

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

Report between 30-JUN-2019 To 01-JUL-2019

					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	14598	14599	SN	1	48.782	49.428	0.0	0.003	280.581	2.014	1035.832	1075.656	0.0	-91.824	-90.055	0.0
2	14598	14599	SN	1	48.786	49.441	0.0	0.0	280.581	2.75	1035.832	1075.656	0.0	-91.799	-90.055	0.0
3	14598	14599	SN	1	48.786	49.441	0.0	0.003	280.581	2.012	1035.832	1075.656	0.0	-91.799	-90.055	0.0
4	14599	14600	NS	1	48.753	49.337	0.0	0.0	210.761	2.679	1038.344	1075.496	0.0	-91.776	-90.087	0.0
5	14599	14600	SN	2	48.772	49.402	0.0	0.003	213.568	2.63	1034.76	1075.6	0.0	-91.924	-90.044	0.0
6	14599	14600	SN	1	48.772	49.402	0.0	0.003	213.568	2.63	1034.76	1075.6	0.0	-91.924	-90.044	0.0
7	14599	14600	NS	1	48.753	49.337	0.0	0.0	210.761	2.681	1038.344	1075.496	0.0	-91.776	-90.087	0.0
8	14600	14601	NS	1	48.772	49.338	0.0	0.003	12.563	2.491	1039.424	1075.68	0.0	-92.471	-90.049	0.0
9	14600	14601	SN	2	48.758	49.373	0.0	0.003	29.491	2.379	1034.504	1075.776	0.0	-91.699	-90.073	0.0
10	14600	14601	NS	1	48.772	49.338	0.0	0.003	12.563	2.489	1039.424	1075.68	0.0	-92.471	-90.049	0.0
11	14600	14601	SN	1	48.758	49.373	0.0	0.003	29.491	2.379	1034.504	1075.776	0.0	-91.699	-90.073	0.0
12	14600	14601	SN	1	48.758	49.373	0.0	0.003	29.491	2.526	1034.504	1075.776	0.0	-91.699	-90.073	0.0
13	14601	14602	NS	1	48.774	49.338	0.0	0.0	210.634	2.685	1039.528	1075.624	0.0	-91.738	-90.103	0.0
14	14601	14602	SN	1	48.754	49.373	0.0	0.003	28.703	2.551	1034.504	1075.704	0.0	-91.837	-90.072	0.0
15	14601	14602	SN	2	48.754	49.373	0.0	0.003	28.703	2.552	1034.504	1075.704	0.0	-91.837	-90.072	0.0
16	14601	14602	NS	1	48.774	49.338	0.0	0.0	210.634	2.683	1039.528	1075.624	0.0	-91.738	-90.103	0.0
17	14601	14602	SN	1	48.754	49.373	0.0	0.003	28.703	2.321	1034.504	1075.704	0.0	-91.837	-90.072	0.0
18	14602	14603	NS	1	48.774	49.36	0.0	0.003	266.959	2.596	1039.568	1075.504	0.0	-91.803	-90.069	0.0
19	14602	14603	SN	1	48.797	49.372	0.0	0.003	6.315	2.166	1034.592	1075.568	0.0	-91.666	-90.071	0.0
20	14602	14603	NS	1	48.774	49.359	0.0	0.003	266.959	2.592	1039.576	1075.496	0.0	-91.802	-90.069	0.0
21	14602	14603	SN	1	48.797	49.371	0.0	0.003	276.506	2.543	1034.592	1075.568	0.0	-91.684	-90.072	0.0
22	14603	14604	SN	1	48.779	49.37	0.0	0.003	29.072	2.57	1034.568	1075.472	0.0	-92.682	-90.072	0.0
23	14603	14604	NS	1	48.728	49.364	0.0	0.003	18.15	2.674	1039.536	1075.408	0.0	-91.762	-90.091	0.0
24	14604	14605	SN	1	48.752	49.372	0.0	0.003	214.252	1.763	1034.736	1075.408	0.0	-91.657	-90.073	0.0
25	14604	14605	NS	1	48.771	49.395	0.0	0.003	13.203	2.54	1039.408	1075.304	0.0	-91.795	-90.103	0.0
26	14604	14605	SN	2	48.752	49.372	0.0	0.003	214.252	2.629	1034.736	1075.408	0.0	-91.657	-90.073	0.0
27	14604	14605	NS	1	48.731	49.397	0.0	0.003	207.325	2.544	1039.296	1075.312	0.0	-91.795	-90.102	0.0
28	14604	14605	SN	1	48.752	49.372	0.0	0.003	214.252	2.629	1034.736	1075.408	0.0	-91.657	-90.073	0.0
29	14605	14606	NS	1	48.729	49.395	0.0	0.0	41.597	2.708	1039.168	1075.44	0.0	-91.838	-90.099	0.0
30	14605	14606	SN	1	48.798	49.384	0.0	0.003	6.315	2.674	1035.88	1075.528	0.0	-91.77	-90.067	0.0
31	14605	14606	SN	2	48.798	49.384	0.0	0.003	6.315	2.673	1035.88	1075.528	0.0	-91.77	-90.067	0.0
