017

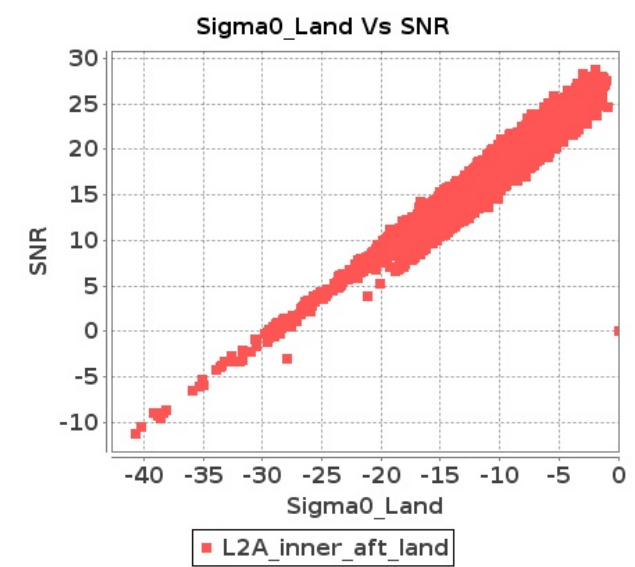
Inner Sea Aft Sigma0VsSNR



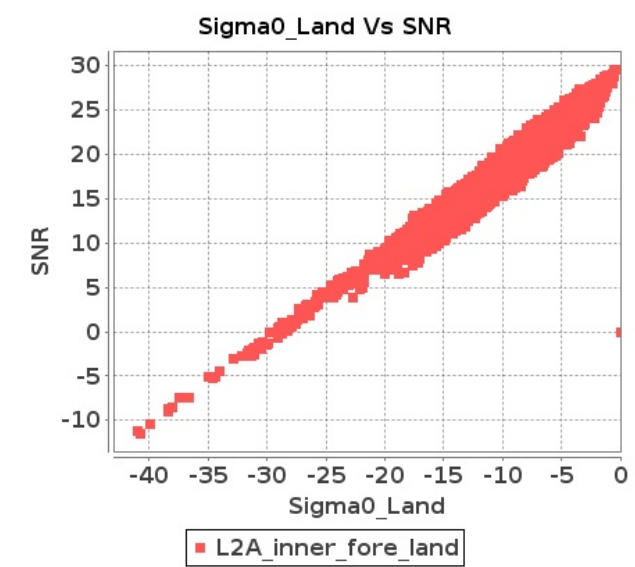
Inner Sea Fore Sigma0VsSNR



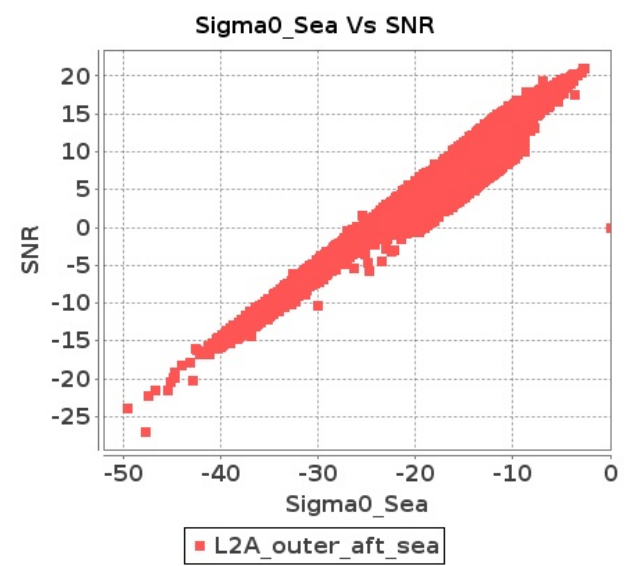
Inner Land Aft Sigma0VsSNR



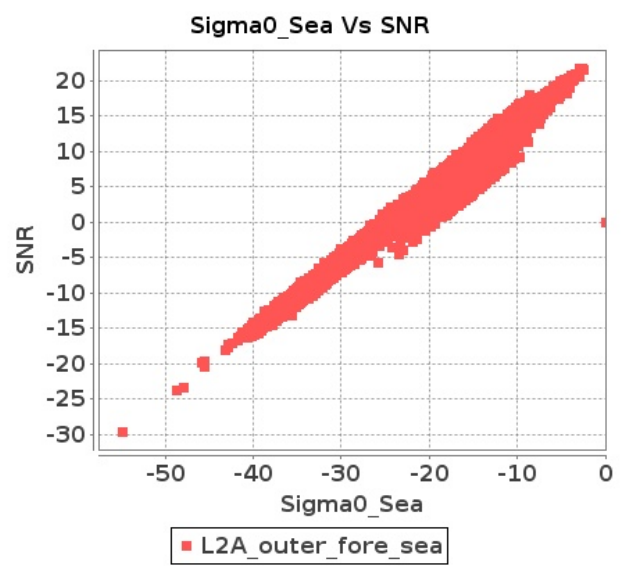
Inner Land Fore Sigma0VsSNR



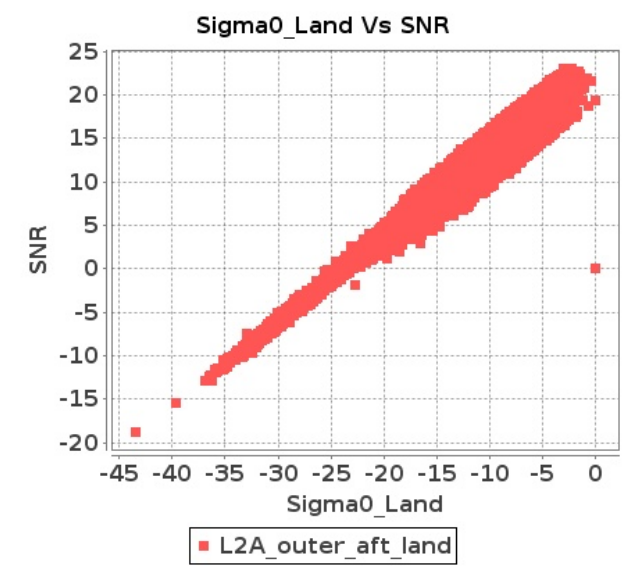
Outer Sea Aft Sigma0VsSNR



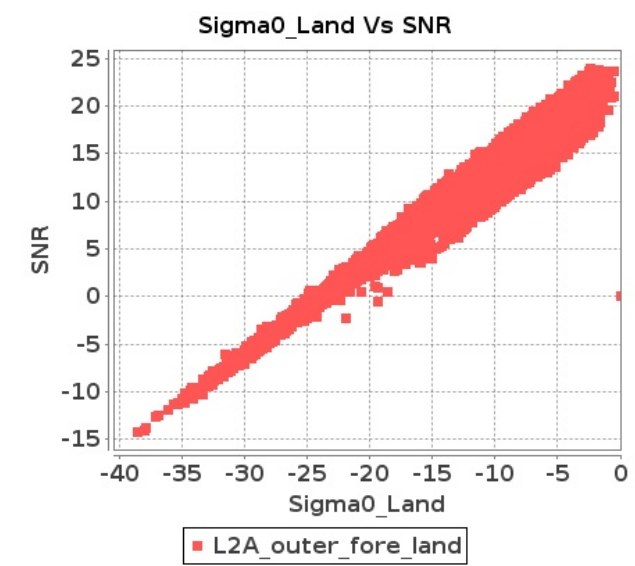
Outer Sea Fore Sigma0VsSNR



Outer Land Aft Sigma0VsSNR



Outer Land Fore Sigma0VsSNR



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

Report between 28-MAR-2017 To 29-MAR-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	2651	2652	SN	1	0.0	49.359	1.527	0.0	48.608	1.809	0.0	45.889	1.363	0.0	40.827	2.092	0.0	49.448	1.62	0.0	50.402	1.669	0.0	49.951	1.493	0.0	39.324	1.495
2	2651	2652	SN	1	0.0	51.574	5.191	0.0	53.41	6.29	0.0	44.619	4.386	0.0	48.7	6.308	0.0	53.117	5.174	0.0	54.059	5.622	0.0	51.456	4.563	0.0	47.218	4.82
3	2652	2653	SN	1	0.0	49.708	2.283	0.0	46.09	2.855	0.0	44.829	2.091	0.0	41.995	2.988	0.0	49.215	2.414	0.0	45.815	2.59	0.0	42.369	2.439	0.0	36.565	2.429
4	2652	2653	NS	1	0.0	45.913	1.745	0.0	46.812	1.989	0.0	48.158	1.341	0.0	45.541	2.042	0.0	44.945	1.705	0.0	45.388	1.791	0.0	47.378	1.387	0.0	41.604	1.401
5	2652	2653	NS	1	0.0	54.645	6.105	0.0	56.496	6.842	0.0	46.189	4.346	0.0	44.218	6.131	0.0	55.557	6.072	0.0	59.402	6.395	0.0	48.257	4.559	0.0	45.819	4.75
6	2652	2653	SN	1	0.0	53.851	6.944	0.0	50.093	9.001	0.0	47.214	6.583	0.0	46.662	8.536	0.0	54.363	7.467	0.0	50.721	8.509	0.0	44.762	7.631	0.0	44.356	7.276
7	2653	2654	SN	1	0.0	51.493	5.708	0.0	54.354	5.864	0.0	45.963	4.308	0.0	45.055	6.719	0.0	49.613	5.857	0.0	58.067	5.519	0.0	46.386	5.073	0.0	40.753	5.199
8	2653	2654	NS	1	0.0	50.875	5.126	0.0	50.872	5.495	0.0	43.103	4.23	0.0	50.273	6.237	0.0	52.889	5.01	0.0	51.515	5.189	0.0	43.802	4.778	0.0	43.959	5.033
