

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

Report between 12-JUN-2017 To 13-JUN-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	3753	3754	SN	1	48.861	49.485	0.0	0.003	1.814	0.15	1049.04	1090.408	0.0	-92.037	-89.444	0.0
2	3753	3754	NS	1	48.75	49.372	0.0	0.003	1.809	0.192	1027.888	1088.584	0.0	-92.009	-89.131	0.0
3	3753	3754	SN	1	48.861	49.485	0.0	0.003	1.814	0.152	1049.04	1090.408	0.0	-92.037	-89.444	0.0
4	3754	3755	NS	1	48.765	49.375	0.0	0.003	1.809	0.182	1028.232	1088.832	0.0	-91.957	-89.096	0.0
5	3754	3755	SN	1	48.858	49.464	0.0	0.003	207.21	0.141	1048.608	1090.568	0.0	-91.951	-89.393	0.0
6	3754	3755	SN	1	48.858	49.464	0.0	0.003	207.21	0.141	1048.608	1090.568	0.0	-91.951	-89.393	0.0
7	3755	3756	NS	1	48.76	49.375	0.0	0.003	6.309	0.198	1027.936	1088.96	0.0	-92.121	-89.044	0.0
8	3755	3756	SN	1	48.811	49.5	0.0	0.003	1.814	0.14	1048.352	1090.608	0.0	-92.154	-89.427	0.0
9	3757	3758	SN	1	48.819	49.464	0.0	0.003	1.814	0.14	1048.12	1090.496	0.0	-91.881	-89.422	0.0
10	3758	3759	SN	1	48.83	49.479	0.0	0.003	1.814	0.147	1048.232	1090.392	0.0	-91.985	-89.434	0.0
11	3758	3759	NS	1	48.74	49.405	0.0	0.003	1.809	0.192	1028.368	1088.792	0.0	-92.061	-89.128	0.0
12	3758	3759	SN	1	48.83	49.479	0.0	0.003	1.814	0.142	1048.232	1090.392	0.0	-91.985	-89.434	0.0
13	3759	3760	NS	1	48.721	49.375	0.0	0.003	6.298	0.203	1028.024	1088.896	0.0	-92.095	-89.099	0.0
14	3759	3760	SN	1	48.831	49.465	0.0	0.003	206.961	0.148	1048.4	1090.544	0.0	-91.994	-89.461	0.0
15	3759	3760	SN	1	48.831	49.465	0.0	0.003	206.961	0.156	1048.4	1090.544	0.0	-91.994	-89.461	0.0
16	3760	3761	NS	1	48.722	49.422	0.0	0.003	1.814	0.195	1028.136	1088.976	0.0	-91.663	-88.689	0.0
17	3767	3768	SN	1	48.834	49.467	0.0	0.003	1.814	0.156	1048.288	1090.96	0.0	-92.18	-89.411	0.0
18	3767	3768	SN	1	48.834	49.467	0.0	0.003	1.814	0.151	1048.288	1090.96	0.0	-92.18	-89.411	0.0
19	3767	3768	NS	1	48.72	49.376	0.0	0.003	1.809	0.197	1027.64	1089.216	0.0	-91.89	-89.094	0.0
20	3768	3769	NS	1	48.762	49.377	0.0	0.003	6.265	0.199	1028.128	1089.32	0.0	-92.107	-89.126	0.0
21	3768	3769	SN	1	48.856	49.503	0.0	0.003	1.814	0.141	1048.832	1090.976	0.0	-92.319	-89.431	0.0
22	3768	3769	SN	1	48.856	49.503	0.0	0.003	1.814	0.142	1048.832	1090.976	0.0	-92.319	-89.431	0.0
23	3769	3770	NS	1	48.754	49.381	0.0	0.003	1.809	0.184	1028.144	1089.56	0.0	-91.974	-89.04	0.0
24	3769	3770	SN	1	48.815	49.499	0.0	0.003	1.814	0.137	1048.064	1091.128	0.0	-91.993	-89.406	0.0
25	3769	3770	SN	1	48.815	49.499	0.0	0.003	1.814	0.137	1048.064	1091.128	0.0	-91.993	-89.406	0.0
26	3770	3771	SN	1	48.809	49.466	0.0	0.003	1.814	0.141	1047.792	1091.032	0.0	-91.937	-89.435	0.0
