

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

Report between 08-NOV-2016 To 09-NOV-2016

Sr No	Start Orbit	End Orbit	Dir.	Ver.	SNR												Sigma0											
					Inner Aft			Inner Fore			Outer Aft			Outer Fore			Inner Aft			Inner Fore			Outer Aft			Outer Fore		
					Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)
1	622	623	SN	1	0.0	94.534	1.398	0.0	43.644	1.201	0.0	50.845	1.145	0.0	45.403	1.344	0.0	95.51	1.433	0.0	94.653	1.253	0.0	50.941	1.147	0.0	45.327	1.333
2	622	623	SN	1	0.0	51.435	4.907	0.0	52.063	4.942	0.0	53.661	3.773	0.0	52.131	4.247	0.0	93.574	5.014	0.0	94.009	5.034	0.0	53.776	3.766	0.0	52.05	4.29
3	622	623	NS	1	0.0	59.795	10.612	0.0	98.286	11.612	0.0	64.436	10.036	0.0	65.348	10.839	0.0	94.292	10.744	0.0	94.887	11.744	0.0	94.667	10.045	0.0	94.293	10.839
4	622	623	NS	1	0.0	51.24	3.717	0.0	98.821	3.649	0.0	59.378	3.265	0.0	50.386	3.585	0.0	94.506	3.745	0.0	94.991	3.677	0.0	93.673	3.261	0.0	50.509	3.572
5	623	624	SN	1	0.0	48.658	1.918	0.0	50.301	1.861	0.0	47.802	1.713	0.0	49.776	1.626	0.0	94.808	1.954	0.0	95.534	1.884	0.0	93.908	1.729	0.0	50.146	1.635
6	623	624	NS	1	0.0	99.167	8.053	0.0	99.477	8.27	0.0	53.522	6.884	0.0	67.51	7.263	0.0	95.621	8.418	0.0	95.228	8.436	0.0	93.686	6.926	0.0	93.685	7.213
7	623	624	NS	1	0.0	99.432	2.672	0.0	99.101	2.658	0.0	56.909	2.184	0.0	65.98	2.313	0.0	95.178	2.848	0.0	95.493	2.752	0.0	94.365	2.194	0.0	94.065	2.317
8	623	624	SN	1	0.0	57.47	6.23	0.0	55.557	6.145	0.0	51.667	5.128	0.0	56.317	5.31	0.0	95.435	6.486	0.0	55.444	6.228	0.0	92.018	5.171	0.0	55.942	5.289
9	624	625	NS	1	0.0	52.089	2.174	0.0	49.79	2.189	0.0	50.701	2.148	0.0	47.546	2.226	0.0	94.816	2.193	0.0	95.669	2.187	0.0	50.577	2.129	0.0	94.178	2.228
10	624	625	SN	1	0.0	95.829	5.618	0.0	54.479	5.562	0.0	56.136	5.773	0.0	50.675	5.946	0.0	95.82	5.8	0.0	95.94	5.662	0.0	95.143	5.773	0.0	50.412	5.896
11	624	625	SN	1	0.0	95.829	1.854	0.0	47.105	1.833	0.0	52.709	1.846	0.0	44.521	2.157	0.0	95.794	1.881	0.0	95.957	1.867	0.0	93.351	1.828	0.0	44.257	2.125
12	624	625	NS	1	0.0	51.04	6.267	0.0	52.369	6.437	0.0	54.205	5.982	0.0	59.04	6.466	0.0	95.612	6.284	0.0	94.517	6.437	0.0	54.169	5.996	0.0	58.881	6.395
13	625	626	NS	1	0.0	48.02	1.423	0.0	53.325	1.644	0.0	45.833	1.836	0.0	53.751	2.087	0.0	95.734	1.442	0.0	53.304	1.646	0.0	94.448	1.833	0.0	95.288	2.084
14	625	626	SN	1	0.0	41.02	0.865	0.0	42.08	0.886	0.0	47.395	1.033	0.0	48.178	1.334	0.0	94.302	0.857	0.0	94.941	0.88	0.0	47.425	1.017	0.0	48.029	1.334
15	625	626	SN	1	0.0	49.532	2.759	0.0	48.884	2.891	0.0	53.156	2.674	0.0	48.225	3.764	0.0	93.355	2.792	0.0	94.941	2.958	0.0	52.917	2.624	0.0	47.94	3.742
16	625	626	NS	1	0.0	56.467	4.624	0.0	57.123	5.145	0.0	48.987	5.058	0.0	54.965	6.075	0.0	95.313	4.657	0.0	57.045	5.162	0.0	92.453	4.972	0.0	54.872	6.125
17	626	627	NS	1	0.0	99.902	3.427	0.0	58.577	3.373	0.0	51.251	3.094	0.0	49.758	3.294	0.0	90.994	3.584	0.0	92.098	3.481	0.0	95.163	3.129	0.0	50.249	3.287
18	626	627	NS	1	0.0	100.437	0.959	0.0	48.02	0.876	0.0	50.52	0.897	0.0	43.178	0.903	0.0	95.635	0.999	0.0	95.669	0.911	0.0	94.668	0.915	0.0	95.152	0.908
19	626	627	SN	1	0.0	44.64	2.38	0.0	50.562	2.231	0.0	55.448	2.389	0.0	48.508	2.628	0.0	95.719	2.39	0.0	95.538	2.225	0.0	93.145	2.376	0.0	48.4	2.614
20	626	627	SN	1	0.0	52.725	7.064	0.0	52.971	7.245	0.0	52.31	7.191	0.0	50.581	7.441	0.0	95.058	7.155	0.0	95.231	7.32	0.0	94.339	7.142	0.0	50.786	7.405
21	627	628	NS	1	0.0	57.51	3.518	0.0	48.183	3.522	0.0	51.704	3.087	0.0	47.692	3.507	0.0	95.13	3.609	0.0	48.767	3.563	0.0	51.801	3.122	0.0	47.679	3.493
22	627	628	NS	1	0.0	47.976	1.108	0.0	46.006	0.94	0.0	39.006	0.835	0.0	45.661	1.096	0.0	95.375	1.154	0.0	95.629	0.972	0.0	93.435	0.834	0.0	45.561	1.099
23	627	628	SN	1	0.0	51.575	1.641	0.0	47.081	1.738	0.0	55.421	1.663	0.0	61.363	2.064	0.0	95.843	1.681	0.0	94.346	1.728	0.0	93.116	1.637	0.0	61.475	2.038
24	627	628	SN	1	0.0	66.439	5.205	0.0	51.715	5.234	0.0	48.944	5.014	0.0	60.288	5.854	0.0	95.7	5.271	0.0	52.194	5.226	0.0	49.239	4.95	0.0	59.997	5.804
25	628	629	SN	1	0.0	53.71	3.372	0.0	54.529	2.913	0.0	52.649	2.893	0.0	51.099	3.106	0.0	95.684	3.389	0.0	95.25	2.925	0.0	95.521	2.884	0.0	94.587	3.118
26	628	629	NS	1	0.0	47.768	1.318	0.0	61.009	1.363	0.0	47.041	1.43	0.0	52.046	1.651	0.0	95.294	1.391	0.0	95.475	1.405	0.0	90.958	1.441	0.0	51.828	1.651
27	628	629	NS	1	0.0	58.246	4.64	0.0	52.691	4.841	0.0	53.699	4.104	0.0	53.918	5.048	0.0	95.844	4.764	0.0	95.912	4.883	0.0	53.674	4.118	0.0	53.792	5.098
28	628	629	SN	1	0.0	60.636	10.335	0.0	54.628	9.823	0.0	52.612	9.199	0.0	62.234	8.986	0.0	94.764	10.417	0.0	95.379	9.848	0.0	95.513	9.128	0.0	93.613	8.979
29	629	630	SN	1	0.0	99.105	2.979	0.0	99.562	2.482	0.0	58.067	2.27	0.0	60.245	2.189	0.0	95.71	3.179	0.0	95.371	2.551	0.0	95.544	2.288	0.0	95.237	2.218
30	629	630	NS	1	0.0	55.022	4.581	0.0	54.578	5.032	0.0	60.732	4.166	0.0	47.836	5.163	0.0	95.305	4.738	0.0	95.609	5.223	0.0	60.502	4.152	0.0	47.729	5.163
31	629	630	SN	1	0.0	98.539	8.171	0.0	53.474	8.511	0.0	53.099	7.312	0.0	51.552	7.307	0.0	95.721	8.642	0.0	95.484	8.81	0.0	95.509	7.454	0.0	51.379	7.271

