

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

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





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	578	579	SN	1	48.944	49.381	0.0	0.003	1.291	0.387	1040.52	1096.248	1.965	-91.231	-90.127	0.0
2	579	580	SN	1	48.98	49.38	0.0	0.003	1.291	0.391	1040.712	1096.104	1.371	-91.299	-90.129	0.0
3	579	580	NS	1	48.92	49.288	0.0	0.003	1.291	0.393	1031.168	1081.928	0.0	-91.351	-90.035	0.0
4	580	581	SN	1	48.985	49.389	0.0	0.003	1.291	0.371	1041.08	1096.208	1.773	-91.435	-90.125	0.0
5	580	581	NS	1	48.921	49.286	0.0	0.003	1.291	0.365	1031.472	1081.72	0.0	-91.198	-90.037	0.0
6	581	582	NS	1	48.923	49.291	0.0	0.003	1.291	0.363	1031.624	1081.968	0.0	-91.203	-90.039	0.0
7	581	582	SN	1	48.972	49.404	0.0	0.003	1.291	0.362	1040.12	1096.32	2.124	-91.644	-90.125	0.0
8	582	583	NS	1	48.913	49.323	0.0	0.003	1.291	0.372	1031.296	1087.232	0.0	-91.132	-90.039	0.0
9	582	583	SN	1	48.985	49.381	0.0	0.003	1.291	0.365	1040.472	1096.36	1.965	-91.414	-90.125	0.0
10	583	584	SN	1	48.973	49.366	0.0	0.003	1.291	0.365	1040.008	1087.368	0.0	-91.224	-90.136	0.0
11	583	584	NS	1	48.923	49.378	0.0	0.003	1.291	0.371	1031.768	1095.704	0.003	-91.039	-90.039	0.0
12	584	585	NS	1	48.938	49.378	0.0	0.003	1.291	0.374	1031.808	1095.624	0.0	-91.695	-90.04	0.0
13	585	586	SN	1	48.979	49.39	0.0	0.003	1.291	0.375	1040.432	1096.088	1.344	-91.414	-90.14	0.0
14	585	586	NS	1	48.912	49.378	0.0	0.003	1.291	0.37	1031.176	1095.6	0.0	-91.106	-90.053	0.0
15	586	587	NS	1	48.912	49.379	0.0	0.003	1.291	0.372	1031.008	1095.824	0.085	-91.182	-90.05	0.0
16	586	587	SN	2	48.977	49.39	0.0	0.003	1.291	0.378	1040.672	1096.352	2.035	-91.433	-90.138	0.0
17	587	588	NS	1	48.91	49.379	0.0	0.003	1.291	0.383	1030.888	1095.824	0.062	-91.186	-90.038	0.0
18	588	589	NS	1	48.931	49.378	0.0	0.003	1.291	0.378	1031.768	1095.776	0.026	-91.635	-90.04	0.0
19	589	590	NS	1	48.917	49.378	0.0	0.003	1.291	0.377	1031.672	1095.744	0.013	-91.348	-90.039	0.0
20	589	590	SN	1	48.973	49.39	0.0	0.003	249.907	0.378	1040.544	1096.256	1.966	-91.425	-90.137	0.0
21	590	591	SN	1	48.986	49.382	0.0	0.003	1.291	0.375	1040.568	1096.304	2.201	-91.56	-90.136	0.0
22	590	591	NS	1	48.915	49.376	0.0	0.003	1.291	0.371	1031.216	1095.352	0.0	-91.408	-90.039	0.0
23	591	592	NS	1	48.918	49.38	0.0	0.003	1.291	0.373	1031.128	1094.24	0.0	-91.304	-90.041	0.0
24	591	592	SN	2	48.968	49.382	0.0	0.003	1.291	0.372	1040.408	1096.376	2.364	-91.203	-90.121	0.0
25	591	592	SN	1	48.968	49.382	0.0	0.003	1.291	0.372	1040.408	1096.376	2.364	-91.203	-90.121	0.0
26	591	592	NS	1	48.918	49.38	0.0	0.003	1.291	0.372	1031.128	1095.944	0.193	-91.304	-90.041	0.0
27	592	593	SN	1	48.968	49.383	0.0	0.003	1.291	0.376	1039.776	1096.52	2.789	-91.225	-90.122	0.0
28	592	593	NS	1	48.92	49.359	0.0	0.003	1.291	0.37	1031.456	1091.648	0.0	-91.809	-90.037	0.0
29	592	593	NS	2	48.92	49.359	0.0	0.003	1.291	0.37	1031.456	1091.648	0.0	-91.809	-90.037	0.0
