SCATSAT-1 Scatterometer Level-1B Data Quality Cycle wise Report

Report between   25-OCT-2016   To   26-OCT-2016

Sr No	Start Orbit	End Orbit	Dir.	Ver.	Incidence Angle			Azimuth Angle			Range			X-Factor		
					Min	Max	BadOcc(%)	Min	Max	BadOcc(%)	Min	Max	BadOcc(%)	Min	Max	BadOcc(%)
1	419	420	SN	1	49.014	49.358	0.0	0.003	205.318	0.386	1047.424	1092.536	0.0	-91.105	-90.193	0.0
2	419	420	NS	1	48.553	49.02	0.0	0.003	217.181	0.376	1023.464	1073.792	2.874	-92.768	-91.743	0.0
3	420	421	SN	1	49.02	49.358	0.0	0.003	1.291	0.386	1047.464	1092.424	0.0	-91.328	-90.192	0.0
4	420	421	NS	1	48.897	49.348	0.0	0.003	208.131	0.373	1028.328	1090.816	0.0	-91.131	-90.012	0.0
5	421	422	NS	1	48.908	49.349	0.0	0.003	1.291	0.361	1028.904	1091.04	0.0	-91.521	-90.014	0.0
6	421	422	SN	2	49.012	49.358	0.0	0.003	1.291	0.369	1047.032	1092.576	0.0	-91.495	-90.189	0.0
7	422	423	SN	1	48.945	49.366	0.0	0.003	1.291	0.363	1046.912	1092.6	0.0	-91.913	-90.187	0.0
8	423	424	NS	1	48.919	49.349	0.0	0.003	1.291	0.369	1029.176	1091.016	0.0	-91.139	-90.016	0.0
9	423	424	SN	1	49.016	49.357	0.0	0.003	1.291	0.365	1047.328	1092.496	0.0	-91.314	-90.187	0.0
10	424	425	SN	1	49.019	49.379	0.0	0.003	1.291	0.364	1047.528	1092.48	0.0	-91.343	-90.187	0.0
11	424	425	NS	1	48.926	49.349	0.0	0.003	1.291	0.375	1029.136	1091.016	0.0	-91.12	-90.016	0.0
12	425	426	SN	1	49.011	49.357	0.0	0.003	1.291	0.371	1047.296	1092.384	0.0	-91.385	-90.189	0.0
13	425	426	NS	2	48.904	49.348	0.0	0.003	1.291	0.373	1029.096	1090.888	0.0	-91.042	-90.018	0.0
14	426	427	NS	1	48.894	49.349	0.0	0.003	1.291	0.369	1028.312	1090.984	0.0	-91.172	-90.017	0.0
15	426	427	SN	1	49.012	49.357	0.0	0.003	1.291	0.381	1046.976	1092.672	0.0	-91.41	-90.189	0.0
16	427	428	NS	1	48.894	49.35	0.0	0.003	1.291	0.374	1028.456	1091.112	0.0	-91.213	-90.014	0.0
17	428	429	SN	2	49.024	49.358	0.0	0.003	1.291	0.366	1047.88	1092.648	0.0	-91.733	-90.189	0.0
18	428	429	NS	1	48.907	49.35	0.0	0.003	1.291	0.382	1028.568	1091.136	0.0	-91.44	-90.014	0.0
19	429	430	NS	1	48.893	49.349	0.0	0.003	1.291	0.377	1028.344	1091.016	0.0	-91.338	-90.015	0.0
20	429	430	SN	1	49.024	49.358	0.0	0.003	1.291	0.37	1047.192	1092.52	0.0	-91.266	-90.188	0.0
21	430	431	NS	1	48.893	49.348	0.0	0.003	1.291	0.373	1028.328	1090.832	0.0	-91.196	-90.015	0.0
22	430	431	SN	1	49.028	49.358	0.0	0.003	1.291	0.375	1047.6	1092.592	0.0	-91.453	-90.188	0.0
23	431	432	NS	2	48.9	49.35	0.0	0.003	1.291	0.37	1028.472	1091.232	0.0	-91.548	-90.016	0.0
24	431	432	SN	1	49.03	49.359	0.0	0.003	1.291	0.369	1047.544	1092.68	0.0	-91.886	-90.186	0.0
25	432	433	NS	1	48.898	49.351	0.0	0.003	1.291	0.371	1028.568	1091.344	0.0	-91.206	-90.012	0.0
26	432	433	SN	1	49.013	49.36	0.0	0.003	1.296	0.372	1047.296	1092.824	0.0	-91.227	-90.186	0.0
27	433	434	NS	1	48.899	49.351	0.0	0.003	184.013	0.372	1028.592	1091.424	0.0	-91.161	-90.012	0.0
28	433	434	SN	1	49.019	49.36	0.0	0.003	1.291	0.381	1047.544	1092.92	0.0	-91.31	-90.186	0.0
29	434	435	SN	1	49.033	49.36	0.0	0.003	1.291	0.389	1047.592	1092.864	0.0	-91.334	-90.187	0.0
30	434	435	NS	1	48.898	49.293	0.0	0.003	1.291	0.385	1028.512	1076.264	0.0	-91.295	-90.013	0.0
31	435	436	NS	1	48.897	49.235	0.0	0.003	1.291	0.367	1028.784	1073.624	0.0	-91.098	-90.014	0.0
32	435	436	SN	1	49.009	49.36	0.0	0.003	1.291	0.37	1046.696	1092.896	0.0	-91.285	-90.185	0.0

Parameter Specifications	Parameters	Inc.Angle	Azi. Angle	Range	X-Factor
	Min	47.1	0.0	1025.0	-100.0
	Max	49.9	0.0	1095.7	-80.0

