





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

Report between 09-SEP-2017 To 10-SEP-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	5043	5044	NS	1	48.75	49.286	0.0	0.003	5.962	0.2	1027.136	1071.712	0.0	-92.005	-89.154	0.0
2	5043	5044	NS	3	48.75	49.286	0.0	0.003	5.962	0.2	1027.136	1071.712	0.0	-92.005	-89.154	0.0
3	5043	5044	SN	1	48.867	49.377	0.0	0.003	1.803	0.166	1050.48	1073.736	0.0	-91.971	-89.442	0.0
4	5043	5044	SN	1	48.867	49.377	0.0	0.003	1.803	0.171	1050.48	1073.736	0.0	-91.971	-89.442	0.0
5	5043	5044	SN	2	48.867	49.377	0.0	0.003	1.803	0.166	1050.48	1073.736	0.0	-91.971	-89.442	0.0
6	5044	5045	SN	1	48.854	49.378	0.0	0.003	1.803	0.156	1049.784	1073.648	0.0	-92.115	-89.495	0.0
7	5044	5045	SN	1	48.854	49.378	0.0	0.003	1.803	0.156	1049.784	1073.648	0.0	-92.115	-89.495	0.0
8	5044	5045	SN	1	48.854	49.378	0.0	0.003	1.803	0.154	1049.784	1073.648	0.0	-91.952	-89.495	0.0
9	5044	5045	NS	2	48.755	49.286	0.0	0.003	5.962	0.176	1027.216	1071.688	0.0	-92.111	-89.156	0.0
10	5044	5045	NS	1	48.755	49.286	0.0	0.003	5.962	0.176	1027.216	1071.688	0.0	-92.111	-89.156	0.0
11	5045	5046	NS	1	48.75	49.296	0.0	0.003	1.803	0.163	1027.312	1071.624	0.0	-92.056	-89.158	0.0
12	5045	5046	SN	1	48.844	49.379	0.0	0.003	1.809	0.157	1049.752	1074.4	0.0	-92.003	-89.493	0.0
13	5045	5046	SN	1	48.844	49.379	0.0	0.003	1.809	0.155	1049.752	1074.4	0.0	-92.003	-89.493	0.0
14	5045	5046	SN	1	48.844	49.379	0.0	0.003	1.809	0.155	1049.752	1074.4	0.0	-92.003	-89.493	0.0
15	5045	5046	NS	2	48.75	49.296	0.0	0.003	1.803	0.163	1027.312	1071.624	0.0	-92.056	-89.158	0.0
16	5046	5047	SN	1	48.862	49.388	0.0	0.003	1.803	0.157	1049.928	1074.184	0.0	-92.035	-89.493	0.0
17	5046	5047	NS	2	48.748	49.305	0.0	0.003	1.803	0.169	1027.656	1071.536	0.0	-91.991	-89.157	0.0
18	5046	5047	SN	1	48.862	49.388	0.0	0.003	1.803	0.156	1049.928	1074.184	0.0	-92.035	-89.493	0.0
19	5046	5047	NS	3	48.748	49.305	0.0	0.003	1.803	0.169	1027.656	1071.536	0.0	-91.991	-89.157	0.0
20	5047	5048	NS	3	48.764	49.318	0.0	0.003	1.803	0.167	1027.584	1071.48	0.0	-92.022	-89.14	0.0
21	5047	5048	SN	1	48.853	49.407	0.0	0.003	1.803	0.152	1050.408	1073.488	0.0	-92.439	-89.493	0.0
22	5047	5048	SN	1	48.846	49.406	0.0	0.003	1.809	0.152	1049.68	1073.48	0.0	-91.988	-89.493	0.0
23	5047	5048	NS	2	48.764	49.318	0.0	0.003	1.803	0.167	1027.584	1071.48	0.0	-92.022	-89.14	0.0
24	5048	5049	NS	3	48.769	49.326	0.0	0.003	5.94	0.181	1027.096	1071.488	0.0	-91.922	-89.155	0.0
25	5048	5049	SN	1	48.867	49.406	0.0	0.003	1.803	0.158	1049.784	1073.496	0.0	-92.018	-89.493	0.0
26	5048	5049	SN	1	48.867	49.406	0.0	0.003	1.803	0.155	1049.784	1073.496	0.0	-92.018	-89.493	0.0
27	5048	5049	SN	2	48.867	49.406	0.0	0.003	1.803	0.155	1049.784	1073.496	0.0	-92.018	-89.493	0.0
28	5048	5049	NS	4	48.773	49.324	0.0	0.003	5.94	0.181	1027.208	1071.488	0.0	-92.088	-89.155	0.0
29	5049	5050	NS	1	48.754	49.314	0.0	0.003	1.798	0.167	1027.528	1071.448	0.0	-92.043	-89.153	0.0
30	5049	5050	NS	1	48.754	49.314	0.0	0.003	1.798	0.166	1027.528	1071.448	0.0	-92.043	-89.153	0.0
31	5049	5050	SN	2	48.818	49.376	0.0	0.003	1.803	0.161	1050.304	1073.496	0.0	-92.013	-89.455	0.0
