





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

Report between 11-FEB-2017 To 12-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	1999	2000	NS	1	48.724	49.313	0.0	0.003	1.809	70.126	1027.616	1084.672	0.0	-91.172	-89.983	0.0
2	1999	2000	SN	1	48.818	49.419	0.0	0.003	6.469	70.607	1050.688	1086.928	0.0	-91.586	-90.203	0.0
3	2000	2001	NS	1	48.726	49.364	0.0	0.003	1.809	66.167	1027.496	1084.72	0.0	-91.209	-89.969	0.0
4	2000	2001	SN	1	48.841	49.402	0.0	0.003	298.157	67.868	1050.424	1086.824	0.0	-91.353	-90.184	0.0
5	2001	2002	NS	1	48.725	49.354	0.0	0.003	6.315	65.58	1027.136	1084.888	0.0	-91.278	-89.954	0.0
6	2001	2002	SN	2	48.824	49.449	0.0	0.003	6.453	66.111	1049.656	1086.952	0.0	-91.348	-90.207	0.0
7	2002	2003	NS	2	48.715	49.322	0.0	0.003	6.287	66.512	1027.72	1084.88	0.0	-91.307	-89.983	0.0
8	2002	2003	SN	1	48.841	49.41	0.0	0.003	6.436	66.475	1050.272	1086.888	0.0	-91.394	-90.216	0.0
9	2003	2004	NS	1	48.727	49.364	0.0	0.003	1.803	66.723	1028.096	1084.824	0.0	-91.273	-89.969	0.0
10	2003	2004	SN	1	48.808	49.429	0.0	0.003	5.509	66.173	1049.752	1086.832	0.0	-91.644	-90.214	0.0
11	2004	2005	NS	1	48.683	49.356	0.0	0.003	1.809	68.506	1028.056	1084.792	0.0	-91.321	-89.972	0.0
12	2004	2005	SN	1	48.833	49.43	0.0	0.003	6.375	67.45	1049.672	1086.952	0.0	-91.347	-90.214	0.0
13	2005	2006	NS	2	48.726	49.36	0.0	0.003	6.342	67.146	1027.288	1084.8	0.0	-91.284	-90.005	0.0
14	2005	2006	SN	1	48.842	49.445	0.0	0.003	6.337	69.032	1050.096	1087.416	0.0	-91.369	-90.233	0.0
15	2006	2007	SN	2	48.843	49.404	0.0	0.003	6.304	69.676	1050.512	1087.248	0.0	-91.479	-90.208	0.0
16	2006	2007	NS	1	48.694	49.361	0.0	0.003	1.809	66.895	1027.76	1084.992	0.0	-91.283	-90.003	0.0
17	2007	2008	NS	1	48.713	49.361	0.0	0.003	1.809	69.423	1027.752	1085.08	0.0	-91.271	-89.947	0.0
18	2007	2008	SN	1	48.844	49.432	0.0	0.003	1.814	67.014	1049.888	1087.144	0.0	-91.358	-90.145	0.0
19	2008	2009	NS	2	48.708	49.315	0.0	0.003	1.809	68.459	1027.736	1085.056	0.0	-91.289	-89.967	0.0
20	2008	2009	SN	1	48.843	49.428	0.0	0.003	1.809	66.914	1049.96	1087.096	0.0	-91.636	-90.197	0.0
21	2009	2010	NS	1	48.707	49.372	0.0	0.003	1.809	67.596	1027.344	1085.072	0.0	-91.573	-90.007	0.0
22	2009	2010	SN	1	48.809	49.403	0.0	0.003	1.814	68.052	1050.032	1087.104	0.0	-91.495	-90.187	0.0
23	2010	2011	SN	2	48.801	49.451	0.0	0.003	1.814	67.996	1050.224	1087.216	0.0	-91.335	-90.189	0.0
24	2010	2011	NS	1	48.724	49.369	0.0	0.003	6.304	67.124	1027.704	1085.184	0.0	-91.287	-90.003	0.0
25	2011	2012	NS	1	48.684	49.33	0.0	0.003	1.809	67.517	1026.864	1085.192	0.0	-91.261	-89.986	0.0
26	2011	2012	SN	1	48.841	49.452	0.0	0.003	1.814	67.196	1049.688	1087.288	0.0	-91.679	-90.212	0.0
27	2012	2013	NS	1	48.696	49.317	0.0	0.003	1.809	66.58	1027.032	1085.368	0.0	-91.109	-89.994	0.0
28	2012	2013	SN	1	48.797	49.441	0.0	0.003	1.814	68.011	1049.952	1087.448	0.0	-91.834	-90.209	0.0
29	2013	2014	NS	1	48.717	49.366	0.0	0.003	1.809	68.592	1026.616	1085.464	0.0	-91.031	-89.979	0.0
30	2013	2014	SN	1	48.809	49.459	0.0	0.003	6.563	70.484	1049.784	1087.52	0.0	-91.483	-90.208	0.0
31	2014	2015	NS	1	48.686	49.329	0.0	0.003	1.814	67.745	1027.488	1085.344	0.0	-91.688	-89.968	0.0
32	2014	2015	SN	1	48.824	49.442	0.0	0.003	1.82	70.716	1050.032	1087.408	0.0	-91.312	-90.19	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	2015	2016	NS	1	48.723	49.371	0.0	0.003	1.809	65.462	1027.704	1085.592	0.0	-91.246	-89.945	0.0
34	2015	2016	SN	1	48.829	49.455	0.0	0.003	1.814	67.446	1049.568	1087.576	0.0	-91.595	-90.184	0.0
35	2016	2017	SN	1	48.837	49.404	0.0	0.003	6.508	66.336	1049.968	1087.6	0.0	-91.355	-90.214	0.0
36	2016	2017	NS	1	48.724	49.354	0.0	0.003	1.809	65.74	1027.184	1085.64	0.0	-91.3	-89.989	0.0
37	2017	2018	SN	1	48.823	49.439	0.0	0.008	5.581	66.86	1049.192	1087.504	0.0	-91.456	-90.21	0.0
38	2017	2018	NS	1	48.689	49.376	0.0	0.003	1.803	67.111	1027.952	1085.568	0.0	-91.33	-89.975	0.0
39	2018	2019	NS	1	48.725	49.373	0.0	0.003	1.803	67.738	1027.904	1085.528	0.0	-91.305	-89.98	0.0
40	2018	2019	SN	1	48.838	49.421	0.0	0.003	5.548	66.727	1049.096	1087.48	0.0	-92.051	-90.211	0.0
