

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

Report between 20-FEB-2017 To 21-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	2144	2145	NS	1	48.706	49.353	0.0	0.003	1.809	0.194	1027.344	1090.736	0.0	-91.134	-89.988	0.0
2	2144	2145	SN	1	48.784	49.471	0.0	0.003	1.814	0.151	1045.456	1092.176	0.0	-91.383	-90.146	0.0
3	2145	2146	NS	1	48.9	49.082	0.0	100000.0	-100000.0	0.0	1048.688	1051.8	0.0	-90.493	-90.47	0.0
4	2145	2146	SN	1	48.854	49.157	0.0	0.733	1.506	0.0	1048.696	1054.288	0.0	-90.51	-90.183	0.0
5	2146	2147	SN	1	48.778	49.48	0.0	0.003	1.814	0.136	1044.608	1092.36	0.0	-91.713	-90.149	0.0
6	2146	2147	NS	1	48.712	49.412	0.0	0.003	1.809	0.181	1027.968	1091.096	0.0	-91.314	-89.948	0.0
7	2147	2148	SN	1	48.764	49.423	0.0	0.003	1.814	0.139	1044.84	1092.28	0.0	-91.297	-90.155	0.0
8	2147	2148	NS	1	48.71	49.383	0.0	0.003	1.809	0.184	1027.576	1091.032	0.0	-91.429	-89.969	0.0
9	2148	2149	NS	1	48.896	49.083	0.0	100000.0	-100000.0	0.0	1048.4	1051.592	0.0	-90.491	-90.464	0.0
10	2154	2155	SN	1	48.784	49.472	0.0	0.003	1.814	0.14	1044.904	1092.384	0.0	-91.342	-90.127	0.0
11	2155	2156	SN	1	48.759	49.47	0.0	0.003	1.814	0.138	1044.608	1092.456	0.0	-91.901	-90.133	0.0
12	2155	2156	NS	1	48.674	49.395	0.0	0.003	1.814	0.189	1027.904	1090.784	0.0	-91.374	-89.991	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	2144	2145	NS	1	-34.956	27.125	0.361	-34.566	27.164	0.343	7.228	31.612	11.831	7.69	31.55	20.349	0.103	264.413	4.831	0.103	241.68	4.851	0.102	0.115	0.0	0.103	0.114	0.0
2	2144	2145	SN	1	-34.569	26.214	2.952	-34.784	26.889	3.7	-15.932	28.894	7.089	-12.869	28.606	6.888	0.103	241.854	4.87	0.103	254.19	3.207	0.103	3.39	0.004	0.103	1.716	0.001
3	2145	2146	NS	1	8.617	21.841	0.0	9.146	20.343	0.0	1000000	-100000	0.0	1000000	-100000	0.0	0.103	0.112	0.0	0.103	0.111	0.0	1000000	-100000	0.0	1000000	-100000	0.0
4	2145	2146	SN	1	6.753	23.275	2.011	7.492	23.758	2.464	12.013	22.093	0.04	17.053	20.893	0.0	0.103	0.117	0.0	0.103	0.115	0.0	0.103	0.107	0.0	0.103	0.104	0.0
5	2146	2147	SN	1	-34.942	26.114	0.272	-34.863	26.678	0.337	6.898	33.168	11.147	7.496	27.998	7.321	0.103	263.603	2.857	0.103	258.787	2.442	0.102	0.116	0.0	0.103	0.115	0.0
6	2146	2147	NS	1	-34.294	27.159	0.183	-34.127	27.732	0.232	-5.513	28.606	6.823	-8.62	28.934	12.686	0.103	227.059	5.294	0.103	218.453	5.96	0.103	0.386	0.0	0.103	0.697	0.0
7	2147	2148	SN	1	-34.844	25.642	0.354	-34.739	26.572	0.37	5.641	27.569	12.054	7.262	27.924	8.59	0.103	257.708	2.955	0.103	251.543	2.122	0.103	0.121	0.0	0.103	0.115	0.0
8	2147	2148	NS	1	-34.915	27.628	0.191	-34.519	27.902	0.207	-8.805	29.03	6.933	-11.728	29.495	11.745	0.103	261.953	4.821	0.103	239.14	4.584	0.103	0.724	0.0	0.103	1.338	0.005
9	2148	2149	NS	1	9.443	19.367	0.0	8.996	18.95	0.0	1000000	-100000	0.0	16.021	21.553	0.0	0.103	0.11	0.0	0.103	0.111	0.0	1000000	-100000	0.0	0.103	0.104	0.0
10	2154	2155	SN	1	-34.744	25.993	0.217	-34.937	27.579	0.546	-6.505	28.618	14.846	-4.687	29.936	14.565	0.103	251.824	6.922	0.103	263.287	5.653	0.103	0.462	0.0	0.103	0.335	0.0
11	2155	2156	SN	1	-34.799	27.514	0.249	-34.928	28.179	1.128	-10.903	33.528	12.379	-6.519	29.302	11.965	0.103	255.078	5.527	0.103	262.728	4.391	0.102	1.122	0.001	0.103	0.463	0.0