Normal   Deviations   Alarming   High Errors

Scatterometer Level - 1B Data Quality Evaluation Report

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33	436	437	SN	1	49.015	49.361	0.0	0.003	1.291	0.36	1046.968	1093.04	0.0	-91.291	-90.183	0.0
34	437	438	NS	1	48.897	49.281	0.0	0.003	1.291	0.369	1028.696	1080.608	0.0	-91.14	-90.017	0.0
35	437	438	SN	1	49.014	49.379	0.0	0.003	1.291	0.364	1046.624	1092.936	0.0	-91.418	-90.182	0.0
36	438	439	NS	1	48.912	49.352	0.0	0.003	250.431	0.372	1029.288	1091.496	0.0	-91.261	-90.017	0.0
37	438	439	SN	1	49.019	49.321	0.0	0.003	1.291	0.365	1046.52	1087.296	0.0	-91.322	-90.181	0.0
38	439	440	SN	2	49.019	49.36	0.0	0.003	1.291	0.371	1046.456	1092.936	0.0	-91.355	-90.181	0.0
39	439	440	NS	1	48.92	49.351	0.0	0.003	1.291	0.375	1029.272	1091.408	0.0	-91.079	-90.018	0.0
40	440	441	NS	2	48.894	49.352	0.0	0.003	1.291	0.371	1028.712	1091.44	0.0	-91.171	-90.016	0.0
41	440	441	SN	1	49.008	49.381	0.0	0.003	1.291	0.374	1046.296	1092.88	0.0	-91.338	-90.182	0.0
42	441	442	NS	1	48.904	49.353	0.0	0.003	1.291	0.371	1028.816	1091.6	0.0	-91.157	-90.016	0.0
43	441	442	SN	1	49.023	49.361	0.0	0.003	1.291	0.379	1047.2	1093.08	0.0	-91.543	-90.183	0.0
44	442	443	NS	1	48.893	49.353	0.0	0.003	1.291	0.378	1028.48	1091.704	0.0	-91.176	-90.014	0.0
45	443	444	NS	1	48.903	49.353	0.0	0.003	1.291	0.38	1028.744	1091.632	0.0	-91.25	-90.016	0.0
46	444	445	SN	1	49.02	49.361	0.0	0.003	1.291	0.376	1047.04	1093.064	0.0	-91.485	-90.182	0.0
47	444	445	NS	2	48.898	49.353	0.0	0.003	1.291	0.376	1028.816	1091.648	0.0	-91.322	-90.016	0.0
48	445	446	SN	1	49.014	49.362	0.0	0.003	1.291	0.375	1046.712	1093.168	0.0	-91.405	-90.181	0.0
49	445	446	NS	1	48.894	49.349	0.0	0.003	1.291	0.371	1028.408	1091.008	0.0	-91.332	-90.015	0.0
50	446	447	SN	1	49.029	49.362	0.0	0.003	1.291	0.373	1046.888	1093.216	0.0	-91.994	-90.18	0.0
51	446	447	NS	1	48.913	49.34	0.0	0.003	1.291	0.37	1028.896	1089.568	0.0	-91.733	-90.013	0.0
52	447	448	NS	1	48.841	49.32	0.0	0.003	275.011	0.371	1028.792	1086.544	0.0	-91.478	-90.013	0.0
53	447	448	SN	1	49.016	49.363	0.0	0.003	1.291	0.371	1046.84	1093.368	0.0	-91.277	-90.179	0.0

Parameter Specifications	Parameters	Inc.Angle	Azi. Angle	Range	X-Factor
	Min	47.1	0.0	1025.0	-100.0
	Max	49.9	0.0	1095.7	-80.0

