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

Report between   17-OCT-2016   To   18-OCT-2016

Sr No	Start Orbit	End Orbit	Dir.	Ver.	Inner Incidence Angle Min	Max	BadOcc(%)	Azimuth Angle Min	Max	BadOcc(%)	Range Min	Max	BadOcc(%)	X-Factor Min	Max	BadOcc(%)
1	303	304	SN	1	48.762	49.06	0.0	0.003	1.291	0.384	1046.528	1082.856	0.0	-93.399	-91.94	0.0
2	304	305	NS	1	48.632	48.956	0.0	0.003	1.291	0.38	1024.344	1065.144	1.3	-92.817	-91.737	0.0
3	304	305	SN	1	48.761	49.079	0.0	0.003	1.291	0.39	1046.648	1082.728	0.0	-93.344	-91.94	0.0
4	305	306	SN	1	48.76	49.085	0.0	0.003	1.291	0.365	1046.224	1082.888	0.0	-93.197	-91.928	0.0
5	306	307	NS	1	48.629	48.984	0.0	0.003	1.291	0.363	1024.432	1065.672	0.184	-93.437	-91.74	0.0
6	306	307	SN	1	48.766	49.083	0.0	0.003	1.291	0.363	1046.224	1082.928	0.0	-93.087	-91.936	0.0
7	307	308	SN	1	48.765	49.072	0.0	0.003	186.037	0.369	1046.544	1082.84	0.0	-93.293	-91.936	0.0
8	307	308	NS	1	48.639	49.008	0.0	0.003	1.291	0.372	1025.008	1074.952	0.0	-92.882	-91.74	0.0
9	308	309	NS	1	48.641	49.052	0.0	0.003	195.716	0.374	1024.952	1081.096	0.064	-92.869	-91.749	0.0
10	308	309	SN	2	48.763	49.077	0.0	0.003	207.816	0.368	1046.576	1082.84	0.0	-92.991	-91.937	0.0
11	309	310	NS	1	48.63	49.026	0.0	0.003	218.51	0.375	1024.912	1080.976	0.265	-92.81	-91.75	0.0
12	310	311	NS	1	48.627	49.068	0.0	0.003	232.38	0.37	1024.216	1081.04	0.833	-92.897	-91.748	0.0
13	310	311	SN	2	48.768	49.083	0.0	0.003	1.291	0.38	1046.88	1082.888	0.0	-93.054	-91.937	0.0
14	311	312	NS	1	48.603	49.039	0.0	0.003	1.291	0.376	1024.072	1081.152	1.156	-92.934	-91.747	0.0
15	312	313	NS	1	48.629	49.028	0.0	0.003	1.291	0.384	1024.256	1081.192	0.7	-93.184	-91.748	0.0
16	313	314	NS	1	48.626	49.063	0.0	0.003	1.291	0.377	1024.096	1081.072	0.641	-92.977	-91.749	0.0
17	314	315	NS	1	48.63	49.026	0.0	0.003	1.291	0.375	1024.4	1080.888	0.917	-92.897	-91.747	0.0
18	314	315	SN	1	48.782	49.077	0.0	0.003	1.291	0.376	1046.84	1083.048	0.0	-93.037	-91.939	0.0
19	315	316	NS	1	48.632	49.031	0.0	0.003	1.291	0.37	1024.368	1079.92	1.39	-92.907	-91.747	0.0
20	315	316	SN	1	48.771	49.074	0.0	0.003	1.291	0.369	1046.792	1083.136	0.0	-93.474	-91.936	0.0
21	316	317	NS	1	48.634	49.026	0.0	0.003	1.291	0.376	1024.424	1077.912	2.115	-93.038	-91.745	0.0
22	316	317	SN	1	48.762	49.062	0.0	0.003	1.291	0.372	1046.224	1083.272	0.0	-93.553	-91.936	0.0
23	317	318	NS	1	48.624	48.996	0.0	0.003	1.291	0.373	1023.824	1073.784	2.538	-92.967	-91.745	0.0
24	317	318	SN	1	48.759	49.077	0.0	0.003	1.291	0.379	1046.064	1083.392	0.0	-93.106	-91.937	0.0
25	318	319	SN	1	48.76	49.072	0.0	0.003	1.291	0.386	1046.568	1083.368	0.0	-93.079	-91.937	0.0
26	318	319	NS	1	48.632	48.937	0.0	0.003	1.291	0.389	1024.408	1066.888	2.443	-92.805	-91.736	0.0
27	319	320	SN	1	48.759	49.088	0.0	0.003	1.291	0.372	1046.272	1083.36	0.0	-93.252	-91.925	0.0
28	319	320	NS	1	48.637	48.912	0.0	0.003	1.291	0.367	1024.52	1062.752	1.655	-92.829	-91.737	0.0
29	320	321	SN	1	48.759	49.087	0.0	0.003	1.291	0.362	1046.448	1083.544	0.0	-93.134	-91.923	0.0
30	320	321	NS	1	48.638	48.978	0.0	0.003	345.355	0.362	1024.192	1064.56	0.855	-93.728	-92.747	0.0
31	321	322	SN	1	48.768	49.08	0.0	0.003	197.509	0.366	1046.288	1083.432	0.0	-93.027	-91.932	0.0
32	321	322	NS	1	48.626	48.966	0.0	0.003	189.435	0.369	1024.16	1069.952	0.294	-92.947	-91.74	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

