

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

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

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	2115	2116	SN	1	0.0	42.915	1.128	0.0	42.281	1.217	0.0	44.659	1.122	0.0	39.39	1.278	0.0	43.607	1.057	0.0	40.581	1.007	0.0	43.422	1.098	0.0	41.536	0.771
2	2115	2116	NS	1	0.0	52.191	2.983	0.0	47.977	3.113	0.0	48.345	2.325	0.0	46.774	3.189	0.0	49.105	2.96	0.0	47.78	2.663	0.0	45.746	2.252	0.0	40.3	2.084
3	2115	2116	NS	1	0.0	52.866	9.452	0.0	55.858	10.447	0.0	47.788	7.643	0.0	47.671	9.892	0.0	55.221	9.077	0.0	54.18	9.439	0.0	47.7	7.544	0.0	45.365	7.208
4	2115	2116	SN	1	0.0	53.217	4.292	0.0	55.861	4.523	0.0	48.828	3.749	0.0	47.581	4.189	0.0	48.097	4.052	0.0	52.059	3.859	0.0	47.718	3.522	0.0	46.076	3.026
5	2116	2117	SN	1	0.0	43.146	2.146	0.0	41.067	2.565	0.0	44.858	2.042	0.0	38.469	2.662	0.0	39.858	2.342	0.0	43.188	2.436	0.0	40.149	2.348	0.0	38.39	2.362
6	2116	2117	SN	1	0.0	47.536	6.696	0.0	51.667	8.075	0.0	45.666	6.367	0.0	46.767	7.759	0.0	47.254	7.267	0.0	48.525	8.024	0.0	46.861	7.403	0.0	47.249	7.535
7	2116	2117	NS	1	0.0	49.015	1.978	0.0	45.64	2.058	0.0	42.332	1.511	0.0	45.895	2.219	0.0	48.724	2.039	0.0	44.048	1.787	0.0	40.879	1.606	0.0	46.781	1.507
8	2116	2117	NS	1	0.0	50.944	6.328	0.0	53.257	6.751	0.0	48.608	4.933	0.0	49.32	6.706	0.0	51.509	6.37	0.0	50.08	6.276	0.0	51.156	5.246	0.0	50.36	5.165
9	2117	2118	NS	1	0.0	46.955	5.301	0.0	57.313	6.224	0.0	41.924	4.72	0.0	44.863	7.091	0.0	48.265	5.326	0.0	61.586	5.65	0.0	43.581	5.118	0.0	43.314	5.776
10	2117	2118	NS	1	0.0	45.457	1.637	0.0	47.578	1.984	0.0	38.345	1.633	0.0	43.398	2.348	0.0	49.742	1.734	0.0	49.119	1.838	0.0	37.316	1.768	0.0	36.363	1.849
11	2117	2118	SN	1	0.0	47.657	5.706	0.0	45.734	6.88	0.0	43.358	4.699	0.0	45.329	7.542	0.0	47.136	5.97	0.0	46.437	6.376	0.0	41.532	5.309	0.0	40.474	5.83