27	3770	3771	NS	1	48.738	49.38	0.0	0.003	6.298	0.203	1028.416	1089.512	0.0	-92.204	-89.045	0.0
28	3770	3771	SN	1	48.809	49.466	0.0	0.003	1.814	0.14	1047.792	1091.032	0.0	-91.937	-89.435	0.0
29	3771	3772	SN	1	48.811	49.483	0.0	0.003	1.814	0.139	1047.696	1091.016	0.0	-92.091	-89.478	0.0
30	3771	3772	SN	1	48.811	49.483	0.0	0.003	1.814	0.137	1047.696	1091.016	0.0	-92.091	-89.478	0.0
31	3771	3772	NS	1	48.739	49.38	0.0	0.003	6.298	0.207	1028.464	1089.496	0.0	-91.816	-89.058	0.0
32	3772	3773	SN	1	48.807	49.466	0.0	0.003	1.814	0.145	1047.752	1090.952	0.0	-92.037	-89.405	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

33	3772	3773	NS	1	48.724	49.386	0.0	0.003	1.809	0.196	1028.44	1089.384	0.0	-92.118	-89.039	0.0
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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	3753	3754	SN	1	-33.887	24.899	0.186	-34.185	27.043	0.897	-26.56	27.986	8.013	-29.128	32.769	12.404	0.103	206.71	2.747	0.103	221.474	2.396	0.103	38.322	0.065	0.102	69.173	0.045
2	3753	3754	NS	1	-34.029	27.806	0.024	-34.615	29.058	0.046	-8.256	36.383	9.326	-4.979	36.383	27.199	0.103	213.636	2.363	0.103	244.506	2.069	0.102	0.648	0.0	0.102	0.352	0.0
3	3753	3754	SN	1	-33.887	24.899	0.195	-34.185	27.043	0.937	-26.56	27.986	8.141	-29.128	32.769	12.979	0.103	206.71	2.881	0.103	221.474	2.504	0.103	38.322	0.063	0.102	69.173	0.044
4	3754	3755	NS	1	-34.9	28.309	0.057	-34.748	28.296	0.079	-15.032	28.369	6.055	-19.572	30.529	19.552	0.103	261.048	2.211	0.103	252.108	1.604	0.103	2.771	0.004	0.103	7.733	0.005
5	3754	3755	SN	1	-34.801	24.997	0.06	-34.88	25.639	0.105	-16.07	30.677	8.144	-17.645	32.212	5.671	0.103	255.155	3.486	0.103	259.859	2.051	0.103	3.497	0.004	0.102	4.99	0.015
6	3754	3755	SN	1	-34.801	24.997	0.059	-34.88	25.639	0.103	-16.07	30.677	7.022	-17.645	32.212	4.294	0.103	255.155	3.415	0.103	259.859	2.018	0.103	3.497	0.004	0.102	4.99	0.015
7	3755	3756	NS	1	-33.772	21.632	0.0	-32.491	23.484	0.001	-10.241	29.573	6.797	-18.703	29.239	18.13	0.103	201.353	1.071	0.103	149.951	0.762	0.103	0.975	0.0	0.103	6.344	0.002
8	3755	3756	SN	1	-34.903	24.025	0.056	-34.967	26.4	0.138	7.434	28.293	11.505	8.001	28.909	7.037	0.103	261.252	3.276	0.103	265.118	2.412	0.103	0.115	0.0	0.103	0.113	0.0
9	3757	3758	SN	1	-34.617	23.086	0.001	-33.82	24.534	0.007	5.798	27.484	14.121	6.682	29.189	14.409	0.103	244.579	1.188	0.103	203.565	1.228	0.103	0.121	0.0	0.103	0.117	0.0
10	3758	3759	SN	1	-34.625	23.518	0.001	-34.98	24.851	0.003	4.485	27.121	11.678	5.672	29.073	10.4	0.103	244.977	4.728	0.103	265.892	3.781	0.103	0.127	0.0	0.103	0.121	0.0
