

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

Report between 31-OCT-2016 To 01-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	521	522	NS	1	0.0	100.145	8.136	0.0	92.494	7.92	0.0	45.692	6.617	0.0	52.626	6.885	0.0	95.549	8.518	0.0	95.587	8.311	0.0	94.572	6.66	0.0	94.378	6.921
2	521	522	SN	1	0.0	50.712	1.709	0.0	49.318	1.338	0.0	52.428	1.309	0.0	46.774	1.184	0.0	95.888	1.778	0.0	95.92	1.398	0.0	95.729	1.307	0.0	94.18	1.178
3	521	522	NS	1	0.0	100.626	2.626	0.0	99.023	2.081	0.0	48.447	1.902	0.0	60.321	2.016	0.0	95.81	2.755	0.0	95.806	2.239	0.0	95.03	1.928	0.0	94.292	2.014
4	521	522	SN	1	0.0	52.932	5.6	0.0	50.551	5.003	0.0	51.23	4.317	0.0	53.661	4.282	0.0	95.581	5.798	0.0	95.307	5.152	0.0	51.093	4.367	0.0	53.724	4.318
5	522	523	NS	1	0.0	98.474	1.69	0.0	97.05	1.406	0.0	49.057	1.305	0.0	55.18	1.526	0.0	95.09	1.787	0.0	95.197	1.456	0.0	93.476	1.31	0.0	55.315	1.512
6	522	523	SN	1	0.0	48.67	3.742	0.0	44.543	3.572	0.0	60.229	3.401	0.0	52.241	3.352	0.0	94.349	3.899	0.0	44.359	3.572	0.0	60.277	3.423	0.0	52.253	3.338
7	522	523	SN	1	0.0	46.885	1.239	0.0	48.645	1.171	0.0	40.504	1.192	0.0	47.433	1.144	0.0	95.193	1.272	0.0	91.019	1.174	0.0	93.627	1.169	0.0	47.271	1.145
8	522	523	NS	1	0.0	98.149	5.077	0.0	94.981	5.039	0.0	47.804	4.172	0.0	53.78	4.55	0.0	95.34	5.293	0.0	95.625	5.171	0.0	93.047	4.144	0.0	53.651	4.528
9	523	524	SN	1	0.0	100.94	1.061	0.0	42.298	1.114	0.0	47.433	1.108	0.0	52.731	1.503	0.0	95.384	1.065	0.0	95.493	1.131	0.0	47.478	1.089	0.0	52.117	1.508
10	523	524	NS	1	0.0	41.382	1.171	0.0	57.777	1.353	0.0	45.701	1.298	0.0	48.868	1.699	0.0	94.947	1.176	0.0	95.748	1.378	0.0	93.292	1.293	0.0	48.534	1.696
11	523	524	SN	1	0.0	49.563	3.303	0.0	44.608	3.452	0.0	54.196	3.265	0.0	53.647	4.433	0.0	95.381	3.295	0.0	95.49	3.535	0.0	54.084	3.265	0.0	53.471	4.419
12	523	524	NS	1	0.0	48.135	3.573	0.0	57.777	4.441	0.0	47.951	3.846	0.0	47.578	4.713	0.0	94.127	3.582	0.0	95.748	4.433	0.0	93.455	3.86	0.0	47.753	4.685
13	523	524	NS	1	0.0	41.382	1.176	0.0	57.777	1.353	0.0	46.648	1.307	0.0	48.868	1.699	0.0	94.946	1.19	0.0	95.748	1.378	0.0	93.292	1.303	0.0	48.534	1.694
14	523	524	NS	1	0.0	48.135	3.573	0.0	57.777	4.441	0.0	47.951	3.846	0.0	47.578	4.713	0.0	94.127	3.582	0.0	95.748	4.433	0.0	93.455	3.86	0.0	47.753	4.685
15	523	524	SN	1	0.0	53.546	3.311	0.0	45.595	3.461	0.0	46.967	3.279	0.0	50.042	4.462	0.0	95.384	3.311	0.0	95.493	3.494	0.0	47.247	3.272	0.0	50.28	4.469
16	523	524	SN	1	0.0	100.936	1.018	0.0	45.415	1.135	0.0	44.65	1.121	0.0	46.73	1.519	0.0	95.381	1.028	0.0	95.49	1.156	0.0	44.617	1.112	0.0	46.608	1.506
17	524	525	NS	1	0.0	90.962	2.327	0.0	47.467	2.392	0.0	51.381	2.258	0.0	56.153	2.376	0.0	95.662	2.39	0.0	95.459	2.443	0.0	95.277	2.247	0.0	87.518	2.362