■ Normal ■ Deviations
■ Alarming ■ High Errors

Scatterometer Level - 1B Data Quality Evaluation Report

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					SNR												Kp											
					Sea Aft			Sea Fore			Land Aft			Land Fore			Sea Aft			Sea Fore			Land Aft			Land Fore		
SrNo	Start Orbit	End Orbit	Dir.	Ver.	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	419	420	SN	1	-33.307	24.605	1.582	-34.767	25.696	3.265	7.987	30.933	31.377	10.605	29.393	33.05	0.103	180.913	0.998	0.103	253.175	0.803	0.103	0.113	0.0	0.103	0.108	0.0
2	419	420	NS	1	-34.021	23.318	0.119	-34.98	22.037	0.001	1.295	29.754	4.342	1.713	30.425	7.748	0.103	213.249	4.45	0.103	265.967	3.286	0.103	0.156	0.0	0.103	0.151	0.0
3	420	421	SN	1	-34.773	27.447	2.783	-33.44	26.412	3.663	-32.128	30.597	26.521	-15.609	33.368	24.326	0.103	253.552	1.35	0.103	186.529	1.038	0.103	137.933	0.011	0.102	3.153	0.01
4	420	421	NS	1	-34.564	27.987	1.346	-33.177	27.616	0.691	0.526	34.189	33.248	5.006	34.871	43.54	0.103	241.634	1.314	0.103	175.543	1.386	0.102	0.168	0.0	0.102	0.124	0.0
5	421	422	NS	1	-33.15	25.272	0.394	-30.882	27.223	0.513	-8.439	29.938	22.64	-4.076	30.3	31.414	0.103	174.483	0.58	0.103	103.544	0.358	0.103	0.672	0.0	0.103	0.303	0.0
6	421	422	SN	2	-34.523	26.486	1.324	-34.903	27.248	2.279	-1.268	31.81	15.201	2.462	30.269	9.977	0.103	239.343	2.009	0.103	261.204	1.972	0.102	0.203	0.0	0.103	0.143	0.0
7	422	423	SN	1	-34.875	27.571	0.543	-33.712	28.012	1.345	8.834	28.66	23.296	8.92	28.793	12.89	0.103	259.586	1.927	0.103	198.611	1.808	0.103	0.111	0.0	0.103	0.111	0.0
8	423	424	NS	1	-33.939	23.956	0.549	-34.704	24.437	0.332	-15.73	29.823	11.7	-19.02	31.913	19.448	0.103	209.293	1.383	0.103	249.483	1.31	0.103	3.24	0.001	0.102	6.819	0.004
9	423	424	SN	1	-34.942	24.616	1.424	-33.808	25.557	2.332	7.511	29.197	24.269	8.113	29.242	18.699	0.103	263.551	1.486	0.103	202.992	1.393	0.103	0.115	0.0	0.103	0.113	0.0
10	424	425	SN	1	-34.815	25.762	1.027	-33.672	25.038	1.768	7.379	29.621	22.451	8.5	29.955	24.926	0.103	255.948	1.299	0.103	196.78	1.16	0.103	0.115	0.0	0.103	0.112	0.0
11	424	425	NS	1	-33.87	24.618	0.774	-34.934	24.5	0.609	-6.002	29.434	21.393	-7.442	29.664	28.653	0.103	205.907	2.175	0.103	263.113	1.87	0.103	0.421	0.0	0.103	0.552	0.0
12	425	426	SN	1	-34.716	24.59	0.336	-33.712	25.452	0.93	7.788	33.657	18.494	8.297	34.635	19.076	0.103	250.203	2.224	0.103	198.572	2.054	0.102	0.114	0.0	0.102	0.112	0.0
13	425	426	NS	2	-33.808	26.726	1.234	-34.914	25.985	1.283	-6.366	31.157	23.158	-4.372	32.644	30.656	0.103	203.012	2.101	0.103	261.863	2.142	0.103	0.45	0.0	0.102	0.318	0.0
14	426	427	NS	1	-34.377	27.478	2.024	-33.406	28.023	1.953	9.604	30.666	26.512	8.942	30.971	35.271	0.103	231.426	1.044	0.103	185.061	0.849	0.103	0.11	0.0	0.103	0.111	0.0
15	426	427	SN	1	-34.441	25.594	0.086	-34.297	25.814	1.851	-1.519	32.818	18.4	-1.092	34.427	19.316	0.103	234.807	3.314	0.103	227.189	2.811	0.102	0.21	0.0	0.102	0.199	0.0
16	427	428	NS	1	-34.4	27.463	3.573	-34.201	27.495	3.155	-6.884	31.194	43.687	2.714	32.093	52.882	0.103	232.703	1.522	0.103	222.257	1.188	0.103	0.496	0.0	0.102	0.141	0.0
17	428	429	SN	2	-34.724	27.011	0.21	-34.855	27.347	3.246	-4.486	29.992	25.646	-0.289	31.681	25.886	0.103	250.629	2.101	0.103	258.336	1.962	0.103	0.324	0.0	0.102	0.182	0.0
18	428	429	NS	1	-34.654	26.669	3.004	-34.275	26.486	1.847	3.337	34.621	29.332	0.3	32.196	42.698	0.103	246.706	0.649	0.103	226.076	0.629	0.102	0.135	0.0	0.102	0.171	0.0
19	429	430	NS	1	-34.954	27.628	4.442	-34.946	25.749	2.676	-7.524	30.314	17.205	-14.435	32.17	26.756	0.103	264.31	2.776	0.103	263.821	2.681	0.103	0.561	0.0	0.102	2.426	0.004
20	429	430	SN	1	-34.881	27.475	0.728	-34.88	28.725	3.418	-7.631	30.441	25.471	-3.873	34.751	26.221	0.103	259.935	5.279	0.103	259.839	5.365	0.103	0.573	0.0	0.102	0.293	0.0
21	430	431	NS	1	-34.988	26.148	4.458	-34.926	25.455	3.033	-2.849	32.136	23.98	0.928	31.273	32.663	0.103	266.36	2.293	0.103	262.644	2.021	0.102	0.251	0.0	0.103	0.161	0.0
22	430	431	SN	1	-34.501	25.971	2.122	-33.285	27.498	5.659	-17.034	30.761	26.067	-20.672	31.423	26.305	0.103	238.154	2.914	0.103	179.993	2.776	0.103	4.345	0.009	0.103	9.94	0.007
23	431	432	NS	2	-34.99	26.685	2.501	-34.997	25.701	0.985	-4.404	30.071	38.738	-5.281	30.645	49.558	0.103	266.499	1.169	0.103	267.011	1.159	0.103	0.319	0.0	0.103	0.371	0.0
24	431	432	SN	1	-34.826	27.195	1.739	-32.533	27.828	5.441	-1.96	30.718	33.335	-2.331	31.944	33.558	0.103	256.604	2.522	0.103	151.377	2.152	0.103	0.222	0.0	0.102	0.233	0.0
25	432	433	NS	1	-34.719	26.228	1.991	-34.645	25.942	0.113	8.818	30.244	35.441	9.038	30.625	47.262	0.103	250.372	1.474	0.103	246.105	1.409	0.103	0.111	0.0	0.103	0.111	0.0
26	432	433	SN	1	-34.597	26.225	0.696	-34.846	26.79	2.792	5.104	31.228	63.624	5.857	31.383	71.002	0.103	243.404	2.275	0.103	257.805	1.995	0.103	0.124	0.0	0.103	0.12	0.0
27	433	434	NS	1	-34.705	25.462	1.96	-32.906	24.536	0.042	4.32	30.117	23.646	2.746	30.835	34.398	0.103	249.634	1.082	0.103	164.964	1.124	0.103	0.128	0.0	0.103	0.14	0.0
28	433	434	SN	1	-34.546	25.206	0.858	-34.622	25.6	2.657	8.838	30.045	34.505	11.607	30.25	33.029	0.103	240.561	1.495	0.103	244.879	1.212	0.103	0.111	0.0	0.103	0.107	0.0
29	434	435	SN	1	-34.608	26.793	3.034	-32.781	26.448	4.201	-4.888	29.321	29.332	-3.949	32.334	31.689	0.103	244.088	0.758	0.103	160.279	0.441	0.103	0.346	0.0	0.102	0.297	0.0
30	434	435	NS	1	-34.875	24.655	2.099	-34.532	26.193	0.433	8.617	32.719	9.271	9.343	34.025	13.741	0.103	259.571	3.161	0.103	239.862	2.95	0.102	0.112	0.0	0.102	0.11	0.0
31	435	436	NS	1	-34.462	24.475	1.158	-33.843	24.335	0.982	-0.765	35.755	31.337	-5.239	33.395	37.943	0.103	236.056	2.771	0.103	204.705	2.37	0.103	0.192	0.0	0.102	0.368	0.0
32	435	436	SN	1	-34.804	27.085	2.351	-33.37	28.44	3.207	-17.804	32.501	16.596	-22.679	30.36	11.095	0.103	255.316	2.537	0.103	183.562	1.886	0.102	5.173	0.004	0.103	15.726	0.006
33	436	437	SN	1	-34.962	26.992	0.808	-32.929	28.049	1.506	8.603	31.822	20.184	9.151	29.217	12.316	0.103	264.817	2.054	0.103	165.821	1.651	0.102	0.112	0.0	0.103	0.111	0.0