9	2653	2654	NS	1	0.0	47.864	1.492	0.0	47.405	1.684	0.0	40.295	1.429	0.0	44.772	2.062	0.0	45.992	1.554	0.0	46.909	1.613	0.0	38.428	1.596	0.0	41.913	1.675
10	2653	2654	SN	1	0.0	43.823	1.709	0.0	41.667	1.843	0.0	44.886	1.651	0.0	40.975	2.519	0.0	42.908	1.79	0.0	43.57	1.693	0.0	42.411	1.898	0.0	36.497	1.917
11	2654	2655	NS	1	0.0	48.372	2.335	0.0	44.676	2.771	0.0	41.931	2.071	0.0	52.05	3.088	0.0	49.689	2.258	0.0	44.6	2.435	0.0	45.584	2.32	0.0	48.582	2.408
12	2654	2655	SN	1	0.0	44.156	3.579	0.0	55.282	4.697	0.0	40.595	3.747	0.0	46.489	5.812	0.0	41.448	3.479	0.0	49.83	3.638	0.0	43.167	3.606	0.0	42.364	3.654
13	2654	2655	NS	1	0.0	50.041	7.115	0.0	55.796	8.645	0.0	46.69	6.352	0.0	42.674	8.415	0.0	51.357	6.933	0.0	53.701	8.007	0.0	48.462	7.085	0.0	43.005	7.312
14	2654	2655	SN	1	0.0	35.411	1.108	0.0	38.65	1.56	0.0	38.607	1.343	0.0	43.033	2.332	0.0	35.439	1.006	0.0	38.159	1.111	0.0	36.068	1.268	0.0	36.876	1.32
15	2655	2656	SN	1	0.0	43.655	3.945	0.0	49.297	5.381	0.0	38.636	4.059	0.0	42.841	6.902	0.0	44.872	3.488	0.0	47.105	4.213	0.0	37.638	3.839	0.0	41.526	4.317
16	2655	2656	NS	1	0.0	45.52	0.963	0.0	44.243	0.968	0.0	40.231	0.718	0.0	47.114	1.076	0.0	42.55	0.99	0.0	45.98	0.82	0.0	41.031	0.688	0.0	40.536	0.712
17	2655	2656	SN	1	0.0	40.009	1.182	0.0	39.087	1.716	0.0	38.636	1.374	0.0	41.933	2.604	0.0	37.316	1.093	0.0	39.075	1.246	0.0	36.691	1.207	0.0	36.397	1.417
18	2655	2656	NS	1	0.0	50.015	3.4	0.0	49.131	3.73	0.0	47.216	2.699	0.0	41.879	3.723	0.0	47.841	3.284	0.0	48.94	3.208	0.0	46.228	2.457	0.0	40.023	2.478
19	2656	2657	NS	1	0.0	48.07	5.092	0.0	53.534	6.509	0.0	48.189	4.583	0.0	43.68	6.523	0.0	49.982	4.802	0.0	53.97	5.075	0.0	47.192	4.185	0.0	38.78	3.96