30	593	594	SN	1	48.974	49.383	0.0	0.008	1.291	0.388	1040.424	1096.504	2.867	-91.221	-90.124	0.0
31	593	594	NS	1	48.919	49.343	0.0	0.003	1.291	0.38	1031.488	1085.48	0.0	-91.35	-90.051	0.0
32	594	595	SN	1	48.966	49.382	0.0	0.003	1.291	0.381	1040.008	1096.392	2.453	-91.269	-90.121	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	594	595	NS	1	48.913	49.286	0.0	0.003	1.291	0.374	1031.672	1081.688	0.0	-91.095	-90.039	0.0
34	595	596	SN	1	48.964	49.416	0.0	0.003	1.291	0.365	1039.664	1096.584	2.879	-91.311	-90.118	0.0
35	595	596	NS	1	48.937	49.315	0.0	0.003	1.291	0.361	1031.912	1080.104	0.0	-91.246	-90.04	0.0
36	596	597	NS	1	48.919	49.3	0.0	0.003	1.291	0.364	1031.688	1083.856	0.0	-91.73	-90.042	0.0
37	596	597	SN	1	48.965	49.383	0.0	0.003	1.291	0.365	1039.392	1096.576	2.78	-91.306	-90.116	0.0
38	597	598	SN	1	48.967	49.382	0.0	0.003	238.811	0.366	1039.608	1096.448	2.473	-91.223	-90.136	0.0
39	597	598	NS	1	48.925	49.38	0.0	0.003	1.291	0.371	1031.872	1096.032	0.401	-91.147	-90.044	0.0
40	598	599	NS	1	48.939	49.38	0.0	0.003	242.484	0.378	1032.16	1095.976	0.341	-91.237	-90.043	0.0
41	599	600	NS	1	48.929	49.379	0.0	0.003	251.263	0.376	1032.128	1095.888	0.178	-91.184	-90.059	0.0
42	599	600	SN	1	48.972	49.383	0.0	0.003	1.291	0.372	1040.056	1096.288	2.059	-91.435	-90.134	0.0
43	600	601	SN	1	48.971	49.382	0.0	0.003	1.291	0.38	1039.952	1096.368	2.368	-91.399	-90.132	0.0
44	600	601	NS	1	48.922	49.384	0.0	0.003	1.291	0.367	1031.488	1095.952	0.239	-91.37	-90.056	0.0
45	601	602	NS	1	48.935	49.38	0.0	0.003	1.291	0.374	1031.968	1096.096	0.441	-91.369	-90.041	0.0
46	602	603	NS	1	48.928	49.38	0.0	0.003	1.291	0.382	1032.144	1096.024	0.328	-92.514	-91.048	0.0
47	603	604	NS	1	48.918	49.379	0.0	0.003	1.291	0.376	1032.144	1095.904	0.194	-91.268	-90.045	0.0
48	604	605	NS	1	48.919	49.379	0.0	0.003	1.291	0.375	1031.928	1095.792	0.034	-91.28	-90.043	0.0
49	604	605	SN	1	48.99	49.382	0.0	0.003	1.291	0.376	1040.056	1096.384	2.395	-91.398	-90.123	0.0
50	605	606	NS	1	48.913	49.375	0.0	0.003	1.291	0.371	1031.24	1095.128	0.0	-91.404	-90.041	0.0
51	605	606	SN	1	49.009	49.382	0.0	0.003	1.291	0.373	1039.992	1096.4	2.526	-91.217	-90.117	0.0
52	606	607	SN	1	48.963	49.383	0.0	0.003	1.291	0.368	1039.488	1096.496	2.766	-91.279	-90.115	0.0
53	606	607	NS	1	48.922	49.364	0.0	0.003	1.291	0.371	1031.792	1093.528	0.0	-91.163	-90.041	0.0
54	607	608	NS	1	48.918	49.339	0.0	0.003	1.291	0.373	1031.872	1089.632	0.0	-91.37	-90.043	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

34	595	596	SN	1	-33.822	27.135	1.577	-34.99	27.905	2.2	-10.592	32.575	16.488	-6.867	30.594	11.021	0.103	203.641	1.765	0.103	266.494	1.673	0.102	1.05	0.002	0.103	0.495	0.0
35	595	596	NS	1	-33.559	23.789	0.264	-34.493	24.086	0.407	-4.676	29.39	16.279	-3.496	32.835	21.837	0.103	191.739	1.551	0.103	237.668	1.284	0.103	0.334	0.0	0.102	0.276	0.0
