

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

Report between 26-JUN-2017 To 27-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	3955	3956	SN	1	48.764	49.479	0.0	0.003	1.82	0.156	1040.184	1096.304	1.928	-92.014	-89.337	0.0
2	3955	3956	SN	1	48.764	49.479	0.0	0.003	1.82	0.151	1040.184	1096.304	1.668	-92.014	-89.337	0.0
3	3956	3957	NS	1	48.724	49.427	0.0	0.003	6.105	0.206	1030.088	1095.568	0.0	-92.128	-89.115	0.0
4	3956	3957	SN	1	48.8	49.479	0.0	0.003	1.82	0.145	1040.272	1096.152	1.245	-92.145	-89.427	0.0
5	3956	3957	SN	1	48.8	49.479	0.0	0.003	1.82	0.146	1040.272	1096.152	1.357	-92.145	-89.427	0.0
6	3957	3958	SN	1	48.783	49.52	0.0	0.003	1.82	0.138	1039.84	1096.368	1.903	-92.069	-89.401	0.0
7	3957	3958	SN	1	48.783	49.52	0.0	0.003	1.82	0.138	1039.84	1096.368	1.669	-92.069	-89.401	0.0
8	3957	3958	NS	1	48.761	49.43	0.0	0.003	1.814	0.184	1030.664	1095.84	0.042	-92.48	-89.098	0.0
9	3958	3959	SN	1	48.76	49.478	0.0	0.003	1.82	0.138	1040.256	1096.32	1.777	-91.968	-89.382	0.0
10	3958	3959	NS	1	48.761	49.466	0.0	0.003	1.814	0.188	1030.584	1095.8	0.033	-92.405	-89.134	0.0
11	3961	3962	SN	1	48.763	49.477	0.0	0.003	1.814	0.144	1039.744	1096.104	1.049	-91.82	-89.339	0.0
12	3961	3962	NS	1	48.722	49.429	0.0	0.003	1.814	0.192	1030.896	1095.568	0.0	-92.063	-89.066	0.0
13	3961	3962	SN	1	48.763	49.477	0.0	0.003	1.814	0.144	1039.744	1096.104	1.188	-91.82	-89.339	0.0
14	3962	3963	NS	1	48.714	49.429	0.0	0.003	1.814	0.188	1030.648	1095.624	0.0	-91.96	-89.162	0.0
15	3962	3963	SN	1	48.805	49.517	0.0	0.003	1.82	0.148	1040.296	1096.168	1.252	-92.223	-89.417	0.0
16	3962	3963	SN	1	48.805	49.517	0.0	0.003	1.82	0.154	1040.296	1096.168	1.47	-92.223	-89.417	0.0
17	3963	3964	NS	1	48.716	49.466	0.0	0.003	1.814	0.195	1030.232	1095.76	0.009	-91.93	-89.13	0.0
18	3963	3964	NS	1	48.716	49.466	0.0	0.003	1.814	0.195	1030.232	1095.76	0.009	-91.93	-89.13	0.0
19	3970	3971	NS	1	48.724	49.429	0.0	0.003	1.809	0.203	1030.448	1095.84	0.024	-91.938	-89.092	0.0
20	3970	3971	SN	1	48.767	49.478	0.0	0.003	1.814	0.152	1039.72	1096.288	1.902	-91.926	-89.409	0.0
21	3970	3971	SN	1	48.767	49.478	0.0	0.003	1.814	0.15	1039.72	1096.288	1.638	-91.926	-89.409	0.0
22	3971	3972	SN	1	48.799	49.502	0.0	0.003	1.82	0.141	1040.144	1096.4	1.995	-92.062	-89.387	0.0
23	3971	3972	NS	1	48.764	49.433	0.0	0.003	1.814	0.186	1030.984	1095.968	0.054	-91.977	-89.138	0.0
24	3974	3975	SN	1	48.755	49.504	0.0	0.003	1.814	0.142	1039.136	1096.368	1.884	-92.197	-89.42	0.0