11	3758	3759	NS	1	-34.643	23.27	0.043	-34.191	24.048	0.138	-5.745	27.883	5.531	-5.454	29.481	14.817	0.103	246.077	3.777	0.103	221.792	3.421	0.103	0.402	0.0	0.103	0.382	0.0
12	3758	3759	SN	1	-34.625	23.518	0.001	-34.98	24.851	0.003	4.485	27.121	10.872	5.672	28.252	7.811	0.103	244.977	4.538	0.103	265.892	3.571	0.103	0.127	0.0	0.103	0.121	0.0
13	3759	3760	NS	1	-34.727	25.227	0.099	-34.555	27.415	0.577	7.222	29.562	12.323	7.656	30.269	24.566	0.103	250.804	3.409	0.103	241.085	2.987	0.103	0.115	0.0	0.103	0.114	0.0
14	3759	3760	SN	1	-34.881	23.775	0.023	-34.946	24.709	0.055	-24.221	30.071	9.303	-11.669	34.605	11.738	0.103	259.897	4.381	0.103	263.881	3.944	0.103	22.399	0.005	0.102	1.321	0.004
15	3759	3760	SN	1	-34.881	23.775	0.025	-34.946	24.709	0.062	-24.221	30.071	9.55	-11.669	34.605	12.704	0.103	259.897	4.718	0.103	263.881	4.464	0.103	22.399	0.005	0.102	1.321	0.004
16	3760	3761	NS	1	-34.048	25.175	0.096	-34.804	25.99	0.242	-5.765	28.436	11.36	-8.22	30.111	33.79	0.103	214.512	4.64	0.103	255.299	3.774	0.103	0.404	0.0	0.103	0.644	0.0
17	3767	3768	SN	1	-34.365	25.422	0.356	-33.367	27.096	1.14	-30.596	27.588	6.327	-30.525	29.075	14.734	0.103	230.75	2.335	0.103	183.429	2.297	0.103	96.953	0.208	0.103	95.391	0.209
18	3767	3768	SN	1	-34.365	25.422	0.333	-33.367	27.096	1.026	-30.596	27.588	6.285	-30.525	29.075	14.151	0.103	230.75	2.185	0.103	183.429	2.067	0.103	96.953	0.212	0.103	95.391	0.214
19	3767	3768	NS	1	-34.776	27.319	0.08	-34.004	27.068	0.104	0.792	29.296	10.587	8.091	30.86	22.958	0.103	253.737	5.027	0.103	212.379	4.528	0.103	0.163	0.0	0.103	0.113	0.0
20	3768	3769	NS	1	-34.77	26.544	0.023	-32.255	29.37	0.032	-11.03	32.019	7.129	-9.749	33.397	28.393	0.103	253.346	1.038	0.103	142.004	0.772	0.102	1.152	0.002	0.102	0.879	0.0
21	3768	3769	SN	1	-34.892	25.221	0.137	-34.982	26.93	0.372	-23.381	29.455	7.159	-17.891	30.178	4.846	0.103	260.543	6.26	0.103	266.035	4.635	0.103	18.473	0.023	0.103	5.275	0.022
22	3768	3769	SN	1	-34.892	25.221	0.14	-34.982	26.93	0.381	-23.381	29.455	7.797	-17.891	30.178	5.769	0.103	260.543	6.418	0.103	266.035	4.743	0.103	18.473	0.022	0.103	5.275	0.021
23	3769	3770	NS	1	-34.328	22.17	0.001	-33.082	21.852	0.0	-11.133	30.3	6.418	-17.682	30.08	18.172	0.103	228.846	1.791	0.103	171.798	1.391	0.103	1.178	0.002	0.103	5.032	0.003
24	3769	3770	SN	1	-34.965	25.192	0.116	-34.54	25.922	0.121	7.571	27.857	9.877	8.246	29.54	5.808	0.103	264.956	1.543	0.103	240.223	1.046	0.103	0.114	0.0	0.103	0.113	0.0
25	3769	3770	SN	1	-34.965	25.192	0.114	-34.54	25.922	0.119	7.571	27.857	8.21	8.246	29.54	4.596	0.103	264.956	1.518	0.103	240.223	1.036	0.103	0.114	0.0	0.103	0.113	0.0
