

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

Report between 24-DEC-2017 To 25-DEC-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	6579	6580	SN	1	48.841	49.338	0.0	0.003	6.155	2.715	1038.688	1075.832	0.0	-91.861	-89.405	0.0
2	6580	6581	SN	1	48.825	49.338	0.0	0.003	6.149	2.708	1038.624	1075.848	0.0	-92.492	-89.355	0.0
3	6580	6581	SN	1	48.825	49.338	0.0	0.003	6.149	2.721	1038.624	1075.848	0.0	-92.492	-89.355	0.0
4	6580	6581	NS	1	48.791	49.348	0.0	0.003	6.155	2.67	1037.32	1075.776	0.0	-92.018	-89.273	0.0
5	6581	6582	NS	1	48.789	49.349	0.0	0.003	6.155	2.47	1037.288	1075.792	0.0	-92.291	-89.286	0.0
6	6581	6582	SN	1	48.791	49.338	0.0	0.003	5.874	2.357	1037.88	1075.688	0.0	-91.893	-89.409	0.0
7	6594	6595	SN	1	48.845	49.341	0.0	0.003	6.155	2.674	1039.664	1075.776	0.0	-92.104	-89.414	0.0
8	6594	6595	SN	1	48.845	49.341	0.0	0.003	6.155	2.672	1039.664	1075.776	0.0	-92.104	-89.414	0.0
9	6594	6595	SN	1	48.845	49.341	0.0	0.003	5.896	1.966	1039.664	1075.568	0.0	-91.923	-89.414	0.0
10	6595	6596	NS	1	48.787	49.344	0.0	0.003	6.149	2.514	1036.232	1075.728	0.0	-92.028	-89.271	0.0
11	6595	6596	SN	1	48.843	49.341	0.0	0.003	5.868	2.382	1038.832	1075.744	0.0	-91.858	-89.419	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	6579	6580	SN	1	-33.763	23.244	0.075	-34.699	25.072	1.355	7.126	27.32	11.348	9.81	28.657	20.059	0.103	200.898	0.559	0.103	259.448	0.471	0.103	0.116	0.0	0.102	0.11	0.0
2	6580	6581	SN	1	-33.597	23.736	0.617	-34.334	25.315	2.045	-6.485	33.467	7.546	-7.971	29.946	16.985	0.103	193.405	1.01	0.103	229.173	0.796	0.102	0.46	0.0	0.102	0.613	0.0
3	6580	6581	SN	1	-33.597	23.736	0.624	-34.334	25.315	2.048	-6.485	33.467	7.59	-7.971	29.946	16.994	0.103	193.405	1.01	0.103	229.173	0.796	0.102	0.46	0.0	0.102	0.613	0.0
4	6580	6581	NS	1	-34.45	25.059	0.152	-34.985	27.059	0.094	8.15	29.845	9.294	8.254	32.911	29.213	0.103	235.323	2.361	0.103	266.223	2.147	0.102	0.113	0.0	0.102	0.113	0.0
5	6581	6582	NS	1	-34.863	25.676	0.015	-34.636	26.251	0.063	-5.612	32.845	5.38	-3.576	35.134	21.189	0.103	258.802	3.136	0.103	245.593	2.557	0.102	0.393	0.0	0.102	0.28	0.0
6	6581	6582	SN	1	-34.529	23.668	0.326	-34.165	24.854	0.904	4.482	27.458	8.103	5.687	29.308	8.768	0.103	239.701	3.023	0.103	220.429	2.301	0.103	0.127	0.0	0.102	0.121	0.0
7	6594	6595	SN	1	-32.631	23.191	0.374	-30.465	25.142	1.757	-22.761	27.554	7.275	-10.904	30.657	18.844	0.103	154.833	1.181	0.103	94.07	0.942	0.103	16.028	0.009	0.102	1.122	0.002
8	6594	6595	SN	1	-32.631	23.191	0.374	-30.465	25.142	1.754	-22.761	27.554	7.268	-10.904	30.657	18.841	0.103	154.833	1.18	0.103	94.07	0.94	0.103	16.028	0.009	0.102	1.122	0.002
9	6594	6595	SN	1	-32.631	21.53	0.0	-30.465	25.142	1.782	-22.761	27.554	7.151	-10.904	30.657	18.843	0.103	154.833	1.244	0.103	94.07	1.048	0.103	16.028	0.009	0.102	1.122	0.002
10	6595	6596	NS	1	-34.642	23.001	0.048	-33.362	24.206	0.08	3.39	29.949	6.18	2.602	36.381	24.332	0.103	245.998	2.276	0.103	183.229	1.793	0.102	0.135	0.0	0.102	0.142	0.0