02/02/2017 6.27 PM

33	322	323	SN	1	48.759	49.058	0.0	0.003	1.291	0.366	1045.584	1079.6	0.0	-93.281	-91.931	0.0
34	322	323	NS	1	48.636	49.044	0.0	0.003	207.154	0.369	1024.896	1081.712	0.235	-92.845	-91.739	0.0
35	323	324	SN	1	48.756	49.083	0.0	0.003	235.998	0.371	1045.688	1083.312	0.0	-93.468	-91.932	0.0
36	323	324	NS	2	48.639	49.043	0.0	0.003	346.48	0.376	1024.704	1081.608	0.282	-93.62	-91.751	0.0
37	324	325	NS	2	48.626	49.066	0.0	0.003	246.372	0.373	1024.024	1081.608	0.605	-92.989	-91.748	0.0
38	324	325	SN	1	48.752	49.086	0.0	0.003	259.078	0.378	1045.864	1083.36	0.0	-93.382	-91.933	0.0
39	325	326	NS	1	48.635	49.038	0.0	0.003	265.338	0.372	1024.584	1081.744	1.36	-92.919	-91.746	0.0
40	325	326	SN	2	48.767	49.084	0.0	0.003	277.079	0.382	1046.352	1083.568	0.0	-93.069	-91.934	0.0
41	326	327	NS	1	48.63	49.035	0.0	0.003	286.879	0.384	1024.248	1081.848	1.246	-93.002	-91.747	0.0
42	327	328	NS	1	48.63	49.064	0.0	0.003	1.291	0.381	1024.336	1081.8	1.031	-92.989	-91.747	0.0
43	328	329	NS	1	48.637	49.042	0.0	0.003	1.291	0.375	1024.104	1081.8	1.136	-92.92	-91.747	0.0
44	329	330	NS	1	48.621	49.038	0.0	0.003	1.291	0.372	1024.528	1081.2	1.548	-92.986	-91.746	0.0
45	329	330	SN	1	48.768	49.069	0.0	0.003	1.291	0.372	1046.376	1083.736	0.0	-93.167	-91.933	0.0
46	330	331	NS	1	48.631	49.018	0.0	0.003	1.291	0.372	1024.064	1079.728	2.278	-92.997	-91.746	0.0
47	330	331	SN	1	48.764	49.083	0.0	0.003	1.291	0.37	1045.768	1083.808	0.0	-92.967	-91.933	0.0
48	331	332	SN	1	48.762	49.083	0.0	0.003	1.291	0.369	1045.808	1083.96	0.0	-93.053	-91.932	0.0
49	331	332	NS	1	48.624	49.019	0.0	0.003	1.291	0.367	1023.968	1076.704	2.728	-92.996	-91.744	0.0
50	332	333	NS	1	48.586	49.01	0.0	0.003	1.291	0.378	1022.976	1070.416	3.097	-92.889	-91.744	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