32	5049	5050	SN	1	48.818	49.376	0.0	0.003	1.803	0.161	1050.304	1073.496	0.0	-92.084	-89.455	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	5049	5050	SN	1	48.818	49.376	0.0	0.003	1.803	0.168	1050.304	1073.488	0.0	-92.013	-89.455	0.0
34	5050	5051	NS	1	48.763	49.3	0.0	0.003	1.798	0.166	1027.368	1071.376	0.0	-92.171	-89.15	0.0
35	5050	5051	SN	1	48.848	49.378	0.0	0.003	1.803	0.171	1050.72	1073.632	0.0	-91.977	-89.495	0.0
36	5050	5051	NS	1	48.763	49.301	0.0	0.003	1.798	0.167	1027.344	1071.368	0.0	-91.99	-89.15	0.0
37	5050	5051	SN	2	48.848	49.378	0.0	0.003	1.803	0.159	1050.72	1074.44	0.0	-92.023	-89.495	0.0
38	5050	5051	SN	1	48.848	49.378	0.0	0.003	1.803	0.159	1050.72	1074.44	0.0	-92.023	-89.495	0.0
39	5051	5052	SN	2	48.873	49.379	0.0	0.003	1.803	0.153	1050.544	1074.12	0.0	-91.919	-89.501	0.0
40	5051	5052	SN	1	48.873	49.379	0.0	0.003	1.803	0.153	1050.544	1074.12	0.0	-91.919	-89.501	0.0
41	5051	5052	NS	1	48.757	49.282	0.0	0.003	1.798	0.172	1027.488	1071.464	0.0	-91.95	-89.152	0.0
42	5051	5052	NS	1	48.757	49.282	0.0	0.003	1.798	0.172	1027.488	1071.464	0.0	-91.95	-89.152	0.0
43	5052	5053	SN	1	48.847	49.401	0.0	0.003	1.803	0.155	1050.496	1074.48	0.0	-92.025	-89.5	0.0
44	5052	5053	NS	1	48.754	49.332	0.0	0.003	1.798	0.17	1026.728	1071.584	0.0	-92.112	-89.152	0.0
45	5052	5053	NS	1	48.754	49.332	0.0	0.003	1.798	0.17	1026.728	1071.584	0.0	-92.112	-89.152	0.0
46	5053	5054	NS	1	48.744	49.285	0.0	0.003	5.951	0.185	1025.976	1071.456	0.0	-91.885	-89.151	0.0
47	5057	5058	SN	1	48.879	49.394	0.0	0.003	1.803	0.171	1051.424	1073.352	0.0	-91.928	-89.495	0.0
48	5057	5058	SN	1	48.879	49.394	0.0	0.003	1.803	0.164	1051.424	1073.368	0.0	-91.928	-89.495	0.0
49	5057	5058	SN	2	48.879	49.394	0.0	0.003	1.803	0.164	1051.424	1073.368	0.0	-91.928	-89.495	0.0
50	5058	5059	SN	1	48.899	49.376	0.0	0.003	1.803	0.162	1050.984	1073.336	0.0	-92.196	-89.5	0.0
51	5058	5059	NS	1	48.748	49.281	0.0	0.003	1.798	0.162	1026.528	1071.048	0.0	-91.874	-89.135	0.0
52	5058	5059	SN	1	48.899	49.376	0.0	0.003	1.803	0.159	1050.984	1073.336	0.0	-92.196	-89.5	0.0
53	5058	5059	NS	1	48.748	49.281	0.0	0.003	1.798	0.162	1026.528	1071.048	0.0	-91.874	-89.135	0.0
54	5058	5059	SN	2	48.899	49.376	0.0	0.003	1.803	0.159	1050.984	1073.336	0.0	-92.196	-89.5	0.0
55	5059	5060	SN	1	48.862	49.39	0.0	0.003	1.803	0.155	1050.632	1073.176	0.0	-92.062	-89.503	0.0
56	5059	5060	SN	1	48.852	49.39	0.0	0.003	1.803	0.153	1051.272	1073.168	0.0	-92.062	-89.503	0.0
57	5059	5060	SN	1	48.852	49.39	0.0	0.003	1.803	0.155	1051.272	1073.168	0.0	-92.062	-89.503	0.0
58	5059	5060	NS	1	48.748	49.28	0.0	0.003	1.798	0.161	1026.704	1070.992	0.0	-92.087	-89.15	0.0
59	5059	5060	NS	1	48.748	49.28	0.0	0.003	1.798	0.161	1026.704	1070.992	0.0	-92.087	-89.15	0.0
60	5060	5061	SN	1	48.899	49.409	0.0	0.003	1.809	0.154	1050.696	1073.704	0.0	-92.197	-89.501	0.0
61	5060	5061	NS	1	48.754	49.31	0.0	0.003	5.945	0.18	1026.896	1070.864	0.0	-92.249	-89.151	0.0
62	5060	5061	SN	2	48.899	49.409	0.0	0.003	1.809	0.154	1050.696	1073.704	0.0	-92.197	-89.501	0.0
63	5060	5061	NS	1	48.754	49.31	0.0	0.003	5.945	0.179	1026.896	1070.864	0.0	-92.249	-89.151	0.0
64	5060	5061	SN	1	48.899	49.409	0.0	0.003	1.809	0.157	1050.696	1073.704	0.0	-92.197	-89.501	0.0
65	5061	5062	NS	3	48.771	49.289	0.0	0.003	1.803	0.168	1027.416	1070.832	0.0	-92.091	-89.118	0.0