20	2656	2657	NS	1	0.0	46.562	1.558	0.0	48.613	1.784	0.0	42.371	1.377	0.0	36.794	2.116	0.0	49.961	1.422	0.0	46.005	1.386	0.0	40.961	1.287	0.0	35.544	1.149
21	2656	2657	SN	1	0.0	47.836	7.583	0.0	49.51	8.619	0.0	40.719	6.843	0.0	44.264	9.167	0.0	46.602	7.525	0.0	46.474	7.818	0.0	43.277	6.878	0.0	44.511	6.881
22	2656	2657	SN	1	0.0	41.795	2.253	0.0	47.084	2.809	0.0	40.706	2.309	0.0	42.315	3.205	0.0	40.594	2.409	0.0	44.411	2.381	0.0	37.004	2.429	0.0	42.257	2.37
23	2657	2658	SN	1	0.0	54.233	7.924	0.0	49.823	8.211	0.0	44.374	6.503	0.0	49.767	8.133	0.0	55.497	7.94	0.0	50.64	7.51	0.0	43.469	6.474	0.0	46.807	6.054
24	2657	2658	NS	1	0.0	45.268	1.77	0.0	42.304	2.037	0.0	42.402	1.632	0.0	41.97	2.402	0.0	46.948	1.781	0.0	41.473	1.639	0.0	41.492	1.732	0.0	38.47	1.52
25	2657	2658	SN	1	0.0	48.205	2.462	0.0	42.264	2.501	0.0	42.317	2.027	0.0	45.963	2.834	0.0	47.323	2.49	0.0	40.122	2.244	0.0	42.786	2.078	0.0	42.667	1.898
26	2657	2658	NS	1	0.0	48.862	5.649	0.0	55.048	7.046	0.0	45.168	4.864	0.0	47.041	6.678	0.0	49.98	5.748	0.0	55.617	6.151	0.0	49.061	5.092	0.0	44.943	5.026
27	2658	2659	NS	1	0.0	54.533	4.099	0.0	46.192	6.136	0.0	49.601	3.57	0.0	43.324	6.103	0.0	53.447	4.165	0.0	46.702	5.481	0.0	46.406	3.905	0.0	40.447	4.757
28	2658	2659	SN	1	0.0	52.29	7.331	0.0	55.356	7.844	0.0	45.7	5.085	0.0	44.4	7.032	0.0	53.85	7.099	0.0	56.882	6.801	0.0	46.301	4.873	0.0	45.031	4.71
29	2658	2659	NS	1	0.0	48.322	1.189	0.0	40.949	1.793	0.0	43.675	1.005	0.0	40.75	2.013	0.0	50.575	1.185	0.0	38.183	1.542	0.0	42.0	1.038	0.0	35.382	1.484
30	2658	2659	SN	1	0.0	50.245	2.101	0.0	45.664	2.011	0.0	42.162	1.521	0.0	43.921	2.011	0.0	50.737	2.006	0.0	41.757	1.626	0.0	42.587	1.387	0.0	41.206	1.222
31	2659	2660	SN	1	0.0	53.928	6.696	0.0	57.989	6.257	0.0	48.249	5.081	0.0	51.45	5.978	0.0	56.381	6.538	0.0	58.098	5.682	0.0	46.839	5.421	0.0	50.451	4.988

