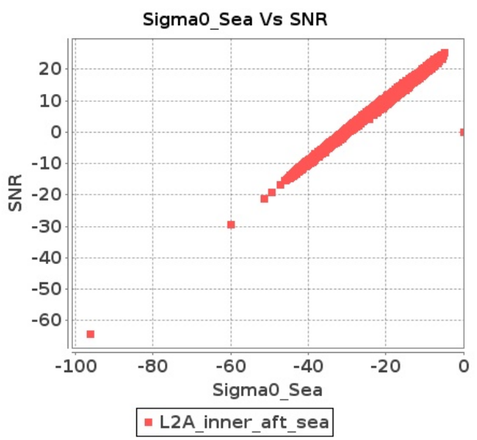
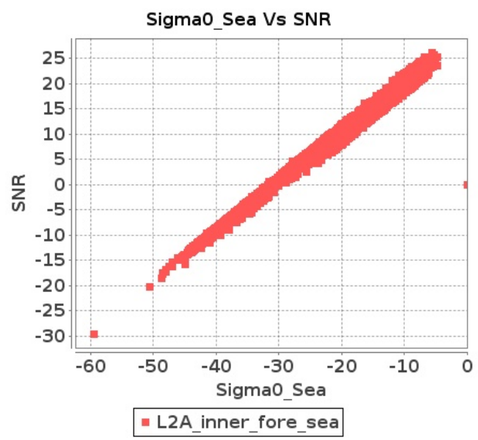
SCATSAT-1 Scatterometer Level-2A Data Quality Cycle wise Report

Report between 12-JAN-2019 To 13-JAN-2019

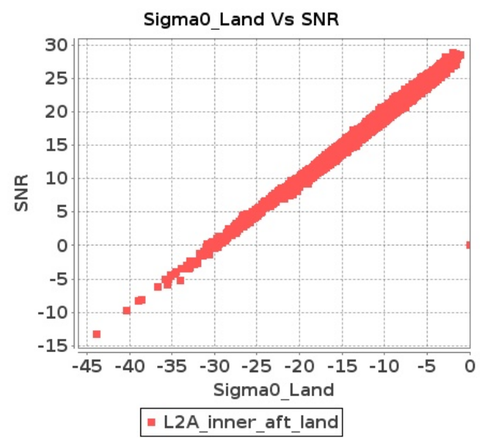
Inner Sea Aft Sigma0VsSNR



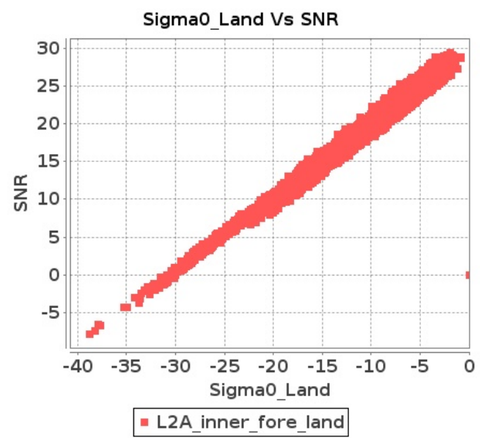
Inner Sea Fore Sigma0VsSNR



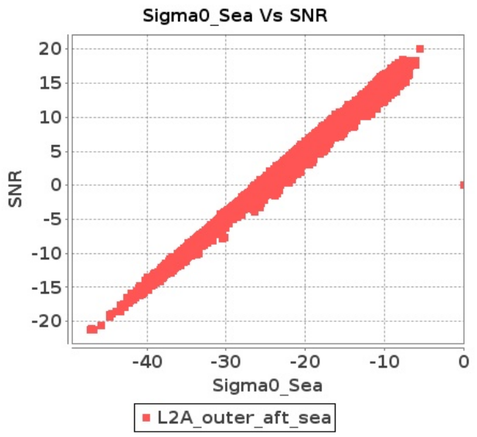
Inner Land Aft Sigma0VsSNR



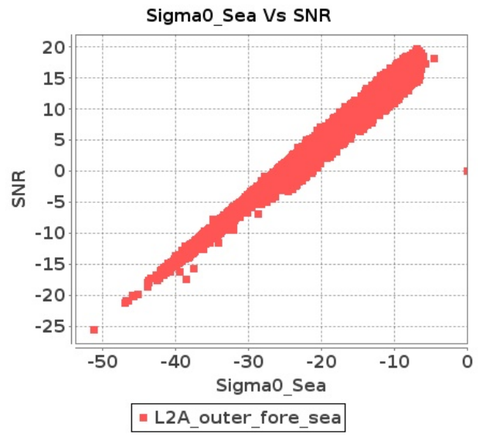
Inner Land Fore Sigma0VsSNR



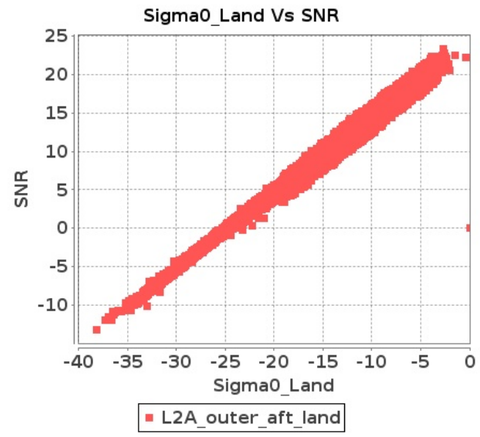
Outer Sea Aft Sigma0VsSNR



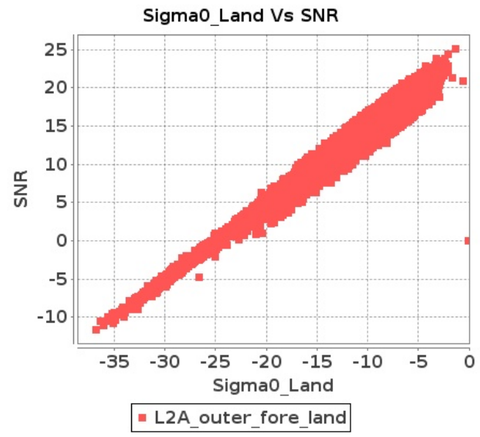
Outer Sea Fore Sigma0VsSNR



Outer Land Aft Sigma0VsSNR



Outer Land Fore Sigma0VsSNR



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

Report between 12-JAN-2019 To 13-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	12150	12151	SN	1	0.0	39.396	2.918	0.0	44.41	3.889	0.0	37.479	3.414	0.0	49.049	4.779	0.0	39.107	2.998	0.0	43.972	3.5	0.0	37.504	3.385	0.0	45.44	4.138
2	12150	12151	SN	1	0.0	42.153	0.903	0.0	38.839	1.191	0.0	46.622	1.113	0.0	38.946	1.782	0.0	42.28	0.871	0.0	40.033	1.065	0.0	44.27	1.019	0.0	38.233	1.42
3	12150	12151	SN	1	0.0	42.038	2.958	0.0	42.758	3.868	0.0	43.005	3.421	0.0	51.424	4.793	0.0	42.333	3.009	0.0	43.511	3.459	0.0	40.85	3.343	0.0	47.815	4.123
4	12150	12151	SN	1	0.0	42.154	0.907	0.0	38.887	1.159	0.0	44.37	1.089	0.0	38.415	1.785	0.0	42.282	0.873	0.0	38.735	1.024	0.0	42.398	1.012	0.0	38.334	1.434
5	12151	12152	SN	1	0.0	45.709	0.472	0.0	44.051	0.827	0.0	37.343	0.639	0.0	41.235	1.177	0.0	46.846	0.453	0.0	42.576	0.674	0.0	35.234	0.532	0.0	38.34	0.933
6	12151	12152	NS	1	0.0	51.998	2.413	0.0	50.496	4.948	0.0	45.004	2.649	0.0	47.709	4.195	0.0	52.92	2.434	0.0	51.022	4.473	0.0	41.961	2.521	0.0	44.955	3.493
7	12151	12152	SN	1	0.0	43.169	1.917	0.0	38.434	2.647	0.0	35.711	1.871	0.0	38.666	3.158	0.0	44.243	1.857	0.0	38.199	2.362	0.0	35.853	1.757	0.0	40.345	2.605
8	12151	12152	NS	1	0.0	51.998	0.663	0.0	53.87	1.302	0.0	43.234	0.77	0.0	45.118	1.269	0.0	52.92	0.663	0.0	55.486	1.187	0.0	47.775	0.676	0.0	46.587	1.071
9	12151	12152	NS	1	0.0	51.998	0.681	0.0	50.91	1.346	0.0	35.945	0.718	0.0	41.836	1.28	0.0	52.92	0.649	0.0	49.881	1.228	0.0	35.884	0.656	0.0	36.12	1.047
10	12151	12152	SN	1	0.0	43.649	1.907	0.0	44.108	2.606	0.0	35.088	1.942	0.0	40.432	3.129	0.0	44.722	1.806	0.0	41.929	2.341	0.0	35.693	1.8	0.0	38.381	2.67
11	12151	12152	SN	1	0.0	43.169	1.962	0.0	38.434	2.709	0.0	35.711	1.915	0.0	38.666	3.218	0.0	44.243	1.9	0.0	38.199	2.417	0.0	35.853	1.798	0.0	40.345	2.667
12	12151	12152	SN	1	0.0	40.564	0.467	0.0	43.919	0.807	0.0	34.897	0.658	0.0	35.428	1.177	0.0	41.702	0.451	0.0	42.443	0.672	0.0	34.344	0.564	0.0	34.365	0.919
13	12151	12152	NS	1	0.0	54.365	2.496	0.0	47.477	4.763	0.0	45.565	2.62	0.0	44.495	4.251	0.0	54.847	2.537	0.0	49.708	4.248	0.0	45.183	2.393	0.0	45.77	3.535
14	12152	12153	SN	1	0.0	47.323	3.948	0.0	37.979	4.448	0.0	42.14	3.281	0.0	36.877	3.93	0.0	47.066	3.916	0.0	38.216	4.417	0.0	42.285	3.273	0.0	39.091	3.774
15	12152	12153	NS	1	0.0	47.204	3.502	0.0	52.476	3.771	0.0	43.91	3.512	0.0	44.472	4.06	0.0	47.289	3.543	0.0	51.666	3.629	0.0	46.925	3.612	0.0	43.236	3.954
16	12152	12153	SN	1	0.0	39.524	1.024	0.0	38.703	1.134	0.0	38.884	1.145	0.0	36.559	1.461	0.0	38.686	1.038	0.0	35.894	1.08	0.0	40.164	1.114	0.0	36.78	1.299
17	12152	12153	NS	1	0.0	39.529	0.892	0.0	47.75	1.147	0.0	38.825	1.009	0.0	46.34	1.342	0.0	39.364	0.94	0.0	47.529	1.122	0.0	39.804	1.007	0.0	44.987	1.252
18	12152	12153	SN	1	0.0	47.323	3.811	0.0	37.979	4.291	0.0	42.14	3.173	0.0	36.877	3.817	0.0	47.066	3.781	0.0	38.216	4.26	0.0	42.285	3.152	0.0	39.091	3.667
19	12152	12153	SN	1	0.0	39.524	0.989	0.0	38.703	1.098	0.0	38.884	1.109	0.0	36.559	1.42	0.0	38.686	1.002	0.0	35.894	1.043	0.0	40.164	1.077	0.0	36.78	1.256
20	12152	12153	SN	1	0.0	39.524	0.989	0.0	38.703	1.098	0.0	38.884	1.109	0.0	36.559	1.42	0.0	38.686	1.002	0.0	35.894	1.043	0.0	40.164	1.077	0.0	36.78	1.254
21	12152	12153	NS	1	0.0	40.272	0.906	0.0	47.278	1.129	0.0	39.046	1.009	0.0	43.441	1.365	0.0	41.998	0.973	0.0	47.045	1.108	0.0	40.024	1.027	0.0	43.692	1.236
22	12152	12153	SN	1	0.0	47.323	3.811	0.0	37.979	4.291	0.0	42.14	3.173	0.0	36.877	3.817	0.0	47.066	3.781	0.0	38.216	4.26	0.0	42.285	3.152	0.0	39.091	3.667
23	12152	12153	NS	1	0.0	44.693	3.432	0.0	52.488	3.801	0.0	47.901	3.548	0.0	47.731	4.103	0.0	44.801	3.523	0.0	52.509	3.629	0.0	46.119	3.583	0.0	46.377	3.947
24	12153	12154	SN	1	0.0	48.539	5.217	0.0	47.457	6.11	0.0	44.776	4.686	0.0	48.359	6.31	0.0	49.669	5.175	0.0	48.121	5.822	0.0	45.966	4.867	0.0	50.284	5.903
25	12153	12154	SN	1	0.0	48.539	4.99	0.0	47.457	5.811	0.0	44.776	4.448	0.0	48.359	6.05	0.0	49.669	4.93	0.0	47.527	5.527	0.0	45.966	4.633	0.0	50.284	5.628
26	12153	12154	SN	1	0.0	48.73	1.412	0.0	44.391	1.831	0.0	39.314	1.41	0.0	49.634	2.012	0.0	48.084	1.371	0.0	46.637	1.735	0.0	37.208	1.38	0.0	45.225	1.766
27	12153	12154	NS	1	0.0	48.868	5.89	0.0	43.348	6.529	0.0	43.748	5.334	0.0	46.787	7.076	0.0	49.147	5.951	0.0	43.374	6.104	0.0	43.301	5.27	0.0	46.691	6.814
28	12153	12154	NS	1	0.0	45.038	1.537	0.0	56.609	1.987	0.0	39.961	1.695	0.0	38.984	2.386	0.0	44.811	1.552	0.0	54.675	1.926	0.0	40.136	1.706	0.0	37.34	2.193
29	12153	12154	SN	1	0.0	48.539	4.95	0.0	47.457	5.811	0.0	44.776	4.455	0.0	48.359	6.05	0.0	49.669	4.91	0.0	48.121	5.527	0.0	45.966	4.626	0.0	50.284	5.628
30	12153	12154	NS	1	0.0	48.868	5.9	0.0	42.761	6.529	0.0	44.349	5.341	0.0	46.11	7.069	0.0	49.166	5.981	0.0	42.561	6.064	0.0	43.903	5.263	0.0	46.61	6.821
31	12153	12154	SN	1	0.0	48.73	1.405	0.0	44.391	1.824	0.0	48.112	1.392	0.0	49.634	2.016	0.0	48.084	1.371	0.0	46.637	1.74	0.0	45.636	1.378	0.0	45.225	1.766