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

32	629	630	NS	1	0.0	47.214	1.397	0.0	47.725	1.526	0.0	42.903	1.36	0.0	43.932	1.802	0.0	95.772	1.466	0.0	95.722	1.618	0.0	42.861	1.355	0.0	43.616	1.776
33	630	631	NS	1	0.0	51.693	1.441	0.0	45.211	1.228	0.0	46.243	1.254	0.0	45.974	1.317	0.0	95.965	1.563	0.0	95.868	1.396	0.0	93.739	1.248	0.0	46.177	1.323
34	630	631	NS	1	0.0	53.438	5.252	0.0	47.287	4.7	0.0	55.4	4.096	0.0	44.356	4.389	0.0	95.893	5.551	0.0	95.929	4.965	0.0	55.497	4.16	0.0	92.866	4.368
35	630	631	SN	1	0.0	96.028	8.616	0.0	95.035	8.184	0.0	45.697	7.469	0.0	44.691	7.143	0.0	95.038	8.739	0.0	95.494	8.292	0.0	95.324	7.54	0.0	94.436	7.107
36	630	631	SN	1	0.0	98.166	2.781	0.0	95.035	2.363	0.0	59.586	2.38	0.0	52.193	2.296	0.0	95.731	2.885	0.0	95.672	2.457	0.0	95.287	2.395	0.0	94.966	2.285
37	631	632	NS	1	0.0	50.893	6.048	0.0	52.926	6.109	0.0	50.783	5.539	0.0	48.33	6.171	0.0	95.609	6.281	0.0	95.55	6.242	0.0	95.753	5.546	0.0	91.124	6.107
38	631	632	SN	1	0.0	54.567	5.768	0.0	53.907	5.592	0.0	59.219	5.594	0.0	52.301	5.6	0.0	95.266	5.958	0.0	95.041	5.65	0.0	94.274	5.608	0.0	93.783	5.621
39	631	632	NS	1	0.0	42.392	1.978	0.0	44.583	1.856	0.0	47.358	1.903	0.0	47.796	2.123	0.0	95.582	2.06	0.0	95.707	1.946	0.0	95.109	1.912	0.0	94.034	2.116
40	631	632	SN	1	0.0	48.969	1.888	0.0	45.429	1.697	0.0	48.658	1.962	0.0	58.907	1.978	0.0	95.124	1.926	0.0	95.041	1.713	0.0	93.449	1.972	0.0	93.783	1.976
41	632	633	SN	1	0.0	62.887	5.519	0.0	51.418	5.52	0.0	57.253	5.108	0.0	55.031	5.288	0.0	95.728	5.593	0.0	95.8	5.586	0.0	94.133	5.137	0.0	55.416	5.252
42	632	633	SN	1	0.0	45.542	1.721	0.0	96.745	1.647	0.0	60.115	1.657	0.0	46.385	1.793	0.0	95.728	1.781	0.0	95.432	1.682	0.0	93.283	1.646	0.0	93.783	1.811
43	632	633	NS	1	0.0	45.044	1.242	0.0	50.825	1.475	0.0	45.452	1.159	0.0	53.789	1.573	0.0	95.578	1.291	0.0	95.193	1.502	0.0	94.239	1.175	0.0	53.752	1.539
44	632	633	NS	1	0.0	52.448	3.918	0.0	53.467	5.075	0.0	48.209	3.869	0.0	44.038	4.624	0.0	95.578	4.059	0.0	95.397	5.167	0.0	93.404	3.827	0.0	44.072	4.617
45	633	634	SN	1	0.0	49.535	2.396	0.0	93.131	2.976	0.0	43.591	2.214	0.0	48.43	2.872	0.0	94.937	2.495	0.0	95.544	3.051	0.0	94.27	2.263	0.0	94.805	2.901
46	633	634	NS	1	0.0	49.778	6.376	0.0	91.142	6.269	0.0	47.368	5.249	0.0	52.624	6.237	0.0	95.321	6.409	0.0	95.263	6.311	0.0	94.589	5.213	0.0	94.462	6.208
47	633	634	NS	1	0.0	91.012	1.981	0.0	49.509	2.068	0.0	48.093	1.977	0.0	59.267	2.334	0.0	95.519	1.998	0.0	95.868	2.096	0.0	95.034	1.964	0.0	93.329	2.302
48	633	634	SN	1	0.0	45.126	0.601	0.0	96.986	0.648	0.0	42.886	0.552	0.0	46.866	0.852	0.0	95.462	0.668	0.0	95.579	0.681	0.0	94.493	0.561	0.0	94.664	0.857
49	634	635	NS	1	0.0	49.314	7.089	0.0	44.481	7.215	0.0	52.545	7.438	0.0	56.158	6.968	0.0	95.175	7.048	0.0	93.313	7.232	0.0	52.605	7.382	0.0	56.155	6.961
50	634	635	NS	1	0.0	48.633	2.451	0.0	47.689	2.326	0.0	51.365	2.402	0.0	63.2	2.628	0.0	93.019	2.457	0.0	95.632	2.317	0.0	51.421	2.406	0.0	94.318	2.623
51	634	635	SN	1	0.0	55.177	2.966	0.0	47.527	3.383	0.0	48.466	2.831	0.0	48.43	2.787	0.0	95.721	3.114	0.0	95.509	3.458	0.0	95.493	2.958	0.0	48.584	2.787
52	634	635	SN	1	0.0	48.376	0.932	0.0	46.093	0.984	0.0	49.668	0.823	0.0	47.392	0.968	0.0	95.428	1.034	0.0	95.519	1.041	0.0	95.404	0.853	0.0	94.212	0.961
53	635	636	SN	1	0.0	57.397	5.106	0.0	59.06	5.209	0.0	58.17	4.752	0.0	53.191	5.531	0.0	95.643	5.263	0.0	95.385	5.3	0.0	95.071	4.766	0.0	53.332	5.553
54	635	636	NS	1	0.0	46.869	1.52	0.0	48.939	1.698	0.0	51.651	1.506	0.0	51.241	1.892	0.0	95.726	1.589	0.0	95.988	1.69	0.0	94.809	1.499	0.0	94.001	1.856
55	635	636	SN	1	0.0	48.319	1.696	0.0	61.405	1.757	0.0	59.445	1.632	0.0	47.875	1.94	0.0	95.729	1.798	0.0	95.825	1.777	0.0	95.08	1.625	0.0	94.165	1.929
56	635	636	NS	1	0.0	50.653	5.082	0.0	50.338	5.298	0.0	53.82	4.446	0.0	45.455	5.326	0.0	95.725	5.223	0.0	94.996	5.322	0.0	53.611	4.411	0.0	45.27	5.348
57	636	637	SN	1	0.0	51.396	1.598	0.0	45.643	1.353	0.0	51.133	1.356	0.0	43.387	1.568	0.0	95.468	1.633	0.0	95.643	1.361	0.0	94.609	1.356	0.0	42.661	1.566
58	636	637	NS	1	0.0	55.373	4.143	0.0	55.698	3.755	0.0	52.525	3.786	0.0	52.151	3.616	0.0	95.953	4.231	0.0	95.723	3.824	0.0	95.59	3.802	0.0	93.889	3.595
59	636	637	SN	1	0.0	72.113	5.032	0.0	53.385	5.014	0.0	53.025	4.419	0.0	45.329	4.646	0.0	94.887	5.081	0.0	94.8	5.055	0.0	52.869	4.405	0.0	45.006	4.603
60	636	637	NS	1	0.0	63.124	12.384	0.0	52.654	12.38	0.0	56.198	11.281	0.0	53.95	10.909	0.0	95.684	12.591	0.0	95.606	12.521	0.0	95.444	11.309	0.0	53.834	10.923
61	637	638	SN	1	0.0	43.061	1.274	0.0	91.027	1.031	0.0	48.35	0.984	0.0	52.488	1.044	0.0	95.766	1.388	0.0	95.593	1.093	0.0	94.29	0.982	0.0	52.683	1.037
62	637	638	SN	1	0.0	55.242	4.793	0.0	46.951	4.332	0.0	46.921	3.263	0.0	44.834	3.674	0.0	95.556	4.974	0.0	95.798	4.499	0.0	92.538	3.305	0.0	45.389	3.666
63	637	638	NS	1	0.0	65.167	8.367	0.0	96.929	8.418	0.0	58.491	7.61	0.0	54.507	7.352	0.0	95.869	8.608	0.0	95.804	8.7	0.0	94.223	7.667	0.0	91.949	7.352
64	637	638	NS	1	0.0	100.26	2.822	0.0	99.648	2.561	0.0	51.617	2.338	0.0	51.226	2.357	0.0	95.835	2.944	0.0	95.585	2.664	0.0	94.271	2.343	0.0	94.825	2.35
65	638	639	SN	1	0.0	88.756	1.906	0.0	59.79	1.688	0.0	50.602	1.654	0.0	49.063	1.746	0.0	95.404	1.947	0.0	95.29	1.7	0.0	50.831	1.658	0.0	48.936	1.743
66	638	639	NS	1	0.0	95.806	2.006	0.0	97.69	1.525	0.0	49.557	1.748	0.0	49.948	1.817	0.0	95.541	2.046	0.0	94.825	1.554	0.0	94.869	1.749	0.0	50.061	1.805
67	638	639	SN	1	0.0	63.483	5.965	0.0	50.63	5.94	0.0	48.978	4.894	0.0	53.197	5.292	0.0	95.002	6.039	0.0	93.235	6.048	0.0	49.038	4.887	0.0	53.312	5.256