66	5061	5062	SN	1	48.853	49.414	0.0	0.003	1.809	0.157	1051.256	1073.672	0.0	-92.035	-89.501	0.0
67	5061	5062	SN	1	48.853	49.414	0.0	0.003	1.809	0.153	1051.256	1073.672	0.0	-92.035	-89.501	0.0
68	5061	5062	SN	1	48.853	49.414	0.0	0.003	1.809	0.153	1051.256	1073.672	0.0	-92.035	-89.501	0.0
69	5061	5062	NS	2	48.764	49.327	0.0	0.003	1.803	0.168	1027.408	1070.84	0.0	-92.091	-89.118	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	5062	5063	NS	3	48.772	49.289	0.0	0.003	1.803	0.169	1026.624	1070.84	0.0	-92.101	-89.148	0.0
71	5062	5063	NS	2	48.783	49.289	0.0	0.003	1.803	0.17	1026.624	1070.832	0.0	-92.089	-89.148	0.0
72	5062	5063	SN	1	48.88	49.424	0.0	0.003	1.803	0.159	1051.096	1073.112	0.0	-91.957	-89.501	0.0
73	5062	5063	SN	1	48.88	49.424	0.0	0.003	1.803	0.153	1051.096	1073.112	0.0	-91.957	-89.501	0.0
74	5062	5063	SN	1	48.88	49.424	0.0	0.003	1.803	0.154	1051.096	1073.112	0.0	-91.957	-89.501	0.0
75	5063	5064	SN	1	48.876	49.406	0.0	0.003	1.803	0.162	1050.952	1073.872	0.0	-91.992	-89.503	0.0
76	5063	5064	SN	1	48.881	49.408	0.0	0.003	1.803	0.159	1051.216	1073.392	0.0	-92.045	-89.503	0.0
77	5063	5064	SN	2	48.876	49.406	0.0	0.003	1.803	0.158	1050.952	1073.872	0.0	-91.992	-89.503	0.0
78	5063	5064	NS	1	48.766	49.326	0.0	0.003	1.798	0.166	1026.464	1070.816	0.0	-92.045	-89.146	0.0
79	5063	5064	NS	1	48.779	49.326	0.0	0.003	1.798	0.166	1026.416	1070.832	0.0	-92.042	-89.146	0.0
80	5064	5065	SN	2	48.864	49.376	0.0	0.008	1.803	0.162	1051.24	1073.784	0.0	-91.982	-89.492	0.0
81	5064	5065	SN	1	48.864	49.376	0.0	0.008	1.803	0.162	1051.24	1073.784	0.0	-91.982	-89.492	0.0
82	5064	5065	SN	1	48.864	49.376	0.0	0.008	1.803	0.175	1051.24	1073.152	0.0	-91.933	-89.492	0.0
83	5064	5065	NS	3	48.76	49.324	0.0	0.003	5.929	0.179	1026.768	1070.736	0.0	-91.973	-89.14	0.0
84	5064	5065	NS	1	48.76	49.324	0.0	0.003	5.929	0.179	1026.768	1070.736	0.0	-91.973	-89.14	0.0
85	5065	5066	SN	1	48.877	49.399	0.0	0.003	1.803	0.155	1051.592	1074.072	0.0	-91.991	-89.492	0.0
86	5065	5066	SN	2	48.877	49.399	0.0	0.003	1.803	0.155	1051.592	1074.072	0.0	-91.991	-89.492	0.0
87	5065	5066	NS	1	48.752	49.278	0.0	0.003	5.94	0.183	1026.92	1070.736	0.0	-91.929	-89.093	0.0
88	5065	5066	NS	3	48.752	49.278	0.0	0.003	5.94	0.184	1026.92	1070.736	0.0	-91.929	-89.093	0.0
89	5066	5067	SN	1	48.86	49.38	0.0	0.003	1.803	0.153	1051.696	1074.088	0.0	-92.012	-89.509	0.0
90	5066	5067	NS	1	48.764	49.279	0.0	0.003	1.798	0.172	1026.296	1070.896	0.0	-92.012	-89.144	0.0
91	5066	5067	NS	1	48.753	49.279	0.0	0.003	1.798	0.172	1026.296	1070.896	0.0	-92.012	-89.144	0.0
92	5067	5068	NS	1	48.769	49.288	0.0	0.003	5.978	0.183	1026.112	1070.896	0.0	-92.139	-89.143	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

73	5062	5063	SN	1	-34.914	23.383	0.033	-34.908	24.994	0.265	6.51	27.699	13.685	2.239	29.582	15.982	0.103	261.869	4.234	0.103	261.509	3.439	0.103	0.118	0.0	0.103	0.145	0.0
74	5062	5063	SN	1	-34.914	23.383	0.033	-34.908	24.994	0.265	6.51	27.699	13.684	2.239	29.582	15.983	0.103	261.869	4.23	0.103	261.509	3.444	0.103	0.118	0.0	0.103	0.145	0.0
75	5063	5064	SN	1	-34.902	23.233	0.072	-34.721	25.028	0.262	5.017	27.993	9.274	4.723	29.119	10.735	0.103	261.155	3.533	0.103	250.519	3.14	0.103	0.124	0.0	0.103	0.126	0.0
