

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

Report between 05-NOV-2016 To 06-NOV-2016

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	578	579	SN	1	0.0	56.489	5.987	0.0	60.135	5.952	0.0	60.062	5.032	0.0	49.065	5.577	0.0	95.343	6.094	0.0	95.368	6.044	0.0	59.786	5.011	0.0	49.229	5.548
2	579	580	SN	1	0.0	52.999	1.415	0.0	48.188	1.272	0.0	43.649	1.195	0.0	48.608	1.277	0.0	95.913	1.529	0.0	95.612	1.368	0.0	94.193	1.209	0.0	48.754	1.291
3	579	580	NS	1	0.0	59.539	14.09	0.0	58.95	14.187	0.0	52.864	11.237	0.0	59.943	11.189	0.0	95.691	14.362	0.0	95.177	14.313	0.0	94.667	11.264	0.0	92.864	11.286
4	579	580	NS	1	0.0	58.684	4.666	0.0	56.991	4.296	0.0	56.894	3.491	0.0	51.241	3.248	0.0	94.806	4.803	0.0	95.415	4.351	0.0	94.43	3.526	0.0	94.19	3.253
5	579	580	SN	1	0.0	77.864	4.765	0.0	55.143	4.735	0.0	48.981	3.818	0.0	59.349	4.43	0.0	95.493	4.931	0.0	95.501	4.959	0.0	95.285	3.854	0.0	59.561	4.422
6	580	581	SN	1	0.0	55.426	5.451	0.0	53.805	5.549	0.0	48.997	4.747	0.0	49.736	5.515	0.0	94.69	5.484	0.0	94.831	5.591	0.0	49.461	4.754	0.0	49.724	5.508
7	580	581	SN	1	0.0	57.375	1.646	0.0	53.907	1.841	0.0	54.094	1.551	0.0	51.993	1.926	0.0	95.277	1.671	0.0	94.808	1.864	0.0	54.093	1.545	0.0	51.981	1.898
8	580	581	NS	1	0.0	98.812	1.471	0.0	97.311	1.553	0.0	46.772	1.198	0.0	54.473	1.504	0.0	95.599	1.603	0.0	95.91	1.598	0.0	93.242	1.195	0.0	94.064	1.506
9	580	581	NS	1	0.0	95.516	4.719	0.0	93.443	5.134	0.0	43.621	3.99	0.0	42.98	4.636	0.0	95.321	5.003	0.0	93.155	5.197	0.0	43.809	3.981	0.0	42.587	4.636
10	581	582	NS	1	0.0	51.323	3.023	0.0	86.897	3.58	0.0	47.162	2.5	0.0	61.188	4.005	0.0	52.248	3.044	0.0	92.861	3.632	0.0	93.395	2.509	0.0	61.664	3.934
11	581	582	NS	1	0.0	92.439	0.889	0.0	86.897	1.062	0.0	42.397	0.79	0.0	51.613	1.397	0.0	95.055	0.92	0.0	93.733	1.086	0.0	95.828	0.815	0.0	94.919	1.395
12	581	582	SN	1	0.0	47.354	4.244	0.0	48.871	4.594	0.0	47.134	4.626	0.0	51.818	5.537	0.0	95.037	4.302	0.0	48.785	4.561	0.0	46.452	4.583	0.0	51.798	5.479
13	581	582	SN	1	0.0	44.555	1.489	0.0	57.077	1.626	0.0	51.636	1.752	0.0	52.937	1.992	0.0	95.494	1.517	0.0	95.187	1.621	0.0	51.903	1.728	0.0	53.213	1.985
14	582	583	SN	1	0.0	46.046	1.544	0.0	47.06	1.649	0.0	46.356	1.677	0.0	52.474	2.131	0.0	46.121	1.561	0.0	46.674	1.645	0.0	46.456	1.673	0.0	52.408	2.13
15	582	583	NS	1	0.0	50.123	2.648	0.0	98.01	2.698	0.0	46.322	2.21	0.0	55.186	2.329	0.0	95.291	2.698	0.0	94.556	2.696	0.0	46.501	2.208	0.0	55.182	2.335
16	582	583	NS	1	0.0	59.114	8.32	0.0	57.802	8.731	0.0	50.7	6.872	0.0	58.862	7.228	0.0	95.848	8.399	0.0	94.311	8.79	0.0	50.859	6.872	0.0	59.303	7.194
17	582	583	SN	1	0.0	45.166	5.204	0.0	51.141	5.227	0.0	46.118	4.961	0.0	49.807	5.775	0.0	45.414	5.212	0.0	51.138	5.202	0.0	46.064	4.855	0.0	50.053	5.782
18	583	584	SN	1	0.0	46.26	1.131	0.0	56.051	1.304	0.0	45.053	1.327	0.0	46.184	1.667	0.0	47.016	1.131	0.0	56.361	1.296	0.0	44.958	1.314	0.0	46.584	1.651
19	583	584	NS	1	0.0	50.59	4.436	0.0	51.464	4.075	0.0	54.536	3.641	0.0	53.681	3.758	0.0	93.984	4.577	0.0	52.464	4.133	0.0	93.513	3.648	0.0	53.893	3.786
20	583	584	NS	1	0.0	53.548	1.277	0.0	45.35	1.137	0.0	47.563	0.912	0.0	55.967	1.038	0.0	93.166	1.313	0.0	93.198	1.135	0.0	94.061	0.921	0.0	56.189	1.049
21	583	584	SN	1	0.0	50.718	3.66	0.0	47.832	3.866	0.0	49.215	3.629	0.0	42.699	4.23	0.0	50.4	3.607	0.0	47.815	3.834	0.0	49.188	3.638	0.0	42.73	4.221
22	584	585	NS	1	0.0	54.837	5.233	0.0	92.268	4.714	0.0	48.362	4.139	0.0	51.644	4.809	0.0	95.144	5.424	0.0	95.025	4.847	0.0	48.413	4.153	0.0	93.574	4.724
23	584	585	NS	1	0.0	45.55	1.517	0.0	92.563	1.338	0.0	44.957	1.304	0.0	46.698	1.505	0.0	95.21	1.569	0.0	94.947	1.378	0.0	44.54	1.286	0.0	93.574	1.495
24	585	586	NS	1	0.0	52.686	6.441	0.0	64.776	6.388	0.0	46.896	6.025	0.0	49.632	6.555	0.0	94.891	6.507	0.0	95.475	6.454	0.0	46.908	5.99	0.0	49.739	6.541
25	585	586	NS	1	0.0	42.128	1.917	0.0	44.079	1.815	0.0	48.256	1.996	0.0	47.962	2.234	0.0	95.44	1.99	0.0	95.554	1.846	0.0	93.585	2.0	0.0	93.261	2.208
26	585	586	SN	1	0.0	96.363	6.584	0.0	95.413	7.163	0.0	50.927	6.19	0.0	49.928	7.232	0.0	95.209	6.782	0.0	95.091	7.296	0.0	95.278	6.197	0.0	94.345	7.267
27	585	586	SN	1	0.0	93.207	2.239	0.0	99.042	2.217	0.0	48.797	2.111	0.0	57.816	2.437	0.0	95.209	2.294	0.0	95.748	2.271	0.0	94.58	2.111	0.0	94.252	2.419
28	586	587	SN	1	0.0	95.622	8.911	0.0	92.289	9.206	0.0	58.976	7.532	0.0	52.751	7.946	0.0	95.631	9.143	0.0	95.321	9.398	0.0	95.744	7.646	0.0	94.08	7.996
29	586	587	NS	1	0.0	51.159	5.691	0.0	50.539	5.005	0.0	46.082	5.917	0.0	49.198	5.818	0.0	95.196	5.882	0.0	95.77	5.287	0.0	95.328	5.895	0.0	94.806	5.775
30	586	587	NS	1	0.0	49.065	1.694	0.0	43.031	1.608	0.0	61.838	1.903	0.0	45.084	2.017	0.0	95.76	1.791	0.0	95.672	1.74	0.0	93.882	1.912	0.0	94.652	2.014
31	586	587	SN	1	0.0	95.622	2.822	0.0	95.574	2.719	0.0	53.105	2.332	0.0	52.414	2.366	0.0	95.697	2.968	0.0	95.815	2.827	0.0	95.744	2.383	0.0	94.736	2.359