Parameter Specifications	Parameters	SNR	Kp
	Min	-65.0	0.0
	Max	22.0	1.0

■ Normal   ■ Deviations
■ Alarming   ■ High Errors

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34	437	438	NS	1	-34.922	24.223	0.336	-34.73	23.957	0.333	-4.921	30.535	9.064	-7.071	30.467	11.448	0.103	262.383	6.5	0.103	252.206	6.493	0.103	0.348	0.0	0.103	0.514	0.0
35	437	438	SN	1	-34.555	24.666	0.933	-34.433	25.204	1.757	8.334	28.457	20.565	8.711	28.173	11.183	0.103	241.085	1.191	0.103	234.443	1.061	0.103	0.112	0.0	0.103	0.112	0.0
36	438	439	NS	1	-31.701	24.998	2.033	-34.95	25.656	2.563	-9.291	29.381	16.781	-4.37	29.967	23.442	0.103	124.998	1.075	0.103	264.053	0.998	0.103	0.8	0.0	0.103	0.318	0.0
37	438	439	SN	1	-33.577	23.474	0.049	-34.533	24.686	0.584	8.17	24.301	10.754	10.203	28.061	14.967	0.103	192.506	1.349	0.103	239.944	1.29	0.103	0.113	0.0	0.103	0.109	0.0
38	439	440	SN	2	-33.859	24.251	0.273	-34.711	24.703	0.775	8.241	29.627	21.464	8.784	30.277	25.612	0.103	205.45	2.06	0.103	249.955	2.223	0.103	0.113	0.0	0.103	0.111	0.0
39	439	440	NS	1	-34.574	24.842	1.095	-34.687	25.521	0.975	-5.499	30.646	20.073	-3.23	30.56	27.147	0.103	242.172	2.499	0.103	248.563	2.21	0.103	0.385	0.0	0.103	0.265	0.0
40	440	441	NS	2	-34.563	27.719	2.118	-34.925	28.1	2.275	4.682	30.291	21.83	5.211	31.104	27.022	0.103	243.133	1.776	0.103	262.498	1.832	0.103	0.126	0.0	0.103	0.123	0.0
41	440	441	SN	1	-34.875	25.254	0.189	-34.744	25.741	1.09	7.478	34.633	17.209	9.958	34.398	17.975	0.103	259.563	3.24	0.103	251.799	2.996	0.102	0.115	0.0	0.102	0.109	0.0
42	441	442	NS	1	-33.918	27.246	2.963	-34.881	28.222	2.842	5.427	30.575	31.042	7.741	31.55	41.115	0.103	208.199	1.146	0.103	259.958	1.033	0.103	0.122	0.0	0.103	0.114	0.0
43	441	442	SN	1	-34.66	24.287	0.036	-32.279	26.816	2.333	-64.991	36.324	25.807	-1.095	33.105	27.703	0.103	247.064	3.339	0.103	142.819	3.082	0.102	0.259	0.0	0.102	0.199	0.0
44	442	443	NS	1	-33.766	27.076	2.318	-34.691	26.893	1.805	7.695	31.157	51.339	8.32	32.761	61.729	0.103	201.059	1.163	0.103	248.81	1.22	0.103	0.114	0.0	0.102	0.112	0.0
45	443	444	NS	1	-34.338	26.276	3.581	-34.581	25.844	2.468	-1.757	30.337	22.928	-1.482	31.52	36.594	0.103	229.352	1.349	0.103	242.553	1.28	0.103	0.216	0.0	0.103	0.209	0.0
46	444	445	SN	1	-33.953	26.142	1.163	-34.852	27.456	3.941	-1.841	31.664	23.745	-1.766	31.191	25.83	0.103	209.962	3.191	0.102	258.148	3.026	0.102	0.219	0.0	0.103	0.217	0.0
47	444	445	NS	2	-34.137	26.582	4.15	-34.096	25.781	3.03	-20.64	32.249	19.499	-15.595	32.173	28.642	0.103	219.014	1.188	0.103	216.919	1.286	0.102	9.864	0.016	0.102	3.143	0.007
48	445	446	SN	1	-34.742	26.536	2.07	-33.63	27.087	6.705	-7.453	30.566	29.528	-4.454	31.573	30.53	0.103	251.764	1.346	0.103	194.876	1.395	0.103	0.554	0.0	0.102	0.322	0.0
49	445	446	NS	1	-33.89	26.808	2.972	-34.614	25.396	1.599	-17.963	30.158	28.825	-28.078	30.772	42.046	0.103	206.887	0.984	0.103	244.365	1.158	0.103	5.363	0.035	0.103	54.316	0.042
50	446	447	SN	1	-34.694	26.408	1.75	-34.84	26.734	4.717	-5.527	31.288	43.793	-4.65	31.799	44.559	0.103	248.97	1.745	0.103	257.406	1.715	0.103	0.387	0.0	0.102	0.333	0.0
51	446	447	NS	1	-34.911	26.527	2.249	-34.366	26.327	0.496	10.311	30.0	19.427	11.55	30.88	38.045	0.103	261.718	2.898	0.103	230.898	2.504	0.103	0.109	0.0	0.103	0.107	0.0
52	447	448	NS	1	-34.738	25.461	1.911	-34.934	24.253	0.037	12.276	29.115	4.724	10.054	30.476	10.292	0.103	251.5	1.613	0.103	263.096	1.645	0.103	0.106	0.0	0.103	0.109	0.0
53	447	448	SN	1	-34.4	25.829	0.732	-33.86	26.582	2.581	7.703	31.418	61.149	9.85	32.944	66.657	0.103	232.643	0.752	0.103	205.478	0.792	0.103	0.114	0.0	0.102	0.109	0.0