18	524	525	NS	1	0.0	89.2	7.251	0.0	52.898	8.104	0.0	53.596	6.466	0.0	49.806	7.491	0.0	93.439	7.359	0.0	95.424	8.212	0.0	94.442	6.494	0.0	49.809	7.498
19	524	525	SN	1	0.0	47.111	5.227	0.0	61.605	5.593	0.0	53.766	5.224	0.0	48.758	5.447	0.0	47.112	5.244	0.0	61.753	5.627	0.0	53.365	5.174	0.0	48.641	5.397
20	524	525	SN	1	0.0	51.359	1.744	0.0	53.763	1.838	0.0	50.536	1.817	0.0	48.929	2.113	0.0	51.438	1.744	0.0	54.175	1.821	0.0	50.405	1.818	0.0	48.863	2.117
21	524	525	SN	1	0.0	51.359	1.744	0.0	53.763	1.838	0.0	50.536	1.817	0.0	48.929	2.113	0.0	51.438	1.744	0.0	54.175	1.821	0.0	50.405	1.818	0.0	48.863	2.117
22	524	525	SN	1	0.0	47.111	5.227	0.0	61.605	5.593	0.0	53.766	5.224	0.0	48.758	5.447	0.0	47.112	5.244	0.0	61.753	5.627	0.0	53.365	5.174	0.0	48.641	5.397
23	524	525	NS	1	0.0	90.962	2.327	0.0	47.467	2.392	0.0	51.381	2.258	0.0	56.153	2.376	0.0	95.662	2.39	0.0	95.459	2.443	0.0	95.277	2.247	0.0	87.518	2.362
24	524	525	NS	1	0.0	89.2	7.251	0.0	52.898	8.104	0.0	53.596	6.466	0.0	49.806	7.491	0.0	93.439	7.359	0.0	95.424	8.212	0.0	94.442	6.494	0.0	49.809	7.498
25	525	526	SN	1	0.0	59.688	3.849	0.0	58.376	4.083	0.0	48.511	3.996	0.0	53.147	4.269	0.0	95.515	3.923	0.0	95.437	4.183	0.0	49.207	3.946	0.0	52.767	4.255
26	525	526	NS	1	0.0	51.914	3.663	0.0	51.591	4.127	0.0	47.705	3.482	0.0	54.764	4.032	0.0	52.951	3.746	0.0	51.757	4.227	0.0	48.122	3.51	0.0	54.577	3.983
27	525	526	SN	1	0.0	59.688	3.849	0.0	58.376	4.083	0.0	48.511	3.996	0.0	53.147	4.269	0.0	95.515	3.923	0.0	95.437	4.183	0.0	49.207	3.946	0.0	52.767	4.255
28	525	526	NS	1	0.0	46.933	1.061	0.0	48.181	1.09	0.0	51.06	1.076	0.0	49.009	1.175	0.0	94.178	1.099	0.0	94.152	1.105	0.0	94.55	1.081	0.0	48.569	1.16
29	525	526	SN	1	0.0	55.755	1.174	0.0	54.509	1.258	0.0	47.873	1.448	0.0	45.995	1.465	0.0	95.787	1.186	0.0	95.82	1.271	0.0	47.394	1.429	0.0	45.839	1.453
30	525	526	SN	1	0.0	55.755	1.174	0.0	54.509	1.258	0.0	47.873	1.448	0.0	45.995	1.465	0.0	95.787	1.186	0.0	95.82	1.271	0.0	47.394	1.429	0.0	45.839	1.453
31	525	526	NS	1	0.0	51.914	3.663	0.0	51.591	4.127	0.0	47.705	3.482	0.0	54.764	4.032	0.0	52.951	3.746	0.0	51.757	4.227	0.0	48.122	3.51	0.0	54.577	3.983

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

32	525	526	NS	1	0.0	46.933	1.061	0.0	48.181	1.09	0.0	51.06	1.076	0.0	49.009	1.175	0.0	94.178	1.099	0.0	94.152	1.105	0.0	94.55	1.081	0.0	48.569	1.16
33	526	527	NS	1	0.0	67.149	8.083	0.0	55.898	7.556	0.0	54.023	7.056	0.0	50.595	6.638	0.0	95.235	8.2	0.0	94.902	7.605	0.0	54.02	7.077	0.0	50.844	6.681
34	526	527	NS	1	0.0	46.056	2.508	0.0	92.716	2.251	0.0	45.864	2.137	0.0	46.464	2.199	0.0	95.368	2.555	0.0	94.814	2.27	0.0	94.076	2.152	0.0	46.546	2.193