36	596	597	NS	1	-34.809	23.767	0.184	-34.546	22.452	0.003	-4.443	28.983	10.917	0.958	28.816	15.688	0.103	255.596	2.111	0.103	240.578	1.803	0.103	0.321	0.0	0.103	0.161	0.0
37	596	597	SN	1	-34.062	25.507	0.668	-34.439	25.394	1.178	7.936	28.629	22.463	8.823	29.106	13.526	0.103	215.238	2.051	0.103	234.735	2.13	0.103	0.113	0.0	0.103	0.111	0.0
38	597	598	SN	1	-34.674	24.016	0.134	-34.974	24.772	0.478	7.622	30.134	25.678	8.812	29.87	23.879	0.103	247.798	1.389	0.103	265.59	1.065	0.103	0.114	0.0	0.103	0.111	0.0
39	597	598	NS	1	-32.193	24.545	1.123	-30.975	25.405	1.496	-63.233	35.68	11.358	-4.877	33.62	18.788	0.103	140.009	0.914	0.103	105.802	0.841	0.102	2.056	0.001	0.102	0.346	0.0
40	598	599	NS	1	-33.908	24.746	0.498	-33.308	24.534	0.385	-3.355	31.07	20.959	-4.585	29.319	28.703	0.103	207.768	1.189	0.103	180.931	1.129	0.103	0.271	0.0	0.103	0.329	0.0
41	599	600	NS	1	-34.793	25.408	1.264	-34.355	25.583	1.275	-8.592	30.198	21.382	-4.761	33.069	29.075	0.103	254.738	2.533	0.103	230.254	2.411	0.103	0.694	0.0	0.102	0.339	0.0
42	599	600	SN	1	-34.67	24.84	0.886	-34.946	25.224	1.67	6.942	31.064	18.61	9.477	32.272	21.693	0.103	247.548	4.22	0.103	263.841	3.563	0.103	0.116	0.0	0.102	0.11	0.0
43	600	601	SN	1	-34.1	25.141	1.044	-34.437	25.934	2.796	0.554	34.661	17.006	2.536	34.899	18.721	0.103	217.172	4.052	0.103	234.648	3.592	0.102	0.167	0.0	0.102	0.142	0.0
44	600	601	NS	1	-33.511	27.724	2.209	-33.319	27.995	2.376	7.913	30.439	21.566	8.671	30.841	31.701	0.103	189.583	0.807	0.103	181.416	0.743	0.103	0.113	0.0	0.103	0.112	0.0
45	601	602	NS	1	-32.903	27.452	2.996	-33.966	28.374	2.658	0.59	31.386	44.303	5.39	32.758	53.513	0.103	164.845	1.365	0.103	210.536	1.242	0.103	0.167	0.0	0.102	0.122	0.0
46	602	603	NS	1	-34.786	26.462	2.397	-33.271	26.633	1.17	-19.617	31.573	27.212	-14.226	32.67	42.216	0.103	254.267	1.591	0.103	179.41	1.652	0.102	7.812	0.04	0.102	2.315	0.008
47	603	604	NS	1	-33.84	26.763	3.228	-34.47	25.108	1.294	-2.105	33.573	17.059	3.422	31.377	27.292	0.103	204.551	1.703	0.103	236.416	1.732	0.102	0.226	0.0	0.103	0.135	0.0
48	604	605	NS	1	-33.347	27.178	4.632	-34.954	25.62	3.335	-5.713	30.58	24.885	-3.697	30.88	34.564	0.103	182.612	0.992	0.103	264.306	0.762	0.103	0.4	0.0	0.103	0.285	0.0
49	604	605	SN	1	-34.753	26.568	2.189	-34.73	27.849	6.134	-27.72	30.589	27.812	-23.497	32.238	27.978	0.103	252.342	2.731	0.103	250.975	2.697	0.103	50.035	0.038	0.102	18.971	0.033
50	605	606	NS	1	-34.64	25.826	3.357	-34.885	25.831	1.932	-9.484	30.803	23.158	-10.293	30.328	42.287	0.103	245.844	1.435	0.103	260.103	1.443	0.103	0.832	0.0	0.103	0.986	0.0
51	605	606	SN	1	-34.365	27.456	1.881	-33.876	27.495	5.582	-3.555	30.577	34.709	-4.184	31.567	34.963	0.103	230.758	0.524	0.103	206.193	0.704	0.103	0.279	0.0	0.102	0.308	0.0
52	606	607	SN	1	-34.591	25.809	0.681	-34.789	26.341	2.727	8.158	31.627	66.104	9.629	31.746	76.955	0.103	243.058	1.553	0.103	254.467	1.733	0.102	0.113	0.0	0.102	0.11	0.0