25	3974	3975	SN	1	48.755	49.504	0.0	0.003	1.814	0.14	1039.136	1096.368	1.587	-92.197	-89.42	0.0
26	3974	3975	NS	1	48.72	49.432	0.0	0.003	1.814	0.191	1031.28	1095.904	0.065	-92.095	-89.071	0.0
27	3975	3976	SN	1	48.751	49.513	0.0	0.003	1.814	0.143	1039.024	1096.304	1.468	-92.147	-89.42	0.0
28	3975	3976	SN	1	48.751	49.513	0.0	0.003	1.814	0.143	1039.024	1096.304	1.715	-92.147	-89.42	0.0
29	3975	3976	NS	1	48.716	49.432	0.0	0.003	1.814	0.192	1031.312	1095.856	0.049	-91.99	-89.158	0.0
30	3976	3977	SN	1	48.762	49.477	0.0	0.003	1.814	0.147	1039.216	1096.272	1.467	-91.942	-89.416	0.0
31	3976	3977	NS	1	48.733	49.432	0.0	0.003	1.814	0.19	1030.648	1095.824	0.039	-92.042	-89.166	0.0
32	3976	3977	SN	1	48.762	49.477	0.0	0.003	1.814	0.154	1039.216	1096.272	1.798	-91.942	-89.416	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	3977	3978	SN	1	48.763	49.478	0.0	0.003	1.814	0.155	1039.976	1096.48	2.378	-91.882	-89.4	0.0
34	3977	3978	SN	1	48.763	49.478	0.0	0.003	1.814	0.145	1039.976	1096.48	1.925	-91.882	-89.341	0.0
35	3977	3978	NS	1	48.714	49.433	0.0	0.003	1.814	0.189	1030.584	1096.016	0.107	-92.154	-89.165	0.0
36	3978	3979	NS	1	48.72	49.434	0.0	0.003	6.078	0.212	1030.552	1096.056	0.135	-92.28	-89.149	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	3955	3956	SN	1	-33.692	23.439	0.018	-34.931	23.792	0.068	3.804	27.778	8.399	5.141	30.605	15.815	0.103	197.633	3.535	0.103	262.955	3.17	0.103	0.132	0.0	0.103	0.124	0.0
2	3955	3956	SN	1	-33.692	23.439	0.017	-34.931	23.792	0.088	3.804	27.778	8.374	5.141	30.605	15.271	0.103	197.633	3.412	0.103	262.955	2.857	0.103	0.132	0.0	0.103	0.124	0.0
3	3956	3957	NS	1	-34.64	26.904	0.02	-34.431	28.202	0.045	4.371	31.192	9.882	1.498	33.578	29.654	0.103	245.851	3.486	0.103	234.349	3.192	0.103	0.128	0.0	0.102	0.154	0.0
4	3956	3957	SN	1	-34.968	24.308	0.139	-34.717	26.31	0.434	-34.291	28.086	9.188	-26.735	31.383	12.406	0.103	265.135	3.405	0.103	250.298	2.612	0.103	226.884	0.12	0.103	39.904	0.101
5	3956	3957	SN	1	-34.968	24.308	0.144	-34.717	26.31	0.45	-34.291	28.086	9.332	-26.735	31.383	12.96	0.103	265.135	3.534	0.103	250.298	2.704	0.103	226.884	0.117	0.103	39.904	0.098
6	3957	3958	SN	1	-34.871	23.411	0.006	-34.911	26.172	0.095	-3.705	28.584	8.645	-8.946	29.488	6.343	0.103	259.295	4.888	0.103	261.65	3.108	0.103	0.285	0.0	0.103	0.745	0.0
7	3957	3958	SN	1	-34.871	23.411	0.006	-34.911	26.172	0.094	-3.705	28.584	7.449	-8.946	29.488	4.958	0.103	259.295	4.801	0.103	261.65	3.122	0.103	0.285	0.0	0.103	0.745	0.0