SrNo	Start Orbit	End Orbit	Dir.	Ver.	SNR Sea Aft Min	Max	BadOcc (%)	SNR Sea Fore Min	Max	BadOcc (%)	SNR Land Aft Min	Max	BadOcc (%)	SNR Land Fore Min	Max	BadOcc (%)	Kp Sea Aft Min	Max	BadOcc (%)	Kp Sea Fore Min	Max	BadOcc (%)	Kp Land Aft Min	Max	BadOcc (%)	Kp Land Fore Min	Max	BadOcc (%)
1	303	304	SN	1	-34.827	23.041	0.092	-34.71	24.595	0.618	2.09	29.86	9.069	3.645	28.508	7.251	0.103	256.716	7.368	0.103	249.857	6.504	0.103	0.147	0.0	0.103	0.133	0.0
2	304	305	NS	1	-34.072	23.157	0.058	-34.804	22.921	0.045	0.161	30.69	9.198	0.763	33.213	16.66	0.103	215.797	3.136	0.103	255.331	2.762	0.103	0.174	0.0	0.102	0.164	0.0
3	304	305	SN	1	-34.926	25.048	0.429	-34.885	26.247	0.779	-30.004	28.033	7.74	-28.418	29.833	5.897	0.103	262.624	3.323	0.103	260.097	3.488	0.103	84.599	0.096	0.103	58.74	0.086
4	305	306	SN	1	-34.634	24.519	0.131	-34.905	26.242	0.309	2.545	33.253	6.972	-1.073	32.181	3.773	0.103	245.541	4.667	0.103	261.302	4.375	0.102	0.142	0.0	0.102	0.199	0.0
5	306	307	NS	1	-33.372	22.088	0.001	-34.821	20.964	0.0	-2.483	27.633	4.488	-17.728	29.014	7.795	0.103	183.624	4.783	0.103	256.372	5.0	0.103	0.238	0.0	0.103	5.086	0.005
6	306	307	SN	1	-34.88	24.129	0.036	-34.954	24.793	0.087	6.716	26.242	10.198	6.652	27.5	5.481	0.103	259.835	5.601	0.103	275.175	5.061	0.103	0.117	0.0	0.103	0.117	0.0
7	307	308	SN	1	-34.855	21.691	0.0	-34.994	23.024	0.029	5.407	27.525	10.667	6.366	27.299	9.21	0.103	258.386	4.445	0.103	266.742	3.552	0.103	0.122	0.0	0.103	0.118	0.0
8	307	308	NS	1	-34.77	22.879	0.007	-34.987	23.029	0.002	-20.442	28.106	1.793	-22.53	29.356	4.155	0.103	253.377	3.36	0.103	266.288	3.06	0.103	9.428	0.032	0.103	15.202	0.019
9	308	309	NS	1	-34.097	22.924	0.039	-33.689	22.822	0.038	-13.401	28.366	5.104	-12.286	29.715	11.668	0.103	216.996	2.713	0.103	197.513	2.199	0.103	1.929	0.007	0.103	1.511	0.003
10	308	309	SN	2	-34.597	22.768	0.004	-34.012	23.328	0.036	5.065	27.88	12.838	6.897	28.413	16.326	0.103	243.453	1.211	0.103	212.808	0.898	0.103	0.124	0.0	0.103	0.116	0.0
11	309	310	NS	1	-34.765	23.561	0.12	-34.66	24.465	0.236	-19.384	29.526	6.098	-11.831	29.338	12.352	0.103	253.056	3.364	0.103	247.005	3.33	0.103	7.407	0.012	0.103	1.369	0.002
12	310	311	NS	1	-34.84	25.442	0.342	-34.997	27.118	0.591	6.835	28.259	11.191	6.212	29.226	18.28	0.103	257.406	5.303	0.103	266.946	5.128	0.103	0.117	0.0	0.103	0.119	0.0
13	310	311	SN	2	-34.611	26.118	0.004	-34.685	24.403	0.397	-14.789	29.831	8.542	-12.718	33.182	9.436	0.103	244.251	3.403	0.103	248.426	3.357	0.103	2.625	0.005	0.102	1.66	0.003
14	311	312	NS	1	-34.519	25.906	0.628	-34.923	26.691	0.85	-1.032	29.389	15.48	0.372	30.787	26.92	0.103	239.145	5.991	0.103	262.461	4.736	0.103	0.198	0.0	0.103	0.17	0.0
15	312	313	NS	1	-34.967	25.229	0.382	-34.526	24.444	0.198	-7.527	31.811	19.881	0.867	33.579	32.062	0.103	265.106	3.866	0.103	247.66	3.148	0.102	0.562	0.0	0.102	0.162	0.0
16	313	314	NS	1	-34.929	24.726	0.408	-33.416	23.055	0.086	-24.264	30.425	12.524	-23.885	29.567	20.531	0.103	262.816	5.758	0.103	185.533	5.395	0.103	22.621	0.044	0.103	20.741	0.03
17	314	315	NS	1	-34.996	24.816	0.45	-33.257	23.519	0.347	-0.618	32.857	17.181	-1.95	29.206	23.955	0.103	266.871	1.837	0.103	178.822	2.024	0.102	0.189	0.0	0.103	0.222	0.0
18	314	315	SN	1	-33.438	24.073	0.189	-33.689	26.372	1.222	-29.139	28.982	12.052	-21.89	30.119	9.925	0.103	186.475	2.881	0.103	197.537	2.856	0.103	69.335	0.066	0.103	13.131	0.041
19	315	316	NS	1	-34.128	24.901	0.234	-34.536	24.11	0.227	-0.615	28.313	15.571	-1.571	28.638	31.861	0.103	218.559	2.747	0.103	240.119	2.331	0.103	0.189	0.0	0.103	0.211	0.0
20	315	316	SN	1	-34.902	24.452	0.242	-34.67	25.24	1.329	-7.155	29.41	14.059	-3.705	29.797	13.631	0.103	261.172	2.543	0.103	247.525	2.439	0.103	0.522	0.0	0.103	0.285	0.0
21	316	317	NS	1	-34.359	24.189	0.209	-34.506	23.987	0.064	5.761	28.587	10.405	5.384	28.575	21.943	0.103	230.419	2.796	0.103	238.365	2.415	0.103	0.121	0.0	0.103	0.123	0.0
22	316	317	SN	1	-34.922	24.308	0.19	-34.847	25.008	0.824	0.975	29.319	33.655	0.93	30.185	41.285	0.103	262.388	5.409	0.103	257.878	4.734	0.103	0.161	0.0	0.103	0.161	0.0
23	317	318	NS	1	-34.849	23.556	0.121	-34.984	22.127	0.001	8.537	26.977	4.147	7.188	26.745	4.266	0.103	257.988	5.106	0.103	277.077	4.495	0.103	0.112	0.0	0.103	0.116	0.0
24	317	318	SN	1	-34.725	23.85	0.135	-34.897	24.438	0.647	0.973	29.885	19.899	6.091	29.731	20.836	0.103	250.79	6.256	0.103	260.851	4.912	0.103	0.161	0.0	0.103	0.119	0.0
25	318	319	SN	1	-34.635	23.898	0.16	-34.77	23.925	0.689	-7.08	30.113	6.043	-4.928	27.766	4.779	0.103	245.663	4.401	0.103	253.322	3.834	0.103	0.515	0.0	0.103	0.349	0.0
26	318	319	NS	1	-34.936	22.904	0.131	-34.793	22.735	0.036	-15.861	30.66	3.442	-6.59	32.747	5.714	0.103	263.2	4.903	0.103	254.668	4.375	0.103	3.337	0.003	0.102	0.47	0.0
27	319	320	SN	1	-34.942	25.629	0.205	-34.546	25.705	0.505	-13.604	31.213	6.879	-2.962	31.197	3.284	0.103	263.613	4.48	0.103	240.644	3.587	0.103	2.017	0.002	0.103	0.255	0.0
28	319	320	NS	1	-34.991	22.777	0.036	-34.881	29.364	0.088	-9.512	33.564	6.896	-4.116	32.823	16.247	0.103	266.541	5.342	0.103	259.975	4.757	0.102	0.837	0.0	0.102	0.305	0.0
29	320	321	SN	1	-34.603	24.867	0.115	-34.476	25.015	0.187	3.099	27.319	8.755	2.756	27.115	4.483	0.103	243.777	2.719	0.103	236.793	2.266	0.103	0.137	0.0	0.103	0.14	0.0
30	320	321	NS	1	-34.843	22.161	0.003	-34.997	22.054	0.002	-8.969	30.653	4.059	-12.979	30.099	8.299	0.103	257.672	2.715	0.103	277.882	4.183	0.103	0.749	0.0	0.103	1.758	0.004
31	321	322	SN	1	-34.933	22.204	0.001	-34.742	23.306	0.042	5.178	26.282	7.223	6.177	26.947	3.167	0.103	262.974	3.234	0.103	251.736	2.516	0.103	0.124	0.0	0.103	0.119	0.0
32	321	322	NS	1	-34.864	23.009	0.007	-34.541	21.05	0.0	-28.647	27.334	2.819	-26.531	31.571	4.967	0.103	258.887	6.539	0.103	240.317	6.22	0.103	61.921	0.052	0.102	38.065	0.034
33	322	323	SN	1	-34.49	22.32	0.001	-34.284	22.846	0.032	6.604	23.204	1.692	8.145	26.468	3.519	0.103	237.539	2.251	0.103	226.583	2.253	0.103	0.117	0.0	0.103	0.113	0.0