26	3770	3771	SN	1	-34.874	24.407	0.034	-34.765	26.669	0.118	6.324	27.198	9.59	7.703	29.167	5.398	0.103	259.482	5.059	0.103	253.122	4.135	0.103	0.118	0.0	0.103	0.114	0.0
27	3770	3771	NS	1	-34.97	21.281	0.0	-34.769	22.474	0.001	-8.668	33.519	7.23	-7.36	30.287	17.617	0.103	265.291	2.466	0.103	253.256	2.007	0.102	0.704	0.0	0.103	0.544	0.0
28	3770	3771	SN	1	-34.874	24.407	0.033	-34.765	26.669	0.117	6.324	27.198	8.25	7.703	29.167	4.822	0.103	259.482	4.981	0.103	253.122	4.071	0.103	0.118	0.0	0.103	0.114	0.0
29	3771	3772	SN	1	-33.769	24.542	0.117	-34.996	25.744	0.195	6.417	28.04	15.269	8.306	28.507	19.63	0.103	201.254	1.509	0.103	266.843	1.798	0.103	0.118	0.0	0.103	0.112	0.0
30	3771	3772	SN	1	-33.769	24.542	0.113	-34.996	25.744	0.19	6.417	28.04	13.969	7.195	28.507	18.918	0.103	201.254	1.465	0.103	266.843	1.754	0.103	0.118	0.0	0.103	0.115	0.0
31	3771	3772	NS	1	-34.73	20.097	0.0	-34.043	22.401	0.002	-19.35	28.204	3.876	-24.233	31.174	13.738	0.103	250.98	2.197	0.103	214.328	1.712	0.103	7.351	0.021	0.103	22.463	0.007
32	3772	3773	SN	1	-34.006	22.22	0.001	-34.945	24.112	0.002	5.243	26.839	14.788	4.378	29.297	15.575	0.103	212.494	2.227	0.103	263.784	1.797	0.103	0.123	0.0	0.103	0.128	0.0
33	3772	3773	NS	1	-34.601	21.712	0.0	-34.134	22.051	0.001	-30.584	27.716	4.54	-14.6	29.031	11.999	0.103	243.744	3.798	0.103	218.848	3.176	0.103	96.69	0.007	0.103	2.516	0.002

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	3753	3754	SN	1	57.685	58.388	0.0	0.003	1.98	0.214	1230.48	1283.352	5.937	-93.753	-91.95	0.0
2	3753	3754	NS	1	57.526	58.27	0.0	0.003	1.974	0.161	1205.024	1280.68	10.623	-93.538	-91.528	0.0
3	3753	3754	SN	1	57.685	58.388	0.0	0.003	1.98	0.221	1230.48	1283.352	6.393	-93.753	-91.95	0.0
4	3754	3755	NS	1	57.555	58.275	0.0	0.003	1.974	0.15	1205.4	1280.976	10.725	-93.557	-91.498	0.0
5	3754	3755	SN	1	57.672	58.4	0.0	0.003	1.985	0.204	1230.28	1283.528	6.288	-93.656	-91.895	0.0
6	3754	3755	SN	1	57.672	58.4	0.0	0.003	1.985	0.2	1230.28	1283.528	5.862	-93.656	-91.895	0.0
7	3755	3756	NS	1	57.556	58.285	0.0	0.003	22.948	0.199	1205.808	1281.152	10.784	-93.485	-91.456	0.0
8	3755	3756	SN	1	57.656	58.405	0.0	0.003	1.985	0.204	1230.0	1283.576	6.41	-93.563	-91.931	0.0
9	3757	3758	SN	1	57.66	58.387	0.0	0.003	1.985	0.2	1229.672	1283.432	5.917	-93.517	-91.926	0.0
10	3758	3759	SN	1	57.669	58.386	0.0	0.003	1.98	0.215	1230.112	1283.32	6.305	-93.53	-91.943	0.0
11	3758	3759	NS	1	57.537	58.276	0.0	0.003	1.974	0.16	1205.784	1280.96	11.342	-93.647	-91.53	0.0
12	3758	3759	SN	1	57.669	58.386	0.0	0.003	1.98	0.203	1230.112	1283.32	5.671	-93.53	-91.943	0.0
13	3759	3760	NS	1	57.533	58.275	0.0	0.003	23.411	0.204	1204.88	1281.096	12.046	-93.563	-91.51	0.0