41	2019	2020	NS	1	48.724	49.334	0.0	0.003	1.809	67.658	1027.848	1085.432	0.0	-91.236	-89.995	0.0
42	2019	2020	SN	1	48.839	49.414	0.0	0.003	6.447	68.093	1049.576	1087.992	0.0	-91.383	-90.216	0.0
43	2020	2021	SN	1	48.809	49.404	0.0	0.003	6.403	69.367	1050.064	1087.528	0.0	-91.376	-90.211	0.0
44	2020	2021	NS	1	48.707	49.362	0.0	0.003	1.809	66.625	1027.216	1085.512	0.0	-91.225	-90.002	0.0
45	2021	2022	NS	1	48.687	49.368	0.0	0.003	1.809	67.797	1027.6	1085.664	0.0	-91.6	-89.988	0.0
46	2021	2022	SN	1	48.84	49.43	0.0	0.003	1.809	68.356	1050.176	1087.696	0.0	-91.282	-90.163	0.0
47	2022	2023	SN	1	48.839	49.411	0.0	0.003	1.814	66.715	1050.232	1087.712	0.0	-91.297	-90.17	0.0
48	2022	2023	NS	1	48.687	49.342	0.0	0.003	1.809	69.727	1027.424	1085.688	0.0	-91.253	-89.981	0.0
49	2023	2024	NS	1	48.723	49.32	0.0	0.003	1.809	68.058	1027.064	1085.608	0.0	-91.35	-89.972	0.0
50	2023	2024	SN	1	48.839	49.417	0.0	0.003	1.809	66.971	1050.144	1087.632	0.0	-91.36	-90.19	0.0
51	2024	2025	SN	2	48.819	49.45	0.0	0.003	1.809	68.833	1049.904	1087.704	0.0	-91.361	-90.192	0.0
52	2024	2025	NS	1	48.719	49.363	0.0	0.003	1.809	67.317	1027.672	1085.712	0.0	-91.293	-89.988	0.0
53	2025	2026	NS	1	48.721	49.372	0.0	0.003	1.809	66.71	1026.952	1085.76	0.0	-91.243	-89.986	0.0
54	2025	2026	SN	1	48.827	49.45	0.0	0.003	1.809	67.258	1049.952	1087.808	0.0	-91.495	-90.194	0.0
55	2026	2027	NS	1	48.721	49.356	0.0	0.003	1.809	67.477	1026.624	1085.904	0.0	-91.188	-89.988	0.0
56	2026	2027	SN	1	48.798	49.441	0.0	0.003	1.814	67.411	1049.224	1087.92	0.0	-91.748	-90.198	0.0
57	2026	2027	SN	2	48.798	49.441	0.0	0.003	1.814	67.411	1049.224	1087.92	0.0	-91.748	-90.198	0.0
58	2027	2028	NS	1	48.698	49.358	0.0	0.003	1.809	67.505	1026.76	1086.064	0.0	-91.172	-89.983	0.0
59	2027	2028	SN	1	48.815	49.441	0.0	0.003	5.769	69.377	1049.192	1088.136	0.0	-91.347	-90.205	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	1999	2000	NS	1	-34.577	28.839	0.84	-34.956	27.73	0.899	5.911	31.231	11.473	5.062	33.132	19.36	0.103	242.349	1.008	0.103	264.434	1.056	0.103	0.12	0.0	0.102	0.124	0.0
2	1999	2000	SN	1	-34.765	25.094	2.195	-34.739	25.625	2.619	-5.181	28.985	7.686	-2.306	29.585	7.375	0.103	253.079	2.885	0.103	251.556	1.973	0.103	0.364	0.0	0.103	0.233	0.0
3	2000	2001	NS	1	-34.499	25.781	0.149	-32.796	28.371	0.198	0.995	32.278	6.737	1.612	31.191	14.503	0.103	238.051	2.463	0.103	160.864	1.875	0.102	0.16	0.0	0.103	0.152	0.0
4	2000	2001	SN	1	-34.462	24.562	1.359	-34.563	25.879	1.72	5.911	27.965	9.363	6.02	31.974	6.301	0.103	236.034	4.023	0.103	241.581	3.679	0.103	0.12	0.0	0.102	0.12	0.0
5	2001	2002	NS	1	-34.97	26.686	0.372	-34.13	26.822	0.428	-2.407	29.157	7.586	-10.108	29.104	13.347	0.103	265.262	3.944	0.103	218.656	3.92	0.103	0.236	0.0	0.103	0.948	0.0
6	2001	2002	SN	2	-34.891	23.863	0.065	-34.246	24.2	0.096	6.075	29.46	10.918	7.975	28.832	5.841	0.103	260.487	4.393	0.103	224.51	3.866	0.103	0.119	0.0	0.103	0.113	0.0
7	2002	2003	NS	2	-34.923	26.889	0.32	-34.634	27.506	0.307	-8.338	28.909	7.124	-15.474	30.936	12.179	0.103	262.455	5.352	0.103	245.544	5.888	0.103	0.659	0.0	0.103	3.06	0.005
8	2002	2003	SN	1	-34.905	25.846	0.027	-34.547	26.564	0.036	6.431	26.963	11.689	6.363	26.918	7.412	0.103	261.359	2.638	0.103	240.724	1.857	0.103	0.118	0.0	0.103	0.118	0.0
9	2003	2004	NS	1	-34.057	24.237	0.045	-34.552	25.407	0.067	-21.336	28.046	4.125	-22.535	29.169	8.351	0.103	215.028	2.624	0.103	240.969	2.366	0.103	11.566	0.001	0.103	15.217	0.003
10	2003	2004	SN	1	-34.388	23.567	0.007	-34.984	26.688	0.017	5.656	27.993	17.431	7.652	28.315	21.797	0.103	232.04	2.714	0.103	266.149	1.741	0.103	0.121	0.0	0.103	0.114	0.0
11	2004	2005	NS	1	-34.507	24.987	1.099	-33.367	25.102	1.334	-10.702	28.366	7.592	-19.794	28.586	11.344	0.103	238.511	1.351	0.103	183.444	1.356	0.103	1.075	0.002	0.103	8.134	0.002
12	2004	2005	SN	1	-34.541	25.099	0.003	-34.956	23.77	0.002	6.156	27.529	16.531	7.454	28.456	19.935	0.103	240.372	2.142	0.103	264.395	1.941	0.103	0.119	0.0	0.103	0.115	0.0