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

Normal Deviations
Alarming High Errors

Scatterometer Level - 1B Data Quality Evaluation Report

02/02/2017 6.27 PM

34	322	323	NS	1	-34.939	22.457	0.017	-34.782	21.966	0.0	-34.905	28.522	4.254	-26.081	28.94	9.804	0.103	263.412	2.819	0.103	254.032	3.102	0.103	261.311	0.058	0.103	34.334	0.062
35	323	324	SN	1	-34.925	22.984	0.007	-34.994	23.56	0.055	3.809	27.837	13.334	6.539	28.238	14.411	0.103	273.337	3.865	0.103	266.751	3.5	0.103	0.132	0.0	0.103	0.118	0.0
36	323	324	NS	2	-34.789	23.665	0.101	-34.926	23.338	0.136	-22.994	28.737	5.282	-13.098	28.601	9.652	0.103	254.408	3.698	0.103	262.615	3.366	0.103	16.907	0.006	0.103	1.804	0.007
37	324	325	NS	2	-34.615	25.47	0.348	-34.891	25.244	0.541	-5.759	29.181	9.532	-2.84	28.966	14.504	0.103	244.479	4.45	0.103	260.455	4.184	0.103	0.403	0.0	0.103	0.251	0.0
38	324	325	SN	1	-34.515	26.565	0.011	-34.979	24.239	0.205	-0.543	31.38	8.617	-2.47	31.418	8.545	0.103	238.903	7.569	0.103	265.845	7.312	0.103	0.187	0.0	0.103	0.238	0.0
39	325	326	NS	1	-34.988	25.824	0.384	-34.199	26.469	0.665	4.527	28.866	9.944	5.399	29.172	16.91	0.103	266.368	5.222	0.103	222.169	4.168	0.103	0.127	0.0	0.103	0.122	0.0
40	325	326	SN	2	-34.925	23.838	0.003	-34.628	24.955	0.816	-9.299	36.107	10.858	-0.933	32.752	11.932	0.103	262.495	5.665	0.102	245.191	5.462	0.103	0.801	0.0	0.102	0.195	0.0
41	326	327	NS	1	-34.546	25.001	0.438	-34.979	24.776	0.432	-6.2	29.599	23.407	-8.827	30.861	40.928	0.103	240.61	5.455	0.103	265.861	4.724	0.103	0.437	0.0	0.103	0.727	0.0
42	327	328	NS	1	-34.999	24.67	0.368	-34.277	24.191	0.132	-16.738	29.792	13.024	-13.674	33.106	23.268	0.103	267.096	2.874	0.103	226.148	2.362	0.103	4.065	0.019	0.102	2.049	0.002
43	328	329	NS	1	-34.273	25.229	0.367	-34.911	23.694	0.126	-19.278	32.351	15.285	-14.153	35.284	21.7	0.103	225.985	1.532	0.103	261.676	1.497	0.102	7.233	0.008	0.102	2.278	0.009
44	329	330	NS	1	-34.382	24.451	0.304	-34.86	23.973	0.313	-18.799	29.048	20.787	-30.206	28.702	31.536	0.103	231.706	2.895	0.103	258.639	2.574	0.103	6.485	0.033	0.103	88.628	0.023
45	329	330	SN	1	-34.256	25.869	0.315	-34.67	25.453	1.58	-13.123	30.496	11.621	-12.213	31.151	11.043	0.103	225.136	5.302	0.103	247.513	4.755	0.103	1.815	0.001	0.103	1.487	0.001
46	330	331	NS	1	-33.693	24.152	0.229	-34.357	24.652	0.167	9.358	28.182	12.558	9.533	28.442	25.803	0.103	197.735	3.164	0.103	230.362	2.839	0.103	0.11	0.0	0.103	0.11	0.0
47	330	331	SN	1	-34.782	24.314	0.192	-34.787	24.768	1.029	-13.316	30.026	21.504	-15.462	30.202	23.485	0.103	254.04	2.79	0.103	254.364	2.655	0.103	1.893	0.018	0.103	3.05	0.005
48	331	332	SN	1	-34.892	23.816	0.123	-34.778	24.511	0.71	4.513	29.455	31.53	6.004	30.513	39.205	0.103	260.544	3.228	0.103	253.768	2.402	0.103	0.127	0.0	0.103	0.12	0.0
49	331	332	NS	1	-34.815	24.039	0.157	-34.603	22.996	0.011	10.331	26.92	2.341	7.641	28.652	7.112	0.103	256.016	4.463	0.103	243.765	3.51	0.103	0.109	0.0	0.103	0.114	0.0
50	332	333	NS	1	-33.509	22.992	0.146	-34.926	22.413	0.002	0.469	29.842	5.444	1.193	31.621	8.553	0.103	189.517	2.725	0.103	262.585	2.79	0.103	0.168	0.0	0.102	0.158	0.0