8	3957	3958	NS	1	-34.903	20.843	0.0	-34.055	21.796	0.0	-16.84	28.55	6.522	-22.215	30.809	19.787	0.103	261.204	2.985	0.103	214.93	2.556	0.103	4.16	0.011	0.103	14.144	0.013
9	3958	3959	SN	1	-34.948	23.058	0.014	-34.984	24.902	0.163	7.644	28.576	10.42	7.785	29.181	6.391	0.103	263.932	3.003	0.103	266.097	2.236	0.103	0.114	0.0	0.103	0.114	0.0
10	3958	3959	NS	1	-34.888	22.574	0.001	-33.584	21.262	0.0	-16.99	27.718	5.778	-4.402	29.534	16.62	0.103	260.281	2.503	0.103	192.819	1.829	0.103	4.303	0.002	0.103	0.319	0.0
11	3961	3962	SN	1	-34.94	22.961	0.02	-34.506	24.581	0.169	6.143	28.213	10.131	5.184	29.127	8.117	0.103	263.498	4.278	0.103	238.382	4.284	0.103	0.119	0.0	0.103	0.123	0.0
12	3961	3962	NS	1	-34.351	24.168	0.14	-34.467	24.482	0.205	-6.469	28.069	6.164	-4.105	30.622	15.805	0.103	230.007	2.246	0.103	236.279	1.912	0.103	0.459	0.0	0.103	0.304	0.0
13	3961	3962	SN	1	-34.94	22.961	0.02	-34.506	24.581	0.173	6.143	28.213	10.241	5.184	29.127	10.414	0.103	263.498	4.368	0.103	238.382	4.101	0.103	0.119	0.0	0.103	0.123	0.0
14	3962	3963	NS	1	-34.708	24.755	0.097	-34.857	26.712	0.342	7.777	28.315	11.198	7.327	30.249	22.315	0.103	249.754	4.279	0.103	258.431	3.203	0.103	0.114	0.0	0.103	0.115	0.0
15	3962	3963	SN	1	-34.977	23.72	0.027	-34.863	24.369	0.056	-16.178	33.805	10.188	-29.009	30.685	12.258	0.103	265.721	10.256	0.103	258.803	8.126	0.102	3.584	0.006	0.103	67.291	0.002
16	3962	3963	SN	1	-34.977	23.72	0.029	-34.863	24.369	0.061	-16.178	33.805	10.109	-29.009	30.685	13.188	0.103	265.721	10.347	0.103	258.803	7.983	0.102	3.584	0.006	0.103	67.291	0.002
17	3963	3964	NS	1	-34.897	23.323	0.019	-34.778	25.167	0.155	-2.046	28.026	12.267	2.83	30.139	36.013	0.103	260.842	4.985	0.103	253.801	3.155	0.103	0.225	0.0	0.103	0.14	0.0
18	3963	3964	NS	1	-34.897	23.323	0.019	-34.778	25.167	0.155	-2.046	28.026	12.264	2.83	30.139	36.013	0.103	260.842	4.993	0.103	253.801	3.16	0.103	0.225	0.0	0.103	0.14	0.0
19	3970	3971	NS	1	-34.786	28.337	0.098	-34.634	28.969	0.132	3.961	28.798	12.685	8.065	30.04	25.929	0.103	254.228	5.669	0.103	245.532	4.984	0.103	0.131	0.0	0.103	0.113	0.0
20	3970	3971	SN	1	-34.179	24.83	0.239	-33.481	26.465	0.616	-31.413	29.201	7.791	-19.147	31.253	17.372	0.103	221.129	4.136	0.103	188.32	3.364	0.103	116.982	0.037	0.103	7.02	0.01
21	3970	3971	SN	1	-34.179	24.83	0.224	-33.481	26.465	0.573	-31.413	29.201	7.803	-19.147	31.253	16.971	0.103	221.129	3.874	0.103	188.32	3.13	0.103	116.982	0.038	0.103	7.02	0.011
22	3971	3972	SN	1	-33.961	24.856	0.138	-34.922	26.774	0.272	-22.963	28.959	7.577	-17.524	30.255	6.026	0.103	210.266	3.454	0.103	262.344	2.542	0.103	16.786	0.025	0.103	4.856	0.015