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

68	638	639	NS	1	0.0	95.806	5.96	0.0	93.46	5.313	0.0	52.409	5.556	0.0	47.097	5.655	0.0	95.571	6.044	0.0	91.169	5.421	0.0	88.2	5.556	0.0	47.086	5.641
69	639	640	SN	1	0.0	90.773	5.031	0.0	47.185	5.6	0.0	46.367	5.035	0.0	50.906	6.184	0.0	94.894	5.073	0.0	94.559	5.658	0.0	46.202	5.007	0.0	51.138	6.105
70	639	640	NS	1	0.0	95.023	5.867	0.0	54.031	5.933	0.0	50.349	5.597	0.0	51.671	6.183	0.0	94.24	5.851	0.0	93.934	5.941	0.0	94.631	5.611	0.0	91.585	6.105
71	639	640	NS	1	0.0	92.984	1.848	0.0	59.781	1.896	0.0	58.226	1.818	0.0	48.76	2.091	0.0	95.244	1.858	0.0	94.668	1.885	0.0	93.567	1.811	0.0	89.507	2.046
72	639	640	SN	1	0.0	91.044	1.714	0.0	57.87	1.811	0.0	59.643	1.652	0.0	64.262	2.13	0.0	95.418	1.725	0.0	93.827	1.82	0.0	59.579	1.638	0.0	64.37	2.143
73	640	641	NS	1	0.0	59.38	6.058	0.0	58.849	6.753	0.0	47.994	5.32	0.0	60.007	5.857	0.0	95.865	6.124	0.0	94.311	6.786	0.0	94.295	5.32	0.0	59.91	5.836
74	640	641	NS	1	0.0	91.152	1.787	0.0	96.407	1.983	0.0	49.399	1.728	0.0	48.666	1.823	0.0	95.781	1.852	0.0	95.751	2.008	0.0	93.345	1.747	0.0	92.582	1.825
75	640	641	SN	1	0.0	56.38	1.119	0.0	46.037	1.385	0.0	54.44	1.377	0.0	53.178	1.613	0.0	56.372	1.105	0.0	45.964	1.398	0.0	54.549	1.38	0.0	53.436	1.59
76	640	641	SN	1	0.0	44.243	3.859	0.0	53.497	4.271	0.0	44.762	4.0	0.0	58.763	4.42	0.0	44.134	3.867	0.0	53.592	4.312	0.0	44.622	3.965	0.0	58.838	4.412
77	641	642	NS	1	0.0	57.64	1.983	0.0	49.45	1.856	0.0	57.842	1.757	0.0	50.259	2.215	0.0	92.695	2.083	0.0	94.048	1.905	0.0	57.659	1.75	0.0	50.464	2.187
78	641	642	SN	1	0.0	55.367	2.753	0.0	51.752	2.532	0.0	53.302	2.649	0.0	49.94	2.879	0.0	95.709	2.764	0.0	95.188	2.536	0.0	94.675	2.646	0.0	49.736	2.866
79	641	642	NS	1	0.0	47.255	0.537	0.0	50.295	0.404	0.0	42.753	0.491	0.0	45.978	0.713	0.0	94.639	0.556	0.0	93.101	0.416	0.0	43.186	0.488	0.0	45.868	0.715
80	641	642	SN	1	0.0	47.73	8.835	0.0	50.853	8.558	0.0	47.021	7.823	0.0	56.119	8.147	0.0	95.419	8.959	0.0	50.893	8.558	0.0	94.953	7.759	0.0	56.366	8.089
81	642	643	NS	1	0.0	53.073	4.695	0.0	48.768	4.194	0.0	52.618	4.288	0.0	55.189	4.772	0.0	94.184	4.803	0.0	94.612	4.252	0.0	93.188	4.338	0.0	55.476	4.808
82	642	643	NS	1	0.0	46.167	1.439	0.0	97.011	1.368	0.0	53.973	1.495	0.0	51.456	1.594	0.0	94.503	1.491	0.0	95.225	1.414	0.0	94.115	1.504	0.0	90.567	1.586
83	642	643	SN	1	0.0	45.881	2.303	0.0	47.635	2.395	0.0	46.218	2.294	0.0	52.839	2.483	0.0	94.399	2.307	0.0	47.754	2.386	0.0	93.48	2.28	0.0	52.823	2.465
84	642	643	SN	1	0.0	52.736	6.527	0.0	50.734	6.815	0.0	47.122	6.688	0.0	56.083	7.286	0.0	94.775	6.544	0.0	51.459	6.798	0.0	94.502	6.61	0.0	55.988	7.243
85	643	644	NS	1	0.0	42.685	1.435	0.0	51.777	1.534	0.0	48.828	1.494	0.0	51.637	1.859	0.0	95.202	1.449	0.0	95.479	1.561	0.0	93.789	1.463	0.0	51.581	1.85
86	643	644	SN	1	0.0	98.861	2.915	0.0	92.829	2.785	0.0	49.453	2.682	0.0	61.227	2.911	0.0	95.482	3.004	0.0	95.804	2.863	0.0	94.24	2.692	0.0	94.167	2.911
87	643	644	NS	1	0.0	55.93	4.828	0.0	55.721	5.354	0.0	51.07	4.565	0.0	45.649	5.625	0.0	95.413	4.853	0.0	95.524	5.354	0.0	93.802	4.551	0.0	45.732	5.603
88	643	644	SN	1	0.0	53.356	8.899	0.0	92.829	8.46	0.0	57.1	7.978	0.0	63.656	8.714	0.0	95.779	9.163	0.0	94.564	8.643	0.0	94.577	7.964	0.0	64.024	8.664
89	644	645	NS	1	0.0	48.551	2.646	0.0	42.295	2.71	0.0	49.659	2.439	0.0	43.553	2.933	0.0	95.965	2.995	0.0	95.606	3.008	0.0	49.417	2.446	0.0	43.63	2.933
90	644	645	SN	1	0.0	51.93	7.451	0.0	66.764	7.005	0.0	54.42	6.29	0.0	50.384	6.365	0.0	95.82	7.798	0.0	95.541	7.221	0.0	95.803	6.368	0.0	94.855	6.422
91	644	645	SN	1	0.0	46.778	2.197	0.0	93.221	2.183	0.0	52.123	1.979	0.0	52.024	2.221	0.0	95.857	2.338	0.0	95.813	2.263	0.0	95.612	1.992	0.0	95.23	2.22
92	644	645	NS	1	0.0	44.636	0.663	0.0	42.85	0.638	0.0	42.68	0.598	0.0	44.543	0.91	0.0	95.879	0.889	0.0	95.851	0.887	0.0	94.799	0.612	0.0	94.866	0.908
93	645	646	NS	1	0.0	57.171	2.324	0.0	44.775	2.059	0.0	56.529	2.182	0.0	47.962	2.48	0.0	95.851	2.559	0.0	95.85	2.132	0.0	93.898	2.196	0.0	47.879	2.475
94	645	646	SN	1	0.0	53.76	2.618	0.0	53.147	2.368	0.0	50.562	2.225	0.0	48.933	2.275	0.0	95.421	2.674	0.0	95.873	2.385	0.0	95.343	2.227	0.0	48.644	2.254
95	645	646	NS	1	0.0	50.161	7.78	0.0	56.09	7.234	0.0	55.056	6.67	0.0	51.41	7.57	0.0	95.529	8.029	0.0	95.466	7.425	0.0	55.3	6.699	0.0	51.579	7.605
96	645	646	SN	1	0.0	52.968	7.429	0.0	53.392	7.531	0.0	62.675	7.215	0.0	52.965	7.003	0.0	94.783	7.519	0.0	94.411	7.531	0.0	95.343	7.215	0.0	52.726	6.989
97	646	647	SN	1	0.0	99.933	2.113	0.0	92.76	1.956	0.0	45.754	2.145	0.0	49.147	2.071	0.0	95.626	2.154	0.0	95.599	1.992	0.0	93.282	2.14	0.0	94.039	2.083
98	646	647	SN	1	0.0	97.797	6.586	0.0	94.096	6.276	0.0	52.875	5.938	0.0	52.279	5.98	0.0	95.728	6.652	0.0	95.732	6.385	0.0	93.673	5.967	0.0	52.085	5.937
99	646	647	NS	1	0.0	54.632	1.945	0.0	44.294	1.768	0.0	51.493	1.746	0.0	61.518	1.867	0.0	95.56	1.985	0.0	95.662	1.797	0.0	95.46	1.753	0.0	61.109	1.851
100	646	647	NS	1	0.0	58.503	6.117	0.0	46.005	5.745	0.0	47.728	5.257	0.0	55.967	5.391	0.0	94.534	6.208	0.0	95.729	5.878	0.0	95.437	5.271	0.0	94.783	5.335
101	647	648	NS	1	0.0	55.424	4.092	0.0	89.646	5.272	0.0	57.408	5.043	0.0	50.592	5.81	0.0	95.35	4.175	0.0	95.894	5.33	0.0	95.225	5.072	0.0	50.611	5.788
102	647	648	NS	1	0.0	49.603	1.412	0.0	92.189	1.768	0.0	48.424	1.702	0.0	44.515	2.11	0.0	95.515	1.467	0.0	95.609	1.793	0.0	94.894	1.7	0.0	44.707	2.075
103	647	648	SN	1	0.0	51.944	4.71	0.0	48.166	5.47	0.0	54.608	4.051	0.0	58.43	4.444	0.0	95.857	4.924	0.0	95.746	5.661	0.0	94.664	4.079	0.0	58.453	4.473