76	5063	5064	SN	1	-34.148	23.233	0.089	-34.742	25.025	0.407	5.008	27.993	9.239	4.723	29.121	10.781	0.103	219.553	3.59	0.103	251.732	3.212	0.103	0.124	0.0	0.103	0.126	0.0
77	5063	5064	SN	2	-34.902	23.233	0.089	-34.721	25.028	0.408	5.017	27.993	9.249	4.723	29.119	10.781	0.103	261.155	3.596	0.103	250.519	3.216	0.103	0.124	0.0	0.103	0.126	0.0
78	5063	5064	NS	1	-34.912	24.562	0.134	-32.954	25.096	0.53	-8.729	29.649	9.153	-8.717	30.263	17.686	0.103	261.818	2.083	0.103	166.786	1.155	0.103	0.713	0.0	0.103	0.711	0.0
79	5063	5064	NS	1	-34.889	24.557	0.133	-34.041	25.096	0.53	-8.729	29.652	9.124	-8.716	30.264	17.615	0.103	260.38	2.081	0.103	214.241	1.154	0.103	0.713	0.0	0.103	0.711	0.0
80	5064	5065	SN	2	-34.782	22.469	0.006	-34.652	24.879	1.185	-5.908	31.545	10.579	-4.203	34.252	15.26	0.103	254.108	5.417	0.103	246.622	4.16	0.103	0.414	0.0	0.102	0.309	0.0
81	5064	5065	SN	1	-34.782	22.469	0.006	-34.652	24.879	1.185	-5.908	31.545	10.579	-4.203	34.252	15.26	0.103	254.108	5.417	0.103	246.622	4.16	0.103	0.414	0.0	0.102	0.309	0.0
82	5064	5065	SN	1	-34.782	21.946	0.0	-34.652	23.754	0.012	-5.908	31.545	11.252	-4.203	34.252	15.274	0.103	254.108	4.853	0.103	246.622	4.16	0.103	0.414	0.0	0.102	0.309	0.0
83	5064	5065	NS	3	-34.923	23.795	0.473	-34.742	25.315	0.898	7.837	33.242	8.395	7.916	30.314	17.508	0.103	262.446	3.456	0.103	251.773	2.291	0.102	0.114	0.0	0.103	0.113	0.0
84	5064	5065	NS	1	-34.923	23.795	0.473	-34.742	25.315	0.899	7.837	33.242	8.37	7.916	30.314	17.518	0.103	262.446	3.46	0.103	251.773	2.292	0.102	0.114	0.0	0.103	0.113	0.0
85	5065	5066	SN	1	-34.755	23.354	0.011	-34.764	26.146	1.528	-14.936	28.402	13.97	-6.036	30.53	19.791	0.103	252.407	5.772	0.103	252.962	4.578	0.103	2.712	0.003	0.103	0.424	0.0
86	5065	5066	SN	2	-34.755	23.354	0.011	-34.764	26.146	1.528	-14.936	28.402	13.97	-6.036	30.53	19.791	0.103	252.407	5.772	0.103	252.962	4.578	0.103	2.712	0.003	0.103	0.424	0.0
87	5065	5066	NS	1	-33.941	24.109	0.551	-33.143	24.543	0.508	3.492	28.666	13.512	1.971	30.499	40.458	0.103	209.362	2.205	0.103	174.18	1.74	0.103	0.134	0.0	0.103	0.148	0.0
88	5065	5066	NS	3	-33.941	24.109	0.55	-33.143	24.543	0.507	3.492	28.666	13.512	1.971	30.499	40.389	0.103	209.362	2.202	0.103	174.18	1.739	0.103	0.134	0.0	0.103	0.148	0.0
89	5066	5067	SN	1	-34.79	27.591	0.116	-34.843	27.633	1.924	-5.142	31.225	14.27	-15.261	30.555	15.636	0.103	254.527	3.705	0.103	257.636	3.004	0.103	0.362	0.0	0.103	2.917	0.002
90	5066	5067	NS	1	-34.73	24.147	0.894	-32.553	25.19	0.694	-25.811	28.023	11.736	-27.157	31.219	26.661	0.103	251.036	1.495	0.103	152.101	1.042	0.103	32.274	0.076	0.103	43.961	0.042
91	5066	5067	NS	1	-34.73	24.147	0.892	-32.553	25.19	0.693	-25.811	28.023	11.736	-27.157	31.219	26.661	0.103	251.036	1.497	0.103	152.101	1.04	0.103	32.274	0.076	0.103	43.961	0.042
92	5067	5068	NS	1	-34.985	24.783	1.519	-33.347	25.172	1.174	3.097	28.496	14.382	5.962	31.465	23.185	0.103	266.17	0.707	0.103	182.587	0.508	0.103	0.137	0.0	0.103	0.12	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	5043	5044	NS	1	57.564	58.151	0.0	0.003	32.141	0.272	1205.168	1259.976	18.4	-93.574	-91.546	0.0
2	5043	5044	NS	3	57.564	58.151	0.0	0.003	32.141	0.272	1205.168	1259.976	18.382	-93.574	-91.546	0.0
