

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

Report between 26-OCT-2016 To 27-OCT-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	433	434	SN	1	0.0	47.177	1.262	0.0	51.899	1.175	0.0	41.905	1.246	0.0	46.176	1.366	0.0	95.575	1.32	0.0	95.884	1.256	0.0	95.18	1.233	0.0	46.12	1.353
2	434	435	NS	1	0.0	62.418	14.176	0.0	95.711	13.807	0.0	52.562	10.624	0.0	55.726	11.365	0.0	95.124	14.384	0.0	95.319	14.047	0.0	52.292	10.598	0.0	55.59	11.347
3	434	435	SN	1	0.0	51.795	3.237	0.0	51.489	2.779	0.0	57.736	2.364	0.0	50.228	2.713	0.0	94.421	3.484	0.0	94.499	2.895	0.0	95.537	2.35	0.0	50.337	2.699
4	434	435	SN	1	0.0	47.211	0.885	0.0	43.095	0.732	0.0	54.604	0.627	0.0	44.883	0.812	0.0	94.455	0.922	0.0	94.499	0.763	0.0	95.46	0.631	0.0	95.288	0.803
5	434	435	NS	1	0.0	53.665	4.288	0.0	96.2	3.841	0.0	55.151	3.18	0.0	57.477	3.46	0.0	95.194	4.388	0.0	95.094	3.968	0.0	95.296	3.191	0.0	93.173	3.442
6	435	436	NS	1	0.0	100.403	2.37	0.0	95.742	2.065	0.0	48.067	1.911	0.0	48.939	2.048	0.0	95.619	2.532	0.0	94.652	2.127	0.0	95.597	1.94	0.0	48.717	2.048
7	435	436	NS	1	0.0	97.611	7.281	0.0	51.696	7.504	0.0	47.86	5.857	0.0	45.805	6.761	0.0	95.603	7.677	0.0	93.477	7.654	0.0	89.726	5.894	0.0	45.745	6.716
8	435	436	SN	1	0.0	49.668	1.676	0.0	52.125	1.384	0.0	47.57	1.24	0.0	52.567	1.394	0.0	95.402	1.707	0.0	95.087	1.419	0.0	47.549	1.224	0.0	52.919	1.401
9	435	436	SN	1	0.0	51.911	5.301	0.0	50.544	4.994	0.0	55.5	4.196	0.0	48.744	4.248	0.0	95.427	5.4	0.0	95.088	5.119	0.0	55.453	4.217	0.0	49.06	4.24
10	436	437	SN	1	0.0	47.286	5.268	0.0	51.954	5.119	0.0	50.506	5.381	0.0	61.577	5.997	0.0	94.978	5.359	0.0	94.975	5.227	0.0	50.225	5.374	0.0	61.302	5.926
11	436	437	SN	1	0.0	45.265	1.737	0.0	45.394	1.68	0.0	47.822	1.854	0.0	51.871	2.093	0.0	94.115	1.712	0.0	94.762	1.697	0.0	47.524	1.845	0.0	51.832	2.07
12	437	438	NS	1	0.0	61.329	10.418	0.0	55.134	10.861	0.0	52.078	9.58	0.0	52.027	11.033	0.0	94.283	10.418	0.0	95.3	10.882	0.0	52.057	9.597	0.0	51.884	11.092
13	437	438	SN	1	0.0	57.548	4.187	0.0	51.897	4.391	0.0	44.045	4.06	0.0	51.334	5.242	0.0	57.476	4.204	0.0	51.662	4.474	0.0	44.37	4.046	0.0	50.977	5.242
14	437	438	SN	1	0.0	48.769	1.36	0.0	44.453	1.474	0.0	47.563	1.336	0.0	52.169	1.779	0.0	91.778	1.366	0.0	44.462	1.447	0.0	47.49	1.338	0.0	51.693	1.777