12	2117	2118	SN	1	0.0	43.611	1.873	0.0	40.097	2.334	0.0	41.11	1.717	0.0	39.382	2.832	0.0	44.296	1.863	0.0	41.026	2.063	0.0	38.382	1.912	0.0	36.861	2.072
13	2118	2119	SN	1	0.0	46.676	6.88	0.0	48.064	7.612	0.0	41.034	6.295	0.0	41.016	7.951	0.0	43.717	7.099	0.0	44.003	6.809	0.0	41.511	7.049	0.0	37.873	6.634
14	2118	2119	NS	1	0.0	47.898	3.742	0.0	47.949	6.032	0.0	44.399	3.745	0.0	44.204	6.401	0.0	44.895	3.417	0.0	50.404	5.015	0.0	48.118	3.319	0.0	46.88	3.943
15	2118	2119	SN	1	0.0	42.473	2.177	0.0	41.902	2.317	0.0	38.208	2.148	0.0	40.301	2.74	0.0	39.777	2.279	0.0	42.149	2.087	0.0	37.937	2.339	0.0	38.123	2.1
16	2118	2119	NS	1	0.0	40.389	1.147	0.0	38.672	1.753	0.0	39.865	1.158	0.0	45.166	2.18	0.0	39.253	1.08	0.0	39.105	1.398	0.0	38.403	1.092	0.0	40.986	1.286
17	2119	2120	NS	1	0.0	50.836	3.109	0.0	49.679	3.333	0.0	39.725	2.843	0.0	46.908	4.141	0.0	54.119	2.934	0.0	47.161	2.983	0.0	38.648	2.509	0.0	43.152	2.557
18	2119	2120	NS	1	0.0	50.418	0.83	0.0	48.013	0.852	0.0	43.055	0.869	0.0	43.059	1.257	0.0	53.248	0.796	0.0	45.563	0.723	0.0	40.264	0.716	0.0	39.466	0.691
19	2119	2120	SN	1	0.0	40.414	3.195	0.0	41.576	4.517	0.0	38.509	3.145	0.0	38.591	5.475	0.0	41.592	3.203	0.0	45.752	3.735	0.0	38.942	3.046	0.0	36.505	3.785
20	2119	2120	SN	1	0.0	42.993	1.069	0.0	42.982	1.556	0.0	36.987	1.151	0.0	39.096	2.181	0.0	45.888	0.971	0.0	41.989	1.23	0.0	37.324	1.046	0.0	33.549	1.272
21	2120	2121	NS	1	0.0	50.477	1.878	0.0	43.112	2.188	0.0	42.145	1.596	0.0	46.998	2.613	0.0	49.477	1.779	0.0	41.526	1.767	0.0	43.958	1.564	0.0	40.986	1.501
22	2120	2121	NS	1	0.0	52.924	6.234	0.0	54.872	7.069	0.0	45.541	5.061	0.0	48.427	7.248	0.0	53.46	5.867	0.0	52.68	5.827	0.0	46.297	4.969	0.0	45.631	4.768
23	2120	2121	SN	1	0.0	46.885	1.243	0.0	38.174	1.313	0.0	36.435	1.299	0.0	40.835	2.086	0.0	42.65	1.167	0.0	38.133	0.993	0.0	39.013	1.167	0.0	36.259	1.201

