

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

Report between 19-FEB-2017 To 20-FEB-2017

Inner																
					Incidence Angle			Azimuth Angle			Range			X-Factor		
Sr No	Start Orbit	End Orbit	Dir.	Ver.	Min	Max	BadOcc(%)	Min	Max	BadOcc(%)	Min	Max	BadOcc(%)	Min	Max	BadOcc(%)
1	2115	2116	SN	1	48.78	49.42	0.0	0.003	1.814	0.149	1046.416	1091.256	0.0	-91.324	-90.16	0.0
2	2115	2116	NS	1	48.713	49.364	0.0	0.003	1.809	0.193	1027.4	1089.544	0.0	-91.223	-89.985	0.0
3	2116	2117	NS	1	48.713	49.393	0.0	0.003	1.809	0.183	1027.16	1089.672	0.0	-91.385	-89.955	0.0
4	2116	2117	SN	1	48.814	49.433	0.0	0.003	220.396	0.144	1046.824	1091.32	0.0	-91.377	-90.138	0.0
5	2117	2118	NS	1	48.713	49.354	0.0	0.003	1.809	0.18	1026.992	1089.864	0.0	-91.272	-89.94	0.0
6	2117	2118	SN	1	48.778	49.427	0.0	0.003	1.814	0.14	1046.56	1091.44	0.0	-91.297	-90.143	0.0
7	2118	2119	SN	1	48.786	49.418	0.0	0.003	1.814	0.141	1045.688	1091.36	0.0	-91.386	-90.166	0.0
8	2118	2119	NS	1	48.714	49.348	0.0	0.003	1.809	0.185	1027.848	1089.84	0.0	-91.293	-89.978	0.0
9	2119	2120	NS	1	48.688	49.348	0.0	0.003	1.809	0.188	1027.904	1089.776	0.0	-91.116	-89.982	0.0
10	2119	2120	SN	1	48.797	49.419	0.0	0.003	1.814	0.139	1046.0	1091.304	0.0	-91.724	-90.165	0.0
11	2120	2121	NS	1	48.714	49.389	0.0	0.003	1.809	0.188	1027.88	1089.68	0.0	-91.267	-89.972	0.0
12	2120	2121	SN	1	48.777	49.445	0.0	0.003	1.814	0.144	1046.36	1091.712	0.0	-91.905	-90.178	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