12	2155	2156	NS	1	-34.991	24.022	0.164	-34.151	23.951	0.286	10.786	28.569	26.007	10.907	28.954	38.624	0.103	266.57	3.074	0.103	219.717	2.951	0.103	0.108	0.0	0.103	0.108	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	2144	2145	NS	1	57.554	58.312	0.0	0.003	1.98	0.163	1205.312	1284.256	13.922	-93.11	-92.009	0.0
2	2144	2145	SN	1	57.689	58.425	0.0	0.003	1.985	0.22	1227.48	1286.456	14.523	-93.162	-92.156	0.0
3	2145	2146	NS	1	57.778	57.974	0.0	0.618	0.634	0.0	1231.792	1236.784	0.0	-92.483	-92.455	0.0
4	2145	2146	SN	1	57.734	58.057	0.0	0.618	1.417	0.0	1231.816	1240.264	0.0	-92.503	-92.203	0.0
5	2146	2147	SN	1	57.656	58.421	0.0	0.003	1.98	0.195	1226.608	1286.672	12.37	-93.303	-92.183	0.0
6	2146	2147	NS	1	57.549	58.336	0.0	0.003	1.974	0.15	1206.16	1284.728	12.798	-93.104	-91.962	0.0
7	2147	2148	SN	1	57.651	58.42	0.0	0.003	1.98	0.201	1226.68	1286.568	13.582	-93.175	-92.177	0.0
8	2147	2148	NS	1	57.556	58.33	0.0	0.003	1.974	0.154	1206.128	1284.648	12.692	-93.422	-92.001	0.0
9	2148	2149	NS	1	57.774	57.974	0.0	0.618	0.629	0.0	1231.432	1236.536	0.0	-92.481	-92.452	0.0
10	2154	2155	SN	1	57.667	58.431	0.0	0.003	1.991	0.205	1226.568	1286.656	14.32	-93.157	-92.148	0.0
11	2155	2156	SN	1	57.655	58.423	0.0	0.003	1.985	0.205	1226.648	1286.8	14.559	-93.599	-92.161	0.0
12	2155	2156	NS	1	57.543	58.339	0.0	0.003	1.98	0.15	1205.8	1284.328	12.969	-93.34	-92.012	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	2144	2145	NS	1	-33.922	19.966	0.0	-34.425	19.703	0.0	2.703	23.425	0.072	2.5	23.072	0.142	0.08	164.952	4.036	0.08	185.212	4.431	0.08	0.11	0.0	0.08	0.111	0.0
2	2144	2145	SN	1	-33.915	19.947	0.0	-34.303	20.574	0.0	-8.779	22.385	0.009	-6.55	22.721	0.064	0.08	164.676	4.667	0.08	180.033	3.663	0.08	0.568	0.0	0.08	0.367	0.0
3	2145	2146	NS	1	2.817	16.86	0.0	2.31	13.959	0.0	100000.0	-10000.0	0.0	100000.0	-10000.0	0.0	0.081	0.109	0.0	0.082	0.113	0.0	100000.0	-10000.0	0.0	100000.0	-10000.0	0.0
4	2145	2146	SN	1	1.188	17.104	0.0	1.113	17.884	0.0	5.054	17.848	0.0	10.934	18.488	0.0	0.081	0.123	0.0	0.081	0.124	0.0	0.081	0.097	0.0	0.081	0.084	0.0
5	2146	2147	SN	1	-34.903	19.523	0.0	-34.218	19.988	0.0	1.659	22.132	0.004	1.618	22.195	0.01	0.08	206.751	2.301	0.08	176.589	2.241	0.08	0.119	0.0	0.08	0.119	0.0
6	2146	2147	NS	1	-34.756	20.958	0.0	-34.898	21.211	0.0	-10.148	22.367	0.007	-28.065	22.668	0.041	0.08	199.838	5.446	0.08	206.518	6.421	0.08	0.755	0.0	0.08	42.871	0.011
7	2147	2148	SN	1	-34.826	19.287	0.0	-34.541	20.261	0.0	0.559	21.688	0.0	1.775	21.654	0.0	0.08	203.075	2.862	0.08	190.188	2.612	0.08	0.13	0.0	0.08	0.117	0.0
8	2147	2148	NS	1	-34.905	20.893	0.0	-34.875	21.712	0.0	-22.649	21.811	0.0	-28.96	22.453	0.007	0.08	206.836	4.353	0.08	205.424	4.449	0.08	12.362	0.044	0.08	52.658	0.063
9	2148	2149	NS	1	1.915	12.621	0.0	4.59	13.379	0.0	100000.0	-10000.0	0.0	11.324	15.314	0.0	0.083	0.116	0.0	0.082	0.099	0.0	100000.0	-10000.0	0.0	0.081	0.084	0.0
10	2154	2155	SN	1	-34.397	18.645	0.0	-34.971	20.275	0.0	-22.682	22.497	0.015	-18.299	23.79	0.306	0.08	184.04	6.217	0.08	210.006	5.488	0.08	12.452	0.019	0.08	4.578	0.023
11	2155	2156	SN	1	-34.894	20.447	0.0	-34.727	21.316	0.0	-29.854	22.713	0.039	-28.783	23.676	0.254	0.08	206.267	4.827	0.08	198.539	4.141	0.08	64.679	0.029	0.08	50.559	0.015
12	2155	2156	NS	1	-34.798	18.326	0.0	-34.326	18.484	0.0	5.757	23.133	0.377	5.266	23.303	0.404	0.081	201.786	2.47	0.081	181.026	2.628	0.08	0.094	0.0	0.08	0.096	0.0

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