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

32	2659	2660	NS	1	0.0	53.421	7.556	0.0	51.382	7.415	0.0	43.302	5.825	0.0	47.773	6.896	0.0	56.554	7.506	0.0	49.548	6.744	0.0	41.743	5.918	0.0	47.335	5.385
33	2659	2660	SN	1	0.0	43.754	1.987	0.0	49.252	1.799	0.0	42.905	1.645	0.0	38.885	1.901	0.0	45.785	1.983	0.0	45.071	1.524	0.0	42.849	1.753	0.0	37.229	1.409
34	2659	2660	NS	1	0.0	44.676	2.193	0.0	40.001	2.188	0.0	38.301	1.753	0.0	41.551	2.321	0.0	48.969	2.206	0.0	43.438	1.938	0.0	39.34	1.801	0.0	37.212	1.623
35	2660	2661	SN	1	0.0	47.16	5.914	0.0	49.128	6.441	0.0	48.871	4.776	0.0	43.007	6.519	0.0	45.173	5.939	0.0	48.917	6.183	0.0	51.025	5.506	0.0	39.23	5.507
36	2660	2661	NS	1	0.0	44.552	2.379	0.0	45.227	2.391	0.0	44.544	1.902	0.0	43.171	2.659	0.0	47.836	2.521	0.0	43.72	2.19	0.0	40.659	2.19	0.0	39.363	1.987
37	2660	2661	NS	1	0.0	52.68	7.332	0.0	51.903	7.474	0.0	51.309	5.895	0.0	48.336	7.751	0.0	53.808	7.656	0.0	50.674	7.018	0.0	48.988	6.578	0.0	47.189	6.326
38	2661	2662	NS	1	0.0	43.048	2.737	0.0	52.352	3.915	0.0	46.835	2.819	0.0	43.779	4.901	0.0	45.367	2.389	0.0	51.098	3.202	0.0	47.449	2.691	0.0	40.943	3.028
39	2666	2667	NS	1	0.0	50.124	2.635	0.0	50.417	2.776	0.0	43.646	2.0	0.0	43.602	2.74	0.0	47.949	2.499	0.0	48.726	2.306	0.0	43.469	1.963	0.0	40.067	1.775
40	2666	2667	NS	1	0.0	51.681	8.81	0.0	54.936	9.131	0.0	46.755	6.816	0.0	49.332	8.694	0.0	51.634	8.313	0.0	55.79	8.086	0.0	51.76	6.802	0.0	43.385	6.658
41	2666	2667	SN	1	0.0	47.119	2.228	0.0	46.795	2.286	0.0	44.513	1.99	0.0	47.668	2.214	0.0	46.972	2.399	0.0	46.021	2.11	0.0	39.395	2.197	0.0	43.498	1.797
42	2666	2667	SN	1	0.0	51.786	7.128	0.0	49.855	7.468	0.0	45.737	6.065	0.0	52.07	6.864	0.0	53.781	7.41	0.0	50.936	7.034	0.0	46.323	6.476	0.0	51.928	5.774
43	2667	2668	NS	1	0.0	44.47	2.02	0.0	47.731	2.196	0.0	42.632	1.687	0.0	40.733	2.044	0.0	45.312	2.098	0.0	50.245	2.035	0.0	41.243	1.865	0.0	42.61	1.621
44	2667	2668	NS	1	0.0	47.819	6.288	0.0	51.481	6.813	0.0	42.482	5.099	0.0	47.286	6.266	0.0	46.573	6.586	0.0	49.42	6.631	0.0	45.472	5.462	0.0	48.294	5.212
45	2667	2668	SN	1	0.0	45.257	2.158	0.0	41.767	2.319	0.0	45.05	1.802	0.0	40.27	2.578	0.0	44.976	2.234	0.0	38.787	2.085	0.0	41.037	2.16	0.0	37.766	2.064
46	2667	2668	SN	1	0.0	48.007	6.447	0.0	43.867	6.988	0.0	44.173	5.544	0.0	42.221	6.923	0.0	48.49	6.8	0.0	42.324	6.971	0.0	40.367	6.435	0.0	37.214	5.95
47	2668	2669	SN	1	0.0	43.093	4.278	0.0	44.775	5.441	0.0	44.332	4.414	0.0	50.285	7.105	0.0	42.819	4.17	0.0	46.67	4.54	0.0	42.752	4.45	0.0	45.754	4.834
48	2668	2669	SN	1	0.0	40.711	1.328	0.0	44.789	1.733	0.0	38.44	1.49	0.0	40.647	2.724	0.0	40.782	1.285	0.0	43.875	1.286	0.0	36.947	1.456	0.0	37.612	1.678
49	2669	2670	NS	1	0.0	42.411	1.542	0.0	48.167	1.657	0.0	45.718	1.244	0.0	43.055	1.906	0.0	43.084	1.46	0.0	45.37	1.398	0.0	44.49	1.25	0.0	39.397	1.349
50	2669	2670	NS	1	0.0	53.495	5.55	0.0	49.506	6.068	0.0	46.783	4.073	0.0	49.001	6.044	0.0	53.989	5.251	0.0	49.587	5.438	0.0	44.964	4.016	0.0	46.32	4.585
51	2669	2670	SN	1	0.0	37.391	1.631	0.0	40.367	2.503	0.0	43.865	1.795	0.0	39.814	2.914	0.0	40.372	1.551	0.0	38.885	1.891	0.0	43.193	1.652	0.0	37.633	1.791
52	2669	2670	SN	1	0.0	44.776	5.523	0.0	47.994	7.378	0.0	42.615	5.079	0.0	46.442	7.764	0.0	45.207	5.207	0.0	49.3	6.084	0.0	45.977	5.1	0.0	45.351	5.193
53	2670	2671	NS	1	0.0	50.728	4.803	0.0	53.376	5.703	0.0	44.561	4.258	0.0	43.101	5.931	0.0	53.18	4.67	0.0	54.986	4.924	0.0	41.113	4.059	0.0	39.717	4.208
54	2670	2671	SN	1	0.0	39.693	1.188	0.0	43.236	1.7	0.0	38.703	1.279	0.0	41.446	2.387	0.0	37.648	1.032	0.0	40.696	1.121	0.0	39.008	1.088	0.0	38.795	1.222
55	2670	2671	SN	1	0.0	47.084	3.913	0.0	52.388	5.207	0.0	46.187	3.464	0.0	46.501	6.175	0.0	47.674	3.489	0.0	48.65	4.039	0.0	44.349	3.152	0.0	43.945	3.397
56	2670	2671	NS	1	0.0	50.148	1.348	0.0	50.044	1.588	0.0	43.061	1.253	0.0	48.07	1.977	0.0	47.462	1.391	0.0	48.249	1.312	0.0	42.699	1.308	0.0	42.775	1.321
57	2671	2672	SN	1	0.0	55.644	9.529	0.0	48.115	10.793	0.0	47.778	7.7	0.0	47.154	10.142	0.0	56.963	9.728	0.0	46.857	9.708	0.0	48.98	8.082	0.0	47.78	8.019
58	2671	2672	SN	1	0.0	45.315	3.016	0.0	51.003	3.2	0.0	41.876	2.367	0.0	39.862	3.349	0.0	45.367	2.995	0.0	47.666	2.863	0.0	41.712	2.547	0.0	37.122	2.568
59	2671	2672	NS	1	0.0	51.917	2.166	0.0	52.488	2.102	0.0	46.709	1.709	0.0	43.226	2.326	0.0	56.245	1.934	0.0	51.257	1.745	0.0	45.694	1.663	0.0	37.038	1.527
60	2671	2672	NS	1	0.0	51.554	6.445	0.0	50.769	6.842	0.0	48.735	5.373	0.0	50.213	6.944	0.0	50.202	6.287	0.0	49.428	6.054	0.0	47.17	5.281	0.0	44.972	4.943
61	2672	2673	SN	1	0.0	43.277	5.125	0.0	47.126	5.785	0.0	50.081	4.129	0.0	45.65	5.379	0.0	44.006	4.834	0.0	46.772	4.767	0.0	50.181	3.541	0.0	41.871	3.57
62	2672	2673	NS	1	0.0	48.423	1.432	0.0	40.517	1.785	0.0	37.956	1.435	0.0	42.032	2.235	0.0	48.493	1.352	0.0	40.825	1.459	0.0	36.449	1.378	0.0	38.939	1.39
63	2672	2673	NS	1	0.0	45.174	4.796	0.0	48.717	6.055	0.0	41.625	4.417	0.0	45.194	6.473	0.0	46.087	4.663	0.0	47.454	5.035	0.0	40.091	4.331	0.0	41.424	4.351
64	2672	2673	SN	1	0.0	48.63	1.445	0.0	42.08	1.628	0.0	42.897	1.13	0.0	41.043	1.744	0.0	46.542	1.322	0.0	38.78	1.23	0.0	42.049	1.024	0.0	39.822	0.951
65	2673	2674	NS	1	0.0	49.295	1.356	0.0	44.264	1.499	0.0	44.421	1.246	0.0	37.891	1.902	0.0	50.084	1.294	0.0	44.018	1.148	0.0	40.759	1.109	0.0	40.177	1.262
66	2673	2674	NS	1	0.0	52.666	4.489	0.0	57.403	5.042	0.0	42.462	4.288	0.0	48.523	5.405	0.0	52.517	4.123	0.0	54.912	4.122	0.0	42.29	4.103	0.0	45.325	4.017
67	2673	2674	SN	1	0.0	45.344	2.081	0.0	47.576	1.984	0.0	43.579	1.507	0.0	44.541	1.997	0.0	48.818	2.066	0.0	50.846	1.766	0.0	45.432	1.629	0.0	43.244	1.531