15	437	438	NS	1	0.0	49.564	3.364	0.0	98.714	3.679	0.0	49.843	3.407	0.0	58.279	3.788	0.0	94.355	3.443	0.0	95.424	3.705	0.0	50.311	3.392	0.0	58.718	3.777
16	438	439	SN	1	0.0	52.979	1.658	0.0	45.073	1.635	0.0	50.734	1.569	0.0	47.018	1.763	0.0	53.295	1.656	0.0	44.66	1.614	0.0	50.519	1.547	0.0	47.112	1.748
17	438	439	SN	1	0.0	60.4	5.432	0.0	46.528	5.085	0.0	44.47	4.352	0.0	51.705	4.971	0.0	60.418	5.432	0.0	46.699	5.064	0.0	44.453	4.334	0.0	52.013	4.908
18	438	439	NS	1	0.0	57.18	3.528	0.0	49.795	3.296	0.0	45.438	3.097	0.0	53.511	3.602	0.0	95.163	3.661	0.0	95.197	3.429	0.0	94.933	3.125	0.0	53.956	3.588
19	438	439	NS	1	0.0	49.229	0.92	0.0	50.78	0.84	0.0	55.995	0.916	0.0	55.511	1.022	0.0	92.485	0.964	0.0	93.873	0.867	0.0	94.99	0.916	0.0	55.581	1.013
20	439	440	NS	1	0.0	67.466	7.446	0.0	56.708	6.833	0.0	50.151	6.207	0.0	52.682	6.835	0.0	95.281	7.646	0.0	94.592	7.007	0.0	50.004	6.221	0.0	52.708	6.778
21	439	440	NS	1	0.0	53.525	2.485	0.0	50.497	2.099	0.0	49.156	2.002	0.0	55.848	2.088	0.0	95.506	2.532	0.0	95.562	2.126	0.0	49.073	1.997	0.0	55.982	2.097
22	439	440	SN	1	0.0	54.405	1.747	0.0	48.407	1.886	0.0	45.437	1.869	0.0	46.006	2.199	0.0	95.352	1.78	0.0	48.406	1.873	0.0	45.521	1.851	0.0	45.996	2.19
23	439	440	SN	1	0.0	52.952	5.541	0.0	59.327	6.075	0.0	47.778	5.182	0.0	56.332	6.249	0.0	95.385	5.583	0.0	59.106	6.15	0.0	47.749	5.089	0.0	56.477	6.263
24	440	441	NS	1	0.0	50.638	2.101	0.0	43.819	1.94	0.0	59.669	2.028	0.0	48.478	2.198	0.0	94.991	2.146	0.0	95.701	1.968	0.0	59.566	2.021	0.0	48.21	2.182
25	440	441	SN	1	0.0	54.099	7.325	0.0	97.433	7.875	0.0	60.536	6.835	0.0	58.896	7.556	0.0	95.491	7.49	0.0	95.071	7.991	0.0	94.943	6.885	0.0	93.367	7.478
26	440	441	SN	1	0.0	51.797	2.49	0.0	94.468	2.266	0.0	56.472	2.218	0.0	49.136	2.507	0.0	95.491	2.569	0.0	95.472	2.325	0.0	95.913	2.241	0.0	94.37	2.482
27	440	441	NS	1	0.0	62.491	7.53	0.0	56.795	6.891	0.0	52.708	6.462	0.0	49.077	6.444	0.0	95.549	7.63	0.0	95.747	6.957	0.0	52.805	6.433	0.0	48.754	6.394
28	441	442	SN	1	0.0	99.068	2.915	0.0	96.873	2.498	0.0	53.138	2.164	0.0	46.976	2.101	0.0	95.818	3.107	0.0	95.854	2.653	0.0	95.954	2.218	0.0	95.277	2.108
29	441	442	NS	1	0.0	63.07	3.56	0.0	59.768	4.052	0.0	46.552	3.295	0.0	63.113	3.815	0.0	95.75	3.852	0.0	95.532	4.194	0.0	94.64	3.287	0.0	63.057	3.794
30	441	442	NS	1	0.0	43.42	1.059	0.0	54.109	1.209	0.0	48.601	1.079	0.0	43.895	1.335	0.0	95.91	1.171	0.0	95.784	1.316	0.0	94.75	1.084	0.0	94.771	1.325