13	2005	2006	NS	2	-34.459	25.744	0.889	-34.835	26.544	1.163	-4.169	29.26	13.322	-5.151	28.521	18.77	0.103	235.839	1.659	0.103	257.191	1.759	0.103	0.307	0.0	0.103	0.362	0.0
14	2005	2006	SN	1	-34.871	24.208	0.146	-34.933	25.402	0.167	6.304	32.213	9.683	7.848	31.078	10.166	0.103	259.32	4.582	0.103	263.027	4.305	0.102	0.119	0.0	0.103	0.114	0.0
15	2006	2007	SN	2	-33.877	24.499	0.208	-34.346	25.202	0.256	-4.155	33.971	10.526	-3.313	35.832	10.817	0.103	206.286	2.434	0.103	229.761	2.244	0.102	0.307	0.0	0.102	0.269	0.0
16	2006	2007	NS	1	-34.895	26.479	0.906	-34.84	26.384	1.196	1.003	28.662	9.817	6.42	31.18	17.162	0.103	260.781	1.765	0.103	257.463	1.528	0.103	0.16	0.0	0.103	0.118	0.0
17	2007	2008	NS	1	-33.738	25.164	0.332	-34.566	26.114	0.473	2.209	28.813	22.451	2.743	29.771	37.453	0.103	199.76	1.558	0.103	241.757	1.297	0.103	0.146	0.0	0.103	0.14	0.0
18	2007	2008	SN	1	-33.792	25.899	0.277	-34.371	26.159	0.394	-14.181	28.464	14.865	-10.23	29.788	12.71	0.103	202.271	3.755	0.103	231.134	3.048	0.103	2.293	0.005	0.103	0.973	0.0
19	2008	2009	NS	2	-34.878	24.652	0.079	-34.991	26.726	0.053	-24.648	29.632	13.407	-25.347	31.989	23.596	0.103	259.728	3.526	0.103	266.619	3.578	0.103	24.705	0.042	0.102	29.008	0.035
20	2008	2009	SN	1	-34.962	25.897	0.22	-34.889	26.804	0.341	-2.644	34.26	13.87	-2.255	29.287	11.84	0.103	264.828	5.193	0.103	260.374	4.348	0.102	0.244	0.0	0.103	0.231	0.0
21	2009	2010	NS	1	-34.895	23.881	0.123	-34.988	23.651	0.164	4.802	29.731	17.508	5.737	34.085	25.644	0.103	260.722	2.94	0.103	266.369	3.388	0.103	0.126	0.0	0.102	0.121	0.0
22	2009	2010	SN	1	-34.337	24.779	0.012	-34.971	25.827	0.165	-6.045	28.819	15.425	-4.48	30.617	14.962	0.103	229.27	4.827	0.103	265.322	3.794	0.103	0.425	0.0	0.103	0.323	0.0
23	2010	2011	SN	2	-34.741	26.55	0.392	-34.478	27.122	0.996	-12.004	30.394	12.829	-8.759	30.889	12.1	0.103	251.673	3.121	0.103	236.823	2.76	0.103	1.421	0.002	0.103	0.717	0.0
24	2010	2011	NS	1	-34.601	23.935	0.143	-34.86	23.971	0.257	12.588	28.563	28.536	13.979	28.937	37.841	0.103	243.681	2.293	0.103	258.656	2.322	0.103	0.106	0.0	0.103	0.105	0.0
25	2011	2012	NS	1	-34.855	25.662	0.244	-34.764	25.967	0.271	10.483	28.021	26.316	10.945	29.543	33.025	0.103	258.358	2.438	0.103	253.01	2.094	0.103	0.108	0.0	0.103	0.108	0.0
26	2011	2012	SN	1	-33.93	26.915	0.287	-34.974	26.873	0.755	-9.778	28.878	22.249	-6.704	29.345	23.803	0.103	208.81	2.549	0.103	280.368	2.382	0.103	0.885	0.0	0.103	0.48	0.0
27	2012	2013	NS	1	-34.968	25.974	0.405	-34.263	25.903	0.378	7.271	28.637	23.833	7.749	29.212	32.064	0.103	265.19	2.637	0.103	225.385	2.831	0.103	0.115	0.0	0.103	0.114	0.0
28	2012	2013	SN	1	-34.96	25.247	0.145	-33.908	24.87	0.434	6.816	28.98	36.623	6.884	29.451	44.557	0.103	264.723	2.012	0.103	207.782	1.597	0.103	0.117	0.0	0.103	0.116	0.0
29	2013	2014	NS	1	-34.816	28.448	0.607	-34.914	28.524	0.577	6.567	30.503	14.488	6.012	31.711	22.401	0.103	256.115	2.3	0.103	261.837	2.037	0.103	0.118	0.0	0.102	0.12	0.0
30	2013	2014	SN	1	-34.999	24.53	0.576	-34.813	25.385	0.901	5.771	28.241	10.994	7.429	28.917	10.931	0.103	267.062	2.163	0.103	255.886	1.546	0.103	0.121	0.0	0.103	0.115	0.0
31	2014	2015	NS	1	-34.933	28.73	0.437	-34.553	27.687	0.51	8.707	31.527	10.043	6.926	30.56	19.737	0.103	262.97	4.067	0.103	241.008	4.738	0.103	0.112	0.0	0.103	0.116	0.0
32	2014	2015	SN	1	-34.536	25.602	1.64	-34.747	26.353	2.134	-22.615	28.105	9.434	-33.184	29.734	9.975	0.103	240.072	2.311	0.103	251.972	1.953	0.103	15.499	0.033	0.103	175.89	0.067
33	2015	2016	NS	1	-34.631	26.723	0.07	-34.654	27.217	0.081	-3.892	28.827	5.68	-3.377	29.565	12.602	0.103	245.38	2.684	0.103	246.678	3.154	0.103	0.294	0.0	0.103	0.271	0.0

Parameter Specifications	Parameters	SNR	Kp
	Min	-65.0	0.0
	Max	22.0	1.0

- Normal
- Deviations
- Alarming
- High Errors

34	2015	2016	SN	1	-34.894	25.684	1.41	-34.475	26.819	1.669	3.311	28.033	7.915	5.488	32.263	4.416	0.103	260.661	4.22	0.103	236.681	3.662	0.103	0.135	0.0	0.102	0.122	0.0
35	2016	2017	SN	1	-34.685	26.027	0.031	-34.872	25.69	0.055	6.841	26.985	13.732	7.291	27.081	8.542	0.103	248.398	1.904	0.103	259.35	1.544	0.103	0.117	0.0	0.103	0.115	0.0