35	526	527	SN	1	0.0	49.738	1.686	0.0	46.873	1.691	0.0	54.561	1.546	0.0	47.709	1.969	0.0	94.549	1.698	0.0	46.292	1.685	0.0	54.45	1.541	0.0	47.472	1.964
36	526	527	NS	1	0.0	67.149	8.083	0.0	55.898	7.556	0.0	54.023	7.056	0.0	50.595	6.638	0.0	95.235	8.2	0.0	94.902	7.605	0.0	54.02	7.077	0.0	50.844	6.681
37	526	527	NS	1	0.0	46.056	2.508	0.0	92.716	2.251	0.0	45.864	2.137	0.0	46.464	2.199	0.0	95.368	2.555	0.0	94.814	2.27	0.0	94.076	2.152	0.0	46.546	2.193
38	526	527	SN	1	0.0	58.062	5.574	0.0	48.898	5.784	0.0	56.162	4.748	0.0	52.21	5.711	0.0	94.102	5.665	0.0	48.92	5.817	0.0	56.176	4.741	0.0	52.326	5.797
39	526	527	SN	1	0.0	49.738	1.686	0.0	46.873	1.691	0.0	54.561	1.546	0.0	47.709	1.969	0.0	94.549	1.698	0.0	46.292	1.685	0.0	54.45	1.541	0.0	47.472	1.964
40	526	527	SN	1	0.0	58.062	5.574	0.0	48.898	5.784	0.0	56.162	4.748	0.0	52.21	5.711	0.0	94.102	5.665	0.0	48.92	5.817	0.0	56.176	4.741	0.0	52.326	5.797
41	527	528	NS	1	0.0	59.832	8.722	0.0	48.918	8.984	0.0	50.774	7.965	0.0	58.736	8.158	0.0	95.166	8.772	0.0	95.881	9.059	0.0	50.927	7.937	0.0	91.409	8.136
42	527	528	SN	1	0.0	97.727	1.33	0.0	94.919	1.367	0.0	47.617	1.211	0.0	41.146	1.499	0.0	95.779	1.413	0.0	95.36	1.409	0.0	95.133	1.216	0.0	94.342	1.497
43	527	528	NS	1	0.0	47.207	2.807	0.0	51.781	2.881	0.0	51.605	2.588	0.0	60.72	2.845	0.0	94.348	2.816	0.0	94.906	2.921	0.0	94.987	2.579	0.0	60.873	2.832
44	527	528	SN	1	0.0	52.682	4.642	0.0	94.709	4.797	0.0	56.792	3.89	0.0	48.2	4.576	0.0	94.988	4.823	0.0	95.069	4.955	0.0	94.609	3.883	0.0	47.979	4.612
45	528	529	SN	1	0.0	91.056	10.413	0.0	56.982	12.554	0.0	79.906	16.161	0.0	55.728	10.757	0.0	95.987	35.714	0.0	95.947	40.697	0.0	95.956	43.287	0.0	95.947	35.62
46	528	529	NS	1	0.0	71.136	7.511	0.0	68.507	5.347	0.0	66.561	8.499	0.0	67.686	7.279	0.0	95.962	19.827	0.0	95.951	19.952	0.0	95.947	17.111	0.0	95.951	14.467
47	528	529	SN	1	0.0	90.843	15.914	0.0	62.338	19.228	0.0	71.16	23.697	0.0	59.657	16.184	0.0	95.937	44.554	0.0	95.915	47.12	0.0	95.86	54.203	0.0	95.957	43.161
48	528	529	NS	1	0.0	59.232	13.102	0.0	58.939	9.971	0.0	66.029	13.844	0.0	66.023	12.29	0.0	95.819	26.022	0.0	95.845	24.799	0.0	95.91	22.728	0.0	95.751	19.24
49	529	530	NS	1	0.0	59.102	22.969	0.0	58.69	14.819	0.0	61.133	23.994	0.0	60.799	22.449	0.0	95.967	49.61	0.0	95.913	37.21	0.0	95.918	51.038	0.0	95.975	42.109
50	529	530	SN	1	0.0	58.993	18.746	0.0	68.637	20.651	0.0	69.666	26.458	0.0	62.397	18.219	0.0	95.991	44.199	0.0	95.909	47.377	0.0	95.959	54.649	0.0	95.847	41.544
51	529	530	SN	1	0.0	65.452	13.276	0.0	61.148	14.001	0.0	69.276	18.34	0.0	66.063	12.821	0.0	95.925	37.027	0.0	95.923	40.593	0.0	95.976	43.435	0.0	95.96	34.772