Parameter Specifications	Parameters	SNR	Sigma0	■ Normal	■ Deviations
	Range	20.0	20.0	■ Alarming	■ High Errors

104	605	606	NS	1	0.0	52.179	1.293	0.0	46.933	1.5	0.0	46.503	1.498	0.0	49.079	1.917	0.0	93.748	1.299	0.0	93.89	1.504	0.0	46.383	1.476	0.0	49.108	1.907
105	605	606	SN	1	0.0	50.839	0.882	0.0	47.787	1.019	0.0	43.333	0.844	0.0	52.185	0.969	0.0	95.378	0.969	0.0	95.591	1.061	0.0	95.568	0.865	0.0	51.829	0.971
106	605	606	NS	1	0.0	42.889	4.041	0.0	50.762	4.469	0.0	47.522	4.182	0.0	47.824	5.264	0.0	43.513	3.981	0.0	50.267	4.495	0.0	47.518	4.13	0.0	47.629	5.257
107	605	606	SN	1	0.0	58.576	2.882	0.0	52.493	3.622	0.0	51.43	2.589	0.0	53.559	3.242	0.0	95.471	3.072	0.0	95.628	3.663	0.0	95.234	2.631	0.0	53.339	3.249
108	606	607	SN	1	0.0	50.988	1.417	0.0	52.149	1.599	0.0	56.393	1.581	0.0	53.296	1.832	0.0	95.722	1.531	0.0	95.879	1.649	0.0	94.055	1.573	0.0	93.783	1.809
109	606	607	NS	1	0.0	47.547	2.17	0.0	46.463	2.173	0.0	58.299	2.164	0.0	44.911	2.388	0.0	48.003	2.179	0.0	46.346	2.196	0.0	57.892	2.166	0.0	44.692	2.394
110	606	607	SN	1	0.0	55.095	4.154	0.0	45.853	4.488	0.0	48.296	4.094	0.0	47.163	4.637	0.0	95.629	4.303	0.0	94.905	4.521	0.0	94.618	4.023	0.0	46.969	4.623
111	606	607	NS	1	0.0	51.243	6.651	0.0	57.706	7.225	0.0	47.439	6.133	0.0	64.2	7.041	0.0	51.832	6.651	0.0	57.918	7.343	0.0	47.372	6.102	0.0	64.315	7.072
112	607	608	NS	1	0.0	47.42	2.662	0.0	43.438	2.385	0.0	50.845	2.212	0.0	48.514	2.294	0.0	47.868	2.667	0.0	43.438	2.409	0.0	50.902	2.202	0.0	48.422	2.28
113	607	608	NS	1	0.0	55.625	8.876	0.0	51.056	8.084	0.0	53.721	7.525	0.0	50.742	7.036	0.0	55.606	8.954	0.0	51.134	8.171	0.0	54.043	7.492	0.0	50.402	7.012