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

68	2673	2674	SN	1	0.0	51.964	6.622	0.0	52.304	6.76	0.0	50.463	5.365	0.0	48.777	6.334	0.0	54.491	6.689	0.0	53.807	6.184	0.0	48.307	5.542	0.0	47.166	5.322
69	2674	2675	NS	1	0.0	52.298	6.751	0.0	51.795	8.072	0.0	42.224	6.002	0.0	50.64	8.387	0.0	55.525	6.61	0.0	51.747	6.893	0.0	46.652	5.802	0.0	49.354	5.551
70	2674	2675	SN	1	0.0	47.089	1.654	0.0	40.61	1.946	0.0	39.357	1.751	0.0	37.307	2.394	0.0	46.833	1.876	0.0	43.717	1.903	0.0	37.698	2.03	0.0	35.91	2.098
71	2674	2675	SN	1	0.0	56.015	5.56	0.0	42.889	6.635	0.0	38.474	5.315	0.0	44.93	6.975	0.0	56.638	6.208	0.0	42.076	6.668	0.0	43.442	6.187	0.0	43.529	6.291
72	2674	2675	NS	1	0.0	45.271	2.221	0.0	52.793	2.587	0.0	43.844	1.923	0.0	45.271	2.91	0.0	46.438	2.137	0.0	49.289	2.093	0.0	45.215	1.84	0.0	45.377	1.845
73	2675	2676	NS	1	0.0	48.782	1.951	0.0	47.201	2.416	0.0	37.637	1.735	0.0	39.071	2.552	0.0	50.072	2.053	0.0	47.223	2.226	0.0	35.824	1.868	0.0	36.313	2.003
74	2675	2676	NS	1	0.0	52.754	6.046	0.0	55.191	7.06	0.0	42.501	5.232	0.0	44.533	7.117	0.0	54.399	6.328	0.0	56.522	6.812	0.0	40.209	5.737	0.0	42.807	6.006