Parameter Specifications	Parameters	SNR	Sigma0
	Range	20.0	20.0

Normal
Deviations
Alarming
High Errors

32	12153	12154	NS	1	0.0	48.164	1.525	0.0	56.609	1.998	0.0	45.165	1.697	0.0	39.218	2.398	0.0	47.938	1.548	0.0	54.675	1.939	0.0	46.369	1.722	0.0	35.533	2.2
33	12154	12155	SN	1	0.0	43.919	1.435	0.0	47.392	1.524	0.0	44.53	1.243	0.0	45.969	1.553	0.0	42.641	1.44	0.0	45.476	1.449	0.0	44.063	1.216	0.0	42.197	1.305
34	12154	12155	SN	1	0.0	51.544	5.803	0.0	49.541	6.049	0.0	43.692	4.459	0.0	45.18	4.893	0.0	51.407	5.824	0.0	51.703	5.723	0.0	44.296	4.338	0.0	45.911	4.469
35	12154	12155	SN	1	0.0	51.544	5.793	0.0	49.541	6.059	0.0	43.692	4.452	0.0	45.18	4.886	0.0	51.407	5.813	0.0	51.703	5.723	0.0	44.296	4.324	0.0	45.911	4.469
36	12154	12155	SN	1	0.0	51.544	6.241	0.0	49.541	6.498	0.0	43.692	4.804	0.0	45.18	5.219	0.0	51.407	6.263	0.0	51.703	6.168	0.0	44.296	4.658	0.0	45.911	4.785
37	12154	12155	NS	1	0.0	46.992	1.5	0.0	47.273	2.2	0.0	39.532	1.601	0.0	38.734	2.236	0.0	46.778	1.487	0.0	46.475	2.036	0.0	41.549	1.558	0.0	38.738	1.958
38	12154	12155	NS	1	0.0	47.245	1.485	0.0	45.445	2.214	0.0	39.509	1.574	0.0	40.76	2.236	0.0	47.032	1.467	0.0	44.639	2.061	0.0	41.524	1.534	0.0	38.793	1.961
39	12154	12155	NS	1	0.0	55.345	5.361	0.0	48.582	7.532	0.0	45.409	5.203	0.0	41.995	7.31	0.0	54.104	5.311	0.0	49.825	7.067	0.0	45.929	5.281	0.0	38.83	6.573
40	12154	12155	NS	1	0.0	55.489	5.371	0.0	48.458	7.542	0.0	45.734	5.181	0.0	41.6	7.274	0.0	54.248	5.331	0.0	50.153	7.047	0.0	46.255	5.28	0.0	38.746	6.58
41	12154	12155	SN	1	0.0	43.919	1.553	0.0	47.106	1.641	0.0	44.53	1.349	0.0	45.969	1.657	0.0	42.641	1.56	0.0	45.191	1.56	0.0	44.063	1.319	0.0	42.197	1.392
42	12154	12155	SN	1	0.0	43.919	1.438	0.0	47.392	1.524	0.0	44.53	1.243	0.0	45.969	1.551	0.0	42.641	1.444	0.0	45.476	1.446	0.0	44.063	1.218	0.0	42.197	1.3
43	12155	12156	SN	1	0.0	48.266	4.628	0.0	50.079	4.873	0.0	47.221	3.969	0.0	44.818	4.175	0.0	48.517	4.55	0.0	51.672	4.817	0.0	48.59	3.826	0.0	46.367	3.952
44	12155	12156	SN	1	0.0	48.266	4.162	0.0	50.079	4.482	0.0	47.221	3.584	0.0	44.818	3.846	0.0	48.517	4.092	0.0	51.672	4.411	0.0	48.59	3.449	0.0	46.367	3.568
45	12155	12156	NS	1	0.0	47.111	0.85	0.0	49.284	1.135	0.0	38.093	0.958	0.0	39.826	1.369	0.0	48.894	0.821	0.0	44.916	1.034	0.0	39.638	0.912	0.0	41.57	1.172
46	12155	12156	NS	1	0.05	44.134	2.43	0.0	43.508	3.698	0.0	42.555	3.222	0.0	46.741	4.441	0.008	43.995	2.43	0.0	46.532	3.213	0.0	41.515	3.208	0.0	47.187	3.818
47	12155	12156	SN	1	0.0	46.823	1.238	0.0	55.67	1.392	0.0	41.469	1.058	0.0	38.186	1.233	0.0	46.909	1.248	0.0	54.109	1.359	0.0	40.131	1.014	0.0	39.68	1.073
48	12155	12156	NS	1	0.0	43.652	2.41	0.0	47.802	3.648	0.0	43.543	3.257	0.0	46.642	4.477	0.0	43.513	2.461	0.0	46.657	3.163	0.0	41.871	3.208	0.0	46.928	3.861
49	12155	12156	NS	1	0.0	47.544	0.859	0.0	40.832	1.137	0.0	39.125	0.967	0.0	41.395	1.351	0.0	49.328	0.821	0.0	41.971	1.036	0.0	40.35	0.919	0.0	41.458	1.174
50	12155	12156	SN	1	0.0	46.823	1.117	0.0	55.67	1.259	0.0	41.469	0.953	0.0	38.186	1.121	0.0	46.909	1.124	0.0	54.109	1.225	0.0	40.131	0.914	0.0	39.68	0.975
51	12156	12157	SN	1	0.0	48.245	3.346	0.0	42.495	4.269	0.0	40.488	3.612	0.0	42.889	3.939	0.0	47.993	3.376	0.0	40.95	4.259	0.0	41.01	3.605	0.0	40.579	3.696
52	12156	12157	NS	1	0.0	42.055	3.878	0.0	56.602	5.295	0.0	41.231	4.088	0.0	47.414	5.554	0.0	43.345	3.858	0.0	55.383	4.568	0.0	44.414	3.818	0.0	48.131	4.689
53	12156	12157	NS	1	0.0	40.663	1.152	0.0	48.732	1.683	0.0	40.299	1.254	0.0	41.101	1.926	0.0	40.3	1.111	0.0	49.459	1.448	0.0	41.049	1.149	0.0	37.22	1.551
54	12156	12157	SN	1	0.0	44.708	0.986	0.0	44.933	1.241	0.0	40.915	1.021	0.0	43.347	1.229	0.0	46.121	1.006	0.0	46.226	1.22	0.0	39.793	1.001	0.0	38.434	1.181
55	12157	12158	NS	1	0.0	40.171	1.036	0.0	48.454	1.645	0.0	39.722	1.336	0.0	45.129	2.085	0.0	39.638	1.041	0.0	48.417	1.487	0.0	35.285	1.202	0.0	40.963	1.62
56	12157	12158	NS	1	0.0	49.369	3.522	0.0	54.679	4.873	0.0	44.552	3.924	0.0	44.732	5.824	0.0	51.174	3.421	0.0	54.507	4.367	0.0	42.086	3.598	0.0	40.346	5.123
57	12157	12158	NS	1	0.0	39.397	1.043	0.0	48.454	1.649	0.0	39.722	1.347	0.0	45.129	2.061	0.0	39.245	1.032	0.0	48.417	1.489	0.0	35.446	1.2	0.0	40.963	1.592
58	12157	12158	SN	1	0.0	49.612	7.904	0.0	51.837	8.545	0.0	49.51	6.597	0.0	42.335	7.451	0.0	50.143	8.005	0.0	51.98	8.413	0.0	48.043	6.818	0.0	42.485	7.544
59	12157	12158	SN	1	0.0	50.417	1.762	0.0	41.455	2.352	0.0	46.862	1.99	0.0	39.249	2.455	0.0	51.048	1.814	0.0	43.516	2.42	0.0	46.781	1.997	0.0	41.278	2.437
60	12157	12158	NS	1	0.0	49.369	3.543	0.0	54.679	4.842	0.0	40.08	3.974	0.0	44.732	5.746	0.0	51.174	3.462	0.0	54.507	4.347	0.0	38.741	3.612	0.0	40.346	5.073
61	12158	12159	NS	1	0.0	52.51	3.582	0.0	45.852	5.989	0.0	52.873	3.993	0.0	40.917	5.244	0.0	54.056	3.46	0.0	48.77	5.622	0.0	53.54	4.099	0.0	40.499	5.022
62	12158	12159	SN	1	0.0	47.768	4.06	0.0	50.276	4.309	0.0	46.084	3.206	0.0	43.913	3.76	0.0	46.547	4.181	0.0	51.032	3.914	0.0	45.17	2.915	0.0	44.018	3.261
63	12158	12159	NS	1	0.0	52.572	3.561	0.0	45.751	5.976	0.0	52.873	3.955	0.0	40.917	5.328	0.0	54.056	3.52	0.0	48.77	5.646	0.0	53.54	4.112	0.0	40.499	5.083
64	12158	12159	SN	1	0.0	52.669	0.852	0.0	49.41	1.093	0.0	41.057	0.891	0.0	47.115	1.067	0.0	52.511	0.843	0.0	47.799	0.973	0.0	39.319	0.806	0.0	50.232	0.869
65	12158	12159	NS	1	0.0	38.157	1.088	0.0	44.464	1.659	0.0	37.922	1.304	0.0	38.791	1.934	0.0	36.979	1.131	0.0	42.672	1.547	0.0	38.921	1.32	0.0	36.013	1.749
66	12158	12159	NS	1	0.0	38.157	1.104	0.0	41.542	1.651	0.0	37.922	1.299	0.0	38.791	1.939	0.0	36.979	1.126	0.0	42.672	1.531	0.0	38.921	1.302	0.0	36.013	1.764
67	12159	12160	SN	1	0.0	46.463	3.326	0.0	43.188	4.552	0.0	46.736	2.901	0.0	44.332	4.318	0.0	46.242	3.397	0.0	42.982	4.329	0.0	45.872	2.781	0.0	43.353	3.904

Parameter Specifications	Parameters	SNR	Sigma0
	Range	20.0	20.0

Normal
Deviations
Alarming
High Errors

68	12159	12160	NS	1	0.0	44.459	2.681	0.0	46.701	3.873	0.0	47.374	3.297	0.0	38.276	4.424	0.0	45.534	2.661	0.0	47.459	3.487	0.0	46.241	3.333	0.0	36.733	3.826
69	12159	12160	SN	1	0.0	47.747	3.346	0.0	43.246	4.542	0.0	46.736	2.909	0.0	45.593	4.318	0.0	47.027	3.417	0.0	43.671	4.299	0.0	45.872	2.781	0.0	43.77	3.926
70	12159	12160	SN	1	0.0	40.675	0.762	0.0	42.649	1.15	0.0	36.121	0.796	0.0	45.415	1.301	0.0	41.966	0.742	0.0	44.728	1.019	0.0	35.941	0.689	0.0	46.226	1.157
71	12159	12160	NS	1	0.0	36.064	0.841	0.0	42.179	0.985	0.0	39.233	1.133	0.0	50.81	1.519	0.0	36.02	0.859	0.0	40.411	0.868	0.0	39.248	1.069	0.0	52.724	1.267
72	12159	12160	SN	1	0.0	44.015	0.758	0.0	48.164	1.141	0.0	34.767	0.794	0.0	37.105	1.298	0.0	42.079	0.735	0.0	50.164	1.016	0.0	35.845	0.689	0.0	37.614	1.151
73	12159	12160	NS	1	0.0	36.064	0.838	0.0	42.179	0.983	0.0	39.233	1.127	0.0	50.81	1.515	0.0	36.02	0.854	0.0	40.411	0.866	0.0	39.248	1.064	0.0	52.724	1.267
74	12159	12160	NS	1	0.0	43.888	2.671	0.0	46.701	3.853	0.0	47.419	3.291	0.0	38.276	4.402	0.0	44.961	2.651	0.0	47.459	3.468	0.0	46.281	3.327	0.0	36.733	3.806
75	12160	12161	SN	1	0.0	46.996	7.335	0.0	47.023	8.527	0.0	39.278	6.33	0.0	43.482	7.216	0.0	47.856	7.597	0.0	47.406	8.618	0.0	39.578	6.778	0.0	39.18	7.595
76	12160	12161	NS	1	0.0	54.222	3.641	0.0	46.568	4.891	0.0	45.66	3.709	0.0	49.496	5.15	0.0	54.735	3.641	0.0	47.341	4.608	0.0	43.736	3.688	0.0	44.731	4.668
77	12160	12161	SN	1	0.0	47.162	7.224	0.0	50.74	8.527	0.0	44.953	6.379	0.0	43.71	7.209	0.0	48.99	7.506	0.0	51.147	8.638	0.0	43.049	6.728	0.0	39.539	7.652
78	12160	12161	SN	1	0.0	42.603	1.873	0.0	42.105	2.389	0.0	34.937	1.962	0.0	42.315	2.463	0.0	43.497	1.92	0.0	43.529	2.373	0.0	37.617	1.957	0.0	42.977	2.547
79	12160	12161	NS	1	0.0	46.387	3.861	0.309	46.568	5.267	0.0	44.1	3.775	0.0	49.496	5.538	0.0	47.04	3.872	0.138	47.341	4.952	0.0	42.901	3.79	0.0	44.731	5.05
80	12160	12161	NS	1	0.0	54.222	3.641	0.0	46.568	4.891	0.0	45.66	3.709	0.0	49.496	5.15	0.0	54.735	3.641	0.0	47.341	4.608	0.0	43.736	3.688	0.0	44.731	4.668
81	12160	12161	NS	1	0.0	43.446	1.031	0.0	50.511	1.67	0.0	40.112	1.176	0.0	38.633	1.853	0.0	44.396	1.029	0.0	48.915	1.508	0.0	39.092	1.155	0.0	41.552	1.517
82	12160	12161	SN	1	0.0	40.361	1.859	0.0	42.914	2.389	0.0	39.424	1.976	0.0	48.368	2.481	0.0	39.754	1.916	0.0	43.807	2.378	0.0	38.46	1.973	0.0	49.032	2.599
83	12160	12161	NS	1	0.0	43.446	0.971	0.0	50.511	1.559	0.0	40.112	1.118	0.0	37.934	1.736	0.0	44.396	0.971	0.0	48.915	1.406	0.0	39.092	1.12	0.0	41.552	1.418
84	12160	12161	NS	1	0.0	43.446	0.971	0.0	50.511	1.559	0.0	40.112	1.118	0.0	37.934	1.736	0.0	44.396	0.971	0.0	48.915	1.406	0.0	39.092	1.12	0.0	41.552	1.418
85	12161	12162	NS	1	0.0	47.125	3.785	0.0	54.102	4.81	0.0	46.58	3.705	0.0	50.491	5.134	0.0	47.687	3.866	0.0	55.677	4.442	0.0	43.955	3.511	0.0	50.239	4.48
86	12161	12162	SN	1	0.0	54.27	5.926	0.0	50.29	7.932	0.0	43.738	6.627	0.0	40.401	8.39	0.0	54.408	6.047	0.0	51.346	8.032	0.0	42.427	6.954	0.0	39.169	8.374
87	12161	12162	SN	1	0.0	38.772	1.66	0.0	41.596	2.35	0.0	36.282	2.039	0.0	39.045	2.748	0.0	38.405	1.64	0.0	41.267	2.278	0.0	37.243	2.041	0.0	38.175	2.635
88	12161	12162	SN	1	0.0	38.772	1.519	0.0	41.596	2.155	0.0	36.282	1.848	0.0	39.045	2.51	0.0	38.405	1.504	0.0	41.267	2.087	0.0	37.243	1.862	0.0	38.175	2.409
89	12161	12162	SN	1	0.0	38.772	1.519	0.0	41.596	2.155	0.0	36.282	1.848	0.0	39.045	2.51	0.0	38.405	1.504	0.0	41.267	2.087	0.0	37.243	1.862	0.0	38.175	2.409
90	12161	12162	NS	1	0.0	46.88	1.114	0.0	46.299	1.505	0.0	38.004	1.106	0.0	40.058	1.635	0.0	48.909	1.122	0.0	42.764	1.392	0.0	40.895	1.053	0.0	40.151	1.418
91	12161	12162	NS	1	0.0	47.125	3.362	0.0	54.102	4.284	0.0	46.58	3.414	0.0	50.491	4.59	0.0	47.687	3.453	0.0	55.677	3.961	0.0	43.955	3.215	0.0	50.239	3.995
92	12161	12162	NS	1	0.0	47.219	3.392	0.0	54.051	4.254	0.0	46.58	3.392	0.0	50.513	4.555	0.0	47.783	3.443	0.0	55.627	3.93	0.0	43.955	3.194	0.0	50.262	3.96
93	12161	12162	NS	1	0.0	45.004	0.963	0.0	46.299	1.311	0.0	38.004	1.023	0.0	40.058	1.436	0.0	47.032	0.976	0.0	42.764	1.214	0.0	40.895	0.96	0.0	40.151	1.248
94	12161	12162	NS	1	0.0	43.873	0.958	0.0	44.507	1.3	0.0	38.004	1.013	0.0	43.816	1.436	0.0	45.903	0.972	0.0	42.112	1.203	0.0	40.895	0.942	0.0	44.442	1.252
95	12161	12162	SN	1	0.0	54.27	5.419	0.0	50.29	7.291	0.0	43.738	6.115	0.0	40.401	7.679	0.0	54.408	5.53	0.0	51.346	7.362	0.0	42.427	6.399	0.0	39.169	7.636
96	12161	12162	SN	1	0.0	54.27	5.419	0.0	50.29	7.291	0.0	43.738	6.115	0.0	40.401	7.679	0.0	54.408	5.53	0.0	51.346	7.362	0.0	42.427	6.399	0.0	39.169	7.636
97	12162	12163	NS	1	0.0	48.529	1.415	0.0	56.944	1.708	0.0	52.881	1.324	0.0	49.601	1.678	0.0	49.084	1.413	0.0	54.404	1.467	0.0	49.917	1.274	0.0	48.435	1.263
98	12162	12163	NS	1	0.0	58.181	4.473	0.0	53.303	6.237	0.0	45.74	4.761	0.0	49.125	5.591	0.0	58.847	4.544	0.0	51.292	5.58	0.0	45.969	4.597	0.0	47.872	4.747
99	12162	12163	NS	1	0.0	44.281	1.369	0.0	50.536	1.685	0.0	45.876	1.353	0.0	48.265	1.639	0.0	43.66	1.364	0.0	49.377	1.511	0.0	44.336	1.298	0.0	44.121	1.301
100	12162	12163	NS	1	0.0	48.718	4.607	0.0	57.264	6.012	0.0	50.717	4.592	0.0	49.294	5.362	0.0	48.32	4.485	0.0	61.128	5.466	0.0	49.687	4.357	0.0	44.124	4.484
101	12162	12163	SN	1	0.0	42.413	0.626	0.0	47.954	0.775	0.0	38.789	0.8	0.0	39.348	0.804	0.0	43.862	0.633	0.0	46.717	0.659	0.0	38.728	0.724	0.0	37.088	0.671
102	12162	12163	SN	1	0.0	42.413	0.655	0.0	47.954	0.809	0.0	38.789	0.837	0.0	39.348	0.844	0.0	43.862	0.664	0.0	46.717	0.689	0.0	38.728	0.757	0.0	37.088	0.704
103	12162	12163	SN	1	0.0	46.812	2.962	0.0	42.239	2.955	0.0	41.873	2.741	0.0	38.067	2.821	0.0	47.616	2.952	0.0	43.134	2.827	0.0	43.235	2.629	0.0	37.551	2.176