52	529	530	NS	1	0.0	58.365	15.811	0.0	60.746	8.819	0.0	63.11	18.032	0.0	69.005	15.559	0.0	95.941	40.345	0.0	95.985	31.038	0.0	95.938	43.795	0.0	95.975	35.171
53	530	531	NS	1	0.0	60.642	15.209	0.0	62.443	11.043	0.0	62.455	15.168	0.0	64.821	15.183	0.0	95.945	37.953	0.0	95.906	28.186	0.0	95.92	39.091	0.0	95.978	31.024
54	530	531	SN	1	0.0	63.616	15.973	0.0	61.651	17.68	0.0	66.833	21.354	0.0	60.926	15.349	0.0	95.976	38.714	0.0	95.963	40.955	0.0	95.963	43.075	0.0	95.944	33.916
55	530	531	SN	1	0.0	58.956	22.973	0.0	61.651	25.208	0.0	65.534	29.917	0.0	60.24	21.133	0.0	95.951	46.698	0.0	95.879	48.547	0.0	95.954	53.321	0.0	95.872	40.159
56	530	531	NS	1	0.0	64.644	22.027	0.0	55.401	16.228	0.0	66.662	20.476	0.0	61.837	20.813	0.0	95.951	46.719	0.0	95.928	33.785	0.0	95.879	44.668	0.0	95.903	36.98
57	531	532	SN	1	0.0	55.086	5.007	0.0	55.834	5.108	0.0	44.456	4.296	0.0	55.09	4.573	0.0	95.762	5.213	0.0	94.796	5.24	0.0	92.731	4.289	0.0	55.376	4.566
58	531	532	NS	1	0.0	44.883	5.676	0.0	53.299	6.323	0.0	58.877	6.065	0.0	51.045	6.849	0.0	95.031	5.867	0.0	95.932	6.564	0.0	95.255	6.058	0.0	94.525	7.012
59	531	532	SN	1	0.0	88.185	1.439	0.0	45.042	1.406	0.0	52.825	1.24	0.0	44.154	1.427	0.0	95.488	1.505	0.0	95.275	1.439	0.0	52.602	1.233	0.0	44.096	1.412
60	531	532	NS	1	0.0	54.614	1.818	0.0	53.175	2.0	0.0	63.736	1.972	0.0	50.964	2.405	0.0	95.682	1.886	0.0	95.697	2.072	0.0	94.549	1.988	0.0	95.146	2.469
61	532	533	NS	1	0.0	51.339	1.378	0.0	52.979	1.638	0.0	51.944	1.564	0.0	53.761	2.009	0.0	95.109	1.416	0.0	95.676	1.649	0.0	94.265	1.557	0.0	94.056	1.998
62	532	533	NS	1	0.0	46.727	4.296	0.0	59.187	4.968	0.0	51.453	4.621	0.0	55.434	5.442	0.0	95.465	4.362	0.0	94.887	5.035	0.0	94.018	4.564	0.0	55.572	5.385
63	532	533	SN	1	0.0	57.528	1.201	0.0	51.385	1.152	0.0	48.871	1.132	0.0	42.928	1.252	0.0	95.654	1.293	0.0	95.721	1.226	0.0	94.18	1.135	0.0	85.561	1.256
64	532	533	SN	1	0.0	56.784	3.602	0.0	57.148	3.861	0.0	47.988	3.763	0.0	50.217	3.944	0.0	95.906	3.817	0.0	95.768	4.011	0.0	95.55	3.806	0.0	50.492	3.944
65	533	534	SN	1	0.0	48.059	2.25	0.0	48.472	2.242	0.0	45.383	2.126	0.0	47.795	2.36	0.0	95.546	2.454	0.0	95.904	2.374	0.0	95.751	2.138	0.0	93.379	2.369
66	533	534	SN	1	0.0	57.869	6.469	0.0	55.692	6.942	0.0	54.249	6.39	0.0	51.806	6.995	0.0	95.782	6.956	0.0	95.554	7.175	0.0	95.313	6.425	0.0	51.791	6.973
67	533	534	NS	1	0.0	42.809	4.371	0.0	51.497	4.611	0.0	48.254	4.116	0.0	70.177	4.732	0.0	94.496	4.462	0.0	91.622	4.678	0.0	92.954	4.102	0.0	93.902	4.661

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

68	533	534	NS	1	0.0	44.179	1.349	0.0	50.381	1.423	0.0	41.013	1.332	0.0	71.216	1.699	0.0	94.334	1.361	0.0	94.221	1.426	0.0	40.657	1.317	0.0	94.528	1.684