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

104	647	648	SN	1	0.0	45.158	1.315	0.0	52.248	1.298	0.0	49.113	1.152	0.0	51.721	1.466	0.0	95.506	1.384	0.0	95.06	1.356	0.0	94.464	1.159	0.0	51.496	1.464
105	648	649	NS	1	0.0	55.256	5.224	0.0	47.85	5.188	0.0	44.738	4.753	0.0	46.399	5.248	0.0	94.678	5.232	0.0	94.755	5.196	0.0	44.494	4.746	0.0	46.376	5.248
106	648	649	NS	1	0.0	50.299	1.593	0.0	48.803	1.593	0.0	47.788	1.647	0.0	50.493	1.935	0.0	95.65	1.606	0.0	95.08	1.599	0.0	94.375	1.626	0.0	50.575	1.919
107	648	649	SN	1	0.0	95.102	0.422	0.0	46.492	0.535	0.0	39.018	0.403	0.0	42.853	0.631	0.0	95.747	0.506	0.0	95.446	0.591	0.0	95.2	0.418	0.0	42.878	0.622
108	648	649	SN	1	0.0	46.936	1.975	0.0	59.3	2.302	0.0	47.742	1.787	0.0	47.063	2.398	0.0	94.675	2.181	0.0	95.237	2.476	0.0	95.738	1.851	0.0	47.012	2.405
109	649	650	SN	1	0.0	47.295	1.546	0.0	59.847	1.704	0.0	50.268	1.582	0.0	48.608	1.877	0.0	95.91	1.752	0.0	95.934	1.811	0.0	94.766	1.578	0.0	94.064	1.856
110	649	650	SN	1	0.0	49.719	4.693	0.0	48.044	4.852	0.0	54.273	4.596	0.0	54.454	5.489	0.0	95.884	5.114	0.0	95.807	5.027	0.0	94.5	4.589	0.0	95.185	5.446
111	649	650	NS	1	0.0	55.429	2.673	0.0	48.746	2.722	0.0	50.607	2.654	0.0	57.909	2.862	0.0	95.521	2.723	0.0	95.175	2.734	0.0	50.311	2.629	0.0	58.03	2.844
112	649	650	NS	1	0.0	51.48	8.483	0.0	50.686	8.258	0.0	52.152	7.348	0.0	57.128	8.055	0.0	95.662	8.557	0.0	94.306	8.291	0.0	52.3	7.312	0.0	56.96	8.055
113	650	651	SN	1	0.0	44.199	1.178	0.0	49.547	1.254	0.0	47.73	1.115	0.0	44.643	1.593	0.0	95.662	1.269	0.0	95.785	1.392	0.0	94.33	1.106	0.0	94.177	1.58
114	650	651	SN	1	0.0	70.413	3.76	0.0	48.891	4.282	0.0	52.928	3.631	0.0	46.235	4.596	0.0	95.647	4.016	0.0	95.92	4.523	0.0	52.588	3.631	0.0	94.722	4.61
115	650	651	NS	1	0.0	93.906	8.283	0.0	57.615	8.739	0.0	70.254	7.96	0.0	48.412	9.042	0.0	95.428	8.374	0.0	94.599	8.697	0.0	95.343	7.982	0.0	48.435	9.049
116	650	651	NS	1	0.0	95.215	2.843	0.0	56.93	2.93	0.0	55.188	2.883	0.0	48.635	3.141	0.0	95.876	2.921	0.0	95.619	2.944	0.0	95.296	2.896	0.0	94.474	3.124