36	2016	2017	NS	1	-34.982	26.635	0.211	-34.863	27.045	0.276	-4.189	28.004	7.837	-8.366	28.982	13.752	0.103	266.061	7.541	0.103	258.781	7.717	0.103	0.308	0.0	0.103	0.663	0.0
37	2017	2018	SN	1	-34.139	24.856	0.04	-34.281	26.632	0.052	6.454	27.238	16.856	7.287	27.693	16.587	0.103	219.093	3.119	0.103	226.425	2.502	0.103	0.118	0.0	0.103	0.115	0.0
38	2017	2018	NS	1	-34.99	25.762	0.228	-34.405	25.66	0.255	-23.737	28.533	4.261	-31.203	29.07	8.066	0.103	266.453	4.231	0.103	232.963	3.992	0.103	20.044	0.032	0.103	111.454	0.016
39	2018	2019	NS	1	-34.393	24.916	0.192	-34.823	24.067	0.279	-15.671	28.346	6.241	-19.415	29.231	11.048	0.103	232.267	5.086	0.103	256.47	5.034	0.103	3.197	0.007	0.103	7.766	0.009
40	2018	2019	SN	1	-34.872	26.917	0.008	-34.977	26.57	0.024	5.958	27.747	16.423	7.636	28.365	20.503	0.103	259.399	2.209	0.103	265.76	1.924	0.103	0.12	0.0	0.103	0.114	0.0
41	2019	2020	NS	1	-34.767	25.616	1.556	-34.642	25.71	1.857	-10.269	29.228	8.713	-6.796	30.212	13.389	0.103	253.193	1.193	0.103	246.008	0.921	0.103	0.981	0.0	0.103	0.488	0.0
42	2019	2020	SN	1	-34.838	22.837	0.004	-34.281	24.039	0.006	6.32	27.701	12.609	7.663	28.245	12.138	0.103	257.343	5.573	0.103	226.352	4.149	0.103	0.118	0.0	0.103	0.114	0.0
43	2020	2021	SN	1	-34.212	24.676	0.224	-33.721	25.413	0.303	6.495	29.887	9.158	7.103	31.66	9.615	0.103	222.801	0.925	0.103	199.037	0.594	0.103	0.118	0.0	0.102	0.116	0.0
44	2020	2021	NS	1	-33.99	26.42	1.292	-34.705	27.105	1.673	7.246	28.818	12.231	7.05	28.742	20.502	0.103	211.732	2.145	0.103	249.59	1.812	0.103	0.115	0.0	0.103	0.116	0.0
45	2021	2022	NS	1	-34.222	26.507	0.115	-33.738	25.976	0.216	2.149	29.395	13.575	4.601	29.814	22.728	0.103	223.348	2.218	0.103	199.761	2.709	0.103	0.146	0.0	0.103	0.127	0.0
46	2021	2022	SN	1	-34.787	25.201	0.66	-34.841	25.699	0.799	-6.267	28.53	11.522	-6.26	30.274	10.974	0.103	254.341	7.651	0.103	257.544	6.733	0.103	0.442	0.0	0.103	0.442	0.0
47	2022	2023	SN	1	-34.233	27.6	0.383	-34.591	27.806	0.53	-15.42	29.263	14.52	-2.015	29.987	12.407	0.103	223.943	3.762	0.103	243.136	2.946	0.103	3.022	0.003	0.103	0.224	0.0
48	2022	2023	NS	1	-34.515	24.625	0.103	-34.892	27.218	0.149	-4.851	32.278	20.176	-5.052	30.81	33.395	0.103	238.935	3.214	0.103	260.543	3.145	0.102	0.344	0.0	0.103	0.356	0.0
49	2023	2024	NS	1	-34.7	23.846	0.082	-34.765	23.501	0.041	6.314	32.961	14.406	6.298	29.271	22.963	0.103	249.348	4.399	0.103	253.087	4.627	0.102	0.119	0.0	0.103	0.119	0.0
50	2023	2024	SN	1	-34.69	27.622	0.251	-34.985	27.972	0.379	-9.766	28.99	15.886	-7.336	29.579	15.274	0.103	248.73	5.744	0.103	266.211	4.674	0.103	0.883	0.0	0.103	0.541	0.0
51	2024	2025	SN	2	-32.872	25.353	0.172	-34.4	25.0	0.479	-25.005	29.483	12.847	-17.413	29.339	10.299	0.103	163.669	2.709	0.103	232.69	1.907	0.103	26.821	0.009	0.103	4.735	0.009
52	2024	2025	NS	1	-34.663	24.548	0.195	-34.928	24.625	0.394	9.335	28.498	21.974	9.643	29.155	30.21	0.103	247.24	2.496	0.103	262.736	2.867	0.103	0.11	0.0	0.103	0.11	0.0
53	2025	2026	NS	1	-34.789	24.29	0.159	-34.561	25.484	0.26	12.124	28.638	27.939	12.505	29.065	35.12	0.103	254.438	1.34	0.103	241.466	1.241	0.103	0.107	0.0	0.103	0.106	0.0
54	2025	2026	SN	1	-34.929	27.18	0.301	-34.649	27.073	0.883	-4.245	29.271	15.088	-4.687	29.546	15.203	0.103	262.796	6.39	0.103	246.395	6.602	0.103	0.311	0.0	0.103	0.335	0.0
55	2026	2027	NS	1	-34.697	26.131	0.343	-34.012	26.658	0.331	6.227	28.313	27.417	6.442	28.856	34.921	0.103	249.131	3.157	0.103	212.755	3.069	0.103	0.119	0.0	0.103	0.118	0.0
56	2026	2027	SN	1	-34.731	25.142	0.148	-34.795	25.936	0.528	2.564	29.116	36.889	1.586	29.932	44.932	0.103	251.09	3.077	0.103	254.793	2.725	0.103	0.142	0.0	0.103	0.153	0.0
57	2026	2027	SN	2	-34.731	25.142	0.148	-34.795	25.936	0.528	2.564	29.116	36.889	1.586	29.932	44.932	0.103	251.09	3.077	0.103	254.793	2.725	0.103	0.142	0.0	0.103	0.153	0.0
58	2027	2028	NS	1	-34.759	25.784	0.36	-34.506	26.807	0.293	7.384	28.648	17.122	7.653	29.789	24.708	0.103	252.72	2.077	0.103	238.389	1.894	0.103	0.115	0.0	0.103	0.114	0.0