32	14605	14606	SN	1	48.798	49.384	0.0	0.003	6.315	1.574	1035.88	1075.528	0.0	-91.77	-90.067	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	14605	14606	NS	1	48.716	49.361	0.0	0.0	41.597	2.705	1039.168	1075.44	0.0	-91.795	-90.099	0.0
34	14606	14607	NS	2	48.709	49.402	0.0	0.003	210.645	2.628	1039.16	1075.488	0.0	-91.715	-90.075	0.0
35	14606	14607	NS	1	48.71	49.401	0.0	0.003	210.645	2.629	1039.168	1075.488	0.0	-91.715	-90.075	0.0
36	14606	14607	SN	1	48.772	49.373	0.0	0.003	281.717	2.573	1035.752	1075.608	0.0	-91.468	-90.038	0.0
37	14607	14608	SN	1	48.759	49.374	0.0	0.003	282.478	2.551	1035.28	1075.528	0.0	-92.061	-90.078	0.0
38	14607	14608	NS	1	48.732	49.394	0.0	0.003	19.082	2.722	1038.544	1075.384	0.0	-92.203	-90.08	0.0
39	14608	14609	NS	1	48.745	49.338	0.0	0.003	267.284	2.614	1038.912	1075.288	0.0	-91.801	-90.1	0.0
40	14608	14609	SN	1	48.759	49.373	0.0	0.003	6.32	2.625	1035.928	1075.48	0.0	-91.737	-90.054	0.0
41	14609	14610	NS	1	48.711	49.36	0.0	0.0	43.431	2.55	1039.12	1074.656	0.0	-93.179	-90.098	0.0
42	14609	14610	NS	1	48.711	49.36	0.0	0.0	43.431	2.735	1039.12	1075.432	0.0	-93.179	-90.098	0.0
43	14609	14610	SN	1	48.794	49.431	0.0	0.003	281.723	2.604	1035.904	1075.552	0.0	-91.773	-90.062	0.0
44	14609	14610	SN	1	48.794	49.431	0.0	0.003	28.201	2.603	1035.888	1075.552	0.0	-91.742	-90.062	0.0
45	14610	14611	NS	2	48.709	49.38	0.0	0.003	267.246	2.587	1038.064	1075.456	0.0	-92.1	-90.097	0.0
46	14610	14611	SN	1	48.811	49.374	0.0	0.003	215.813	2.579	1035.904	1075.504	0.0	-91.711	-90.072	0.0
47	14610	14611	NS	1	48.709	49.38	0.0	0.003	267.246	1.969	1038.064	1074.072	0.0	-92.1	-90.097	0.0
48	14610	14611	SN	1	48.8	49.374	0.0	0.003	215.813	2.577	1035.904	1075.504	0.0	-92.456	-90.072	0.0
49	14610	14611	NS	1	48.709	49.38	0.0	0.003	267.246	2.577	1038.064	1075.456	0.0	-92.1	-90.097	0.0
50	14611	14612	SN	1	48.749	49.376	0.0	0.003	29.706	2.576	1035.336	1075.6	0.0	-92.202	-90.078	0.0
51	14611	14612	NS	1	48.706	49.379	0.0	0.003	41.591	1.559	1037.992	1073.504	0.0	-92.078	-90.095	0.0
52	14611	14612	NS	1	48.706	49.379	0.0	0.003	41.591	2.629	1037.992	1075.44	0.0	-92.078	-90.095	0.0
53	14611	14612	NS	2	48.706	49.379	0.0	0.003	41.591	2.639	1037.992	1075.432	0.0	-92.078	-90.095	0.0
54	14611	14612	SN	2	48.749	49.376	0.0	0.003	29.706	2.577	1035.336	1075.6	0.0	-92.202	-90.078	0.0
55	14612	14613	NS	1	48.714	49.403	0.0	0.0	210.397	2.617	1037.816	1075.304	0.0	-91.844	-90.08	0.0
56	14612	14613	SN	1	48.757	49.422	0.0	0.0	236.742	2.727	1036.232	1075.632	0.0	-91.782	-90.08	0.0
57	14612	14613	NS	1	48.714	49.403	0.0	0.003	210.403	1.556	1037.816	1071.176	0.0	-91.832	-90.08	0.0
58	14612	14613	NS	1	48.714	49.403	0.0	0.0	210.403	1.76	1037.816	1074.336	0.0	-91.832	-90.08	0.0
59	14612	14613	NS	1	48.714	49.403	0.0	0.0	210.403	2.618	1037.816	1075.304	0.0	-91.853	-90.08	0.0
60	14612	14613	SN	1	48.757	49.422	0.0	0.0	236.742	1.019	1036.232	1075.632	0.0	-91.782	-90.08	0.0
61	14612	14613	SN	1	48.788	49.381	0.0	0.0	278.044	2.886	1035.504	1075.632	0.0	-91.77	-90.08	0.0
62	14613	14614	SN	2	48.806	49.374	0.0	0.003	6.315	2.757	1035.368	1075.448	0.0	-91.872	-90.029	0.0
63	14613	14614	SN	1	48.806	49.374	0.0	0.003	6.315	2.756	1035.368	1075.448	0.0	-91.872	-90.029	0.0
64	14613	14614	NS	1	48.703	49.347	0.0	0.0	264.687	2.804	1038.296	1075.296	0.0	-91.689	-90.08	0.0
65	14613	14614	NS	1	48.703	49.347	0.0	0.0	264.687	2.807	1038.296	1075.296	0.0	-91.673	-90.08	0.0