Parameter Specifications	Parameters	SNR	Sigma0
	Range	20.0	20.0

■ Normal ■ Deviations
■ Alarming ■ High Errors

Sr No	Start Orbit	End Orbit	Dir.	Ver.	Azimuth Angle												Incidence Angle											
					Inner Aft			Inner Fore			Outer Aft			Outer Fore			Inner Aft			Inner Fore			Outer Aft			Outer Fore		
					Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)
1	622	623	SN	1	0.0	41.931	12.589	0.0	41.625	12.993	0.0	23.593	4.306	0.0	22.617	4.249	0.0	1.854	0.0	0.0	1.842	0.0	0.0	2.201	0.0	0.0	2.184	0.0
2	622	623	SN	1	0.0	43.844	24.484	0.0	45.703	24.637	0.0	27.332	13.079	0.0	26.08	13.383	0.0	1.854	0.0	0.0	1.843	0.0	0.0	2.201	0.0	0.0	2.186	0.0
3	622	623	NS	1	0.0	44.164	24.642	0.0	45.416	25.396	0.0	27.525	14.55	0.0	29.588	15.038	0.0	1.858	0.0	0.0	1.867	0.0	0.0	2.201	0.0	0.0	2.217	0.0
4	622	623	NS	1	0.0	35.941	12.344	0.0	37.883	13.302	0.0	22.904	5.245	0.0	23.654	5.809	0.0	1.857	0.0	0.0	1.867	0.0	0.0	2.201	0.0	0.0	2.216	0.0
5	623	624	SN	1	0.0	41.252	12.615	0.0	41.614	13.01	0.0	23.643	4.322	0.0	22.628	4.28	0.0	1.855	0.0	0.0	1.842	0.0	0.0	2.201	0.0	0.0	2.184	0.0
6	623	624	NS	1	0.0	43.767	24.458	0.0	45.719	24.162	0.0	27.101	14.223	0.0	30.823	13.403	0.0	1.857	0.0	0.0	1.866	0.0	0.0	2.201	0.0	0.0	2.216	0.0
7	623	624	NS	1	0.0	41.354	12.362	0.0	41.693	12.853	0.0	22.722	5.118	0.0	23.714	4.921	0.0	1.856	0.0	0.0	1.866	0.0	0.0	2.201	0.0	0.0	2.216	0.0
8	623	624	SN	1	0.0	43.85	24.49	0.0	45.719	24.611	0.0	27.321	13.058	0.0	26.086	13.401	0.0	1.854	0.0	0.0	1.843	0.0	0.0	2.202	0.0	0.0	2.186	0.0
9	624	625	NS	1	0.0	41.36	12.385	0.0	41.699	12.908	0.0	22.694	5.095	0.0	24.553	5.008	0.0	1.857	0.0	0.0	1.866	0.0	0.0	2.199	0.0	0.0	2.215	0.0
10	624	625	SN	1	0.0	43.883	24.498	0.0	45.747	24.634	0.0	27.255	13.093	0.0	26.108	13.393	0.0	1.855	0.0	0.0	1.844	0.0	0.0	2.202	0.0	0.0	2.186	0.0
11	624	625	SN	1	0.0	41.236	12.619	0.0	41.773	12.951	0.0	23.654	4.398	0.0	22.645	4.317	0.0	1.855	0.0	0.0	1.843	0.0	0.0	2.202	0.0	0.0	2.185	0.0
12	624	625	NS	1	0.0	43.056	24.537	0.0	46.028	24.273	0.0	27.062	14.132	0.0	30.818	13.506	0.0	1.856	0.0	0.0	1.866	0.0	0.0	2.201	0.0	0.0	2.216	0.0
13	625	626	NS	1	0.0	41.172	12.4	0.0	40.723	12.896	0.0	22.694	5.113	0.0	24.161	4.985	0.0	1.856	0.0	0.0	1.866	0.0	0.0	2.199	0.0	0.0	2.215	0.0
14	625	626	SN	1	0.0	41.787	12.642	0.0	41.443	12.988	0.0	24.415	4.448	0.0	21.895	4.341	0.0	1.855	0.0	0.0	1.843	0.0	0.0	2.202	0.0	0.0	2.185	0.0
15	625	626	SN	1	0.0	44.252	24.55	0.0	44.534	24.709	0.0	27.211	13.084	0.0	25.441	13.434	0.0	1.855	0.0	0.0	1.843	0.0	0.0	2.202	0.0	0.0	2.186	0.0
16	625	626	NS	1	0.0	43.05	24.556	0.0	46.023	24.308	0.0	27.057	14.156	0.0	30.812	13.57	0.0	1.857	0.0	0.0	1.866	0.0	0.0	2.2	0.0	0.0	2.216	0.0
17	626	627	NS	1	0.0	43.011	24.575	0.0	46.602	24.308	0.0	26.588	14.16	0.0	29.665	13.537	0.0	1.856	0.0	0.0	1.866	0.0	0.0	2.2	0.0	0.0	2.215	0.0
18	626	627	NS	1	0.0	41.564	12.41	0.0	40.96	12.911	0.0	22.711	5.112	0.0	24.9	4.969	0.0	1.856	0.0	0.0	1.865	0.0	0.0	2.2	0.0	0.0	2.215	0.0
19	626	627	SN	1	0.0	41.914	12.628	0.0	41.437	12.982	0.0	24.404	4.446	0.0	21.906	4.378	0.0	1.855	0.0	0.0	1.844	0.0	0.0	2.202	0.0	0.0	2.185	0.0
20	626	627	SN	1	0.0	44.258	24.57	0.0	44.55	24.759	0.0	27.233	13.199	0.0	25.457	13.496	0.0	1.855	0.0	0.0	1.845	0.0	0.0	2.202	0.0	0.0	2.186	0.0
21	627	628	NS	1	0.0	43.017	24.575	0.0	46.591	24.314	0.0	26.571	14.217	0.0	29.654	13.538	0.0	1.857	0.0	0.0	1.866	0.0	0.0	2.2	0.0	0.0	2.215	0.0
22	627	628	NS	1	0.0	41.404	12.402	0.0	40.976	12.909	0.0	22.683	5.106	0.0	24.884	4.972	0.0	1.856	0.0	0.0	1.866	0.0	0.0	2.199	0.0	0.0	2.215	0.0
23	627	628	SN	1	0.0	41.897	12.626	0.0	41.586	12.965	0.0	23.698	4.471	0.0	21.928	4.374	0.0	1.855	0.0	0.0	1.843	0.0	0.0	2.202	0.0	0.0	2.185	0.0
24	627	628	SN	1	0.0	44.247	24.62	0.0	44.567	24.726	0.0	27.244	13.106	0.0	25.474	13.515	0.0	1.855	0.0	0.0	1.845	0.0	0.0	2.202	0.0	0.0	2.186	0.0
25	628	629	SN	1	0.0	41.732	12.628	0.0	41.183	12.966	0.0	24.542	4.437	0.0	22.126	4.36	0.0	1.855	0.0	0.0	1.844	0.0	0.0	2.202	0.0	0.0	2.185	0.0
26	628	629	NS	1	0.0	41.393	12.404	0.0	40.987	12.845	0.0	22.468	5.14	0.0	24.878	4.896	0.0	1.856	0.0	0.0	1.866	0.0	0.0	2.199	0.0	0.0	2.215	0.0
27	628	629	NS	1	0.0	43.011	24.552	0.0	44.561	24.206	0.0	26.908	14.276	0.0	29.638	13.356	0.0	1.857	0.0	0.0	1.866	0.0	0.0	2.2	0.0	0.0	2.215	0.0
28	628	629	SN	1	0.0	43.717	24.535	0.0	45.063	24.674	0.0	27.729	13.142	0.0	25.948	13.444	0.0	1.855	0.0	0.0	1.844	0.0	0.0	2.202	0.0	0.0	2.186	0.0
29	629	630	SN	1	0.0	41.699	12.619	0.0	41.36	12.976	0.0	23.896	4.402	0.0	22.148	4.322	0.0	1.855	0.0	0.0	1.844	0.0	0.0	2.201	0.0	0.0	2.185	0.0
30	629	630	NS	1	0.0	44.258	24.587	0.0	46.558	24.331	0.0	27.603	14.219	0.0	29.632	13.536	0.0	1.856	0.0	0.0	1.866	0.0	0.0	2.201	0.0	0.0	2.216	0.0
31	629	630	SN	1	0.0	43.315	24.488	0.0	45.091	24.634	0.0	26.946	13.135	0.0	25.805	13.393	0.0	1.855	0.0	0.0	1.844	0.0	0.0	2.202	0.0	0.0	2.186	0.0