53	606	607	NS	1	-33.786	25.999	2.088	-34.311	25.448	0.13	9.703	29.724	17.67	8.906	30.249	29.645	0.103	201.981	1.584	0.103	227.96	1.632	0.103	0.11	0.0	0.103	0.111	0.0
54	607	608	NS	1	-34.953	24.901	2.107	-34.854	23.14	0.028	5.347	29.209	12.407	4.709	27.924	13.366	0.103	264.201	2.773	0.103	258.287	2.441	0.103	0.123	0.0	0.103	0.126	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	578	579	SN	1	57.735	58.26	0.0	0.003	1.291	0.383	1219.136	1288.528	15.29	-93.051	-92.063	0.0
2	579	580	SN	1	57.741	58.259	0.0	0.003	1.291	0.393	1219.64	1288.352	14.765	-92.962	-92.066	0.0
3	579	580	NS	1	57.665	58.145	0.0	0.003	1.291	0.394	1207.904	1271.896	5.386	-92.988	-91.971	0.0
4	580	581	SN	1	57.739	58.272	0.0	0.003	1.291	0.372	1219.64	1288.472	14.159	-93.106	-92.063	0.0
5	580	581	NS	1	57.667	58.139	0.0	0.003	1.291	0.366	1208.128	1271.656	4.534	-92.831	-91.974	0.0
6	581	582	NS	1	57.661	58.142	0.0	0.003	1.291	0.362	1208.16	1271.96	4.182	-92.979	-91.974	0.0
7	581	582	SN	1	57.731	58.261	0.0	0.003	1.291	0.363	1218.488	1288.608	13.958	-93.197	-92.06	0.0
8	582	583	NS	1	57.658	58.186	0.0	0.003	1.291	0.377	1207.904	1278.184	3.481	-92.986	-91.976	0.0
9	582	583	SN	1	57.736	58.26	0.0	0.003	340.689	0.366	1218.992	1288.752	14.008	-93.082	-92.06	0.0
10	583	584	SN	1	57.736	58.203	0.0	0.003	304.263	0.368	1218.456	1278.44	0.0	-93.046	-92.07	0.0
11	583	584	NS	1	57.68	58.255	0.0	0.003	1.291	0.374	1208.448	1287.632	13.161	-92.843	-91.975	0.0
12	584	585	NS	1	57.67	58.254	0.0	0.003	1.291	0.377	1208.512	1287.52	12.603	-92.94	-91.976	0.0
13	585	586	SN	1	57.739	58.259	0.0	0.003	1.291	0.384	1218.672	1288.328	14.556	-93.112	-92.073	0.0
14	585	586	NS	1	57.657	58.254	0.0	0.003	1.291	0.377	1207.952	1287.488	12.331	-93.083	-91.988	0.0
15	586	587	NS	1	57.659	58.255	0.0	0.003	1.291	0.371	1207.528	1287.784	13.162	-92.981	-91.986	0.0
16	586	587	SN	2	57.738	58.261	0.0	0.003	1.291	0.386	1219.4	1288.568	14.854	-93.265	-92.073	0.0
17	587	588	NS	1	57.659	58.256	0.0	0.003	1.291	0.381	1207.688	1287.768	13.476	-92.954	-91.975	0.0
18	588	589	NS	1	57.667	58.255	0.0	0.003	1.291	0.382	1208.472	1287.72	12.749	-93.412	-91.976	0.0
19	589	590	NS	1	57.662	58.255	0.0	0.003	1.291	0.374	1208.496	1287.672	12.846	-93.083	-91.976	0.0
20	589	590	SN	1	57.735	58.26	0.0	0.003	1.291	0.379	1218.848	1288.528	14.792	-93.053	-92.072	0.0
21	590	591	SN	1	57.734	58.261	0.0	0.008	1.291	0.381	1219.024	1288.576	14.84	-92.986	-92.07	0.0
22	590	591	NS	1	57.664	58.252	0.0	0.003	1.291	0.369	1208.168	1287.248	11.13	-93.233	-91.975	0.0
23	591	592	NS	1	57.66	58.244	0.0	0.003	1.291	0.372	1207.944	1286.08	8.538	-93.08	-91.976	0.0
24	591	592	SN	2	57.738	58.261	0.0	0.003	212.532	0.371	1218.48	1288.656	14.793	-92.982	-92.059	0.0
25	591	592	SN	1	57.738	58.261	0.0	0.003	212.532	0.371	1218.48	1288.656	14.793	-92.982	-92.059	0.0
26	591	592	NS	1	57.66	58.257	0.0	0.003	1.291	0.371	1207.944	1287.928	14.011	-93.08	-91.976	0.0
27	592	593	SN	1	57.729	58.262	0.0	0.003	1.291	0.374	1218.256	1288.832	14.978	-92.938	-92.059	0.0