Parameter Specifications	Parameters	SNR	Sigma0
	Range	20.0	20.0

Normal
Deviations
Alarming
High Errors

104	12162	12163	SN	1	0.0	42.411	0.628	0.0	47.954	0.78	0.0	38.667	0.793	0.0	38.899	0.813	0.0	43.861	0.633	0.0	46.717	0.65	0.0	38.602	0.72	0.0	37.3	0.676
105	12162	12163	SN	1	0.0	46.812	2.823	0.0	42.239	2.843	0.0	41.916	2.603	0.0	38.067	2.704	0.0	47.616	2.812	0.0	43.134	2.702	0.0	43.235	2.504	0.0	37.551	2.062
106	12162	12163	SN	1	0.0	47.102	2.833	0.0	42.609	2.843	0.0	42.091	2.603	0.0	38.067	2.719	0.0	47.906	2.793	0.0	43.505	2.702	0.0	43.252	2.482	0.0	37.665	2.062
107	12163	12164	SN	1	0.0	51.86	4.407	0.0	52.047	5.826	0.0	48.514	4.382	0.0	48.132	5.002	0.0	52.439	4.508	0.0	52.253	5.674	0.0	46.5	4.425	0.0	48.312	4.538
108	12163	12164	NS	1	0.0	49.708	3.876	0.0	46.639	4.437	0.0	43.492	3.703	0.0	46.77	5.123	0.0	50.205	3.826	0.0	46.899	4.094	0.0	42.629	3.625	0.0	48.22	4.499
109	12163	12164	SN	1	0.0	51.86	4.469	0.0	52.047	5.911	0.0	48.514	4.443	0.0	48.132	5.052	0.0	52.439	4.571	0.0	52.253	5.747	0.0	46.5	4.472	0.0	48.312	4.597
110	12163	12164	NS	1	0.0	50.579	3.896	0.0	50.59	4.417	0.0	44.077	3.597	0.0	46.119	5.173	0.0	51.074	3.826	0.0	50.849	4.094	0.0	42.932	3.562	0.0	47.572	4.514
111	12163	12164	SN	1	0.0	51.86	4.407	0.0	52.047	5.826	0.0	48.514	4.382	0.0	48.132	5.002	0.0	52.439	4.508	0.0	52.253	5.674	0.0	46.5	4.425	0.0	48.312	4.538
112	12163	12164	SN	1	0.0	45.12	1.238	0.0	52.864	1.652	0.0	43.913	1.196	0.0	38.613	1.554	0.0	43.67	1.268	0.0	53.409	1.543	0.0	44.301	1.141	0.0	36.751	1.445
113	12163	12164	NS	1	0.0	43.413	1.205	0.0	52.91	1.498	0.0	42.026	1.131	0.0	41.319	1.608	0.0	42.482	1.194	0.0	53.842	1.399	0.0	45.882	1.069	0.0	42.147	1.288
114	12163	12164	SN	1	0.0	45.12	1.238	0.0	52.864	1.655	0.0	43.913	1.196	0.0	38.613	1.554	0.0	43.67	1.268	0.0	53.409	1.546	0.0	44.301	1.141	0.0	36.751	1.445
115	12163	12164	SN	1	0.0	45.12	1.256	0.0	52.864	1.671	0.0	43.913	1.211	0.0	38.613	1.574	0.0	43.67	1.286	0.0	53.409	1.561	0.0	44.301	1.15	0.0	36.751	1.466
116	12163	12164	NS	1	0.0	43.177	1.21	0.0	45.647	1.507	0.0	38.825	1.15	0.0	41.053	1.581	0.0	41.702	1.201	0.0	45.149	1.408	0.0	38.395	1.065	0.0	41.057	1.238
117	12164	12165	NS	1	0.0	48.136	4.381	0.0	48.944	5.602	0.0	40.521	4.489	0.0	41.647	5.706	0.0	48.008	4.35	0.0	47.386	5.581	0.0	42.384	4.461	0.0	38.845	5.316
118	12164	12165	NS	1	0.0	43.225	1.468	0.0	52.08	1.964	0.0	38.55	1.46	0.0	40.499	1.87	0.0	44.209	1.438	0.0	51.571	1.902	0.0	36.449	1.464	0.0	35.941	1.775
119	12164	12165	SN	1	0.0	44.849	1.327	0.0	44.147	1.829	0.0	38.393	1.48	0.0	39.181	2.072	0.0	44.335	1.332	0.0	42.108	1.693	0.0	38.436	1.426	0.0	36.238	1.935
120	12164	12165	SN	1	0.0	44.849	1.312	0.0	44.147	1.81	0.0	38.393	1.464	0.0	39.181	2.054	0.0	44.335	1.317	0.0	42.108	1.676	0.0	38.436	1.41	0.0	36.238	1.919
121	12164	12165	SN	1	0.0	45.886	4.836	0.0	44.615	6.35	0.0	47.298	4.644	0.0	43.96	5.801	0.0	45.639	4.877	0.0	45.67	6.189	0.0	47.257	4.665	0.0	44.49	5.516
122	12164	12165	NS	1	0.0	43.191	4.601	0.0	47.134	6.175	0.0	46.579	4.768	0.0	45.93	5.539	0.0	43.061	4.692	0.0	48.912	5.933	0.0	44.988	4.72	0.0	49.516	5.693
123	12164	12165	SN	1	0.0	45.886	4.89	0.0	44.615	6.415	0.0	47.298	4.699	0.0	43.96	5.847	0.0	45.639	4.931	0.0	45.67	6.252	0.0	47.257	4.72	0.0	44.49	5.566
124	12164	12165	SN	1	0.0	45.886	4.911	0.0	44.965	6.344	0.0	45.234	4.663	0.0	43.96	5.854	0.0	45.639	4.931	0.0	45.655	6.231	0.0	46.453	4.692	0.0	44.49	5.594
125	12164	12165	NS	1	0.0	46.13	1.292	0.0	39.927	1.776	0.0	41.761	1.265	0.0	49.023	1.881	0.0	47.526	1.346	0.0	37.971	1.751	0.0	41.722	1.287	0.0	48.988	1.653
126	12164	12165	SN	1	0.0	44.849	1.339	0.0	44.634	1.819	0.0	38.616	1.491	0.0	39.181	2.055	0.0	44.336	1.357	0.0	42.597	1.673	0.0	38.314	1.432	0.0	36.297	1.938
127	12165	12166	SN	1	0.0	37.663	0.721	0.0	47.233	1.285	0.0	39.06	1.064	0.0	37.793	1.636	0.0	37.936	0.705	0.0	47.585	1.187	0.0	37.572	1.025	0.0	35.433	1.451
128	12165	12166	SN	1	0.0	42.87	2.596	0.0	38.451	3.853	0.0	39.203	3.068	0.0	39.414	4.166	0.0	43.573	2.606	0.0	38.58	3.75	0.0	39.788	3.054	0.0	39.376	3.999
129	12165	12166	SN	1	0.0	42.87	2.552	0.0	38.451	3.785	0.0	39.203	3.015	0.0	39.414	4.084	0.0	43.573	2.562	0.0	38.58	3.684	0.0	39.788	2.979	0.0	39.376	3.891
130	12165	12166	SN	1	0.0	42.87	2.552	0.0	39.028	3.765	0.0	39.203	3.115	0.0	46.528	4.069	0.0	43.573	2.572	0.0	41.002	3.664	0.0	39.788	3.029	0.0	41.507	3.877
131	12165	12166	SN	1	0.0	37.663	0.71	0.0	47.233	1.285	0.0	39.06	1.067	0.0	37.793	1.622	0.0	37.936	0.685	0.0	47.585	1.201	0.0	37.572	1.037	0.0	35.433	1.436
132	12165	12166	NS	1	0.0	43.471	1.55	0.0	47.663	2.313	0.0	42.815	1.526	0.0	42.069	2.306	0.0	43.819	1.532	0.0	45.972	2.216	0.0	40.102	1.488	0.0	41.872	2.173
133	12165	12166	NS	1	0.0	48.944	4.756	0.0	48.206	7.677	0.0	47.578	4.902	0.0	44.982	6.82	0.0	49.643	4.837	0.0	48.765	7.545	0.0	48.705	4.973	0.0	45.663	6.515
134	12165	12166	SN	1	0.0	37.663	0.734	0.0	47.233	1.306	0.0	39.06	1.077	0.0	37.793	1.624	0.0	37.936	0.718	0.0	47.585	1.207	0.0	37.572	1.047	0.0	37.756	1.446
135	12166	12167	SN	1	0.0	53.135	0.715	0.0	45.899	0.917	0.0	37.055	0.904	0.0	40.1	1.363	0.0	52.397	0.701	0.0	45.301	0.837	0.0	36.557	0.854	0.0	36.593	1.169
136	12166	12167	SN	1	0.0	40.214	2.781	0.0	51.959	3.358	0.0	38.251	2.816	0.0	43.124	3.883	0.0	40.382	2.801	0.0	50.056	3.216	0.0	38.028	2.759	0.0	41.28	3.298
137	12166	12167	SN	1	0.0	40.293	2.801	0.0	51.958	3.328	0.0	37.942	2.937	0.0	41.828	3.826	0.0	40.753	2.831	0.0	50.056	3.196	0.0	37.719	2.859	0.0	37.444	3.227
138	12166	12167	SN	1	0.0	53.135	0.715	0.0	45.896	0.95	0.0	37.054	0.921	0.0	37.69	1.407	0.0	52.396	0.708	0.0	45.299	0.871	0.0	36.557	0.867	0.0	36.133	1.196
139	12166	12167	NS	1	0.0	41.173	0.662	0.0	43.208	0.911	0.0	42.219	0.78	0.0	43.765	0.92	0.0	40.147	0.698	0.0	43.626	0.812	0.0	40.057	0.72	0.0	44.802	0.809

Parameter Specifications	Parameters	SNR	Sigma0
	Range	20.0	20.0

Normal
Deviations
Alarming
High Errors

140	12166	12167	NS	1	0.0	48.124	2.651	0.0	44.626	3.354	0.0	44.784	2.469	0.0	47.932	3.307	0.0	48.631	2.702	0.0	43.603	3.091	0.0	42.06	2.483	0.0	46.149	2.911
141	12166	12167	SN	1	0.0	53.135	0.694	0.0	45.896	0.924	0.0	37.054	0.898	0.0	37.69	1.372	0.0	52.396	0.688	0.0	45.299	0.846	0.0	36.557	0.84	0.0	36.133	1.169
142	12166	12167	SN	1	0.0	40.214	2.861	0.0	51.959	3.454	0.0	38.251	2.898	0.0	43.124	3.974	0.0	40.382	2.892	0.0	50.056	3.308	0.0	38.028	2.832	0.0	41.28	3.372
143	12166	12167	NS	1	0.0	43.29	0.656	0.0	44.148	0.842	0.0	41.388	0.777	0.0	43.138	0.904	0.0	44.427	0.669	0.0	44.16	0.772	0.0	41.408	0.749	0.0	42.301	0.803
144	12166	12167	NS	1	0.0	47.985	2.69	0.0	48.304	3.445	0.0	48.692	2.617	0.0	41.817	3.244	0.0	48.631	2.721	0.0	47.516	3.254	0.0	46.561	2.525	0.0	41.058	3.067
145	12167	12168	SN	1	0.0	54.445	5.674	0.0	46.849	6.296	0.0	38.991	5.412	0.0	42.482	6.163	0.0	56.405	5.832	0.0	48.038	6.159	0.0	38.216	5.479	0.0	41.786	6.081
146	12167	12168	SN	1	0.0	48.525	1.456	0.0	48.065	1.82	0.0	42.498	1.63	0.0	36.975	2.201	0.0	49.378	1.461	0.0	47.15	1.718	0.0	42.07	1.639	0.0	36.178	2.013
147	12167	12168	NS	1	0.0	45.418	6.125	0.0	44.366	6.073	0.0	44.165	4.705	0.0	43.596	6.51	0.0	44.948	6.297	0.0	45.464	5.8	0.0	45.582	4.79	0.0	41.118	6.106
148	12167	12168	NS	1	0.0	43.033	5.9	0.0	45.688	6.186	0.0	44.339	4.945	0.0	43.127	6.504	0.0	42.477	6.031	0.0	45.069	5.822	0.0	45.105	5.158	0.0	41.073	5.959
149	12167	12168	SN	1	0.0	54.445	5.43	0.0	46.849	6.036	0.0	47.617	5.176	0.0	42.482	5.979	0.0	56.405	5.581	0.0	48.038	5.904	0.0	45.851	5.232	0.0	41.786	5.858
150	12167	12168	SN	1	0.0	54.445	5.43	0.0	46.849	6.036	0.0	47.617	5.176	0.0	42.482	5.979	0.0	56.405	5.581	0.0	48.038	5.904	0.0	45.851	5.232	0.0	41.786	5.858
151	12167	12168	NS	1	0.0	48.662	1.584	0.0	45.146	1.843	0.0	37.606	1.488	0.0	38.324	2.136	0.0	47.844	1.631	0.0	47.149	1.731	0.0	36.289	1.414	0.0	38.251	1.853
152	12167	12168	NS	1	0.0	46.721	1.565	0.0	44.17	1.818	0.0	41.272	1.517	0.0	37.096	2.118	0.0	47.263	1.569	0.0	42.9	1.743	0.0	41.987	1.507	0.0	37.737	1.881
153	12167	12168	SN	1	0.0	48.525	1.393	0.0	48.065	1.746	0.0	42.498	1.559	0.0	36.975	2.125	0.0	49.378	1.395	0.0	47.15	1.649	0.0	42.07	1.562	0.0	36.178	1.942
154	12167	12168	SN	1	0.0	48.525	1.393	0.0	48.065	1.746	0.0	42.498	1.559	0.0	36.975	2.125	0.0	49.378	1.395	0.0	47.15	1.649	0.0	42.07	1.562	0.0	36.178	1.942
155	12168	12169	SN	1	0.0	47.717	1.115	0.0	41.545	1.451	0.0	39.49	1.032	0.0	41.0	1.488	0.0	47.626	1.165	0.0	40.524	1.404	0.0	40.219	1.005	0.0	38.779	1.286
156	12168	12169	NS	1	0.0	43.76	5.923	0.0	51.227	8.256	0.0	43.061	6.387	0.0	43.407	8.337	0.0	45.571	5.943	0.0	53.41	7.7	0.0	43.152	6.579	0.0	45.382	7.905
157	12168	12169	NS	1	0.0	48.211	5.96	0.0	50.571	8.238	0.0	43.437	6.336	0.0	47.279	8.353	0.0	49.726	6.082	0.0	49.868	7.874	0.0	44.857	6.527	0.0	45.904	8.084
158	12168	12169	SN	1	0.0	47.829	1.101	0.0	41.546	1.458	0.0	39.455	1.057	0.0	44.95	1.511	0.0	47.956	1.135	0.0	40.513	1.415	0.0	40.272	1.021	0.0	45.369	1.293
159	12168	12169	SN	1	0.0	46.36	5.08	0.0	52.411	5.753	0.0	46.224	4.106	0.0	45.072	5.223	0.0	47.134	5.069	0.0	51.274	5.559	0.0	45.45	4.015	0.0	47.922	4.895
160	12168	12169	NS	1	0.0	49.963	1.743	0.0	48.375	2.672	0.0	42.213	1.983	0.0	42.151	2.833	0.0	50.257	1.752	0.0	46.959	2.487	0.0	39.702	2.004	0.0	43.218	2.626
161	12168	12169	NS	1	0.0	45.007	1.787	0.0	47.185	2.694	0.0	41.709	2.028	0.0	41.234	2.712	0.0	46.001	1.814	0.0	46.836	2.573	0.0	41.337	1.952	0.0	38.911	2.477
162	12168	12169	SN	1	0.0	46.376	4.815	0.0	52.712	5.46	0.0	46.597	3.819	0.0	46.017	4.995	0.0	47.582	4.805	0.0	52.601	5.197	0.0	45.823	3.719	0.0	47.636	4.666
163	12168	12169	SN	1	0.0	46.36	4.785	0.0	52.411	5.501	0.0	46.224	3.833	0.0	45.072	4.995	0.0	47.134	4.775	0.0	51.274	5.298	0.0	45.45	3.712	0.0	47.922	4.652
164	12168	12169	SN	1	0.0	47.829	1.175	0.0	41.546	1.533	0.0	39.455	1.126	0.0	37.208	1.555	0.0	47.956	1.211	0.0	40.513	1.495	0.0	40.272	1.082	0.0	38.808	1.329
165	12169	12170	SN	1	0.0	46.811	1.804	0.0	51.544	1.983	0.0	41.805	1.237	0.0	46.011	1.609	0.0	45.959	1.774	0.0	48.55	1.837	0.0	41.955	1.173	0.0	44.223	1.392
166	12169	12170	SN	1	0.0	46.811	1.804	0.0	51.544	1.983	0.0	41.805	1.237	0.0	46.011	1.609	0.0	45.959	1.774	0.0	48.55	1.837	0.0	41.955	1.173	0.0	44.223	1.392
167	12169	12170	SN	1	0.0	53.467	6.924	0.0	56.332	7.611	0.0	46.992	5.639	0.0	50.011	6.161	0.0	54.124	7.111	0.0	56.832	7.19	0.0	48.15	5.522	0.0	49.323	5.582
168	12169	12170	SN	1	0.0	46.811	1.97	0.0	51.544	2.128	0.0	41.805	1.338	0.0	46.011	1.72	0.0	45.959	1.941	0.0	48.55	1.971	0.0	41.955	1.274	0.0	44.223	1.499
169	12169	12170	NS	1	0.0	41.311	0.705	0.0	42.581	1.201	0.0	43.994	0.904	0.0	46.231	1.463	0.0	42.731	0.685	0.0	41.751	1.016	0.0	43.73	0.809	0.0	45.603	1.019
170	12169	12170	NS	1	0.0	41.043	0.705	0.0	46.987	1.205	0.0	44.34	0.899	0.0	37.959	1.496	0.0	42.464	0.69	0.0	48.215	1.041	0.0	44.157	0.821	0.0	35.646	1.019
171	12169	12170	SN	1	0.0	53.467	6.394	0.0	56.332	7.209	0.0	46.992	5.168	0.0	50.011	5.823	0.0	54.124	6.565	0.0	56.832	6.795	0.0	48.15	5.061	0.0	49.323	5.238
172	12169	12170	SN	1	0.0	53.467	6.394	0.0	56.332	7.209	0.0	46.992	5.168	0.0	50.011	5.823	0.0	54.124	6.565	0.0	56.832	6.795	0.0	48.15	5.061	0.0	49.323	5.238
173	12169	12170	NS	1	0.0	43.321	2.722	0.0	50.638	4.346	0.0	45.92	3.15	0.0	51.065	4.166	0.0	43.036	2.691	0.0	50.812	3.871	0.0	44.862	2.788	0.0	48.721	3.302
174	12169	12170	NS	1	0.0	43.321	2.681	0.0	50.424	4.376	0.0	43.605	3.008	0.0	42.965	4.173	0.0	43.036	2.651	0.0	50.609	3.841	0.0	44.091	2.774	0.0	42.812	3.344
175	12170	12171	SN	1	0.0	54.396	4.068	0.0	47.095	4.659	0.0	46.722	3.59	0.0	48.822	3.583	0.0	54.541	4.079	0.0	47.0	4.385	0.0	47.36	3.377	0.0	46.503	3.031