31	441	442	SN	1	0.0	99.961	9.074	0.0	59.379	8.813	0.0	53.082	7.197	0.0	53.433	7.527	0.0	95.613	9.412	0.0	95.671	9.095	0.0	95.954	7.31	0.0	95.671	7.57

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

32	442	443	NS	1	0.0	64.761	4.849	0.0	59.474	5.034	0.0	54.501	4.906	0.0	50.052	5.769	0.0	95.694	5.166	0.0	95.718	5.275	0.0	95.35	4.969	0.0	50.255	5.747
33	442	443	NS	1	0.0	52.276	1.431	0.0	48.223	1.546	0.0	49.371	1.523	0.0	51.643	1.787	0.0	95.759	1.561	0.0	95.768	1.633	0.0	94.353	1.534	0.0	93.082	1.782
34	443	444	NS	1	0.0	54.999	5.434	0.0	48.051	5.569	0.0	51.789	4.447	0.0	51.642	5.059	0.0	95.594	5.716	0.0	95.798	5.711	0.0	93.97	4.44	0.0	94.793	5.059
35	443	444	NS	1	0.0	53.76	1.663	0.0	42.898	1.612	0.0	43.214	1.366	0.0	53.593	1.664	0.0	95.731	1.779	0.0	95.823	1.656	0.0	94.756	1.382	0.0	95.554	1.651
36	444	445	SN	1	0.0	51.223	1.784	0.0	55.446	1.845	0.0	40.496	1.43	0.0	51.192	1.673	0.0	95.482	1.897	0.0	95.322	1.891	0.0	91.966	1.435	0.0	50.968	1.664
37	444	445	NS	1	0.0	53.121	3.811	0.0	48.127	4.742	0.0	58.186	4.517	0.0	45.018	5.148	0.0	95.297	3.952	0.0	94.709	4.825	0.0	95.3	4.503	0.0	45.155	5.148
38	444	445	SN	1	0.0	54.813	6.229	0.0	55.358	6.298	0.0	48.676	4.942	0.0	52.479	5.388	0.0	95.379	6.427	0.0	95.632	6.439	0.0	48.614	4.999	0.0	52.439	5.403
39	444	445	NS	1	0.0	49.428	1.287	0.0	43.099	1.535	0.0	58.435	1.522	0.0	53.404	1.91	0.0	95.468	1.357	0.0	95.748	1.579	0.0	95.3	1.526	0.0	53.642	1.887
40	445	446	SN	1	0.0	52.094	3.899	0.0	48.936	3.634	0.0	51.425	3.735	0.0	45.5	3.911	0.0	95.4	4.089	0.0	95.879	3.75	0.0	94.84	3.806	0.0	45.266	3.939
41	445	446	NS	1	0.0	47.46	1.092	0.0	45.38	1.566	0.0	54.983	1.364	0.0	52.027	1.903	0.0	94.35	1.127	0.0	95.224	1.57	0.0	95.653	1.369	0.0	88.634	1.897
42	445	446	NS	1	0.0	42.255	3.197	0.0	46.192	4.483	0.0	51.025	3.89	0.0	49.224	5.255	0.0	95.427	3.274	0.0	95.388	4.526	0.0	95.653	3.868	0.0	48.998	5.175
43	445	446	SN	1	0.0	61.227	1.079	0.0	48.884	0.922	0.0	53.566	1.102	0.0	55.407	1.103	0.0	95.131	1.158	0.0	95.879	0.993	0.0	93.752	1.106	0.0	93.517	1.102
44	446	447	NS	1	0.0	45.708	2.615	0.0	51.792	2.385	0.0	45.149	2.644	0.0	49.091	2.755	0.0	92.92	2.636	0.0	52.234	2.394	0.0	90.189	2.62	0.0	49.449	2.763