Inner																												
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	2115	2116	SN	1	-34.137	26.66	2.922	-34.902	26.321	3.309	-26.166	28.106	6.984	-24.088	28.241	5.998	0.103	219.049	1.756	0.103	261.173	1.402	0.103	35.005	0.031	0.103	21.724	0.022
2	2115	2116	NS	1	-34.253	28.286	0.313	-34.708	27.956	0.27	6.886	30.402	11.697	6.117	31.873	20.456	0.103	224.928	2.846	0.103	249.732	2.943	0.103	0.116	0.0	0.102	0.119	0.0
3	2116	2117	NS	1	-34.914	25.688	0.086	-34.555	27.41	0.13	-3.231	31.838	6.399	-1.609	29.998	14.003	0.103	261.876	3.794	0.103	241.148	3.345	0.102	0.266	0.0	0.103	0.212	0.0
4	2116	2117	SN	1	-34.868	26.254	2.283	-34.77	26.765	2.729	7.8	30.854	8.235	7.223	29.333	4.851	0.103	259.062	7.067	0.103	253.318	6.614	0.103	0.114	0.0	0.103	0.115	0.0
5	2117	2118	NS	1	-34.937	27.115	0.197	-34.558	27.282	0.258	-1.361	28.68	6.719	-17.563	29.099	12.573	0.103	263.278	4.218	0.103	241.295	4.263	0.103	0.206	0.0	0.103	4.898	0.002
6	2117	2118	SN	1	-34.772	25.038	0.124	-34.855	26.196	0.175	7.301	28.085	10.34	7.335	28.717	5.919	0.103	253.464	3.642	0.103	258.391	3.513	0.103	0.115	0.0	0.103	0.115	0.0
7	2118	2119	SN	1	-34.886	25.329	0.22	-34.762	26.327	0.22	4.725	27.192	10.343	7.265	27.842	7.437	0.103	260.166	4.211	0.103	252.865	3.429	0.103	0.126	0.0	0.103	0.115	0.0
8	2118	2119	NS	1	-31.495	26.906	0.185	-30.547	27.828	0.204	-9.197	29.466	7.118	-9.653	29.54	12.118	0.103	119.233	1.076	0.103	95.863	1.431	0.103	0.784	0.0	0.103	0.862	0.0
9	2119	2120	NS	1	-32.072	23.457	0.028	-32.282	24.202	0.037	-8.866	27.89	4.143	-4.187	28.911	8.763	0.103	136.152	1.294	0.103	142.923	1.072	0.103	0.733	0.0	0.103	0.308	0.0
10	2119	2120	SN	1	-34.578	25.088	0.011	-34.798	27.026	0.021	6.79	28.498	18.027	8.068	28.309	26.596	0.103	242.366	1.449	0.103	254.989	1.482	0.103	0.117	0.0	0.103	0.113	0.0
11	2120	2121	NS	1	-34.728	25.014	1.048	-34.219	25.719	1.281	-14.904	28.447	6.954	-8.091	28.552	11.115	0.103	250.95	2.585	0.103	223.21	2.359	0.103	2.692	0.002	0.103	0.627	0.0
12	2120	2121	SN	1	-34.963	24.143	0.01	-34.923	25.783	0.011	4.915	27.868	17.889	7.565	28.581	22.559	0.103	264.886	1.655	0.103	262.475	1.293	0.103	0.125	0.0	0.103	0.114	0.0

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

■ Normal ■ Deviations
■ Alarming ■ High Errors

Outer																
					Incidence Angle			Azimuth Angle			Range			X-Factor		
Sr No	Start Orbit	End Orbit	Dir.	Ver.	Min	Max	BadOcc(%)	Min	Max	BadOcc(%)	Min	Max	BadOcc(%)	Min	Max	BadOcc(%)
1	2115	2116	SN	1	57.679	58.396	0.0	0.003	1.98	0.21	1228.84	1285.328	11.446	-93.141	-92.173	0.0
2	2115	2116	NS	1	57.564	58.315	0.0	0.003	1.974	0.163	1205.856	1282.744	12.451	-93.068	-92.002	0.0
3	2116	2117	NS	1	57.561	58.318	0.0	0.003	1.98	0.153	1205.296	1282.928	11.458	-93.275	-91.982	0.0
4	2116	2117	SN	1	57.698	58.413	0.0	0.003	1.985	0.201	1229.192	1285.4	11.255	-93.144	-92.161	0.0
5	2117	2118	NS	1	57.564	58.318	0.0	0.003	1.974	0.151	1205.416	1283.176	11.787	-93.087	-91.963	0.0
6	2117	2118	SN	1	57.67	58.422	0.0	0.003	1.985	0.193	1228.888	1285.544	10.933	-93.149	-92.162	0.0
7	2118	2119	SN	1	57.688	58.417	0.0	0.003	1.985	0.195	1227.912	1285.44	10.86	-93.398	-92.188	0.0
8	2118	2119	NS	1	57.566	58.306	0.0	0.003	1.974	0.156	1205.984	1283.144	11.655	-93.106	-92.002	0.0
9	2119	2120	NS	1	57.544	58.311	0.0	0.003	1.98	0.156	1206.44	1283.056	11.607	-93.094	-91.991	0.0
10	2119	2120	SN	1	57.685	58.401	0.0	0.003	1.985	0.195	1228.576	1285.384	10.585	-93.152	-92.188	0.0
11	2120	2121	NS	1	57.549	58.312	0.0	0.003	1.98	0.158	1205.84	1282.944	11.654	-93.074	-91.996	0.0
12	2120	2121	SN	1	57.664	58.397	0.0	0.003	1.985	0.21	1228.64	1285.328	12.343	-93.153	-92.199	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