66	14613	14614	SN	1	48.806	49.374	0.0	0.003	6.315	2.451	1035.368	1075.448	0.0	-91.872	-90.029	0.0
67	14614	14615	SN	1	48.795	49.373	0.0	0.003	281.706	2.409	1034.912	1075.624	0.0	-91.57	-90.059	0.0
68	14614	14615	SN	1	48.795	49.373	0.0	0.003	281.706	2.558	1034.912	1075.624	0.0	-91.57	-90.059	0.0
69	14614	14615	SN	2	48.795	49.374	0.0	0.003	281.712	2.409	1034.92	1075.624	0.0	-91.57	-90.059	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





70	14614	14615	NS	1	48.771	49.337	0.0	0.003	264.632	2.489	1038.184	1075.488	0.0	-91.72	-90.072	0.0
71	14614	14615	NS	1	48.771	49.337	0.0	0.003	264.632	2.49	1038.544	1075.496	0.0	-91.72	-90.072	0.0
72	14615	14616	SN	1	48.725	49.64	0.0	0.0	215.818	2.904	1034.776	1075.672	0.0	-94.623	-90.075	0.0
73	14615	14616	NS	1	48.771	49.338	0.0	0.0	264.031	2.59	1038.448	1075.568	0.0	-91.712	-90.08	0.0
74	14615	14616	NS	1	48.771	49.338	0.0	0.0	264.031	1.741	1038.56	1066.144	0.0	-91.633	-90.08	0.0
75	14616	14617	SN	1	48.784	49.373	0.0	0.003	6.315	2.256	1034.912	1075.552	0.0	-91.75	-90.062	0.0
76	14616	14617	NS	1	48.763	49.338	0.0	0.003	267.323	2.604	1038.4	1075.464	0.0	-91.79	-90.08	0.0
77	14616	14617	NS	1	48.735	49.34	0.0	0.003	267.323	2.602	1038.4	1075.464	0.0	-91.764	-90.08	0.0
78	14616	14617	SN	1	48.784	49.373	0.0	0.003	6.315	2.553	1034.912	1075.552	0.0	-91.686	-90.062	0.0
79	14617	14618	SN	1	48.688	49.392	0.0	0.003	181.162	2.084	1034.72	1075.472	0.0	-91.717	-90.075	0.0
80	14617	14618	NS	1	48.737	49.337	0.0	0.0	44.936	2.742	1039.248	1075.384	0.0	-91.8	-90.092	0.0
81	14617	14618	SN	1	48.688	49.392	0.0	0.003	181.162	2.546	1034.72	1075.472	0.0	-91.717	-90.075	0.0
82	14618	14619	SN	1	48.771	49.372	0.0	0.003	215.642	2.577	1034.792	1075.352	0.0	-91.727	-90.075	0.0
83	14618	14619	SN	1	48.771	49.372	0.0	0.003	215.642	2.385	1034.792	1075.352	0.0	-91.727	-90.075	0.0
84	14618	14619	NS	1	48.721	49.37	0.0	0.003	206.581	2.584	1039.16	1075.256	0.0	-91.806	-90.095	0.0
85	14618	14619	NS	1	48.729	49.34	0.0	0.003	206.581	2.582	1039.16	1075.256	0.0	-91.774	-90.095	0.0
86	14619	14620	SN	1	48.795	49.373	0.0	0.003	6.304	2.65	1035.192	1075.384	0.0	-91.788	-90.046	0.0
87	14619	14620	NS	1	48.708	49.389	0.0	0.003	210.309	2.627	1039.008	1075.24	0.0	-91.754	-90.098	0.0
88	14619	14620	NS	2	48.708	49.389	0.0	0.003	210.309	2.628	1038.984	1075.256	0.0	-91.754	-90.098	0.0
89	14619	14620	SN	1	48.804	49.373	0.0	0.003	6.304	2.648	1035.192	1075.384	0.0	-91.676	-90.046	0.0
90	14619	14620	SN	1	48.795	49.373	0.0	0.003	6.304	1.65	1035.192	1075.384	0.0	-91.594	-90.046	0.0
91	14620	14621	NS	1	48.721	49.394	0.0	0.003	41.707	2.599	1037.968	1075.368	0.0	-91.821	-90.094	0.0
92	14620	14621	SN	1	48.806	49.405	0.0	0.003	214.936	2.602	1035.336	1075.504	0.0	-91.991	-90.064	0.0
93	14620	14621	SN	1	48.806	49.405	0.0	0.003	214.936	1.545	1035.336	1075.504	0.0	-91.991	-90.064	0.0
94	14620	14621	NS	2	48.72	49.395	0.0	0.003	41.707	2.6	1037.952	1075.384	0.0	-91.821	-90.094	0.0
95	14621	14622	SN	1	48.766	49.374	0.0	0.003	6.315	2.538	1036.256	1075.488	0.0	-91.676	-90.05	0.0
96	14621	14622	NS	1	48.734	49.37	0.0	0.0	264.378	2.806	1038.72	1075.36	0.0	-91.807	-90.08	0.0
97	14622	14623	SN	1	48.809	49.374	0.0	0.003	215.361	2.568	1036.184	1075.408	0.0	-91.803	-90.08	0.0
98	14622	14623	NS	1	48.74	49.337	0.0	0.003	14.841	2.659	1038.496	1075.216	0.0	-91.793	-90.078	0.0