23	3971	3972	NS	1	-34.103	26.607	0.023	-33.446	29.763	0.028	-11.581	33.064	6.899	-30.599	31.519	27.413	0.103	217.28	2.165	0.103	186.776	1.744	0.102	1.297	0.003	0.103	97.015	0.003
24	3974	3975	SN	1	-34.982	23.965	0.049	-34.523	24.703	0.077	6.232	27.826	15.182	8.594	28.801	20.071	0.103	266.018	4.624	0.103	251.728	3.631	0.103	0.119	0.0	0.103	0.112	0.0
25	3974	3975	SN	1	-34.982	23.965	0.048	-34.523	24.703	0.075	6.232	27.826	14.266	8.594	28.801	18.744	0.103	266.018	4.486	0.103	251.728	3.538	0.103	0.119	0.0	0.103	0.112	0.0
26	3974	3975	NS	1	-34.98	19.791	0.0	-33.437	21.078	0.0	-19.673	27.972	3.809	-7.914	29.446	14.124	0.103	265.928	2.881	0.103	186.404	2.17	0.103	7.911	0.004	0.103	0.606	0.0
27	3975	3976	SN	1	-34.905	24.113	0.001	-34.976	25.294	0.032	6.499	27.014	13.284	8.393	29.5	10.929	0.103	261.342	4.687	0.103	265.637	3.952	0.103	0.118	0.0	0.103	0.112	0.0
28	3975	3976	SN	1	-34.905	24.113	0.001	-34.976	25.294	0.032	6.499	27.014	13.046	8.071	29.5	13.976	0.103	261.342	4.706	0.103	265.637	3.934	0.103	0.118	0.0	0.103	0.113	0.0
29	3975	3976	NS	1	-34.584	23.143	0.001	-33.327	23.518	0.007	-10.595	28.074	4.312	-9.531	28.908	12.919	0.103	242.771	2.889	0.103	181.713	1.807	0.103	1.05	0.002	0.103	0.84	0.0
30	3976	3977	SN	1	-34.635	23.439	0.014	-34.603	25.13	0.027	-4.198	28.49	8.666	-5.12	29.259	11.203	0.103	245.648	6.432	0.103	243.797	4.965	0.103	0.309	0.0	0.103	0.36	0.0
31	3976	3977	NS	1	-34.685	25.455	0.089	-34.558	26.708	0.257	1.871	28.552	13.766	3.176	30.455	23.93	0.103	258.071	3.374	0.103	241.307	2.775	0.103	0.149	0.0	0.103	0.137	0.0
32	3976	3977	SN	1	-34.635	23.439	0.015	-34.603	25.13	0.03	-4.198	28.49	8.945	-5.12	29.259	12.195	0.103	245.648	6.507	0.103	243.797	4.961	0.103	0.309	0.0	0.103	0.36	0.0
33	3977	3978	SN	1	-34.622	24.912	0.039	-34.772	27.277	0.09	-16.885	32.062	11.614	-23.981	32.094	19.216	0.103	244.878	6.221	0.103	253.423	6.037	0.102	4.202	0.009	0.102	21.202	0.012

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

- Normal
- Deviations
- Alarming
- High Errors

34	3977	3978	SN	1	-34.948	24.912	0.035	-34.772	27.277	0.078	-16.885	32.062	11.118	-23.981	32.094	18.523	0.103	263.917	6.183	0.103	253.423	5.682	0.102	4.202	0.008	0.102	21.202	0.012
35	3977	3978	NS	1	-34.96	25.558	0.372	-34.919	26.094	0.574	-1.834	28.321	10.012	2.434	30.11	24.063	0.103	264.694	7.112	0.103	262.154	5.31	0.103	0.218	0.0	0.103	0.143	0.0