69	534	535	SN	1	0.0	51.958	5.22	0.0	46.859	5.635	0.0	52.087	4.82	0.0	47.542	5.31	0.0	95.638	5.451	0.0	95.437	5.768	0.0	94.702	4.799	0.0	47.84	5.288
70	534	535	NS	1	0.0	57.966	5.867	0.0	46.605	6.413	0.0	52.833	5.348	0.0	48.551	6.501	0.0	95.249	6.033	0.0	95.352	6.488	0.0	95.113	5.412	0.0	95.446	6.536
71	534	535	NS	1	0.0	49.773	1.88	0.0	51.438	1.859	0.0	54.854	1.931	0.0	48.621	2.239	0.0	95.607	1.956	0.0	95.631	1.897	0.0	95.543	1.958	0.0	94.572	2.242

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0	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	521	522	NS	1	0.0	43.8	23.893	0.0	46.067	24.824	0.0	26.02	14.45	0.0	29.698	14.296	0.0	1.861	0.0	1.87	0.0	0.0	2.208	0.0	0.0	2.221	0.0	
2	521	522	SN	1	0.0	38.886	12.601	0.0	40.803	13.258	0.0	23.604	3.855	0.0	22.021	3.926	0.0	1.847	0.0	1.838	0.0	0.0	2.192	0.0	0.0	2.18	0.0	
3	521	522	NS	1	0.0	40.814	12.404	0.0	39.068	13.074	0.0	21.619	5.413	0.0	23.72	5.621	0.0	1.861	0.0	1.87	0.0	0.0	2.207	0.0	0.0	2.22	0.0	
4	521	522	SN	1	0.0	45.89	24.242	0.0	45.168	24.293	0.0	26.985	12.504	0.0	25.887	12.91	0.0	1.847	0.0	1.839	0.0	0.0	2.192	0.0	0.0	2.181	0.0	
5	522	523	NS	1	0.0	41.603	12.406	0.0	38.908	13.075	0.0	21.117	5.365	0.0	23.659	5.561	0.0	1.861	0.0	1.87	0.0	0.0	2.206	0.0	0.0	2.22	0.0	
6	522	523	SN	1	0.0	45.923	24.296	0.0	44.694	24.338	0.0	26.99	12.533	0.0	25.606	13.007	0.0	1.847	0.0	1.839	0.0	0.0	2.192	0.0	0.0	2.182	0.0	
7	522	523	SN	1	0.0	39.046	12.627	0.0	41.735	13.269	0.0	24.376	3.86	0.0	22.032	3.935	0.0	1.847	0.0	1.838	0.0	0.0	2.192	0.0	0.0	2.181	0.0	
8	522	523	NS	1	0.0	43.067	23.949	0.0	46.056	24.753	0.0	26.009	14.493	0.0	29.687	14.188	0.0	1.86	0.0	1.87	0.0	0.0	2.207	0.0	0.0	2.22	0.0	
9	523	524	SN	1	0.0	39.509	12.596	0.0	41.371	13.271	0.0	24.586	3.913	0.0	21.668	3.942	0.0	1.847	0.0	1.838	0.0	0.0	2.193	0.0	0.0	2.181	0.0	
10	523	524	NS	1	0.0	41.619	12.397	0.0	38.919	13.079	0.0	20.913	5.317	0.0	23.72	5.521	0.0	1.861	0.0	1.87	0.0	0.0	2.205	0.0	0.0	2.22	0.0	
11	523	524	SN	1	0.0	46.354	24.366	0.0	45.217	24.307	0.0	27.812	12.556	0.0	26.075	13.115	0.0	1.847	0.0	1.838	0.0	0.0	2.193	0.0	0.0	2.182	0.0	
12	523	524	NS	1	0.0	43.762	23.965	0.0	46.039	24.622	0.0	25.97	14.545	0.0	29.676	14.161	0.0	1.86	0.0	1.87	0.0	0.0	2.207	0.0	0.0	2.22	0.0	
13	523	524	NS	1	0.0	41.619	12.407	0.0	38.925	13.079	0.0	20.913	5.315	0.0	23.72	5.519	0.0	1.861	0.0	1.87	0.0	0.0	2.205	0.0	0.0	2.22	0.0	
14	523	524	NS	1	0.0	43.762	23.965	0.0	46.039	24.622	0.0	25.97	14.545	0.0	29.676	14.161	0.0	1.86	0.0	1.87	0.0	0.0	2.207	0.0	0.0	2.22	0.0	
15	523	524	SN	1	0.0	46.354	24.366	0.0	45.217	24.29	0.0	27.812	12.584	0.0	26.075	13.058	0.0	1.848	0.0	1.838	0.0	0.0	2.193	0.0	0.0	2.182	0.0	
16	523	524	SN	1	0.0	39.504	12.594	0.0	41.365	13.273	0.0	24.586	3.908	0.0	21.696	3.949	0.0	1.847	0.0	1.838	0.0	0.0	2.192	0.0	0.0	2.181	0.0	
