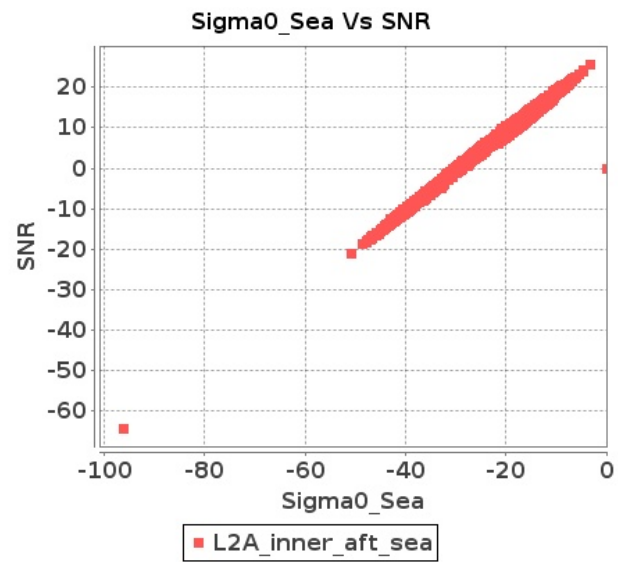


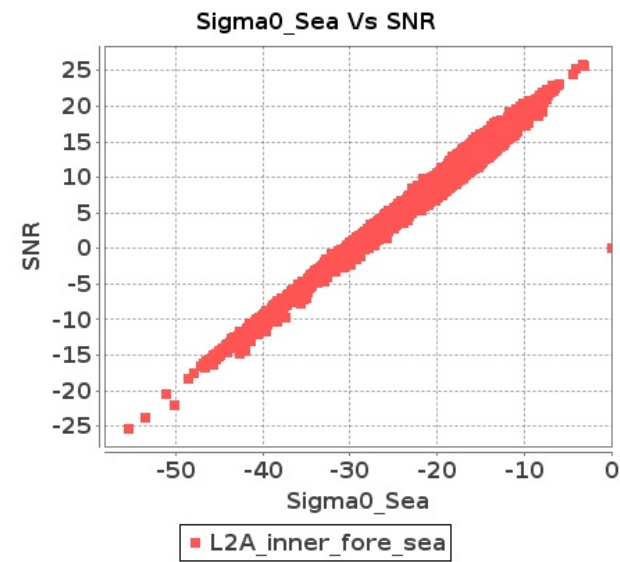
SCATSAT-1 Scatterometer Level-2A Data Quality Cycle wise Report