36	3978	3979	NS	1	-34.462	22.794	0.012	-34.355	24.95	0.13	-3.878	29.652	15.873	-4.198	30.164	42.343	0.103	236.016	2.948	0.103	230.287	2.128	0.103	0.293	0.0	0.103	0.309	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	3955	3956	SN	1	57.592	58.411	0.0	0.003	1.985	0.227	1219.984	1290.408	17.373	-93.628	-91.843	0.0
2	3955	3956	SN	1	57.592	58.411	0.0	0.003	1.985	0.215	1219.984	1290.408	15.561	-93.628	-91.843	0.0
3	3956	3957	NS	1	57.525	58.345	0.0	0.003	26.378	0.203	1207.296	1289.28	14.427	-93.819	-91.526	0.0
4	3956	3957	SN	1	57.616	58.41	0.0	0.003	1.98	0.212	1220.064	1290.208	14.818	-93.412	-91.922	0.0
5	3956	3957	SN	1	57.616	58.41	0.0	0.003	1.98	0.217	1220.064	1290.208	16.085	-93.412	-91.922	0.0
6	3957	3958	SN	1	57.584	58.44	0.0	0.003	1.985	0.2	1219.528	1290.48	14.867	-93.51	-91.892	0.0
7	3957	3958	SN	1	57.584	58.44	0.0	0.003	1.985	0.197	1219.528	1290.48	13.774	-93.51	-91.892	0.0
8	3957	3958	NS	1	57.54	58.348	0.0	0.003	1.98	0.15	1208.312	1289.632	13.392	-94.049	-91.501	0.0
9	3958	3959	SN	1	57.585	58.433	0.0	0.003	1.991	0.204	1220.0	1290.408	15.106	-93.697	-91.884	0.0
10	3958	3959	NS	1	57.551	58.354	0.0	0.003	1.98	0.152	1207.88	1289.576	13.006	-93.698	-91.528	0.0
11	3961	3962	SN	1	57.585	58.409	0.0	0.003	1.991	0.206	1219.384	1290.144	14.101	-93.44	-91.842	0.0
12	3961	3962	NS	1	57.523	58.347	0.0	0.003	1.98	0.156	1207.928	1289.304	12.156	-93.624	-91.476	0.0
13	3961	3962	SN	1	57.585	58.409	0.0	0.003	1.991	0.212	1219.384	1290.144	15.176	-93.44	-91.842	0.0
14	3962	3963	NS	1	57.523	58.348	0.0	0.003	1.98	0.152	1208.408	1289.368	12.765	-93.697	-91.56	0.0
15	3962	3963	SN	1	57.608	58.43	0.0	0.003	1.985	0.211	1219.904	1290.208	14.852	-93.809	-91.906	0.0
16	3962	3963	SN	1	57.608	58.43	0.0	0.003	1.985	0.223	1219.904	1290.208	16.563	-93.809	-91.906	0.0
17	3963	3964	NS	1	57.519	58.348	0.0	0.003	1.98	0.157	1207.64	1289.536	13.658	-93.839	-91.56	0.0
18	3963	3964	NS	1	57.519	58.348	0.0	0.003	1.98	0.157	1207.64	1289.536	13.671	-93.839	-91.56	0.0
19	3970	3971	NS	1	57.527	58.363	0.0	0.003	1.98	0.164	1207.864	1289.648	14.835	-93.623	-91.51	0.0
20	3970	3971	SN	1	57.605	58.41	0.0	0.003	1.991	0.222	1219.368	1290.368	16.368	-93.553	-91.906	0.0
21	3970	3971	SN	1	57.605	58.41	0.0	0.003	1.991	0.215	1219.368	1290.368	14.91	-93.553	-91.906	0.0
22	3971	3972	SN	1	57.606	58.429	0.0	0.003	1.985	0.206	1219.584	1290.488	15.284	-93.659	-91.878	0.0
23	3971	3972	NS	1	57.555	58.353	0.0	0.003	1.98	0.154	1208.36	1289.808	13.058	-93.805	-91.528	0.0
24	3974	3975	SN	1	57.578	58.42	0.0	0.003	1.985	0.207	1218.416	1290.464	14.878	-93.784	-91.912	0.0
