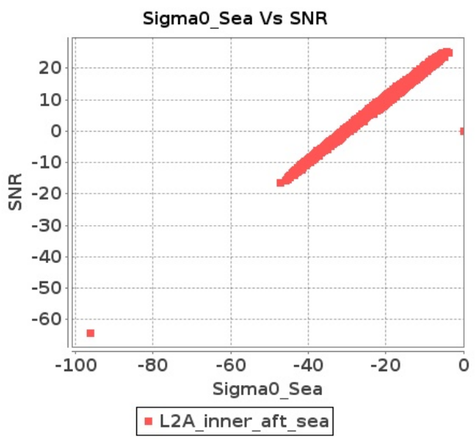
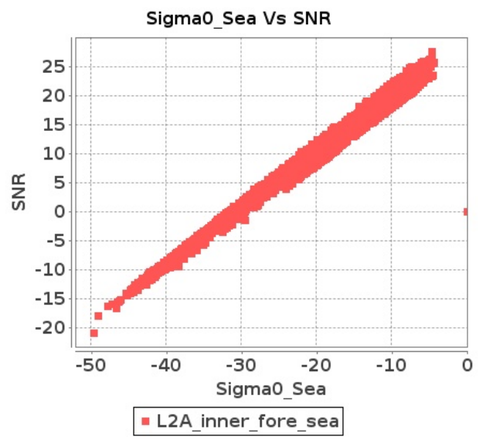
SCATSAT-1 Scatterometer Level-2A Data Quality Cycle wise Report

Report between 22-JAN-2019 To 23-JAN-2019

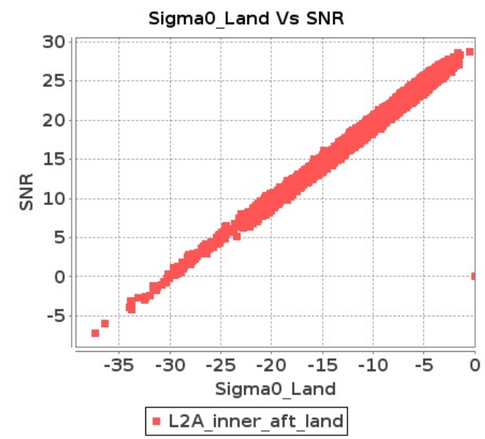
Inner Sea Aft Sigma0VsSNR



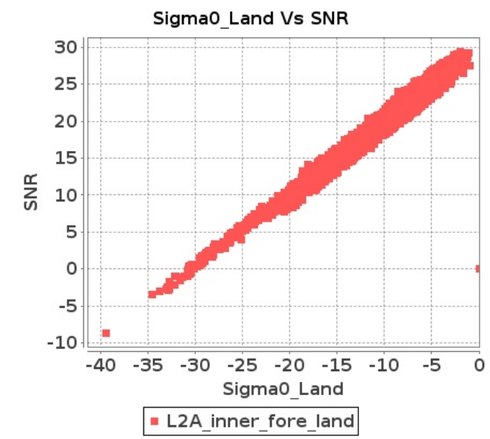
Inner Sea Fore Sigma0VsSNR



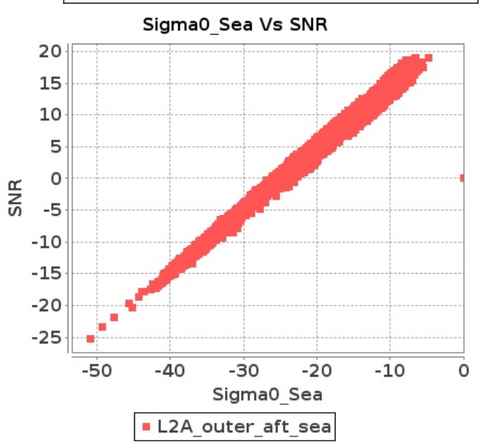
Inner Land Aft Sigma0VsSNR



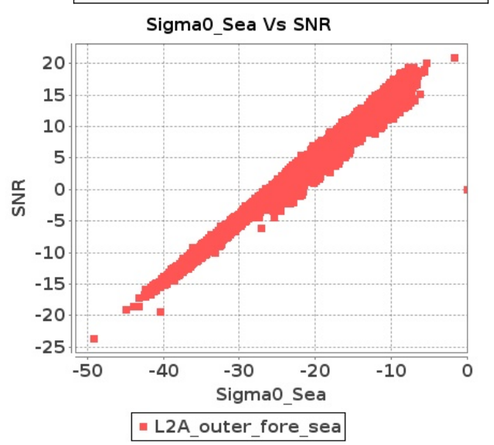
Inner Land Fore Sigma0VsSNR



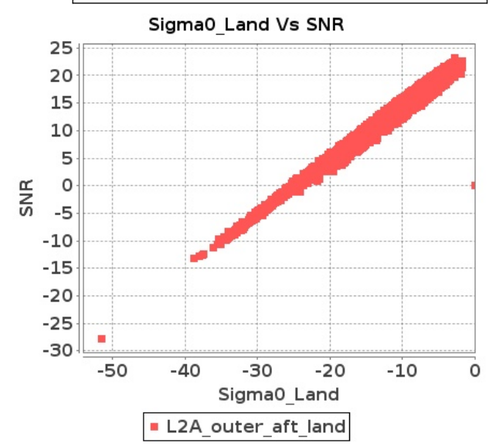
Outer Sea Aft Sigma0VsSNR



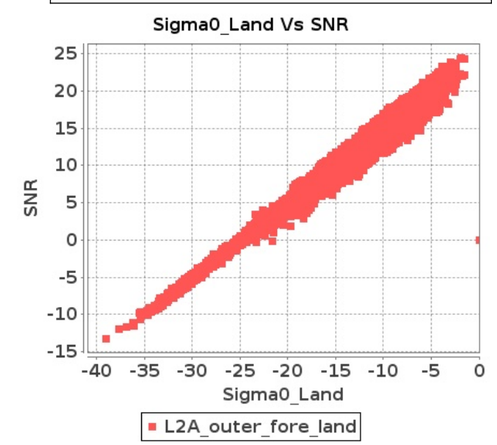
Outer Sea Fore Sigma0VsSNR



Outer Land Aft Sigma0VsSNR



Outer Land Fore Sigma0VsSNR



SCATSAT-1 Scatterometer Level-2A Data Quality Cycle wise Report

Report between 22-JAN-2019 To 23-JAN-2019

					SNR												Sigma0											
					Inner Aft			Inner Fore			Outer Aft			Outer Fore			Inner Aft			Inner Fore			Outer Aft			Outer Fore		
Sr No	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	12293	12294	SN	1	0.0	43.673	0.544	0.0	40.717	0.862	0.0	38.619	0.664	0.0	41.113	0.928	0.0	43.67	0.546	0.0	43.123	0.753	0.0	38.062	0.631	0.0	41.437	0.778
2	12293	12294	SN	1	0.0	40.544	0.544	0.0	40.76	0.862	0.0	38.372	0.668	0.0	41.113	0.894	0.0	41.388	0.551	0.0	42.914	0.755	0.0	36.266	0.633	0.0	41.437	0.743
3	12293	12294	SN	1	0.0	46.851	2.924	0.0	50.018	3.513	0.0	48.795	2.429	0.0	47.839	3.3	0.0	47.37	2.914	0.0	47.885	3.18	0.0	47.255	2.245	0.0	48.027	2.793
4	12293	12294	SN	1	0.0	46.978	2.944	0.0	50.018	3.513	0.0	49.091	2.415	0.0	46.336	3.343	0.0	47.496	2.904	0.0	48.024	3.19	0.0	47.55	2.238	0.0	47.75	2.772
5	12293	12294	NS	1	0.0	44.421	1.022	0.0	51.286	1.261	0.0	43.74	0.891	0.0	49.835	1.209	0.0	43.426	1.022	0.0	48.535	1.092	0.0	41.464	0.797	0.0	49.44	0.882
6	12293	12294	SN	1	0.0	46.851	2.983	0.0	50.018	3.575	0.0	48.795	2.473	0.0	47.839	3.377	0.0	47.37	2.973	0.0	47.885	3.235	0.0	47.255	2.278	0.0	48.027	2.83
7	12293	12294	NS	1	0.0	51.418	4.797	0.0	57.924	5.672	0.0	48.024	3.352	0.0	47.771	4.391	0.0	51.512	4.867	0.0	58.073	5.056	0.0	47.712	3.089	0.0	43.887	3.583
8	12293	12294	SN	1	0.0	40.544	0.555	0.0	40.76	0.876	0.0	38.372	0.68	0.0	41.113	0.908	0.0	41.388	0.562	0.0	42.914	0.767	0.0	36.266	0.646	0.0	41.437	0.752
9	12294	12295	SN	1	0.0	50.528	1.039	0.0	44.51	1.401	0.0	45.958	1.079	0.0	42.891	1.579	0.0	49.182	1.042	0.0	47.522	1.397	0.0	45.686	1.055	0.0	42.445	1.464
10	12294	12295	SN	1	0.0	47.696	3.878	0.0	53.081	5.034	0.0	45.322	3.558	0.0	43.157	4.692	0.0	49.456	3.98	0.0	55.913	5.024	0.0	46.438	3.558	0.0	44.953	4.468
11	12294	12295	NS	1	0.0	56.302	2.796	0.0	53.446	3.491	0.0	48.03	2.84	0.0	47.253	3.329	0.0	57.191	2.857	0.0	56.25	3.309	0.0	44.346	2.762	0.0	44.95	2.782
12	12294	12295	SN	1	0.0	54.324	1.044	0.0	46.014	1.392	0.0	44.58	1.095	0.0	43.574	1.576	0.0	54.684	1.065	0.0	49.129	1.403	0.0	44.307	1.048	0.0	42.435	1.453
13	12294	12295	SN	1	0.0	50.564	3.849	0.0	53.099	4.811	0.0	45.353	3.407	0.0	43.106	4.751	0.0	51.291	3.94	0.0	55.931	4.963	0.0	46.469	3.507	0.0	43.432	4.458
14	12294	12295	NS	1	0.0	54.772	2.625	0.0	54.679	3.491	0.0	44.227	2.791	0.0	53.13	3.214	0.0	55.45	2.726	0.0	53.069	3.36	0.0	43.526	2.578	0.0	50.975	2.689
15	12294	12295	NS	1	0.0	43.208	0.683	0.0	52.001	0.943	0.0	36.614	0.914	0.0	43.792	1.025	0.0	43.502	0.647	0.0	51.098	0.835	0.0	34.635	0.806	0.0	39.384	0.781
16	12294	12295	SN	1	0.0	50.528	1.029	0.0	44.51	1.391	0.0	45.958	1.069	0.0	42.891	1.567	0.0	49.182	1.031	0.0	47.522	1.389	0.0	45.686	1.05	0.0	42.445	1.453
17	12294	12295	SN	1	0.0	50.564	3.899	0.0	53.099	4.861	0.0	45.353	3.443	0.0	43.106	4.772	0.0	51.291	3.98	0.0	55.931	5.004	0.0	46.469	3.543	0.0	43.432	4.49
18	12294	12295	NS	1	0.0	52.256	0.71	0.0	53.506	0.912	0.0	42.245	0.886	0.0	43.494	1.055	0.0	51.587	0.674	0.0	51.098	0.833	0.0	40.041	0.754	0.0	39.052	0.799
19	12295	12296	SN	1	0.0	37.196	3.008	0.0	45.556	3.646	0.0	46.04	2.906	0.0	38.075	3.813	0.0	36.936	3.008	0.0	45.113	3.474	0.0	45.231	2.935	0.0	37.081	3.47
20	12295	12296	NS	1	0.0	49.916	1.595	0.0	45.895	2.283	0.0	43.494	1.535	0.0	36.534	2.202	0.0	49.029	1.602	0.0	45.851	2.252	0.0	44.222	1.533	0.0	36.774	2.072
21	12295	12296	NS	1	0.0	46.098	5.876	0.0	51.549	7.334	0.0	42.035	4.882	0.0	46.961	6.388	0.0	46.136	5.957	0.0	52.21	7.324	0.0	43.068	4.804	0.0	44.171	6.437
22	12295	12296	SN	1	0.0	38.212	0.788	0.0	44.328	1.081	0.0	35.736	0.962	0.0	42.983	1.387	0.0	38.002	0.786	0.0	42.56	0.945	0.0	35.225	0.932	0.0	39.465	1.086
23	12295	12296	SN	1	0.0	37.603	3.051	0.0	45.556	3.672	0.0	46.04	2.977	0.0	38.075	3.862	0.0	37.343	3.051	0.0	45.113	3.498	0.0	45.231	2.991	0.0	37.081	3.515
24	12295	12296	NS	1	0.0	49.916	1.584	0.0	45.895	2.281	0.0	37.541	1.537	0.0	36.534	2.202	0.0	49.029	1.597	0.0	45.851	2.247	0.0	37.486	1.538	0.0	36.774	2.072
25	12295	12296	SN	1	0.0	37.196	3.008	0.0	45.556	3.646	0.0	46.04	2.906	0.0	38.075	3.813	0.0	36.936	3.008	0.0	45.113	3.474	0.0	45.231	2.935	0.0	37.081	3.47
26	12295	12296	NS	1	0.0	46.258	5.907	0.0	51.549	7.334	0.0	43.973	4.931	0.0	46.961	6.395	0.0	46.2	5.977	0.0	52.21	7.324	0.0	41.93	4.832	0.0	44.171	6.437
27	12295	12296	SN	1	0.0	38.212	0.788	0.0	44.328	1.081	0.0	35.736	0.962	0.0	42.983	1.387	0.0	38.002	0.786	0.0	42.56	0.945	0.0	35.225	0.932	0.0	39.465	1.086
28	12295	12296	SN	1	0.0	38.212	0.797	0.0	44.328	1.079	0.0	35.736	0.978	0.0	42.983	1.4	0.0	38.002	0.793	0.0	42.56	0.953	0.0	35.225	0.935	0.0	39.465	1.096
29	12296	12297	NS	1	0.0	46.835	0.748	0.0	45.33	1.166	0.0	39.551	0.899	0.0	39.662	1.32	0.0	47.152	0.764	0.0	43.539	1.035	0.0	39.181	0.887	0.0	41.052	1.049
30	12296	12297	SN	1	0.0	40.596	0.808	0.0	40.773	1.139	0.0	36.566	1.119	0.0	48.206	1.852	0.0	39.897	0.81	0.0	38.473	0.968	0.0	35.774	1.095	0.0	48.849	1.559
31	12296	12297	SN	1	0.0	40.596	0.812	0.0	40.534	1.148	0.0	37.431	1.125	0.0	48.262	1.851	0.0	39.897	0.817	0.0	37.756	0.977	0.0	35.759	1.084	0.0	48.904	1.57