Sr No	Start Orbit	End Orbit	Dir.	Ver.	Outer											
					Incidence Angle			Azimuth Angle			Range			X-Factor		
					Min	Max	BadOcc(%)	Min	Max	BadOcc(%)	Min	Max	BadOcc(%)	Min	Max	BadOcc(%)
1	303	304	SN	1	57.628	58.004	0.0	0.003	1.291	0.384	1227.52	1273.64	0.0	-94.439	-93.312	0.0
2	304	305	NS	1	57.46	57.855	0.0	0.003	1.291	0.392	1200.472	1252.24	29.751	-93.926	-93.086	0.0
3	304	305	SN	1	57.639	57.999	0.0	0.003	1.291	0.393	1227.576	1273.112	0.0	-94.315	-93.311	0.0
4	305	306	SN	1	57.635	58.0	0.0	0.003	1.291	0.373	1227.24	1273.2	0.0	-94.242	-93.3	0.0
5	306	307	NS	1	57.463	57.855	0.0	0.003	1.291	0.362	1200.896	1252.864	32.706	-94.433	-93.089	0.0
6	306	307	SN	1	57.641	58.003	0.0	0.003	1.291	0.365	1227.192	1273.384	0.0	-94.367	-93.306	0.0
7	307	308	SN	1	57.637	58.008	0.0	0.003	185.475	0.365	1227.152	1273.664	0.0	-94.443	-93.305	0.0
8	307	308	NS	1	57.468	57.919	0.0	0.003	1.291	0.374	1201.416	1263.688	28.671	-94.014	-93.089	0.0
9	308	309	NS	1	57.471	57.978	0.0	0.003	195.154	0.376	1201.496	1270.584	26.96	-94.189	-93.097	0.0
10	308	309	SN	2	57.637	57.999	0.0	0.003	207.254	0.365	1227.392	1273.136	0.0	-94.521	-93.306	0.0
11	309	310	NS	1	57.441	57.978	0.0	0.003	216.679	0.378	1201.48	1270.424	27.404	-94.203	-93.097	0.0
12	310	311	NS	1	57.462	57.981	0.0	0.003	230.549	0.373	1200.696	1270.496	27.826	-94.108	-93.095	0.0
13	310	311	SN	2	57.635	57.997	0.0	0.003	1.291	0.385	1227.432	1273.176	0.0	-94.218	-93.306	0.0
14	311	312	NS	1	57.464	57.978	0.0	0.003	1.291	0.375	1200.56	1270.624	27.836	-94.148	-93.095	0.0
15	312	313	NS	1	57.464	57.977	0.0	0.003	1.291	0.39	1200.704	1270.672	26.59	-94.493	-93.095	0.0
16	313	314	NS	1	57.461	57.976	0.0	0.003	1.291	0.379	1200.696	1270.52	27.583	-94.125	-93.096	0.0
17	314	315	NS	1	57.465	57.965	0.0	0.003	1.291	0.372	1200.952	1270.312	28.156	-94.129	-93.095	0.0
18	314	315	SN	1	57.642	57.988	0.0	0.003	1.291	0.383	1227.712	1273.384	0.0	-94.19	-93.308	0.0
19	315	316	NS	1	57.46	57.957	0.0	0.003	1.291	0.37	1200.608	1269.24	29.318	-94.093	-93.095	0.0
20	315	316	SN	1	57.647	57.989	0.0	0.003	1.291	0.374	1227.664	1273.52	0.0	-94.421	-93.306	0.0
21	316	317	NS	1	57.46	57.942	0.0	0.003	1.291	0.374	1200.288	1267.056	31.227	-94.209	-93.093	0.0
22	316	317	SN	1	57.635	57.997	0.0	0.003	1.291	0.373	1226.96	1273.68	0.0	-94.176	-93.306	0.0
23	317	318	NS	1	57.457	57.91	0.0	0.003	1.291	0.374	1200.224	1262.344	32.219	-94.361	-93.094	0.0
24	317	318	SN	1	57.634	58.005	0.0	0.003	1.291	0.38	1226.896	1273.824	0.0	-94.352	-93.306	0.0
25	318	319	SN	1	57.636	58.009	0.0	0.003	1.291	0.396	1227.544	1273.784	0.0	-94.492	-93.307	0.0
26	318	319	NS	1	57.464	57.863	0.0	0.003	1.291	0.393	1200.904	1254.288	31.482	-93.924	-93.083	0.0
27	319	320	SN	1	57.614	58.004	0.0	0.003	1.291	0.377	1226.768	1273.76	0.0	-94.341	-93.297	0.0
28	319	320	NS	1	57.465	57.838	0.0	0.003	1.291	0.367	1201.096	1249.392	32.366	-93.966	-93.084	0.0
29	320	321	SN	1	57.638	58.0	0.0	0.003	1.291	0.365	1226.696	1273.88	0.0	-94.437	-93.295	0.0
30	320	321	NS	1	57.462	57.854	0.0	0.003	1.291	0.363	1200.704	1251.232	33.228	-94.689	-93.953	0.0
31	321	322	SN	1	57.637	58.009	0.0	0.003	196.952	0.364	1226.704	1274.264	0.0	-94.272	-93.302	0.0
32	321	322	NS	1	57.462	57.885	0.0	0.003	187.609	0.373	1200.848	1257.944	31.378	-94.1	-93.088	0.0
33	322	323	SN	1	57.631	57.961	0.0	0.003	1.291	0.366	1226.248	1269.8	0.0	-94.622	-93.301	0.0
34	322	323	NS	1	57.474	57.985	0.0	0.003	205.323	0.372	1201.48	1271.328	26.766	-93.991	-93.088	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