3	5043	5044	SN	1	57.693	58.266	0.0	0.003	1.974	0.2	1233.0	1262.936	0.0	-93.392	-91.92	0.0
4	5043	5044	SN	1	57.693	58.266	0.0	0.003	1.974	0.204	1233.0	1262.936	0.0	-93.392	-91.92	0.0
5	5043	5044	SN	2	57.693	58.266	0.0	0.003	1.974	0.2	1233.0	1262.936	0.0	-93.392	-91.92	0.0
6	5044	5045	SN	1	57.725	58.291	0.0	0.003	1.969	0.191	1232.528	1262.856	0.0	-93.479	-91.977	0.0
7	5044	5045	SN	1	57.725	58.291	0.0	0.003	1.969	0.191	1232.528	1262.856	0.0	-93.479	-91.977	0.0
8	5044	5045	SN	1	57.725	58.291	0.0	0.003	1.969	0.188	1232.528	1262.856	0.0	-93.464	-91.977	0.0
9	5044	5045	NS	2	57.567	58.163	0.0	0.003	31.452	0.212	1205.256	1259.936	19.036	-93.528	-91.556	0.0
10	5044	5045	NS	1	57.567	58.163	0.0	0.003	31.452	0.212	1205.256	1259.936	19.055	-93.528	-91.556	0.0
11	5045	5046	NS	1	57.574	58.168	0.0	0.003	1.963	0.172	1205.264	1259.872	19.494	-93.689	-91.558	0.0
12	5045	5046	SN	1	57.705	58.265	0.0	0.008	1.969	0.186	1232.24	1263.176	0.0	-93.433	-91.975	0.0
13	5045	5046	SN	1	57.705	58.265	0.0	0.008	1.969	0.184	1232.24	1263.176	0.0	-93.493	-91.975	0.0
14	5045	5046	SN	1	57.705	58.265	0.0	0.008	1.969	0.184	1232.24	1263.176	0.0	-93.493	-91.975	0.0
15	5045	5046	NS	2	57.574	58.168	0.0	0.003	1.963	0.172	1205.264	1259.872	19.474	-93.689	-91.558	0.0
16	5046	5047	SN	1	57.711	58.285	0.0	0.003	1.969	0.184	1232.464	1262.6	0.0	-93.531	-91.974	0.0
17	5046	5047	NS	2	57.568	58.171	0.0	0.003	1.963	0.179	1205.52	1259.76	19.239	-93.589	-91.556	0.0
18	5046	5047	SN	1	57.711	58.285	0.0	0.003	1.969	0.184	1232.464	1262.6	0.0	-93.531	-91.974	0.0
19	5046	5047	NS	3	57.568	58.171	0.0	0.003	1.963	0.179	1205.52	1259.76	19.238	-93.589	-91.556	0.0
20	5047	5048	NS	3	57.567	58.167	0.0	0.003	1.963	0.179	1205.52	1259.688	20.414	-93.625	-91.537	0.0
21	5047	5048	SN	1	57.704	58.284	0.0	0.003	1.969	0.181	1232.12	1263.216	0.0	-93.418	-91.975	0.0
22	5047	5048	SN	1	57.706	58.278	0.0	0.003	1.969	0.181	1232.096	1263.2	0.0	-93.489	-91.975	0.0
23	5047	5048	NS	2	57.567	58.167	0.0	0.003	1.963	0.179	1205.52	1259.688	20.414	-93.625	-91.537	0.0
24	5048	5049	NS	3	57.584	58.169	0.0	0.003	29.301	0.222	1204.976	1259.712	21.035	-93.717	-91.554	0.0
25	5048	5049	SN	1	57.73	58.29	0.0	0.003	1.969	0.19	1232.224	1262.664	0.0	-93.453	-91.975	0.0
26	5048	5049	SN	1	57.73	58.29	0.0	0.003	1.969	0.187	1232.224	1262.664	0.0	-93.453	-91.975	0.0
27	5048	5049	SN	2	57.73	58.29	0.0	0.003	1.969	0.187	1232.224	1262.664	0.0	-93.453	-91.975	0.0
28	5048	5049	NS	4	57.567	58.155	0.0	0.003	29.301	0.222	1204.952	1259.712	21.017	-93.646	-91.554	0.0
29	5049	5050	NS	1	57.576	58.171	0.0	0.003	1.963	0.175	1204.856	1259.656	21.503	-93.558	-91.553	0.0
30	5049	5050	NS	1	57.576	58.171	0.0	0.003	1.963	0.176	1204.856	1259.656	21.523	-93.558	-91.553	0.0
31	5049	5050	SN	2	57.735	58.263	0.0	0.003	1.974	0.191	1233.224	1263.312	0.0	-93.417	-91.936	0.0
32	5049	5050	SN	1	57.735	58.263	0.0	0.003	1.974	0.191	1233.224	1263.312	0.0	-93.472	-91.936	0.0
33	5049	5050	SN	1	57.735	58.263	0.0	0.003	1.974	0.199	1233.224	1263.56	0.0	-93.417	-91.936	0.0
34	5050	5051	NS	1	57.592	58.146	0.0	0.003	1.969	0.181	1205.4	1259.56	21.57	-93.718	-91.55	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	5050	5051	SN	1	57.712	58.267	0.0	0.003	1.969	0.204	1233.296	1263.376	0.0	-93.382	-91.967	0.0