Parameter Specifications	Parameters	SNR	Sigma0
	Range	20.0	20.0

Normal
Alarming
Deviations
High Errors

32	12296	12297	SN	1	0.0	44.185	2.886	0.0	38.421	3.881	0.0	42.788	3.739	0.0	44.764	5.038	0.0	43.647	2.846	0.0	39.845	3.557	0.0	41.285	3.689	0.0	46.726	4.615
33	12296	12297	SN	1	0.0	44.185	2.876	0.0	38.421	3.891	0.0	44.408	3.746	0.0	44.767	5.031	0.0	43.647	2.836	0.0	39.845	3.577	0.0	42.905	3.668	0.0	46.731	4.608
34	12296	12297	SN	1	0.0	44.185	2.939	0.0	38.421	3.971	0.0	44.408	3.837	0.0	44.767	5.151	0.0	43.647	2.898	0.0	39.845	3.65	0.0	42.905	3.757	0.0	46.731	4.718
35	12296	12297	NS	1	0.0	47.197	0.864	0.0	51.589	1.127	0.0	42.297	0.971	0.0	41.156	1.289	0.0	47.467	0.853	0.0	52.017	0.983	0.0	43.409	0.907	0.0	41.202	1.035
36	12296	12297	NS	1	0.0	44.967	3.033	0.0	50.867	3.968	0.0	42.362	3.061	0.0	49.048	4.275	0.0	44.251	2.962	0.0	48.372	3.524	0.0	39.91	3.089	0.0	46.097	3.572
37	12296	12297	NS	1	0.0	51.333	2.801	0.0	44.813	3.875	0.0	46.644	3.283	0.0	44.018	3.953	0.0	51.679	2.851	0.0	43.911	3.401	0.0	46.678	3.098	0.0	42.799	3.492
38	12296	12297	SN	1	0.0	40.596	0.826	0.0	40.773	1.162	0.0	36.566	1.141	0.0	48.206	1.896	0.0	39.897	0.828	0.0	38.473	0.987	0.0	35.774	1.116	0.0	48.849	1.59
39	12297	12298	SN	1	0.0	45.426	4.519	0.0	50.601	4.845	0.0	48.028	4.402	0.0	40.844	5.162	0.0	44.977	4.559	0.0	50.153	4.986	0.0	47.935	4.537	0.0	39.52	5.377
40	12297	12298	SN	1	0.0	45.426	4.519	0.0	50.601	4.845	0.0	48.028	4.402	0.0	40.844	5.162	0.0	44.977	4.559	0.0	50.153	4.986	0.0	47.935	4.537	0.0	39.52	5.377
41	12297	12298	NS	1	0.473	49.32	3.837	0.0	52.224	4.653	0.0	46.659	2.898	0.0	46.067	4.324	0.51	51.177	3.918	0.0	50.791	4.209	0.0	45.451	2.727	0.0	43.752	3.707
42	12297	12298	NS	1	0.721	53.822	3.837	0.0	47.839	4.734	0.0	46.387	2.905	0.0	46.067	4.268	0.602	55.679	3.968	0.0	48.424	4.259	0.0	45.176	2.791	0.0	42.142	3.678
43	12297	12298	SN	1	0.0	45.426	4.681	0.0	50.601	4.998	0.0	48.028	4.542	0.0	40.844	5.319	0.0	44.977	4.722	0.0	50.153	5.155	0.0	47.935	4.69	0.0	39.52	5.548
44	12297	12298	SN	1	0.0	46.031	1.252	0.0	40.173	1.62	0.0	39.506	1.339	0.0	38.836	1.86	0.0	46.187	1.295	0.0	37.13	1.62	0.0	38.754	1.309	0.0	38.162	1.825
45	12297	12298	SN	1	0.0	46.031	1.252	0.0	40.173	1.62	0.0	39.506	1.339	0.0	38.836	1.86	0.0	46.187	1.295	0.0	37.13	1.62	0.0	38.754	1.309	0.0	38.162	1.825
46	12297	12298	SN	1	0.0	46.031	1.298	0.0	40.173	1.676	0.0	39.506	1.39	0.0	38.836	1.908	0.0	46.187	1.342	0.0	37.13	1.676	0.0	38.754	1.355	0.0	38.162	1.873
47	12297	12298	NS	1	0.0	42.849	0.961	0.0	45.135	1.198	0.0	39.005	0.829	0.0	45.236	1.268	0.0	42.94	0.952	0.0	44.599	1.11	0.0	40.956	0.767	0.0	43.401	1.004
48	12297	12298	NS	1	0.0	46.829	0.943	0.0	44.645	1.201	0.0	39.136	0.822	0.0	43.05	1.268	0.0	45.733	0.922	0.0	44.108	1.113	0.0	39.544	0.764	0.0	38.775	1.04
49	12298	12299	SN	1	0.0	49.707	5.653	0.0	46.973	6.787	0.0	46.314	4.753	0.0	46.241	5.595	0.0	49.401	5.673	0.0	46.702	6.468	0.0	44.082	4.896	0.0	43.867	5.34
50	12298	12299	NS	1	0.0	44.637	0.9	0.0	41.299	1.275	0.0	44.161	1.266	0.0	38.401	1.763	0.0	45.066	0.878	0.0	39.677	1.055	0.0	43.591	1.143	0.0	37.463	1.322
51	12298	12299	SN	1	0.0	48.197	1.402	0.0	41.856	1.805	0.0	41.571	1.372	0.0	38.455	1.899	0.0	47.621	1.404	0.0	44.131	1.731	0.0	42.587	1.306	0.0	37.751	1.746
52	12298	12299	NS	1	0.0	44.735	3.226	0.0	45.647	3.992	0.0	45.409	3.972	0.0	44.168	5.214	0.0	44.815	3.226	0.0	46.218	3.345	0.0	45.12	3.659	0.0	45.129	4.177
53	12298	12299	SN	1	0.0	51.654	5.558	0.0	47.327	6.686	0.0	48.036	4.583	0.0	39.551	5.504	0.0	52.535	5.578	0.0	47.924	6.331	0.0	45.804	4.554	0.0	36.882	5.418
54	12298	12299	SN	1	0.0	46.718	1.375	0.0	45.499	1.781	0.0	43.311	1.333	0.0	43.005	1.863	0.0	47.771	1.416	0.0	47.728	1.688	0.0	44.327	1.303	0.0	39.688	1.791
55	12298	12299	NS	1	0.0	43.828	0.901	0.0	42.496	1.225	0.0	42.003	1.232	0.0	40.508	1.872	0.0	42.238	0.864	0.0	40.778	1.001	0.0	41.419	1.11	0.0	39.5	1.412
56	12298	12299	NS	1	0.0	45.994	3.174	0.0	50.489	3.721	0.0	45.395	3.672	0.0	48.282	5.121	0.0	44.325	3.184	0.0	48.755	3.296	0.0	44.929	3.558	0.0	49.438	3.928
57	12299	12300	SN	1	0.0	52.641	5.942	0.0	45.971	6.769	0.0	47.651	4.568	0.0	48.138	5.662	0.0	53.572	6.023	0.0	47.301	6.399	0.0	45.016	4.454	0.0	48.781	5.203
58	12299	12300	NS	1	0.0	45.033	0.895	0.0	42.009	1.227	0.0	42.754	0.949	0.0	38.994	1.497	0.0	46.192	0.886	0.0	40.02	1.103	0.0	40.468	0.916	0.0	36.581	1.191
59	12299	12300	SN	1	0.0	45.227	1.521	0.0	47.542	1.69	0.0	44.331	1.276	0.0	41.763	1.738	0.0	43.937	1.512	0.0	45.406	1.556	0.0	44.032	1.178	0.0	42.118	1.529
60	12299	12300	NS	1	0.0	42.419	3.099	0.0	46.051	4.308	0.0	47.361	3.386	0.0	46.549	4.789	0.0	43.689	3.14	0.0	45.213	3.753	0.0	47.11	3.23	0.0	47.78	4.129
61	12300	12301	NS	1	0.0	46.818	0.668	0.0	39.165	0.82	0.0	41.446	0.795	0.0	43.427	1.089	0.0	45.995	0.659	0.0	39.72	0.742	0.0	39.987	0.739	0.0	47.504	0.907
62	12300	12301	NS	1	0.0	49.748	2.525	0.0	49.068	2.675	0.0	49.171	2.705	0.0	46.294	3.648	0.0	50.548	2.525	0.0	48.142	2.582	0.0	46.079	2.556	0.0	46.205	3.004
63	12300	12301	SN	1	0.0	53.942	2.031	0.0	52.624	2.356	0.0	44.083	2.309	0.0	45.958	2.685	0.0	55.813	2.011	0.0	51.808	1.996	0.0	43.265	2.181	0.0	48.037	2.271
64	12300	12301	SN	1	0.0	44.555	0.551	0.0	39.331	0.737	0.0	43.112	0.601	0.0	39.541	0.853	0.0	43.825	0.576	0.0	40.963	0.7	0.0	42.392	0.56	0.0	37.441	0.715
65	12301	12302	SN	1	0.0	41.565	0.59	0.0	49.127	0.888	0.0	45.293	0.671	0.0	42.123	1.123	0.0	42.008	0.579	0.0	47.958	0.847	0.0	44.548	0.607	0.0	43.738	0.919
66	12301	12302	SN	1	0.0	41.565	0.59	0.0	49.127	0.888	0.0	45.293	0.671	0.0	42.123	1.123	0.0	42.008	0.579	0.0	47.958	0.847	0.0	44.548	0.607	0.0	43.738	0.919
67	12301	12302	SN	1	0.0	42.867	2.402	0.0	47.344	3.197	0.0	47.519	2.316	0.0	47.979	3.164	0.0	44.607	2.413	0.0	46.438	3.065	0.0	48.411	2.237	0.0	47.974	2.805