Report between 29-JUL-2019 To 30-JUL-2019

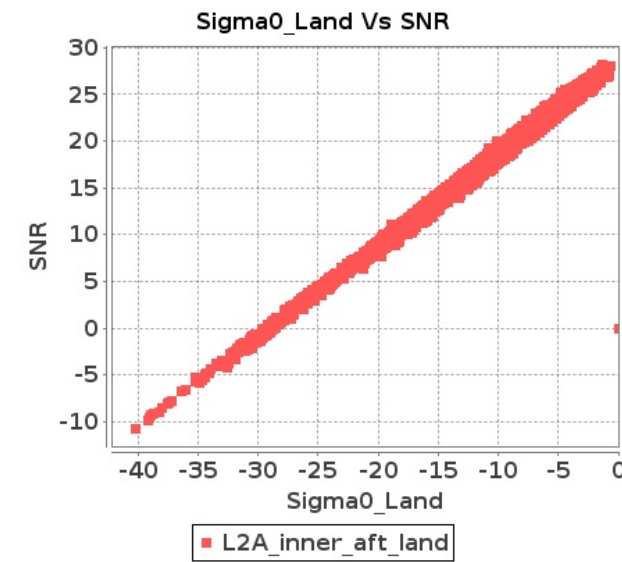
Inner Sea Aft Sigma0VsSNR



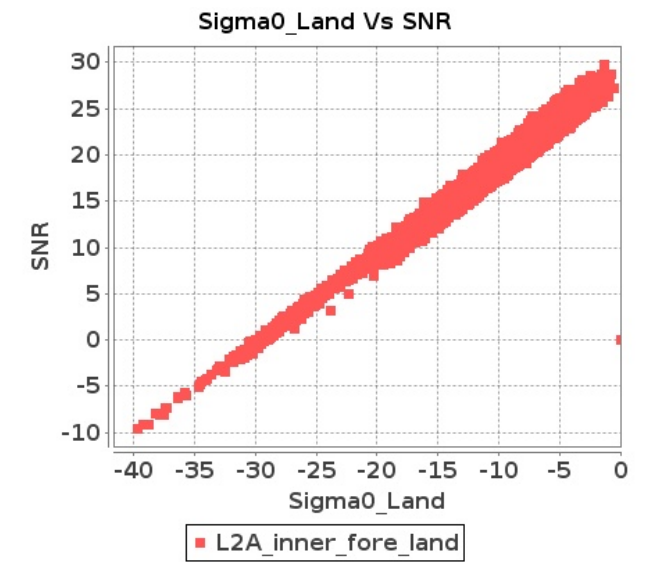
Inner Sea Fore Sigma0VsSNR



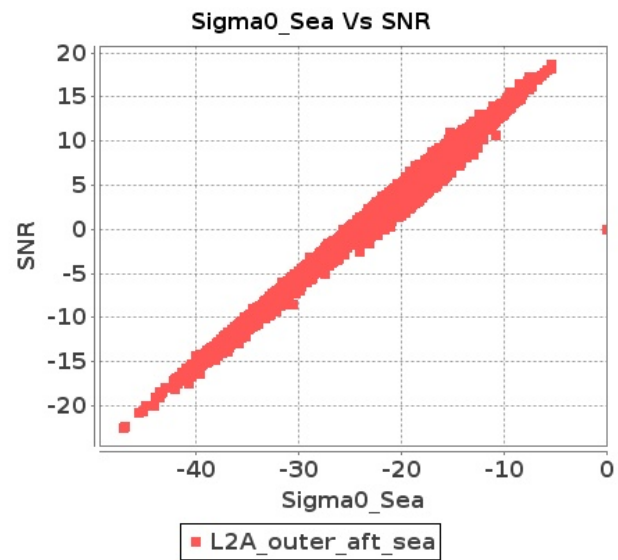
Inner Land Aft Sigma0VsSNR



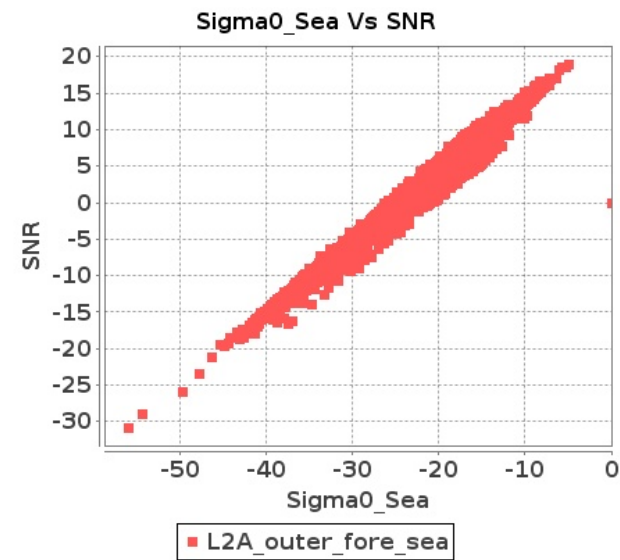
Inner Land Fore Sigma0VsSNR



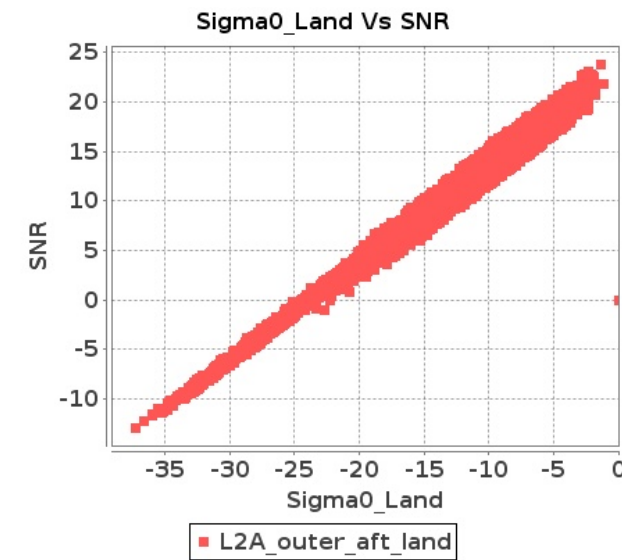
Outer Sea Aft Sigma0VsSNR



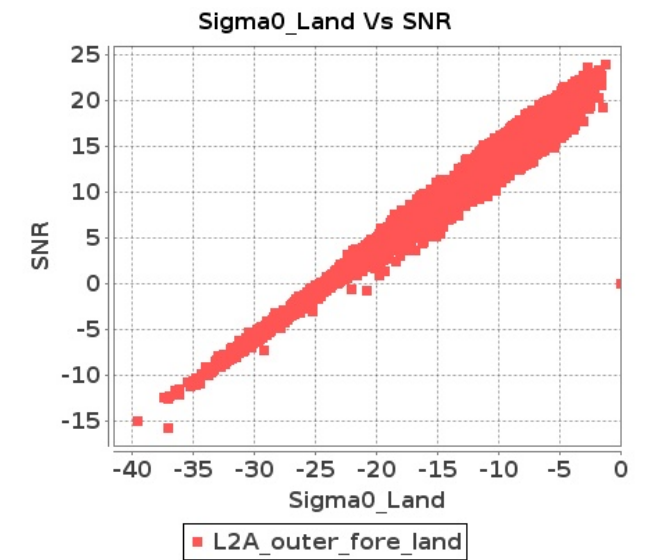
Outer Sea Fore Sigma0VsSNR



Outer Land Aft Sigma0VsSNR



Outer Land Fore Sigma0VsSNR



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

Report between 29-JUL-2019 To 30-JUL-2019

Sr No	Start Orbit	End Orbit	Dir.	Ver.	SNR												Sigma0											
					Inner Aft			Inner Fore			Outer Aft			Outer Fore			Inner Aft			Inner Fore			Outer Aft			Outer Fore		
					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	15019	15020	SN	1	0.0	43.206	1.374	0.0	48.191	1.741	0.0	41.823	1.131	0.0	46.381	1.535	0.0	44.348	1.406	0.0	44.993	1.626	0.0	41.759	1.078	0.0	45.903	1.332
2	15019	15020	SN	1	0.0	46.187	5.738	0.0	52.344	6.545	0.0	46.582	4.451	0.0	46.623	5.448	0.0	45.775	5.79	0.0	49.894	6.025	0.0	46.218	4.277	0.0	46.403	4.705
3	15019	15020	SN	1	0.0	43.206	1.372	0.0	48.191	1.764	0.0	41.823	1.127	0.0	46.381	1.54	0.0	44.348	1.407	0.0	44.993	1.641	0.0	41.759	1.071	0.0	45.903	1.344
4	15019	15020	NS	1	0.0	56.011	8.474	0.0	55.342	9.39	0.0	46.808	6.781	0.0	47.157	7.516	0.0	57.339	8.555	0.0	56.281	8.741	0.0	47.791	6.568	0.0	48.47	6.685
5	15019	15020	SN	1	0.0	46.187	5.748	0.0	52.344	6.524	0.0	46.582	4.56	0.0	46.623	5.45	0.0	46.008	5.829	0.0	49.894	6.025	0.0	46.218	4.368	0.0	46.403	4.686
6	15019	15020	NS	1	0.0	49.066	2.237	0.0	51.693	2.68	0.0	45.103	1.949	0.0	46.393	2.366	0.0	50.488	2.201	0.0	48.828	2.452	0.0	42.479	1.885	0.0	45.799	2.019
7	15020	15021	NS	1	0.0	43.797	0.799	0.0	41.789	1.14	0.0	38.267	0.97	0.0	40.459	1.113	0.0	45.285	0.806	0.0	43.349	1.02	0.0	38.868	0.904	0.0	35.418	0.985