Parameter Specifications	Parameters	SNR	Sigma0
	Range	20.0	20.0

■ Normal ■ Deviations
■ Alarming ■ High Errors

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	578	579	SN	1	0.0	43.921	24.418	0.0	44.793	24.465	0.0	27.873	12.74	0.0	26.158	13.231	0.0	1.851	0.0	0.0	1.841	0.0	0.0	2.197	0.0	0.0	2.184	0.0
2	579	580	SN	1	0.0	40.756	12.574	0.0	41.134	13.128	0.0	24.437	4.072	0.0	21.944	4.05	0.0	1.851	0.0	0.0	1.84	0.0	0.0	2.197	0.0	0.0	2.183	0.0
3	579	580	NS	1	0.0	43.69	24.626	0.0	46.574	25.664	0.0	26.544	15.045	0.0	29.643	15.799	0.0	1.859	0.0	0.0	1.868	0.0	0.0	2.203	0.0	0.0	2.218	0.0
4	579	580	NS	1	0.0	35.897	12.395	0.0	38.506	13.428	0.0	22.645	5.453	0.0	24.884	6.172	0.0	1.859	0.0	0.0	1.868	0.0	0.0	2.204	0.0	0.0	2.218	0.0
5	579	580	SN	1	0.0	44.484	24.348	0.0	45.819	24.437	0.0	28.176	12.76	0.0	26.505	13.203	0.0	1.851	0.0	0.0	1.841	0.0	0.0	2.198	0.0	0.0	2.184	0.0
6	580	581	SN	1	0.0	43.96	24.331	0.0	45.846	24.497	0.0	28.171	12.8	0.0	26.522	13.246	0.0	1.851	0.0	0.0	1.84	0.0	0.0	2.198	0.0	0.0	2.184	0.0
7	580	581	SN	1	0.0	40.75	12.576	0.0	41.123	13.112	0.0	23.731	4.071	0.0	21.955	4.082	0.0	1.851	0.0	0.0	1.84	0.0	0.0	2.198	0.0	0.0	2.183	0.0
8	580	581	NS	1	0.0	35.991	12.394	0.0	38.379	13.425	0.0	22.441	5.468	0.0	24.867	6.137	0.0	1.859	0.0	0.0	1.868	0.0	0.0	2.203	0.0	0.0	2.217	0.0
9	580	581	NS	1	0.0	44.23	24.69	0.0	45.482	25.693	0.0	27.625	15.017	0.0	29.638	15.661	0.0	1.86	0.0	0.0	1.868	0.0	0.0	2.203	0.0	0.0	2.218	0.0
10	581	582	NS	1	0.0	44.219	24.732	0.0	45.477	25.719	0.0	27.63	15.0	0.0	30.492	15.628	0.0	1.859	0.0	0.0	1.868	0.0	0.0	2.203	0.0	0.0	2.218	0.0
11	581	582	NS	1	0.0	36.002	12.382	0.0	38.379	13.42	0.0	22.457	5.444	0.0	24.867	6.11	0.0	1.858	0.0	0.0	1.868	0.0	0.0	2.203	0.0	0.0	2.217	0.0
12	581	582	SN	1	0.0	43.337	24.377	0.0	44.627	24.531	0.0	28.176	12.806	0.0	25.523	13.338	0.0	1.852	0.0	0.0	1.84	0.0	0.0	2.198	0.0	0.0	2.184	0.0
13	581	582	SN	1	0.0	41.506	12.602	0.0	41.112	13.081	0.0	23.748	4.083	0.0	21.972	4.084	0.0	1.852	0.0	0.0	1.84	0.0	0.0	2.198	0.0	0.0	2.183	0.0
14	582	583	SN	1	0.0	40.739	12.613	0.0	41.818	13.03	0.0	24.558	4.126	0.0	77.406	4.135	0.0	1.852	0.0	0.0	1.84	0.0	0.0	2.198	0.0	0.0	2.183	0.0
15	582	583	NS	1	0.0	35.974	12.31	0.0	38.368	13.3	0.0	22.396	5.168	0.0	24.862	5.751	0.0	1.858	0.0	0.0	1.867	0.0	0.0	2.203	0.0	0.0	2.217	0.0