02/02/2017 6.27 PM

35	323	324	SN	1	57.634	58.006	0.0	0.003	235.441	0.37	1226.384	1273.688	0.0	-94.206	-93.302	0.0
36	323	324	NS	2	57.47	57.978	0.0	0.003	225.563	0.377	1201.288	1271.192	27.093	-94.423	-93.097	0.0
37	324	325	NS	2	57.461	57.982	0.0	0.003	245.809	0.376	1200.64	1271.192	27.434	-94.326	-93.095	0.0
38	324	325	SN	1	57.633	58.007	0.0	0.003	257.247	0.38	1226.488	1273.752	0.0	-94.383	-93.301	0.0
39	325	326	NS	1	57.461	57.982	0.0	0.003	264.775	0.369	1200.496	1271.344	27.628	-94.129	-93.094	0.0
40	325	326	SN	2	57.638	58.006	0.0	0.003	276.522	0.388	1227.128	1274.016	0.0	-94.241	-93.304	0.0
41	326	327	NS	1	57.463	57.983	0.0	0.003	286.322	0.383	1201.112	1271.472	26.88	-94.166	-93.094	0.0
42	327	328	NS	1	57.461	57.979	0.0	0.003	1.291	0.381	1200.64	1271.4	27.133	-94.432	-93.095	0.0
43	328	329	NS	1	57.461	57.979	0.0	0.003	332.466	0.374	1200.72	1271.416	27.831	-94.073	-93.095	0.0
44	329	330	NS	1	57.465	57.971	0.0	0.003	1.291	0.368	1200.752	1270.744	28.879	-94.31	-93.093	0.0
45	329	330	SN	1	57.622	57.992	0.0	0.003	1.291	0.379	1226.4	1274.232	0.0	-94.266	-93.303	0.0
46	330	331	NS	1	57.465	57.957	0.0	0.003	1.291	0.372	1200.864	1269.104	30.382	-94.111	-93.092	0.0
47	330	331	SN	1	57.641	58.001	0.0	0.003	1.291	0.375	1227.136	1274.328	0.0	-94.345	-93.301	0.0
48	331	332	SN	1	57.631	58.001	0.0	0.003	1.291	0.374	1226.488	1274.496	0.0	-94.182	-93.301	0.0
49	331	332	NS	1	57.46	57.933	0.0	0.003	1.291	0.373	1200.168	1265.736	31.822	-94.179	-93.091	0.0
50	332	333	NS	1	57.458	57.892	0.0	0.003	1.291	0.384	1200.12	1258.488	33.729	-94.109	-93.089	0.0