59	2027	2028	SN	1	-34.97	23.625	0.011	-34.716	25.148	0.29	5.057	29.144	23.519	9.42	29.082	25.795	0.103	265.298	3.456	0.103	250.249	2.828	0.103	0.124	0.0	0.103	0.11	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	1999	2000	NS	1	57.579	58.268	0.0	0.003	1.974	78.148	1206.264	1276.808	9.686	-92.999	-91.998	0.0
2	1999	2000	SN	1	57.709	58.371	0.0	0.003	10.109	79.27	1233.616	1280.016	0.003	-93.334	-92.193	0.0
3	2000	2001	NS	1	57.581	58.261	0.0	0.003	1.98	73.462	1206.44	1276.872	8.587	-93.067	-91.99	0.0
4	2000	2001	SN	1	57.734	58.38	0.0	0.003	10.01	75.793	1233.72	1280.016	0.004	-93.118	-92.203	0.0
5	2001	2002	NS	1	57.571	58.269	0.0	0.003	22.441	72.511	1205.816	1277.096	8.576	-93.283	-91.974	0.0
6	2001	2002	SN	2	57.72	58.398	0.0	0.003	278.138	73.705	1232.928	1280.152	0.113	-93.113	-92.215	0.0
7	2002	2003	NS	2	57.561	58.282	0.0	0.003	22.65	74.312	1206.112	1277.064	8.366	-93.092	-92.002	0.0
8	2002	2003	SN	1	57.734	58.368	0.0	0.003	9.85	73.532	1232.688	1280.08	0.024	-93.292	-92.238	0.0
9	2003	2004	NS	1	57.582	58.279	0.0	0.003	1.974	74.256	1206.824	1277.0	8.413	-93.059	-91.983	0.0
10	2003	2004	SN	1	57.722	58.392	0.0	0.003	5.388	73.795	1233.048	1280.032	0.0	-93.133	-92.235	0.0
11	2004	2005	NS	1	57.555	58.276	0.0	0.003	1.974	76.006	1206.784	1276.96	8.882	-93.247	-92.004	0.0
12	2004	2005	SN	1	57.73	58.384	0.0	0.0	9.535	74.34	1232.816	1279.936	0.0	-93.211	-92.237	0.0
13	2005	2006	NS	2	57.566	58.28	0.0	0.003	23.009	75.389	1206.136	1276.984	9.176	-93.091	-92.023	0.0
14	2005	2006	SN	1	57.735	58.376	0.0	0.003	9.298	76.91	1233.264	1279.968	0.0	-93.135	-92.254	0.0
15	2006	2007	SN	2	57.736	58.387	0.0	0.003	9.045	77.807	1233.84	1280.272	0.411	-93.16	-92.217	0.0
16	2006	2007	NS	1	57.55	58.265	0.0	0.003	1.974	73.688	1205.864	1277.216	9.826	-93.088	-92.025	0.0
17	2007	2008	NS	1	57.545	58.285	0.0	0.003	1.974	76.863	1206.44	1277.32	9.399	-93.111	-91.971	0.0
18	2007	2008	SN	1	57.716	58.388	0.0	0.003	1.98	74.343	1233.216	1280.384	0.631	-93.115	-92.173	0.0
19	2008	2009	NS	2	57.558	58.288	0.0	0.003	1.974	76.338	1206.272	1277.296	9.181	-93.123	-91.996	0.0
20	2008	2009	SN	1	57.737	58.375	0.0	0.003	1.98	74.131	1233.184	1280.312	0.501	-93.334	-92.209	0.0
21	2009	2010	NS	1	57.549	58.287	0.0	0.003	1.974	74.805	1205.992	1277.312	9.656	-93.077	-92.028	0.0
22	2009	2010	SN	1	57.71	58.393	0.0	0.003	1.98	76.304	1233.104	1280.336	0.537	-93.232	-92.208	0.0
23	2010	2011	SN	2	57.698	58.394	0.0	0.003	1.98	76.597	1233.048	1280.448	0.808	-93.367	-92.203	0.0
24	2010	2011	NS	1	57.564	58.288	0.0	0.003	22.998	73.878	1206.208	1277.448	10.093	-93.067	-92.023	0.0
25	2011	2012	NS	1	57.544	58.284	0.0	0.003	1.974	74.173	1205.616	1277.44	10.756	-93.04	-92.007	0.0
26	2011	2012	SN	1	57.734	58.398	0.0	0.003	1.98	74.959	1232.952	1280.576	0.983	-93.371	-92.234	0.0
27	2012	2013	NS	1	57.572	58.264	0.0	0.003	248.583	74.207	1205.408	1277.664	11.099	-93.068	-92.015	0.0
28	2012	2013	SN	1	57.71	58.383	0.0	0.003	1.985	75.973	1232.776	1280.776	1.338	-93.118	-92.235	0.0
29	2013	2014	NS	1	57.576	58.264	0.0	0.003	1.98	76.441	1205.256	1277.8	11.372	-92.991	-91.979	0.0
30	2013	2014	SN	1	57.708	58.393	0.0	0.003	10.451	77.855	1233.12	1281.12	1.508	-93.32	-92.242	0.0
31	2014	2015	NS	1	57.543	58.262	0.0	0.003	1.98	77.148	1205.888	1277.648	8.914	-93.045	-92.002	0.0
32	2014	2015	SN	1	57.717	58.39	0.0	0.003	1.985	78.81	1233.128	1280.712	1.234	-93.51	-92.204	0.0
33	2015	2016	NS	1	57.577	58.288	0.0	0.003	1.98	72.584	1205.824	1277.944	8.834	-93.368	-91.964	0.0
34	2015	2016	SN	1	57.732	58.401	0.0	0.003	1.985	75.438	1233.336	1280.888	1.627	-93.298	-92.205	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

35	2016	2017	SN	1	57.72	58.392	0.0	0.003	10.148	73.526	1232.688	1280.904	1.623	-93.118	-92.237	0.0
36	2016	2017	NS	1	57.578	58.288	0.0	0.003	1.974	72.664	1206.112	1278.016	8.866	-93.146	-92.004	0.0
37	2017	2018	SN	1	57.712	58.385	0.0	0.003	5.664	73.832	1232.4	1280.784	1.376	-93.415	-92.232	0.0
38	2017	2018	NS	1	57.545	58.296	0.0	0.003	1.974	74.544	1206.664	1277.928	8.216	-93.108	-91.988	0.0