16	582	583	NS	1	0.0	44.225	24.564	0.0	45.466	25.282	0.0	27.558	14.451	0.0	30.476	14.918	0.0	1.858	0.0	0.0	1.868	0.0	0.0	2.203	0.0	0.0	2.218	0.0
17	582	583	SN	1	0.0	43.795	24.407	0.0	45.124	24.533	0.0	27.757	12.818	0.0	173.251	13.222	0.0	1.852	0.0	0.0	1.84	0.0	0.0	2.199	0.0	0.0	2.184	0.0
18	583	584	SN	1	0.0	35.958	12.95	0.0	35.71	13.025	0.0	24.658	4.858	0.0	21.817	4.442	0.0	1.852	0.0	0.0	1.84	0.0	0.0	2.198	0.0	0.0	2.183	0.0
19	583	584	NS	1	0.0	44.214	24.389	0.0	46.116	24.328	0.0	27.167	14.373	0.0	29.616	13.83	0.0	1.859	0.0	0.0	1.868	0.0	0.0	2.202	0.0	0.0	2.218	0.0
20	583	584	NS	1	0.0	41.321	12.331	0.0	41.649	12.968	0.0	22.319	5.062	0.0	24.779	5.151	0.0	1.858	0.0	0.0	1.867	0.0	0.0	2.202	0.0	0.0	2.217	0.0
21	583	584	SN	1	0.0	43.375	25.472	0.0	45.146	25.064	0.0	26.963	14.649	0.0	254.895	14.074	0.0	1.852	0.0	0.0	1.841	0.0	0.0	2.198	0.0	0.0	2.184	0.0
22	584	585	NS	1	0.0	44.192	24.448	0.0	46.089	24.326	0.0	27.128	14.409	0.0	29.605	13.817	0.0	1.858	0.0	0.0	1.868	0.0	0.0	2.202	0.0	0.0	2.218	0.0
23	584	585	NS	1	0.0	41.332	12.341	0.0	41.682	12.939	0.0	22.181	5.045	0.0	24.768	5.149	0.0	1.858	0.0	0.0	1.867	0.0	0.0	2.203	0.0	0.0	2.217	0.0
24	585	586	NS	1	0.0	44.142	24.391	0.0	46.475	24.316	0.0	26.461	14.427	0.0	30.415	13.82	0.0	1.857	0.0	0.0	1.868	0.0	0.0	2.203	0.0	0.0	2.218	0.0
25	585	586	NS	1	0.0	41.884	12.336	0.0	41.346	12.963	0.0	23.119	5.08	0.0	24.757	5.161	0.0	1.859	0.0	0.0	1.867	0.0	0.0	2.202	0.0	0.0	2.217	0.0
26	585	586	SN	1	0.0	43.773	24.354	0.0	45.19	24.481	0.0	27.801	12.913	0.0	26.064	13.22	0.0	1.852	0.0	0.0	1.841	0.0	0.0	2.198	0.0	0.0	2.184	0.0
27	585	586	SN	1	0.0	39.096	12.6	0.0	41.779	13.042	0.0	23.946	4.129	0.0	22.225	4.106	0.0	1.852	0.0	0.0	1.841	0.0	0.0	2.198	0.0	0.0	2.183	0.0
28	586	587	SN	1	0.0	43.431	24.331	0.0	45.217	24.495	0.0	27.007	12.828	0.0	25.915	13.227	0.0	1.852	0.0	0.0	1.841	0.0	0.0	2.198	0.0	0.0	2.185	0.0
29	586	587	NS	1	0.0	44.164	24.375	0.0	46.05	24.4	0.0	27.101	14.401	0.0	29.577	13.781	0.0	1.858	0.0	0.0	1.868	0.0	0.0	2.203	0.0	0.0	2.218	0.0
30	586	587	NS	1	0.0	41.382	12.334	0.0	41.727	12.976	0.0	22.137	5.078	0.0	24.746	5.166	0.0	1.858	0.0	0.0	1.868	0.0	0.0	2.203	0.0	0.0	2.218	0.0
31	586	587	SN	1	0.0	40.701	12.576	0.0	41.768	13.049	0.0	23.637	4.106	0.0	22.248	4.095	0.0	1.852	0.0	0.0	1.84	0.0	0.0	2.198	0.0	0.0	2.184	0.0