17	524	525	NS	1	0.0	41.768	12.402	0.0	39.096	13.069	0.0	21.095	5.251	0.0	24.895	5.49	0.0	1.861	0.0	1.869	0.0	0.0	2.206	0.0	0.0	2.219	0.0	
18	524	525	NS	1	0.0	43.745	24.072	0.0	46.624	24.604	0.0	26.174	14.566	0.0	29.671	14.179	0.0	1.86	0.0	1.869	0.0	0.0	2.205	0.0	0.0	2.22	0.0	
19	524	525	SN	1	0.0	46.365	24.319	0.0	45.229	24.324	0.0	27.823	12.556	0.0	26.091	13.136	0.0	1.847	0.0	1.839	0.0	0.0	2.193	0.0	0.0	2.182	0.0	
20	524	525	SN	1	0.0	39.509	12.593	0.0	40.792	13.275	0.0	24.608	3.913	0.0	21.702	3.986	0.0	1.848	0.0	1.838	0.0	0.0	2.193	0.0	0.0	2.181	0.0	
21	524	525	SN	1	0.0	39.509	12.593	0.0	40.792	13.275	0.0	24.608	3.913	0.0	21.702	3.986	0.0	1.848	0.0	1.838	0.0	0.0	2.193	0.0	0.0	2.181	0.0	
22	524	525	SN	1	0.0	46.365	24.319	0.0	45.229	24.324	0.0	27.823	12.556	0.0	26.091	13.136	0.0	1.847	0.0	1.839	0.0	0.0	2.193	0.0	0.0	2.182	0.0	
23	524	525	NS	1	0.0	41.768	12.402	0.0	39.096	13.069	0.0	21.095	5.251	0.0	24.895	5.49	0.0	1.861	0.0	1.869	0.0	0.0	2.206	0.0	0.0	2.219	0.0	
24	524	525	NS	1	0.0	43.745	24.072	0.0	46.624	24.604	0.0	26.174	14.566	0.0	29.671	14.179	0.0	1.86	0.0	1.869	0.0	0.0	2.205	0.0	0.0	2.22	0.0	
25	525	526	SN	1	0.0	46.403	24.389	0.0	45.256	24.34	0.0	27.845	12.606	0.0	26.114	13.193	0.0	1.848	0.0	1.839	0.0	0.0	2.193	0.0	0.0	2.181	0.0	
26	525	526	NS	1	0.0	43.756	24.122	0.0	46.613	24.62	0.0	26.968	14.56	0.0	29.665	14.198	0.0	1.859	0.0	1.87	0.0	0.0	2.205	0.0	0.0	2.22	0.0	
27	525	526	SN	1	0.0	46.403	24.389	0.0	45.256	24.34	0.0	27.845	12.606	0.0	26.114	13.193	0.0	1.848	0.0	1.839	0.0	0.0	2.193	0.0	0.0	2.181	0.0	
28	525	526	NS	1	0.0	41.796	12.402	0.0	39.107	13.067	0.0	21.437	5.243	0.0	24.895	5.479	0.0	1.861	0.0	1.869	0.0	0.0	2.204	0.0	0.0	2.219	0.0	
29	525	526	SN	1	0.0	39.493	12.581	0.0	41.536	13.278	0.0	24.624	3.917	0.0	22.27	3.975	0.0	1.848	0.0	1.838	0.0	0.0	2.193	0.0	0.0	2.181	0.0	
30	525	526	SN	1	0.0	39.493	12.581	0.0	41.536	13.278	0.0	24.624	3.917	0.0	22.27	3.975	0.0	1.848	0.0	1.838	0.0	0.0	2.193	0.0	0.0	2.181	0.0	
31	525	526	NS	1	0.0	43.756	24.122	0.0	46.613	24.62	0.0	26.968	14.56	0.0	29.665	14.198	0.0	1.859	0.0	1.87	0.0	0.0	2.205	0.0	0.0	2.22	0.0	

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

32	525	526	NS	1	0.0	41.796	12.402	0.0	39.107	13.067	0.0	21.437	5.243	0.0	24.895	5.479	0.0	1.861	0.0	0.0	1.869	0.0	0.0	2.204	0.0	0.0	2.219	0.0
33	526	527	NS	1	0.0	43.712	24.051	0.0	46.602	24.66	0.0	26.952	14.581	0.0	29.654	14.228	0.0	1.86	0.0	0.0	1.869	0.0	0.0	2.205	0.0	0.0	2.22	0.0
34	526	527	NS	1	0.0	41.812	12.446	0.0	39.129	13.065	0.0	21.238	5.22	0.0	24.884	5.465	0.0	1.86	0.0	0.0	1.869	0.0	0.0	2.204	0.0	0.0	2.219	0.0