Parameter Specifications	Parameters	SNR	Kp
	Min	-65.0	0.0
	Max	22.0	1.0

■ Normal ■ Deviations
■ Alarming ■ High Errors

Sr No	Start Orbit	End Orbit	Dir.	Ver.	Incidence Angle			Azimuth Angle			Range			X-Factor		
					Min	Max	BadOcc(%)	Min	Max	BadOcc(%)	Min	Max	BadOcc(%)	Min	Max	BadOcc(%)
1	419	420	SN	1	57.801	58.23	0.0	0.003	204.755	0.387	1228.112	1284.184	9.289	-93.197	-92.13	0.0
2	419	420	NS	1	57.44	57.921	0.0	0.003	216.624	0.384	1200.136	1262.624	33.755	-93.982	-93.09	0.0
3	420	421	SN	1	57.805	58.24	0.0	0.003	1.291	0.388	1228.24	1284.056	8.674	-93.208	-92.129	0.0
4	420	421	NS	1	57.634	58.214	0.0	0.003	304.897	0.382	1204.376	1281.64	11.829	-92.881	-91.95	0.0
5	421	422	NS	1	57.656	58.216	0.0	0.003	1.291	0.364	1205.168	1281.912	12.52	-93.071	-91.951	0.0
6	421	422	SN	2	57.772	58.251	0.0	0.003	1.291	0.368	1227.352	1284.216	8.646	-93.108	-92.127	0.0
7	422	423	SN	1	57.798	58.23	0.0	0.003	1.291	0.367	1227.176	1284.232	8.687	-93.056	-92.124	0.0
8	423	424	NS	1	57.648	58.216	0.0	0.003	1.291	0.37	1205.512	1281.864	11.982	-92.87	-91.953	0.0
9	423	424	SN	1	57.793	58.229	0.0	0.003	1.291	0.365	1227.024	1284.112	8.42	-93.023	-92.124	0.0
10	424	425	SN	1	57.792	58.229	0.0	0.003	1.291	0.366	1227.0	1284.104	8.421	-93.015	-92.124	0.0
11	424	425	NS	1	57.671	58.216	0.0	0.003	1.291	0.376	1205.488	1281.888	12.815	-92.978	-91.953	0.0
12	425	426	SN	1	57.788	58.235	0.0	0.003	1.291	0.376	1227.136	1283.976	8.187	-93.09	-92.125	0.0
13	425	426	NS	2	57.641	58.215	0.0	0.003	1.291	0.381	1204.96	1281.72	12.578	-92.819	-91.955	0.0
14	426	427	NS	1	57.64	58.215	0.0	0.003	1.291	0.371	1205.008	1281.84	13.433	-92.954	-91.953	0.0
15	426	427	SN	1	57.788	58.229	0.0	0.003	1.291	0.384	1226.984	1284.336	9.027	-93.054	-92.126	0.0
16	427	428	NS	1	57.636	58.217	0.0	0.003	1.291	0.373	1204.504	1282.0	13.692	-93.06	-91.951	0.0
17	428	429	SN	2	57.796	58.232	0.0	0.003	1.291	0.367	1227.984	1284.32	9.042	-93.295	-92.127	0.0
18	428	429	NS	1	57.635	58.217	0.0	0.003	1.291	0.388	1204.816	1282.032	12.462	-93.028	-91.952	0.0
19	429	430	NS	1	57.635	58.216	0.0	0.003	1.291	0.376	1204.6	1281.888	12.821	-92.954	-91.953	0.0
20	429	430	SN	1	57.795	58.23	0.0	0.003	1.291	0.373	1227.232	1284.144	9.02	-92.99	-92.126	0.0
21	430	431	NS	1	57.635	58.214	0.0	0.003	1.291	0.369	1204.632	1281.68	12.95	-92.985	-91.952	0.0
22	430	431	SN	1	57.795	58.23	0.0	0.003	1.291	0.379	1227.4	1284.224	9.46	-93.046	-92.124	0.0
23	431	432	NS	2	57.637	58.217	0.0	0.003	1.291	0.37	1204.648	1282.152	13.87	-93.141	-91.952	0.0
24	431	432	SN	1	57.806	58.231	0.0	0.003	1.291	0.372	1227.528	1284.328	9.629	-93.029	-92.124	0.0
25	432	433	NS	1	57.645	58.218	0.0	0.003	5.727	0.375	1204.984	1282.296	14.79	-92.914	-91.95	0.0
26	432	433	SN	1	57.789	58.232	0.0	0.003	1.302	0.373	1226.84	1284.504	9.895	-93.037	-92.124	0.0
27	433	434	NS	1	57.632	58.219	0.0	0.003	183.451	0.376	1204.056	1282.392	15.011	-93.005	-91.949	0.0
28	433	434	SN	1	57.795	58.233	0.0	0.003	1.291	0.381	1227.368	1284.624	10.423	-92.984	-92.124	0.0
29	434	435	SN	1	57.801	58.232	0.0	0.003	1.291	0.394	1227.6	1284.56	10.158	-93.035	-92.126	0.0
30	434	435	NS	1	57.644	58.098	0.0	0.003	1.291	0.398	1204.944	1264.952	14.114	-92.974	-91.95	0.0
31	435	436	NS	1	57.636	58.071	0.0	0.003	1.291	0.365	1204.64	1261.816	13.335	-92.771	-91.951	0.0
32	435	436	SN	1	57.787	58.233	0.0	0.003	1.291	0.377	1227.424	1284.6	9.948	-93.027	-92.123	0.0
33	436	437	SN	1	57.787	58.234	0.0	0.003	1.291	0.366	1226.296	1284.752	9.827	-93.05	-92.121	0.0
34	437	438	NS	1	57.64	58.131	0.0	0.003	1.291	0.372	1204.896	1270.064	12.236	-92.937	-91.954	0.0

Parameter Specifications	Parameters	Inc.Angle	Azi. Angle	Range	X-Factor
	Min	57.3	0.0	1210.0	-100.0
	Max	58.9	0.0	1280.0	-80.0