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

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	2115	2116	SN	1	0.0	25.733	12.748	0.0	27.44	13.329	0.0	159.692	2.91	0.0	74.386	3.365	0.0	1.858	0.0	1.927	0.0	0.0	2.18	0.0	0.0	2.218	0.0	
2	2115	2116	NS	1	0.0	26.844	12.783	0.0	25.965	13.253	0.0	356.261	5.419	0.0	139.166	5.196	0.0	1.925	0.0	1.892	0.0	0.0	2.242	0.0	0.0	2.22	0.0	
3	2115	2116	NS	1	0.0	38.437	24.204	0.0	33.096	24.777	0.0	130.653	14.569	0.0	74.111	14.572	0.0	1.926	0.0	1.907	0.0	0.0	2.251	0.0	0.0	2.22	0.0	
4	2115	2116	SN	1	0.0	29.632	23.594	0.0	38.073	24.296	0.0	164.882	11.631	0.0	55.365	12.393	0.0	1.87	0.0	1.949	0.0	0.0	2.184	0.0	0.0	2.251	0.0	
5	2116	2117	SN	1	0.0	25.727	12.739	0.0	138.074	13.316	0.0	155.176	2.919	0.0	70.388	3.39	0.0	1.87	0.0	1.915	0.0	0.0	2.186	0.0	0.0	2.221	0.0	
6	2116	2117	SN	1	0.0	29.627	23.611	0.0	243.625	24.3	0.0	164.231	11.69	0.0	50.137	12.426	0.0	1.871	0.0	1.952	0.0	0.0	2.188	0.0	0.0	2.21	0.0	
7	2116	2117	NS	1	0.0	26.731	12.8	0.0	25.959	13.23	0.0	351.005	5.367	0.0	139.927	5.163	0.0	1.925	0.0	1.892	0.0	0.0	2.243	0.0	0.0	2.218	0.0	
8	2116	2117	NS	1	0.0	38.398	24.212	0.0	37.651	24.735	0.0	342.749	14.571	0.0	68.8	14.649	0.0	1.936	0.0	1.907	0.0	0.0	2.25	0.0	0.0	2.22	0.0	
9	2117	2118	NS	1	0.0	38.371	24.239	0.0	33.145	24.79	0.0	106.012	14.514	0.0	69.776	14.757	0.0	1.931	0.0	1.907	0.0	0.0	2.249	0.0	0.0	2.219	0.0	
10	2117	2118	NS	1	0.0	26.77	12.803	0.0	25.954	13.164	0.0	356.404	5.342	0.0	153.863	5.163	0.0	1.926	0.0	1.893	0.0	0.0	2.242	0.0	0.0	2.218	0.0	
11	2117	2118	SN	1	0.0	29.638	23.576	0.0	38.335	24.308	0.0	159.83	11.676	0.0	39.107	12.44	0.0	1.872	0.0	1.951	0.0	0.0	2.187	0.0	0.0	2.219	0.0	
12	2117	2118	SN	1	0.0	25.733	12.729	0.0	27.459	13.309	0.0	154.839	2.965	0.0	66.428	3.413	0.0	1.857	0.0	1.929	0.0	0.0	2.187	0.0	0.0	2.215	0.0	
13	2118	2119	SN	1	0.0	32.566	23.649	0.0	34.667	24.055	0.0	182.58	11.881	0.0	17.67	11.974	0.0	1.872	0.0	1.957	0.0	0.0	2.187	0.0	0.0	2.213	0.0	
14	2118	2119	NS	1	0.0	38.338	24.187	0.0	33.151	24.835	0.0	127.978	14.491	0.0	77.679	14.691	0.0	1.932	0.0	1.907	0.0	0.0	2.25	0.0	0.0	2.219	0.0	
15	2118	2119	SN	1	0.0	25.738	12.776	0.0	27.459	13.301	0.0	172.813	2.988	0.0	67.283	3.44	0.0	1.872	0.0	1.917	0.0	0.0	2.185	0.0	0.0	2.231	0.0	
16	2118	2119	NS	1	0.0	26.781	12.787	0.0	25.948	13.154	0.0	316.867	5.341	0.0	154.696	5.115	0.0	1.924	0.0	1.894	0.0	0.0	2.241	0.0	0.0	2.218	0.0	
17	2119	2120	NS	1	0.0	38.376	24.212	0.0	33.156	24.804	0.0	350.354	14.476	0.0	86.552	14.725	0.0	1.936	0.0	1.907	0.0	0.0	2.249	0.0	0.0	2.219	0.0	
18	2119	2120	NS	1	0.0	26.808	12.791	0.0	25.948	13.159	0.0	339.175	5.334	0.0	156.543	5.113	0.0	1.925	0.0	1.893	0.0	0.0	2.241	0.0	0.0	2.218	0.0	
19	2119	2120	SN	1	0.0	29.643	23.637	0.0	38.15	24.335	0.0	164.325	11.801	0.0	59.821	12.554	0.0	1.872	0.0	1.96	0.0	0.0	2.185	0.0	0.0	2.213	0.0	
20	2119	2120	SN	1	0.0	25.739	12.794	0.0	27.476	13.296	0.0	162.45	2.987	0.0	68.954	3.442	0.0	1.859	0.0	1.917	0.0	0.0	2.182	0.0	0.0	2.23	0.0	
21	2120	2121	NS	1	0.0	26.72	12.791	0.0	25.948	13.18	0.0	351.303	5.318	0.0	137.588	5.131	0.0	1.924	0.0	1.893	0.0	0.0	2.241	0.0	0.0	2.218	0.0	
22	2120	2121	NS	1	0.0	38.354	24.244	0.0	33.266	24.808	0.0	118.151	14.538	0.0	80.221	14.631	0.0	1.926	0.0	1.907	0.0	0.0	2.249	0.0	0.0	2.218	0.0	
23	2120	2121	SN	1	0.0	25.821	12.886	0.0	26.979	13.216	0.0	155.953	3.02	0.0	12.039	3.134	0.0	1.858	0.0	1.917	0.0	0.0	2.182	0.0	0.0	2.231	0.0	

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