28	592	593	NS	1	57.673	58.223	0.0	0.003	1.291	0.374	1208.088	1283.28	5.701	-93.012	-91.973	0.0
29	592	593	NS	2	57.673	58.223	0.0	0.003	1.291	0.374	1208.088	1283.28	5.701	-93.012	-91.973	0.0
30	593	594	SN	1	57.743	58.262	0.0	0.003	1.291	0.391	1219.112	1288.824	15.421	-93.086	-92.059	0.0
31	593	594	NS	1	57.673	58.172	0.0	0.003	1.291	0.385	1208.12	1276.112	5.03	-93.207	-91.991	0.0
32	594	595	SN	1	57.732	58.261	0.0	0.003	1.291	0.388	1218.976	1288.68	14.743	-93.034	-92.056	0.0
33	594	595	NS	1	57.659	58.138	0.0	0.003	1.291	0.38	1207.792	1271.656	3.889	-93.002	-91.975	0.0
34	595	596	SN	1	57.727	58.263	0.0	0.003	1.291	0.366	1218.392	1288.896	13.858	-93.091	-92.055	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	595	596	NS	1	57.668	58.129	0.0	0.003	1.291	0.362	1208.632	1269.776	3.365	-93.034	-91.977	0.0
36	596	597	NS	1	57.659	58.157	0.0	0.003	1.291	0.365	1208.312	1274.264	2.907	-93.19	-91.98	0.0
37	596	597	SN	1	57.724	58.265	0.0	0.003	1.291	0.364	1217.736	1288.888	14.073	-93.224	-92.053	0.0
38	597	598	SN	1	57.73	58.261	0.0	0.003	238.242	0.37	1218.12	1288.728	14.001	-93.083	-92.069	0.0
39	597	598	NS	1	57.66	58.258	0.0	0.003	1.291	0.373	1208.424	1288.04	12.617	-92.951	-91.979	0.0
40	598	599	NS	1	57.666	58.257	0.0	0.003	243.195	0.379	1208.912	1287.968	12.751	-92.992	-91.98	0.0
41	599	600	NS	1	57.678	58.256	0.0	0.003	250.706	0.377	1208.864	1287.848	11.77	-93.063	-91.991	0.0
42	599	600	SN	1	57.737	58.26	0.0	0.003	1.291	0.376	1218.416	1288.544	14.239	-93.057	-92.069	0.0
43	600	601	SN	1	57.733	58.261	0.0	0.003	1.291	0.385	1217.88	1288.64	14.882	-93.237	-92.066	0.0
44	600	601	NS	1	57.659	58.259	0.0	0.003	1.291	0.369	1207.92	1287.92	12.419	-93.186	-91.99	0.0
45	601	602	NS	1	57.666	58.258	0.0	0.003	1.291	0.375	1208.072	1288.104	12.983	-93.096	-91.977	0.0
46	602	603	NS	1	57.68	58.258	0.0	0.003	1.291	0.388	1208.904	1288.016	12.646	-93.789	-92.842	0.0
47	603	604	NS	1	57.66	58.256	0.0	0.003	1.291	0.376	1208.168	1287.872	12.316	-93.056	-91.983	0.0
48	604	605	NS	1	57.668	58.256	0.0	0.003	1.291	0.369	1208.36	1287.76	11.36	-93.095	-91.979	0.0
49	604	605	SN	1	57.724	58.261	0.0	0.003	1.291	0.383	1217.72	1288.608	14.893	-93.045	-92.063	0.0
50	605	606	NS	1	57.664	58.251	0.0	0.003	1.291	0.372	1208.048	1287.048	9.202	-93.074	-91.978	0.0
51	605	606	SN	1	57.724	58.261	0.0	0.003	1.291	0.37	1217.864	1288.688	14.55	-93.1	-92.053	0.0
52	606	607	SN	1	57.724	58.262	0.0	0.003	1.291	0.373	1217.616	1288.784	14.64	-92.954	-92.051	0.0
53	606	607	NS	1	57.678	58.239	0.0	0.003	1.291	0.377	1208.624	1285.384	5.721	-92.932	-91.976	0.0
54	607	608	NS	1	57.665	58.207	0.0	0.003	1.291	0.376	1208.52	1281.008	3.662	-92.986	-91.979	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	578	579	SN	1	-34.53	19.653	0.0	-34.028	19.757	0.0	2.344	25.1	4.281	5.614	25.439	6.127	0.08	189.735	1.466	0.08	169.016	1.498	0.08	0.113	0.0	0.08	0.095	0.0