Parameter Specifications	Parameters	SNR	Sigma0
	Range	20.0	20.0

Normal
Alarming
Deviations
High Errors

176	12170	12171	NS	1	0.0	44.339	1.116	0.0	47.337	1.555	0.0	42.221	0.979	0.0	39.925	1.706	0.0	45.147	1.084	0.0	47.951	1.392	0.0	41.882	0.917	0.0	39.633	1.296
177	12170	12171	NS	1	0.0	50.836	1.028	0.0	43.523	1.583	0.0	42.168	0.998	0.0	45.064	1.678	0.0	52.491	1.009	0.0	43.856	1.382	0.0	44.243	0.934	0.0	42.298	1.332
178	12170	12171	NS	1	0.0	48.316	3.715	0.0	51.688	5.167	0.0	45.111	3.405	0.0	46.77	5.033	0.0	48.969	3.644	0.0	53.706	4.571	0.0	45.247	3.305	0.0	49.359	4.288
179	12170	12171	SN	1	0.0	43.483	1.004	0.0	44.903	1.143	0.0	45.474	0.84	0.0	40.683	1.011	0.0	43.676	0.974	0.0	42.228	1.066	0.0	44.605	0.801	0.0	41.929	0.845
180	12170	12171	SN	1	0.0	43.483	1.013	0.0	44.905	1.139	0.0	45.723	0.852	0.0	41.356	1.014	0.0	43.676	0.979	0.0	42.228	1.059	0.0	44.854	0.806	0.0	41.851	0.836
181	12170	12171	NS	1	0.0	49.549	3.717	0.0	48.464	5.064	0.0	43.147	3.272	0.0	49.325	5.165	0.0	50.943	3.676	0.0	49.09	4.609	0.0	44.985	3.151	0.0	49.478	4.258
182	12170	12171	SN	1	0.0	54.478	4.079	0.0	47.095	4.659	0.0	46.727	3.576	0.0	49.926	3.583	0.0	54.624	4.109	0.0	47.045	4.385	0.0	47.359	3.377	0.0	46.626	3.038
183	12171	12172	NS	1	0.0	48.509	4.616	0.0	53.905	6.051	0.0	47.094	4.518	0.0	50.118	6.06	0.0	50.292	4.636	0.0	55.266	5.656	0.0	46.886	4.284	0.0	47.443	5.231
184	12171	12172	NS	1	0.0	39.566	1.278	0.0	49.224	1.777	0.0	38.725	1.425	0.0	42.638	1.89	0.0	40.822	1.314	0.0	52.266	1.665	0.0	37.563	1.324	0.0	40.117	1.541
185	12171	12172	SN	1	0.0	38.78	1.292	0.0	41.067	1.737	0.0	38.4	1.337	0.0	37.83	1.793	0.0	38.656	1.267	0.0	42.152	1.632	0.0	39.465	1.336	0.0	39.227	1.627
186	12171	12172	NS	1	0.0	48.673	4.585	0.0	51.387	6.061	0.0	49.852	4.468	0.0	46.458	6.231	0.0	50.454	4.555	0.0	50.448	5.606	0.0	47.509	4.312	0.0	42.29	5.33
187	12171	12172	SN	1	0.0	49.164	5.695	0.0	41.517	6.529	0.0	46.159	4.552	0.0	45.041	5.635	0.0	50.053	5.655	0.0	43.688	6.244	0.0	46.102	4.523	0.0	41.071	5.212
188	12171	12172	NS	1	0.0	36.696	1.301	0.0	51.11	1.798	0.0	43.223	1.382	0.0	41.18	1.947	0.0	36.293	1.314	0.0	53.947	1.635	0.0	40.232	1.281	0.0	39.243	1.598
189	12171	12172	SN	1	0.0	50.957	5.694	0.0	44.399	6.327	0.0	43.887	4.608	0.0	50.138	5.547	0.0	51.844	5.876	0.0	43.392	6.114	0.0	44.33	4.488	0.0	45.545	5.368
190	12171	12172	SN	1	0.0	41.709	1.304	0.0	46.336	1.733	0.0	40.169	1.337	0.0	40.963	1.833	0.0	40.997	1.315	0.0	45.958	1.651	0.0	41.233	1.339	0.0	40.054	1.686
191	12172	12173	NS	1	0.0	54.109	3.712	0.0	50.779	5.244	0.0	41.822	4.065	0.0	42.812	5.703	0.0	53.548	3.621	0.0	52.757	5.011	0.0	42.654	4.015	0.0	40.168	5.312
192	12172	12173	NS	1	0.0	54.109	3.712	0.0	50.779	5.244	0.0	41.822	4.065	0.0	42.812	5.703	0.0	53.548	3.621	0.0	52.757	5.011	0.0	42.654	4.029	0.0	40.168	5.312
193	12172	12173	SN	1	0.0	40.462	1.47	0.0	48.256	2.083	0.0	39.21	1.409	0.0	38.943	2.022	0.0	41.388	1.495	0.0	49.47	1.998	0.0	39.016	1.379	0.0	36.751	1.81
194	12172	12173	SN	1	0.0	48.99	6.032	0.0	53.413	7.191	0.0	45.991	4.988	0.0	50.134	6.674	0.0	48.728	6.062	0.0	51.638	7.059	0.0	44.079	4.902	0.0	46.471	6.038
195	12172	12173	SN	1	0.0	49.99	6.012	0.0	53.413	7.231	0.0	43.986	5.101	0.0	47.32	6.631	0.0	49.726	6.042	0.0	51.638	7.069	0.0	41.955	4.973	0.0	45.828	6.074
196	12172	12173	SN	1	0.0	40.593	1.486	0.0	49.297	2.055	0.0	39.198	1.439	0.0	41.783	1.999	0.0	41.215	1.502	0.0	49.572	1.994	0.0	41.162	1.404	0.0	40.986	1.79
197	12172	12173	NS	1	0.0	42.167	1.16	0.0	46.062	1.601	0.0	39.648	1.255	0.0	38.854	1.868	0.0	42.27	1.16	0.0	42.943	1.54	0.0	40.725	1.21	0.0	39.245	1.674
198	12172	12173	NS	1	0.0	42.167	1.16	0.0	46.062	1.597	0.0	39.648	1.26	0.0	38.854	1.868	0.0	42.27	1.162	0.0	42.943	1.535	0.0	40.725	1.214	0.0	39.245	1.674
199	12172	12173	NS	1	0.0	54.109	3.712	0.0	50.779	5.244	0.0	41.822	4.065	0.0	42.812	5.703	0.0	53.548	3.621	0.0	52.757	5.011	0.0	42.654	4.029	0.0	40.168	5.312
200	12172	12173	NS	1	0.0	42.167	1.16	0.0	46.062	1.597	0.0	39.648	1.26	0.0	38.854	1.868	0.0	42.27	1.162	0.0	42.943	1.535	0.0	40.725	1.214	0.0	39.245	1.674
201	12173	12174	SN	1	0.0	40.056	0.542	0.0	44.136	0.695	0.0	44.387	0.752	0.0	39.122	0.906	0.0	39.427	0.526	0.0	44.946	0.641	0.0	45.543	0.69	0.0	38.385	0.765
202	12173	12174	NS	1	0.0	38.112	0.807	0.0	43.598	1.126	0.0	36.053	1.002	0.0	41.169	1.499	0.0	38.586	0.83	0.0	41.285	0.972	0.0	39.076	0.946	0.0	37.03	1.239
203	12173	12174	NS	1	0.0	38.112	0.764	0.0	43.598	1.1	0.0	36.053	1.036	0.0	41.169	1.466	0.0	38.586	0.789	0.0	40.264	0.949	0.0	39.076	0.956	0.0	37.03	1.212
204	12173	12174	NS	1	0.0	38.112	0.769	0.0	43.598	1.1	0.0	37.577	1.038	0.0	41.169	1.468	0.0	38.586	0.789	0.0	40.264	0.949	0.0	39.076	0.958	0.0	37.03	1.212
205	12173	12174	SN	1	0.0	54.476	1.755	0.0	54.346	2.074	0.0	48.308	3.016	0.0	43.547	3.204	0.0	53.954	1.795	0.0	52.918	1.912	0.0	46.697	2.81	0.0	43.579	2.797
206	12173	12174	SN	1	0.0	54.476	1.755	0.0	54.346	2.074	0.0	48.308	3.016	0.0	43.547	3.204	0.0	53.954	1.795	0.0	52.918	1.912	0.0	46.697	2.81	0.0	43.579	2.797
207	12173	12174	NS	1	0.0	46.945	2.673	0.0	45.12	3.558	0.0	38.129	3.394	0.0	40.965	4.957	0.0	47.896	2.58	0.0	45.676	3.247	0.0	36.431	3.199	0.0	43.545	4.318
208	12173	12174	NS	1	0.0	42.027	2.662	0.0	45.12	3.402	0.0	38.129	3.421	0.0	40.965	4.827	0.0	41.817	2.592	0.0	45.676	3.178	0.0	36.431	3.229	0.0	40.078	4.215
209	12173	12174	NS	1	0.0	42.027	2.652	0.0	45.12	3.402	0.0	39.489	3.406	0.0	40.965	4.827	0.0	41.783	2.571	0.0	45.676	3.178	0.0	36.743	3.229	0.0	40.063	4.215
210	12173	12174	SN	1	0.0	48.474	0.565	0.0	45.33	0.684	0.0	37.626	0.731	0.0	41.204	0.957	0.0	47.708	0.542	0.0	45.806	0.615	0.0	36.19	0.654	0.0	39.903	0.798
211	12173	12174	NS	1	0.0	38.446	0.766	0.0	49.807	1.089	0.0	36.549	1.069	0.0	38.616	1.486	0.0	39.41	0.793	0.0	47.519	0.959	0.0	33.894	0.98	0.0	36.449	1.208

Parameter Specifications	Parameters	SNR	Sigma0
	Range	20.0	20.0

Normal
Alarming
Deviations
High Errors

212	12173	12174	SN	1	0.0	54.464	1.846	0.0	49.301	2.146	0.0	44.284	3.009	0.0	45.779	3.337	0.0	53.943	1.876	0.0	49.893	1.993	0.0	43.17	2.781	0.0	43.88	2.905
213	12173	12174	NS	1	0.0	44.227	2.609	0.0	51.577	3.507	0.0	36.924	3.377	0.0	44.636	4.617	0.0	45.039	2.539	0.0	49.713	3.231	0.0	37.695	3.207	0.0	42.138	4.21
214	12173	12174	SN	1	0.0	40.056	0.542	0.0	44.136	0.695	0.0	44.387	0.752	0.0	39.122	0.906	0.0	39.427	0.526	0.0	44.946	0.641	0.0	45.543	0.69	0.0	38.385	0.765
215	12174	12175	NS	1	0.0	42.38	0.87	0.0	42.928	1.252	0.0	38.112	1.309	0.0	38.075	1.785	0.0	41.801	0.851	0.0	42.445	1.112	0.0	38.146	1.277	0.0	39.089	1.515
216	12174	12175	SN	1	0.0	51.571	4.098	0.0	51.286	5.712	0.0	44.612	4.201	0.0	44.08	5.509	0.0	52.206	4.048	0.0	50.983	5.53	0.0	41.727	4.031	0.0	46.231	4.959
217	12174	12175	NS	1	0.0	42.007	0.818	0.0	40.143	1.156	0.0	49.26	1.315	0.0	43.633	1.763	0.0	41.864	0.8	0.0	40.267	1.027	0.0	49.258	1.299	0.0	41.973	1.45
218	12174	12175	NS	1	0.0	43.918	0.825	0.0	40.143	1.165	0.0	49.499	1.333	0.0	43.302	1.715	0.0	43.775	0.802	0.0	39.549	1.031	0.0	49.496	1.285	0.0	41.973	1.438
219	12174	12175	SN	1	0.0	41.353	0.974	0.0	39.643	1.764	0.0	41.184	1.415	0.0	42.112	1.849	0.0	42.474	0.959	0.0	39.973	1.621	0.0	40.196	1.333	0.0	39.529	1.655
220	12174	12175	NS	1	0.0	45.672	0.873	0.0	40.143	1.203	0.0	49.499	1.372	0.0	43.302	1.798	0.0	45.608	0.861	0.0	38.418	1.079	0.0	49.496	1.314	0.0	41.973	1.487
221	12174	12175	SN	1	0.0	41.353	0.974	0.0	39.643	1.764	0.0	41.184	1.413	0.0	42.112	1.851	0.0	42.474	0.959	0.0	39.974	1.621	0.0	40.196	1.333	0.0	39.529	1.653
222	12174	12175	SN	1	0.0	51.571	4.098	0.0	51.286	5.702	0.0	44.612	4.216	0.0	44.08	5.516	0.0	52.206	4.048	0.0	50.983	5.52	0.0	41.727	4.038	0.0	46.231	4.945
223	12174	12175	NS	1	0.0	43.958	3.077	0.0	51.094	4.109	0.0	41.975	4.143	0.0	44.733	4.858	0.0	45.464	3.046	0.0	51.737	3.812	0.0	41.191	3.966	0.0	44.165	4.427
224	12174	12175	NS	1	0.0	47.436	0.845	0.0	42.928	1.18	0.0	38.112	1.262	0.0	40.058	1.701	0.0	46.872	0.831	0.0	42.445	1.057	0.0	38.146	1.256	0.0	40.819	1.441
225	12174	12175	NS	1	0.0	45.339	3.109	0.0	41.978	4.281	0.0	41.975	4.224	0.0	42.45	5.176	0.0	45.464	3.109	0.0	41.008	4.0	0.0	41.191	4.052	0.0	44.165	4.645
226	12174	12175	NS	1	0.0	42.759	2.702	0.0	52.173	4.215	0.0	42.784	4.03	0.0	49.19	4.857	0.0	43.315	2.813	0.0	53.184	3.819	0.0	41.772	4.037	0.0	46.911	4.401
227	12174	12175	NS	1	0.0	41.218	2.961	0.0	44.557	4.467	0.0	43.115	4.169	0.0	49.19	5.104	0.0	42.723	2.94	0.0	45.568	4.027	0.0	41.911	4.124	0.0	46.911	4.594
228	12174	12175	NS	1	0.0	42.886	2.793	0.0	46.832	4.215	0.0	44.048	4.051	0.0	49.19	4.885	0.0	43.468	2.823	0.0	47.844	3.819	0.0	42.61	4.072	0.0	46.911	4.387
229	12175	12176	NS	1	0.0	45.986	1.432	0.0	47.468	1.9	0.0	44.136	1.307	0.0	40.853	1.97	0.0	47.435	1.417	0.0	46.568	1.733	0.0	43.616	1.301	0.0	40.055	1.669
230	12175	12176	NS	1	0.0	51.645	1.275	0.0	47.371	1.702	0.0	40.118	1.17	0.0	36.124	1.758	0.0	53.095	1.263	0.0	47.474	1.56	0.0	41.175	1.165	0.0	36.895	1.51
231	12175	12176	NS	1	0.0	47.66	1.293	0.0	47.696	1.698	0.0	42.717	1.186	0.0	40.853	1.781	0.0	49.69	1.279	0.0	47.731	1.562	0.0	41.217	1.181	0.0	40.055	1.508
232	12175	12176	SN	1	0.0	45.981	1.501	0.0	48.491	2.057	0.0	39.693	1.775	0.0	39.275	2.606	0.0	45.356	1.551	0.0	47.636	1.934	0.0	39.02	1.768	0.0	38.856	2.446
233	12175	12176	SN	1	0.0	46.921	5.346	0.0	47.703	6.482	0.0	41.723	5.637	0.0	38.639	7.194	0.0	47.396	5.497	0.0	45.859	6.493	0.0	41.32	5.68	0.0	37.455	6.813
234	12175	12176	NS	1	0.0	54.923	4.519	0.0	51.531	5.39	0.0	42.372	4.117	0.0	43.18	5.406	0.0	57.036	4.488	0.0	53.014	5.258	0.0	44.613	4.081	0.0	46.736	4.797
235	12175	12176	SN	1	0.0	47.097	1.54	0.0	49.704	2.06	0.0	40.199	1.787	0.0	38.595	2.591	0.0	47.061	1.628	0.0	48.847	1.908	0.0	37.843	1.761	0.0	38.309	2.422
236	12175	12176	SN	1	0.0	47.097	1.54	0.0	49.704	2.06	0.0	40.199	1.787	0.0	38.595	2.591	0.0	47.061	1.628	0.0	48.847	1.908	0.0	37.843	1.761	0.0	38.309	2.422
237	12175	12176	NS	1	0.0	48.087	1.275	0.0	47.697	1.7	0.0	46.153	1.186	0.0	40.853	1.777	0.0	50.116	1.259	0.0	47.731	1.569	0.0	47.21	1.183	0.0	40.055	1.508
238	12175	12176	NS	1	0.0	46.13	4.539	0.0	51.543	5.38	0.0	49.012	4.131	0.0	45.525	5.484	0.0	47.216	4.437	0.0	53.032	5.289	0.0	50.705	4.032	0.0	45.209	4.86
239	12175	12176	NS	1	0.0	54.954	4.549	0.0	51.531	5.39	0.0	42.413	4.117	0.0	43.18	5.427	0.0	57.067	4.508	0.0	53.014	5.279	0.0	44.613	4.074	0.0	46.736	4.811
240	12175	12176	SN	1	0.0	46.416	5.486	0.0	48.884	6.409	0.0	41.9	5.509	0.0	42.411	6.922	0.0	46.891	5.537	0.0	47.077	6.287	0.0	41.487	5.58	0.0	42.332	6.643
241	12175	12176	SN	1	0.0	46.416	5.486	0.0	48.884	6.409	0.0	41.9	5.509	0.0	42.411	6.922	0.0	46.891	5.537	0.0	47.077	6.287	0.0	41.487	5.58	0.0	42.332	6.643
242	12175	12176	NS	1	0.0	54.954	5.071	0.0	51.531	6.037	0.0	44.116	4.429	0.0	43.18	5.986	0.0	57.067	5.037	0.0	53.014	5.869	0.0	44.613	4.413	0.0	46.736	5.343
243	12176	12177	SN	1	0.0	54.669	3.506	0.0	53.642	4.288	0.0	43.884	3.5	0.0	47.604	4.805	0.0	55.088	3.597	0.0	57.047	3.914	0.0	43.851	3.478	0.0	43.911	4.276
244	12176	12177	NS	1	0.0	45.736	3.521	0.0	55.847	5.089	0.0	43.024	3.611	0.0	46.042	4.603	0.0	44.508	3.491	0.0	55.904	4.483	0.0	41.895	3.377	0.0	43.005	3.795
245	12176	12177	NS	1	0.0	44.592	3.521	0.0	55.847	5.109	0.0	43.024	3.583	0.0	46.042	4.61	0.0	44.262	3.491	0.0	55.904	4.483	0.0	41.895	3.342	0.0	43.005	3.803
246	12176	12177	NS	1	0.0	45.126	3.27	0.0	54.57	5.203	0.0	41.497	3.676	0.0	42.306	4.919	0.0	45.823	3.351	0.0	54.63	4.562	0.0	43.853	3.421	0.0	42.667	4.005
247	12176	12177	NS	1	0.0	44.26	0.967	0.0	45.646	1.461	0.0	41.709	0.988	0.0	48.696	1.494	0.0	43.723	0.974	0.0	43.113	1.295	0.0	45.518	0.862	0.0	44.099	1.163