8	15020	15021	NS	1	0.0	49.807	3.071	0.0	58.412	3.61	0.0	46.34	3.0	0.0	45.977	3.73	0.0	52.511	3.051	0.0	59.661	3.437	0.0	44.946	2.836	0.0	46.304	3.197
9	15020	15021	SN	1	0.0	45.058	4.28	0.0	51.792	5.059	0.0	45.516	3.354	0.0	39.509	4.483	0.0	43.83	4.342	0.0	50.831	4.987	0.0	45.099	3.325	0.0	40.617	4.18
10	15020	15021	SN	1	0.0	45.058	4.327	0.0	47.807	5.1	0.0	45.688	3.378	0.0	39.498	4.512	0.0	43.83	4.378	0.0	47.171	4.987	0.0	45.145	3.335	0.0	40.605	4.173
11	15020	15021	NS	1	0.0	45.392	0.824	0.0	44.56	1.157	0.0	44.953	0.933	0.0	45.076	1.22	0.0	44.482	0.824	0.0	43.511	1.092	0.0	43.039	0.865	0.0	42.549	0.979
12	15020	15021	SN	1	0.0	39.435	1.118	0.0	49.601	1.476	0.0	40.94	1.085	0.0	39.397	1.47	0.0	40.308	1.134	0.0	47.592	1.444	0.0	43.235	1.101	0.0	40.817	1.353
13	15020	15021	SN	1	0.0	38.769	1.112	0.0	49.601	1.478	0.0	40.94	1.1	0.0	39.397	1.477	0.0	38.287	1.135	0.0	47.592	1.446	0.0	43.233	1.121	0.0	40.83	1.355
14	15020	15021	NS	1	0.0	46.831	2.939	0.0	44.323	3.52	0.0	47.08	3.055	0.0	49.408	3.305	0.0	49.661	2.929	0.0	44.933	3.266	0.0	45.466	2.864	0.0	45.547	2.935
15	15021	15022	SN	1	0.0	48.706	4.673	0.0	40.875	5.161	0.0	44.953	4.225	0.0	41.769	5.164	0.0	50.03	4.764	0.0	42.561	4.825	0.0	42.074	4.402	0.0	40.214	4.679
16	15021	15022	NS	1	0.0	46.11	2.98	0.0	47.747	3.429	0.0	38.098	3.297	0.0	38.296	3.866	0.0	46.032	2.97	0.0	46.33	3.246	0.0	38.47	3.205	0.0	34.74	3.482
17	15021	15022	SN	1	0.0	39.583	1.11	0.0	42.45	1.398	0.0	38.786	1.323	0.0	38.315	1.627	0.0	39.961	1.112	0.0	39.269	1.287	0.0	38.091	1.221	0.0	37.96	1.401
18	15021	15022	NS	1	0.0	41.88	0.851	0.0	37.849	1.09	0.0	39.357	1.057	0.0	39.237	1.265	0.0	41.942	0.869	0.0	34.975	0.968	0.0	36.932	0.994	0.0	41.364	1.184
19	15022	15023	NS	1	0.0	47.159	0.938	0.0	45.276	1.3	0.0	46.738	0.895	0.0	42.922	1.101	0.0	46.147	0.934	0.0	43.505	1.196	0.0	48.822	0.822	0.0	38.733	0.947