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	2651	2652	SN	1	0.0	25.694	12.915	0.0	27.746	12.916	0.0	223.832	4.717	0.0	265.718	5.024	0.0	1.913	0.0	1.962	0.0	0.0	2.239	0.0	0.0	2.278	0.0	
2	2651	2652	SN	1	0.0	32.665	24.244	0.0	38.233	24.583	0.0	191.53	14.54	0.0	78.437	14.617	0.0	1.927	0.0	1.965	0.0	0.0	2.233	0.0	0.0	2.28	0.0	
3	2652	2653	SN	1	0.0	25.761	12.898	0.0	27.746	12.95	0.0	223.098	4.657	0.0	74.938	4.955	0.0	1.884	0.0	1.964	0.0	0.0	2.219	0.0	0.0	2.247	0.0	
4	2652	2653	NS	1	0.0	27.054	13.27	0.0	26.615	12.768	0.0	350.636	3.622	0.0	57.124	3.075	0.0	1.903	0.0	1.853	0.0	0.0	2.206	0.0	0.0	2.185	0.0	
5	2652	2653	NS	1	0.0	38.189	24.892	0.0	36.2	23.555	0.0	356.046	12.83	0.0	52.1	11.963	0.0	1.917	0.0	1.866	0.0	0.0	2.217	0.0	0.0	2.186	0.0	
6	2652	2653	SN	1	0.0	32.676	24.211	0.0	37.963	24.65	0.0	190.858	14.462	0.0	79.226	14.588	0.0	1.9	0.0	1.98	0.0	0.0	2.224	0.0	0.0	2.268	0.0	
7	2653	2654	SN	1	0.0	30.531	24.202	0.0	38.233	24.673	0.0	202.549	14.497	0.0	79.877	14.777	0.0	1.903	0.0	1.981	0.0	0.0	2.225	0.0	0.0	2.283	0.0	
8	2653	2654	NS	1	0.0	38.63	24.774	0.0	33.509	23.547	0.0	352.665	12.754	0.0	50.368	11.897	0.0	1.913	0.0	1.864	0.0	0.0	2.216	0.0	0.0	2.186	0.0	
9	2653	2654	NS	1	0.0	27.126	13.247	0.0	26.56	12.726	0.0	317.606	3.575	0.0	53.347	3.037	0.0	1.903	0.0	1.855	0.0	0.0	2.206	0.0	0.0	2.185	0.0	
10	2653	2654	SN	1	0.0	25.286	12.846	0.0	27.768	12.966	0.0	216.982	4.745	0.0	75.732	5.097	0.0	1.885	0.0	1.964	0.0	0.0	2.221	0.0	0.0	2.289	0.0	
11	2654	2655	NS	1	0.0	27.126	13.213	0.0	26.643	12.728	0.0	318.88	3.577	0.0	53.76	3.035	0.0	1.901	0.0	1.855	0.0	0.0	2.206	0.0	0.0	2.186	0.0	
12	2654	2655	SN	1	0.0	32.654	24.215	0.0	38.277	24.529	0.0	226.28	14.521	0.0	71.094	14.688	0.0	1.901	0.0	1.973	0.0	0.0	2.225	0.0	0.0	2.267	0.0	
13	2654	2655	NS	1	0.0	38.657	24.869	0.0	33.526	23.514	0.0	352.858	12.875	0.0	50.611	11.833	0.0	1.917	0.0	1.863	0.0	0.0	2.216	0.0	0.0	2.186	0.0	
14	2654	2655	SN	1	0.0	25.805	12.9	0.0	27.796	12.922	0.0	210.094	4.786	0.0	147.496	5.053	0.0	1.884	0.0	1.972	0.0	0.0	2.221	0.0	0.0	2.267	0.0	
15	2655	2656	SN	1	0.0	34.871	24.219	0.0	38.327	24.554	0.0	223.181	14.493	0.0	62.524	14.645	0.0	1.901	0.0	1.951	0.0	0.0	2.225	0.0	0.0	2.265	0.0	
16	2655	2656	NS	1	0.0	27.112	13.23	0.0	26.599	12.737	0.0	320.821	3.586	0.0	54.439	3.012	0.0	1.898	0.0	1.853	0.0	0.0	2.206	0.0	0.0	2.185	0.0	
17	2655	2656	SN	1	0.0	25.744	12.915	0.0	27.757	12.941	0.0	197.101	4.775	0.0	70.052	5.033	0.0	1.885	0.0	1.963	0.0	0.0	2.221	0.0	0.0	2.265	0.0	
18	2655	2656	NS	1	0.0	38.613	24.755	0.0	33.487	23.514	0.0	353.867	12.89	0.0	51.063	11.854	0.0	1.919	0.0	1.865	0.0	0.0	2.217	0.0	0.0	2.186	0.0	
19	2656	2657	NS	1	0.0	38.332	24.84	0.0	37.894	23.474	0.0	350.895	12.882	0.0	57.389	11.893	0.0	1.912	0.0	1.866	0.0	0.0	2.216	0.0	0.0	2.185	0.0	
20	2656	2657	NS	1	0.0	27.095	13.249	0.0	26.61	12.751	0.0	349.908	3.565	0.0	51.185	3.027	0.0	1.899	0.0	1.855	0.0	0.0	2.205	0.0	0.0	2.184	0.0	
21	2656	2657	SN	1	0.0	32.649	24.203	0.0	38.321	24.547	0.0	164.965	14.536	0.0	83.095	14.695	0.0	1.901	0.0	1.971	0.0	0.0	2.229	0.0	0.0	2.267	0.0	
22	2656	2657	SN	1	0.0	25.7	12.897	0.0	27.796	12.922	0.0	202.853	4.761	0.0	277.327	5.041	0.0	1.886	0.0	1.964	0.0	0.0	2.224	0.0	0.0	2.267	0.0	
23	2657	2658	SN	1	0.0	32.627	24.228	0.0	38.338	24.566	0.0	166.763	14.479	0.0	64.674	14.693	0.0	1.903	0.0	1.991	0.0	0.0	2.226	0.0	0.0	2.266	0.0	
24	2657	2658	NS	1	0.0	27.106	13.258	0.0	26.599	12.774	0.0	350.079	3.585	0.0	43.651	3.017	0.0	1.898	0.0	1.851	0.0	0.0	2.206	0.0	0.0	2.185	0.0	
25	2657	2658	SN	1	0.0	25.727	12.936	0.0	27.79	12.919	0.0	175.206	4.753	0.0	72.224	5.028	0.0	1.886	0.0	1.963	0.0	0.0	2.223	0.0	0.0	2.276	0.0	
26	2657	2658	NS	1	0.0	38.608	24.793	0.0	33.487	23.541	0.0	352.842	12.84	0.0	58.189	11.86	0.0	1.918	0.0	1.868	0.0	0.0	2.217	0.0	0.0	2.186	0.0	
27	2658	2659	NS	1	0.0	38.266	24.9	0.0	38.037	23.526	0.0	351.281	12.811	0.0	53.231	11.893	0.0	1.915	0.0	1.864	0.0	0.0	2.216	0.0	0.0	2.186	0.0	
28	2658	2659	SN	1	0.0	32.467	24.22	0.0	37.93	24.568	0.0	168.108	14.462	0.0	67.14	14.685	0.0	1.901	0.0	1.962	0.0	0.0	2.225	0.0	0.0	2.27	0.0	
29	2658	2659	NS	1	0.0	27.079	13.29	0.0	26.621	12.769	0.0	352.24	3.565	0.0	53.352	3.025	0.0	1.899	0.0	1.855	0.0	0.0	2.206	0.0	0.0	2.184	0.0	
30	2658	2659	SN	1	0.0	25.645	12.887	0.0	27.718	12.925	0.0	179.701	4.685	0.0	68.325	5.011	0.0	1.887	0.0	1.962	0.0	0.0	2.222	0.0	0.0	2.267	0.0	
31	2659	2660	SN	1	0.0	32.456	24.184	0.0	37.957	24.637	0.0	356.801	14.484	0.0	68.061	14.685	0.0	1.901	0.0	1.961	0.0	0.0	2.228	0.0	0.0	2.289	0.0	