Parameter Specifications	Parameters	SNR	Sigma0
	Range	20.0	20.0

Normal
Deviations
Alarming
High Errors

248	12176	12177	NS	1	0.0	44.26	1.111	0.0	45.646	1.701	0.0	41.709	1.087	0.0	48.696	1.718	0.0	43.723	1.122	0.0	43.113	1.516	0.0	45.518	0.968	0.0	44.099	1.336
249	12176	12177	SN	1	0.0	50.03	0.896	0.0	50.964	1.243	0.0	43.342	1.083	0.0	46.743	1.621	0.0	49.914	0.903	0.0	50.438	1.143	0.0	42.202	1.024	0.0	47.576	1.413
250	12176	12177	SN	1	0.0	54.669	3.506	0.0	53.642	4.299	0.0	43.884	3.492	0.0	47.604	4.798	0.0	55.088	3.597	0.0	57.047	3.924	0.0	43.851	3.471	0.0	43.911	4.269
251	12176	12177	NS	1	0.0	44.26	0.96	0.0	45.646	1.461	0.0	41.709	0.984	0.0	48.696	1.499	0.0	43.723	0.969	0.0	43.115	1.29	0.0	45.518	0.858	0.0	44.099	1.158
252	12176	12177	SN	1	0.0	54.669	3.506	0.0	53.642	4.329	0.0	43.884	3.521	0.0	48.198	4.691	0.0	55.088	3.617	0.0	57.047	3.965	0.0	43.851	3.535	0.0	44.511	4.226
253	12176	12177	SN	1	0.0	50.03	0.916	0.0	51.953	1.254	0.0	43.342	1.115	0.0	46.743	1.612	0.0	49.914	0.896	0.0	50.438	1.152	0.0	42.202	1.035	0.0	47.576	1.398
254	12176	12177	SN	1	0.0	50.03	0.995	0.0	51.953	1.361	0.0	43.342	1.217	0.0	46.743	1.763	0.0	49.914	0.972	0.0	50.438	1.254	0.0	42.202	1.135	0.0	47.576	1.528
255	12176	12177	SN	1	0.0	54.669	3.755	0.0	53.642	4.57	0.0	43.884	3.72	0.0	47.604	5.155	0.0	55.088	3.853	0.0	57.047	4.201	0.0	43.851	3.712	0.0	43.911	4.595
256	12176	12177	SN	1	0.0	54.669	3.506	0.0	53.642	4.329	0.0	43.884	3.521	0.0	48.198	4.691	0.0	55.088	3.617	0.0	57.047	3.965	0.0	43.851	3.535	0.0	44.511	4.226
257	12176	12177	NS	1	0.0	45.736	3.981	0.0	55.847	5.833	0.0	43.024	4.08	0.0	46.042	5.276	0.0	44.508	3.97	0.0	55.904	5.167	0.0	41.895	3.805	0.0	43.005	4.359
258	12176	12177	NS	1	0.0	43.205	1.05	0.0	49.623	1.501	0.0	39.676	1.103	0.0	42.606	1.587	0.0	44.76	1.055	0.0	49.247	1.309	0.0	41.532	0.967	0.0	45.721	1.246
259	12176	12177	SN	1	0.0	50.03	0.98	0.0	51.953	1.339	0.0	43.342	1.196	0.0	46.743	1.733	0.0	49.914	0.958	0.0	50.438	1.234	0.0	42.202	1.116	0.0	47.576	1.503
260	12176	12177	SN	1	0.0	50.03	0.896	0.0	50.964	1.243	0.0	43.342	1.083	0.0	46.743	1.621	0.0	49.914	0.903	0.0	50.438	1.143	0.0	42.202	1.024	0.0	47.576	1.413
261	12176	12177	SN	1	0.0	54.669	3.821	0.0	53.642	4.648	0.0	43.884	3.785	0.0	47.604	5.234	0.0	55.088	3.92	0.0	57.047	4.271	0.0	43.851	3.777	0.0	43.911	4.67
262	12176	12177	SN	1	0.0	50.03	0.916	0.0	51.953	1.254	0.0	43.342	1.115	0.0	46.743	1.611	0.0	49.914	0.896	0.0	50.438	1.152	0.0	42.202	1.035	0.0	47.576	1.396

Parameter Specifications	Parameters	SNR	Sigma0
	Range	20.0	20.0

Normal
Deviations
Alarming
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	12150	12151	SN	1	0.0	28.226	12.61	0.0	27.338	12.884	0.0	82.565	7.076	0.0	62.369	9.587	0.0	1.372	0.0	0.0	1.741	0.0	0.0	1.782	0.0	0.0	2.089	0.0
2	12150	12151	SN	1	0.0	23.113	4.971	0.0	26.842	6.097	0.0	69.197	1.119	0.0	49.475	1.902	0.0	1.374	0.0	0.0	1.74	0.0	0.0	1.829	0.0	0.0	2.087	0.0
3	12150	12151	SN	1	0.0	28.226	12.61	0.0	27.338	12.884	0.0	82.565	7.076	0.0	62.369	9.587	0.0	1.372	0.0	0.0	1.741	0.0	0.0	1.782	0.0	0.0	2.089	0.0
4	12150	12151	SN	1	0.0	23.113	4.971	0.0	26.842	6.097	0.0	69.197	1.119	0.0	49.475	1.902	0.0	1.374	0.0	0.0	1.74	0.0	0.0	1.829	0.0	0.0	2.087	0.0
5	12151	12152	SN	1	0.0	23.229	4.976	0.0	26.836	6.071	0.0	66.55	1.09	0.0	91.913	1.889	0.0	1.372	0.0	0.0	1.739	0.0	0.0	1.828	0.0	0.0	2.088	0.0
6	12151	12152	NS	1	0.0	91.276	10.9	0.0	30.856	14.936	0.0	261.924	12.834	0.0	140.169	14.844	0.0	1.409	0.0	0.0	1.832	0.0	0.0	1.882	0.0	0.0	2.192	0.0
7	12151	12152	SN	1	0.0	28.386	12.553	0.0	122.938	12.847	0.0	75.567	7.099	0.0	172.44	9.567	0.0	1.382	0.0	0.0	1.741	0.0	0.0	1.782	0.0	0.0	2.09	0.0
8	12151	12152	NS	1	0.0	153.008	7.462	0.0	25.645	8.674	0.0	202.922	4.859	0.0	136.976	5.852	0.0	1.447	0.0	0.0	1.831	0.0	0.0	1.909	0.0	0.0	2.193	0.0
9	12151	12152	NS	1	0.0	100.023	7.46	0.0	25.645	8.68	0.0	150.072	4.868	0.0	135.399	5.852	0.0	1.447	0.0	0.0	1.831	0.0	0.0	1.909	0.0	0.0	2.193	0.0
10	12151	12152	SN	1	0.0	28.386	12.573	0.0	232.918	12.847	0.0	75.556	7.099	0.0	172.435	9.559	0.0	1.382	0.0	0.0	1.741	0.0	0.0	1.782	0.0	0.0	2.09	0.0
11	12151	12152	SN	1	0.0	28.386	12.59	0.0	122.938	12.544	0.0	75.567	7.128	0.0	172.44	9.001	0.0	1.382	0.0	0.0	1.738	0.0	0.0	1.782	0.0	0.0	2.088	0.0
12	12151	12152	SN	1	0.0	23.229	4.98	0.0	266.796	6.073	0.0	66.561	1.092	0.0	91.913	1.889	0.0	1.372	0.0	0.0	1.74	0.0	0.0	1.828	0.0	0.0	2.088	0.0
13	12151	12152	NS	1	0.0	121.548	10.856	0.0	30.288	14.796	0.0	151.031	12.775	0.0	147.57	14.821	0.0	1.417	0.0	0.0	1.831	0.0	0.0	1.884	0.0	0.0	2.192	0.0
14	12152	12153	SN	1	0.0	30.239	12.668	0.0	27.343	12.4	0.0	79.94	7.313	0.0	255.645	8.8	0.0	1.371	0.0	0.0	1.74	0.0	0.0	1.78	0.0	0.0	2.082	0.0
15	12152	12153	NS	1	0.0	150.689	10.851	0.0	30.228	14.951	0.0	350.613	12.928	0.0	143.699	14.894	0.0	1.408	0.0	0.0	1.832	0.0	0.0	1.883	0.0	0.0	2.192	0.0
16	12152	12153	SN	1	0.0	23.113	5.001	0.0	21.31	5.979	0.0	65.551	1.099	0.0	58.782	1.64	0.0	1.372	0.0	0.0	1.738	0.0	0.0	1.809	0.0	0.0	2.082	0.0
17	12152	12153	NS	1	0.0	78.514	7.501	0.0	25.65	8.733	0.0	352.152	4.95	0.0	109.506	5.922	0.0	1.435	0.0	0.0	1.831	0.0	0.0	1.91	0.0	0.0	2.193	0.0
18	12152	12153	SN	1	0.0	30.239	12.654	0.0	27.354	12.852	0.0	79.94	7.257	0.0	255.645	9.575	0.0	1.371	0.0	0.0	1.742	0.0	0.0	1.788	0.0	0.0	2.089	0.0
19	12152	12153	SN	1	0.0	23.113	5.007	0.0	26.797	6.096	0.0	65.551	1.109	0.0	58.782	1.922	0.0	1.372	0.0	0.0	1.738	0.0	0.0	1.809	0.0	0.0	2.089	0.0
20	12152	12153	SN	1	0.0	23.113	5.007	0.0	26.792	6.096	0.0	65.551	1.109	0.0	58.782	1.922	0.0	1.372	0.0	0.0	1.738	0.0	0.0	1.809	0.0	0.0	2.089	0.0
21	12152	12153	NS	1	0.0	193.855	7.505	0.0	25.65	8.742	0.0	352.147	4.947	0.0	109.517	5.916	0.0	1.435	0.0	0.0	1.831	0.0	0.0	1.91	0.0	0.0	2.192	0.0
22	12152	12153	SN	1	0.0	30.239	12.654	0.0	27.354	12.852	0.0	79.94	7.257	0.0	255.645	9.575	0.0	1.371	0.0	0.0	1.742	0.0	0.0	1.784	0.0	0.0	2.089	0.0
23	12152	12153	NS	1	0.0	212.264	10.841	0.0	30.228	14.951	0.0	350.613	12.943	0.0	143.704	14.873	0.0	1.408	0.0	0.0	1.832	0.0	0.0	1.883	0.0	0.0	2.192	0.0
24	12153	12154	SN	1	0.0	29.538	12.724	0.0	27.272	12.317	0.0	66.886	7.27	0.0	14.913	8.554	0.0	1.376	0.0	0.0	1.737	0.0	0.0	1.818	0.0	0.0	2.081	0.0
25	12153	12154	SN	1	0.0	29.538	12.678	0.0	27.36	12.828	0.0	66.886	7.195	0.0	61.145	9.528	0.0	1.376	0.0	0.0	1.741	0.0	0.0	1.818	0.0	0.0	2.087	0.0
26	12153	12154	SN	1	0.0	23.108	4.967	0.0	192.231	6.04	0.0	68.127	1.123	0.0	46.817	1.928	0.0	1.371	0.0	0.0	1.74	0.0	0.0	1.823	0.0	0.0	2.088	0.0
27	12153	12154	NS	1	0.0	24.602	10.839	0.0	30.117	14.967	0.0	183.616	12.91	0.0	135.316	14.825	0.0	1.4	0.0	0.0	1.833	0.0	0.0	1.896	0.0	0.0	2.189	0.0
28	12153	12154	NS	1	0.0	25.813	7.509	0.0	25.645	8.686	0.0	271.528	4.953	0.0	128.488	5.926	0.0	1.421	0.0	0.0	1.831	0.0	0.0	1.911	0.0	0.0	2.193	0.0
29	12153	12154	SN	1	0.0	29.538	12.678	0.0	27.36	12.828	0.0	66.886	7.195	0.0	61.145	9.528	0.0	1.376	0.0	0.0	1.741	0.0	0.0	1.818	0.0	0.0	2.087	0.0
30	12153	12154	NS	1	0.0	220.101	10.849	0.0	30.112	14.977	0.0	274.641	12.888	0.0	135.305	14.853	0.0	1.418	0.0	0.0	1.833	0.0	0.0	1.896	0.0	0.0	2.189	0.0
31	12153	12154	SN	1	0.0	23.108	4.967	0.0	192.231	6.04	0.0	68.127	1.123	0.0	46.817	1.926	0.0	1.371	0.0	0.0	1.74	0.0	0.0	1.823	0.0	0.0	2.088	0.0

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

Normal
Alarming
Deviations
High Errors

32	12153	12154	NS	1	0.0	217.848	7.507	0.0	25.645	8.688	0.0	215.805	4.953	0.0	128.477	5.942	0.0	1.415	0.0	0.0	1.831	0.0	0.0	1.911	0.0	0.0	2.193	0.0
33	12154	12155	SN	1	0.0	23.091	5.0	0.0	26.803	6.131	0.0	61.807	1.111	0.0	53.981	1.922	0.0	1.372	0.0	0.0	1.74	0.0	0.0	1.823	0.0	0.0	2.088	0.0
34	12154	12155	SN	1	0.0	29.489	12.586	0.0	27.36	12.902	0.0	81.517	7.19	0.0	68.342	9.57	0.0	1.378	0.0	0.0	1.74	0.0	0.0	1.818	0.0	0.0	2.087	0.0
35	12154	12155	SN	1	0.0	29.489	12.586	0.0	27.36	12.902	0.0	81.517	7.19	0.0	68.347	9.577	0.0	1.378	0.0	0.0	1.741	0.0	0.0	1.818	0.0	0.0	2.088	0.0
36	12154	12155	SN	1	0.0	29.489	12.635	0.0	25.694	12.237	0.0	81.517	7.241	0.0	14.852	8.298	0.0	1.378	0.0	0.0	1.731	0.0	0.0	1.817	0.0	0.0	2.08	0.0
37	12154	12155	NS	1	0.0	236.458	7.502	0.0	25.65	8.669	0.0	222.966	4.97	0.0	129.316	5.877	0.0	1.448	0.0	0.0	1.832	0.0	0.0	1.912	0.0	0.0	2.194	0.0
38	12154	12155	NS	1	0.0	217.831	7.509	0.0	25.65	8.678	0.0	215.292	4.969	0.0	129.327	5.886	0.0	1.448	0.0	0.0	1.832	0.0	0.0	1.911	0.0	0.0	2.193	0.0
39	12154	12155	NS	1	0.0	212.843	10.753	0.0	30.09	14.943	0.0	152.928	12.847	0.0	127.027	14.938	0.0	1.417	0.0	0.0	1.834	0.0	0.0	1.897	0.0	0.0	2.19	0.0
40	12154	12155	NS	1	0.0	272.405	10.743	0.0	30.084	14.933	0.0	152.972	12.825	0.0	127.038	14.896	0.0	1.417	0.0	0.0	1.833	0.0	0.0	1.893	0.0	0.0	2.189	0.0
41	12154	12155	SN	1	0.0	23.091	4.986	0.0	21.167	5.951	0.0	61.807	1.092	0.0	12.133	1.504	0.0	1.372	0.0	0.0	1.729	0.0	0.0	1.823	0.0	0.0	2.077	0.0
42	12154	12155	SN	1	0.0	23.091	5.0	0.0	26.803	6.131	0.0	61.807	1.113	0.0	53.997	1.922	0.0	1.372	0.0	0.0	1.74	0.0	0.0	1.823	0.0	0.0	2.089	0.0
43	12155	12156	SN	1	0.0	29.549	12.552	0.0	25.402	12.043	0.0	83.012	7.304	0.0	13.705	7.928	0.0	1.373	0.0	0.0	1.73	0.0	0.0	1.776	0.0	0.0	2.078	0.0
44	12155	12156	SN	1	0.0	29.549	12.497	0.0	27.343	12.838	0.0	83.012	7.175	0.0	66.362	9.526	0.0	1.373	0.0	0.0	1.744	0.0	0.0	1.783	0.0	0.0	2.087	0.0
45	12155	12156	NS	1	0.0	218.786	7.536	0.0	25.645	8.724	0.0	274.581	5.048	0.0	124.799	5.869	0.0	1.442	0.0	0.0	1.831	0.0	0.0	1.913	0.0	0.0	2.193	0.0
46	12155	12156	NS	1	0.0	119.138	10.856	0.0	30.928	14.824	0.0	151.726	12.944	0.0	131.61	15.159	0.0	1.417	0.0	0.0	1.832	0.0	0.0	1.895	0.0	0.0	2.191	0.0
47	12155	12156	SN	1	0.0	23.086	4.997	0.0	19.711	5.935	0.0	68.436	1.09	0.0	12.083	1.471	0.0	1.342	0.0	0.0	1.725	0.0	0.0	1.791	0.0	0.0	2.075	0.0
48	12155	12156	NS	1	0.0	271.418	10.834	0.0	30.934	14.794	0.0	151.765	12.93	0.0	131.632	15.166	0.0	1.416	0.0	0.0	1.832	0.0	0.0	1.894	0.0	0.0	2.191	0.0
49	12155	12156	NS	1	0.0	158.005	7.543	0.0	25.645	8.699	0.0	154.227	5.05	0.0	124.777	5.842	0.0	1.442	0.0	0.0	1.832	0.0	0.0	1.914	0.0	0.0	2.194	0.0
50	12155	12156	SN	1	0.0	23.086	4.986	0.0	26.875	6.145	0.0	68.436	1.102	0.0	53.451	1.883	0.0	1.372	0.0	0.0	1.741	0.0	0.0	1.824	0.0	0.0	2.088	0.0
51	12156	12157	SN	1	0.0	29.505	12.426	0.0	85.16	12.797	0.0	76.973	7.161	0.0	61.696	9.54	0.0	1.381	0.0	0.0	1.744	0.0	0.0	1.783	0.0	0.0	2.086	0.0
52	12156	12157	NS	1	0.0	199.017	10.804	0.0	30.206	14.794	0.0	149.476	12.944	0.0	135.14	15.095	0.0	1.405	0.0	0.0	1.831	0.0	0.0	1.896	0.0	0.0	2.192	0.0
53	12156	12157	NS	1	0.0	167.135	7.541	0.0	25.645	8.753	0.0	203.06	5.004	0.0	135.14	5.858	0.0	1.443	0.0	0.0	1.832	0.0	0.0	1.91	0.0	0.0	2.194	0.0
54	12156	12157	SN	1	0.0	23.097	4.964	0.0	226.818	6.124	0.0	68.033	1.126	0.0	46.811	1.889	0.0	1.371	0.0	0.0	1.742	0.0	0.0	1.825	0.0	0.0	2.09	0.0
55	12157	12158	NS	1	0.0	67.333	7.521	0.0	25.661	8.72	0.0	345.418	4.978	0.0	122.444	5.893	0.0	1.447	0.0	0.0	1.831	0.0	0.0	1.91	0.0	0.0	2.193	0.0
56	12157	12158	NS	1	0.0	220.691	10.83	0.0	30.912	14.931	0.0	152.801	12.985	0.0	142.425	15.0	0.0	1.41	0.0	0.0	1.833	0.0	0.0	1.882	0.0	0.0	2.193	0.0
57	12157	12158	NS	1	0.0	67.333	7.521	0.0	25.661	8.72	0.0	345.418	4.978	0.0	122.444	5.893	0.0	1.447	0.0	0.0	1.831	0.0	0.0	1.91	0.0	0.0	2.193	0.0
58	12157	12158	SN	1	0.0	32.064	12.442	0.0	27.36	12.727	0.0	82.124	7.124	0.0	249.008	9.364	0.0	1.371	0.0	0.0	1.743	0.0	0.0	1.788	0.0	0.0	2.085	0.0
59	12157	12158	SN	1	0.0	34.662	4.956	0.0	26.814	6.059	0.0	73.449	1.099	0.0	68.394	1.862	0.0	1.371	0.0	0.0	1.74	0.0	0.0	1.806	0.0	0.0	2.091	0.0
60	12157	12158	NS	1	0.0	220.691	10.83	0.0	30.912	14.931	0.0	152.801	12.985	0.0	142.425	15.0	0.0	1.41	0.0	0.0	1.833	0.0	0.0	1.882	0.0	0.0	2.193	0.0
61	12158	12159	NS	1	0.0	197.727	10.817	0.0	30.68	14.998	0.0	356.746	12.999	0.0	142.982	15.151	0.0	1.418	0.0	0.0	1.833	0.0	0.0	1.9	0.0	0.0	2.191	0.0
62	12158	12159	SN	1	0.0	29.423	12.482	0.0	27.365	12.916	0.0	79.311	7.18	0.0	64.046	9.547	0.0	1.388	0.0	0.0	1.743	0.0	0.0	1.781	0.0	0.0	2.087	0.0
63	12158	12159	NS	1	0.0	197.727	10.827	0.0	28.854	14.923	0.0	356.746	13.108	0.0	26.792	15.067	0.0	1.418	0.0	0.0	1.833	0.0	0.0	1.9	0.0	0.0	2.191	0.0
64	12158	12159	SN	1	0.0	23.097	4.996	0.0	26.753	6.157	0.0	70.895	1.093	0.0	53.247	1.901	0.0	1.372	0.0	0.0	1.741	0.0	0.0	1.807	0.0	0.0	2.092	0.0
65	12158	12159	NS	1	0.0	197.641	7.558	0.0	25.645	8.771	0.0	356.746	5.039	0.0	17.841	5.866	0.0	1.441	0.0	0.0	1.832	0.0	0.0	1.91	0.0	0.0	2.193	0.0
66	12158	12159	NS	1	0.0	197.641	7.511	0.0	25.645	8.749	0.0	356.746	4.997	0.0	121.854	5.889	0.0	1.441	0.0	0.0	1.832	0.0	0.0	1.91	0.0	0.0	2.193	0.0
67	12159	12160	SN	1	0.0	29.61	12.469	0.0	181.893	12.846	0.0	99.237	7.232	0.0	62.546	9.536	0.0	1.38	0.0	0.0	1.743	0.0	0.0	1.817	0.0	0.0	2.089	0.0
68	12159	12160	NS	1	0.0	265.969	10.827	0.0	29.693	14.832	0.0	171.183	13.103	0.0	32.467	15.133	0.0	1.419	0.0	0.0	1.833	0.0	0.0	1.909	0.0	0.0	2.195	0.0