36	5050	5051	NS	1	57.59	58.147	0.0	0.003	1.969	0.18	1205.096	1259.552	21.584	-93.609	-91.549	0.0
37	5050	5051	SN	2	57.712	58.267	0.0	0.003	1.969	0.188	1233.296	1263.376	0.0	-93.479	-91.967	0.0
38	5050	5051	SN	1	57.712	58.267	0.0	0.003	1.969	0.188	1233.296	1263.376	0.0	-93.479	-91.967	0.0
39	5051	5052	SN	2	57.713	58.287	0.0	0.003	1.969	0.183	1233.44	1264.616	0.0	-93.461	-91.982	0.0
40	5051	5052	SN	1	57.713	58.287	0.0	0.003	1.969	0.183	1233.44	1264.616	0.0	-93.461	-91.982	0.0
41	5051	5052	NS	1	57.594	58.145	0.0	0.003	1.963	0.188	1205.4	1259.672	21.845	-93.623	-91.533	0.0
42	5051	5052	NS	1	57.594	58.145	0.0	0.003	1.963	0.188	1205.4	1259.672	21.822	-93.623	-91.533	0.0
43	5052	5053	SN	1	57.711	58.267	0.0	0.003	1.969	0.187	1233.336	1263.768	0.0	-93.661	-91.982	0.0
44	5052	5053	NS	1	57.572	58.146	0.0	0.003	1.969	0.183	1204.584	1259.816	22.694	-93.675	-91.552	0.0
45	5052	5053	NS	1	57.572	58.146	0.0	0.003	1.969	0.183	1204.584	1259.816	22.704	-93.675	-91.552	0.0
46	5053	5054	NS	1	57.568	58.146	0.0	0.003	31.7	0.218	1204.448	1259.664	22.595	-93.437	-91.551	0.0
47	5057	5058	SN	1	57.716	58.267	0.0	0.003	1.974	0.206	1234.2	1262.512	0.0	-93.432	-91.969	0.0
48	5057	5058	SN	1	57.716	58.267	0.0	0.003	1.974	0.198	1234.2	1262.536	0.0	-93.432	-91.969	0.0
49	5057	5058	SN	2	57.716	58.267	0.0	0.003	1.974	0.198	1234.2	1262.536	0.0	-93.432	-91.969	0.0
50	5058	5059	SN	1	57.74	58.265	0.0	0.003	1.969	0.194	1234.096	1262.464	0.0	-94.063	-91.979	0.0
51	5058	5059	NS	1	57.564	58.141	0.0	0.003	1.963	0.177	1204.176	1259.16	21.069	-93.584	-91.53	0.0
52	5058	5059	SN	1	57.74	58.265	0.0	0.003	1.969	0.191	1234.096	1262.464	0.0	-94.063	-91.979	0.0
53	5058	5059	NS	1	57.564	58.141	0.0	0.003	1.963	0.177	1204.176	1259.16	21.088	-93.584	-91.53	0.0
54	5058	5059	SN	2	57.74	58.265	0.0	0.003	1.969	0.191	1234.096	1262.464	0.0	-94.063	-91.979	0.0
55	5059	5060	SN	1	57.722	58.265	0.0	0.003	1.974	0.187	1233.656	1262.288	0.0	-93.625	-91.985	0.0
56	5059	5060	SN	1	57.717	58.264	0.0	0.003	345.239	0.184	1233.712	1262.288	0.0	-93.525	-91.985	0.0
57	5059	5060	SN	1	57.717	58.264	0.0	0.003	345.239	0.187	1233.712	1262.288	0.0	-93.525	-91.985	0.0
58	5059	5060	NS	1	57.566	58.161	0.0	0.003	1.963	0.174	1204.488	1259.088	21.655	-93.849	-91.545	0.0
59	5059	5060	NS	1	57.566	58.161	0.0	0.003	1.963	0.174	1204.488	1259.088	21.677	-93.849	-91.545	0.0
60	5060	5061	SN	1	57.742	58.296	0.0	0.003	1.969	0.184	1233.392	1262.816	0.0	-93.528	-91.983	0.0
61	5060	5061	NS	1	57.57	58.168	0.0	0.003	32.026	0.217	1205.24	1258.936	21.771	-93.748	-91.549	0.0
62	5060	5061	SN	2	57.742	58.296	0.0	0.003	1.969	0.184	1233.392	1262.816	0.0	-93.528	-91.983	0.0
63	5060	5061	NS	1	57.57	58.168	0.0	0.003	32.026	0.217	1205.24	1258.936	21.749	-93.748	-91.549	0.0
64	5060	5061	SN	1	57.742	58.296	0.0	0.003	1.969	0.187	1233.392	1262.816	0.0	-93.528	-91.983	0.0
65	5061	5062	NS	3	57.589	58.164	0.0	0.003	1.958	0.176	1205.168	1258.896	22.606	-93.602	-91.51	0.0
66	5061	5062	SN	1	57.711	58.291	0.0	0.003	1.969	0.189	1233.664	1262.848	0.0	-93.757	-91.983	0.0
67	5061	5062	SN	1	57.711	58.291	0.0	0.003	1.969	0.185	1233.664	1262.848	0.0	-93.757	-91.983	0.0
68	5061	5062	SN	1	57.711	58.291	0.0	0.003	1.969	0.185	1233.664	1262.848	0.0	-93.757	-91.983	0.0