25	3974	3975	SN	1	57.578	58.42	0.0	0.003	1.985	0.2	1218.416	1290.464	13.695	-93.784	-91.912	0.0
26	3974	3975	NS	1	57.541	58.353	0.0	0.003	1.98	0.154	1208.856	1289.704	12.941	-93.691	-91.481	0.0
27	3975	3976	SN	1	57.579	58.409	0.0	0.003	1.985	0.202	1218.592	1290.4	14.044	-93.553	-91.912	0.0
28	3975	3976	SN	1	57.579	58.409	0.0	0.003	1.985	0.206	1218.592	1290.4	14.976	-93.553	-91.912	0.0
29	3975	3976	NS	1	57.528	58.352	0.0	0.003	1.98	0.158	1209.072	1289.648	12.217	-93.588	-91.551	0.0
30	3976	3977	SN	1	57.607	58.408	0.0	0.003	1.985	0.209	1218.728	1290.344	14.655	-93.567	-91.909	0.0
31	3976	3977	NS	1	57.529	58.351	0.0	0.003	1.985	0.158	1208.208	1289.6	11.817	-93.648	-91.565	0.0
32	3976	3977	SN	1	57.607	58.408	0.0	0.003	1.985	0.225	1218.728	1290.344	16.481	-93.567	-91.909	0.0
33	3977	3978	SN	1	57.607	58.431	0.0	0.003	1.98	0.227	1219.432	1290.608	16.986	-93.579	-91.889	0.0
34	3977	3978	SN	1	57.607	58.431	0.0	0.003	1.98	0.208	1219.432	1290.608	14.739	-93.579	-91.821	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	3977	3978	NS	1	57.524	58.353	0.0	0.003	1.985	0.154	1208.4	1289.856	12.581	-93.792	-91.564	0.0
36	3978	3979	NS	1	57.531	58.36	0.0	0.003	26.704	0.205	1208.464	1289.896	13.161	-94.049	-91.529	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	3955	3956	SN	1	-33.782	18.06	0.0	-34.54	19.655	0.0	-11.373	22.616	0.016	-7.885	23.089	0.102	0.083	164.758	2.778	0.083	196.204	2.308	0.083	1.011	0.002	0.083	0.49	0.0
2	3955	3956	SN	1	-34.864	18.06	0.0	-34.481	19.655	0.0	-11.373	22.863	0.035	-7.885	23.089	0.092	0.083	211.44	2.817	0.083	193.558	2.085	0.083	1.011	0.002	0.083	0.49	0.0
3	3956	3957	NS	1	-34.976	21.44	0.0	-34.943	21.781	0.0	1.572	22.457	0.01	-1.257	24.129	0.266	0.083	216.933	3.134	0.083	215.309	3.498	0.083	0.123	0.0	0.083	0.164	0.0
4	3956	3957	SN	1	-33.669	18.919	0.0	-34.224	20.654	0.0	-24.668	21.869	0.0	-27.495	24.178	0.227	0.083	160.565	2.264	0.083	187.057	1.732	0.083	20.264	0.117	0.083	38.793	0.122
5	3956	3957	SN	1	-33.669	18.919	0.0	-34.224	20.654	0.0	-24.668	21.869	0.0	-27.495	24.178	0.226	0.083	160.565	2.347	0.083	187.057	1.766	0.083	20.264	0.114	0.083	38.793	0.119
6	3957	3958	SN	1	-34.977	18.945	0.0	-34.908	19.836	0.0	-5.167	22.139	0.003	-11.031	23.654	0.398	0.083	217.001	3.973	0.083	213.514	3.097	0.083	0.295	0.0	0.083	0.94	0.0
7	3957	3958	SN	1	-34.977	18.945	0.0	-34.908	19.836	0.0	-5.167	22.139	0.003	-11.031	23.654	0.409	0.083	217.001	3.903	0.083	213.514	3.069	0.083	0.295	0.0	0.083	0.94	0.0