45	446	447	SN	1	0.0	47.408	1.57	0.0	53.85	1.661	0.0	50.052	1.712	0.0	55.168	1.84	0.0	95.743	1.774	0.0	95.813	1.828	0.0	95.471	1.756	0.0	94.611	1.84
46	446	447	SN	1	0.0	47.655	4.552	0.0	56.025	5.392	0.0	52.4	4.893	0.0	51.633	5.302	0.0	95.893	5.007	0.0	95.826	5.715	0.0	95.471	5.007	0.0	94.237	5.252
47	446	447	NS	1	0.0	48.871	7.866	0.0	47.873	7.616	0.0	48.529	7.251	0.0	56.809	7.878	0.0	92.697	7.848	0.0	47.579	7.643	0.0	92.054	7.228	0.0	56.583	7.847
48	447	448	NS	1	0.0	47.872	5.844	0.0	97.269	6.068	0.0	45.828	5.985	0.0	50.517	6.662	0.0	47.549	5.881	0.0	93.97	6.143	0.0	46.159	5.985	0.0	50.115	6.631
49	447	448	NS	1	0.0	49.727	1.951	0.0	46.551	1.849	0.0	46.144	2.053	0.0	49.023	2.349	0.0	49.879	1.948	0.0	95.094	1.852	0.0	46.114	2.055	0.0	48.733	2.333
50	447	448	SN	1	0.0	45.2	3.336	0.0	45.107	3.667	0.0	54.284	3.479	0.0	53.488	4.119	0.0	95.785	3.591	0.0	95.681	3.858	0.0	93.933	3.486	0.0	53.739	4.155
51	447	448	SN	1	0.0	45.782	0.997	0.0	49.665	1.158	0.0	44.49	1.304	0.0	50.301	1.551	0.0	95.8	1.155	0.0	95.669	1.256	0.0	93.396	1.313	0.0	50.596	1.533
52	448	449	NS	1	0.0	64.541	8.952	0.0	92.483	9.66	0.0	54.84	7.22	0.0	54.676	8.238	0.0	94.256	9.154	0.0	95.822	9.903	0.0	54.311	7.203	0.0	54.763	8.255
53	448	449	NS	1	0.0	64.313	2.686	0.0	94.101	2.878	0.0	57.318	2.263	0.0	52.024	2.723	0.0	94.437	2.758	0.0	95.163	2.896	0.0	93.004	2.271	0.0	94.361	2.702
54	449	450	SN	1	0.0	50.245	1.57	0.0	47.883	1.298	0.0	57.626	1.207	0.0	50.576	1.28	0.0	95.265	1.639	0.0	95.506	1.329	0.0	57.503	1.208	0.0	91.721	1.282

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	433	434	SN	1	0.0	39.465	12.69	0.0	40.207	13.225	0.0	24.784	3.645	0.0	21.514	3.78	0.0	1.84	0.0	1.834	0.0	0.0	2.183	0.0	0.0	2.174	0.0	
2	434	435	NS	1	0.0	45.388	24.112	0.0	47.881	25.696	0.0	24.641	15.536	0.0	28.16	16.135	0.0	1.861	0.0	1.871	0.0	0.0	2.208	0.0	0.0	2.222	0.0	
3	434	435	SN	1	0.0	46.381	23.912	0.0	45.223	23.758	0.0	30.338	12.296	0.0	23.786	12.508	0.0	1.84	0.0	1.832	0.0	0.0	2.184	0.0	0.0	2.172	0.0	
4	434	435	SN	1	0.0	39.449	12.693	0.0	39.446	13.23	0.0	24.806	3.658	0.0	21.189	3.794	0.0	1.84	0.0	1.832	0.0	0.0	2.183	0.0	0.0	2.174	0.0	
5	434	435	NS	1	0.0	35.903	12.663	0.0	38.522	13.559	0.0	22.325	6.306	0.0	24.63	6.921	0.0	1.863	0.0	1.871	0.0	0.0	2.209	0.0	0.0	2.222	0.0	
6	435	436	NS	1	0.0	35.897	12.716	0.0	38.511	13.511	0.0	22.297	6.494	0.0	24.624	6.993	0.0	1.863	0.0	1.871	0.0	0.0	2.208	0.0	0.0	2.221	0.0	