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

Normal
Deviations
Alarming
High Errors

69	12159	12160	SN	1	0.0	29.61	12.469	0.0	181.893	12.846	0.0	99.237	7.232	0.0	62.546	9.536	0.0	1.38	0.0	0.0	1.743	0.0	0.0	1.817	0.0	0.0	2.089	0.0
70	12159	12160	SN	1	0.0	23.097	5.026	0.0	26.786	6.155	0.0	79.604	1.137	0.0	65.424	1.891	0.0	1.375	0.0	0.0	1.741	0.0	0.0	1.827	0.0	0.0	2.091	0.0
71	12159	12160	NS	1	0.0	143.492	7.547	0.0	25.661	8.747	0.0	181.055	5.066	0.0	52.04	5.792	0.0	1.446	0.0	0.0	1.832	0.0	0.0	1.913	0.0	0.0	2.194	0.0
72	12159	12160	SN	1	0.0	23.097	5.026	0.0	26.786	6.155	0.0	79.604	1.137	0.0	65.424	1.891	0.0	1.375	0.0	0.0	1.741	0.0	0.0	1.827	0.0	0.0	2.091	0.0
73	12159	12160	NS	1	0.0	143.492	7.524	0.0	25.661	8.738	0.0	181.055	5.047	0.0	131.169	5.8	0.0	1.446	0.0	0.0	1.832	0.0	0.0	1.913	0.0	0.0	2.194	0.0
74	12159	12160	NS	1	0.0	265.969	10.817	0.0	29.748	14.885	0.0	171.183	13.051	0.0	127.281	15.197	0.0	1.419	0.0	0.0	1.833	0.0	0.0	1.909	0.0	0.0	2.195	0.0
75	12160	12161	SN	1	0.0	29.566	12.373	0.0	27.365	12.826	0.0	88.946	7.204	0.0	54.993	9.565	0.0	1.376	0.0	0.0	1.742	0.0	0.0	1.795	0.0	0.0	2.088	0.0
76	12160	12161	NS	1	0.0	25.193	10.74	0.0	30.972	14.652	0.0	179.18	13.05	0.0	133.998	15.322	0.0	1.418	0.0	0.0	1.833	0.0	0.0	1.906	0.0	0.0	2.191	0.0
77	12160	12161	SN	1	0.0	29.571	12.373	0.0	27.365	12.836	0.0	88.94	7.219	0.0	54.998	9.586	0.0	1.376	0.0	0.0	1.742	0.0	0.0	1.795	0.0	0.0	2.088	0.0
78	12160	12161	SN	1	0.0	23.102	5.026	0.0	26.786	6.151	0.0	68.524	1.113	0.0	78.649	1.895	0.0	1.373	0.0	0.0	1.741	0.0	0.0	1.827	0.0	0.0	2.09	0.0
79	12160	12161	NS	1	0.0	25.193	10.942	0.43	28.849	14.093	0.0	179.18	13.903	0.0	16.766	14.868	0.0	1.418	0.0	0.002	1.833	0.0	0.0	1.906	0.0	0.0	2.191	0.0
80	12160	12161	NS	1	0.0	25.193	10.74	0.0	30.972	14.652	0.0	179.18	13.05	0.0	133.998	15.322	0.0	1.418	0.0	0.0	1.833	0.0	0.0	1.906	0.0	0.0	2.191	0.0
81	12160	12161	NS	1	0.0	58.076	7.895	0.0	25.656	8.97	0.0	187.733	5.421	0.0	16.749	5.894	0.0	1.44	0.0	0.0	1.832	0.0	0.0	1.914	0.0	0.0	2.195	0.0
82	12160	12161	SN	1	0.0	23.102	5.022	0.0	26.786	6.155	0.0	68.513	1.117	0.0	78.66	1.895	0.0	1.375	0.0	0.0	1.741	0.0	0.0	1.827	0.0	0.0	2.09	0.0
83	12160	12161	NS	1	0.0	58.076	7.544	0.0	25.656	8.751	0.0	187.733	5.04	0.0	131.461	5.713	0.0	1.44	0.0	0.0	1.832	0.0	0.0	1.914	0.0	0.0	2.195	0.0
84	12160	12161	NS	1	0.0	58.076	7.544	0.0	25.656	8.751	0.0	187.733	5.04	0.0	131.461	5.713	0.0	1.44	0.0	0.0	1.832	0.0	0.0	1.914	0.0	0.0	2.195	0.0
85	12161	12162	NS	1	0.0	92.418	11.01	0.0	28.854	13.959	0.0	155.631	14.797	0.0	16.777	14.908	0.0	1.418	0.0	0.0	1.833	0.0	0.0	1.897	0.0	0.0	2.193	0.0
86	12161	12162	SN	1	0.0	29.621	12.369	0.0	25.551	12.114	0.0	82.554	7.281	0.0	33.214	8.163	0.0	1.384	0.0	0.0	1.735	0.0	0.0	1.798	0.0	0.0	2.086	0.0
87	12161	12162	SN	1	0.0	23.086	5.04	0.0	20.836	5.947	0.0	67.487	1.129	0.0	273.006	1.477	0.0	1.372	0.0	0.0	1.727	0.0	0.0	1.81	0.0	0.0	2.076	0.0
88	12161	12162	SN	1	0.0	23.086	5.042	0.0	26.781	6.142	0.0	67.487	1.145	0.0	273.006	1.872	0.0	1.372	0.0	0.0	1.742	0.0	0.0	1.81	0.0	0.0	2.091	0.0
89	12161	12162	SN	1	0.0	23.086	5.042	0.0	26.781	6.142	0.0	67.487	1.145	0.0	273.006	1.872	0.0	1.372	0.0	0.0	1.742	0.0	0.0	1.81	0.0	0.0	2.091	0.0
90	12161	12162	NS	1	0.0	67.573	8.154	0.0	25.661	9.156	0.0	135.159	5.749	0.0	16.755	6.272	0.0	1.427	0.0	0.0	1.833	0.0	0.0	1.916	0.0	0.0	2.195	0.0
91	12161	12162	NS	1	0.0	92.418	10.743	0.0	30.967	14.621	0.0	220.989	13.172	0.0	175.89	15.343	0.0	1.418	0.0	0.0	1.833	0.0	0.0	1.897	0.0	0.0	2.193	0.0
92	12161	12162	NS	1	0.0	92.418	10.743	0.0	30.967	14.651	0.0	220.989	13.164	0.0	175.89	15.35	0.0	1.418	0.0	0.0	1.833	0.0	0.0	1.897	0.0	0.0	2.193	0.0
93	12161	12162	NS	1	0.0	67.573	7.546	0.0	25.661	8.753	0.0	160.76	5.057	0.0	123.856	5.729	0.0	1.427	0.0	0.0	1.833	0.0	0.0	1.916	0.0	0.0	2.195	0.0
94	12161	12162	NS	1	0.0	67.573	7.55	0.0	25.667	8.753	0.0	176.502	5.055	0.0	123.856	5.726	0.0	1.438	0.0	0.0	1.832	0.0	0.0	1.916	0.0	0.0	2.195	0.0
95	12161	12162	SN	1	0.0	29.621	12.339	0.0	27.36	12.812	0.0	82.554	7.189	0.0	59.954	9.57	0.0	1.384	0.0	0.0	1.743	0.0	0.0	1.798	0.0	0.0	2.095	0.0
96	12161	12162	SN	1	0.0	29.621	12.339	0.0	27.36	12.812	0.0	82.554	7.189	0.0	59.954	9.57	0.0	1.384	0.0	0.0	1.743	0.0	0.0	1.798	0.0	0.0	2.095	0.0
97	12162	12163	NS	1	0.0	158.57	7.545	0.0	25.661	8.745	0.0	348.06	5.049	0.0	152.247	5.706	0.0	1.443	0.0	0.0	1.832	0.0	0.0	1.915	0.0	0.0	2.194	0.0
98	12162	12163	NS	1	0.0	260.355	10.92	0.0	30.95	14.748	0.0	347.746	13.154	0.0	154.983	15.234	0.0	1.409	0.0	0.0	1.832	0.0	0.0	1.885	0.0	0.0	2.195	0.0
99	12162	12163	NS	1	0.0	206.738	7.546	0.0	25.667	8.744	0.0	351.656	5.052	0.0	154.177	5.701	0.0	1.432	0.0	0.0	1.833	0.0	0.0	1.916	0.0	0.0	2.194	0.0
100	12162	12163	NS	1	0.0	271.435	10.783	0.0	30.95	14.681	0.0	143.183	13.115	0.0	156.747	15.258	0.0	1.402	0.0	0.0	1.834	0.0	0.0	1.898	0.0	0.0	2.192	0.0
101	12162	12163	SN	1	0.0	23.097	4.99	0.0	266.791	6.104	0.0	66.902	1.126	0.0	59.013	1.892	0.0	1.376	0.0	0.0	1.741	0.0	0.0	1.808	0.0	0.0	2.091	0.0
102	12162	12163	SN	1	0.0	23.097	4.982	0.0	266.791	5.962	0.0	66.902	1.121	0.0	59.013	1.567	0.0	1.376	0.0	0.0	1.731	0.0	0.0	1.808	0.0	0.0	2.081	0.0
103	12162	12163	SN	1	0.0	29.908	12.283	0.0	122.938	12.277	0.0	75.633	7.201	0.0	14.808	8.62	0.0	1.388	0.0	0.0	1.738	0.0	0.0	1.802	0.0	0.0	2.086	0.0
104	12162	12163	SN	1	0.0	23.097	4.988	0.0	26.808	6.104	0.0	66.897	1.128	0.0	237.948	1.901	0.0	1.376	0.0	0.0	1.741	0.0	0.0	1.808	0.0	0.0	2.093	0.0
105	12162	12163	SN	1	0.0	29.908	12.258	0.0	122.938	12.759	0.0	75.633	7.105	0.0	66.599	9.569	0.0	1.388	0.0	0.0	1.743	0.0	0.0	1.803	0.0	0.0	2.095	0.0

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

Normal
Deviations
Alarming
High Errors

106	12162	12163	SN	1	0.0	29.908	12.259	0.0	232.929	12.759	0.0	75.627	7.105	0.0	214.004	9.59	0.0	1.388	0.0	0.0	1.743	0.0	0.0	1.802	0.0	0.0	2.094	0.0
107	12163	12164	SN	1	0.0	29.456	12.305	0.0	27.354	12.815	0.0	80.453	7.128	0.0	63.263	9.561	0.0	1.388	0.0	0.0	1.745	0.0	0.0	1.783	0.0	0.0	2.092	0.0
108	12163	12164	NS	1	0.0	149.614	10.869	0.0	30.939	14.839	0.0	348.595	13.033	0.0	161.198	15.199	0.0	1.411	0.0	0.0	1.832	0.0	0.0	1.885	0.0	0.0	2.195	0.0
109	12163	12164	SN	1	0.0	29.456	12.302	0.0	27.354	12.641	0.0	80.453	7.149	0.0	22.413	9.252	0.0	1.388	0.0	0.0	1.741	0.0	0.0	1.783	0.0	0.0	2.092	0.0
110	12163	12164	NS	1	0.0	149.614	10.869	0.0	30.939	14.839	0.0	348.595	13.033	0.0	161.198	15.199	0.0	1.411	0.0	0.0	1.832	0.0	0.0	1.885	0.0	0.0	2.195	0.0
111	12163	12164	SN	1	0.0	29.456	12.305	0.0	27.354	12.815	0.0	80.453	7.128	0.0	63.263	9.561	0.0	1.388	0.0	0.0	1.745	0.0	0.0	1.783	0.0	0.0	2.092	0.0
112	12163	12164	SN	1	0.0	23.108	5.02	0.0	26.715	6.093	0.0	71.96	1.091	0.0	55.696	1.911	0.0	1.374	0.0	0.0	1.741	0.0	0.0	1.822	0.0	0.0	2.092	0.0
113	12163	12164	NS	1	0.0	165.651	7.524	0.0	25.65	8.738	0.0	338.425	5.037	0.0	111.607	5.718	0.0	1.436	0.0	0.0	1.832	0.0	0.0	1.912	0.0	0.0	2.194	0.0
114	12163	12164	SN	1	0.0	23.108	5.02	0.0	26.715	6.093	0.0	71.96	1.091	0.0	55.696	1.911	0.0	1.374	0.0	0.0	1.741	0.0	0.0	1.822	0.0	0.0	2.092	0.0
115	12163	12164	SN	1	0.0	23.108	5.013	0.0	25.727	6.05	0.0	71.96	1.087	0.0	15.315	1.766	0.0	1.374	0.0	0.0	1.74	0.0	0.0	1.822	0.0	0.0	2.087	0.0
116	12163	12164	NS	1	0.0	165.651	7.524	0.0	25.65	8.74	0.0	338.425	5.037	0.0	111.607	5.718	0.0	1.436	0.0	0.0	1.832	0.0	0.0	1.912	0.0	0.0	2.194	0.0
117	12164	12165	NS	1	0.0	24.613	10.876	0.0	30.807	14.874	0.0	274.44	12.9	0.0	140.015	15.204	0.0	1.421	0.0	0.0	1.838	0.0	0.0	1.921	0.0	0.0	2.192	0.0
118	12164	12165	NS	1	0.0	25.761	7.099	0.0	25.645	8.333	0.0	355.511	4.514	0.0	126.029	5.04	0.0	1.425	0.0	0.0	1.831	0.0	0.0	1.908	0.0	0.0	2.189	0.0
119	12164	12165	SN	1	0.0	23.102	5.057	0.0	25.887	6.098	0.0	75.362	1.134	0.0	240.843	1.796	0.0	1.372	0.0	0.0	1.74	0.0	0.0	1.821	0.0	0.0	2.088	0.0
120	12164	12165	SN	1	0.0	23.102	5.061	0.0	26.726	6.129	0.0	75.362	1.135	0.0	240.843	1.91	0.0	1.372	0.0	0.0	1.742	0.0	0.0	1.821	0.0	0.0	2.092	0.0
121	12164	12165	SN	1	0.0	29.384	12.343	0.0	27.343	12.903	0.0	73.052	7.126	0.0	62.278	9.69	0.0	1.373	0.0	0.0	1.745	0.0	0.0	1.785	0.0	0.0	2.092	0.0
122	12164	12165	NS	1	0.0	24.613	10.894	0.0	30.956	14.592	0.0	279.735	12.289	0.0	147.747	14.264	0.0	1.412	0.0	0.0	1.831	0.0	0.0	1.883	0.0	0.0	2.186	0.0
123	12164	12165	SN	1	0.0	29.384	12.328	0.0	27.338	12.769	0.0	73.052	7.145	0.0	62.278	9.444	0.0	1.373	0.0	0.0	1.741	0.0	0.0	1.784	0.0	0.0	2.092	0.0
124	12164	12165	SN	1	0.0	29.389	12.338	0.0	27.343	12.749	0.0	73.03	7.16	0.0	246.474	9.444	0.0	1.389	0.0	0.0	1.741	0.0	0.0	1.785	0.0	0.0	2.092	0.0
125	12164	12165	NS	1	0.0	25.774	7.444	0.0	25.65	8.707	0.0	273.21	4.884	0.0	130.937	5.627	0.0	1.43	0.0	0.0	1.838	0.0	0.0	1.929	0.0	0.0	2.199	0.0
126	12164	12165	SN	1	0.0	23.102	5.059	0.0	25.882	6.105	0.0	75.34	1.134	0.0	137.588	1.79	0.0	1.372	0.0	0.0	1.74	0.0	0.0	1.821	0.0	0.0	2.088	0.0
127	12165	12166	SN	1	0.0	23.097	5.021	0.0	227.53	6.124	0.0	64.095	1.112	0.0	48.499	1.916	0.0	1.375	0.0	0.0	1.743	0.0	0.0	1.824	0.0	0.0	2.091	0.0
128	12165	12166	SN	1	0.0	29.439	12.355	0.0	47.57	12.631	0.0	84.561	7.208	0.0	19.909	9.284	0.0	1.38	0.0	0.0	1.743	0.0	0.0	1.783	0.0	0.0	2.087	0.0
129	12165	12166	SN	1	0.0	29.439	12.355	0.0	47.57	12.873	0.0	84.561	7.175	0.0	289.149	9.709	0.0	1.38	0.0	0.0	1.745	0.0	0.0	1.783	0.0	0.0	2.088	0.0
130	12165	12166	SN	1	0.0	29.439	12.355	0.0	47.57	12.873	0.0	84.561	7.175	0.0	289.149	9.709	0.0	1.38	0.0	0.0	1.745	0.0	0.0	1.783	0.0	0.0	2.088	0.0
131	12165	12166	SN	1	0.0	23.097	5.021	0.0	227.53	6.124	0.0	64.095	1.112	0.0	48.499	1.916	0.0	1.375	0.0	0.0	1.743	0.0	0.0	1.824	0.0	0.0	2.091	0.0
132	12165	12166	NS	1	0.0	228.983	7.495	0.0	25.65	8.747	0.0	354.59	4.955	0.0	132.399	5.706	0.0	1.449	0.0	0.0	1.831	0.0	0.0	1.909	0.0	0.0	2.193	0.0
133	12165	12166	NS	1	0.0	273.696	10.797	0.0	30.84	14.899	0.0	196.403	12.918	0.0	127.788	15.084	0.0	1.411	0.0	0.0	1.833	0.0	0.0	1.91	0.0	0.0	2.194	0.0
134	12165	12166	SN	1	0.0	23.097	5.01	0.0	227.53	6.076	0.0	64.095	1.11	0.0	14.405	1.749	0.0	1.375	0.0	0.0	1.74	0.0	0.0	1.824	0.0	0.0	2.089	0.0
135	12166	12167	SN	1	0.0	23.097	5.075	0.0	26.737	6.165	0.0	48.565	1.138	0.0	55.371	1.921	0.0	1.374	0.0	0.0	1.743	0.0	0.0	1.823	0.0	0.0	2.092	0.0
136	12166	12167	SN	1	0.0	29.566	12.432	0.0	27.371	12.855	0.0	72.522	7.154	0.0	75.597	9.694	0.0	1.381	0.0	0.0	1.746	0.0	0.0	1.784	0.0	0.0	2.09	0.0
137	12166	12167	SN	1	0.0	29.56	12.442	0.0	27.371	12.875	0.0	72.555	7.196	0.0	75.602	9.73	0.0	1.38	0.0	0.0	1.746	0.0	0.0	1.784	0.0	0.0	2.089	0.0
138	12166	12167	SN	1	0.0	23.097	5.077	0.0	23.968	6.104	0.0	48.538	1.132	0.0	32.834	1.687	0.0	1.375	0.0	0.0	1.737	0.0	0.0	1.823	0.0	0.0	2.085	0.0
139	12166	12167	NS	1	0.0	25.838	7.476	0.0	25.634	8.745	0.0	211.707	4.978	0.0	139.05	5.743	0.0	1.441	0.0	0.0	1.831	0.0	0.0	1.912	0.0	0.0	2.193	0.0
140	12166	12167	NS	1	0.0	24.613	10.828	0.0	30.856	14.939	0.0	354.766	12.925	0.0	131.312	15.085	0.0	1.413	0.0	0.0	1.833	0.0	0.0	1.908	0.0	0.0	2.193	0.0
141	12166	12167	SN	1	0.0	23.097	5.082	0.0	26.737	6.181	0.0	48.538	1.136	0.0	54.45	1.92	0.0	1.375	0.0	0.0	1.743	0.0	0.0	1.823	0.0	0.0	2.092	0.0
142	12166	12167	SN	1	0.0	29.566	12.448	0.0	27.365	12.484	0.0	72.522	7.202	0.0	75.597	9.058	0.0	1.381	0.0	0.0	1.74	0.0	0.0	1.784	0.0	0.0	2.088	0.0