99	14623	14624	NS	1	48.772	49.352	0.0	0.003	267.213	2.663	1038.744	1075.24	0.0	-91.882	-90.097	0.0
100	14623	14624	SN	1	48.76	49.374	0.0	0.003	215.322	2.65	1035.76	1075.44	0.0	-91.854	-90.046	0.0
101	14623	14624	NS	1	48.772	49.352	0.0	0.003	267.213	2.603	1038.744	1075.056	0.0	-91.882	-90.097	0.0
102	14624	14625	NS	1	48.747	49.373	0.0	0.0	203.801	2.635	1037.784	1075.336	0.0	-91.679	-90.096	0.0
103	14624	14625	NS	1	48.746	49.373	0.0	0.0	203.801	2.638	1037.776	1075.336	0.0	-91.768	-90.095	0.0
104	14624	14625	NS	1	48.746	49.373	0.0	0.003	15.001	2.064	1037.776	1073.976	0.0	-91.768	-90.095	0.0
105	14624	14625	SN	1	48.786	49.375	0.0	0.003	6.298	2.584	1036.184	1075.496	0.0	-91.765	-90.057	0.0
106	14625	14626	SN	2	48.766	49.378	0.0	0.003	6.304	2.591	1035.544	1075.504	0.0	-91.691	-90.08	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

107	14625	14626	NS	1	48.718	49.355	0.0	0.003	264.384	2.626	1037.648	1075.32	0.0	-91.761	-90.094	0.0
108	14625	14626	SN	1	48.766	49.378	0.0	0.003	6.304	2.591	1035.544	1075.504	0.0	-91.691	-90.08	0.0
109	14625	14626	NS	1	48.718	49.355	0.0	0.003	264.384	1.725	1037.648	1073.92	0.0	-91.761	-90.094	0.0
110	14625	14626	NS	1	48.718	49.355	0.0	0.003	264.384	2.624	1037.68	1075.32	0.0	-92.271	-90.094	0.0
111	14626	14627	NS	1	48.706	49.392	0.0	0.003	263.992	2.568	1037.44	1075.4	0.0	-91.793	-90.092	0.0
112	14626	14627	NS	1	48.706	49.392	0.0	0.003	263.992	1.512	1037.624	1072.448	0.0	-91.798	-90.092	0.0
113	14626	14627	SN	1	48.789	49.438	0.0	0.003	29.149	2.66	1036.288	1075.584	0.0	-91.841	-90.082	0.0
114	14626	14627	SN	1	48.789	49.438	0.0	0.003	29.149	1.528	1036.288	1075.584	0.0	-91.841	-90.082	0.0
115	14626	14627	NS	1	48.706	49.392	0.0	0.003	263.992	2.57	1037.624	1075.4	0.0	-91.735	-90.092	0.0
116	14627	14628	NS	1	48.678	49.343	0.0	0.003	267.235	2.71	1037.624	1075.344	0.0	-91.738	-90.093	0.0
117	14627	14628	NS	1	48.721	49.343	0.0	0.003	206.989	2.706	1037.72	1075.344	0.0	-91.723	-90.093	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

112	14626	14627	NS	1	-34.942	19.237	0.0	-34.886	25.467	0.028	7.352	28.621	2.129	7.257	26.813	2.69	0.117	302.439	9.053	0.116	298.6	8.338	0.116	0.13	0.0	0.116	0.13	0.0
113	14626	14627	SN	1	-34.79	19.489	0.0	-34.926	19.853	0.0	5.709	28.439	23.944	5.282	29.91	25.709	0.117	292.072	3.658	0.116	301.354	3.281	0.116	0.137	0.0	0.116	0.139	0.0
114	14626	14627	SN	1	-34.79	19.489	0.0	-34.926	19.853	0.0	5.723	28.439	24.574	5.32	29.91	25.351	0.117	292.072	3.565	0.116	301.354	3.508	0.116	0.137	0.0	0.116	0.139	0.0
115	14626	14627	NS	1	-34.942	24.864	0.026	-34.886	25.467	0.028	7.208	28.949	17.707	7.257	29.372	28.298	0.116	302.439	8.882	0.116	298.6	8.338	0.116	0.13	0.0	0.116	0.13	0.0
116	14627	14628	NS	1	-34.583	24.755	0.034	-34.756	25.306	0.04	-4.701	29.987	11.416	-1.712	28.697	20.443	0.116	278.433	6.502	0.116	289.783	5.692	0.116	0.382	0.0	0.116	0.244	0.0
117	14627	14628	NS	1	-34.308	24.754	0.034	-34.852	25.306	0.04	-4.701	29.987	11.427	-1.709	28.697	20.389	0.116	261.318	6.513	0.116	296.231	5.697	0.116	0.382	0.0	0.116	0.244	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	14598	14599	SN	1	57.598	58.209	0.0	0.003	299.531	3.229	1213.68	1263.592	0.0	-93.138	-92.093	0.0
2	14598	14599	SN	1	57.589	58.228	0.0	0.0	299.531	4.01	1213.68	1263.592	0.0	-93.518	-92.093	0.0
3	14598	14599	SN	1	57.589	58.228	0.0	0.003	299.531	3.226	1213.68	1263.592	0.0	-93.26	-92.093	0.0