14	3759	3760	SN	1	57.682	58.388	0.0	0.003	1.98	0.209	1230.048	1283.52	6.357	-93.46	-91.962	0.0
15	3759	3760	SN	1	57.682	58.388	0.0	0.003	1.98	0.227	1230.048	1283.52	7.195	-93.46	-91.962	0.0
16	3760	3761	NS	1	57.526	58.275	0.0	0.003	1.98	0.156	1204.872	1281.176	12.251	-93.346	-91.153	0.0
17	3767	3768	SN	1	57.663	58.392	0.0	0.003	1.985	0.228	1229.84	1284.016	7.893	-93.765	-91.926	0.0
18	3767	3768	SN	1	57.663	58.392	0.0	0.003	1.985	0.218	1229.84	1284.016	7.181	-93.765	-91.926	0.0
19	3767	3768	NS	1	57.53	58.276	0.0	0.003	1.974	0.165	1204.544	1281.464	11.79	-93.559	-91.53	0.0
20	3768	3769	NS	1	57.553	58.277	0.0	0.003	23.395	0.201	1205.016	1281.584	10.903	-93.718	-91.524	0.0
21	3768	3769	SN	1	57.683	58.414	0.0	0.003	1.985	0.205	1230.328	1284.024	6.945	-93.933	-91.941	0.0
22	3768	3769	SN	1	57.683	58.414	0.0	0.003	1.985	0.209	1230.328	1284.024	7.478	-93.933	-91.941	0.0
23	3769	3770	NS	1	57.554	58.281	0.0	0.003	1.974	0.15	1205.744	1281.904	11.041	-93.558	-91.45	0.0
24	3769	3770	SN	1	57.65	58.399	0.0	0.003	1.985	0.203	1229.976	1284.184	7.353	-93.495	-91.916	0.0
25	3769	3770	SN	1	57.65	58.399	0.0	0.003	1.985	0.199	1229.976	1284.184	6.822	-93.495	-91.916	0.0
26	3770	3771	SN	1	57.646	58.39	0.0	0.003	1.985	0.203	1229.392	1284.08	7.34	-93.518	-91.932	0.0
27	3770	3771	NS	1	57.535	58.28	0.0	0.003	23.698	0.204	1205.888	1281.848	10.854	-93.744	-91.446	0.0
28	3770	3771	SN	1	57.646	58.39	0.0	0.003	1.985	0.198	1229.392	1284.08	6.793	-93.518	-91.932	0.0
29	3771	3772	SN	1	57.657	58.395	0.0	0.003	1.985	0.204	1229.176	1284.064	7.468	-93.538	-91.979	0.0
30	3771	3772	SN	1	57.657	58.395	0.0	0.003	1.985	0.197	1229.176	1284.064	6.861	-93.538	-91.979	0.0
31	3771	3772	NS	1	57.533	58.281	0.0	0.003	23.417	0.205	1205.904	1281.84	10.96	-93.493	-91.468	0.0
32	3772	3773	SN	1	57.663	58.39	0.0	0.003	1.98	0.21	1229.104	1283.976	7.347	-93.615	-91.91	0.0
33	3772	3773	NS	1	57.542	58.279	0.0	0.003	1.974	0.157	1205.52	1281.688	11.143	-93.691	-91.451	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	3753	3754	SN	1	-34.821	19.972	0.0	-34.852	20.405	0.0	-17.687	22.846	0.008	-25.227	24.047	0.215	0.083	209.304	3.054	0.083	210.813	2.412	0.083	4.111	0.039	0.083	23.039	0.013
2	3753	3754	NS	1	-33.843	21.898	0.0	-34.502	23.12	0.004	0.698	22.577	0.028	-2.811	28.341	0.378	0.083	167.142	2.022	0.083	194.494	2.117	0.083	0.133	0.0	0.083	0.202	0.0
3	3753	3754	SN	1	-34.821	19.972	0.0	-34.852	20.405	0.0	-17.687	22.846	0.008	-25.227	24.047	0.214	0.083	209.304	3.178	0.083	210.813	2.515	0.083	4.111	0.038	0.083	23.039	0.013