20	15022	15023	NS	1	0.0	48.268	4.073	0.0	52.566	5.125	0.0	40.152	3.274	0.0	41.008	3.832	0.0	48.077	4.124	0.0	50.385	4.75	0.0	42.328	3.182	0.0	43.317	3.399
21	15022	15023	SN	1	0.0	45.657	3.922	0.0	42.219	5.66	0.0	44.804	4.161	0.0	41.879	5.463	0.0	47.163	3.871	0.0	42.138	5.416	0.0	46.128	4.182	0.0	38.512	5.157
22	15022	15023	SN	1	0.0	46.572	1.176	0.0	41.701	1.701	0.0	40.296	1.419	0.0	39.795	1.897	0.0	44.919	1.207	0.0	40.071	1.57	0.0	41.969	1.362	0.0	36.879	1.682
23	15023	15024	SN	1	0.0	38.969	1.142	0.0	50.961	1.785	0.0	41.984	1.422	0.0	45.103	2.136	0.0	39.821	1.12	0.0	52.635	1.588	0.0	39.491	1.349	0.0	43.11	1.864
24	15023	15024	NS	1	0.0	42.621	1.065	0.0	41.501	1.257	0.0	44.301	1.04	0.0	39.602	1.329	0.0	42.761	1.049	0.0	43.291	1.196	0.0	41.542	0.961	0.0	40.194	1.205
25	15023	15024	SN	1	0.0	48.215	4.918	0.056	49.393	6.721	0.0	43.076	4.561	0.0	44.417	5.879	0.0	49.019	5.019	0.031	47.92	6.222	0.0	43.146	4.603	0.0	41.903	5.536
26	15023	15024	NS	1	0.0	48.751	3.791	0.0	48.019	4.374	0.0	48.74	3.382	0.0	45.618	4.344	0.0	49.388	3.791	0.0	49.592	4.181	0.0	48.055	3.417	0.0	47.592	3.946
27	15024	15025	SN	1	0.0	48.3	7.818	0.303	49.959	12.057	0.0	50.264	6.557	0.0	47.855	9.103	0.0	49.737	7.777	0.322	50.474	11.538	0.0	49.089	6.685	0.0	49.516	8.504
28	15024	15025	SN	1	0.0	48.183	7.879	0.302	58.051	12.22	0.0	47.971	6.365	0.0	48.647	9.31	0.0	48.33	7.858	0.325	58.693	11.752	0.0	49.148	6.508	0.0	50.308	8.739
29	15024	15025	SN	1	0.0	44.95	2.264	0.0	46.583	3.523	0.0	44.843	1.971	0.0	40.915	2.855	0.0	44.385	2.26	0.0	48.218	3.276	0.0	43.188	1.973	0.0	45.006	2.694
30	15024	15025	NS	1	0.0	47.989	1.471	0.0	47.29	1.839	0.0	45.915	1.334	0.0	42.188	1.816	0.0	49.511	1.462	0.0	46.233	1.742	0.0	43.239	1.238	0.0	41.913	1.589
31	15024	15025	NS	1	0.0	50.666	4.701	0.0	53.724	5.598	0.0	47.957	4.438	0.0	47.324	5.904	0.0	49.775	4.802	0.0	54.507	5.294	0.0	44.089	4.402	0.0	47.026	5.286