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

32	2659	2660	NS	1	0.0	38.31	24.824	0.0	33.393	23.507	0.0	356.823	12.796	0.0	35.616	11.925	0.0	1.922	0.0	0.0	1.864	0.0	0.0	2.216	0.0	0.0	2.186	0.0
33	2659	2660	SN	1	0.0	25.766	12.885	0.0	27.724	12.948	0.0	180.285	4.639	0.0	69.528	4.951	0.0	1.885	0.0	0.0	1.963	0.0	0.0	2.223	0.0	0.0	2.262	0.0
34	2659	2660	NS	1	0.0	26.982	13.262	0.0	26.621	12.765	0.0	352.422	3.578	0.0	61.829	3.042	0.0	1.903	0.0	0.0	1.853	0.0	0.0	2.203	0.0	0.0	2.184	0.0
35	2660	2661	SN	1	0.0	32.538	24.261	0.0	37.979	24.631	0.0	356.983	14.483	0.0	68.392	14.641	0.0	1.901	0.0	0.0	1.979	0.0	0.0	2.224	0.0	0.0	2.288	0.0
36	2660	2661	NS	1	0.0	27.106	13.259	0.0	26.599	12.748	0.0	352.472	3.58	0.0	62.149	3.014	0.0	1.904	0.0	0.0	1.856	0.0	0.0	2.204	0.0	0.0	2.184	0.0
37	2660	2661	NS	1	0.0	38.724	24.842	0.0	33.349	23.542	0.0	356.818	12.779	0.0	35.699	11.897	0.0	1.921	0.0	0.0	1.863	0.0	0.0	2.216	0.0	0.0	2.185	0.0
38	2661	2662	NS	1	0.0	38.746	24.818	0.0	33.344	23.559	0.0	356.2	12.757	0.0	35.721	11.862	0.0	1.919	0.0	0.0	1.864	0.0	0.0	2.215	0.0	0.0	2.185	0.0
39	2666	2667	NS	1	0.0	26.864	13.279	0.0	26.61	12.847	0.0	354.97	3.593	0.0	53.518	3.047	0.0	1.899	0.0	0.0	1.854	0.0	0.0	2.202	0.0	0.0	2.185	0.0
40	2666	2667	NS	1	0.0	38.26	24.78	0.0	36.145	23.486	0.0	359.498	12.87	0.0	51.483	11.948	0.0	1.916	0.0	0.0	1.868	0.0	0.0	2.216	0.0	0.0	2.186	0.0
41	2666	2667	SN	1	0.0	25.711	12.91	0.0	27.774	12.954	0.0	221.709	4.749	0.0	99.946	5.037	0.0	1.884	0.0	0.0	1.966	0.0	0.0	2.216	0.0	0.0	2.27	0.0
42	2666	2667	SN	1	0.0	32.61	24.308	0.0	37.985	24.606	0.0	190.019	14.447	0.0	181.209	14.653	0.0	1.901	0.0	0.0	1.957	0.0	0.0	2.22	0.0	0.0	2.263	0.0
43	2667	2668	NS	1	0.0	26.869	13.248	0.0	26.604	12.755	0.0	355.141	3.598	0.0	52.492	2.996	0.0	1.907	0.0	0.0	1.852	0.0	0.0	2.204	0.0	0.0	2.184	0.0
44	2667	2668	NS	1	0.0	37.728	24.795	0.0	33.487	23.436	0.0	352.312	12.974	0.0	49.823	11.841	0.0	1.919	0.0	0.0	1.867	0.0	0.0	2.215	0.0	0.0	2.185	0.0
45	2667	2668	SN	1	0.0	25.705	12.917	0.0	26.66	12.924	0.0	221.935	4.741	0.0	15.398	4.884	0.0	1.888	0.0	0.0	1.966	0.0	0.0	2.216	0.0	0.0	2.266	0.0
46	2667	2668	SN	1	0.0	32.621	24.306	0.0	35.279	24.36	0.0	190.168	14.543	0.0	21.779	14.417	0.0	1.901	0.0	0.0	1.965	0.0	0.0	2.22	0.0	0.0	2.276	0.0
47	2668	2669	SN	1	0.0	32.599	24.283	0.0	38.007	24.604	0.0	189.683	14.441	0.0	71.0	14.645	0.0	1.901	0.0	0.0	1.971	0.0	0.0	2.222	0.0	0.0	2.276	0.0
48	2668	2669	SN	1	0.0	25.634	12.919	0.0	27.807	12.948	0.0	221.394	4.791	0.0	73.487	5.025	0.0	1.885	0.0	0.0	1.972	0.0	0.0	2.218	0.0	0.0	2.269	0.0
49	2669	2670	NS	1	0.0	27.137	13.225	0.0	26.588	12.761	0.0	329.662	3.55	0.0	56.678	2.994	0.0	1.904	0.0	0.0	1.852	0.0	0.0	2.202	0.0	0.0	2.183	0.0
50	2669	2670	NS	1	0.0	38.36	24.77	0.0	33.448	23.477	0.0	352.781	12.889	0.0	50.335	11.804	0.0	1.92	0.0	0.0	1.863	0.0	0.0	2.215	0.0	0.0	2.185	0.0
51	2669	2670	SN	1	0.0	25.639	12.909	0.0	27.718	12.93	0.0	270.125	4.791	0.0	148.638	5.055	0.0	1.885	0.0	0.0	1.971	0.0	0.0	2.219	0.0	0.0	2.29	0.0
52	2669	2670	SN	1	0.0	32.522	24.292	0.0	38.371	24.545	0.0	224.576	14.486	0.0	62.342	14.702	0.0	1.901	0.0	0.0	1.958	0.0	0.0	2.223	0.0	0.0	2.269	0.0
53	2670	2671	NS	1	0.0	38.393	24.759	0.0	33.471	23.477	0.0	353.812	12.924	0.0	50.799	11.825	0.0	1.918	0.0	0.0	1.865	0.0	0.0	2.214	0.0	0.0	2.185	0.0
54	2670	2671	SN	1	0.0	25.7	12.914	0.0	27.702	12.96	0.0	194.382	4.821	0.0	68.039	5.03	0.0	1.886	0.0	0.0	1.971	0.0	0.0	2.219	0.0	0.0	2.289	0.0
55	2670	2671	SN	1	0.0	32.605	24.257	0.0	38.371	24.526	0.0	210.083	14.472	0.0	78.241	14.694	0.0	1.901	0.0	0.0	1.954	0.0	0.0	2.224	0.0	0.0	2.269	0.0
56	2670	2671	NS	1	0.0	26.88	13.233	0.0	26.593	12.77	0.0	323.38	3.554	0.0	54.902	2.991	0.0	1.899	0.0	0.0	1.851	0.0	0.0	2.201	0.0	0.0	2.183	0.0
57	2671	2672	SN	1	0.0	32.516	24.283	0.0	38.36	24.516	0.0	268.542	14.493	0.0	83.971	14.714	0.0	1.903	0.0	0.0	1.956	0.0	0.0	2.227	0.0	0.0	2.271	0.0
58	2671	2672	SN	1	0.0	24.867	12.862	0.0	27.707	12.981	0.0	187.835	4.823	0.0	72.076	5.1	0.0	1.886	0.0	0.0	1.973	0.0	0.0	2.221	0.0	0.0	2.288	0.0
59	2671	2672	NS	1	0.0	27.2	13.236	0.0	26.56	12.789	0.0	350.123	3.568	0.0	50.837	3.001	0.0	1.896	0.0	0.0	1.858	0.0	0.0	2.204	0.0	0.0	2.183	0.0
60	2671	2672	NS	1	0.0	38.404	24.818	0.0	33.217	23.437	0.0	351.171	12.903	0.0	57.168	11.801	0.0	1.92	0.0	0.0	1.865	0.0	0.0	2.215	0.0	0.0	2.184	0.0
61	2672	2673	SN	1	0.0	32.511	24.252	0.0	37.99	24.543	0.0	169.531	14.427	0.0	66.748	14.678	0.0	1.901	0.0	0.0	1.955	0.0	0.0	2.224	0.0	0.0	2.259	0.0
62	2672	2673	NS	1	0.0	27.156	13.237	0.0	26.555	12.811	0.0	350.327	3.563	0.0	51.797	3.001	0.0	1.898	0.0	0.0	1.855	0.0	0.0	2.204	0.0	0.0	2.184	0.0
63	2672	2673	NS	1	0.0	38.338	24.809	0.0	33.233	23.441	0.0	351.264	12.894	0.0	58.04	11.772	0.0	1.919	0.0	0.0	1.871	0.0	0.0	2.213	0.0	0.0	2.185	0.0
64	2672	2673	SN	1	0.0	25.518	12.909	0.0	27.834	12.923	0.0	274.983	4.772	0.0	274.101	5.044	0.0	1.884	0.0	0.0	1.965	0.0	0.0	2.221	0.0	0.0	2.269	0.0
65	2673	2674	NS	1	0.0	26.875	13.241	0.0	26.538	12.761	0.0	352.373	3.574	0.0	68.849	2.992	0.0	1.896	0.0	0.0	1.854	0.0	0.0	2.204	0.0	0.0	2.185	0.0
66	2673	2674	NS	1	0.0	38.354	24.766	0.0	33.283	23.437	0.0	354.093	12.929	0.0	58.867	11.793	0.0	1.907	0.0	0.0	1.865	0.0	0.0	2.214	0.0	0.0	2.186	0.0
67	2673	2674	SN	1	0.0	25.59	12.936	0.0	27.415	12.949	0.0	185.21	4.651	0.0	65.507	4.959	0.0	1.885	0.0	0.0	1.965	0.0	0.0	2.223	0.0	0.0	2.272	0.0
68	2673	2674	SN	1	0.0	32.572	24.246	0.0	38.023	24.579	0.0	352.235	14.492	0.0	67.586	14.691	0.0	1.902	0.0	0.0	1.954	0.0	0.0	2.226	0.0	0.0	2.254	0.0