4	14599	14600	NS	1	57.54	58.15	0.0	0.0	299.911	3.778	1217.184	1263.216	0.0	-93.436	-92.121	0.0
5	14599	14600	SN	2	57.589	58.211	0.0	0.0	299.707	3.849	1213.024	1263.52	0.0	-93.127	-92.083	0.0
6	14599	14600	SN	1	57.589	58.211	0.0	0.0	299.707	3.849	1213.024	1263.52	0.0	-93.127	-92.083	0.0
7	14599	14600	NS	1	57.54	58.165	0.0	0.0	299.911	3.781	1217.184	1263.216	0.0	-93.436	-92.121	0.0
8	14600	14601	NS	1	57.542	58.151	0.0	0.0	296.79	3.555	1218.144	1263.448	0.0	-93.29	-92.092	0.0
9	14600	14601	SN	2	57.575	58.206	0.0	0.003	283.598	3.297	1212.568	1263.728	0.0	-93.011	-92.113	0.0
10	14600	14601	NS	1	57.542	58.151	0.0	0.0	296.79	3.551	1218.144	1263.448	0.0	-93.29	-92.092	0.0
11	14600	14601	SN	1	57.575	58.206	0.0	0.003	283.598	3.297	1212.568	1263.728	0.0	-93.011	-92.113	0.0
12	14600	14601	SN	1	57.575	58.206	0.0	0.0	283.598	3.69	1212.568	1263.728	0.0	-93.011	-92.113	0.0
13	14601	14602	NS	1	57.529	58.15	0.0	0.0	291.545	3.725	1218.4	1263.384	0.0	-93.105	-92.141	0.0
14	14601	14602	SN	1	57.575	58.244	0.0	0.0	299.911	3.695	1212.584	1263.632	0.0	-93.143	-92.112	0.0
15	14601	14602	SN	2	57.575	58.244	0.0	0.0	299.867	3.695	1212.584	1263.632	0.0	-93.143	-92.112	0.0
16	14601	14602	NS	1	57.529	58.15	0.0	0.0	291.545	3.723	1218.4	1263.384	0.0	-93.084	-92.141	0.0
17	14601	14602	SN	1	57.575	58.244	0.0	0.0	282.622	3.285	1212.584	1263.632	0.0	-93.143	-92.112	0.0
18	14602	14603	NS	1	57.559	58.151	0.0	0.0	293.222	3.685	1218.448	1263.24	0.0	-93.136	-92.112	0.0
19	14602	14603	SN	1	57.59	58.205	0.0	0.0	281.497	3.253	1212.56	1263.48	0.0	-93.026	-92.11	0.0
20	14602	14603	NS	1	57.554	58.15	0.0	0.0	293.166	3.685	1218.216	1263.232	0.0	-93.119	-92.112	0.0
21	14602	14603	SN	1	57.588	58.204	0.0	0.0	298.753	3.738	1212.552	1263.472	0.0	-93.057	-92.111	0.0
22	14603	14604	SN	1	57.57	58.204	0.0	0.0	297.81	3.712	1212.808	1263.352	0.0	-93.116	-92.112	0.0
23	14603	14604	NS	1	57.529	58.177	0.0	0.0	295.962	3.732	1218.432	1263.12	0.0	-93.143	-92.126	0.0
24	14604	14605	SN	1	57.579	58.207	0.0	0.003	297.165	2.919	1212.832	1263.288	0.0	-93.053	-92.102	0.0
25	14604	14605	NS	1	57.555	58.185	0.0	0.0	299.04	3.685	1218.256	1263.0	0.0	-93.156	-92.139	0.0
26	14604	14605	SN	2	57.579	58.207	0.0	0.0	297.165	3.833	1212.832	1263.288	0.0	-93.053	-92.102	0.0
27	14604	14605	NS	1	57.528	58.178	0.0	0.0	298.781	3.691	1218.224	1263.008	0.0	-93.228	-92.139	0.0
28	14604	14605	SN	1	57.579	58.207	0.0	0.0	297.165	3.833	1212.832	1263.288	0.0	-93.053	-92.102	0.0
29	14605	14606	NS	1	57.527	58.183	0.0	0.0	295.251	3.764	1217.912	1263.136	0.0	-93.183	-92.137	0.0
30	14605	14606	SN	1	57.591	58.241	0.0	0.0	295.814	3.87	1213.776	1263.456	0.0	-93.176	-92.102	0.0
31	14605	14606	SN	2	57.591	58.241	0.0	0.0	295.814	3.87	1213.776	1263.456	0.0	-93.176	-92.102	0.0
32	14605	14606	SN	1	57.591	58.241	0.0	0.0	293.177	2.615	1213.776	1263.456	0.0	-93.176	-92.102	0.0
33	14605	14606	NS	1	57.527	58.178	0.0	0.0	295.251	3.761	1217.976	1263.136	0.0	-93.209	-92.137	0.0
34	14606	14607	NS	2	57.516	58.176	0.0	0.0	294.396	3.786	1217.96	1263.216	0.0	-93.127	-92.108	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	14606	14607	NS	1	57.516	58.176	0.0	0.0	294.413	3.785	1217.968	1263.216	0.0	-93.127	-92.108	0.0
36	14606	14607	SN	1	57.59	58.207	0.0	0.0	299.205	3.745	1213.848	1263.552	0.0	-93.082	-92.075	0.0