8	3957	3958	NS	1	-34.696	22.079	0.001	-34.004	21.794	0.0	-28.598	21.985	0.0	-17.683	23.703	0.159	0.083	203.349	2.498	0.083	173.439	2.362	0.083	49.993	0.016	0.083	4.108	0.017
9	3958	3959	SN	1	-34.843	18.557	0.0	-34.903	19.401	0.0	1.886	21.971	0.0	2.452	22.687	0.162	0.083	210.342	2.667	0.083	213.277	2.208	0.083	0.12	0.0	0.083	0.115	0.0
10	3958	3959	NS	1	-34.56	15.721	0.0	-34.318	15.743	0.0	-9.101	21.386	0.0	-20.485	23.502	0.083	0.084	197.086	1.937	0.084	186.472	1.482	0.083	0.626	0.0	0.083	7.774	0.024
11	3961	3962	SN	1	-34.631	16.632	0.0	-34.41	19.284	0.0	0.871	23.309	0.125	2.765	23.013	0.369	0.084	200.387	4.408	0.083	190.413	4.128	0.083	0.131	0.0	0.083	0.113	0.0
12	3961	3962	NS	1	-34.88	19.899	0.0	-34.617	20.226	0.0	-15.634	23.207	0.163	-17.23	23.583	0.541	0.083	212.142	2.714	0.083	199.733	2.283	0.083	2.588	0.02	0.083	3.708	0.013
13	3961	3962	SN	1	-34.631	18.721	0.0	-34.41	19.284	0.0	0.871	23.309	0.121	2.765	23.013	0.371	0.083	200.387	4.465	0.083	190.413	3.922	0.083	0.131	0.0	0.083	0.113	0.0
14	3962	3963	NS	1	-34.238	19.007	0.0	-34.66	20.795	0.0	3.037	22.788	0.064	2.406	24.12	0.91	0.083	183.055	3.718	0.083	201.698	2.744	0.083	0.111	0.0	0.083	0.116	0.0
15	3962	3963	SN	1	-34.727	16.76	0.0	-34.946	18.328	0.0	-15.906	25.382	0.309	-8.087	24.048	0.945	0.084	204.852	8.766	0.083	215.411	7.925	0.083	2.751	0.003	0.083	0.51	0.0
16	3962	3963	SN	1	-34.727	16.76	0.0	-34.83	18.328	0.0	-15.906	25.382	0.31	-8.087	24.048	1.137	0.084	204.852	8.972	0.083	209.8	7.771	0.083	2.751	0.003	0.083	0.51	0.0
17	3963	3964	NS	1	-34.772	18.252	0.0	-34.855	19.24	0.0	-3.191	22.809	0.046	-2.775	24.189	1.363	0.083	206.92	3.979	0.083	210.933	3.191	0.083	0.214	0.0	0.083	0.201	0.0
18	3963	3964	NS	1	-34.772	18.252	0.0	-34.855	19.24	0.0	-3.191	22.809	0.046	-2.775	24.189	1.364	0.083	206.92	3.985	0.083	210.933	3.194	0.083	0.214	0.0	0.083	0.201	0.0
19	3970	3971	NS	1	-34.721	21.657	0.0	-34.937	22.254	0.001	2.697	24.027	0.075	2.045	23.341	0.568	0.083	204.542	5.635	0.083	214.966	5.699	0.083	0.114	0.0	0.083	0.119	0.0
20	3970	3971	SN	1	-34.98	19.041	0.0	-34.97	20.357	0.0	-30.044	22.873	0.015	-24.889	23.802	0.173	0.083	217.175	5.583	0.083	216.59	4.434	0.083	69.73	0.019	0.083	21.324	0.017
21	3970	3971	SN	1	-34.98	19.041	0.0	-34.97	20.357	0.0	-30.044	22.873	0.015	-24.889	23.802	0.177	0.083	217.175	5.337	0.083	216.59	4.136	0.083	69.73	0.019	0.083	21.324	0.017
22	3971	3972	SN	1	-34.696	18.49	0.0	-34.967	20.552	0.0	-16.976	21.709	0.0	-12.309	24.311	0.25	0.083	203.387	2.548	0.083	216.422	2.09	0.083	3.502	0.004	0.083	1.238	0.002