7	435	436	NS	1	0.0	45.372	24.221	0.0	47.854	25.765	0.0	24.669	15.761	0.0	27.233	16.29	0.0	1.861	0.0	1.871	0.0	0.0	2.208	0.0	0.0	2.222	0.0	
8	435	436	SN	1	0.0	39.454	12.665	0.0	39.672	13.233	0.0	24.784	3.656	0.0	20.621	3.812	0.0	1.84	0.0	1.833	0.0	0.0	2.184	0.0	0.0	2.173	0.0	
9	435	436	SN	1	0.0	46.381	23.879	0.0	45.245	23.735	0.0	30.355	12.324	0.0	23.803	12.579	0.0	1.84	0.0	1.833	0.0	0.0	2.184	0.0	0.0	2.173	0.0	
10	436	437	SN	1	0.0	46.376	23.922	0.0	45.262	23.778	0.0	29.428	12.331	0.0	23.814	12.579	0.0	1.84	0.0	1.834	0.0	0.0	2.184	0.0	0.0	2.173	0.0	
11	436	437	SN	1	0.0	39.421	12.672	0.0	39.86	13.228	0.0	24.806	3.658	0.0	20.626	3.835	0.0	1.84	0.0	1.833	0.0	0.0	2.184	0.0	0.0	2.174	0.0	
12	437	438	NS	1	0.0	45.35	23.895	0.0	47.843	25.534	0.0	24.663	15.121	0.0	27.233	15.73	0.0	1.862	0.0	1.871	0.0	0.0	2.207	0.0	0.0	2.222	0.0	
13	437	438	SN	1	0.0	45.168	23.951	0.0	45.774	23.647	0.0	28.81	12.273	0.0	24.189	12.671	0.0	1.841	0.0	1.833	0.0	0.0	2.185	0.0	0.0	2.173	0.0	
14	437	438	SN	1	0.0	39.272	12.682	0.0	41.046	13.27	0.0	24.503	3.65	0.0	19.953	3.85	0.0	1.841	0.0	1.833	0.0	0.0	2.185	0.0	0.0	2.174	0.0	
15	437	438	NS	1	0.0	35.886	12.625	0.0	38.5	13.357	0.0	22.286	6.037	0.0	24.613	6.393	0.0	1.863	0.0	1.871	0.0	0.0	2.208	0.0	0.0	2.221	0.0	
16	438	439	SN	1	0.0	36.724	13.058	0.0	38.004	13.408	0.0	23.588	4.145	0.0	19.975	3.902	0.0	1.841	0.0	1.834	0.0	0.0	2.185	0.0	0.0	2.174	0.0	
17	438	439	SN	1	0.0	45.366	24.976	0.0	45.3	23.889	0.0	28.468	13.679	0.0	23.847	13.148	0.0	1.841	0.0	1.833	0.0	0.0	2.185	0.0	0.0	2.174	0.0	
18	438	439	NS	1	0.0	188.594	23.816	0.0	48.008	24.736	0.0	25.281	15.007	0.0	28.126	14.545	0.0	1.86	0.0	1.871	0.0	0.0	2.208	0.0	0.0	2.221	0.0	
19	438	439	NS	1	0.0	126.396	12.59	0.0	38.859	13.055	0.0	22.066	5.781	0.0	24.498	5.72	0.0	1.863	0.0	1.87	0.0	0.0	2.207	0.0	0.0	2.221	0.0	
20	439	440	NS	1	0.0	46.552	23.794	0.0	47.986	24.725	0.0	25.27	14.978	0.0	28.104	14.616	0.0	1.861	0.0	1.871	0.0	0.0	2.208	0.0	0.0	2.221	0.0	
21	439	440	NS	1	0.0	39.628	12.604	0.0	38.864	13.088	0.0	22.998	5.852	0.0	24.487	5.707	0.0	1.863	0.0	1.87	0.0	0.0	2.208	0.0	0.0	2.221	0.0	
22	439	440	SN	1	0.0	39.256	12.651	0.0	39.805	13.238	0.0	24.547	3.681	0.0	19.992	3.857	0.0	1.841	0.0	1.833	0.0	0.0	2.184	0.0	0.0	2.174	0.0	