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

					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	303	304	SN	1	-34.643	17.037	0.0	-34.874	18.096	0.0	-5.379	22.778	0.054	-0.747	22.908	0.107	0.081	194.704	7.256	0.081	205.363	6.425	0.08	0.296	0.0	0.08	0.15	0.0
2	304	305	NS	1	-34.643	17.667	0.0	-34.962	17.056	0.0	0.952	22.865	0.003	0.953	22.648	0.009	0.081	194.722	4.741	0.081	209.542	4.582	0.08	0.126	0.0	0.08	0.126	0.0
3	304	305	SN	1	-34.838	19.148	0.0	-34.855	19.451	0.0	-28.143	22.791	0.02	-24.029	23.357	0.09	0.08	203.631	3.257	0.08	204.439	3.164	0.08	43.637	0.042	0.08	16.96	0.049
4	305	306	SN	1	-34.617	18.516	0.0	-34.674	18.286	0.0	0.269	22.324	0.009	-3.45	22.933	0.041	0.081	193.527	3.906	0.081	196.094	3.651	0.08	0.134	0.0	0.08	0.215	0.0
5	306	307	NS	1	-34.386	16.369	0.0	-34.572	14.825	0.0	-20.686	21.609	0.0	-27.812	22.429	0.002	0.081	183.578	5.668	0.081	191.573	5.033	0.08	7.889	0.005	0.08	40.439	0.118
6	306	307	SN	1	-34.922	18.459	0.0	-34.829	18.119	0.0	0.686	22.741	0.01	1.055	20.896	0.0	0.081	207.586	5.155	0.081	203.238	4.705	0.08	0.129	0.0	0.08	0.125	0.0
7	307	308	SN	1	-34.974	16.216	0.0	-34.784	17.613	0.0	0.584	22.421	0.049	1.0	22.486	0.146	0.081	210.126	5.185	0.081	201.112	4.349	0.08	0.13	0.0	0.08	0.125	0.0
8	307	308	NS	1	-34.997	16.819	0.0	-33.03	17.712	0.0	-32.601	19.865	0.0	-33.506	21.64	0.0	0.081	211.307	3.174	0.081	134.327	2.849	0.08	121.705	0.209	0.08	149.897	0.293
9	308	309	NS	1	-33.961	17.149	0.0	-34.823	17.184	0.0	-32.566	22.837	0.008	-26.766	22.826	0.031	0.081	166.429	3.042	0.081	202.924	2.598	0.08	120.712	0.136	0.08	31.793	0.102
10	308	309	SN	2	-34.94	17.041	0.0	-34.544	17.831	0.0	-0.507	21.832	0.0	1.17	22.582	0.077	0.081	208.514	2.699	0.081	190.355	2.32	0.08	0.146	0.0	0.08	0.123	0.0
11	309	310	NS	1	-34.985	17.935	0.0	-34.261	17.857	0.0	-32.81	22.35	0.043	-26.662	24.146	0.067	0.081	210.654	3.541	0.081	178.336	3.874	0.08	127.691	0.387	0.08	31.048	0.154
12	310	311	NS	1	-34.897	19.056	0.0	-34.977	19.158	0.0	1.394	22.992	0.279	1.198	23.321	0.95	0.08	206.43	5.224	0.08	210.291	4.985	0.08	0.121	0.0	0.08	0.123	0.0
13	310	311	SN	2	-34.284	17.0	0.0	-33.799	19.587	0.0	-8.686	23.912	0.272	-6.387	23.651	0.727	0.081	179.295	4.086	0.08	160.329	3.946	0.08	0.557	0.0	0.08	0.356	0.0
14	311	312	NS	1	-34.635	19.027	0.0	-34.888	19.11	0.0	-2.795	23.092	0.39	-0.603	24.011	1.571	0.08	194.407	5.197	0.08	205.973	4.769	0.08	0.195	0.0	0.08	0.147	0.0
15	312	313	NS	1	-34.566	18.717	0.0	-34.781	17.896	0.0	-1.779	23.406	0.509	-1.148	24.234	2.444	0.08	191.26	3.569	0.081	200.995	3.338	0.08	0.17	0.0	0.08	0.157	0.0
16	313	314	NS	1	-34.954	18.34	0.0	-34.991	17.322	0.0	-28.133	22.692	0.11	-18.426	24.274	0.996	0.081	209.157	6.266	0.081	210.978	5.12	0.08	43.55	0.038	0.08	4.712	0.015
17	314	315	NS	1	-34.985	19.602	0.0	-34.42	17.721	0.0	-1.356	22.907	0.175	-1.842	23.897	0.906	0.08	210.69	2.595	0.081	184.974	2.857	0.08	0.161	0.0	0.08	0.171	0.0
18	314	315	SN	1	-34.919	17.916	0.0	-34.648	19.856	0.0	-25.361	23.088	0.063	-23.684	23.965	0.334	0.081	207.487	3.837	0.08	194.954	3.597	0.08	23.031	0.082	0.08	15.67	0.04
19	315	316	NS	1	-34.939	18.431	0.0	-34.779	18.032	0.0	-1.172	22.887	0.241	-2.187	23.884	1.228	0.081	208.465	2.874	0.081	200.941	2.849	0.08	0.157	0.0	0.08	0.179	0.0
20	315	316	SN	1	-34.897	19.417	0.0	-34.801	19.406	0.0	-32.682	23.309	0.201	-29.846	23.84	0.547	0.08	206.469	2.921	0.08	201.932	3.206	0.08	123.975	0.078	0.08	66.072	0.118
21	316	317	NS	1	-34.277	17.882	0.0	-34.905	16.224	0.0	0.321	22.76	0.348	-0.086	23.779	1.663	0.081	178.948	2.695	0.081	206.81	2.484	0.08	0.134	0.0	0.08	0.139	0.0
22	316	317	SN	1	-34.803	19.171	0.0	-34.696	19.132	0.0	-18.465	23.461	0.529	-24.212	24.127	1.597	0.08	201.999	4.683	0.08	197.105	4.126	0.08	4.755	0.017	0.08	17.687	0.058
23	317	318	NS	1	-34.974	18.235	0.0	-34.082	17.373	0.0	0.877	21.754	0.0	1.492	21.746	0.0	0.081	210.173	4.96	0.081	171.132	3.827	0.08	0.127	0.0	0.08	0.12	0.0
24	317	318	SN	1	-34.758	17.955	0.0	-34.914	18.433	0.0	0.02	23.02	0.198	1.601	23.764	1.029	0.081	199.916	5.951	0.081	207.278	5.012	0.08	0.138	0.0	0.08	0.119	0.0
25	318	319	SN	1	-34.659	17.593	0.0	-34.895	18.419	0.0	-16.925	22.955	0.096	-16.333	23.14	0.152	0.081	195.427	5.96	0.081	206.363	4.864	0.08	3.354	0.004	0.08	2.935	0.002
26	318	319	NS	1	-34.761	17.549	0.0	-34.812	17.814	0.0	-15.49	23.112	0.007	-3.199	24.308	0.018	0.081	200.067	4.555	0.081	202.437	4.168	0.08	2.427	0.004	0.08	0.207	0.0
27	319	320	SN	1	-34.945	18.294	0.0	-34.801	19.438	0.0	-30.845	22.487	0.011	-34.402	23.668	0.088	0.081	208.7	5.352	0.08	201.954	3.852	0.08	81.26	0.007	0.08	188.512	0.015
28	319	320	NS	1	-34.648	16.821	0.0	-34.388	16.768	0.0	-15.68	23.858	0.026	-9.305	24.689	0.041	0.081	194.929	4.995	0.081	183.633	4.701	0.08	2.533	0.002	0.08	0.633	0.0
29	320	321	SN	1	-34.849	18.065	0.0	-34.934	19.308	0.0	-0.601	22.447	0.013	-4.599	22.025	0.004	0.081	204.165	3.162	0.08	208.209	2.911	0.08	0.147	0.0	0.08	0.259	0.0
30	320	321	NS	1	-34.73	16.66	0.0	-34.403	14.988	0.0	-15.214	20.466	0.0	-29.687	21.683	0.0	0.081	198.679	3.036	0.081	184.299	4.288	0.08	2.282	0.002	0.08	62.231	0.146
31	321	322	SN	1	-34.963	17.765	0.0	-34.934	17.907	0.0	0.505	21.767	0.0	1.02	21.77	0.0	0.081	209.616	3.757	0.081	208.202	3.265	0.08	0.131	0.0	0.08	0.125	0.0
32	321	322	NS	1	-34.991	17.122	0.0	-34.963	15.62	0.0	-27.604	20.674	0.0	-31.73	20.563	0.0	0.081	210.969	6.56	0.081	209.623	6.54	0.08	38.55	0.273	0.08	99.589	0.383