■ Normal ■ Deviations
■ Alarming ■ High Errors

Scatterometer Level - 1B Data Quality Evaluation Report

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35	437	438	SN	1	57.786	58.233	0.0	0.003	1.291	0.367	1226.664	1284.616	9.688	-92.999	-92.118	0.0
36	438	439	NS	1	57.672	58.232	0.0	0.003	1.291	0.374	1205.632	1282.472	12.674	-92.883	-91.954	0.0
37	438	439	SN	1	57.789	58.186	0.0	0.003	1.291	0.365	1226.224	1278.504	0.0	-92.989	-92.118	0.0
38	439	440	SN	2	57.797	58.232	0.0	0.003	1.291	0.373	1226.848	1284.76	9.457	-93.077	-92.118	0.0
39	439	440	NS	1	57.643	58.219	0.0	0.003	1.291	0.376	1205.248	1282.352	12.855	-92.929	-91.955	0.0
40	440	441	NS	2	57.64	58.219	0.0	0.003	1.291	0.377	1205.096	1282.4	13.112	-92.874	-91.953	0.0
41	440	441	SN	1	57.787	58.232	0.0	0.003	1.291	0.382	1226.168	1284.552	9.774	-93.162	-92.12	0.0
42	441	442	NS	1	57.64	58.221	0.0	0.003	1.291	0.369	1205.12	1282.592	13.897	-92.831	-91.952	0.0
43	441	442	SN	1	57.795	58.234	0.0	0.003	1.291	0.387	1227.152	1284.816	10.873	-93.09	-92.121	0.0
44	442	443	NS	1	57.639	58.221	0.0	0.003	1.291	0.385	1204.904	1282.728	13.651	-93.011	-91.952	0.0
45	443	444	NS	1	57.641	58.221	0.0	0.003	1.291	0.381	1205.328	1282.632	13.091	-92.987	-91.953	0.0
46	444	445	SN	1	57.791	58.234	0.0	0.003	1.291	0.378	1226.824	1284.792	11.035	-92.932	-92.119	0.0
47	444	445	NS	2	57.642	58.221	0.0	0.008	1.291	0.376	1204.912	1282.656	13.523	-92.889	-91.953	0.0
48	445	446	SN	1	57.795	58.235	0.0	0.003	1.291	0.38	1226.584	1284.904	11.532	-93.035	-92.118	0.0
49	445	446	NS	1	57.636	58.216	0.0	0.003	1.291	0.369	1204.656	1281.912	12.978	-93.013	-91.953	0.0
50	446	447	SN	1	57.785	58.236	0.0	0.003	1.291	0.372	1226.512	1284.984	11.734	-92.991	-92.117	0.0
51	446	447	NS	1	57.645	58.205	0.0	0.003	1.291	0.369	1205.152	1280.328	12.773	-93.266	-91.952	0.0
52	447	448	NS	1	57.645	58.18	0.0	0.003	1.291	0.372	1205.04	1277.008	13.704	-92.993	-91.951	0.0
53	447	448	SN	1	57.79	58.237	0.0	0.003	1.291	0.374	1226.568	1285.168	11.915	-93.03	-92.116	0.0

Parameter Specifications	Parameters	Inc.Angle	Azi. Angle	Range	X-Factor
	Min	57.3	0.0	1210.0	-100.0
	Max	58.9	0.0	1280.0	-80.0