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

32	629	630	NS	1	0.0	41.768	12.388	0.0	41.225	12.915	0.0	22.43	5.097	0.0	24.867	4.995	0.0	1.856	0.0	0.0	1.866	0.0	0.0	2.2	0.0	0.0	2.215	0.0
33	630	631	NS	1	0.0	41.614	12.384	0.0	41.23	12.91	0.0	23.152	5.091	0.0	24.79	4.993	0.0	1.856	0.0	0.0	1.866	0.0	0.0	2.199	0.0	0.0	2.215	0.0
34	630	631	NS	1	0.0	44.219	24.519	0.0	46.547	24.312	0.0	26.511	14.178	0.0	30.481	13.571	0.0	1.856	0.0	0.0	1.866	0.0	0.0	2.2	0.0	0.0	2.216	0.0
35	630	631	SN	1	0.0	43.32	24.5	0.0	45.107	24.668	0.0	26.941	13.114	0.0	25.534	13.407	0.0	1.855	0.0	0.0	1.844	0.0	0.0	2.202	0.0	0.0	2.185	0.0
36	630	631	SN	1	0.0	41.71	12.599	0.0	41.36	12.992	0.0	23.582	4.386	0.0	22.165	4.308	0.0	1.855	0.0	0.0	1.842	0.0	0.0	2.202	0.0	0.0	2.184	0.0
37	631	632	NS	1	0.0	44.208	24.55	0.0	46.541	24.304	0.0	26.505	14.142	0.0	29.621	13.563	0.0	1.857	0.0	0.0	1.866	0.0	0.0	2.2	0.0	0.0	2.215	0.0
38	631	632	SN	1	0.0	43.331	24.535	0.0	44.622	24.701	0.0	26.952	13.062	0.0	25.534	13.4	0.0	1.855	0.0	0.0	1.844	0.0	0.0	2.202	0.0	0.0	2.185	0.0
39	631	632	NS	1	0.0	41.625	12.406	0.0	41.059	12.912	0.0	23.157	5.102	0.0	24.79	4.97	0.0	1.856	0.0	0.0	1.865	0.0	0.0	2.198	0.0	0.0	2.215	0.0
40	631	632	SN	1	0.0	41.693	12.607	0.0	41.349	12.975	0.0	24.454	4.395	0.0	21.79	4.309	0.0	1.855	0.0	0.0	1.844	0.0	0.0	2.202	0.0	0.0	2.184	0.0
41	632	633	SN	1	0.0	43.795	24.603	0.0	44.644	24.63	0.0	27.189	13.147	0.0	26.003	13.441	0.0	1.855	0.0	0.0	1.842	0.0	0.0	2.202	0.0	0.0	2.185	0.0
42	632	633	SN	1	0.0	41.533	12.611	0.0	41.856	12.966	0.0	24.078	4.424	0.0	22.363	4.319	0.0	1.855	0.0	0.0	1.843	0.0	0.0	2.202	0.0	0.0	2.184	0.0
43	632	633	NS	1	0.0	41.801	12.405	0.0	41.258	12.919	0.0	22.948	5.121	0.0	24.784	4.956	0.0	1.856	0.0	0.0	1.865	0.0	0.0	2.198	0.0	0.0	2.214	0.0
44	632	633	NS	1	0.0	44.23	24.564	0.0	46.122	24.341	0.0	27.167	14.212	0.0	29.621	13.553	0.0	1.856	0.0	0.0	1.865	0.0	0.0	2.2	0.0	0.0	2.215	0.0
45	633	634	SN	1	0.0	43.784	24.556	0.0	44.649	24.655	0.0	27.183	13.105	0.0	26.025	13.468	0.0	1.855	0.0	0.0	1.844	0.0	0.0	2.202	0.0	0.0	2.186	0.0
46	633	634	NS	1	0.0	44.203	24.591	0.0	45.449	24.372	0.0	27.15	14.175	0.0	29.61	13.553	0.0	1.856	0.0	0.0	1.866	0.0	0.0	2.2	0.0	0.0	2.215	0.0
47	633	634	NS	1	0.0	41.801	12.397	0.0	41.258	12.901	0.0	22.937	5.142	0.0	23.676	4.962	0.0	1.856	0.0	0.0	1.865	0.0	0.0	2.199	0.0	0.0	2.215	0.0
48	633	634	SN	1	0.0	41.489	12.636	0.0	41.834	12.966	0.0	23.588	4.434	0.0	22.385	4.357	0.0	1.855	0.0	0.0	1.844	0.0	0.0	2.202	0.0	0.0	2.185	0.0
49	634	635	NS	1	0.0	42.314	24.539	0.0	44.401	24.297	0.0	27.128	14.209	0.0	29.544	13.371	0.0	1.857	0.0	0.0	1.866	0.0	0.0	2.2	0.0	0.0	2.216	0.0
50	634	635	NS	1	0.0	41.823	12.388	0.0	41.473	12.877	0.0	22.942	5.129	0.0	23.61	4.904	0.0	1.856	0.0	0.0	1.866	0.0	0.0	2.199	0.0	0.0	2.215	0.0
51	634	635	SN	1	0.0	43.817	24.519	0.0	44.677	24.62	0.0	27.2	13.117	0.0	26.036	13.454	0.0	1.855	0.0	0.0	1.845	0.0	0.0	2.202	0.0	0.0	2.186	0.0
52	634	635	SN	1	0.0	41.5	12.628	0.0	41.117	12.949	0.0	23.621	4.435	0.0	22.396	4.372	0.0	1.855	0.0	0.0	1.844	0.0	0.0	2.202	0.0	0.0	2.185	0.0
53	635	636	SN	1	0.0	44.208	24.513	0.0	45.692	24.664	0.0	29.627	13.058	0.0	26.378	13.461	0.0	1.856	0.0	0.0	1.844	0.0	0.0	2.203	0.0	0.0	2.186	0.0
54	635	636	NS	1	0.0	41.823	12.376	0.0	41.302	12.889	0.0	22.931	5.114	0.0	24.321	4.99	0.0	1.856	0.0	0.0	1.866	0.0	0.0	2.199	0.0	0.0	2.216	0.0
55	635	636	SN	1	0.0	41.285	12.641	0.0	41.652	12.973	0.0	24.795	4.453	0.0	22.612	4.363	0.0	1.856	0.0	0.0	1.845	0.0	0.0	2.202	0.0	0.0	2.186	0.0
56	635	636	NS	1	0.0	44.164	24.564	0.0	45.422	24.374	0.0	27.514	14.199	0.0	29.588	13.536	0.0	1.857	0.0	0.0	1.866	0.0	0.0	2.2	0.0	0.0	2.216	0.0
57	636	637	SN	1	0.0	41.263	12.615	0.0	41.796	12.949	0.0	23.621	4.432	0.0	22.634	4.349	0.0	1.855	0.0	0.0	1.845	0.0	0.0	2.202	0.0	0.0	2.186	0.0
58	636	637	NS	1	0.0	41.332	12.398	0.0	41.677	12.835	0.0	22.716	5.1	0.0	23.715	4.906	0.0	1.856	0.0	0.0	1.866	0.0	0.0	2.201	0.0	0.0	2.215	0.0
59	636	637	SN	1	0.0	43.861	24.515	0.0	45.719	24.636	0.0	28.138	13.072	0.0	26.4	13.436	0.0	1.855	0.0	0.0	1.844	0.0	0.0	2.203	0.0	0.0	2.186	0.0
60	636	637	NS	1	0.0	43.039	24.552	0.0	45.725	24.146	0.0	27.084	14.148	0.0	30.823	13.324	0.0	1.856	0.0	0.0	1.866	0.0	0.0	2.2	0.0	0.0	2.216	0.0
61	637	638	SN	1	0.0	41.247	12.635	0.0	41.796	12.96	0.0	23.643	4.414	0.0	22.65	4.342	0.0	1.855	0.0	0.0	1.843	0.0	0.0	2.202	0.0	0.0	2.184	0.0
62	637	638	SN	1	0.0	43.883	24.541	0.0	45.741	24.68	0.0	28.496	13.1	0.0	26.422	13.451	0.0	1.855	0.0	0.0	1.845	0.0	0.0	2.203	0.0	0.0	2.186	0.0
63	637	638	NS	1	0.0	43.061	24.587	0.0	46.028	24.294	0.0	27.068	14.147	0.0	30.812	13.484	0.0	1.856	0.0	0.0	1.866	0.0	0.0	2.2	0.0	0.0	2.215	0.0
64	637	638	NS	1	0.0	41.172	12.394	0.0	40.723	12.887	0.0	22.711	5.123	0.0	24.172	4.982	0.0	1.856	0.0	0.0	1.866	0.0	0.0	2.199	0.0	0.0	2.215	0.0
65	638	639	SN	1	0.0	41.936	12.632	0.0	41.426	13.01	0.0	24.404	4.475	0.0	21.895	4.371	0.0	1.856	0.0	0.0	1.843	0.0	0.0	2.203	0.0	0.0	2.185	0.0
66	638	639	NS	1	0.0	41.172	12.396	0.0	41.522	12.823	0.0	22.716	5.119	0.0	23.654	4.844	0.0	1.855	0.0	0.0	1.865	0.0	0.0	2.198	0.0	0.0	2.215	0.0
67	638	639	SN	1	0.0	44.252	24.62	0.0	44.534	24.788	0.0	28.513	13.156	0.0	25.441	13.533	0.0	1.856	0.0	0.0	1.845	0.0	0.0	2.203	0.0	0.0	2.186	0.0
68	638	639	NS	1	0.0	43.05	24.581	0.0	45.366	24.174	0.0	27.068	14.028	0.0	29.56	13.265	0.0	1.856	0.0	0.0	1.865	0.0	0.0	2.2	0.0	0.0	2.215	0.0