11	6595	6596	SN	1	-34.889	24.007	0.658	-34.258	24.717	1.429	3.152	30.082	7.87	2.414	29.608	9.023	0.103	260.368	2.912	0.103	225.168	2.228	0.102	0.137	0.0	0.102	0.144	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	6579	6580	SN	1	57.659	58.226	0.0	0.003	297.871	3.879	1218.512	1265.088	0.0	-93.41	-91.872	0.0
2	6580	6581	SN	1	57.646	58.218	0.0	0.0	298.99	3.939	1218.408	1265.104	0.0	-93.876	-91.825	0.0
3	6580	6581	SN	1	57.646	58.218	0.0	0.0	298.99	3.942	1218.408	1265.104	0.0	-93.876	-91.825	0.0
4	6580	6581	NS	1	57.623	58.229	0.0	0.0	299.001	3.874	1216.968	1265.024	0.0	-93.528	-91.686	0.0
5	6581	6582	NS	1	57.621	58.229	0.0	0.0	299.762	3.538	1217.272	1265.04	0.0	-93.818	-91.689	0.0
6	6581	6582	SN	1	57.625	58.218	0.0	0.003	297.777	3.239	1217.728	1264.912	0.0	-93.507	-91.88	0.0
7	6594	6595	SN	1	57.643	58.221	0.0	0.0	298.648	3.917	1219.664	1265.016	0.0	-93.668	-91.888	0.0
8	6594	6595	SN	1	57.643	58.221	0.0	0.0	298.648	3.913	1219.664	1265.016	0.0	-93.668	-91.888	0.0
9	6594	6595	SN	1	57.643	58.221	0.0	0.0	298.648	3.1	1219.664	1264.888	0.0	-93.374	-91.888	0.0
10	6595	6596	NS	1	57.622	58.244	0.0	0.0	294.931	3.651	1215.824	1264.944	0.0	-93.574	-91.664	0.0
11	6595	6596	SN	1	57.662	58.222	0.0	0.0	299.845	3.306	1218.792	1264.976	0.0	-93.466	-91.891	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	6579	6580	SN	1	-32.626	16.924	0.0	-33.324	18.628	0.0	2.678	22.274	0.004	5.404	23.153	0.081	0.084	126.275	1.127	0.083	148.286	1.043	0.083	0.114	0.0	0.083	0.099	0.0
2	6580	6581	SN	1	-33.69	17.458	0.0	-34.281	18.772	0.0	-12.035	22.543	0.006	-7.218	22.713	0.008	0.084	161.351	0.923	0.083	184.831	0.812	0.083	1.167	0.001	0.083	0.43	0.0
3	6580	6581	SN	1	-33.69	17.458	0.0	-34.281	18.772	0.0	-12.035	22.543	0.006	-7.218	22.713	0.008	0.084	161.351	0.923	0.083	184.831	0.812	0.083	1.167	0.001	0.083	0.43	0.0
4	6580	6581	NS	1	-34.289	17.76	0.0	-34.459	19.906	0.0	0.413	25.124	0.012	1.038	24.769	0.313	0.083	185.187	1.959	0.083	192.558	1.93	0.083	0.137	0.0	0.083	0.129	0.0
5	6581	6582	NS	1	-33.539	18.759	0.0	-33.648	18.456	0.0	-15.533	22.353	0.002	-9.402	23.787	0.185	0.083	155.838	1.981	0.083	159.786	1.926	0.083	2.529	0.002	0.083	0.667	0.0
6	6581	6582	SN	1	-34.168	17.823	0.0	-34.308	18.487	0.0	2.316	22.427	0.012	0.543	22.662	0.025	0.083	180.12	2.371	0.083	185.992	1.89	0.083	0.117	0.0	0.083	0.135	0.0
7	6594	6595	SN	1	-33.31	17.133	0.0	-34.233	18.543	0.0	-15.235	22.427	0.008	-22.414	23.306	0.019	0.084	147.838	1.197	0.083	182.821	1.037	0.083	2.366	0.008	0.083	12.088	0.023
8	6594	6595	SN	1	-33.31	17.133	0.0	-34.233	18.543	0.0	-15.235	22.427	0.008	-22.414	23.306	0.019	0.084	147.838	1.195	0.083	182.821	1.035	0.083	2.366	0.008	0.083	12.088	0.023
9	6594	6595	SN	1	-33.31	14.618	0.0	-34.233	18.543	0.0	-15.235	22.427	0.008	-22.414	23.306	0.019	0.084	147.838	1.244	0.083	182.821	1.155	0.083	2.366	0.008	0.083	12.088	0.023
10	6595	6596	NS	1	-34.014	17.554	0.0	-34.074	16.92	0.0	-4.528	21.73	0.0	-4.076	24.188	0.243	0.084	173.834	1.602	0.084	176.276	1.436	0.083	0.264	0.0	0.083	0.246	0.0
11	6595	6596	SN	1	-34.99	17.407	0.0	-34.767	18.479	0.0	-9.574	22.169	0.005	-13.347	23.235	0.048	0.084	217.616	3.302	0.083	206.715	2.328	0.083	0.691	0.0	0.083	1.555	0.002

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