23	3971	3972	NS	1	-34.275	21.606	0.0	-34.801	23.075	0.004	-19.532	21.754	0.0	-8.813	23.895	0.17	0.083	184.591	1.575	0.083	208.328	1.696	0.083	6.255	0.002	0.083	0.591	0.0
24	3974	3975	SN	1	-34.959	17.978	0.0	-34.909	19.536	0.0	1.702	21.579	0.0	3.498	22.885	0.326	0.083	216.044	3.804	0.083	219.032	3.324	0.083	0.122	0.0	0.083	0.108	0.0
25	3974	3975	SN	1	-34.959	17.978	0.0	-34.909	19.536	0.0	1.702	21.579	0.0	3.498	22.885	0.251	0.083	216.044	3.724	0.083	219.032	3.314	0.083	0.122	0.0	0.083	0.108	0.0
26	3974	3975	NS	1	-34.226	13.758	0.0	-34.371	15.639	0.0	-9.962	23.314	0.03	-12.778	23.312	0.084	0.085	182.502	2.404	0.084	188.736	2.192	0.083	0.749	0.0	0.083	1.372	0.002
27	3975	3976	SN	1	-34.917	18.937	0.0	-34.881	19.596	0.0	1.301	21.355	0.0	4.46	21.436	0.0	0.083	214.011	4.323	0.083	212.223	4.049	0.083	0.126	0.0	0.083	0.103	0.0
28	3975	3976	SN	1	-34.917	18.937	0.0	-34.881	19.596	0.0	1.301	21.355	0.0	4.372	21.845	0.0	0.083	214.011	4.348	0.083	212.223	4.046	0.083	0.126	0.0	0.083	0.103	0.0
29	3975	3976	NS	1	-34.057	16.799	0.0	-34.382	18.547	0.0	-17.422	21.573	0.0	-19.592	22.82	0.123	0.084	175.534	2.555	0.083	189.183	1.996	0.083	3.873	0.009	0.083	6.343	0.013
30	3976	3977	SN	1	-34.979	17.351	0.0	-34.997	18.283	0.0	-2.999	23.068	0.175	-8.075	23.759	0.764	0.084	217.072	5.263	0.083	218.004	4.154	0.083	0.208	0.0	0.083	0.509	0.0
31	3976	3977	NS	1	-34.974	18.988	0.0	-34.868	20.169	0.0	-1.633	22.385	0.032	-1.002	24.113	0.737	0.083	216.843	2.862	0.083	211.564	2.445	0.083	0.172	0.0	0.083	0.159	0.0
32	3976	3977	SN	1	-34.979	17.351	0.0	-34.997	18.283	0.0	-2.999	23.068	0.183	-8.075	23.759	0.859	0.084	217.072	5.421	0.083	218.004	4.288	0.083	0.208	0.0	0.083	0.509	0.0

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

33	3977	3978	SN	1	-34.96	19.777	0.0	-34.933	19.264	0.0	-7.247	22.986	0.07	-9.302	24.254	0.942	0.083	216.152	5.469	0.083	214.741	5.592	0.083	0.433	0.0	0.083	0.653	0.0
34	3977	3978	SN	1	-34.96	19.777	0.0	-34.933	19.264	0.0	-7.122	22.986	0.066	-9.302	24.254	0.649	0.083	216.152	5.282	0.083	214.741	5.274	0.083	0.422	0.0	0.083	0.653	0.0
35	3977	3978	NS	1	-34.594	19.281	0.0	-34.881	20.203	0.0	1.561	22.74	0.048	1.148	24.081	0.926	0.083	198.634	5.171	0.083	212.261	4.216	0.083	0.124	0.0	0.083	0.128	0.0
36	3978	3979	NS	1	-34.759	18.057	0.0	-34.756	20.648	0.0	-1.268	22.515	0.017	-5.266	24.307	2.164	0.083	206.374	3.191	0.083	206.247	3.03	0.083	0.165	0.0	0.083	0.3	0.0

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