4	3754	3755	NS	1	-33.761	21.505	0.0	-34.241	21.944	0.0	-14.076	22.899	0.009	-17.881	23.823	0.234	0.083	163.997	2.012	0.083	183.163	2.066	0.083	1.827	0.004	0.083	4.298	0.002
5	3754	3755	SN	1	-33.831	18.841	0.0	-34.553	20.28	0.0	-21.03	22.433	0.011	-15.392	23.532	0.346	0.083	166.645	2.036	0.083	196.843	1.662	0.083	8.803	0.005	0.083	2.451	0.005
6	3754	3755	SN	1	-33.831	18.841	0.0	-34.553	20.28	0.0	-21.03	22.433	0.012	-15.392	23.532	0.355	0.083	166.645	1.995	0.083	196.843	1.643	0.083	8.803	0.005	0.083	2.451	0.006
7	3755	3756	NS	1	-33.458	15.141	0.0	-34.004	15.497	0.0	-6.734	22.164	0.002	-27.611	23.522	0.132	0.084	152.947	0.778	0.084	173.425	0.756	0.083	0.392	0.0	0.083	39.845	0.024
8	3755	3756	SN	1	-34.82	19.202	0.0	-34.597	20.489	0.0	1.696	22.354	0.005	1.385	23.289	0.233	0.083	209.218	3.028	0.083	198.763	2.448	0.083	0.122	0.0	0.083	0.125	0.0
9	3757	3758	SN	1	-34.721	19.471	0.0	-34.147	20.028	0.0	1.023	22.048	0.01	0.334	22.348	0.061	0.083	204.529	1.353	0.083	179.211	1.277	0.083	0.129	0.0	0.083	0.138	0.0
10	3758	3759	SN	1	-34.997	19.881	0.0	-34.98	17.509	0.0	0.627	23.167	0.135	0.614	23.139	0.243	0.083	217.984	4.044	0.083	217.165	3.337	0.083	0.134	0.0	0.083	0.134	0.0
11	3758	3759	NS	1	-34.431	19.633	0.0	-34.45	20.527	0.0	-31.36	23.536	0.368	-16.387	23.621	0.608	0.083	191.344	3.107	0.083	193.11	2.823	0.083	94.392	0.017	0.083	3.065	0.007
12	3758	3759	SN	1	-34.997	18.096	0.0	-34.98	17.509	0.0	0.627	23.167	0.129	0.614	23.139	0.244	0.083	217.984	3.911	0.083	217.165	3.167	0.083	0.134	0.0	0.083	0.134	0.0
13	3759	3760	NS	1	-33.802	19.893	0.0	-34.809	20.944	0.0	2.639	22.775	0.177	2.404	24.212	1.177	0.083	165.52	2.603	0.083	208.737	2.422	0.083	0.114	0.0	0.083	0.116	0.0
14	3759	3760	SN	1	-34.997	18.581	0.0	-34.396	18.492	0.0	-16.853	23.748	0.33	-5.971	26.943	0.997	0.083	218.01	4.132	0.083	189.814	3.779	0.083	3.405	0.006	0.083	0.34	0.0
15	3759	3760	SN	1	-34.997	18.581	0.0	-34.396	18.492	0.0	-16.853	23.748	0.345	-5.971	26.943	1.159	0.083	218.01	4.411	0.083	189.814	4.106	0.083	3.405	0.007	0.083	0.34	0.0
16	3760	3761	NS	1	-34.475	19.079	0.0	-34.464	20.529	0.0	-5.54	23.304	0.381	-3.838	24.164	1.79	0.083	193.287	4.25	0.083	192.777	4.028	0.083	0.315	0.0	0.083	0.236	0.0
17	3767	3768	SN	1	-33.228	19.559	0.0	-34.693	20.353	0.0	-28.444	22.74	0.027	-28.531	23.411	0.171	0.083	145.044	3.17	0.083	203.195	2.774	0.083	48.264	0.143	0.083	49.235	0.146
18	3767	3768	SN	1	-33.228	19.559	0.0	-34.693	20.353	0.0	-28.444	22.74	0.028	-28.531	23.411	0.175	0.083	145.044	3.018	0.083	203.195	2.489	0.083	48.264	0.146	0.083	49.235	0.15
19	3767	3768	NS	1	-34.871	21.668	0.0	-34.236	22.277	0.003	2.044	23.691	0.213	2.712	23.905	0.898	0.083	211.724	4.118	0.083	182.946	4.215	0.083	0.119	0.0	0.083	0.113	0.0