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

Normal
Deviations
Alarming
High Errors

143	12166	12167	NS	1	0.0	25.805	7.49	0.0	25.65	8.751	0.0	343.367	4.98	0.0	144.322	5.726	0.0	1.446	0.0	0.0	1.831	0.0	0.0	1.911	0.0	0.0	2.193	0.0
144	12166	12167	NS	1	0.0	24.624	10.762	0.0	31.027	14.873	0.0	154.097	12.931	0.0	134.136	15.117	0.0	1.401	0.0	0.0	1.833	0.0	0.0	1.899	0.0	0.0	2.192	0.0
145	12167	12168	SN	1	0.0	29.61	12.486	0.0	27.327	12.328	0.0	82.593	7.203	0.0	223.063	8.834	0.0	1.377	0.0	0.0	1.738	0.0	0.0	1.82	0.0	0.0	2.09	0.0
146	12167	12168	SN	1	0.0	23.119	5.07	0.0	22.181	6.019	0.0	67.338	1.129	0.0	46.715	1.628	0.0	1.371	0.0	0.0	1.733	0.0	0.0	1.809	0.0	0.0	2.082	0.0
147	12167	12168	NS	1	0.0	259.252	10.853	0.0	30.983	14.833	0.0	169.6	12.873	0.0	132.415	15.202	0.0	1.399	0.0	0.0	1.833	0.0	0.0	1.906	0.0	0.0	2.19	0.0
148	12167	12168	NS	1	0.0	206.771	10.868	0.0	30.983	14.868	0.0	248.591	13.012	0.0	134.373	15.155	0.0	1.41	0.0	0.0	1.83	0.0	0.0	1.882	0.0	0.0	2.193	0.0
149	12167	12168	SN	1	0.0	29.61	12.462	0.0	27.376	12.83	0.0	82.593	7.131	0.0	223.063	9.682	0.0	1.377	0.0	0.0	1.742	0.0	0.0	1.82	0.0	0.0	2.09	0.0
150	12167	12168	SN	1	0.0	29.61	12.462	0.0	27.376	12.83	0.0	82.593	7.131	0.0	223.063	9.682	0.0	1.377	0.0	0.0	1.742	0.0	0.0	1.82	0.0	0.0	2.09	0.0
151	12167	12168	NS	1	0.0	162.659	7.487	0.0	25.645	8.739	0.0	349.588	4.983	0.0	127.419	5.733	0.0	1.447	0.0	0.0	1.832	0.0	0.0	1.91	0.0	0.0	2.194	0.0
152	12167	12168	NS	1	0.0	238.957	7.508	0.0	25.65	8.728	0.0	134.475	4.979	0.0	127.419	5.74	0.0	1.446	0.0	0.0	1.831	0.0	0.0	1.909	0.0	0.0	2.193	0.0
153	12167	12168	SN	1	0.0	23.119	5.08	0.0	26.786	6.153	0.0	67.338	1.141	0.0	50.286	1.929	0.0	1.371	0.0	0.0	1.742	0.0	0.0	1.809	0.0	0.0	2.094	0.0
154	12167	12168	SN	1	0.0	23.119	5.08	0.0	26.786	6.153	0.0	67.338	1.141	0.0	50.286	1.929	0.0	1.371	0.0	0.0	1.742	0.0	0.0	1.809	0.0	0.0	2.094	0.0
155	12168	12169	SN	1	0.0	23.091	5.081	0.0	26.77	6.153	0.0	66.257	1.161	0.0	274.54	1.929	0.0	1.369	0.0	0.0	1.742	0.0	0.0	1.824	0.0	0.0	2.094	0.0
156	12168	12169	NS	1	0.0	168.028	10.752	0.0	30.945	14.865	0.0	161.763	12.973	0.0	136.094	15.194	0.0	1.402	0.0	0.0	1.833	0.0	0.0	1.905	0.0	0.0	2.189	0.0
157	12168	12169	NS	1	0.0	149.63	10.828	0.0	30.945	14.879	0.0	350.343	12.983	0.0	142.932	15.141	0.0	1.416	0.0	0.0	1.832	0.0	0.0	1.89	0.0	0.0	2.192	0.0
158	12168	12169	SN	1	0.0	23.102	5.061	0.0	69.894	6.153	0.0	66.186	1.152	0.0	217.559	1.926	0.0	1.371	0.0	0.0	1.743	0.0	0.0	1.813	0.0	0.0	2.092	0.0
159	12168	12169	SN	1	0.0	29.522	12.437	0.0	36.86	12.24	0.0	75.054	7.248	0.0	74.097	8.532	0.0	1.376	0.0	0.0	1.736	0.0	0.0	1.819	0.0	0.0	2.09	0.0
160	12168	12169	NS	1	0.0	197.376	7.519	0.0	25.639	8.731	0.0	351.943	5.007	0.0	132.283	5.736	0.0	1.447	0.0	0.0	1.832	0.0	0.0	1.913	0.0	0.0	2.193	0.0
161	12168	12169	NS	1	0.0	121.465	7.521	0.0	25.656	8.735	0.0	339.776	5.003	0.0	145.353	5.727	0.0	1.446	0.0	0.0	1.832	0.0	0.0	1.912	0.0	0.0	2.194	0.0
162	12168	12169	SN	1	0.0	29.522	12.401	0.0	183.608	12.811	0.0	75.136	7.175	0.0	267.326	9.654	0.0	1.373	0.0	0.0	1.743	0.0	0.0	1.818	0.0	0.0	2.094	0.0
163	12168	12169	SN	1	0.0	29.522	12.411	0.0	36.86	12.831	0.0	75.054	7.168	0.0	74.097	9.668	0.0	1.377	0.0	0.0	1.743	0.0	0.0	1.819	0.0	0.0	2.092	0.0
164	12168	12169	SN	1	0.0	23.102	5.061	0.0	69.894	5.973	0.0	66.186	1.141	0.0	217.559	1.576	0.0	1.37	0.0	0.0	1.732	0.0	0.0	1.813	0.0	0.0	2.085	0.0
165	12169	12170	SN	1	0.0	23.102	5.03	0.0	168.144	6.159	0.0	71.469	1.131	0.0	50.175	1.892	0.0	1.374	0.0	0.0	1.743	0.0	0.0	1.827	0.0	0.0	2.092	0.0
166	12169	12170	SN	1	0.0	23.102	5.03	0.0	168.144	6.159	0.0	71.469	1.131	0.0	50.175	1.892	0.0	1.374	0.0	0.0	1.743	0.0	0.0	1.827	0.0	0.0	2.092	0.0
167	12169	12170	SN	1	0.0	29.4	12.293	0.0	55.131	12.168	0.0	79.923	7.301	0.0	13.898	8.186	0.0	1.37	0.0	0.0	1.733	0.0	0.0	1.784	0.0	0.0	2.086	0.0
168	12169	12170	SN	1	0.0	23.102	5.029	0.0	168.144	5.951	0.0	71.469	1.122	0.0	12.127	1.505	0.0	1.374	0.0	0.0	1.728	0.0	0.0	1.827	0.0	0.0	2.078	0.0
169	12169	12170	NS	1	0.0	152.666	7.526	0.0	25.645	8.731	0.0	154.77	5.009	0.0	123.812	5.699	0.0	1.446	0.0	0.0	1.832	0.0	0.0	1.915	0.0	0.0	2.194	0.0
170	12169	12170	NS	1	0.0	152.666	7.526	0.0	25.645	8.731	0.0	154.77	5.009	0.0	123.812	5.697	0.0	1.446	0.0	0.0	1.832	0.0	0.0	1.915	0.0	0.0	2.194	0.0
171	12169	12170	SN	1	0.0	29.4	12.265	0.0	55.131	12.882	0.0	79.923	7.18	0.0	63.908	9.612	0.0	1.37	0.0	0.0	1.745	0.0	0.0	1.784	0.0	0.0	2.093	0.0
172	12169	12170	SN	1	0.0	29.4	12.265	0.0	55.131	12.882	0.0	79.923	7.18	0.0	63.908	9.612	0.0	1.37	0.0	0.0	1.745	0.0	0.0	1.784	0.0	0.0	2.093	0.0
173	12169	12170	NS	1	0.0	152.697	10.857	0.0	30.939	14.797	0.0	181.97	13.048	0.0	147.515	15.184	0.0	1.415	0.0	0.0	1.832	0.0	0.0	1.895	0.0	0.0	2.195	0.0
174	12169	12170	NS	1	0.0	152.697	10.857	0.0	30.939	14.797	0.0	181.97	13.048	0.0	147.515	15.191	0.0	1.415	0.0	0.0	1.832	0.0	0.0	1.895	0.0	0.0	2.195	0.0
175	12170	12171	SN	1	0.0	29.555	12.226	0.0	32.481	12.911	0.0	80.166	7.173	0.0	255.673	9.631	0.0	1.369	0.0	0.0	1.748	0.0	0.0	1.786	0.0	0.0	2.092	0.0
176	12170	12171	NS	1	0.0	25.683	7.529	0.0	25.639	8.728	0.0	355.478	4.967	0.0	129.63	5.641	0.0	1.444	0.0	0.0	1.832	0.0	0.0	1.912	0.0	0.0	2.194	0.0
177	12170	12171	NS	1	0.0	25.841	7.513	0.0	25.645	8.726	0.0	354.496	4.98	0.0	145.138	5.644	0.0	1.449	0.0	0.0	1.832	0.0	0.0	1.912	0.0	0.0	2.195	0.0
178	12170	12171	NS	1	0.0	24.624	10.86	0.0	30.845	14.794	0.0	354.496	13.002	0.0	127.413	15.084	0.0	1.411	0.0	0.0	1.834	0.0	0.0	1.882	0.0	0.0	2.195	0.0
179	12170	12171	SN	1	0.0	23.113	5.014	0.0	226.286	6.151	0.0	59.121	1.127	0.0	65.32	1.904	0.0	1.373	0.0	0.0	1.743	0.0	0.0	1.827	0.0	0.0	2.094	0.0