35	526	527	SN	1	0.0	39.471	12.585	0.0	41.514	13.274	0.0	24.001	3.927	0.0	22.292	3.996	0.0	1.848	0.0	0.0	1.838	0.0	0.0	2.193	0.0	0.0	2.181	0.0
36	526	527	NS	1	0.0	43.712	24.051	0.0	46.602	24.66	0.0	26.952	14.581	0.0	29.654	14.228	0.0	1.86	0.0	0.0	1.869	0.0	0.0	2.205	0.0	0.0	2.22	0.0
37	526	527	NS	1	0.0	41.812	12.446	0.0	39.129	13.065	0.0	21.238	5.22	0.0	24.884	5.465	0.0	1.86	0.0	0.0	1.869	0.0	0.0	2.204	0.0	0.0	2.219	0.0
38	526	527	SN	1	0.0	45.234	24.279	0.0	45.273	24.324	0.0	27.867	12.591	0.0	26.13	13.193	0.0	1.848	0.0	0.0	1.839	0.0	0.0	2.193	0.0	0.0	2.182	0.0
39	526	527	SN	1	0.0	39.471	12.585	0.0	41.514	13.274	0.0	24.001	3.927	0.0	22.292	3.996	0.0	1.848	0.0	0.0	1.838	0.0	0.0	2.193	0.0	0.0	2.181	0.0
40	526	527	SN	1	0.0	45.234	24.279	0.0	45.273	24.324	0.0	27.867	12.591	0.0	26.13	13.193	0.0	1.848	0.0	0.0	1.839	0.0	0.0	2.193	0.0	0.0	2.182	0.0
41	527	528	NS	1	0.0	43.701	23.999	0.0	46.58	24.678	0.0	26.941	14.495	0.0	29.643	14.228	0.0	1.86	0.0	0.0	1.87	0.0	0.0	2.205	0.0	0.0	2.22	0.0
42	527	528	SN	1	0.0	39.476	12.559	0.0	41.503	13.267	0.0	24.007	3.906	0.0	22.319	3.968	0.0	1.847	0.0	0.0	1.839	0.0	0.0	2.192	0.0	0.0	2.181	0.0
43	527	528	NS	1	0.0	41.823	12.433	0.0	39.14	13.067	0.0	21.542	5.262	0.0	24.878	5.495	0.0	1.86	0.0	0.0	1.869	0.0	0.0	2.204	0.0	0.0	2.22	0.0
44	527	528	SN	1	0.0	46.409	24.257	0.0	45.3	24.292	0.0	27.856	12.607	0.0	26.163	13.121	0.0	1.848	0.0	0.0	1.839	0.0	0.0	2.193	0.0	0.0	2.182	0.0
45	528	529	SN	1	0.0	39.449	12.586	0.0	41.487	13.225	0.0	23.643	3.867	0.0	22.325	3.916	0.0	1.847	0.0	0.0	1.839	0.0	0.0	2.192	0.0	0.0	2.181	0.0
46	528	529	NS	1	0.0	41.851	12.399	0.0	39.151	13.066	0.0	21.889	5.305	0.0	23.626	5.519	0.0	1.861	0.0	0.0	1.87	0.0	0.0	2.204	0.0	0.0	2.22	0.0
47	528	529	SN	1	0.0	45.295	24.263	0.0	45.322	24.266	0.0	27.867	12.551	0.0	26.169	13.085	0.0	1.847	0.0	0.0	1.839	0.0	0.0	2.192	0.0	0.0	2.182	0.0
48	528	529	NS	1	0.0	43.684	24.036	0.0	44.936	24.658	0.0	27.001	14.533	0.0	29.638	14.136	0.0	1.86	0.0	0.0	1.87	0.0	0.0	2.205	0.0	0.0	2.22	0.0
49	529	530	NS	1	0.0	43.657	24.065	0.0	45.317	24.649	0.0	26.902	14.606	0.0	29.632	14.157	0.0	1.86	0.0	0.0	1.87	0.0	0.0	2.205	0.0	0.0	2.22	0.0
50	529	530	SN	1	0.0	46.458	24.304	0.0	44.815	24.303	0.0	27.062	12.512	0.0	26.185	13.012	0.0	1.847	0.0	0.0	1.839	0.0	0.0	2.192	0.0	0.0	2.181	0.0
51	529	530	SN	1	0.0	39.305	12.6	0.0	41.288	13.265	0.0	24.663	3.857	0.0	22.518	3.909	0.0	1.847	0.0	0.0	1.838	0.0	0.0	2.192	0.0	0.0	2.181	0.0
52	529	530	NS	1	0.0	41.856	12.379	0.0	39.173	13.055	0.0	21.872	5.316	0.0	23.621	5.5	0.0	1.86	0.0	0.0	1.87	0.0	0.0	2.206	0.0	0.0	2.22	0.0
53	530	531	NS	1	0.0	42.011	12.402	0.0	40.618	13.036	0.0	21.332	5.251	0.0	24.79	5.488	0.0	1.86	0.0	0.0	1.869	0.0	0.0	2.204	0.0	0.0	2.219	0.0