Parameter Specifications	Parameters	SNR	Sigma0
	Range	20.0	20.0

Normal
Deviations
Alarming
High Errors

68	12301	12302	NS	1	0.0	42.529	0.953	0.0	44.516	1.338	0.0	37.823	0.959	0.0	43.593	1.365	0.0	43.335	0.939	0.0	42.877	1.2	0.0	35.051	0.922	0.0	38.66	1.08
69	12301	12302	SN	1	0.0	42.867	2.402	0.0	47.344	3.197	0.0	47.519	2.316	0.0	47.979	3.164	0.0	44.607	2.413	0.0	46.438	3.065	0.0	48.411	2.237	0.0	47.974	2.805
70	12301	12302	SN	1	0.0	21.602	0.113	0.0	15.875	0.0	0.0	30.618	0.123	0.0	20.632	0.055	0.0	21.042	0.113	0.0	14.792	0.0	0.0	27.618	0.123	0.0	16.542	0.0
71	12301	12302	NS	1	0.0	43.314	3.458	0.0	45.047	4.703	0.0	38.638	3.099	0.0	42.451	4.336	0.0	44.921	3.438	0.0	46.971	4.218	0.0	40.138	2.929	0.0	40.571	3.513
72	12301	12302	NS	1	0.0	42.529	0.944	0.0	44.516	1.336	0.0	37.823	0.968	0.0	43.593	1.372	0.0	43.335	0.925	0.0	42.877	1.198	0.0	35.051	0.934	0.0	38.66	1.083
73	12301	12302	NS	1	0.0	43.314	3.489	0.0	45.047	4.693	0.0	38.638	3.113	0.0	42.451	4.344	0.0	44.921	3.468	0.0	46.971	4.218	0.0	40.138	2.95	0.0	40.571	3.534
74	12301	12302	SN	1	0.0	21.112	0.462	0.0	15.436	0.0	0.0	36.769	0.794	0.0	19.774	0.0	0.0	22.351	0.231	0.0	13.965	0.0	0.0	35.358	0.794	0.0	16.551	0.0
75	12302	12303	NS	1	0.0	41.757	0.828	0.0	43.024	1.162	0.0	39.809	0.991	0.0	39.679	1.64	0.0	42.222	0.819	0.0	44.108	1.065	0.0	43.209	0.911	0.0	40.851	1.255
76	12302	12303	SN	1	0.0	46.251	7.178	0.0	51.09	8.778	0.0	43.124	6.005	0.0	46.142	7.113	0.0	46.671	7.154	0.0	50.111	8.263	0.0	41.578	6.122	0.0	45.171	6.612
77	12302	12303	SN	1	0.0	46.251	6.516	0.0	51.09	8.041	0.0	42.983	5.349	0.0	46.142	6.477	0.0	46.671	6.496	0.0	50.111	7.604	0.0	41.578	5.391	0.0	45.171	5.903
78	12302	12303	NS	1	0.0	47.713	2.285	0.0	49.134	3.453	0.0	39.64	2.979	0.0	43.765	4.081	0.0	48.362	2.234	0.0	48.915	3.14	0.0	39.725	2.893	0.0	42.783	3.577
79	12302	12303	NS	1	0.0	47.713	2.285	0.0	49.134	3.453	0.0	39.387	2.971	0.0	43.765	4.074	0.0	48.362	2.234	0.0	48.915	3.14	0.0	39.471	2.886	0.0	42.783	3.584
80	12302	12303	SN	1	0.0	39.014	1.823	0.0	48.455	2.66	0.0	40.712	1.818	0.0	41.69	2.293	0.0	39.85	1.81	0.0	48.603	2.542	0.0	39.148	1.793	0.0	43.767	2.125
81	12302	12303	SN	1	0.0	39.014	1.595	0.0	48.455	2.334	0.0	40.712	1.6	0.0	41.69	2.035	0.0	39.85	1.58	0.0	48.603	2.229	0.0	39.148	1.576	0.0	43.767	1.868
82	12302	12303	NS	1	0.0	41.757	0.828	0.0	43.024	1.164	0.0	39.809	0.985	0.0	40.646	1.644	0.0	42.222	0.821	0.0	44.108	1.067	0.0	43.209	0.902	0.0	40.851	1.249
83	12303	12304	NS	1	0.0	35.581	1.577	0.0	46.979	2.489	0.0	35.17	2.372	0.0	39.325	3.049	0.0	34.26	1.526	0.0	49.532	2.081	0.0	35.536	2.209	0.0	35.483	2.654
84	12303	12304	SN	1	0.0	42.315	0.843	0.0	49.094	1.094	0.0	44.504	0.741	0.0	46.803	1.144	0.0	40.791	0.839	0.0	48.702	0.951	0.0	43.379	0.702	0.0	43.484	0.927
85	12303	12304	SN	1	0.0	49.13	3.35	0.0	47.601	4.124	0.0	47.106	3.012	0.0	49.19	3.959	0.0	49.676	3.461	0.0	50.1	3.682	0.0	46.788	2.927	0.0	47.831	3.27
86	12303	12304	NS	1	0.0	39.863	0.486	0.0	42.711	0.803	0.0	39.427	0.8	0.0	39.708	1.141	0.0	41.262	0.47	0.0	40.505	0.663	0.0	36.557	0.681	0.0	36.531	0.903
87	12304	12305	SN	1	0.0	40.957	0.72	0.0	46.441	1.065	0.0	42.392	0.812	0.0	37.604	1.182	0.0	41.421	0.716	0.0	46.422	0.942	0.0	38.591	0.783	0.0	37.259	1.035
88	12304	12305	SN	1	0.0	50.636	3.226	0.0	47.782	3.811	0.0	48.153	3.119	0.0	45.417	4.13	0.0	52.957	3.156	0.0	48.271	3.619	0.0	44.636	2.941	0.0	42.733	3.707
89	12304	12305	SN	1	0.0	50.636	3.226	0.0	47.782	3.801	0.0	48.132	3.105	0.0	45.53	4.144	0.0	52.957	3.156	0.0	48.271	3.619	0.0	44.615	2.927	0.0	42.733	3.721
90	12304	12305	NS	1	0.0	36.07	0.492	0.0	37.665	0.862	0.0	40.284	0.714	0.0	39.568	1.307	0.0	37.452	0.467	0.0	40.778	0.676	0.0	37.004	0.677	0.0	35.979	1.017
91	12304	12305	SN	1	0.0	40.957	0.743	0.0	46.441	1.121	0.0	36.367	0.825	0.0	37.604	1.238	0.0	41.421	0.735	0.0	46.422	1.007	0.0	35.874	0.802	0.0	37.259	1.078
92	12304	12305	SN	1	0.0	50.636	3.276	0.0	47.782	3.933	0.0	41.585	3.102	0.0	44.619	4.242	0.0	52.957	3.24	0.0	48.271	3.716	0.0	37.968	2.984	0.0	42.733	3.833
93	12304	12305	NS	1	0.481	42.422	1.646	0.0	41.164	2.676	0.0	35.923	2.081	0.0	46.919	3.713	0.209	43.094	1.656	0.0	41.652	2.351	0.0	36.834	2.003	0.0	44.298	2.944
94	12304	12305	NS	1	0.48	42.999	1.666	0.0	41.164	2.676	0.0	36.07	2.088	0.0	46.919	3.685	0.173	43.696	1.646	0.0	41.652	2.321	0.0	36.992	2.074	0.0	44.262	2.922
95	12304	12305	NS	1	0.0	36.102	0.496	0.0	37.665	0.839	0.0	37.773	0.73	0.0	38.873	1.326	0.0	37.486	0.471	0.0	40.778	0.663	0.0	35.758	0.656	0.0	39.83	1.04
96	12304	12305	SN	1	0.0	40.957	0.718	0.0	46.441	1.06	0.0	42.392	0.812	0.0	37.604	1.185	0.0	41.421	0.713	0.0	46.422	0.942	0.0	38.593	0.783	0.0	37.259	1.037
97	12305	12306	SN	1	0.0	52.514	1.233	0.0	45.599	1.452	0.0	47.821	1.386	0.0	36.45	1.747	0.0	53.624	1.22	0.0	43.463	1.413	0.0	47.428	1.354	0.0	37.944	1.398
98	12305	12306	NS	1	0.0	42.662	1.196	0.0	44.747	1.648	0.0	44.736	1.285	0.0	38.601	1.819	0.0	42.846	1.201	0.0	43.722	1.566	0.0	41.604	1.27	0.0	36.392	1.554
99	12305	12306	NS	1	0.0	42.662	1.18	0.0	44.747	1.628	0.0	44.736	1.267	0.0	38.601	1.796	0.0	42.846	1.184	0.0	43.722	1.547	0.0	41.604	1.253	0.0	36.392	1.534
100	12305	12306	SN	1	0.0	54.191	4.313	0.0	44.396	4.698	0.0	50.084	3.972	0.0	40.838	4.48	0.0	53.698	4.293	0.0	44.654	4.688	0.0	49.588	3.915	0.0	39.911	4.13
101	12305	12306	SN	1	0.0	51.13	4.333	0.0	44.396	4.688	0.0	49.646	4.036	0.0	42.996	4.487	0.0	51.03	4.293	0.0	44.654	4.708	0.0	49.226	3.965	0.0	41.641	4.252
102	12305	12306	NS	1	0.0	42.563	3.907	0.0	45.528	4.933	0.0	38.904	4.468	0.0	45.233	4.981	0.0	43.518	3.877	0.0	44.671	4.661	0.0	40.982	4.44	0.0	44.537	4.541
103	12305	12306	NS	1	0.0	41.556	3.877	0.0	45.37	4.893	0.0	41.47	4.468	0.0	45.233	4.974	0.0	43.518	3.857	0.0	44.5	4.661	0.0	41.762	4.425	0.0	44.526	4.52