20	3768	3769	NS	1	-34.171	21.378	0.0	-34.741	23.069	0.003	-5.575	22.956	0.014	-5.755	24.516	0.278	0.083	180.229	0.808	0.083	205.499	0.884	0.083	0.317	0.0	0.083	0.327	0.0
21	3768	3769	SN	1	-34.97	19.013	0.0	-34.951	20.418	0.0	-18.414	23.006	0.013	-24.071	23.68	0.253	0.083	216.601	4.723	0.083	215.668	3.97	0.083	4.85	0.015	0.083	17.669	0.013
22	3768	3769	SN	1	-34.97	19.013	0.0	-34.951	20.418	0.0	-18.414	23.006	0.013	-24.071	23.68	0.248	0.083	216.601	4.847	0.083	215.668	4.042	0.083	4.85	0.015	0.083	17.669	0.013
23	3769	3770	NS	1	-34.407	16.23	0.0	-34.3	15.873	0.0	-5.589	23.201	0.056	-33.828	23.782	0.271	0.084	190.274	1.345	0.084	185.668	1.204	0.083	0.318	0.0	0.083	166.525	0.043
24	3769	3770	SN	1	-34.917	19.78	0.0	-34.948	20.062	0.0	1.083	22.964	0.121	2.078	23.078	0.504	0.083	213.976	2.005	0.083	215.553	1.702	0.083	0.129	0.0	0.083	0.119	0.0
25	3769	3770	SN	1	-34.917	19.78	0.0	-34.948	20.062	0.0	1.083	22.964	0.128	2.078	23.078	0.526	0.083	213.976	1.971	0.083	215.553	1.689	0.083	0.129	0.0	0.083	0.119	0.0
26	3770	3771	SN	1	-34.861	19.222	0.0	-34.844	21.213	0.0	1.7	22.158	0.029	1.801	22.89	0.264	0.083	211.273	4.281	0.083	210.441	3.896	0.083	0.122	0.0	0.083	0.121	0.0
27	3770	3771	NS	1	-34.999	14.265	0.0	-34.878	16.955	0.0	-25.391	22.161	0.002	-19.484	23.194	0.135	0.085	218.093	1.912	0.084	212.073	1.871	0.083	23.922	0.023	0.083	6.188	0.035
28	3770	3771	SN	1	-34.861	19.222	0.0	-34.844	21.213	0.0	1.7	22.158	0.031	0.266	22.89	0.296	0.083	211.273	4.213	0.083	210.441	3.851	0.083	0.122	0.0	0.083	0.139	0.0
29	3771	3772	SN	1	-34.41	19.025	0.0	-34.962	20.117	0.0	1.863	21.946	0.0	1.195	22.986	0.61	0.083	190.407	2.176	0.083	216.213	2.436	0.083	0.121	0.0	0.083	0.127	0.0
30	3771	3772	SN	1	-34.41	19.025	0.0	-34.962	20.117	0.0	1.863	21.946	0.0	-0.188	22.986	0.455	0.083	190.407	2.132	0.083	216.213	2.382	0.083	0.121	0.0	0.083	0.145	0.0
31	3771	3772	NS	1	-32.555	13.318	0.0	-34.665	15.846	0.0	-31.029	22.786	0.034	-12.633	23.581	0.147	0.085	124.264	1.329	0.084	201.925	1.276	0.083	87.458	0.009	0.083	1.329	0.001
32	3772	3773	SN	1	-34.468	20.057	0.0	-34.936	20.45	0.0	-0.017	21.739	0.0	0.248	22.242	0.047	0.083	193.0	2.257	0.083	214.898	1.971	0.083	0.143	0.0	0.083	0.139	0.0

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

33	3772	3773	NS	1	-34.67	16.426	0.0	-34.773	19.675	0.0	-27.261	22.706	0.018	-12.49	23.103	0.21	0.084	202.133	3.065	0.083	206.991	3.004	0.083	36.758	0.018	0.083	1.288	0.006
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Parameter Specifications	Parameters	SNR	Kp
	Min	-65.0	0.0
	Max	22.0	1.0

 Normal

 Deviations

 Alarming

 High Errors