39	2018	2019	NS	1	57.555	58.281	0.0	0.003	1.974	75.697	1206.592	1277.864	9.303	-93.111	-92.001	0.0
40	2018	2019	SN	1	57.73	58.382	0.0	0.003	5.548	73.709	1232.232	1280.752	1.317	-93.257	-92.232	0.0
41	2019	2020	NS	1	57.571	58.284	0.0	0.003	1.974	75.918	1206.504	1277.752	9.411	-93.056	-92.012	0.0
42	2019	2020	SN	1	57.73	58.372	0.0	0.003	9.69	75.753	1232.824	1281.2	1.181	-93.185	-92.237	0.0
43	2020	2021	SN	1	57.7	58.373	0.0	0.0	9.436	77.283	1233.016	1281.016	1.532	-93.142	-92.23	0.0
44	2020	2021	NS	1	57.566	58.277	0.0	0.003	1.974	74.579	1206.032	1277.848	10.064	-93.068	-92.022	0.0
45	2021	2022	NS	1	57.547	58.286	0.0	0.003	1.974	75.258	1205.592	1278.032	10.262	-93.266	-92.0	0.0
46	2021	2022	SN	1	57.733	58.384	0.0	0.003	1.98	75.384	1233.432	1281.04	1.963	-93.074	-92.178	0.0
47	2022	2023	SN	1	57.731	58.374	0.0	0.003	1.98	73.58	1233.456	1281.024	1.976	-93.059	-92.188	0.0
48	2022	2023	NS	1	57.544	58.276	0.0	0.003	1.974	78.069	1205.976	1278.064	9.297	-93.073	-91.971	0.0
49	2023	2024	NS	1	57.572	58.271	0.0	0.003	1.974	75.819	1205.768	1277.968	9.838	-93.041	-91.99	0.0
50	2023	2024	SN	1	57.714	58.394	0.0	0.003	1.98	74.744	1232.856	1280.96	1.801	-93.25	-92.209	0.0
51	2024	2025	SN	2	57.708	58.401	0.0	0.003	1.98	76.597	1232.96	1281.032	2.051	-93.12	-92.211	0.0
52	2024	2025	NS	1	57.576	58.293	0.0	0.003	1.974	74.254	1205.864	1278.096	10.156	-93.079	-92.009	0.0
53	2025	2026	NS	1	57.543	58.294	0.0	0.003	1.974	73.759	1205.304	1278.136	10.51	-93.083	-92.009	0.0
54	2025	2026	SN	1	57.728	58.401	0.0	0.003	1.98	75.143	1233.064	1281.168	2.288	-93.121	-92.211	0.0
55	2026	2027	NS	1	57.569	58.277	0.0	0.003	1.974	74.893	1205.152	1278.328	11.289	-93.072	-92.008	0.0
56	2026	2027	SN	1	57.704	58.384	0.0	0.003	1.98	74.739	1232.28	1281.312	2.576	-93.121	-92.221	0.0
57	2026	2027	SN	2	57.704	58.384	0.0	0.003	1.98	74.739	1232.28	1281.312	2.576	-93.121	-92.221	0.0
58	2027	2028	NS	1	57.567	58.269	0.0	0.003	1.974	74.796	1205.0	1278.536	11.443	-93.01	-92.004	0.0
59	2027	2028	SN	1	57.707	58.402	0.0	0.003	6.249	76.841	1232.256	1281.488	2.93	-93.134	-92.227	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	1999	2000	NS	1	-32.408	21.986	0.0	-34.275	21.567	0.0	0.933	23.227	0.099	-0.102	23.345	0.17	0.08	116.403	0.758	0.08	178.912	0.748	0.08	0.126	0.0	0.08	0.139	0.0				
2	1999	2000	SN	1	-34.679	19.11	0.0	-33.563	19.363	0.0	-22.433	22.039	0.001	-10.094	22.144	0.002	0.08	196.333	2.695	0.08	151.852	1.979	0.08	11.763	0.003	0.08	0.746	0.0				
3	2000	2001	NS	1	-34.977	20.057	0.0	-34.051	21.914	0.0	-13.726	22.31	0.002	-11.438	23.136	0.047	0.08	210.276	1.754	0.08	173.895	1.753	0.08	1.638	0.002	0.08	0.993	0.0				
4	2000	2001	SN	1	-33.938	18.27	0.0	-34.945	19.669	0.0	-7.927	22.062	0.002	-9.511	22.347	0.004	0.081	165.561	3.858	0.08	208.747	3.719	0.08	0.479	0.0	0.08	0.66	0.0				
5	2001	2002	NS	1	-34.832	20.393	0.0	-34.41	21.391	0.0	-6.992	22.498	0.022	-29.766	22.75	0.043	0.08	203.365	3.569	0.08	184.565	3.72	0.08	0.399	0.0	0.08	63.385	0.068				
6	2001	2002	SN	2	-34.95	19.621	0.0	-34.837	19.185	0.0	-0.445	22.047	0.003	0.642	22.487	0.009	0.08	208.981	3.693	0.08	203.591	3.487	0.08	0.145	0.0	0.08	0.129	0.0				
7	2002	2003	NS	2	-34.86	20.345	0.0	-34.847	21.306	0.0	-16.778	21.856	0.0	-34.86	22.368	0.01	0.08	204.665	5.337	0.08	204.122	5.95	0.08	3.245	0.044	0.08	204.714	0.12				
8	2002	2003	SN	1	-34.946	19.251	0.0	-34.857	17.921	0.0	0.452	21.709	0.0	1.823	21.227	0.0	0.08	208.792	2.341	0.081	204.522	2.104	0.08	0.132	0.0	0.08	0.117	0.0				
9	2003	2004	NS	1	-34.352	18.588	0.0	-34.527	19.324	0.0	-11.421	22.198	0.003	-8.654	22.617	0.011	0.081	182.133	2.802	0.08	189.576	2.785	0.08	0.99	0.0	0.08	0.554	0.0				
10	2003	2004	SN	1	-34.94	18.292	0.0	-34.727	18.478	0.0	0.529	21.763	0.0	1.79	21.909	0.0	0.081	208.518	2.186	0.081	198.505	1.957	0.08	0.131	0.0	0.08	0.117	0.0				
11	2004	2005	NS	1	-34.943	18.982	0.0	-34.178	19.579	0.0	-17.481	21.872	0.0	-33.424	22.467	0.011	0.08	208.691	1.598	0.08	174.917	1.819	0.08	3.803	0.037	0.08	147.1	0.025				
12	2004	2005	SN	1	-34.878	16.44	0.0	-34.826	16.686	0.0	0.16	21.884	0.0	1.51	21.463	0.0	0.081	205.589	2.449	0.081	203.074	2.321	0.08	0.136	0.0	0.08	0.12	0.0				