69	5061	5062	NS	2	57.594	58.173	0.0	0.003	1.958	0.176	1205.16	1258.904	22.596	-93.541	-91.511	0.0
70	5062	5063	NS	3	57.591	58.157	0.0	0.003	1.963	0.179	1204.264	1258.904	23.083	-93.632	-91.548	0.0
71	5062	5063	NS	2	57.585	58.142	0.0	0.003	1.963	0.179	1204.328	1258.896	23.088	-93.644	-91.548	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	5062	5063	SN	1	57.726	58.261	0.0	0.003	1.969	0.189	1233.952	1262.592	0.0	-93.46	-91.984	0.0
73	5062	5063	SN	1	57.726	58.261	0.0	0.003	1.969	0.183	1233.952	1262.592	0.0	-93.46	-91.984	0.0
74	5062	5063	SN	1	57.726	58.261	0.0	0.003	1.969	0.183	1233.952	1262.592	0.0	-93.46	-91.984	0.0
75	5063	5064	SN	1	57.717	58.283	0.0	0.003	1.969	0.193	1234.288	1262.92	0.0	-93.534	-91.982	0.0
76	5063	5064	SN	1	57.726	58.281	0.0	0.003	1.969	0.189	1233.648	1262.68	0.0	-93.672	-91.982	0.0
77	5063	5064	SN	2	57.717	58.283	0.0	0.003	1.969	0.189	1234.288	1262.92	0.0	-93.534	-91.982	0.0
78	5063	5064	NS	1	57.571	58.172	0.0	0.003	1.963	0.179	1204.184	1258.88	23.518	-93.675	-91.545	0.0
79	5063	5064	NS	1	57.565	58.173	0.0	0.003	1.963	0.179	1204.24	1258.896	23.527	-93.674	-91.546	0.0
80	5064	5065	SN	2	57.725	58.265	0.0	0.003	1.98	0.192	1234.216	1263.024	0.0	-93.46	-91.985	0.0
81	5064	5065	SN	1	57.725	58.265	0.0	0.003	1.98	0.192	1234.216	1263.024	0.0	-93.46	-91.985	0.0
82	5064	5065	SN	1	57.725	58.265	0.0	0.003	1.98	0.208	1234.216	1263.024	0.0	-93.46	-91.985	0.0
83	5064	5065	NS	3	57.578	58.155	0.0	0.0	30.189	0.217	1203.904	1258.784	23.171	-93.845	-91.538	0.0
84	5064	5065	NS	1	57.578	58.155	0.0	0.0	30.189	0.216	1203.904	1258.784	23.192	-93.845	-91.538	0.0
85	5065	5066	SN	1	57.692	58.269	0.0	0.003	1.969	0.188	1234.304	1262.888	0.0	-93.726	-91.972	0.0
86	5065	5066	SN	2	57.692	58.269	0.0	0.003	1.969	0.188	1234.304	1262.888	0.0	-93.726	-91.972	0.0
87	5065	5066	NS	1	57.591	58.147	0.0	0.003	30.983	0.223	1204.584	1258.784	23.987	-93.667	-91.489	0.0
88	5065	5066	NS	3	57.591	58.147	0.0	0.003	30.983	0.223	1204.584	1258.784	23.965	-93.667	-91.489	0.0
89	5066	5067	SN	1	57.722	58.267	0.0	0.003	1.969	0.186	1234.52	1263.496	0.0	-93.601	-91.992	0.0
90	5066	5067	NS	1	57.568	58.15	0.0	0.003	1.963	0.185	1204.08	1258.984	24.661	-93.758	-91.543	0.0
91	5066	5067	NS	1	57.568	58.15	0.0	0.003	1.963	0.185	1204.08	1258.984	24.634	-93.758	-91.543	0.0
92	5067	5068	NS	1	57.575	58.139	0.0	0.003	31.656	0.221	1203.728	1258.976	24.967	-93.545	-91.543	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

70	5062	5063	NS	3	-33.993	18.009	0.0	-34.847	18.218	0.0	-20.173	22.73	0.03	-17.25	23.618	0.337	0.083	173.007	3.063	0.083	210.58	3.12	0.083	7.24	0.008	0.083	3.725	0.014
71	5062	5063	NS	2	-34.592	18.009	0.0	-34.957	18.216	0.0	-20.001	22.732	0.03	-17.267	23.62	0.337	0.083	198.542	3.063	0.083	216.02	3.118	0.083	6.96	0.008	0.083	3.739	0.014
72	5062	5063	SN	1	-34.959	17.596	0.0	-34.806	18.437	0.0	1.484	22.433	0.024	2.766	23.434	0.488	0.083	216.043	3.299	0.083	208.547	2.887	0.083	0.124	0.0	0.083	0.113	0.0
73	5062	5063	SN	1	-34.959	17.596	0.0	-34.806	18.437	0.0	1.484	22.433	0.022	2.766	23.434	0.475	0.083	216.043	3.22	0.083	208.547	2.903	0.083	0.124	0.0	0.083	0.113	0.0
74	5062	5063	SN	1	-34.959	17.596	0.0	-34.806	18.437	0.0	1.484	22.433	0.022	2.766	23.434	0.475	0.083	216.043	3.221	0.083	208.547	2.907	0.083	0.124	0.0	0.083	0.113	0.0