Parameter Specifications	Parameters	SNR	Sigma0
	Range	20.0	20.0

Normal
Alarming
Deviations
High Errors

104	12305	12306	NS	1	0.0	41.556	3.931	0.0	45.37	4.958	0.0	41.47	4.531	0.0	45.233	5.038	0.0	43.518	3.91	0.0	44.5	4.722	0.0	41.762	4.488	0.0	44.526	4.578
105	12305	12306	SN	1	0.0	48.396	1.249	0.0	43.743	1.411	0.0	39.283	1.405	0.0	39.568	1.712	0.0	47.495	1.211	0.0	41.604	1.395	0.0	38.868	1.368	0.0	38.981	1.391
106	12305	12306	NS	1	0.0	42.662	1.187	0.0	44.747	1.632	0.0	43.616	1.257	0.0	37.919	1.783	0.0	42.846	1.193	0.0	43.72	1.535	0.0	40.486	1.255	0.0	36.361	1.529
107	12306	12307	NS	1	0.0	53.577	4.936	0.0	52.445	6.038	0.0	48.208	4.32	0.0	49.685	5.687	0.0	53.862	4.987	0.0	51.825	5.795	0.0	47.985	4.199	0.0	51.234	5.124
108	12306	12307	SN	1	0.0	38.253	0.771	0.0	43.89	1.012	0.0	38.619	0.9	0.0	38.479	1.456	0.0	37.751	0.776	0.0	45.393	0.878	0.0	34.891	0.834	0.0	39.829	1.128
109	12306	12307	SN	1	0.0	38.253	0.706	0.0	43.89	0.934	0.0	34.507	0.843	0.0	38.479	1.335	0.0	37.751	0.711	0.0	45.393	0.809	0.0	35.591	0.776	0.0	39.829	1.032
110	12306	12307	NS	1	0.0	53.577	4.936	0.0	52.445	6.038	0.0	48.208	4.313	0.0	49.685	5.687	0.0	53.862	4.987	0.0	51.825	5.795	0.0	47.985	4.199	0.0	51.234	5.117
111	12306	12307	SN	1	0.0	40.975	2.36	0.0	48.571	2.997	0.0	43.181	2.649	0.0	40.183	3.947	0.0	42.413	2.36	0.0	48.844	2.664	0.0	42.718	2.443	0.0	39.316	3.162
112	12306	12307	SN	1	0.0	40.828	2.33	0.0	48.536	2.997	0.0	43.74	2.642	0.0	40.013	3.962	0.0	42.265	2.36	0.0	48.809	2.674	0.0	43.277	2.436	0.0	39.316	3.177
113	12306	12307	NS	1	0.0	47.999	1.18	0.0	50.95	1.754	0.0	45.061	1.271	0.0	45.335	1.942	0.0	48.927	1.2	0.0	49.453	1.626	0.0	42.351	1.209	0.0	41.743	1.652
114	12306	12307	SN	1	0.0	38.253	0.695	0.0	43.879	0.952	0.0	35.08	0.836	0.0	40.904	1.34	0.0	37.751	0.72	0.0	45.353	0.818	0.0	36.166	0.765	0.0	38.198	1.024
115	12306	12307	SN	1	0.0	40.975	2.564	0.0	48.571	3.258	0.0	43.181	2.817	0.0	40.183	4.282	0.0	42.413	2.575	0.0	48.844	2.906	0.0	42.718	2.638	0.0	39.316	3.455
116	12306	12307	NS	1	0.0	47.999	1.18	0.0	50.95	1.757	0.0	45.061	1.269	0.0	45.335	1.945	0.0	48.927	1.2	0.0	49.453	1.628	0.0	42.351	1.209	0.0	41.743	1.654
117	12307	12308	SN	1	0.0	46.323	2.184	0.0	52.685	2.5	0.0	43.973	1.819	0.0	38.97	2.076	0.0	47.801	2.194	0.0	52.533	2.309	0.0	44.786	1.662	0.0	40.803	1.941
118	12307	12308	NS	1	0.0	52.866	1.694	0.0	46.671	2.604	0.0	47.295	1.477	0.0	44.368	2.078	0.0	51.31	1.694	0.0	46.293	2.498	0.0	45.937	1.417	0.0	40.482	1.865
119	12307	12308	SN	1	0.0	36.798	0.471	0.0	41.6	0.578	0.0	40.909	0.477	0.0	38.629	0.665	0.0	37.083	0.464	0.0	42.053	0.52	0.0	39.385	0.455	0.0	38.531	0.602
120	12307	12308	NS	1	0.0	51.029	6.426	0.0	57.48	8.651	0.0	51.958	5.002	0.0	45.977	6.848	0.0	51.279	6.386	0.0	58.266	8.227	0.0	50.91	5.102	0.0	45.663	6.401
121	12309	12310	SN	1	0.0	42.306	0.857	0.0	45.629	1.147	0.0	39.58	1.036	0.0	36.568	1.461	0.0	43.401	0.896	0.0	42.152	1.009	0.0	40.107	1.018	0.0	35.462	1.208
122	12309	12310	SN	1	0.0	43.502	3.252	0.0	53.074	3.903	0.0	47.17	3.375	0.0	41.896	3.87	0.0	43.581	3.12	0.0	51.554	3.657	0.0	45.448	3.21	0.0	41.566	3.464
123	12309	12310	SN	1	0.0	43.502	3.229	0.0	53.074	3.864	0.0	40.052	3.276	0.0	41.896	3.852	0.0	43.581	3.078	0.0	51.554	3.62	0.0	37.947	3.105	0.0	41.566	3.472
124	12309	12310	NS	1	0.0	41.217	3.113	0.0	45.296	4.128	0.0	50.141	3.275	0.0	49.739	4.189	0.0	41.186	3.204	0.0	46.165	3.715	0.0	51.736	3.175	0.0	46.542	3.855
125	12310	12311	SN	1	0.0	35.244	0.622	0.0	38.698	1.042	0.0	37.263	0.97	0.0	39.543	1.496	0.0	36.407	0.595	0.0	36.573	0.947	0.0	38.847	0.948	0.0	39.131	1.29
126	12310	12311	SN	1	0.0	42.629	2.493	0.0	35.004	2.795	0.0	46.552	2.993	0.0	42.706	3.907	0.0	41.761	2.37	0.0	36.102	2.6	0.0	44.505	2.928	0.0	39.461	3.602
127	12310	12311	NS	1	0.0	52.728	4.534	0.0	46.987	5.98	0.0	50.63	4.648	0.0	49.79	5.662	0.0	51.033	4.534	0.0	46.354	5.92	0.0	51.833	4.498	0.0	49.944	5.35
128	12310	12311	SN	1	0.0	42.629	2.461	0.0	35.004	2.756	0.0	46.552	2.919	0.0	42.706	3.83	0.0	41.761	2.34	0.0	36.102	2.564	0.0	44.505	2.841	0.0	39.353	3.558
129	12310	12311	SN	1	0.0	42.629	2.501	0.0	35.004	2.736	0.0	46.552	2.869	0.0	47.764	3.837	0.0	41.761	2.481	0.0	36.102	2.514	0.0	44.505	2.812	0.0	47.357	3.516
130	12311	12312	SN	1	0.0	43.212	2.88	0.0	42.706	3.188	0.0	38.89	2.951	0.0	38.828	3.861	0.0	42.644	2.942	0.0	39.811	2.918	0.0	37.871	2.936	0.0	40.552	3.588
131	12311	12312	NS	1	0.0	47.408	3.614	0.0	49.366	4.005	0.0	46.532	3.012	0.0	50.383	3.619	0.0	48.328	3.654	0.0	50.184	3.854	0.0	44.7	2.856	0.0	49.898	3.186
132	12311	12312	NS	1	0.0	62.943	3.372	0.0	51.311	4.004	0.0	42.425	2.771	0.0	49.892	3.548	0.0	64.188	3.504	0.0	51.172	3.883	0.0	41.874	2.715	0.0	49.868	3.058
133	12311	12312	SN	1	0.0	43.254	2.902	0.0	38.356	3.009	0.0	47.739	2.734	0.0	37.926	3.83	0.0	42.684	2.902	0.0	37.704	2.837	0.0	45.904	2.748	0.0	35.703	3.573
134	12311	12312	SN	1	0.0	34.631	0.805	0.0	39.582	1.039	0.0	35.921	1.042	0.0	42.187	1.419	0.0	34.535	0.763	0.0	39.296	0.857	0.0	36.691	0.951	0.0	40.837	1.184
135	12312	12313	NS	1	0.0	46.234	3.24	0.0	51.246	4.137	0.0	39.71	3.268	0.0	51.418	4.516	0.0	47.391	3.22	0.0	49.37	3.653	0.0	39.626	2.863	0.0	48.512	3.479
136	12312	12313	SN	1	0.0	42.19	5.051	0.0	43.268	5.339	0.0	39.846	4.594	0.0	41.54	5.481	0.0	41.241	5.071	0.0	44.15	5.106	0.0	38.589	4.644	0.0	42.081	5.196
137	12313	12314	NS	1	0.416	43.016	3.553	0.0	45.384	4.773	0.0	47.949	4.091	0.0	47.955	5.24	0.497	42.819	3.553	0.0	45.463	4.107	0.0	47.155	3.793	0.0	45.207	4.281
138	12313	12314	SN	1	0.0	50.219	4.903	0.0	53.99	5.951	0.0	41.354	4.612	0.0	42.946	5.748	0.0	52.134	4.943	0.0	51.596	5.466	0.0	42.073	4.498	0.0	43.159	5.056
139	12314	12315	SN	1	0.0	51.5	5.154	0.0	52.626	4.965	0.0	46.019	4.303	0.0	45.497	4.791	0.0	52.239	5.194	0.0	53.295	4.632	0.0	44.733	4.012	0.0	44.238	4.392

Parameter Specifications	Parameters	SNR	Sigma0
	Range	20.0	20.0

Normal
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140	12314	12315	SN	1	0.0	51.5	5.593	0.0	52.626	5.376	0.0	46.019	4.653	0.0	45.497	5.196	0.0	52.239	5.648	0.0	53.295	5.034	0.0	44.733	4.357	0.0	44.238	4.797
141	12314	12315	SN	1	0.0	49.433	1.633	0.0	44.651	1.784	0.0	41.676	1.118	0.0	42.315	1.402	0.0	50.373	1.623	0.0	43.955	1.603	0.0	40.251	1.062	0.0	38.656	1.225
142	12314	12315	NS	1	0.122	46.348	3.705	0.0	49.84	5.086	0.0	44.283	3.615	0.0	48.386	5.261	0.335	46.289	3.755	0.0	50.409	4.985	0.0	42.759	3.495	0.0	47.139	4.658
143	12315	12316	NS	1	0.0	45.813	3.051	0.0	51.342	3.979	0.0	45.084	2.884	0.0	43.455	3.877	0.0	47.407	3.041	0.0	51.734	3.596	0.0	44.736	2.657	0.0	45.367	3.252
144	12316	12317	SN	1	0.0	49.487	5.514	0.0	44.662	6.006	0.0	47.04	3.615	0.0	40.742	4.881	0.0	49.723	5.664	0.0	44.165	5.815	0.0	45.935	3.707	0.0	40.777	4.673
145	12316	12317	SN	1	0.0	49.841	5.494	0.0	44.662	6.057	0.0	42.077	3.643	0.0	42.307	4.766	0.0	50.077	5.624	0.0	44.529	5.835	0.0	44.152	3.842	0.0	40.777	4.623
146	12316	12317	SN	1	0.0	40.671	1.268	0.0	46.834	1.623	0.0	45.64	1.224	0.0	37.108	1.644	0.0	41.539	1.291	0.0	43.879	1.546	0.0	45.508	1.21	0.0	36.9	1.624
147	12317	12318	SN	1	0.0	51.524	4.699	0.0	46.079	5.894	0.0	46.996	4.863	0.0	46.119	5.968	0.0	51.655	4.809	0.0	45.751	5.581	0.0	47.483	4.792	0.0	46.992	5.532
148	12317	12318	SN	1	0.0	27.158	0.389	0.0	12.716	0.0	0.0	30.914	0.408	0.0	12.715	0.0	0.0	27.21	0.35	0.0	10.669	0.0	0.0	30.321	0.272	0.0	12.554	0.0
149	12317	12318	NS	1	0.0	47.906	1.868	0.0	43.296	3.349	0.0	41.03	3.211	0.0	40.313	4.365	0.0	47.289	1.948	0.0	41.246	2.976	0.0	43.078	2.92	0.0	38.683	3.726
150	12317	12318	SN	1	0.0	36.783	2.901	0.0	11.729	0.0	0.0	28.446	1.18	0.0	17.724	0.0	0.0	36.112	2.901	0.0	10.839	0.0	0.0	29.509	0.858	0.0	14.755	0.0
151	12317	12318	NS	1	0.0	47.906	1.868	0.0	43.296	3.349	0.0	41.03	3.211	0.0	40.313	4.365	0.0	47.289	1.948	0.0	41.246	2.976	0.0	43.078	2.92	0.0	38.683	3.726
152	12317	12318	SN	1	0.0	46.775	1.218	0.0	51.852	1.881	0.0	36.354	1.376	0.0	49.773	1.979	0.0	46.757	1.207	0.0	52.462	1.695	0.0	35.759	1.324	0.0	48.951	1.821
153	12317	12318	NS	1	0.0	46.927	0.625	0.0	39.781	1.148	0.0	38.836	1.099	0.0	45.228	1.667	0.0	46.351	0.598	0.0	39.66	0.955	0.0	37.237	1.021	0.0	43.125	1.363
154	12318	12319	SN	1	0.0	47.341	3.006	0.0	47.131	3.858	0.0	49.117	3.068	0.0	44.133	4.069	0.0	47.81	3.076	0.0	45.029	3.535	0.0	48.618	2.763	0.0	43.482	3.548
155	12318	12319	SN	1	0.0	47.341	3.006	0.0	47.131	3.858	0.0	49.117	3.068	0.0	44.133	4.069	0.0	47.81	3.076	0.0	45.029	3.535	0.0	48.618	2.763	0.0	43.482	3.548
156	12318	12319	NS	1	0.0	47.355	3.03	0.0	39.834	3.36	0.0	42.935	2.626	0.0	39.111	3.784	0.0	45.979	3.009	0.0	42.05	3.206	0.0	42.447	2.546	0.0	43.605	3.263
157	12318	12319	NS	1	0.0	47.355	3.031	0.0	39.834	3.299	0.0	42.935	2.647	0.0	39.111	3.723	0.0	45.979	2.99	0.0	42.05	3.147	0.0	42.447	2.562	0.0	43.605	3.169
158	12318	12319	SN	1	0.0	44.011	0.756	0.0	57.57	1.038	0.0	39.504	0.83	0.0	36.913	1.098	0.0	43.346	0.749	0.0	58.308	0.922	0.0	39.28	0.786	0.0	39.445	0.902
159	12318	12319	NS	1	0.0	38.622	0.729	0.0	42.12	1.027	0.0	35.686	0.86	0.0	40.383	1.328	0.0	38.783	0.704	0.0	38.706	0.895	0.0	33.187	0.797	0.0	37.805	1.093
160	12318	12319	NS	1	0.0	48.033	3.122	0.0	39.521	3.339	0.0	42.832	2.576	0.0	39.414	3.645	0.0	46.655	3.122	0.0	42.097	3.167	0.0	42.345	2.512	0.0	43.662	3.176
161	12319	12320	NS	1	0.0	52.364	3.397	0.0	52.244	3.654	0.0	40.005	3.561	0.0	54.379	4.377	0.0	52.248	3.438	0.0	51.355	3.543	0.0	40.278	3.327	0.0	52.957	3.991
162	12319	12320	SN	1	0.0	52.762	3.005	0.0	47.587	3.181	0.0	41.255	3.515	0.0	42.177	4.127	0.0	54.677	3.075	0.0	47.49	3.03	0.0	40.149	3.281	0.0	43.968	3.712
163	12319	12320	NS	1	0.0	42.358	1.129	0.0	43.709	1.368	0.0	40.18	1.165	0.0	36.402	1.498	0.0	42.188	1.1	0.0	41.382	1.312	0.0	38.528	1.069	0.0	36.078	1.31
164	12319	12320	NS	1	0.0	47.324	3.562	0.0	51.773	3.912	0.0	41.812	3.69	0.0	54.195	4.534	0.0	47.678	3.615	0.0	50.884	3.73	0.0	43.891	3.503	0.0	52.957	4.151
165	12319	12320	NS	1	0.0	47.324	3.498	0.0	51.773	3.726	0.0	41.812	3.533	0.0	54.195	4.32	0.0	47.678	3.539	0.0	50.884	3.543	0.0	43.891	3.391	0.0	52.957	3.955
166	12320	12321	SN	1	0.0	40.309	1.115	0.0	48.995	1.315	0.0	45.013	1.249	0.0	39.43	1.779	0.0	40.578	1.083	0.0	50.156	1.21	0.0	44.647	1.179	0.0	38.353	1.478
167	12320	12321	NS	1	0.0	42.525	1.392	0.0	43.599	2.015	0.0	40.637	1.386	0.0	40.231	2.145	0.0	42.736	1.333	0.0	43.118	1.812	0.0	39.631	1.329	0.0	38.253	1.758
168	12320	12321	NS	1	0.0	45.553	5.944	0.0	49.156	7.544	0.0	51.639	5.097	0.0	39.78	6.931	0.0	43.836	5.865	0.0	47.903	7.252	0.0	49.394	5.049	0.0	38.62	6.041
169	12320	12321	SN	1	0.0	51.114	3.849	0.0	48.119	4.087	0.0	39.32	3.445	0.0	43.344	4.921	0.0	51.826	3.839	0.0	48.328	3.935	0.0	39.269	3.317	0.0	42.115	4.429
170	12320	12321	NS	1	0.0	50.808	5.44	0.0	49.181	6.981	0.0	47.796	4.808	0.0	42.598	6.201	0.0	51.627	5.359	0.0	48.953	6.616	0.0	45.552	4.68	0.0	39.793	5.453
171	12320	12321	SN	1	0.0	51.114	3.859	0.0	48.119	4.087	0.0	39.32	3.452	0.0	43.344	4.921	0.0	51.826	3.849	0.0	48.328	3.935	0.0	39.269	3.31	0.0	42.115	4.407
172	12320	12321	NS	1	0.0	43.146	5.39	0.0	49.182	6.839	0.0	51.639	4.83	0.0	39.78	6.237	0.0	43.435	5.279	0.0	48.954	6.555	0.0	49.394	4.73	0.0	38.62	5.51
173	12321	12322	NS	1	0.0	53.597	4.345	0.0	43.089	5.537	0.0	48.443	4.523	0.0	47.53	5.975	0.0	52.478	4.365	0.0	44.011	5.325	0.0	48.312	4.395	0.0	47.187	5.202
174	12321	12322	SN	1	0.0	42.199	2.221	0.0	50.824	2.836	0.0	46.987	2.323	0.0	43.655	3.25	0.0	44.231	2.251	0.0	49.527	2.634	0.0	48.323	2.167	0.0	44.749	2.914
175	12321	12322	NS	1	0.0	53.597	4.958	0.0	43.089	6.224	0.0	48.443	4.878	0.0	47.53	6.664	0.0	52.478	4.97	0.0	44.011	6.07	0.0	48.312	4.762	0.0	47.187	5.756