2	579	580	SN	1	-33.819	19.571	0.0	-34.006	19.39	0.0	-29.543	24.151	0.673	-27.001	25.054	0.416	0.08	161.091	3.009	0.08	168.18	2.655	0.08	60.217	0.012	0.08	33.56	0.008
3	579	580	NS	1	-34.716	18.801	0.0	-34.809	18.151	0.0	6.164	24.694	0.108	5.859	24.833	0.153	0.08	198.24	2.94	0.081	202.292	2.851	0.08	0.093	0.0	0.08	0.094	0.0
4	580	581	SN	1	-34.506	19.565	0.0	-34.685	20.266	0.0	-10.624	24.11	0.634	-5.604	24.676	0.327	0.08	188.649	2.044	0.08	196.593	1.841	0.08	0.834	0.0	0.08	0.309	0.0
5	580	581	NS	1	-33.331	18.57	0.0	-33.662	18.702	0.0	-8.598	25.303	0.042	-7.244	23.993	0.023	0.081	143.988	0.876	0.08	155.392	0.873	0.08	0.548	0.0	0.08	0.419	0.0
6	581	582	NS	1	-31.282	18.306	0.0	-31.285	16.538	0.0	-7.551	22.534	0.002	-31.907	23.453	0.101	0.081	89.835	0.28	0.081	89.902	0.46	0.08	0.445	0.0	0.08	103.738	0.035
7	581	582	SN	1	-34.841	20.21	0.0	-34.448	20.514	0.0	3.37	24.548	1.145	2.706	22.655	0.115	0.08	203.813	1.422	0.08	186.182	1.327	0.08	0.105	0.0	0.08	0.11	0.0
8	582	583	NS	1	-33.351	18.171	0.0	-33.987	18.762	0.0	-10.915	21.043	0.0	-14.925	22.995	0.014	0.081	144.661	2.109	0.08	167.463	2.131	0.08	0.888	0.0	0.08	2.139	0.01
9	582	583	SN	1	-34.114	18.499	0.0	-34.32	18.673	0.0	2.735	23.759	1.882	3.399	23.62	1.718	0.081	172.413	1.383	0.08	180.781	1.363	0.08	0.11	0.0	0.08	0.105	0.0
10	583	584	SN	1	-33.447	16.261	0.0	-34.308	18.626	0.0	7.669	17.854	0.0	5.387	19.403	0.0	0.081	147.872	0.914	0.081	180.23	0.903	0.081	0.089	0.0	0.08	0.095	0.0
11	583	584	NS	1	-32.533	18.307	0.0	-33.467	18.17	0.0	-9.237	24.277	0.283	-8.301	24.338	0.417	0.081	119.796	0.918	0.081	148.578	0.881	0.08	0.624	0.0	0.08	0.516	0.0
12	584	585	NS	1	-32.601	18.934	0.0	-34.354	19.44	0.0	-11.489	23.433	0.188	-9.87	26.558	0.804	0.08	121.687	0.828	0.08	182.178	0.984	0.08	1.004	0.002	0.08	0.712	0.0
13	585	586	SN	1	-34.687	18.914	0.0	-34.563	20.418	0.0	1.646	24.895	2.673	2.367	24.721	2.595	0.08	196.67	2.658	0.08	191.158	2.72	0.08	0.119	0.0	0.08	0.112	0.0
14	585	586	NS	1	-34.851	20.64	0.0	-34.782	20.687	0.0	-0.809	24.369	1.809	0.084	24.294	2.39	0.08	204.267	1.309	0.08	201.095	1.167	0.08	0.151	0.0	0.08	0.137	0.0
15	586	587	NS	1	-34.849	20.487	0.0	-34.925	20.048	0.0	2.067	24.861	3.284	1.764	25.875	5.332	0.08	204.197	2.123	0.08	207.795	2.146	0.08	0.115	0.0	0.08	0.118	0.0
16	586	587	SN	2	-34.185	18.923	0.0	-33.899	20.452	0.0	-7.206	24.76	2.588	-7.585	25.599	2.649	0.08	175.242	3.432	0.08	164.079	3.586	0.08	0.416	0.0	0.08	0.458	0.0
17	587	588	NS	1	-34.626	20.319	0.0	-34.871	19.492	0.0	2.53	25.028	3.314	3.432	26.312	7.437	0.08	193.997	2.098	0.08	205.169	2.135	0.08	0.111	0.0	0.08	0.105	0.0
18	588	589	NS	1	-34.939	20.026	0.0	-34.348	18.694	0.0	-25.884	24.608	2.102	-20.994	25.168	5.204	0.08	208.414	1.428	0.08	181.936	1.238	0.08	25.969	0.041	0.08	8.465	0.024
19	589	590	NS	1	-34.594	20.837	0.0	-34.41	19.186	0.0	-4.933	24.667	2.5	0.61	25.185	4.558	0.08	192.506	1.401	0.08	184.502	1.531	0.08	0.274	0.0	0.08	0.13	0.0