■ Normal ■ Deviations
■ Alarming ■ High Errors

Scatterometer Level - 1B Data Quality Evaluation Report

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					Outer																								
					SNR												Kp												
					Sea Aft			Sea Fore			Land Aft			Land Fore			Sea Aft			Sea Fore			Land Aft			Land Fore		
SrNo	Start Orbit	End Orbit	Dir.	Ver.	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	419	420	SN	1	-34.243	19.035	0.0	-34.625	19.437	0.0	3.845	24.591	1.119	5.574	24.87	0.918	0.08	177.604	1.018	0.08	193.866	0.891	0.08	0.103	0.0	0.08	0.095	0.0
2	419	420	NS	1	-34.826	17.413	0.0	-34.928	16.708	0.0	1.414	21.513	0.0	0.316	22.966	0.011	0.081	203.102	5.567	0.081	207.926	4.572	0.08	0.121	0.0	0.08	0.134	0.0
3	420	421	SN	1	-32.812	20.272	0.0	-34.581	20.555	0.0	-11.331	24.093	0.608	-22.594	24.344	0.241	0.08	127.722	1.552	0.08	191.945	1.398	0.08	0.971	0.0	0.08	12.204	0.004
4	420	421	NS	1	-32.657	20.9	0.0	-34.281	21.089	0.0	1.747	24.516	0.666	0.05	26.142	1.384	0.08	123.268	1.101	0.08	179.138	1.22	0.08	0.118	0.0	0.08	0.137	0.0
5	421	422	NS	1	-30.285	18.829	0.0	-30.135	21.225	0.0	-22.15	24.191	0.21	-10.125	24.577	0.679	0.08	71.431	0.508	0.08	69.011	0.572	0.08	11.026	0.005	0.08	0.751	0.0
6	421	422	SN	2	-34.383	20.466	0.0	-34.642	20.156	0.0	1.987	24.197	0.777	1.98	23.928	0.418	0.08	183.396	2.365	0.08	194.663	2.385	0.08	0.116	0.0	0.08	0.116	0.0
7	422	423	SN	1	-34.515	20.523	0.0	-34.922	20.083	0.0	3.162	23.98	1.035	3.469	22.901	0.098	0.08	189.072	1.997	0.08	207.651	1.901	0.08	0.107	0.0	0.08	0.105	0.0
8	423	424	NS	1	-33.877	18.161	0.0	-34.671	19.496	0.0	-21.286	24.149	0.405	-30.559	24.478	0.736	0.081	163.269	1.821	0.08	195.952	1.912	0.08	9.048	0.036	0.08	76.07	0.04
9	423	424	SN	1	-34.532	18.325	0.0	-34.632	18.832	0.0	2.513	24.002	3.662	1.753	24.0	5.044	0.081	189.766	1.445	0.08	194.252	1.526	0.08	0.111	0.0	0.08	0.118	0.0
10	424	425	SN	1	-34.567	18.527	0.0	-34.467	19.163	0.0	1.591	24.239	1.925	3.699	24.31	2.441	0.081	191.334	1.241	0.08	187.004	1.116	0.08	0.119	0.0	0.08	0.103	0.0
11	424	425	NS	1	-34.051	18.586	0.0	-34.803	18.561	0.0	-11.167	24.016	0.204	-21.518	23.977	0.617	0.081	169.893	1.696	0.081	202.037	1.662	0.08	0.959	0.0	0.08	9.541	0.009
12	425	426	SN	1	-34.965	18.467	0.0	-34.888	19.578	0.0	-1.377	25.02	2.049	-1.757	24.78	1.366	0.081	209.73	2.346	0.08	206.021	2.13	0.08	0.161	0.0	0.08	0.169	0.0
13	425	426	NS	2	-34.793	20.028	0.0	-34.934	19.652	0.0	-23.304	24.248	1.297	-20.267	24.341	1.922	0.08	201.608	1.882	0.08	208.179	2.026	0.08	14.362	0.044	0.08	7.169	0.018
14	426	427	NS	1	-34.702	20.691	0.0	-34.933	20.64	0.0	4.609	24.813	3.419	2.726	24.933	5.24	0.08	197.374	1.114	0.08	208.139	1.01	0.08	0.099	0.0	0.08	0.11	0.0
15	426	427	SN	1	-34.869	18.212	0.0	-34.705	20.824	0.0	-1.503	25.0	2.798	2.508	25.24	2.752	0.081	205.148	3.076	0.08	197.556	2.703	0.08	0.164	0.0	0.08	0.111	0.0
16	427	428	NS	1	-34.779	20.876	0.0	-34.441	20.572	0.0	-5.314	24.602	3.178	2.339	25.803	5.817	0.08	200.958	1.398	0.08	185.857	1.308	0.08	0.293	0.0	0.08	0.113	0.0
17	428	429	SN	2	-34.164	20.622	0.0	-34.509	21.937	0.0	-19.139	25.029	2.501	-6.191	25.442	2.055	0.08	174.38	1.631	0.08	188.798	1.481	0.08	5.543	0.015	0.08	0.343	0.0
18	428	429	NS	1	-34.015	20.393	0.0	-34.553	19.748	0.0	-7.916	25.244	4.497	-4.659	25.838	9.469	0.08	168.508	1.059	0.08	190.749	1.046	0.08	0.478	0.0	0.08	0.262	0.0
19	429	430	NS	1	-34.982	20.849	0.0	-34.816	18.883	0.0	-4.531	24.396	1.919	-11.981	28.839	5.15	0.08	210.52	1.965	0.08	202.634	2.047	0.08	0.256	0.0	0.08	1.117	0.004
20	429	430	SN	1	-34.838	21.089	0.0	-34.652	22.789	0.004	-23.465	25.057	2.699	-22.536	25.578	2.085	0.08	203.664	4.929	0.08	195.156	5.182	0.08	14.903	0.034	0.08	12.045	0.018
21	430	431	NS	1	-34.413	20.571	0.0	-34.874	19.253	0.0	-4.915	25.247	3.869	-1.032	25.295	6.626	0.08	184.665	1.777	0.08	206.382	1.785	0.08	0.273	0.0	0.08	0.155	0.0
22	430	431	SN	1	-34.857	19.445	0.0	-34.428	20.685	0.0	-24.056	24.957	1.958	-7.792	25.325	1.79	0.08	204.527	3.075	0.08	185.299	2.845	0.08	17.063	0.004	0.08	0.466	0.0
23	431	432	NS	2	-34.51	20.651	0.0	-33.887	19.636	0.0	-3.072	24.844	3.714	-0.06	25.368	6.049	0.08	188.826	1.272	0.08	163.595	1.192	0.08	0.203	0.0	0.08	0.139	0.0
24	431	432	SN	1	-33.392	20.266	0.0	-34.489	20.688	0.0	-10.703	24.684	3.269	-15.205	25.24	3.176	0.08	145.998	2.459	0.08	187.885	2.343	0.08	0.849	0.0	0.08	2.278	0.002
25	432	433	NS	1	-34.198	19.93	0.0	-32.948	17.549	0.0	3.524	24.793	4.353	3.037	24.943	7.041	0.08	175.737	1.237	0.081	131.808	1.428	0.08	0.104	0.0	0.08	0.107	0.0
26	432	433	SN	1	-34.806	19.807	0.0	-34.157	20.204	0.0	-0.083	24.833	6.966	-0.728	25.566	8.197	0.08	202.175	1.723	0.08	174.135	1.747	0.08	0.139	0.0	0.08	0.149	0.0
27	433	434	NS	1	-33.72	19.984	0.0	-34.993	18.187	0.0	2.5	24.885	5.082	3.105	25.581	5.719	0.08	157.454	1.148	0.081	211.054	1.251	0.08	0.111	0.0	0.08	0.107	0.0
28	433	434	SN	1	-33.785	20.011	0.0	-34.413	20.023	0.0	3.942	25.133	4.875	5.444	25.244	6.825	0.08	159.796	1.124	0.08	184.668	1.021	0.08	0.102	0.0	0.08	0.095	0.0
29	434	435	SN	1	-34.142	18.827	0.0	-30.076	19.557	0.0	-4.822	24.214	0.784	-4.344	24.718	0.519	0.08	173.513	0.566	0.08	68.067	0.451	0.08	0.269	0.0	0.08	0.248	0.0
30	434	435	NS	1	-34.739	18.874	0.0	-34.51	19.714	0.0	5.291	24.404	0.04	3.84	26.231	0.081	0.08	199.085	2.197	0.08	188.831	2.235	0.08	0.096	0.0	0.08	0.103	0.0
31	435	436	NS	1	-34.734	18.527	0.0	-34.49	18.58	0.0	-5.321	26.788	0.159	-12.021	26.078	0.124	0.081	203.532	1.83	0.081	188.009	1.761	0.08	0.293	0.0	0.08	1.127	0.002
32	435	436	SN	1	-34.41	20.193	0.0	-34.9	21.067	0.0	-24.472	24.608	0.674	-11.475	24.446	0.336	0.08	184.513	1.939	0.08	206.564	1.503	0.08	18.774	0.002	0.08	1.001	0.002