Parameter Specifications	Parameters	SNR	Sigma0
	Range	20.0	20.0

Normal
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176	12321	12322	NS	1	0.0	53.597	4.355	0.0	43.081	5.567	0.0	48.443	4.53	0.0	47.502	5.961	0.0	52.478	4.365	0.0	44.003	5.325	0.0	48.312	4.402	0.0	47.158	5.18
177	12321	12322	NS	1	0.0	45.298	1.248	0.0	46.995	1.655	0.0	41.331	1.449	0.0	47.428	1.925	0.0	46.236	1.225	0.0	47.556	1.481	0.0	44.919	1.421	0.0	48.034	1.638
178	12321	12322	SN	1	0.0	42.199	2.384	0.0	50.824	3.032	0.0	46.987	2.421	0.0	43.655	3.515	0.0	44.231	2.416	0.0	49.527	2.815	0.0	48.323	2.314	0.0	44.749	3.124
179	12321	12322	SN	1	0.0	43.01	0.612	0.0	44.431	0.796	0.0	44.99	0.746	0.0	39.722	1.003	0.0	43.743	0.598	0.0	42.816	0.762	0.0	44.181	0.686	0.0	37.217	0.844
180	12321	12322	SN	1	0.0	43.01	0.659	0.0	44.431	0.852	0.0	45.358	0.781	0.0	39.722	1.073	0.0	43.743	0.638	0.0	42.816	0.813	0.0	44.548	0.728	0.0	37.217	0.913

Parameter Specifications	Parameters	SNR	Sigma0
	Range	20.0	20.0

Normal
Alarming
Deviations
High Errors

					Azimuth Angle												Incidence Angle											
					Inner Aft			Inner Fore			Outer Aft			Outer Fore			Inner Aft			Inner Fore			Outer Aft			Outer Fore		
Sr No	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	12293	12294	SN	1	0.0	23.152	5.282	0.0	25.772	5.958	0.0	111.761	1.632	0.0	46.07	2.696	0.0	1.367	0.0	0.0	1.762	0.0	0.0	1.832	0.0	0.0	2.113	0.0
2	12293	12294	SN	1	0.0	23.152	5.282	0.0	25.772	5.958	0.0	111.761	1.632	0.0	46.07	2.696	0.0	1.367	0.0	0.0	1.762	0.0	0.0	1.832	0.0	0.0	2.113	0.0
3	12293	12294	SN	1	0.0	30.873	12.268	0.0	25.97	13.173	0.0	80.695	8.56	0.0	74.13	10.772	0.0	1.374	0.0	0.0	1.762	0.0	0.0	1.839	0.0	0.0	2.116	0.0
4	12293	12294	SN	1	0.0	30.873	12.268	0.0	25.97	13.173	0.0	80.695	8.56	0.0	74.13	10.772	0.0	1.374	0.0	0.0	1.762	0.0	0.0	1.839	0.0	0.0	2.116	0.0
5	12293	12294	NS	1	0.0	69.155	7.095	0.0	25.551	8.501	0.0	211.795	4.635	0.0	135.311	5.35	0.0	1.447	0.0	0.0	1.834	0.0	0.0	1.913	0.0	0.0	2.196	0.0
6	12293	12294	SN	1	0.0	30.873	12.26	0.0	25.97	12.949	0.0	80.695	8.602	0.0	74.13	10.284	0.0	1.374	0.0	0.0	1.761	0.0	0.0	1.839	0.0	0.0	2.11	0.0
7	12293	12294	NS	1	0.0	46.605	10.118	0.0	31.551	15.077	0.0	355.957	12.413	0.0	67.057	13.912	0.0	1.406	0.0	0.0	1.833	0.0	0.0	1.911	0.0	0.0	2.193	0.0
8	12293	12294	SN	1	0.0	23.152	5.266	0.0	25.772	5.893	0.0	111.761	1.625	0.0	46.07	2.509	0.0	1.367	0.0	0.0	1.756	0.0	0.0	1.832	0.0	0.0	2.109	0.0
9	12294	12295	SN	1	0.0	23.152	5.231	0.0	25.777	5.912	0.0	74.557	1.604	0.0	69.073	2.57	0.0	1.366	0.0	0.0	1.76	0.0	0.0	1.834	0.0	0.0	2.114	0.0
10	12294	12295	SN	1	0.0	30.967	12.225	0.0	25.97	13.05	0.0	84.159	8.538	0.0	255.333	10.496	0.0	1.381	0.0	0.0	1.763	0.0	0.0	1.844	0.0	0.0	2.112	0.0
11	12294	12295	NS	1	0.0	78.547	10.145	0.0	31.557	15.022	0.0	239.051	12.538	0.0	64.719	13.882	0.0	1.418	0.0	0.0	1.835	0.0	0.0	1.898	0.0	0.0	2.196	0.0
12	12294	12295	SN	1	0.0	23.152	5.231	0.0	25.777	5.91	0.0	74.519	1.602	0.0	140.955	2.579	0.0	1.367	0.0	0.0	1.76	0.0	0.0	1.834	0.0	0.0	2.114	0.0
13	12294	12295	SN	1	0.0	30.967	12.233	0.0	25.976	13.13	0.0	84.209	8.514	0.0	133.827	10.745	0.0	1.375	0.0	0.0	1.762	0.0	0.0	1.844	0.0	0.0	2.116	0.0
14	12294	12295	NS	1	0.0	122.607	10.128	0.0	31.557	14.983	0.0	266.217	12.463	0.0	69.164	13.855	0.0	1.406	0.0	0.0	1.832	0.0	0.0	1.91	0.0	0.0	2.195	0.0
15	12294	12295	NS	1	0.0	207.132	7.062	0.0	25.545	8.474	0.0	354.7	4.598	0.0	109.214	5.274	0.0	1.443	0.0	0.0	1.834	0.0	0.0	1.916	0.0	0.0	2.195	0.0
16	12294	12295	SN	1	0.0	23.152	5.239	0.0	25.777	5.942	0.0	74.557	1.601	0.0	69.073	2.675	0.0	1.366	0.0	0.0	1.762	0.0	0.0	1.834	0.0	0.0	2.114	0.0
17	12294	12295	SN	1	0.0	30.967	12.215	0.0	25.976	13.02	0.0	84.209	8.545	0.0	133.827	10.489	0.0	1.375	0.0	0.0	1.762	0.0	0.0	1.844	0.0	0.0	2.112	0.0
18	12294	12295	NS	1	0.0	241.033	7.067	0.0	25.54	8.468	0.0	352.136	4.605	0.0	130.551	5.28	0.0	1.438	0.0	0.0	1.833	0.0	0.0	1.916	0.0	0.0	2.195	0.0
19	12295	12296	SN	1	0.0	30.939	12.194	0.0	25.976	13.191	0.0	132.349	8.541	0.0	56.65	10.81	0.0	1.369	0.0	0.0	1.763	0.0	0.0	1.835	0.0	0.0	2.113	0.0
20	12295	12296	NS	1	0.0	45.623	7.082	0.0	25.518	8.466	0.0	352.797	4.615	0.0	117.999	5.313	0.0	1.448	0.0	0.0	1.834	0.0	0.0	1.915	0.0	0.0	2.195	0.0
21	12295	12296	NS	1	0.0	40.775	10.057	0.0	31.535	15.051	0.0	352.797	12.414	0.0	66.401	13.882	0.0	1.419	0.0	0.0	1.835	0.0	0.0	1.902	0.0	0.0	2.195	0.0
22	12295	12296	SN	1	0.0	23.152	5.258	0.0	25.761	5.989	0.0	139.563	1.603	0.0	48.179	2.733	0.0	1.367	0.0	0.0	1.763	0.0	0.0	1.837	0.0	0.0	2.114	0.0
23	12295	12296	SN	1	0.0	30.939	12.194	0.0	25.976	13.032	0.0	132.349	8.577	0.0	21.586	10.495	0.0	1.369	0.0	0.0	1.761	0.0	0.0	1.835	0.0	0.0	2.113	0.0
24	12295	12296	NS	1	0.0	45.623	7.082	0.0	25.518	8.466	0.0	352.797	4.615	0.0	117.999	5.313	0.0	1.448	0.0	0.0	1.834	0.0	0.0	1.915	0.0	0.0	2.195	0.0
25	12295	12296	SN	1	0.0	30.939	12.194	0.0	25.976	13.191	0.0	132.349	8.541	0.0	56.65	10.81	0.0	1.369	0.0	0.0	1.763	0.0	0.0	1.835	0.0	0.0	2.113	0.0
26	12295	12296	NS	1	0.0	40.775	10.057	0.0	31.535	15.051	0.0	352.797	12.414	0.0	66.401	13.882	0.0	1.419	0.0	0.0	1.835	0.0	0.0	1.902	0.0	0.0	2.195	0.0
27	12295	12296	SN	1	0.0	23.152	5.258	0.0	25.761	5.989	0.0	139.563	1.603	0.0	48.179	2.733	0.0	1.367	0.0	0.0	1.763	0.0	0.0	1.837	0.0	0.0	2.114	0.0
28	12295	12296	SN	1	0.0	23.152	5.24	0.0	25.761	5.932	0.0	139.563	1.603	0.0	15.117	2.599	0.0	1.367	0.0	0.0	1.76	0.0	0.0	1.837	0.0	0.0	2.109	0.0
29	12296	12297	NS	1	0.0	119.543	7.042	0.0	25.523	8.449	0.0	211.691	4.547	0.0	133.612	5.24	0.0	1.45	0.0	0.0	1.833	0.0	0.0	1.916	0.0	0.0	2.195	0.0
30	12296	12297	SN	1	0.0	23.146	5.28	0.0	25.755	6.046	0.0	132.399	1.643	0.0	50.81	2.786	0.0	1.366	0.0	0.0	1.763	0.0	0.0	1.834	0.0	0.0	2.114	0.0
31	12296	12297	SN	1	0.0	23.146	5.283	0.0	25.755	6.042	0.0	132.377	1.643	0.0	90.791	2.788	0.0	1.366	0.0	0.0	1.763	0.0	0.0	1.834	0.0	0.0	2.114	0.0