37	14607	14608	SN	1	57.58	58.208	0.0	0.0	294.016	3.711	1213.84	1263.968	0.0	-93.171	-92.118	0.0
38	14607	14608	NS	1	57.53	58.169	0.0	0.0	296.917	3.913	1217.272	1263.096	0.0	-93.184	-92.112	0.0
39	14608	14609	NS	1	57.559	58.151	0.0	0.0	299.586	3.72	1218.048	1262.968	0.0	-93.104	-92.137	0.0
40	14608	14609	SN	1	57.573	58.208	0.0	0.0	294.247	3.845	1213.792	1263.408	0.0	-93.085	-92.086	0.0
41	14609	14610	NS	1	57.527	58.164	0.0	0.0	295.323	3.358	1217.152	1261.896	0.0	-93.044	-92.136	0.0
42	14609	14610	NS	1	57.527	58.164	0.0	0.0	298.808	3.786	1217.152	1263.184	0.0	-93.044	-92.136	0.0
43	14609	14610	SN	1	57.595	58.218	0.0	0.0	299.404	3.796	1213.808	1263.504	0.0	-93.062	-92.093	0.0
44	14609	14610	SN	1	57.602	58.218	0.0	0.0	299.459	3.795	1213.792	1263.496	0.0	-93.068	-92.093	0.0
45	14610	14611	NS	2	57.525	58.172	0.0	0.003	298.836	3.692	1216.936	1263.224	0.0	-93.179	-92.134	0.0
46	14610	14611	SN	1	57.586	58.208	0.0	0.0	298.356	3.725	1213.792	1263.416	0.0	-93.072	-92.111	0.0
47	14610	14611	NS	1	57.525	58.172	0.0	0.003	297.336	2.998	1216.936	1261.616	0.0	-93.179	-92.134	0.0
48	14610	14611	SN	1	57.602	58.208	0.0	0.0	298.356	3.722	1213.792	1263.416	0.0	-93.216	-92.111	0.0
49	14610	14611	NS	1	57.525	58.176	0.0	0.003	298.836	3.678	1216.936	1263.224	0.0	-93.179	-92.134	0.0
50	14611	14612	SN	1	57.584	58.21	0.0	0.0	298.378	3.746	1213.928	1263.536	0.0	-93.261	-92.118	0.0
51	14611	14612	NS	1	57.52	58.158	0.0	0.0	299.58	2.42	1216.648	1261.216	0.0	-93.087	-92.133	0.0
52	14611	14612	NS	1	57.52	58.158	0.0	0.0	299.58	3.756	1216.648	1263.144	0.0	-93.106	-92.133	0.0
53	14611	14612	NS	2	57.52	58.158	0.0	0.0	299.58	3.769	1216.648	1263.144	0.0	-93.106	-92.133	0.0
54	14611	14612	SN	2	57.584	58.21	0.0	0.0	298.372	3.749	1213.936	1263.536	0.0	-93.261	-92.118	0.0
55	14612	14613	NS	1	57.526	58.171	0.0	0.0	294.109	3.843	1216.696	1262.872	0.0	-93.222	-92.108	0.0
56	14612	14613	SN	1	57.585	58.213	0.0	0.0	279.914	3.484	1214.384	1263.576	0.0	-93.122	-92.12	0.0
57	14612	14613	NS	1	57.526	58.171	0.0	0.0	290.8	2.168	1216.696	1258.768	0.0	-93.083	-92.108	0.0
58	14612	14613	NS	1	57.526	58.171	0.0	0.0	290.8	2.337	1216.696	1261.624	0.0	-93.222	-92.108	0.0
59	14612	14613	NS	1	57.526	58.171	0.0	0.0	294.109	3.845	1216.696	1262.872	0.0	-93.222	-92.108	0.0
60	14612	14613	SN	1	57.585	58.213	0.0	0.0	236.935	1.256	1214.384	1263.576	0.0	-93.122	-92.12	0.0
61	14612	14613	SN	1	57.584	58.216	0.0	0.0	286.819	4.105	1214.384	1263.576	0.0	-93.041	-92.12	0.0
62	14613	14614	SN	2	57.587	58.227	0.0	0.0	298.803	4.031	1213.48	1263.344	0.0	-93.138	-92.072	0.0
63	14613	14614	SN	1	57.587	58.227	0.0	0.0	298.753	4.03	1213.48	1263.344	0.0	-93.138	-92.072	0.0
64	14613	14614	NS	1	57.517	58.148	0.0	0.0	295.538	3.96	1216.928	1262.976	0.0	-93.121	-92.118	0.0
65	14613	14614	NS	1	57.517	58.148	0.0	0.0	295.538	3.964	1216.928	1262.976	0.0	-93.128	-92.118	0.0
66	14613	14614	SN	1	57.587	58.227	0.0	0.0	281.723	3.57	1213.48	1263.344	0.0	-93.138	-92.072	0.0
67	14614	14615	SN	1	57.592	58.207	0.0	0.0	298.974	3.38	1214.032	1263.568	0.0	-93.056	-92.1	0.0
68	14614	14615	SN	1	57.592	58.281	0.0	0.0	298.974	3.793	1214.032	1263.568	0.0	-95.609	-92.1	0.0
69	14614	14615	SN	2	57.61	58.208	0.0	0.0	297.413	3.38	1214.04	1263.576	0.0	-93.056	-92.1	0.0
70	14614	14615	NS	1	57.554	58.15	0.0	0.0	296.442	3.566	1217.136	1263.216	0.0	-93.05	-92.107	0.0