23	439	440	SN	1	0.0	46.425	23.999	0.0	45.808	23.653	0.0	28.275	12.315	0.0	24.227	12.648	0.0	1.841	0.0	1.834	0.0	0.0	2.184	0.0	0.0	2.173	0.0	
24	440	441	NS	1	0.0	39.667	12.598	0.0	38.892	13.073	0.0	22.975	5.827	0.0	24.487	5.735	0.0	1.863	0.0	1.871	0.0	0.0	2.208	0.0	0.0	2.221	0.0	
25	440	441	SN	1	0.0	46.442	23.997	0.0	45.824	23.674	0.0	28.286	12.244	0.0	24.255	12.648	0.0	1.841	0.0	1.834	0.0	0.0	2.184	0.0	0.0	2.175	0.0	
26	440	441	SN	1	0.0	39.228	12.661	0.0	40.097	13.222	0.0	24.553	3.679	0.0	19.997	3.839	0.0	1.841	0.0	1.834	0.0	0.0	2.184	0.0	0.0	2.174	0.0	
27	440	441	NS	1	0.0	45.471	23.771	0.0	49.034	24.809	0.0	24.156	15.018	0.0	28.093	14.622	0.0	1.862	0.0	1.871	0.0	0.0	2.208	0.0	0.0	2.221	0.0	
28	441	442	SN	1	0.0	39.217	12.651	0.0	40.047	13.238	0.0	24.448	3.64	0.0	19.837	3.819	0.0	1.84	0.0	1.835	0.0	0.0	2.184	0.0	0.0	2.174	0.0	
29	441	442	NS	1	0.0	44.203	23.758	0.0	49.017	24.763	0.0	24.145	14.967	0.0	28.093	14.664	0.0	1.863	0.0	1.871	0.0	0.0	2.209	0.0	0.0	2.222	0.0	
30	441	442	NS	1	0.0	39.672	12.585	0.0	38.721	13.103	0.0	22.964	5.811	0.0	23.665	5.818	0.0	1.863	0.0	1.871	0.0	0.0	2.208	0.0	0.0	2.222	0.0	
31	441	442	SN	1	0.0	46.458	23.836	0.0	45.852	23.683	0.0	28.866	12.193	0.0	24.266	12.548	0.0	1.84	0.0	1.835	0.0	0.0	2.184	0.0	0.0	2.174	0.0	

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

32	442	443	NS	1	0.0	46.486	23.806	0.0	49.017	24.796	0.0	24.172	14.987	0.0	28.071	14.592	0.0	1.863	0.0	0.0	1.871	0.0	0.0	2.208	0.0	0.0	2.222	0.0
33	442	443	NS	1	0.0	39.689	12.607	0.0	38.732	13.101	0.0	22.926	5.8	0.0	23.93	5.809	0.0	1.863	0.0	0.0	1.871	0.0	0.0	2.208	0.0	0.0	2.221	0.0
34	443	444	NS	1	0.0	44.363	23.764	0.0	47.936	24.8	0.0	25.193	14.983	0.0	27.183	14.587	0.0	1.861	0.0	0.0	1.871	0.0	0.0	2.207	0.0	0.0	2.222	0.0
35	443	444	NS	1	0.0	39.286	12.612	0.0	39.107	13.069	0.0	22.76	5.806	0.0	24.84	5.732	0.0	1.863	0.0	0.0	1.871	0.0	0.0	2.208	0.0	0.0	2.221	0.0
36	444	445	SN	1	0.0	39.487	12.656	0.0	40.516	13.268	0.0	24.751	3.661	0.0	19.512	3.839	0.0	1.841	0.0	0.0	1.834	0.0	0.0	2.185	0.0	0.0	2.175	0.0
37	444	445	NS	1	0.0	44.335	23.773	0.0	47.931	24.823	0.0	24.74	14.987	0.0	28.424	14.642	0.0	1.861	0.0	0.0	1.871	0.0	0.0	2.208	0.0	0.0	2.222	0.0
38	444	445	SN	1	0.0	45.234	23.99	0.0	45.157	23.697	0.0	29.196	12.263	0.0	23.72	12.646	0.0	1.841	0.0	0.0	1.834	0.0	0.0	2.185	0.0	0.0	2.174	0.0