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

69	639	640	SN	1	0.0	44.274	24.62	0.0	44.55	24.784	0.0	28.507	13.156	0.0	25.452	13.545	0.0	1.856	0.0	0.0	1.843	0.0	0.0	2.203	0.0	0.0	2.186	0.0
70	639	640	NS	1	0.0	43.05	24.631	0.0	46.613	24.343	0.0	26.593	14.089	0.0	29.676	13.609	0.0	1.856	0.0	0.0	1.865	0.0	0.0	2.199	0.0	0.0	2.215	0.0
71	639	640	NS	1	0.0	41.376	12.421	0.0	41.704	12.891	0.0	22.683	5.153	0.0	24.895	4.946	0.0	1.856	0.0	0.0	1.865	0.0	0.0	2.198	0.0	0.0	2.214	0.0
72	639	640	SN	1	0.0	41.92	12.63	0.0	41.603	12.992	0.0	24.404	4.522	0.0	21.906	4.403	0.0	1.856	0.0	0.0	1.844	0.0	0.0	2.203	0.0	0.0	2.185	0.0
73	640	641	NS	1	0.0	43.011	24.67	0.0	46.591	24.327	0.0	26.588	14.104	0.0	29.654	13.609	0.0	1.856	0.0	0.0	1.865	0.0	0.0	2.199	0.0	0.0	2.215	0.0
74	640	641	NS	1	0.0	41.178	12.418	0.0	41.544	12.886	0.0	22.474	5.17	0.0	24.895	4.912	0.0	1.855	0.0	0.0	1.865	0.0	0.0	2.197	0.0	0.0	2.214	0.0
75	640	641	SN	1	0.0	41.908	12.617	0.0	41.591	12.97	0.0	24.42	4.519	0.0	21.928	4.454	0.0	1.856	0.0	0.0	1.844	0.0	0.0	2.203	0.0	0.0	2.185	0.0
76	640	641	SN	1	0.0	44.269	24.665	0.0	44.561	24.759	0.0	27.261	13.149	0.0	25.468	13.594	0.0	1.856	0.0	0.0	1.844	0.0	0.0	2.203	0.0	0.0	2.186	0.0
77	641	642	NS	1	0.0	43.006	24.647	0.0	45.339	24.364	0.0	26.93	14.104	0.0	30.007	13.588	0.0	1.856	0.0	0.0	1.865	0.0	0.0	2.199	0.0	0.0	2.215	0.0
78	641	642	SN	1	0.0	41.908	12.617	0.0	41.597	12.948	0.0	23.714	4.543	0.0	21.944	4.465	0.0	1.856	0.0	0.0	1.845	0.0	0.0	2.203	0.0	0.0	2.186	0.0
79	641	642	NS	1	0.0	41.211	12.431	0.0	41.567	12.89	0.0	22.468	5.196	0.0	23.985	4.905	0.0	1.855	0.0	0.0	1.865	0.0	0.0	2.198	0.0	0.0	2.214	0.0
80	641	642	SN	1	0.0	43.304	24.653	0.0	44.583	24.744	0.0	26.919	13.256	0.0	25.485	13.58	0.0	1.856	0.0	0.0	1.845	0.0	0.0	2.203	0.0	0.0	2.186	0.0
81	642	643	NS	1	0.0	44.236	24.612	0.0	46.563	24.283	0.0	27.636	14.009	0.0	29.638	13.6	0.0	1.855	0.0	0.0	1.865	0.0	0.0	2.199	0.0	0.0	2.215	0.0
82	642	643	NS	1	0.0	41.591	12.424	0.0	40.993	12.866	0.0	22.457	5.144	0.0	24.806	4.906	0.0	1.855	0.0	0.0	1.865	0.0	0.0	2.199	0.0	0.0	2.214	0.0
83	642	643	SN	1	0.0	41.726	12.648	0.0	41.382	12.96	0.0	24.52	4.569	0.0	22.143	4.441	0.0	1.856	0.0	0.0	1.845	0.0	0.0	2.203	0.0	0.0	2.185	0.0
84	642	643	SN	1	0.0	43.734	24.539	0.0	45.08	24.666	0.0	28.402	13.234	0.0	25.965	13.515	0.0	1.856	0.0	0.0	1.846	0.0	0.0	2.203	0.0	0.0	2.186	0.0
85	643	644	NS	1	0.0	41.426	12.411	0.0	41.015	12.878	0.0	23.157	5.16	0.0	24.795	4.903	0.0	1.855	0.0	0.0	1.865	0.0	0.0	2.198	0.0	0.0	2.214	0.0
86	643	644	SN	1	0.0	41.721	12.647	0.0	41.365	12.959	0.0	23.908	4.527	0.0	22.165	4.427	0.0	1.856	0.0	0.0	1.845	0.0	0.0	2.203	0.0	0.0	2.186	0.0
87	643	644	NS	1	0.0	44.236	24.554	0.0	46.547	24.291	0.0	26.522	14.065	0.0	29.632	13.55	0.0	1.856	0.0	0.0	1.865	0.0	0.0	2.199	0.0	0.0	2.215	0.0
88	643	644	SN	1	0.0	43.326	24.605	0.0	45.107	24.699	0.0	28.424	13.198	0.0	25.981	13.529	0.0	1.856	0.0	0.0	1.845	0.0	0.0	2.203	0.0	0.0	2.186	0.0
89	644	645	NS	1	0.0	44.219	24.612	0.0	46.53	24.312	0.0	26.505	14.052	0.0	29.616	13.649	0.0	1.856	0.0	0.0	1.865	0.0	0.0	2.199	0.0	0.0	2.215	0.0
90	644	645	SN	1	0.0	44.335	24.601	0.0	45.124	24.695	0.0	28.551	13.183	0.0	25.832	13.515	0.0	1.856	0.0	0.0	1.845	0.0	0.0	2.203	0.0	0.0	2.186	0.0
91	644	645	SN	1	0.0	41.704	12.631	0.0	41.36	12.981	0.0	23.908	4.493	0.0	22.181	4.409	0.0	1.856	0.0	0.0	1.844	0.0	0.0	2.203	0.0	0.0	2.186	0.0
92	644	645	NS	1	0.0	41.625	12.4	0.0	41.032	12.882	0.0	23.135	5.156	0.0	23.792	4.954	0.0	1.856	0.0	0.0	1.865	0.0	0.0	2.198	0.0	0.0	2.214	0.0
93	645	646	NS	1	0.0	41.465	12.399	0.0	41.787	12.884	0.0	23.135	5.176	0.0	24.476	4.913	0.0	1.855	0.0	0.0	1.865	0.0	0.0	2.199	0.0	0.0	2.214	0.0
94	645	646	SN	1	0.0	41.522	12.616	0.0	41.856	12.987	0.0	24.685	4.482	0.0	22.374	4.385	0.0	1.856	0.0	0.0	1.845	0.0	0.0	2.203	0.0	0.0	2.185	0.0
95	645	646	NS	1	0.0	44.208	24.608	0.0	46.525	24.296	0.0	26.478	14.059	0.0	29.616	13.627	0.0	1.855	0.0	0.0	1.865	0.0	0.0	2.199	0.0	0.0	2.215	0.0
96	645	646	SN	1	0.0	43.795	24.591	0.0	44.649	24.697	0.0	27.178	13.097	0.0	26.009	13.513	0.0	1.856	0.0	0.0	1.845	0.0	0.0	2.203	0.0	0.0	2.186	0.0
97	646	647	SN	1	0.0	41.533	12.611	0.0	41.845	12.96	0.0	24.073	4.508	0.0	22.385	4.405	0.0	1.856	0.0	0.0	1.846	0.0	0.0	2.203	0.0	0.0	2.185	0.0
98	646	647	SN	1	0.0	43.811	24.626	0.0	44.666	24.674	0.0	27.305	13.189	0.0	26.025	13.525	0.0	1.856	0.0	0.0	1.845	0.0	0.0	2.203	0.0	0.0	2.186	0.0
99	646	647	NS	1	0.0	41.641	12.452	0.0	41.269	12.894	0.0	22.942	5.169	0.0	23.681	4.877	0.0	1.855	0.0	0.0	1.865	0.0	0.0	2.198	0.0	0.0	2.214	0.0
100	646	647	NS	1	0.0	44.203	24.668	0.0	45.444	24.299	0.0	27.145	14.121	0.0	29.61	13.617	0.0	1.856	0.0	0.0	1.865	0.0	0.0	2.199	0.0	0.0	2.214	0.0
101	647	648	NS	1	0.0	44.203	24.604	0.0	45.438	24.364	0.0	27.128	14.149	0.0	29.599	13.615	0.0	1.856	0.0	0.0	1.865	0.0	0.0	2.199	0.0	0.0	2.215	0.0
102	647	648	NS	1	0.0	41.658	12.441	0.0	41.07	12.883	0.0	22.926	5.166	0.0	23.676	4.891	0.0	1.855	0.0	0.0	1.865	0.0	0.0	2.198	0.0	0.0	2.214	0.0
103	647	648	SN	1	0.0	43.822	24.63	0.0	44.683	24.699	0.0	28.485	13.168	0.0	26.042	13.583	0.0	1.856	0.0	0.0	1.846	0.0	0.0	2.203	0.0	0.0	2.186	0.0
104	647	648	SN	1	0.0	41.495	12.624	0.0	41.112	12.95	0.0	24.691	4.513	0.0	22.402	4.428	0.0	1.856	0.0	0.0	1.845	0.0	0.0	2.204	0.0	0.0	2.185	0.0
105	648	649	NS	1	0.0	44.175	24.616	0.0	45.422	24.349	0.0	27.52	14.067	0.0	29.593	13.621	0.0	1.855	0.0	0.0	1.865	0.0	0.0	2.199	0.0	0.0	2.215	0.0