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

🟩 Normal   🟨 Deviations
🟧 Alarming   🟥 High Errors

33	322	323	SN	1	-34.939	14.971	0.0	-34.385	17.481	0.0	5.986	17.098	0.0	2.062	20.551	0.0	0.081	208.412	2.701	0.081	183.456	2.901	0.081	0.093	0.0	0.08	0.115	0.0
34	322	323	NS	1	-34.359	16.807	0.0	-34.979	16.918	0.0	-33.153	23.061	0.038	-32.968	23.174	0.056	0.081	182.352	3.068	0.081	210.361	2.931	0.08	138.201	0.03	0.08	132.435	0.023
35	323	324	SN	1	-34.526	16.801	0.0	-34.931	17.808	0.0	-0.41	21.915	0.0	0.973	21.932	0.0	0.081	189.5	4.412	0.081	208.048	4.117	0.08	0.144	0.0	0.08	0.126	0.0
36	323	324	NS	2	-34.77	17.129	0.0	-34.487	17.737	0.0	-30.449	22.096	0.002	-27.785	22.87	0.025	0.081	200.505	3.187	0.081	187.832	3.15	0.08	74.169	0.054	0.08	40.198	0.052
37	324	325	NS	2	-34.769	18.929	0.0	-34.912	18.779	0.0	-33.05	22.556	0.032	-26.311	22.952	0.186	0.08	205.152	4.009	0.08	207.196	3.802	0.08	134.947	0.422	0.08	28.642	0.411
38	324	325	SN	1	-34.657	20.017	0.0	-34.98	18.229	0.0	-2.258	23.253	0.258	-3.678	23.522	0.467	0.08	195.376	8.351	0.081	210.457	8.108	0.08	0.181	0.0	0.08	0.223	0.0
39	325	326	NS	1	-34.527	19.189	0.0	-34.28	19.143	0.0	-0.06	23.202	0.155	-1.967	23.756	0.622	0.08	189.619	5.408	0.08	179.115	4.583	0.08	0.139	0.0	0.08	0.174	0.0
40	325	326	SN	2	-34.649	16.089	0.0	-34.965	19.735	0.0	-12.939	26.228	0.248	-11.195	24.588	0.828	0.081	195.032	5.089	0.08	209.674	4.956	0.08	1.377	0.001	0.08	0.943	0.0
41	326	327	NS	1	-34.75	19.319	0.0	-34.683	19.158	0.0	-0.883	23.289	0.274	-7.643	24.949	1.89	0.08	199.567	5.761	0.08	196.536	4.885	0.08	0.152	0.0	0.08	0.453	0.0
42	327	328	NS	1	-34.979	18.617	0.0	-34.69	17.113	0.0	-21.01	23.16	0.331	-8.199	24.35	1.533	0.081	210.402	3.648	0.081	196.791	2.868	0.08	8.494	0.01	0.08	0.505	0.0
43	328	329	NS	1	-34.886	19.387	0.0	-34.878	17.684	0.0	-16.768	22.987	0.151	-20.114	23.867	0.814	0.08	205.91	3.005	0.081	205.581	3.125	0.08	3.237	0.003	0.08	6.922	0.007
44	329	330	NS	1	-34.95	19.062	0.0	-34.523	17.857	0.0	-15.955	22.857	0.393	-14.036	24.087	0.937	0.08	208.937	2.719	0.081	189.409	2.684	0.08	2.695	0.017	0.08	1.755	0.012
45	329	330	SN	1	-34.476	17.579	0.0	-34.934	19.882	0.0	-29.835	23.852	0.085	-30.59	24.349	0.32	0.081	187.369	5.231	0.08	208.176	5.078	0.08	64.403	0.153	0.08	76.627	0.121
46	330	331	NS	1	-34.861	18.866	0.0	-34.999	17.785	0.0	1.393	22.738	0.297	1.125	23.569	1.506	0.08	204.805	3.709	0.081	211.369	3.562	0.08	0.121	0.0	0.08	0.124	0.0
47	330	331	SN	1	-34.931	18.786	0.0	-34.448	19.041	0.0	-28.687	23.509	0.561	-30.7	24.107	1.457	0.08	208.041	3.293	0.08	186.187	3.307	0.08	49.451	0.248	0.08	78.578	0.348
48	331	332	SN	1	-34.784	18.631	0.0	-34.841	18.614	0.0	0.808	23.038	0.403	3.173	23.741	1.868	0.08	201.14	3.641	0.081	203.792	3.309	0.08	0.127	0.0	0.08	0.107	0.0
49	331	332	NS	1	-34.852	18.328	0.0	-34.863	16.25	0.0	3.927	23.117	0.171	1.946	23.286	0.324	0.081	204.308	4.31	0.081	204.855	3.792	0.08	0.102	0.0	0.08	0.116	0.0
50	332	333	NS	1	-34.606	17.351	0.0	-34.637	17.423	0.0	2.084	22.978	0.011	0.344	24.135	0.038	0.081	193.056	3.998	0.081	194.435	3.528	0.08	0.115	0.0	0.08	0.133	0.0

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

Normal   Deviations   Alarming   High Errors