39	444	445	NS	1	0.0	39.43	12.606	0.0	39.278	13.091	0.0	22.132	5.782	0.0	24.2	5.757	0.0	1.863	0.0	0.0	1.871	0.0	0.0	2.209	0.0	0.0	2.221	0.0
40	445	446	SN	1	0.0	45.256	24.038	0.0	45.173	23.712	0.0	28.711	12.291	0.0	23.742	12.618	0.0	1.841	0.0	0.0	1.834	0.0	0.0	2.185	0.0	0.0	2.174	0.0
41	445	446	NS	1	0.0	35.93	12.563	0.0	38.539	13.173	0.0	22.115	5.607	0.0	24.746	5.816	0.0	1.863	0.0	0.0	1.871	0.0	0.0	2.208	0.0	0.0	2.221	0.0
42	445	446	NS	1	0.0	43.773	23.598	0.0	47.92	24.836	0.0	24.751	14.571	0.0	28.419	14.594	0.0	1.861	0.0	0.0	1.871	0.0	0.0	2.208	0.0	0.0	2.222	0.0
43	445	446	SN	1	0.0	39.493	12.648	0.0	39.92	13.27	0.0	24.205	3.657	0.0	20.224	3.821	0.0	1.841	0.0	0.0	1.834	0.0	0.0	2.185	0.0	0.0	2.175	0.0
44	446	447	NS	1	0.0	35.919	12.539	0.0	38.528	13.227	0.0	22.545	5.548	0.0	24.74	5.988	0.0	1.863	0.0	0.0	1.871	0.0	0.0	2.209	0.0	0.0	2.221	0.0
45	446	447	SN	1	0.0	39.465	12.628	0.0	41.498	13.244	0.0	23.593	3.66	0.0	20.246	3.815	0.0	1.841	0.0	0.0	1.834	0.0	0.0	2.185	0.0	0.0	2.175	0.0
46	446	447	SN	1	0.0	45.912	23.992	0.0	45.195	23.716	0.0	28.226	12.272	0.0	23.676	12.595	0.0	1.841	0.0	0.0	1.835	0.0	0.0	2.185	0.0	0.0	2.176	0.0
47	446	447	NS	1	0.0	43.762	23.509	0.0	48.538	24.81	0.0	24.724	14.374	0.0	28.408	14.769	0.0	1.861	0.0	0.0	1.871	0.0	0.0	2.209	0.0	0.0	2.222	0.0
48	447	448	NS	1	0.0	85.171	23.581	0.0	48.521	25.019	0.0	24.696	14.603	0.0	28.391	15.117	0.0	1.861	0.0	0.0	1.872	0.0	0.0	2.209	0.0	0.0	2.223	0.0
49	447	448	NS	1	0.0	35.914	12.493	0.0	38.533	13.338	0.0	22.507	5.698	0.0	23.703	6.211	0.0	1.863	0.0	0.0	1.871	0.0	0.0	2.209	0.0	0.0	2.222	0.0
50	447	448	SN	1	0.0	46.354	24.009	0.0	45.223	23.751	0.0	28.303	12.338	0.0	23.781	12.601	0.0	1.841	0.0	0.0	1.835	0.0	0.0	2.185	0.0	0.0	2.175	0.0
51	447	448	SN	1	0.0	39.46	12.623	0.0	41.305	13.247	0.0	24.382	3.632	0.0	19.738	3.808	0.0	1.841	0.0	0.0	1.835	0.0	0.0	2.185	0.0	0.0	2.176	0.0
52	448	449	NS	1	0.0	43.739	24.004	0.0	47.473	25.466	0.0	24.249	15.117	0.0	27.233	15.858	0.0	1.861	0.0	0.0	1.872	0.0	0.0	2.209	0.0	0.0	2.222	0.0
53	448	449	NS	1	0.0	35.908	12.603	0.0	38.517	13.521	0.0	21.922	6.084	0.0	24.63	6.736	0.0	1.863	0.0	0.0	1.871	0.0	0.0	2.21	0.0	0.0	2.222	0.0
54	449	450	SN	1	0.0	39.421	12.625	0.0	41.266	13.258	0.0	23.67	3.661	0.0	19.777	3.824	0.0	1.841	0.0	0.0	1.834	0.0	0.0	2.185	0.0	0.0	2.174	0.0

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