20	589	590	SN	1	-34.484	20.64	0.0	-34.431	21.547	0.0	-17.224	24.85	1.782	-16.061	25.609	1.852	0.08	187.704	2.404	0.08	185.459	2.408	0.08	3.588	0.004	0.08	2.76	0.006
21	590	591	SN	1	-32.989	19.353	0.0	-34.352	20.695	0.0	-9.823	25.142	2.001	-15.762	25.733	2.063	0.08	133.067	1.171	0.08	182.108	1.157	0.08	0.705	0.0	0.08	2.58	0.001
22	590	591	NS	1	-34.368	20.1	0.0	-33.616	19.588	0.0	1.329	24.287	5.156	-1.581	25.074	6.532	0.08	182.756	2.064	0.08	153.719	2.035	0.08	0.122	0.0	0.08	0.166	0.0
23	591	592	NS	1	-34.782	20.738	0.0	-34.49	19.001	0.0	2.916	24.372	3.126	2.98	24.687	7.591	0.08	201.047	2.106	0.08	187.993	2.289	0.08	0.108	0.0	0.08	0.108	0.0
24	591	592	SN	2	-34.215	20.854	0.0	-34.857	21.389	0.0	-21.319	24.683	5.048	-21.938	25.418	6.171	0.08	176.412	1.29	0.08	204.555	1.151	0.08	9.114	0.032	0.08	10.503	0.037
25	591	592	SN	1	-34.215	20.854	0.0	-34.857	21.389	0.0	-21.319	24.683	5.048	-21.938	25.418	6.171	0.08	176.412	1.29	0.08	204.555	1.151	0.08	9.114	0.032	0.08	10.503	0.037
26	591	592	NS	1	-34.782	20.738	0.0	-34.49	19.001	0.0	2.916	24.372	2.715	2.98	24.687	5.45	0.08	201.047	2.096	0.08	187.993	2.289	0.08	0.108	0.0	0.08	0.108	0.0
27	592	593	SN	1	-33.732	19.997	0.0	-34.188	19.984	0.0	4.041	24.969	5.058	4.047	25.317	8.26	0.08	157.894	1.404	0.08	175.399	1.248	0.08	0.101	0.0	0.08	0.101	0.0
28	592	593	NS	1	-34.894	19.757	0.0	-34.804	16.501	0.0	6.004	24.531	0.867	3.832	24.471	0.707	0.08	206.293	2.526	0.081	202.103	2.501	0.08	0.093	0.0	0.08	0.103	0.0
29	592	593	NS	2	-34.894	19.757	0.0	-34.804	16.501	0.0	6.004	24.531	0.867	3.832	24.471	0.707	0.08	206.293	2.526	0.081	202.103	2.501	0.08	0.093	0.0	0.08	0.103	0.0
30	593	594	SN	1	-32.942	19.093	0.0	-33.732	19.506	0.0	-3.562	24.621	0.79	-0.325	24.878	0.57	0.08	131.633	1.286	0.08	157.876	0.909	0.08	0.219	0.0	0.08	0.143	0.0
31	593	594	NS	1	-34.762	18.807	0.0	-34.405	17.76	0.0	4.134	23.963	0.037	5.003	25.482	0.019	0.08	200.131	2.591	0.081	184.316	2.232	0.08	0.101	0.0	0.08	0.097	0.0
32	594	595	SN	1	-34.804	20.147	0.0	-32.468	20.408	0.0	-31.13	24.282	0.616	-33.314	24.404	0.297	0.08	202.082	1.935	0.08	118.052	1.673	0.08	86.742	0.049	0.08	143.42	0.038

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

33	594	595	NS	1	-34.875	18.634	0.0	-33.602	18.493	0.0	2.756	25.09	0.04	2.82	26.022	0.089	0.08	205.398	1.7	0.081	153.237	1.612	0.08	0.109	0.0	0.08	0.109	0.0
34	595	596	SN	1	-33.915	20.548	0.0	-33.361	20.379	0.0	-4.882	23.98	0.839	-5.507	23.739	0.549	0.08	164.674	1.81	0.08	144.929	1.892	0.08	0.272	0.0	0.08	0.303	0.0
35	595	596	NS	1	-34.269	18.267	0.0	-34.512	16.621	0.0	-23.01	21.307	0.0	-24.981	22.125	0.002	0.081	178.682	1.1	0.081	188.912	1.009	0.08	13.426	0.015	0.08	21.101	0.032
36	596	597	NS	1	-34.713	17.986	0.0	-34.81	16.281	0.0	-13.743	22.737	0.037	-23.03	23.632	0.171	0.081	197.87	2.99	0.081	202.355	2.554	0.08	1.644	0.005	0.08	13.489	0.037
37	596	597	SN	1	-34.752	20.015	0.0	-34.102	20.243	0.0	3.009	24.245	0.828	2.927	22.542	0.061	0.08	199.64	1.655	0.08	171.938	1.654	0.08	0.108	0.0	0.08	0.108	0.0