13	2005	2006	NS	2	-34.14	19.451	0.0	-34.756	20.015	0.0	-11.581	22.22	0.021	-21.599	22.289	0.043	0.08	173.46	1.523	0.08	199.859	1.781	0.08	1.024	0.005	0.08	9.72	0.061				
14	2005	2006	SN	1	-34.903	18.622	0.0	-34.942	19.267	0.0	0.618	22.901	0.083	3.828	23.148	0.209	0.081	206.739	4.379	0.08	208.568	4.35	0.08	0.13	0.0	0.08	0.103	0.0				
15	2006	2007	SN	2	-34.606	18.524	0.0	-34.832	19.004	0.0	-15.731	23.529	0.097	-8.044	23.386	0.385	0.081	193.074	2.698	0.08	203.385	2.484	0.08	2.563	0.001	0.08	0.49	0.0				
16	2006	2007	NS	1	-34.088	19.239	0.0	-34.612	19.841	0.0	2.035	22.741	0.058	1.459	22.877	0.209	0.08	171.352	1.651	0.08	197.864	1.546	0.08	0.115	0.0	0.08	0.12	0.0				
17	2007	2008	NS	1	-34.699	18.773	0.0	-34.297	18.806	0.0	1.066	23.213	0.28	1.898	23.796	0.932	0.08	197.275	1.172	0.08	179.818	1.282	0.08	0.125	0.0	0.08	0.116	0.0				
18	2007	2008	SN	1	-34.724	18.977	0.0	-34.137	19.703	0.0	-28.686	23.27	0.037	-10.099	23.625	0.261	0.08	198.339	2.526	0.08	173.301	2.046	0.08	49.433	0.079	0.08	0.747	0.0				
19	2008	2009	NS	2	-34.994	17.717	0.0	-34.759	18.626	0.0	-23.576	22.805	0.208	-21.693	23.818	0.763	0.081	211.087	3.372	0.08	200.009	3.344	0.08	15.285	0.05	0.08	9.932	0.023				
20	2008	2009	SN	1	-34.83	19.381	0.0	-34.798	19.913	0.0	-5.544	22.814	0.067	-2.95	23.632	0.218	0.08	203.309	4.212	0.08	201.814	3.517	0.08	0.305	0.0	0.08	0.2	0.0				
21	2009	2010	NS	1	-34.195	18.144	0.0	-34.789	17.42	0.0	0.143	22.996	0.101	0.014	23.467	0.396	0.081	175.622	2.571	0.081	201.386	2.755	0.08	0.136	0.0	0.08	0.138	0.0				
22	2009	2010	SN	1	-34.73	16.815	0.0	-34.422	18.195	0.0	-26.293	23.058	0.051	-28.967	23.714	0.194	0.081	198.666	3.715	0.081	185.075	3.349	0.08	28.522	0.09	0.08	52.752	0.099				
23	2010	2011	SN	2	-34.544	19.639	0.0	-34.683	20.312	0.0	-23.663	22.715	0.046	-29.636	23.309	0.172	0.08	194.832	3.797	0.08	196.515	3.318	0.08	15.593	0.025	0.08	61.506	0.044				
24	2010	2011	NS	1	-33.519	17.997	0.0	-34.713	18.631	0.0	6.046	22.958	0.204	5.975	23.273	0.435	0.081	150.331	2.0	0.08	197.874	1.945	0.08	0.093	0.0	0.08	0.093	0.0				
25	2011	2012	NS	1	-33.808	19.783	0.0	-34.56	19.259	0.0	2.738	22.961	0.207	2.712	23.951	0.559	0.08	160.678	1.803	0.08	191.019	1.616	0.08	0.11	0.0	0.08	0.11	0.0				
26	2011	2012	SN	1	-34.445	20.164	0.0	-34.864	21.581	0.0	-24.088	23.017	0.311	-34.195	23.139	0.621	0.08	186.045	2.314	0.08	204.934	2.224	0.08	17.194	0.055	0.08	175.61	0.06				
27	2012	2013	NS	1	-34.724	18.959	0.0	-34.94	19.885	0.0	1.968	22.795	0.163	2.27	23.317	0.565	0.08	198.336	2.323	0.08	208.5	2.605	0.08	0.116	0.0	0.08	0.113	0.0				
28	2012	2013	SN	1	-34.795	18.717	0.0	-34.504	19.062	0.0	2.033	22.789	0.334	1.354	23.642	1.158	0.08	201.655	2.178	0.08	188.601	1.928	0.08	0.115	0.0	0.08	0.122	0.0				
29	2013	2014	NS	1	-34.218	21.142	0.0	-34.937	21.34	0.0	2.341	23.29	0.25	0.536	23.556	0.554	0.08	176.593	1.715	0.08	208.377	1.573	0.08	0.113	0.0	0.08	0.131	0.0				
30	2013	2014	SN	1	-34.919	19.276	0.0	-34.622	19.165	0.0	1.902	22.723	0.083	3.107	23.051	0.181	0.08	207.45	2.581	0.08	193.765	1.881	0.08	0.116	0.0	0.08	0.107	0.0				
31	2014	2015	NS	1	-34.773	20.78	0.0	-34.45	21.369	0.0	1.753	22.678	0.011	0.701	22.953	0.057	0.08	200.631	3.301	0.08	186.241	3.718	0.08	0.118	0.0	0.08	0.129	0.0				
32	2014	2015	SN	1	-34.977	19.451	0.0	-34.942	19.969	0.0	-24.453	22.22	0.006	-29.325	22.156	0.004	0.08	210.287	2.433	0.08	208.574	2.066	0.08	18.696	0.026	0.08	57.257	0.028				

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

33	2015	2016	NS	1	-34.487	20.962	0.0	-34.741	20.923	0.0	-16.322	22.61	0.005	-7.079	23.003	0.031	0.08	187.863	2.431	0.08	199.171	2.734	0.08	2.927	0.002	0.08	0.406	0.0
34	2015	2016	SN	1	-34.635	18.538	0.0	-34.719	19.847	0.0	1.586	21.923	0.0	-0.065	21.872	0.0	0.081	194.349	3.419	0.08	198.126	3.254	0.08	0.119	0.0	0.08	0.139	0.0
35	2016	2017	SN	1	-34.939	19.734	0.0	-34.925	18.221	0.0	1.441	21.975	0.0	0.941	20.724	0.0	0.08	208.445	1.85	0.081	207.759	1.684	0.08	0.121	0.0	0.08	0.126	0.0