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

Normal Deviations
Alarming High Errors

180	12170	12171	SN	1	0.0	23.113	5.009	0.0	226.275	6.154	0.0	57.626	1.134	0.0	65.325	1.902	0.0	1.373	0.0	0.0	1.742	0.0	0.0	1.827	0.0	0.0	2.093	0.0
181	12170	12171	NS	1	0.0	24.624	10.867	0.0	30.95	14.756	0.0	149.162	13.022	0.0	151.332	15.07	0.0	1.417	0.0	0.0	1.831	0.0	0.0	1.891	0.0	0.0	2.195	0.0
182	12170	12171	SN	1	0.0	29.56	12.226	0.0	32.486	12.911	0.0	80.21	7.18	0.0	66.894	9.631	0.0	1.369	0.0	0.0	1.747	0.0	0.0	1.785	0.0	0.0	2.092	0.0
183	12171	12172	NS	1	0.0	211.514	10.851	0.0	30.878	14.844	0.0	354.562	12.973	0.0	130.893	15.062	0.0	1.411	0.0	0.0	1.833	0.0	0.0	1.885	0.0	0.0	2.192	0.0
184	12171	12172	NS	1	0.0	159.629	7.483	0.0	25.645	8.736	0.0	354.562	4.967	0.0	135.702	5.637	0.0	1.446	0.0	0.0	1.832	0.0	0.0	1.91	0.0	0.0	2.194	0.0
185	12171	12172	SN	1	0.0	23.102	5.011	0.0	26.742	6.13	0.0	62.998	1.145	0.0	49.039	1.897	0.0	1.371	0.0	0.0	1.743	0.0	0.0	1.806	0.0	0.0	2.091	0.0
186	12171	12172	NS	1	0.0	211.514	10.861	0.0	30.878	14.844	0.0	354.562	12.973	0.0	130.893	15.062	0.0	1.411	0.0	0.0	1.833	0.0	0.0	1.885	0.0	0.0	2.192	0.0
187	12171	12172	SN	1	0.0	29.423	12.257	0.0	27.371	12.885	0.0	83.536	7.147	0.0	63.919	9.664	0.0	1.38	0.0	0.0	1.744	0.0	0.0	1.783	0.0	0.0	2.087	0.0
188	12171	12172	NS	1	0.0	159.629	7.483	0.0	25.645	8.736	0.0	354.562	4.967	0.0	135.702	5.637	0.0	1.446	0.0	0.0	1.832	0.0	0.0	1.91	0.0	0.0	2.194	0.0
189	12171	12172	SN	1	0.0	29.571	12.256	0.0	27.371	12.835	0.0	83.547	7.155	0.0	63.919	9.644	0.0	1.386	0.0	0.0	1.744	0.0	0.0	1.782	0.0	0.0	2.092	0.0
190	12171	12172	SN	1	0.0	23.102	5.013	0.0	26.742	6.117	0.0	63.014	1.144	0.0	49.039	1.89	0.0	1.371	0.0	0.0	1.743	0.0	0.0	1.806	0.0	0.0	2.091	0.0
191	12172	12173	NS	1	0.0	80.07	10.843	0.0	123.779	14.941	0.0	153.634	12.989	0.0	157.321	15.288	0.0	1.419	0.0	0.0	1.833	0.0	0.0	1.897	0.0	0.0	2.191	0.0
192	12172	12173	NS	1	0.0	80.07	10.843	0.0	123.779	14.941	0.0	153.634	12.989	0.0	157.321	15.288	0.0	1.419	0.0	0.0	1.833	0.0	0.0	1.897	0.0	0.0	2.191	0.0
193	12172	12173	SN	1	0.0	23.808	5.037	0.0	237.297	6.137	0.0	120.227	1.098	0.0	51.301	1.877	0.0	1.371	0.0	0.0	1.744	0.0	0.0	1.828	0.0	0.0	2.092	0.0
194	12172	12173	SN	1	0.0	29.632	12.215	0.0	155.487	12.791	0.0	79.206	7.015	0.0	54.334	9.539	0.0	1.376	0.0	0.0	1.743	0.0	0.0	1.82	0.0	0.0	2.093	0.0
195	12172	12173	SN	1	0.0	29.726	12.215	0.0	155.482	12.801	0.0	79.24	7.015	0.0	54.323	9.511	0.0	1.376	0.0	0.0	1.743	0.0	0.0	1.82	0.0	0.0	2.093	0.0
196	12172	12173	SN	1	0.0	23.808	5.026	0.0	237.302	6.137	0.0	120.277	1.096	0.0	53.573	1.87	0.0	1.371	0.0	0.0	1.744	0.0	0.0	1.828	0.0	0.0	2.092	0.0
197	12172	12173	NS	1	0.0	74.891	7.527	0.0	127.567	8.756	0.0	141.385	5.006	0.0	157.288	5.74	0.0	1.438	0.0	0.0	1.832	0.0	0.0	1.911	0.0	0.0	2.194	0.0
198	12172	12173	NS	1	0.0	74.891	7.527	0.0	127.567	8.756	0.0	141.385	5.006	0.0	157.288	5.74	0.0	1.438	0.0	0.0	1.832	0.0	0.0	1.911	0.0	0.0	2.194	0.0
199	12172	12173	NS	1	0.0	80.07	10.843	0.0	123.779	14.941	0.0	153.634	12.989	0.0	157.321	15.288	0.0	1.419	0.0	0.0	1.833	0.0	0.0	1.897	0.0	0.0	2.191	0.0
200	12172	12173	NS	1	0.0	74.891	7.527	0.0	127.567	8.756	0.0	141.385	5.006	0.0	157.288	5.74	0.0	1.438	0.0	0.0	1.832	0.0	0.0	1.911	0.0	0.0	2.194	0.0
201	12173	12174	SN	1	0.0	23.102	5.043	0.0	88.612	6.127	0.0	68.855	1.115	0.0	266.281	1.882	0.0	1.371	0.0	0.0	1.745	0.0	0.0	1.827	0.0	0.0	2.093	0.0
202	12173	12174	NS	1	0.0	155.005	7.645	0.0	25.65	8.781	0.0	158.013	5.112	0.0	16.738	5.648	0.0	1.435	0.0	0.0	1.832	0.0	0.0	1.912	0.0	0.0	2.194	0.0
203	12173	12174	NS	1	0.0	155.005	7.544	0.0	25.65	8.729	0.0	158.013	5.014	0.0	116.366	5.693	0.0	1.435	0.0	0.0	1.832	0.0	0.0	1.912	0.0	0.0	2.194	0.0
204	12173	12174	NS	1	0.0	155.005	7.544	0.0	25.65	8.729	0.0	158.013	5.014	0.0	116.366	5.693	0.0	1.435	0.0	0.0	1.832	0.0	0.0	1.912	0.0	0.0	2.194	0.0
205	12173	12174	SN	1	0.0	29.704	12.233	0.0	27.376	12.725	0.0	76.328	7.063	0.0	171.1	9.562	0.0	1.376	0.0	0.0	1.743	0.0	0.0	1.82	0.0	0.0	2.094	0.0
206	12173	12174	SN	1	0.0	29.704	12.233	0.0	27.376	12.725	0.0	76.328	7.063	0.0	171.1	9.562	0.0	1.376	0.0	0.0	1.743	0.0	0.0	1.82	0.0	0.0	2.094	0.0
207	12173	12174	NS	1	0.0	206.214	10.888	0.0	28.832	14.533	0.0	168.161	13.309	0.0	16.92	14.989	0.0	1.408	0.0	0.0	1.834	0.0	0.0	1.895	0.0	0.0	2.192	0.0
208	12173	12174	NS	1	0.0	206.214	10.883	0.0	31.049	14.805	0.0	168.161	13.101	0.0	134.621	15.237	0.0	1.408	0.0	0.0	1.834	0.0	0.0	1.895	0.0	0.0	2.192	0.0
209	12173	12174	NS	1	0.0	206.214	10.873	0.0	31.055	14.805	0.0	168.161	13.101	0.0	134.621	15.237	0.0	1.408	0.0	0.0	1.834	0.0	0.0	1.895	0.0	0.0	2.192	0.0
210	12173	12174	SN	1	0.0	23.097	5.043	0.0	26.737	6.155	0.0	68.938	1.128	0.0	125.927	1.892	0.0	1.37	0.0	0.0	1.744	0.0	0.0	1.826	0.0	0.0	2.092	0.0
211	12173	12174	NS	1	0.0	53.247	7.527	0.0	25.65	8.734	0.0	247.646	5.011	0.0	116.284	5.699	0.0	1.43	0.0	0.0	1.832	0.0	0.0	1.911	0.0	0.0	2.194	0.0
212	12173	12174	SN	1	0.0	28.226	12.216	0.0	27.371	12.796	0.0	76.416	7.099	0.0	263.377	9.622	0.0	1.372	0.0	0.0	1.743	0.0	0.0	1.819	0.0	0.0	2.093	0.0
213	12173	12174	NS	1	0.0	70.203	10.863	0.0	31.044	14.832	0.0	168.21	13.089	0.0	134.588	15.237	0.0	1.419	0.0	0.0	1.833	0.0	0.0	1.895	0.0	0.0	2.192	0.0
214	12173	12174	SN	1	0.0	23.102	5.043	0.0	88.612	6.127	0.0	68.855	1.115	0.0	266.281	1.882	0.0	1.371	0.0	0.0	1.745	0.0	0.0	1.827	0.0	0.0	2.093	0.0
215	12174	12175	NS	1	0.0	251.958	7.769	0.0	25.645	8.948	0.0	242.186	5.261	0.0	16.744	5.799	0.0	1.443	0.0	0.0	1.833	0.0	0.0	1.912	0.0	0.0	2.195	0.0
216	12174	12175	SN	1	0.0	29.665	12.244	0.0	27.371	12.748	0.0	75.467	7.173	0.0	43.271	9.626	0.0	1.371	0.0	0.0	1.742	0.0	0.0	1.82	0.0	0.0	2.096	0.0

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

Normal
Deviations
Alarming
High Errors

217	12174	12175	NS	1	0.0	167.168	7.534	0.0	25.65	8.742	0.0	339.981	5.005	0.0	130.402	5.701	0.0	1.426	0.0	0.0	1.833	0.0	0.0	1.913	0.0	0.0	2.195	0.0
218	12174	12175	NS	1	0.0	167.168	7.534	0.0	25.65	8.742	0.0	339.981	5.003	0.0	130.402	5.701	0.0	1.426	0.0	0.0	1.833	0.0	0.0	1.913	0.0	0.0	2.195	0.0
219	12174	12175	SN	1	0.0	23.097	5.066	0.0	26.698	6.146	0.0	60.56	1.136	0.0	63.836	1.922	0.0	1.372	0.0	0.0	1.745	0.0	0.0	1.827	0.0	0.0	2.093	0.0
220	12174	12175	NS	1	0.0	167.168	7.808	0.0	25.65	8.929	0.0	339.981	5.269	0.0	16.744	5.783	0.0	1.426	0.0	0.0	1.833	0.0	0.0	1.913	0.0	0.0	2.195	0.0
221	12174	12175	SN	1	0.0	23.097	5.059	0.0	26.698	6.143	0.0	60.566	1.138	0.0	63.836	1.919	0.0	1.372	0.0	0.0	1.745	0.0	0.0	1.827	0.0	0.0	2.092	0.0
222	12174	12175	SN	1	0.0	29.671	12.255	0.0	27.371	12.748	0.0	75.467	7.173	0.0	43.271	9.633	0.0	1.37	0.0	0.0	1.742	0.0	0.0	1.82	0.0	0.0	2.096	0.0
223	12174	12175	NS	1	0.0	253.265	10.809	0.0	31.022	14.725	0.0	162.455	13.31	0.0	144.912	15.234	0.0	1.416	0.0	0.0	1.831	0.0	0.0	1.896	0.0	0.0	2.194	0.0
224	12174	12175	NS	1	0.0	251.958	7.508	0.0	25.645	8.767	0.0	242.186	5.003	0.0	130.413	5.72	0.0	1.443	0.0	0.0	1.833	0.0	0.0	1.912	0.0	0.0	2.195	0.0
225	12174	12175	NS	1	0.0	253.265	10.914	0.0	28.866	14.238	0.0	140.117	13.858	0.0	16.771	14.83	0.0	1.416	0.0	0.0	1.831	0.0	0.0	1.896	0.0	0.0	2.194	0.0
226	12174	12175	NS	1	0.0	152.666	10.867	0.0	31.016	14.708	0.0	347.713	13.303	0.0	144.901	15.183	0.0	1.405	0.0	0.0	1.832	0.0	0.0	1.897	0.0	0.0	2.195	0.0
227	12174	12175	NS	1	0.0	152.666	10.971	0.0	28.866	14.225	0.0	347.713	13.881	0.0	16.777	14.773	0.0	1.405	0.0	0.0	1.832	0.0	0.0	1.897	0.0	0.0	2.195	0.0
228	12174	12175	NS	1	0.0	152.666	10.867	0.0	31.016	14.708	0.0	347.713	13.303	0.0	144.901	15.183	0.0	1.405	0.0	0.0	1.832	0.0	0.0	1.897	0.0	0.0	2.195	0.0
229	12175	12176	NS	1	0.0	25.681	8.034	0.0	25.65	9.058	0.0	189.256	5.497	0.0	16.749	5.956	0.0	1.418	0.0	0.0	1.833	0.0	0.0	1.915	0.0	0.0	2.195	0.0
230	12175	12176	NS	1	0.0	25.681	7.55	0.0	25.65	8.689	0.0	241.918	4.976	0.0	128.985	5.612	0.0	1.418	0.0	0.0	1.833	0.0	0.0	1.915	0.0	0.0	2.195	0.0
231	12175	12176	NS	1	0.0	25.681	7.552	0.0	25.65	8.692	0.0	241.918	4.976	0.0	128.963	5.612	0.0	1.418	0.0	0.0	1.833	0.0	0.0	1.915	0.0	0.0	2.195	0.0
232	12175	12176	SN	1	0.0	23.091	5.064	0.0	26.654	6.149	0.0	69.274	1.145	0.0	48.378	1.929	0.0	1.375	0.0	0.0	1.744	0.0	0.0	1.829	0.0	0.0	2.096	0.0
233	12175	12176	SN	1	0.0	29.544	12.222	0.0	35.315	12.884	0.0	72.252	7.151	0.0	64.068	9.668	0.0	1.377	0.0	0.0	1.749	0.0	0.0	1.797	0.0	0.0	2.093	0.0
234	12175	12176	NS	1	0.0	24.619	10.74	0.0	31.0	14.673	0.0	187.386	13.23	0.0	181.206	15.084	0.0	1.402	0.0	0.0	1.834	0.0	0.0	1.898	0.0	0.0	2.195	0.0
235	12175	12176	SN	1	0.0	23.091	5.057	0.0	123.23	6.123	0.0	69.246	1.145	0.0	47.752	1.923	0.0	1.375	0.0	0.0	1.745	0.0	0.0	1.829	0.0	0.0	2.096	0.0
236	12175	12176	SN	1	0.0	23.091	5.057	0.0	123.23	6.123	0.0	69.246	1.145	0.0	47.752	1.923	0.0	1.375	0.0	0.0	1.745	0.0	0.0	1.829	0.0	0.0	2.096	0.0
237	12175	12176	NS	1	0.0	25.675	7.559	0.0	25.65	8.687	0.0	189.261	4.977	0.0	164.694	5.614	0.0	1.426	0.0	0.0	1.833	0.0	0.0	1.915	0.0	0.0	2.195	0.0
238	12175	12176	NS	1	0.0	24.619	10.749	0.0	31.005	14.673	0.0	242.983	13.23	0.0	181.223	15.077	0.0	1.402	0.0	0.0	1.834	0.0	0.0	1.898	0.0	0.0	2.195	0.0
239	12175	12176	NS	1	0.0	24.619	10.749	0.0	31.0	14.673	0.0	242.983	13.223	0.0	181.195	15.084	0.0	1.402	0.0	0.0	1.834	0.0	0.0	1.898	0.0	0.0	2.195	0.0
240	12175	12176	SN	1	0.0	29.544	12.211	0.0	238.659	12.878	0.0	72.224	7.159	0.0	64.084	9.605	0.0	1.368	0.0	0.0	1.749	0.0	0.0	1.797	0.0	0.0	2.093	0.0
241	12175	12176	SN	1	0.0	29.544	12.211	0.0	238.659	12.878	0.0	72.224	7.159	0.0	64.084	9.605	0.0	1.368	0.0	0.0	1.749	0.0	0.0	1.797	0.0	0.0	2.093	0.0
242	12175	12176	NS	1	0.0	24.619	11.003	0.0	28.86	14.046	0.0	187.375	14.439	0.0	16.771	14.601	0.0	1.402	0.0	0.0	1.834	0.0	0.0	1.898	0.0	0.0	2.195	0.0
243	12176	12177	SN	1	0.0	30.432	12.11	0.0	27.376	12.815	0.0	85.107	7.063	0.0	266.598	9.588	0.0	1.383	0.0	0.0	1.746	0.0	0.0	1.784	0.0	0.0	2.093	0.0
244	12176	12177	NS	1	0.0	25.711	10.867	0.0	33.222	14.63	0.0	354.419	13.311	0.0	171.561	15.111	0.0	1.394	0.0	0.0	1.835	0.0	0.0	1.886	0.0	0.0	2.192	0.0
245	12176	12177	NS	1	0.0	25.711	10.867	0.0	33.222	14.62	0.0	354.419	13.311	0.0	171.561	15.111	0.0	1.394	0.0	0.0	1.835	0.0	0.0	1.886	0.0	0.0	2.192	0.0
246	12176	12177	NS	1	0.0	24.613	10.822	0.0	30.989	14.622	0.0	358.461	13.286	0.0	72.208	15.172	0.0	1.406	0.0	0.0	1.834	0.0	0.0	1.898	0.0	0.0	2.195	0.0
247	12176	12177	NS	1	0.0	25.741	7.572	0.0	25.656	8.707	0.0	354.419	5.021	0.0	104.063	5.69	0.0	1.445	0.0	0.0	1.834	0.0	0.0	1.919	0.0	0.0	2.196	0.0
248	12176	12177	NS	1	0.0	25.741	8.345	0.0	25.656	9.269	0.0	354.419	5.903	0.0	16.744	6.436	0.0	1.445	0.0	0.0	1.834	0.0	0.0	1.919	0.0	0.0	2.196	0.0
249	12176	12177	SN	1	0.0	23.102	5.015	0.0	151.497	6.101	0.0	63.478	1.12	0.0	47.881	1.887	0.0	1.373	0.0	0.0	1.745	0.0	0.0	1.81	0.0	0.0	2.094	0.0
250	12176	12177	SN	1	0.0	30.432	12.1	0.0	27.376	12.815	0.0	85.107	7.07	0.0	266.598	9.588	0.0	1.383	0.0	0.0	1.746	0.0	0.0	1.783	0.0	0.0	2.093	0.0
251	12176	12177	NS	1	0.0	25.747	7.574	0.0	25.656	8.707	0.0	354.419	5.023	0.0	104.063	5.688	0.0	1.445	0.0	0.0	1.834	0.0	0.0	1.918	0.0	0.0	2.196	0.0
252	12176	12177	SN	1	0.0	30.432	12.1	0.0	27.376	12.815	0.0	85.107	7.063	0.0	266.598	9.588	0.0	1.383	0.0	0.0	1.746	0.0	0.0	1.783	0.0	0.0	2.093	0.0
253	12176	12177	SN	1	0.0	23.102	5.019	0.0	151.497	6.099	0.0	63.478	1.12	0.0	47.881	1.887	0.0	1.373	0.0	0.0	1.745	0.0	0.0	1.81	0.0	0.0	2.093	0.0

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

Normal Deviations
Alarming High Errors

254	12176	12177	SN	1	0.0	23.102	5.028	0.0	151.497	5.888	0.0	63.478	1.11	0.0	12.144	1.509	0.0	1.373	0.0	0.0	1.729	0.0	0.0	1.81	0.0	0.0	2.081	0.0
255	12176	12177	SN	1	0.0	30.432	12.11	0.0	25.716	12.223	0.0	85.107	7.164	0.0	266.598	8.362	0.0	1.383	0.0	0.0	1.735	0.0	0.0	1.779	0.0	0.0	2.082	0.0
256	12176	12177	SN	1	0.0	30.432	12.1	0.0	27.376	12.815	0.0	85.107	7.063	0.0	266.598	9.588	0.0	1.383	0.0	0.0	1.746	0.0	0.0	1.783	0.0	0.0	2.093	0.0
257	12176	12177	NS	1	0.0	25.711	11.303	0.0	28.86	13.946	0.0	354.419	15.404	0.0	16.777	14.902	0.0	1.394	0.0	0.0	1.835	0.0	0.0	1.886	0.0	0.0	2.192	0.0
258	12176	12177	NS	1	0.0	25.501	7.574	0.0	25.656	8.746	0.0	354.419	5.034	0.0	131.031	5.704	0.0	1.444	0.0	0.0	1.833	0.0	0.0	1.918	0.0	0.0	2.195	0.0
259	12176	12177	SN	1	0.0	23.102	5.011	0.0	151.497	5.91	0.0	63.478	1.112	0.0	12.188	1.535	0.0	1.373	0.0	0.0	1.733	0.0	0.0	1.81	0.0	0.0	2.081	0.0
260	12176	12177	SN	1	0.0	23.102	5.015	0.0	151.497	6.101	0.0	63.478	1.12	0.0	47.881	1.887	0.0	1.373	0.0	0.0	1.745	0.0	0.0	1.81	0.0	0.0	2.094	0.0
261	12176	12177	SN	1	0.0	30.432	12.112	0.0	25.551	12.139	0.0	85.107	7.188	0.0	266.598	8.151	0.0	1.383	0.0	0.0	1.731	0.0	0.0	1.779	0.0	0.0	2.082	0.0
262	12176	12177	SN	1	0.0	23.102	5.015	0.0	151.497	6.101	0.0	63.478	1.122	0.0	47.881	1.887	0.0	1.373	0.0	0.0	1.745	0.0	0.0	1.81	0.0	0.0	2.094	0.0

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

Normal
Alarming
Deviations
High Errors