Parameter Specifications	Parameters	Azi.Angle	Inci.Angle
	Range	10.0	3.0

Normal
Deviations
Alarming
High Errors

32	12296	12297	SN	1	0.0	31.094	12.208	0.0	25.97	13.254	0.0	73.179	8.501	0.0	173.67	10.915	0.0	1.367	0.0	0.0	1.763	0.0	0.0	1.841	0.0	0.0	2.113	0.0
33	12296	12297	SN	1	0.0	31.094	12.208	0.0	25.97	13.223	0.0	73.19	8.494	0.0	67.098	10.93	0.0	1.368	0.0	0.0	1.763	0.0	0.0	1.842	0.0	0.0	2.113	0.0
34	12296	12297	SN	1	0.0	31.094	12.189	0.0	25.97	12.961	0.0	73.19	8.532	0.0	67.098	10.39	0.0	1.368	0.0	0.0	1.759	0.0	0.0	1.842	0.0	0.0	2.111	0.0
35	12296	12297	NS	1	0.0	217.705	7.042	0.0	25.54	8.423	0.0	346.88	4.547	0.0	120.21	5.258	0.0	1.446	0.0	0.0	1.833	0.0	0.0	1.913	0.0	0.0	2.194	0.0
36	12296	12297	NS	1	0.0	102.709	10.049	0.0	31.634	15.105	0.0	212.926	12.386	0.0	66.075	13.775	0.0	1.416	0.0	0.0	1.835	0.0	0.0	1.913	0.0	0.0	2.195	0.0
37	12296	12297	NS	1	0.0	155.879	10.02	0.0	31.491	15.035	0.0	212.926	12.393	0.0	66.075	13.833	0.0	1.42	0.0	0.0	1.835	0.0	0.0	1.902	0.0	0.0	2.195	0.0
38	12296	12297	SN	1	0.0	23.146	5.249	0.0	25.755	5.961	0.0	132.399	1.635	0.0	14.168	2.589	0.0	1.366	0.0	0.0	1.758	0.0	0.0	1.834	0.0	0.0	2.108	0.0
39	12297	12298	SN	1	0.0	30.994	12.24	0.0	25.976	13.212	0.0	89.067	8.627	0.0	64.73	10.889	0.0	1.369	0.0	0.0	1.765	0.0	0.0	1.831	0.0	0.0	2.112	0.0
40	12297	12298	SN	1	0.0	30.994	12.24	0.0	25.976	13.212	0.0	89.067	8.627	0.0	64.73	10.889	0.0	1.369	0.0	0.0	1.765	0.0	0.0	1.831	0.0	0.0	2.112	0.0
41	12297	12298	NS	1	0.055	42.634	10.007	0.0	31.612	15.089	0.0	149.393	12.401	0.0	68.055	13.854	0.0	1.417	0.0	0.0	1.835	0.0	0.0	1.912	0.0	0.0	2.192	0.0
42	12297	12298	NS	1	0.061	92.6	10.037	0.0	31.612	15.089	0.0	149.355	12.415	0.0	68.066	13.854	0.0	1.417	0.0	0.0	1.835	0.0	0.0	1.912	0.0	0.0	2.192	0.0
43	12297	12298	SN	1	0.0	30.994	12.243	0.0	25.965	12.856	0.0	89.067	8.673	0.0	15.784	10.157	0.0	1.369	0.0	0.0	1.756	0.0	0.0	1.831	0.0	0.0	2.112	0.0
44	12297	12298	SN	1	0.0	23.158	5.294	0.0	25.761	6.006	0.0	71.066	1.633	0.0	78.658	2.775	0.0	1.365	0.0	0.0	1.763	0.0	0.0	1.826	0.0	0.0	2.114	0.0
45	12297	12298	SN	1	0.0	23.158	5.294	0.0	25.761	6.006	0.0	71.066	1.633	0.0	78.658	2.775	0.0	1.365	0.0	0.0	1.763	0.0	0.0	1.826	0.0	0.0	2.114	0.0
46	12297	12298	SN	1	0.0	23.158	5.241	0.0	25.761	5.89	0.0	71.066	1.608	0.0	13.418	2.525	0.0	1.365	0.0	0.0	1.755	0.0	0.0	1.826	0.0	0.0	2.109	0.0
47	12297	12298	NS	1	0.0	206.95	7.064	0.0	25.545	8.482	0.0	358.798	4.547	0.0	134.908	5.301	0.0	1.449	0.0	0.0	1.833	0.0	0.0	1.917	0.0	0.0	2.195	0.0
48	12297	12298	NS	1	0.0	106.451	7.066	0.0	25.512	8.478	0.0	358.809	4.545	0.0	134.936	5.292	0.0	1.449	0.0	0.0	1.833	0.0	0.0	1.917	0.0	0.0	2.195	0.0
49	12298	12299	SN	1	0.0	28.303	12.211	0.0	25.976	13.254	0.0	83.122	8.619	0.0	57.544	11.008	0.0	1.37	0.0	0.0	1.765	0.0	0.0	1.83	0.0	0.0	2.112	0.0
50	12298	12299	NS	1	0.0	96.427	7.073	0.0	25.49	8.42	0.0	150.871	4.597	0.0	110.995	5.345	0.0	1.449	0.0	0.0	1.834	0.0	0.0	1.914	0.0	0.0	2.197	0.0
51	12298	12299	SN	1	0.0	23.157	5.274	0.0	25.755	6.063	0.0	55.139	1.643	0.0	42.427	2.807	0.0	1.363	0.0	0.0	1.763	0.0	0.0	1.83	0.0	0.0	2.114	0.0
52	12298	12299	NS	1	0.0	271.512	10.052	0.0	31.584	15.1	0.0	355.759	12.477	0.0	72.815	13.796	0.0	1.416	0.0	0.0	1.835	0.0	0.0	1.911	0.0	0.0	2.196	0.0
53	12298	12299	SN	1	0.0	31.0	12.252	0.0	25.976	13.209	0.0	83.144	8.633	0.0	75.023	10.865	0.0	1.37	0.0	0.0	1.765	0.0	0.0	1.83	0.0	0.0	2.112	0.0
54	12298	12299	SN	1	0.0	23.152	5.288	0.0	25.755	6.025	0.0	55.161	1.641	0.0	47.123	2.777	0.0	1.364	0.0	0.0	1.763	0.0	0.0	1.83	0.0	0.0	2.114	0.0
55	12298	12299	NS	1	0.0	202.293	7.051	0.0	25.518	8.436	0.0	355.759	4.599	0.0	110.995	5.325	0.0	1.447	0.0	0.0	1.833	0.0	0.0	1.916	0.0	0.0	2.196	0.0
56	12298	12299	NS	1	0.0	241.499	10.048	0.0	31.584	15.076	0.0	355.759	12.428	0.0	75.798	13.758	0.0	1.408	0.0	0.0	1.832	0.0	0.0	1.905	0.0	0.0	2.196	0.0
57	12299	12300	SN	1	0.0	28.32	12.176	0.0	25.97	13.26	0.0	80.513	8.581	0.0	207.549	11.04	0.0	1.364	0.0	0.0	1.763	0.0	0.0	1.847	0.0	0.0	2.117	0.0
58	12299	12300	NS	1	0.0	204.345	7.065	0.0	25.545	8.447	0.0	156.223	4.634	0.0	126.917	5.316	0.0	1.448	0.0	0.0	1.833	0.0	0.0	1.913	0.0	0.0	2.195	0.0
59	12299	12300	SN	1	0.0	23.152	5.259	0.0	25.761	6.079	0.0	76.416	1.632	0.0	246.65	2.817	0.0	1.363	0.0	0.0	1.763	0.0	0.0	1.836	0.0	0.0	2.116	0.0
60	12299	12300	NS	1	0.0	271.495	10.024	0.0	31.562	15.084	0.0	356.068	12.379	0.0	67.509	13.792	0.0	1.423	0.0	0.0	1.832	0.0	0.0	1.903	0.0	0.0	2.189	0.0
61	12300	12301	NS	1	0.0	24.205	6.974	0.0	25.54	8.471	0.0	60.166	4.645	0.0	116.73	5.349	0.0	1.45	0.0	0.0	1.834	0.0	0.0	1.915	0.0	0.0	2.195	0.0
62	12300	12301	NS	1	0.0	260.432	9.879	0.0	31.557	15.072	0.0	268.92	12.447	0.0	65.623	13.939	0.0	1.422	0.0	0.0	1.835	0.0	0.0	1.9	0.0	0.0	2.196	0.0
63	12300	12301	SN	1	0.0	28.309	12.207	0.0	25.976	13.25	0.0	75.296	8.532	0.0	71.541	10.989	0.0	1.383	0.0	0.0	1.764	0.0	0.0	1.839	0.0	0.0	2.118	0.0
64	12300	12301	SN	1	0.0	23.146	5.25	0.0	25.772	6.056	0.0	73.443	1.614	0.0	53.181	2.788	0.0	1.374	0.0	0.0	1.763	0.0	0.0	1.841	0.0	0.0	2.117	0.0
65	12301	12302	SN	1	0.0	23.494	5.248	0.0	25.766	5.999	0.0	135.013	1.62	0.0	122.593	2.717	0.0	1.364	0.0	0.0	1.763	0.0	0.0	1.821	0.0	0.0	2.113	0.0
66	12301	12302	SN	1	0.0	23.494	5.248	0.0	25.766	5.999	0.0	135.013	1.62	0.0	122.593	2.717	0.0	1.364	0.0	0.0	1.763	0.0	0.0	1.821	0.0	0.0	2.113	0.0
67	12301	12302	SN	1	0.0	31.027	12.264	0.0	25.965	13.224	0.0	80.558	8.495	0.0	122.587	10.762	0.0	1.365	0.0	0.0	1.762	0.0	0.0	1.83	0.0	0.0	2.112	0.0
68	12301	12302	NS	1	0.0	24.608	7.051	0.0	25.54	8.441	0.0	351.667	4.609	0.0	120.056	5.28	0.0	1.448	0.0	0.0	1.834	0.0	0.0	1.915	0.0	0.0	2.196	0.0