71	14614	14615	NS	1	57.555	58.149	0.0	0.0	296.398	3.564	1216.992	1263.216	0.0	-93.05	-92.107	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




72	14615	14616	SN	1	57.302	58.236	0.0	0.0	296.801	4.091	1213.208	1263.632	0.0	-95.906	-92.115	0.0
73	14615	14616	NS	1	57.54	58.15	0.0	0.0	298.615	3.659	1217.576	1263.32	0.0	-93.097	-92.111	0.0
74	14615	14616	NS	1	57.536	58.15	0.0	0.0	289.372	2.312	1217.16	1253.0	0.0	-93.048	-92.111	0.0
75	14616	14617	SN	1	57.59	58.206	0.0	0.0	283.057	3.261	1213.0	1263.48	0.0	-93.09	-92.09	0.0
76	14616	14617	NS	1	57.534	58.149	0.0	0.0	295.251	3.673	1217.592	1263.192	0.0	-93.126	-92.114	0.0
77	14616	14617	NS	1	57.53	58.149	0.0	0.0	295.251	3.671	1217.552	1263.192	0.0	-93.122	-92.114	0.0
78	14616	14617	SN	1	57.59	58.206	0.0	0.0	296.751	3.701	1213.0	1263.48	0.0	-93.09	-92.09	0.0
79	14617	14618	SN	1	57.583	58.206	0.0	0.0	294.986	3.148	1213.112	1263.376	0.0	-93.166	-92.115	0.0
80	14617	14618	NS	1	57.528	58.149	0.0	0.0	295.174	3.889	1218.072	1263.096	0.0	-93.143	-92.126	0.0
81	14617	14618	SN	1	57.583	58.206	0.0	0.0	296.249	3.688	1213.112	1263.376	0.0	-93.166	-92.115	0.0
82	14618	14619	SN	1	57.577	58.206	0.0	0.0	296.249	3.727	1213.032	1263.24	0.0	-93.195	-92.115	0.0
83	14618	14619	SN	1	57.577	58.206	0.0	0.0	296.078	3.337	1213.032	1263.24	0.0	-93.195	-92.115	0.0
84	14618	14619	NS	1	57.528	58.156	0.0	0.0	298.996	3.742	1217.952	1262.936	0.0	-93.14	-92.132	0.0
85	14618	14619	NS	1	57.534	58.174	0.0	0.0	298.996	3.74	1217.168	1262.936	0.0	-93.373	-92.132	0.0
86	14619	14620	SN	1	57.594	58.239	0.0	0.0	295.874	3.84	1214.12	1263.28	0.0	-95.686	-92.09	0.0
87	14619	14620	NS	1	57.385	58.16	0.0	0.0	298.301	3.765	1217.104	1262.912	0.0	-94.934	-92.135	0.0
88	14619	14620	NS	2	57.384	58.161	0.0	0.0	298.328	3.767	1217.072	1262.928	0.0	-94.933	-92.135	0.0
89	14619	14620	SN	1	57.594	58.239	0.0	0.0	295.874	3.837	1213.64	1263.28	0.0	-95.686	-92.09	0.0
90	14619	14620	SN	1	57.594	58.207	0.0	0.0	287.083	2.776	1214.12	1263.28	0.0	-92.925	-92.09	0.0
91	14620	14621	NS	1	57.526	58.236	0.0	0.0	299.233	3.72	1216.904	1263.08	0.0	-95.698	-92.131	0.0
92	14620	14621	SN	1	57.473	58.216	0.0	0.0	299.845	3.768	1213.704	1263.424	0.0	-94.253	-92.101	0.0
93	14620	14621	SN	1	57.587	58.216	0.0	0.0	299.845	2.35	1213.704	1263.424	0.0	-93.098	-92.101	0.0
94	14620	14621	NS	2	57.525	58.236	0.0	0.0	299.272	3.722	1216.952	1263.096	0.0	-95.698	-92.131	0.0
95	14621	14622	SN	1	57.582	58.208	0.0	0.0	299.95	3.692	1214.08	1263.416	0.0	-93.048	-92.085	0.0
96	14621	14622	NS	1	57.531	58.195	0.0	0.0	295.279	4.054	1217.712	1263.072	0.0	-95.126	-92.092	0.0
97	14622	14623	SN	1	57.589	58.208	0.0	0.0	299.597	3.747	1214.072	1263.32	0.0	-93.103	-92.12	0.0
98	14622	14623	NS	1	57.526	58.18	0.0	0.0	296.933	3.79	1216.984	1262.888	0.0	-93.167	-92.107	0.0
99	14623	14624	NS	1	57.556	58.16	0.0	0.0	296.861	3.787	1216.92	1262.92	0.0	-93.182	-92.134	0.0
100	14623	14624	SN	1	57.577	58.223	0.0	0.0	298.058	3.859	1214.192	1263.368	0.0	-93.128	-92.085	0.0
101	14623	14624	NS	1	57.556	58.16	0.0	0.003	296.861	3.568	1216.92	1262.608	0.0	-93.182	-92.134	0.0
102	14624	14625	NS	1	57.527	58.173	0.0	0.0	299.426	3.701	1217.536	1263.064	0.0	-93.093	-92.134	0.0
103	14624	14625	NS	1	57.526	58.173	0.0	0.0	299.464	3.707	1217.52	1263.064	0.0	-93.088	-92.133	0.0
104	14624	14625	NS	1	57.526	58.173	0.0	0.003	299.464	3.03	1217.52	1261.472	0.0	-93.088	-92.133	0.0