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	2115	2116	SN	1	-34.959	20.268	0.0	-33.226	20.688	0.0	-29.973	22.26	0.01	-21.638	22.842	0.044	0.08	209.428	2.167	0.08	140.553	1.737	0.08	66.466	0.027	0.08	9.806	0.022
2	2115	2116	NS	1	-34.801	19.674	0.0	-34.727	18.88	0.0	2.489	22.907	0.081	1.928	24.676	0.174	0.08	201.958	2.826	0.08	198.48	3.089	0.08	0.111	0.0	0.08	0.116	0.0
3	2116	2117	NS	1	-34.174	19.981	0.0	-34.974	19.909	0.0	-8.932	22.554	0.009	-9.427	22.811	0.03	0.08	174.784	2.774	0.08	210.124	2.69	0.08	0.586	0.0	0.08	0.649	0.0
4	2116	2117	SN	1	-34.799	19.76	0.0	-34.967	20.653	0.0	2.09	22.138	0.002	2.429	23.02	0.037	0.08	201.847	7.148	0.08	209.752	6.71	0.08	0.115	0.0	0.08	0.112	0.0
5	2117	2118	NS	1	-34.719	20.777	0.0	-34.772	20.634	0.0	-8.966	22.35	0.009	-27.7	22.71	0.06	0.08	202.828	4.089	0.08	200.539	4.509	0.08	0.59	0.0	0.08	39.412	0.076
6	2117	2118	SN	1	-34.962	19.349	0.0	-34.948	19.629	0.0	1.504	22.322	0.007	1.54	22.514	0.033	0.08	209.514	3.372	0.08	213.792	3.542	0.08	0.12	0.0	0.08	0.12	0.0
7	2118	2119	SN	1	-34.567	18.594	0.0	-34.577	19.615	0.0	1.21	21.657	0.0	2.092	21.753	0.0	0.081	191.343	3.612	0.08	191.796	3.261	0.08	0.123	0.0	0.08	0.115	0.0
8	2118	2119	NS	1	-34.635	21.227	0.0	-34.807	21.23	0.0	-22.372	22.144	0.002	-34.201	22.269	0.01	0.08	194.402	1.418	0.08	202.234	1.682	0.08	11.6	0.047	0.08	175.864	0.043
9	2119	2120	NS	1	-33.675	18.354	0.0	-31.288	18.352	0.0	-10.235	22.72	0.005	-13.381	22.531	0.008	0.081	155.835	1.391	0.081	89.955	1.361	0.08	0.769	0.0	0.08	1.518	0.001
10	2119	2120	SN	1	-34.595	18.914	0.0	-34.321	19.403	0.0	1.195	22.385	0.006	2.251	22.158	0.022	0.08	192.589	1.169	0.08	180.805	1.254	0.08	0.123	0.0	0.08	0.113	0.0
11	2120	2121	NS	1	-34.625	18.765	0.0	-33.198	18.833	0.0	-30.765	21.412	0.0	-22.671	22.306	0.006	0.08	193.872	1.605	0.08	139.612	1.612	0.08	79.76	0.031	0.08	12.423	0.017
12	2120	2121	SN	1	-32.717	17.28	0.0	-34.58	16.892	0.0	0.938	21.895	0.0	3.065	21.607	0.0	0.081	125.0	1.565	0.081	191.89	1.436	0.08	0.126	0.0	0.08	0.107	0.0

Parameter Specifications	Parameters	SNR	Kp	Normal	Deviations
	Min	-65.0	0.0	Alarming	High Errors
	Max	22.0	1.0		