Parameter Specifications	Parameters	Azi.Angle	Inci.Angle
	Range	10.0	3.0

Normal
Deviations
Alarming
High Errors

69	12301	12302	SN	1	0.0	31.027	12.264	0.0	25.965	13.224	0.0	80.558	8.495	0.0	122.587	10.762	0.0	1.365	0.0	0.0	1.762	0.0	0.0	1.83	0.0	0.0	2.112	0.0
70	12301	12302	SN	1	0.0	18.591	4.389	0.0	25.452	4.357	0.0	135.013	1.147	0.0	39.769	0.22	0.0	1.317	0.0	0.0	1.661	0.0	0.0	1.81	0.0	0.0	2.005	0.0
71	12301	12302	NS	1	0.0	24.735	10.011	0.0	31.535	15.027	0.0	219.743	12.319	0.0	65.645	13.769	0.0	1.424	0.0	0.0	1.836	0.0	0.0	1.902	0.0	0.0	2.198	0.0
72	12301	12302	NS	1	0.0	24.608	7.051	0.0	25.54	8.441	0.0	351.667	4.609	0.0	120.056	5.28	0.0	1.448	0.0	0.0	1.834	0.0	0.0	1.915	0.0	0.0	2.196	0.0
73	12301	12302	NS	1	0.0	24.735	10.011	0.0	31.535	15.027	0.0	219.743	12.319	0.0	65.645	13.769	0.0	1.424	0.0	0.0	1.836	0.0	0.0	1.902	0.0	0.0	2.198	0.0
74	12301	12302	SN	1	0.0	31.027	12.24	0.0	24.343	8.192	0.0	62.623	3.81	0.0	34.596	0.206	0.0	1.329	0.0	0.0	1.661	0.0	0.0	1.795	0.0	0.0	1.999	0.0
75	12302	12303	NS	1	0.0	192.327	7.1	0.0	25.474	8.427	0.0	352.119	4.559	0.0	135.3	5.312	0.0	1.444	0.0	0.0	1.834	0.0	0.0	1.913	0.0	0.0	2.196	0.0
76	12302	12303	SN	1	0.0	31.022	12.208	0.0	234.065	12.287	0.0	87.523	8.595	0.0	102.086	8.946	0.0	1.383	0.0	0.0	1.744	0.0	0.0	1.789	0.0	0.0	2.098	0.0
77	12302	12303	SN	1	0.0	31.022	12.168	0.0	234.065	13.239	0.0	87.523	8.503	0.0	102.086	10.809	0.0	1.383	0.0	0.0	1.763	0.0	0.0	1.841	0.0	0.0	2.112	0.0
78	12302	12303	NS	1	0.0	211.983	9.998	0.0	61.983	15.034	0.0	268.925	12.341	0.0	67.062	13.804	0.0	1.42	0.0	0.0	1.835	0.0	0.0	1.902	0.0	0.0	2.196	0.0
79	12302	12303	NS	1	0.0	211.983	9.998	0.0	61.983	15.034	0.0	268.925	12.341	0.0	67.062	13.804	0.0	1.42	0.0	0.0	1.835	0.0	0.0	1.902	0.0	0.0	2.196	0.0
80	12302	12303	SN	1	0.0	23.466	5.073	0.0	131.05	5.622	0.0	130.783	1.524	0.0	13.082	2.136	0.0	1.363	0.0	0.0	1.742	0.0	0.0	1.799	0.0	0.0	2.093	0.0
81	12302	12303	SN	1	0.0	23.466	5.264	0.0	131.05	6.027	0.0	130.783	1.611	0.0	53.804	2.737	0.0	1.363	0.0	0.0	1.763	0.0	0.0	1.833	0.0	0.0	2.114	0.0
82	12302	12303	NS	1	0.0	192.327	7.1	0.0	25.474	8.427	0.0	352.119	4.559	0.0	135.3	5.312	0.0	1.444	0.0	0.0	1.834	0.0	0.0	1.913	0.0	0.0	2.196	0.0
83	12303	12304	NS	1	0.0	275.372	10.049	0.0	32.561	15.035	0.0	355.715	12.352	0.0	71.348	13.953	0.0	1.413	0.0	0.0	1.835	0.0	0.0	1.89	0.0	0.0	2.192	0.0
84	12303	12304	SN	1	0.0	24.812	5.214	0.0	225.889	6.044	0.0	70.973	1.59	0.0	45.675	2.698	0.0	1.366	0.0	0.0	1.763	0.0	0.0	1.84	0.0	0.0	2.116	0.0
85	12303	12304	SN	1	0.0	29.974	12.144	0.0	25.976	13.232	0.0	86.723	8.49	0.0	60.312	10.776	0.0	1.374	0.0	0.0	1.768	0.0	0.0	1.807	0.0	0.0	2.117	0.0
86	12303	12304	NS	1	0.0	217.04	6.992	0.0	25.54	8.449	0.0	358.787	4.515	0.0	130.981	5.264	0.0	1.425	0.0	0.0	1.833	0.0	0.0	1.916	0.0	0.0	2.196	0.0
87	12304	12305	SN	1	0.0	23.135	5.289	0.0	71.389	6.081	0.0	67.735	1.627	0.0	206.311	2.783	0.0	1.375	0.0	0.0	1.763	0.0	0.0	1.84	0.0	0.0	2.116	0.0
88	12304	12305	SN	1	0.0	31.038	12.263	0.0	81.994	13.279	0.0	68.474	8.568	0.0	198.278	10.898	0.0	1.373	0.0	0.0	1.764	0.0	0.0	1.84	0.0	0.0	2.113	0.0
89	12304	12305	SN	1	0.0	31.038	12.252	0.0	81.994	13.279	0.0	68.474	8.568	0.0	198.278	10.898	0.0	1.373	0.0	0.0	1.764	0.0	0.0	1.84	0.0	0.0	2.113	0.0
90	12304	12305	NS	1	0.0	142.701	7.069	0.0	25.54	8.472	0.0	355.809	4.644	0.0	130.683	5.34	0.0	1.424	0.0	0.0	1.834	0.0	0.0	1.916	0.0	0.0	2.196	0.0
91	12304	12305	SN	1	0.0	23.135	5.102	0.0	67.854	5.657	0.0	67.735	1.557	0.0	206.311	2.179	0.0	1.363	0.0	0.0	1.741	0.0	0.0	1.799	0.0	0.0	2.093	0.0
92	12304	12305	SN	1	0.0	31.038	12.294	0.0	81.994	12.411	0.0	68.474	8.664	0.0	157.801	8.971	0.0	1.364	0.0	0.0	1.745	0.0	0.0	1.789	0.0	0.0	2.1	0.0
93	12304	12305	NS	1	0.033	90.328	9.996	0.0	32.522	15.141	0.0	355.809	12.344	0.0	74.006	13.942	0.0	1.398	0.0	0.0	1.835	0.0	0.0	1.892	0.0	0.0	2.198	0.0
94	12304	12305	NS	1	0.033	90.328	9.996	0.0	32.522	15.141	0.0	355.809	12.344	0.0	74.006	13.942	0.0	1.398	0.0	0.0	1.835	0.0	0.0	1.892	0.0	0.0	2.198	0.0
95	12304	12305	NS	1	0.0	142.701	7.069	0.0	25.54	8.472	0.0	355.809	4.644	0.0	130.683	5.34	0.0	1.424	0.0	0.0	1.834	0.0	0.0	1.916	0.0	0.0	2.196	0.0
96	12304	12305	SN	1	0.0	23.135	5.289	0.0	67.854	6.074	0.0	67.735	1.625	0.0	206.311	2.789	0.0	1.375	0.0	0.0	1.764	0.0	0.0	1.84	0.0	0.0	2.116	0.0
97	12305	12306	SN	1	0.0	23.72	5.247	0.0	46.671	6.03	0.0	117.828	1.62	0.0	110.551	2.712	0.0	1.365	0.0	0.0	1.764	0.0	0.0	1.842	0.0	0.0	2.119	0.0
98	12305	12306	NS	1	0.0	204.345	7.117	0.0	25.54	8.427	0.0	262.418	4.794	0.0	16.677	5.284	0.0	1.448	0.0	0.0	1.834	0.0	0.0	1.914	0.0	0.0	2.196	0.0
99	12305	12306	NS	1	0.0	204.345	7.021	0.0	25.54	8.401	0.0	262.418	4.728	0.0	125.24	5.314	0.0	1.448	0.0	0.0	1.834	0.0	0.0	1.914	0.0	0.0	2.196	0.0
100	12305	12306	SN	1	0.0	31.055	12.275	0.0	35.718	13.164	0.0	93.463	8.462	0.0	98.164	10.79	0.0	1.365	0.0	0.0	1.766	0.0	0.0	1.845	0.0	0.0	2.118	0.0
101	12305	12306	SN	1	0.0	31.055	12.275	0.0	35.718	13.164	0.0	93.463	8.462	0.0	98.164	10.797	0.0	1.365	0.0	0.0	1.766	0.0	0.0	1.845	0.0	0.0	2.118	0.0
102	12305	12306	NS	1	0.0	272.212	9.975	0.0	35.566	15.091	0.0	212.943	12.353	0.0	68.882	13.901	0.0	1.425	0.0	0.0	1.835	0.0	0.0	1.908	0.0	0.0	2.191	0.0
103	12305	12306	NS	1	0.0	272.212	10.005	0.0	35.572	15.081	0.0	262.418	12.346	0.0	68.871	13.879	0.0	1.425	0.0	0.0	1.835	0.0	0.0	1.908	0.0	0.0	2.191	0.0
104	12305	12306	NS	1	0.0	272.212	10.011	0.0	30.013	14.893	0.0	262.418	12.52	0.0	19.176	13.728	0.0	1.425	0.0	0.0	1.835	0.0	0.0	1.908	0.0	0.0	2.191	0.0
105	12305	12306	SN	1	0.0	23.72	5.247	0.0	46.671	6.03	0.0	117.828	1.62	0.0	110.551	2.714	0.0	1.365	0.0	0.0	1.764	0.0	0.0	1.842	0.0	0.0	2.119	0.0

Parameter Specifications	Parameters	Azi.Angle	Inci.Angle
	Range	10.0	3.0

Normal
Deviations
Alarming
High Errors

106	12305	12306	NS	1	0.0	24.658	7.019	0.0	25.54	8.401	0.0	211.691	4.725	0.0	125.279	5.312	0.0	1.45	0.0	0.0	1.834	0.0	0.0	1.914	0.0	0.0	2.196	0.0
107	12306	12307	NS	1	0.0	23.224	10.014	0.0	32.544	14.985	0.0	351.7	12.377	0.0	66.726	13.911	0.0	1.408	0.0	0.0	1.833	0.0	0.0	1.913	0.0	0.0	2.193	0.0
108	12306	12307	SN	1	0.0	23.157	5.117	0.0	130.99	5.8	0.0	129.172	1.614	0.0	13.104	2.343	0.0	1.361	0.0	0.0	1.75	0.0	0.0	1.827	0.0	0.0	2.103	0.0
109	12306	12307	SN	1	0.0	23.157	5.277	0.0	130.99	6.064	0.0	129.172	1.635	0.0	44.131	2.763	0.0	1.361	0.0	0.0	1.765	0.0	0.0	1.827	0.0	0.0	2.116	0.0
110	12306	12307	NS	1	0.0	23.224	10.014	0.0	32.544	14.995	0.0	351.7	12.377	0.0	66.704	13.911	0.0	1.408	0.0	0.0	1.833	0.0	0.0	1.913	0.0	0.0	2.193	0.0
111	12306	12307	SN	1	0.0	31.16	12.26	0.0	275.665	13.288	0.0	132.658	8.551	0.0	56.529	10.85	0.0	1.363	0.0	0.0	1.763	0.0	0.0	1.839	0.0	0.0	2.113	0.0
112	12306	12307	SN	1	0.0	31.16	12.26	0.0	156.403	13.288	0.0	132.625	8.558	0.0	56.529	10.85	0.0	1.363	0.0	0.0	1.763	0.0	0.0	1.839	0.0	0.0	2.113	0.0
113	12306	12307	NS	1	0.0	24.613	7.057	0.0	25.545	8.42	0.0	357.375	4.776	0.0	120.801	5.346	0.0	1.449	0.0	0.0	1.834	0.0	0.0	1.917	0.0	0.0	2.196	0.0
114	12306	12307	SN	1	0.0	23.157	5.286	0.0	209.178	6.069	0.0	129.134	1.631	0.0	44.131	2.761	0.0	1.361	0.0	0.0	1.765	0.0	0.0	1.826	0.0	0.0	2.116	0.0
115	12306	12307	SN	1	0.0	31.16	12.293	0.0	275.665	12.525	0.0	132.658	8.589	0.0	14.515	9.539	0.0	1.363	0.0	0.0	1.755	0.0	0.0	1.839	0.0	0.0	2.109	0.0
116	12306	12307	NS	1	0.0	24.613	7.052	0.0	25.545	8.422	0.0	357.375	4.776	0.0	120.696	5.344	0.0	1.449	0.0	0.0	1.834	0.0	0.0	1.917	0.0	0.0	2.196	0.0
117	12307	12308	SN	1	0.0	31.055	12.174	0.0	25.909	12.672	0.0	79.438	8.438	0.0	15.552	9.832	0.0	1.37	0.0	0.0	1.755	0.0	0.0	1.84	0.0	0.0	2.109	0.0
118	12307	12308	NS	1	0.0	24.542	7.017	0.0	25.523	8.341	0.0	357.612	4.685	0.0	158.782	5.283	0.0	1.45	0.0	0.0	1.834	0.0	0.0	1.917	0.0	0.0	2.196	0.0
119	12307	12308	SN	1	0.0	25.259	5.165	0.0	25.75	5.862	0.0	133.242	1.549	0.0	13.109	2.436	0.0	1.371	0.0	0.0	1.754	0.0	0.0	1.828	0.0	0.0	2.106	0.0
120	12307	12308	NS	1	0.0	24.249	10.043	0.0	32.588	14.961	0.0	278.67	12.314	0.0	66.836	13.846	0.0	1.425	0.0	0.0	1.834	0.0	0.0	1.912	0.0	0.0	2.197	0.0
121	12309	12310	SN	1	0.0	25.099	5.257	0.0	233.778	6.049	0.0	69.892	1.63	0.0	15.194	2.698	0.0	1.369	0.0	0.0	1.763	0.0	0.0	1.845	0.0	0.0	2.115	0.0
122	12309	12310	SN	1	0.0	31.088	12.236	0.0	56.488	13.134	0.0	85.025	8.588	0.0	74.99	10.683	0.0	1.373	0.0	0.0	1.764	0.0	0.0	1.832	0.0	0.0	2.115	0.0
123	12309	12310	SN	1	0.0	31.088	12.233	0.0	56.488	13.275	0.0	85.025	8.548	0.0	74.99	10.931	0.0	1.373	0.0	0.0	1.764	0.0	0.0	1.832	0.0	0.0	2.115	0.0
124	12309	12310	NS	1	0.0	253.29	10.046	0.0	36.548	15.02	0.0	355.836	12.268	0.0	73.372	13.917	0.0	1.416	0.0	0.0	1.835	0.0	0.0	1.895	0.0	0.0	2.195	0.0
125	12310	12311	SN	1	0.0	23.163	5.263	0.0	25.75	6.024	0.0	72.55	1.657	0.0	14.543	2.67	0.0	1.369	0.0	0.0	1.762	0.0	0.0	1.838	0.0	0.0	2.112	0.0
126	12310	12311	SN	1	0.0	31.121	12.282	0.0	25.976	13.185	0.0	82.984	8.747	0.0	19.385	10.5	0.0	1.372	0.0	0.0	1.764	0.0	0.0	1.823	0.0	0.0	2.114	0.0
127	12310	12311	NS	1	0.0	269.394	10.026	0.0	32.577	15.107	0.0	356.04	12.308	0.0	72.528	13.83	0.0	1.426	0.0	0.0	1.835	0.0	0.0	1.898	0.0	0.0	2.193	0.0
128	12310	12311	SN	1	0.0	31.121	12.284	0.0	25.976	13.376	0.0	82.984	8.685	0.0	41.106	10.932	0.0	1.372	0.0	0.0	1.767	0.0	0.0	1.823	0.0	0.0	2.12	0.0
129	12310	12311	SN	1	0.0	31.121	12.284	0.0	25.976	13.376	0.0	82.984	8.685	0.0	41.106	10.932	0.0	1.372	0.0	0.0	1.767	0.0	0.0	1.823	0.0	0.0	2.12	0.0
130	12311	12312	SN	1	0.0	30.939	12.254	0.0	25.976	13.022	0.0	79.752	8.722	0.0	267.53	10.317	0.0	1.371	0.0	0.0	1.762	0.0	0.0	1.828	0.0	0.0	2.114	0.0
131	12311	12312	NS	1	0.0	66.767	10.043	0.0	32.516	15.001	0.0	350.498	12.353	0.0	69.704	13.895	0.0	1.424	0.0	0.0	1.832	0.0	0.0	1.911	0.0	0.0	2.195	0.0
132	12311	12312	NS	1	0.0	66.79	10.016	0.0	32.511	15.078	0.0	217.917	12.344	0.0	74.772	13.865	0.0	1.424	0.0	0.0	1.834	0.0	0.0	1.908	0.0	0.0	2.193	0.0
133	12311	12312	SN	1	0.0	30.939	12.223	0.0	25.981	13.367	0.0	79.736	8.65	0.0	51.67	10.961	0.0	1.371	0.0	0.0	1.768	0.0	0.0	1.828	0.0	0.0	2.119	0.0
134	12311	12312	SN	1	0.0	23.169	5.269	0.0	25.744	6.01	0.0	76.035	1.639	0.0	58.462	2.617	0.0	1.368	0.0	0.0	1.76	0.0	0.0	1.853	0.0	0.0	2.111	0.0
135	12312	12313	NS	1	0.0	217.859	10.044	0.0	36.449	15.086	0.0	159.999	12.246	0.0	67.095	13.896	0.0	1.42	0.0	0.0	1.835	0.0	0.0	1.896	0.0	0.0	2.195	0.0
136	12312	12313	SN	1	0.0	31.077	12.181	0.0	25.981	13.382	0.0	145.8	8.677	0.0	61.123	10.949	0.0	1.375	0.0	0.0	1.763	0.0	0.0	1.827	0.0	0.0	2.116	0.0
137	12313	12314	NS	1	0.022	221.061	10.034	0.0	32.627	15.056	0.0	261.122	12.323	0.0	67.051	13.924	0.0	1.421	0.0	0.0	1.835	0.0	0.0	1.898	0.0	0.0	2.195	0.0
138	12313	12314	SN	1	0.0	31.121	12.182	0.0	30.749	13.346	0.0	123.591	8.619	0.0	157.751	11.004	0.0	1.37	0.0	0.0	1.765	0.0	0.0	1.834	0.0	0.0	2.114	0.0
139	12314	12315	SN	1	0.0	31.083	12.307	0.0	25.976	13.351	0.0	86.602	8.577	0.0	225.285	10.954	0.0	1.379	0.0	0.0	1.766	0.0	0.0	1.836	0.0	0.0	2.113	0.0
140	12314	12315	SN	1	0.0	31.083	12.328	0.0	24.183	12.573	0.0	86.602	8.652	0.0	225.285	9.64	0.0	1.379	0.0	0.0	1.758	0.0	0.0	1.836	0.0	0.0	2.109	0.0
141	12314	12315	SN	1	0.0	23.174	5.124	0.0	25.739	5.825	0.0	77.905	1.644	0.0	226.394	2.391	0.0	1.371	0.0	0.0	1.751	0.0	0.0	1.848	0.0	0.0	2.106	0.0
142	12314	12315	NS	1	0.022	59.67	9.984	0.0	32.616	15.056	0.0	355.704	12.281	0.0	72.285	13.952	0.0	1.416	0.0	0.0	1.836	0.0	0.0	1.898	0.0	0.0	2.196	0.0