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

106	648	649	NS	1	0.0	41.658	12.4	0.0	41.285	12.891	0.0	22.915	5.158	0.0	24.327	4.905	0.0	1.855	0.0	0.0	1.865	0.0	0.0	2.198	0.0	0.0	2.214	0.0
107	648	649	SN	1	0.0	41.285	12.635	0.0	41.658	12.976	0.0	24.812	4.553	0.0	21.503	4.45	0.0	1.857	0.0	0.0	1.846	0.0	0.0	2.204	0.0	0.0	2.186	0.0
108	648	649	SN	1	0.0	44.23	24.583	0.0	45.697	24.72	0.0	29.654	13.192	0.0	26.378	13.555	0.0	1.856	0.0	0.0	1.844	0.0	0.0	2.204	0.0	0.0	2.187	0.0
109	649	650	SN	1	0.0	41.258	12.642	0.0	41.641	12.975	0.0	24.795	4.533	0.0	21.525	4.469	0.0	1.857	0.0	0.0	1.845	0.0	0.0	2.204	0.0	0.0	2.185	0.0
110	649	650	SN	1	0.0	44.225	24.572	0.0	45.725	24.734	0.0	29.632	13.143	0.0	26.406	13.532	0.0	1.857	0.0	0.0	1.844	0.0	0.0	2.204	0.0	0.0	2.186	0.0
111	649	650	NS	1	0.0	41.117	12.388	0.0	41.489	12.885	0.0	22.727	5.149	0.0	24.553	4.938	0.0	1.855	0.0	0.0	1.865	0.0	0.0	2.199	0.0	0.0	2.215	0.0
112	649	650	NS	1	0.0	43.067	24.577	0.0	46.05	24.286	0.0	27.095	14.012	0.0	30.823	13.634	0.0	1.856	0.0	0.0	1.865	0.0	0.0	2.199	0.0	0.0	2.215	0.0
113	650	651	SN	1	0.0	41.258	12.64	0.0	41.779	12.949	0.0	24.812	4.553	0.0	22.65	4.465	0.0	1.857	0.0	0.0	1.846	0.0	0.0	2.204	0.0	0.0	2.186	0.0
114	650	651	SN	1	0.0	43.905	24.591	0.0	45.752	24.661	0.0	29.654	13.128	0.0	26.433	13.509	0.0	1.857	0.0	0.0	1.845	0.0	0.0	2.204	0.0	0.0	2.187	0.0
115	650	651	NS	1	0.0	43.05	24.633	0.0	46.023	24.302	0.0	27.073	14.036	0.0	30.812	13.648	0.0	1.856	0.0	0.0	1.865	0.0	0.0	2.199	0.0	0.0	2.215	0.0
116	650	651	NS	1	0.0	41.134	12.402	0.0	41.511	12.882	0.0	22.711	5.151	0.0	24.547	4.934	0.0	1.855	0.0	0.0	1.865	0.0	0.0	2.199	0.0	0.0	2.215	0.0

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