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

69	2674	2675	NS	1	0.0	37.894	24.749	0.0	33.432	23.437	0.0	351.766	12.879	0.0	35.29	11.758	0.0	1.921	0.0	0.0	1.863	0.0	0.0	2.215	0.0	0.0	2.184	0.0
70	2674	2675	SN	1	0.0	25.65	12.915	0.0	27.432	12.948	0.0	260.589	4.725	0.0	66.307	4.972	0.0	1.885	0.0	0.0	1.964	0.0	0.0	2.222	0.0	0.0	2.272	0.0
71	2674	2675	SN	1	0.0	32.572	24.25	0.0	38.04	24.579	0.0	352.307	14.443	0.0	63.252	14.726	0.0	1.903	0.0	0.0	1.953	0.0	0.0	2.226	0.0	0.0	2.265	0.0
72	2674	2675	NS	1	0.0	26.869	13.238	0.0	26.571	12.784	0.0	352.411	3.557	0.0	69.45	3.015	0.0	1.899	0.0	0.0	1.852	0.0	0.0	2.202	0.0	0.0	2.183	0.0
73	2675	2676	NS	1	0.0	26.88	13.228	0.0	26.577	12.862	0.0	353.956	3.528	0.0	63.698	3.003	0.0	1.898	0.0	0.0	1.851	0.0	0.0	2.202	0.0	0.0	2.183	0.0
74	2675	2676	NS	1	0.0	38.398	24.755	0.0	33.311	23.48	0.0	356.845	12.806	0.0	35.406	11.797	0.0	1.914	0.0	0.0	1.863	0.0	0.0	2.214	0.0	0.0	2.184	0.0

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