105	14624	14625	SN	1	57.602	58.226	0.0	0.003	297.86	3.767	1214.104	1263.384	0.0	-93.146	-92.095	0.0
106	14625	14626	SN	2	57.586	58.209	0.0	0.0	299.492	3.754	1213.432	1263.432	0.0	-93.059	-92.12	0.0
107	14625	14626	NS	1	57.528	58.155	0.0	0.0	292.091	3.668	1216.464	1263.008	0.0	-93.155	-92.131	0.0
108	14625	14626	SN	1	57.586	58.209	0.0	0.0	299.492	3.754	1213.432	1263.432	0.0	-93.059	-92.12	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

109	14625	14626	NS	1	57.528	58.155	0.0	0.003	281.701	2.678	1216.464	1261.552	0.0	-93.155	-92.131	0.0
110	14625	14626	NS	1	57.528	58.145	0.0	0.0	292.091	3.665	1216.464	1263.008	0.0	-93.155	-92.131	0.0
111	14626	14627	NS	1	57.517	58.176	0.0	0.0	296.911	3.7	1216.304	1263.096	0.0	-93.316	-92.13	0.0
112	14626	14627	NS	1	57.517	58.176	0.0	0.0	286.719	2.077	1216.304	1260.136	0.0	-93.316	-92.13	0.0
113	14626	14627	SN	1	57.583	58.232	0.0	0.0	298.339	3.845	1213.976	1263.52	0.0	-93.151	-92.122	0.0
114	14626	14627	SN	1	57.583	58.232	0.0	0.0	281.254	2.541	1213.976	1263.52	0.0	-93.151	-92.122	0.0
115	14626	14627	NS	1	57.517	58.176	0.0	0.0	296.911	3.704	1216.304	1263.096	0.0	-93.316	-92.13	0.0
116	14627	14628	NS	1	57.52	58.169	0.0	0.0	290.828	3.834	1216.344	1263.04	0.0	-93.154	-92.129	0.0
117	14627	14628	NS	1	57.518	58.169	0.0	0.0	290.916	3.844	1216.752	1263.032	0.0	-93.095	-92.129	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

107	14625	14626	NS	1	-34.98	15.845	0.0	-34.99	17.262	0.0	1.939	22.008	0.006	1.872	23.252	0.884	0.087	233.241	7.657	0.087	233.744	7.203	0.086	0.125	0.0	0.086	0.126	0.0
108	14625	14626	SN	1	-34.9	17.166	0.0	-34.458	16.485	0.0	-22.187	23.253	0.179	-21.314	22.704	0.039	0.087	228.939	4.246	0.087	206.784	3.84	0.086	12.316	0.088	0.086	10.086	0.109
109	14625	14626	NS	1	-34.98	15.849	0.0	-34.99	17.263	0.0	1.95	20.317	0.0	1.869	23.239	1.303	0.087	233.241	7.678	0.087	233.744	7.203	0.086	0.125	0.0	0.086	0.126	0.0
110	14625	14626	NS	1	-34.98	15.845	0.0	-34.976	17.262	0.0	1.939	22.008	0.006	1.874	23.252	0.889	0.087	233.241	7.657	0.087	232.951	7.232	0.086	0.125	0.0	0.086	0.126	0.0
111	14626	14627	NS	1	-34.948	17.865	0.0	-34.868	18.371	0.0	1.458	22.746	0.308	2.254	24.034	0.781	0.086	231.492	7.344	0.086	227.235	7.378	0.086	0.13	0.0	0.086	0.122	0.0
112	14626	14627	NS	1	-34.94	13.722	0.0	-34.905	18.431	0.0	1.458	19.298	0.0	2.254	21.516	0.0	0.088	231.095	7.54	0.086	229.178	7.394	0.086	0.13	0.0	0.086	0.122	0.0
113	14626	14627	SN	1	-34.991	14.729	0.0	-34.564	15.685	0.0	-1.675	22.938	0.071	-2.215	22.325	0.047	0.088	233.838	3.464	0.087	211.917	2.74	0.086	0.182	0.0	0.086	0.196	0.0
114	14626	14627	SN	1	-34.991	14.729	0.0	-34.654	15.685	0.0	-1.646	22.938	0.082	-2.22	22.325	0.049	0.088	233.838	3.34	0.087	216.321	2.956	0.086	0.181	0.0	0.086	0.196	0.0
115	14626	14627	NS	1	-34.94	17.865	0.0	-34.905	18.372	0.0	1.458	22.744	0.308	2.254	24.034	0.781	0.086	231.095	7.316	0.086	229.178	7.383	0.086	0.13	0.0	0.086	0.122	0.0
116	14627	14628	NS	1	-34.677	20.298	0.0	-34.968	20.626	0.0	-2.647	23.532	0.178	1.01	23.716	0.379	0.086	217.527	5.46	0.086	232.544	5.526	0.086	0.208	0.0	0.086	0.135	0.0
117	14627	14628	NS	1	-34.971	20.298	0.0	-34.897	20.625	0.0	-2.665	23.532	0.178	1.009	23.717	0.378	0.086	232.704	5.443	0.086	228.815	5.536	0.086	0.208	0.0	0.086	0.135	0.0

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