54	530	531	SN	1	0.0	39.427	12.614	0.0	41.277	13.26	0.0	24.663	3.857	0.0	22.529	3.939	0.0	1.847	0.0	0.0	1.838	0.0	0.0	2.192	0.0	0.0	2.181	0.0
55	530	531	SN	1	0.0	46.464	24.287	0.0	44.82	24.294	0.0	27.073	12.465	0.0	25.739	13.077	0.0	1.847	0.0	0.0	1.838	0.0	0.0	2.192	0.0	0.0	2.181	0.0
56	530	531	NS	1	0.0	44.236	24.012	0.0	46.547	24.608	0.0	26.522	14.508	0.0	29.632	14.143	0.0	1.86	0.0	0.0	1.869	0.0	0.0	2.206	0.0	0.0	2.22	0.0
57	531	532	SN	1	0.0	45.835	24.24	0.0	45.846	24.325	0.0	28.193	12.505	0.0	25.529	13.097	0.0	1.848	0.0	0.0	1.838	0.0	0.0	2.193	0.0	0.0	2.182	0.0
58	531	532	NS	1	0.0	44.214	24.084	0.0	46.144	24.578	0.0	26.384	14.568	0.0	29.621	14.16	0.0	1.859	0.0	0.0	1.869	0.0	0.0	2.204	0.0	0.0	2.22	0.0
59	531	532	SN	1	0.0	39.118	12.572	0.0	41.796	13.29	0.0	24.321	3.888	0.0	21.613	3.947	0.0	1.848	0.0	0.0	1.838	0.0	0.0	2.193	0.0	0.0	2.181	0.0
60	531	532	NS	1	0.0	40.902	12.381	0.0	38.644	13.061	0.0	21.183	5.277	0.0	23.687	5.498	0.0	1.861	0.0	0.0	1.869	0.0	0.0	2.206	0.0	0.0	2.219	0.0
61	532	533	NS	1	0.0	41.365	12.379	0.0	40.618	13.062	0.0	21.817	5.307	0.0	24.691	5.523	0.0	1.861	0.0	0.0	1.869	0.0	0.0	2.206	0.0	0.0	2.22	0.0
62	532	533	NS	1	0.0	44.197	24.047	0.0	46.116	24.51	0.0	27.15	14.617	0.0	29.61	14.181	0.0	1.859	0.0	0.0	1.87	0.0	0.0	2.205	0.0	0.0	2.22	0.0
63	532	533	SN	1	0.0	39.107	12.568	0.0	41.785	13.294	0.0	24.321	3.886	0.0	21.63	3.954	0.0	1.848	0.0	0.0	1.838	0.0	0.0	2.193	0.0	0.0	2.181	0.0
64	532	533	SN	1	0.0	45.852	24.263	0.0	45.857	24.332	0.0	28.187	12.512	0.0	25.545	13.132	0.0	1.848	0.0	0.0	1.838	0.0	0.0	2.193	0.0	0.0	2.182	0.0
65	533	534	SN	1	0.0	39.25	12.574	0.0	41.029	13.276	0.0	24.349	3.925	0.0	21.812	3.965	0.0	1.848	0.0	0.0	1.838	0.0	0.0	2.193	0.0	0.0	2.182	0.0
66	533	534	SN	1	0.0	45.874	24.289	0.0	45.89	24.273	0.0	28.215	12.538	0.0	26.582	13.082	0.0	1.848	0.0	0.0	1.84	0.0	0.0	2.194	0.0	0.0	2.183	0.0
67	533	534	NS	1	0.0	44.197	24.138	0.0	46.1	24.535	0.0	27.564	14.623	0.0	29.605	14.181	0.0	1.86	0.0	0.0	1.87	0.0	0.0	2.205	0.0	0.0	2.221	0.0
68	533	534	NS	1	0.0	41.569	12.424	0.0	40.486	13.1	0.0	21.674	5.351	0.0	24.674	5.562	0.0	1.861	0.0	0.0	1.87	0.0	0.0	2.206	0.0	0.0	2.22	0.0

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

69	534	535	SN	1	0.0	44.197	24.273	0.0	45.173	24.317	0.0	26.963	12.607	0.0	25.887	13.053	0.0	1.848	0.0	0.0	1.84	0.0	0.0	2.193	0.0	0.0	2.183	0.0
70	534	535	NS	1	0.0	44.186	24.082	0.0	45.427	24.539	0.0	27.52	14.6	0.0	29.588	14.146	0.0	1.86	0.0	0.0	1.87	0.0	0.0	2.205	0.0	0.0	2.221	0.0
71	534	535	NS	1	0.0	40.803	12.393	0.0	40.508	13.097	0.0	21.795	5.378	0.0	23.665	5.551	0.0	1.861	0.0	0.0	1.87	0.0	0.0	2.206	0.0	0.0	2.22	0.0

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