Parameter Specifications	Parameters	Azi.Angle	Inci.Angle
	Range	10.0	3.0

Normal
Deviations
Alarming
High Errors

143	12315	12316	NS	1	0.0	270.563	10.001	0.0	32.682	15.069	0.0	355.985	12.225	0.0	75.037	13.846	0.0	1.415	0.0	0.0	1.835	0.0	0.0	1.898	0.0	0.0	2.196	0.0
144	12316	12317	SN	1	0.0	138.371	12.333	0.0	69.823	13.386	0.0	115.969	8.728	0.0	202.219	10.955	0.0	1.381	0.0	0.0	1.803	0.0	0.0	1.83	0.0	0.0	2.139	0.0
145	12316	12317	SN	1	0.0	138.371	12.333	0.0	69.823	13.386	0.0	115.969	8.728	0.0	202.219	10.955	0.0	1.381	0.0	0.0	1.803	0.0	0.0	1.83	0.0	0.0	2.139	0.0
146	12316	12317	SN	1	0.0	134.627	5.292	0.0	69.834	6.122	0.0	130.0	1.669	0.0	199.566	2.814	0.0	1.506	0.0	0.0	1.764	0.0	0.0	1.839	0.0	0.0	2.138	0.0
147	12317	12318	SN	1	0.0	31.049	12.239	0.0	25.981	13.291	0.0	128.764	8.683	0.0	98.837	10.914	0.0	1.37	0.0	0.0	1.765	0.0	0.0	1.823	0.0	0.0	2.118	0.0
148	12317	12318	SN	1	0.0	18.983	4.438	0.0	25.452	19.24	0.0	12.767	1.413	0.0	59.838	5.616	0.0	1.343	0.0	0.0	1.59	0.0	0.0	1.816	0.0	0.0	1.941	0.0
149	12317	12318	NS	1	0.0	95.007	10.024	0.0	32.566	15.029	0.0	353.459	12.325	0.0	70.708	13.876	0.0	1.407	0.0	0.0	1.833	0.0	0.0	1.915	0.0	0.0	2.194	0.0
150	12317	12318	SN	1	0.0	23.913	8.02	0.0	25.898	22.807	0.0	12.795	4.506	0.0	53.534	6.338	0.0	1.329	0.0	0.0	1.589	0.0	0.0	1.807	0.0	0.0	1.649	0.0
151	12317	12318	NS	1	0.0	95.007	10.024	0.0	32.566	15.029	0.0	353.459	12.325	0.0	70.708	13.876	0.0	1.407	0.0	0.0	1.833	0.0	0.0	1.915	0.0	0.0	2.194	0.0
152	12317	12318	SN	1	0.0	23.163	5.299	0.0	25.739	6.112	0.0	121.352	1.659	0.0	42.206	2.789	0.0	1.367	0.0	0.0	1.764	0.0	0.0	1.847	0.0	0.0	2.117	0.0
153	12317	12318	NS	1	0.0	156.996	7.055	0.0	24.663	8.341	0.0	354.595	4.564	0.0	136.121	5.242	0.0	1.445	0.0	0.0	1.833	0.0	0.0	1.917	0.0	0.0	2.196	0.0
154	12318	12319	SN	1	0.0	31.215	12.185	0.0	25.981	13.22	0.0	163.95	8.587	0.0	61.421	10.852	0.0	1.37	0.0	0.0	1.765	0.0	0.0	1.823	0.0	0.0	2.12	0.0
155	12318	12319	SN	1	0.0	31.215	12.185	0.0	25.981	13.22	0.0	163.95	8.587	0.0	61.421	10.852	0.0	1.37	0.0	0.0	1.765	0.0	0.0	1.823	0.0	0.0	2.12	0.0
156	12318	12319	NS	1	0.0	94.922	9.948	0.0	30.002	14.803	0.0	230.828	12.585	0.0	17.819	13.536	0.0	1.406	0.0	0.0	1.832	0.0	0.0	1.903	0.0	0.0	2.193	0.0
157	12318	12319	NS	1	0.0	94.922	9.913	0.0	32.588	15.066	0.0	230.828	12.345	0.0	70.802	13.784	0.0	1.406	0.0	0.0	1.832	0.0	0.0	1.903	0.0	0.0	2.193	0.0
158	12318	12319	SN	1	0.0	23.152	5.283	0.0	25.75	6.083	0.0	163.95	1.656	0.0	52.657	2.741	0.0	1.371	0.0	0.0	1.768	0.0	0.0	1.854	0.0	0.0	2.118	0.0
159	12318	12319	NS	1	0.0	157.359	7.023	0.0	24.663	8.278	0.0	357.485	4.656	0.0	70.14	5.274	0.0	1.452	0.0	0.0	1.834	0.0	0.0	1.914	0.0	0.0	2.196	0.0
160	12318	12319	NS	1	0.0	94.911	9.923	0.0	32.605	15.036	0.0	194.423	12.359	0.0	70.824	13.748	0.0	1.406	0.0	0.0	1.833	0.0	0.0	1.912	0.0	0.0	2.193	0.0
161	12319	12320	NS	1	0.0	268.727	10.01	0.0	32.665	15.034	0.0	355.549	12.184	0.0	60.814	13.98	0.0	1.421	0.0	0.0	1.835	0.0	0.0	1.903	0.0	0.0	2.196	0.0
162	12319	12320	SN	1	0.0	31.187	12.21	0.0	146.404	13.312	0.0	97.108	8.685	0.0	42.454	10.93	0.0	1.384	0.0	0.0	1.765	0.0	0.0	1.82	0.0	0.0	2.121	0.0
163	12319	12320	NS	1	0.0	257.68	7.018	0.0	24.658	8.256	0.0	357.783	4.701	0.0	135.255	5.216	0.0	1.443	0.0	0.0	1.834	0.0	0.0	1.914	0.0	0.0	2.195	0.0
164	12319	12320	NS	1	0.0	268.727	10.099	0.0	29.996	14.556	0.0	355.549	12.83	0.0	16.633	13.617	0.0	1.421	0.0	0.0	1.835	0.0	0.0	1.903	0.0	0.0	2.196	0.0
165	12319	12320	NS	1	0.0	268.727	10.01	0.0	32.665	15.034	0.0	355.549	12.184	0.0	60.814	13.98	0.0	1.421	0.0	0.0	1.835	0.0	0.0	1.903	0.0	0.0	2.196	0.0
166	12320	12321	SN	1	0.0	23.169	5.295	0.0	70.667	6.118	0.0	105.64	1.687	0.0	45.697	2.808	0.0	1.366	0.0	0.0	1.764	0.0	0.0	1.854	0.0	0.0	2.118	0.0
167	12320	12321	NS	1	0.0	143.42	7.045	0.0	24.658	8.294	0.0	349.069	4.772	0.0	133.463	5.289	0.0	1.453	0.0	0.0	1.834	0.0	0.0	1.915	0.0	0.0	2.195	0.0
168	12320	12321	NS	1	0.0	259.048	10.141	0.0	30.002	14.74	0.0	355.831	13.554	0.0	16.644	13.665	0.0	1.424	0.0	0.0	1.836	0.0	0.0	1.903	0.0	0.0	2.196	0.0
169	12320	12321	SN	1	0.0	31.121	12.3	0.0	30.071	13.33	0.0	119.306	8.681	0.0	53.176	11.0	0.0	1.368	0.0	0.0	1.766	0.0	0.0	1.843	0.0	0.0	2.118	0.0
170	12320	12321	NS	1	0.0	259.048	9.941	0.0	32.671	15.106	0.0	355.831	12.259	0.0	73.184	13.943	0.0	1.424	0.0	0.0	1.836	0.0	0.0	1.903	0.0	0.0	2.196	0.0
171	12320	12321	SN	1	0.0	31.121	12.3	0.0	30.071	13.33	0.0	119.306	8.681	0.0	53.176	11.0	0.0	1.368	0.0	0.0	1.766	0.0	0.0	1.843	0.0	0.0	2.118	0.0
172	12320	12321	NS	1	0.0	259.048	9.941	0.0	32.671	15.106	0.0	355.831	12.259	0.0	73.184	13.95	0.0	1.424	0.0	0.0	1.836	0.0	0.0	1.903	0.0	0.0	2.196	0.0
173	12321	12322	NS	1	0.0	24.459	9.912	0.0	34.75	15.117	0.0	356.073	12.241	0.0	73.156	13.838	0.0	1.415	0.0	0.0	1.835	0.0	0.0	1.893	0.0	0.0	2.195	0.0
174	12321	12322	SN	1	0.0	31.055	12.3	0.0	26.009	13.31	0.0	82.438	8.696	0.0	66.891	10.985	0.0	1.37	0.0	0.0	1.767	0.0	0.0	1.838	0.0	0.0	2.119	0.0
175	12321	12322	NS	1	0.0	24.459	10.262	0.0	29.991	14.859	0.0	356.073	14.401	0.0	16.688	13.795	0.0	1.415	0.0	0.0	1.835	0.0	0.0	1.893	0.0	0.0	2.195	0.0
176	12321	12322	NS	1	0.0	24.459	9.922	0.0	34.75	15.117	0.0	356.073	12.241	0.0	73.156	13.816	0.0	1.415	0.0	0.0	1.835	0.0	0.0	1.893	0.0	0.0	2.195	0.0
177	12321	12322	NS	1	0.0	24.591	7.047	0.0	24.658	8.268	0.0	350.922	4.694	0.0	163.52	5.22	0.0	1.453	0.0	0.0	1.833	0.0	0.0	1.919	0.0	0.0	2.196	0.0
178	12321	12322	SN	1	0.0	31.055	12.306	0.0	24.332	12.626	0.0	82.438	8.744	0.0	18.765	9.847	0.0	1.37	0.0	0.0	1.756	0.0	0.0	1.838	0.0	0.0	2.116	0.0
179	12321	12322	SN	1	0.0	23.174	5.285	0.0	25.744	6.145	0.0	67.906	1.689	0.0	73.998	2.824	0.0	1.367	0.0	0.0	1.764	0.0	0.0	1.85	0.0	0.0	2.117	0.0

Parameter Specifications	Parameters	Azi.Angle	Inci.Angle
	Range	10.0	3.0

Normal
Deviations
Alarming
High Errors

180	12321	12322	SN	1	0.0	23.174	5.172	0.0	25.744	5.897	0.0	67.906	1.682	0.0	73.998	2.476	0.0	1.367	0.0	0.0	1.754	0.0	0.0	1.85	0.0	0.0	2.106	0.0

Parameter Specifications	Parameters	Azi.Angle	Inci.Angle
	Range	10.0	3.0

Normal
Alarming
Deviations
High Errors