Parameter Specifications	Parameters	SNR	Kp
	Min	-65.0	0.0
	Max	22.0	1.0

■ Normal   □ Deviations
■ Alarming   ■ High Errors

33	436	437	SN	1	-34.977	20.495	0.0	-34.979	20.478	0.0	-5.765	24.681	1.467	-6.641	23.552	0.869	0.08	210.275	2.116	0.08	210.367	2.043	0.08	0.318	0.0	0.08	0.373	0.0
34	437	438	NS	1	-34.849	18.348	0.0	-34.198	18.923	0.0	-17.747	21.166	0.0	-23.46	21.514	0.0	0.081	208.976	6.371	0.08	175.766	6.652	0.08	4.04	0.007	0.08	14.886	0.042
35	437	438	SN	1	-34.414	19.233	0.0	-34.707	19.044	0.0	2.975	23.498	1.624	3.548	23.487	1.445	0.08	184.717	0.992	0.08	197.593	1.009	0.08	0.108	0.0	0.08	0.104	0.0
36	438	439	NS	1	-33.834	18.159	0.0	-34.205	18.441	0.0	-19.868	24.452	0.396	-19.424	24.63	0.62	0.081	161.617	1.094	0.081	176.071	1.346	0.08	6.544	0.003	0.08	5.913	0.006
37	438	439	SN	1	-34.784	16.272	0.0	-32.838	18.97	0.0	7.316	18.436	0.0	4.859	19.27	0.0	0.081	201.124	0.982	0.08	128.518	1.038	0.081	0.09	0.0	0.08	0.098	0.0
38	439	440	SN	2	-34.671	17.857	0.0	-34.971	19.056	0.0	2.438	23.912	1.397	4.275	23.355	0.855	0.081	196.006	2.171	0.08	209.996	2.321	0.08	0.112	0.0	0.08	0.1	0.0
39	439	440	NS	1	-34.213	19.036	0.0	-34.611	19.31	0.0	-9.973	23.917	0.236	-11.11	24.251	0.993	0.08	176.363	1.813	0.08	193.247	1.85	0.08	0.727	0.0	0.08	0.926	0.0
40	440	441	NS	2	-34.908	20.953	0.0	-33.953	20.537	0.0	-19.142	24.065	1.911	-14.545	24.853	2.858	0.08	206.968	1.432	0.08	166.12	1.412	0.08	5.547	0.006	0.08	1.965	0.004
41	440	441	SN	1	-34.94	18.976	0.0	-34.75	19.87	0.0	2.542	24.842	2.831	3.226	24.793	2.868	0.08	208.472	3.202	0.08	199.555	3.265	0.08	0.111	0.0	0.08	0.106	0.0
42	441	442	NS	1	-33.611	20.216	0.0	-34.482	21.867	0.0	3.877	25.032	3.614	3.708	25.739	5.296	0.08	153.584	0.883	0.08	187.643	0.865	0.08	0.102	0.0	0.08	0.103	0.0
43	441	442	SN	1	-34.495	17.201	0.0	-34.207	21.183	0.0	-5.86	26.049	2.912	-5.465	26.553	2.916	0.081	188.159	2.725	0.08	176.1	2.583	0.08	0.323	0.0	0.08	0.301	0.0
44	442	443	NS	1	-34.239	20.702	0.0	-34.858	20.611	0.0	0.027	25.091	3.051	-5.51	26.508	7.12	0.08	177.421	0.864	0.08	204.612	0.977	0.08	0.138	0.0	0.08	0.303	0.0
45	443	444	NS	1	-34.394	20.224	0.0	-33.921	18.886	0.0	-4.517	24.745	2.246	-1.098	25.739	5.975	0.08	183.892	1.134	0.08	164.905	1.011	0.08	0.256	0.0	0.08	0.156	0.0
46	444	445	SN	1	-33.112	19.912	0.0	-34.906	22.132	0.001	-16.56	25.292	2.023	-12.798	26.019	1.868	0.08	136.865	2.939	0.08	206.861	3.097	0.08	3.088	0.003	0.08	1.335	0.005
47	444	445	NS	2	-34.352	20.65	0.0	-34.465	19.078	0.0	-13.448	24.698	2.506	-16.35	25.546	5.276	0.08	182.122	1.144	0.08	186.931	1.175	0.08	1.54	0.003	0.08	2.945	0.002
48	445	446	SN	1	-33.126	19.465	0.0	-33.864	20.393	0.0	-32.86	25.09	2.067	-14.504	25.716	1.972	0.08	137.339	1.809	0.08	162.748	1.638	0.08	129.18	0.006	0.08	1.948	0.003
49	445	446	NS	1	-34.993	20.144	0.0	-34.973	19.723	0.0	-7.5	24.782	5.723	-13.35	24.847	8.33	0.08	211.016	0.95	0.08	210.067	1.072	0.08	0.44	0.0	0.08	1.508	0.009
50	446	447	SN	1	-34.962	20.6	0.0	-34.311	20.356	0.0	-25.148	25.223	5.745	-20.03	25.561	6.008	0.08	209.544	1.915	0.08	180.393	1.766	0.08	21.926	0.033	0.08	6.791	0.053
51	446	447	NS	1	-33.14	20.456	0.0	-34.614	19.126	0.0	3.823	24.635	3.401	3.39	24.811	8.351	0.08	137.77	2.436	0.08	193.394	2.407	0.08	0.103	0.0	0.08	0.105	0.0
52	447	448	NS	1	-34.858	19.562	0.0	-34.963	17.034	0.0	6.719	25.12	1.287	4.649	24.395	1.631	0.08	204.597	1.6	0.081	209.608	1.613	0.08	0.091	0.0	0.08	0.099	0.0
53	447	448	SN	1	-34.742	20.066	0.0	-33.825	20.114	0.0	3.045	24.974	6.498	5.341	25.529	9.841	0.08	199.213	0.811	0.08	161.3	0.818	0.08	0.107	0.0	0.08	0.096	0.0

Parameter Specifications	Parameters	SNR	Kp
	Min	-65.0	0.0
	Max	22.0	1.0

Normal   Deviations
Alarming   High Errors