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

106	605	606	NS	1	0.0	43.673	24.3	0.0	46.558	24.448	0.0	26.538	13.836	0.0	29.632	13.793	0.0	1.858	0.0	0.0	1.867	0.0	0.0	2.202	0.0	0.0	2.217	0.0
107	605	606	SN	1	0.0	44.319	24.511	0.0	44.6	24.564	0.0	27.255	12.922	0.0	25.518	13.361	0.0	1.853	0.0	0.0	1.842	0.0	0.0	2.2	0.0	0.0	2.186	0.0
108	606	607	SN	1	0.0	41.489	12.586	0.0	41.134	12.988	0.0	24.553	4.197	0.0	22.17	4.219	0.0	1.853	0.0	0.0	1.842	0.0	0.0	2.2	0.0	0.0	2.185	0.0
109	606	607	NS	1	0.0	35.87	12.268	0.0	38.368	13.111	0.0	22.016	4.899	0.0	24.492	5.322	0.0	1.858	0.0	0.0	1.867	0.0	0.0	2.201	0.0	0.0	2.217	0.0
110	606	607	SN	1	0.0	43.784	24.389	0.0	45.107	24.593	0.0	27.768	12.914	0.0	25.981	13.34	0.0	1.853	0.0	0.0	1.842	0.0	0.0	2.2	0.0	0.0	2.186	0.0
111	606	607	NS	1	0.0	43.662	24.305	0.0	46.536	24.639	0.0	26.533	13.918	0.0	29.627	14.097	0.0	1.858	0.0	0.0	1.867	0.0	0.0	2.202	0.0	0.0	2.218	0.0
112	607	608	NS	1	0.0	35.969	12.263	0.0	38.357	13.251	0.0	22.975	5.039	0.0	24.354	5.609	0.0	1.858	0.0	0.0	1.867	0.0	0.0	2.202	0.0	0.0	2.217	0.0
113	607	608	NS	1	0.0	44.208	24.422	0.0	45.455	25.143	0.0	27.586	14.243	0.0	29.616	14.6	0.0	1.859	0.0	0.0	1.867	0.0	0.0	2.202	0.0	0.0	2.218	0.0

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