38	597	598	SN	1	-34.388	18.844	0.0	-34.239	19.103	0.0	2.711	23.977	3.67	2.575	23.81	4.608	0.08	183.614	1.137	0.08	177.477	1.01	0.08	0.11	0.0	0.08	0.111	0.0
39	597	598	NS	1	-32.14	18.38	0.0	-31.948	18.191	0.0	-17.535	24.16	0.357	-17.615	23.841	0.528	0.081	109.441	0.97	0.081	104.725	1.355	0.08	3.851	0.005	0.08	3.921	0.008
40	598	599	NS	1	-34.458	18.669	0.0	-34.719	18.68	0.0	-14.048	24.061	0.121	-15.734	24.446	0.435	0.08	186.574	1.208	0.08	198.191	1.221	0.08	1.759	0.004	0.08	2.565	0.006
41	599	600	NS	1	-34.468	20.077	0.0	-34.973	20.886	0.0	-22.781	24.431	1.084	-15.276	24.277	1.611	0.08	187.026	2.056	0.08	210.044	2.161	0.08	12.742	0.047	0.08	2.314	0.018
42	599	600	SN	1	-34.283	18.58	0.0	-34.832	19.731	0.0	1.923	24.975	2.156	5.013	24.432	1.642	0.081	179.196	3.633	0.08	203.379	3.198	0.08	0.116	0.0	0.08	0.097	0.0
43	600	601	SN	1	-34.905	17.763	0.0	-34.369	20.738	0.0	2.319	26.784	2.856	2.342	25.193	2.785	0.081	206.772	3.527	0.08	182.842	3.28	0.08	0.113	0.0	0.08	0.113	0.0
44	600	601	NS	1	-34.796	20.599	0.0	-33.85	21.19	0.0	4.279	24.861	2.551	2.641	24.981	4.294	0.08	201.742	0.868	0.08	162.198	0.934	0.08	0.1	0.0	0.08	0.11	0.0
45	601	602	NS	1	-34.739	20.778	0.0	-32.75	20.442	0.0	-3.248	24.641	2.516	1.261	26.177	5.248	0.08	199.086	1.205	0.08	125.919	1.175	0.08	0.214	0.0	0.08	0.122	0.0
46	602	603	NS	1	-33.528	20.464	0.0	-34.243	18.648	0.0	-23.423	25.258	4.923	-15.802	25.916	9.341	0.08	150.663	1.517	0.08	177.588	1.592	0.08	14.757	0.035	0.08	2.604	0.006
47	603	604	NS	1	-34.062	20.729	0.0	-34.506	18.881	0.0	-13.053	24.407	1.787	-24.746	25.852	4.244	0.08	170.347	1.257	0.08	188.648	1.185	0.08	1.412	0.005	0.08	19.989	0.013
48	604	605	NS	1	-34.895	20.996	0.0	-34.154	19.148	0.0	-4.037	24.862	3.922	-4.144	24.834	5.611	0.08	206.34	0.871	0.08	174.024	0.856	0.08	0.236	0.0	0.08	0.24	0.0
49	604	605	SN	1	-34.84	19.033	0.0	-33.972	21.367	0.0	-15.484	25.554	1.707	-22.669	25.865	1.838	0.08	203.716	2.202	0.08	166.856	1.984	0.08	2.424	0.008	0.08	12.416	0.017
50	605	606	NS	1	-34.71	20.365	0.0	-34.397	20.209	0.0	-17.775	24.649	3.193	-6.403	24.885	5.814	0.08	197.702	1.181	0.08	184.016	1.197	0.08	4.065	0.008	0.08	0.357	0.0
51	605	606	SN	1	-34.526	20.746	0.0	-34.702	20.514	0.0	-16.228	24.751	3.061	-26.138	25.368	3.587	0.08	189.521	0.587	0.08	197.349	0.674	0.08	2.866	0.01	0.08	27.522	0.014
52	606	607	SN	1	-34.82	19.856	0.0	-34.526	20.224	0.0	-0.588	24.754	7.028	-0.634	25.458	10.525	0.08	202.813	1.526	0.08	189.548	1.503	0.08	0.147	0.0	0.08	0.148	0.0
53	606	607	NS	1	-33.746	20.065	0.0	-34.905	18.156	0.0	6.15	24.584	2.556	2.989	25.336	5.559	0.08	158.389	1.247	0.081	206.812	1.413	0.08	0.093	0.0	0.08	0.108	0.0
54	607	608	NS	1	-34.716	19.496	0.0	-33.986	17.882	0.0	2.622	23.007	0.073	2.892	20.656	0.0	0.08	197.997	2.153	0.081	167.372	1.937	0.08	0.11	0.0	0.08	0.108	0.0

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

 Normal	 Deviations
 Alarming	 High Errors