36	2016	2017	NS	1	-34.846	20.509	0.0	-34.95	21.53	0.0	-11.65	21.556	0.0	-30.508	22.18	0.003	0.08	204.01	6.042	0.08	208.974	6.289	0.08	1.04	0.002	0.08	75.18	0.03
37	2017	2018	SN	1	-34.54	17.769	0.0	-34.844	18.374	0.0	0.698	21.816	0.0	2.168	22.045	0.009	0.081	190.131	3.096	0.081	203.94	2.636	0.08	0.129	0.0	0.08	0.114	0.0
38	2017	2018	NS	1	-34.993	20.685	0.0	-34.676	20.937	0.0	-22.532	21.997	0.0	-20.788	22.271	0.008	0.08	211.075	4.355	0.08	196.184	4.408	0.08	12.035	0.088	0.08	8.073	0.052
39	2018	2019	NS	1	-34.807	18.903	0.0	-34.892	18.892	0.0	-23.127	21.982	0.0	-30.794	22.336	0.007	0.08	202.241	3.466	0.08	206.215	4.155	0.08	13.794	0.063	0.08	80.29	0.045
40	2018	2019	SN	1	-34.673	16.665	0.0	-34.572	19.443	0.0	0.584	21.858	0.0	1.854	22.105	0.015	0.081	196.066	2.31	0.08	191.593	2.074	0.08	0.13	0.0	0.08	0.117	0.0
41	2019	2020	NS	1	-34.868	19.935	0.0	-34.968	19.653	0.0	-21.839	22.059	0.003	-15.776	22.761	0.026	0.08	205.027	1.284	0.08	209.847	1.261	0.08	10.268	0.065	0.08	2.588	0.011
42	2019	2020	SN	1	-34.951	17.274	0.0	-34.976	16.412	0.0	0.409	22.919	0.037	4.002	22.857	0.047	0.081	209.054	4.803	0.081	210.259	4.196	0.08	0.132	0.0	0.08	0.102	0.0
43	2020	2021	SN	1	-34.991	18.657	0.0	-34.895	18.739	0.0	1.243	22.949	0.107	0.91	23.366	0.347	0.08	210.962	0.699	0.08	206.397	0.496	0.08	0.123	0.0	0.08	0.126	0.0
44	2020	2021	NS	1	-34.937	19.994	0.0	-34.292	20.302	0.0	2.657	22.902	0.269	1.527	23.02	0.324	0.08	208.396	2.329	0.08	179.593	2.137	0.08	0.11	0.0	0.08	0.12	0.0
45	2021	2022	NS	1	-34.977	18.753	0.0	-34.649	18.057	0.0	1.634	22.93	0.228	1.928	23.457	0.674	0.08	210.319	2.042	0.081	195.018	2.631	0.08	0.119	0.0	0.08	0.116	0.0
46	2021	2022	SN	1	-34.804	19.222	0.0	-34.708	18.931	0.0	-18.588	23.137	0.049	-11.553	23.396	0.297	0.08	202.061	5.718	0.08	197.692	5.138	0.08	4.891	0.001	0.08	1.018	0.002
47	2022	2023	SN	1	-34.988	20.614	0.0	-34.827	21.754	0.0	-29.948	22.286	0.027	-7.009	23.547	0.227	0.08	210.816	3.203	0.08	203.122	2.593	0.08	66.088	0.03	0.08	0.4	0.0
48	2022	2023	NS	1	-33.936	17.848	0.0	-34.351	19.952	0.0	-8.435	23.151	0.295	-2.743	23.451	1.03	0.081	165.504	2.651	0.08	182.053	2.865	0.08	0.53	0.0	0.08	0.194	0.0
49	2023	2024	NS	1	-34.549	18.297	0.0	-34.872	17.183	0.0	1.239	22.955	0.105	1.699	23.317	0.485	0.081	190.576	3.789	0.081	210.108	3.863	0.08	0.123	0.0	0.08	0.118	0.0
50	2023	2024	SN	1	-34.476	20.622	0.0	-34.95	21.867	0.0	-31.244	22.627	0.061	-34.176	23.578	0.291	0.08	187.412	4.413	0.08	208.985	4.109	0.08	89.069	0.121	0.08	174.904	0.046
51	2024	2025	SN	2	-33.675	20.424	0.0	-34.784	21.036	0.0	-24.385	23.024	0.039	-12.998	23.167	0.197	0.08	155.813	3.15	0.08	201.11	2.392	0.08	18.407	0.011	0.08	1.395	0.003
52	2024	2025	NS	1	-34.98	18.094	0.0	-34.705	17.684	0.0	2.335	23.128	0.2	1.933	23.725	0.451	0.081	210.441	2.393	0.081	197.548	2.796	0.08	0.113	0.0	0.08	0.116	0.0
53	2025	2026	NS	1	-34.733	18.442	0.0	-34.617	18.496	0.0	5.579	22.894	0.26	5.868	23.255	0.492	0.081	198.768	1.895	0.081	193.529	1.814	0.08	0.095	0.0	0.08	0.094	0.0
54	2025	2026	SN	1	-34.476	20.291	0.0	-34.809	20.958	0.0	-14.009	22.619	0.085	-12.685	23.371	0.254	0.08	187.375	5.803	0.08	202.27	5.718	0.08	1.744	0.003	0.08	1.302	0.003
55	2026	2027	NS	1	-34.922	19.737	0.0	-34.908	19.802	0.0	0.789	22.583	0.179	1.204	23.074	0.542	0.08	207.59	3.446	0.08	206.953	3.485	0.08	0.128	0.0	0.08	0.123	0.0
56	2026	2027	SN	1	-34.614	20.325	0.0	-34.917	20.78	0.0	-6.07	23.035	0.274	-7.741	23.53	0.862	0.08	193.435	3.127	0.08	207.363	2.872	0.08	0.336	0.0	0.08	0.461	0.0
57	2026	2027	SN	2	-34.614	20.325	0.0	-34.917	20.78	0.0	-6.07	23.035	0.274	-7.741	23.53	0.862	0.08	193.435	3.127	0.08	207.363	2.872	0.08	0.336	0.0	0.08	0.461	0.0
58	2027	2028	NS	1	-34.843	20.643	0.0	-34.512	20.967	0.0	2.24	22.709	0.229	2.242	23.334	0.622	0.08	203.885	1.826	0.08	188.956	1.877	0.08	0.113	0.0	0.08	0.113	0.0
59	2027	2028	SN	1	-34.592	17.843	0.0	-34.835	18.123	0.0	2.14	23.133	0.168	3.764	23.645	0.631	0.081	192.476	3.656	0.081	203.554	3.302	0.08	0.114	0.0	0.08	0.103	0.0

Parameter Specifications	Parameters	SNR	Kp
	Min	-65.0	0.0
	Max	22.0	1.0

 Normal	 Deviations
 Alarming	 High Errors