75	5063	5064	SN	1	-34.034	17.051	0.0	-34.611	18.445	0.0	1.858	23.629	0.389	4.46	23.929	0.805	0.084	174.6	2.729	0.083	199.402	2.551	0.083	0.121	0.0	0.083	0.103	0.0
76	5063	5064	SN	1	-34.243	17.334	0.0	-34.987	18.614	0.0	1.854	23.629	0.382	2.23	23.929	0.805	0.084	183.251	2.683	0.083	217.414	2.599	0.083	0.121	0.0	0.083	0.117	0.0
77	5063	5064	SN	2	-34.034	17.334	0.0	-34.611	18.614	0.0	1.858	23.629	0.382	4.46	23.929	0.805	0.084	174.6	2.684	0.083	199.402	2.595	0.083	0.121	0.0	0.083	0.103	0.0
78	5063	5064	NS	1	-34.892	18.359	0.0	-34.868	19.236	0.0	-21.907	23.335	0.377	-28.093	24.379	1.273	0.083	212.785	1.25	0.083	211.592	0.897	0.083	10.759	0.104	0.083	44.523	0.154
79	5063	5064	NS	1	-34.903	18.365	0.0	-34.436	19.239	0.0	-22.012	23.338	0.381	-27.788	24.379	1.272	0.083	213.28	1.256	0.083	191.581	0.898	0.083	11.022	0.104	0.083	41.502	0.154
80	5064	5065	SN	2	-34.798	18.034	0.0	-34.946	18.58	0.0	-7.803	23.84	0.834	-5.591	25.569	1.954	0.083	208.217	4.463	0.083	215.484	3.897	0.083	0.482	0.0	0.083	0.318	0.0
81	5064	5065	SN	1	-34.798	18.034	0.0	-34.946	18.58	0.0	-7.803	23.84	0.834	-5.591	25.569	1.954	0.083	208.217	4.463	0.083	215.484	3.897	0.083	0.482	0.0	0.083	0.318	0.0
82	5064	5065	SN	1	-34.798	18.034	0.0	-34.946	18.552	0.0	-7.803	23.84	0.896	-5.591	25.569	1.956	0.083	208.217	4.159	0.083	215.484	3.874	0.083	0.482	0.0	0.083	0.318	0.0
83	5064	5065	NS	3	-34.863	18.23	0.0	-34.775	19.355	0.0	2.361	22.959	0.125	3.125	24.641	1.158	0.083	211.337	2.899	0.083	207.079	2.245	0.083	0.116	0.0	0.083	0.111	0.0
84	5064	5065	NS	1	-34.863	18.23	0.0	-34.775	19.355	0.0	2.361	22.959	0.125	3.125	24.641	1.16	0.083	211.337	2.903	0.083	207.079	2.246	0.083	0.116	0.0	0.083	0.111	0.0
85	5065	5066	SN	1	-34.696	18.572	0.0	-34.926	19.308	0.0	-27.829	23.479	0.338	-25.941	24.314	1.119	0.083	203.346	4.508	0.083	214.433	3.613	0.083	41.896	0.054	0.083	27.15	0.003
86	5065	5066	SN	2	-34.696	18.572	0.0	-34.926	19.308	0.0	-27.829	23.479	0.338	-25.941	24.314	1.119	0.083	203.346	4.508	0.083	214.433	3.613	0.083	41.896	0.054	0.083	27.15	0.003
87	5065	5066	NS	1	-34.1	18.369	0.0	-34.3	18.625	0.0	0.361	22.819	0.015	0.191	24.803	1.98	0.083	177.337	1.889	0.083	185.626	1.288	0.083	0.138	0.0	0.083	0.14	0.0
88	5065	5066	NS	3	-34.1	18.369	0.0	-34.3	18.625	0.0	0.361	22.819	0.015	0.191	24.803	1.976	0.083	177.337	1.887	0.083	185.626	1.288	0.083	0.138	0.0	0.083	0.14	0.0
89	5066	5067	SN	1	-34.229	20.94	0.0	-34.962	22.396	0.001	-6.208	23.789	0.315	-7.06	23.708	0.35	0.083	182.648	3.124	0.083	216.224	2.885	0.083	0.355	0.0	0.083	0.417	0.0
90	5066	5067	NS	1	-34.097	18.897	0.0	-33.724	19.053	0.0	-22.738	22.337	0.018	-26.064	24.661	3.308	0.083	177.186	1.146	0.083	162.627	1.008	0.083	13.015	0.049	0.083	27.916	0.039
91	5066	5067	NS	1	-34.097	18.897	0.0	-33.724	19.053	0.0	-22.738	22.337	0.018	-26.064	24.661	3.308	0.083	177.186	1.144	0.083	162.627	1.007	0.083	13.015	0.049	0.083	27.916	0.039
92	5067	5068	NS	1	-34.854	18.821	0.0	-34.694	19.537	0.0	0.067	22.969	0.033	2.264	24.839	2.841	0.083	210.884	0.9	0.083	203.279	0.626	0.083	0.142	0.0	0.083	0.117	0.0

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

 Normal	 Deviations
 Alarming	 High Errors