Parameter Specifications	Parameters	SNR	Sigma0	■ Normal	■ Deviations
	Range	20.0	20.0	■ Alarming	■ High Errors

32	15024	15025	SN	1	0.0	44.957	2.19	0.0	45.299	3.561	0.0	41.984	2.021	0.0	40.811	2.905	0.0	45.653	2.183	0.0	46.171	3.319	0.0	43.591	1.964	0.0	42.172	2.722
33	15024	15025	NS	1	0.0	47.989	1.471	0.0	47.29	1.839	0.0	45.915	1.334	0.0	42.188	1.816	0.0	49.511	1.462	0.0	46.233	1.742	0.0	43.239	1.238	0.0	41.913	1.589
34	15025	15026	NS	1	0.0	47.071	1.219	0.0	49.346	1.728	0.0	39.614	1.383	0.0	41.053	1.718	0.0	46.244	1.226	0.0	45.728	1.609	0.0	37.386	1.317	0.0	43.367	1.52
35	15025	15026	NS	1	0.0	44.529	1.233	0.0	50.856	1.753	0.0	37.742	1.406	0.0	40.276	1.787	0.0	44.877	1.219	0.0	51.087	1.629	0.0	37.418	1.353	0.0	40.67	1.594
36	15025	15026	SN	1	0.0	51.082	5.012	0.0	50.514	6.68	0.0	47.991	4.123	0.0	48.929	4.669	0.0	51.771	4.969	0.0	49.184	6.244	0.0	45.854	3.929	0.0	49.137	4.102
37	15025	15026	NS	1	0.0	49.533	4.065	0.0	47.259	5.171	0.0	45.219	4.506	0.0	42.529	5.115	0.0	50.111	3.994	0.0	47.605	4.898	0.0	47.606	4.378	0.0	43.178	4.795
38	15025	15026	SN	1	0.0	43.33	1.236	0.0	46.662	1.81	0.0	41.814	1.24	0.0	47.352	1.428	0.0	43.353	1.26	0.0	47.867	1.628	0.0	43.481	1.162	0.0	46.204	1.179
39	15025	15026	SN	1	0.0	51.082	5.099	0.0	50.514	6.798	0.0	47.991	4.084	0.0	48.925	4.743	0.0	51.771	5.089	0.0	49.184	6.33	0.0	45.854	3.842	0.0	49.137	4.151
40	15025	15026	SN	1	0.0	43.33	1.241	0.0	46.662	1.805	0.0	41.814	1.228	0.0	45.986	1.417	0.0	43.353	1.264	0.0	47.867	1.624	0.0	43.481	1.152	0.0	46.218	1.156
41	15025	15026	SN	1	0.0	51.082	5.099	0.0	50.514	6.798	0.0	47.991	4.084	0.0	48.925	4.743	0.0	51.771	5.089	0.0	49.184	6.33	0.0	45.854	3.842	0.0	49.137	4.151
42	15025	15026	SN	1	0.0	43.33	1.241	0.0	46.662	1.805	0.0	41.814	1.228	0.0	45.986	1.417	0.0	43.353	1.264	0.0	47.867	1.624	0.0	43.481	1.152	0.0	46.218	1.156
43	15025	15026	NS	1	0.0	51.023	4.116	0.0	51.421	5.131	0.0	41.661	4.378	0.0	43.005	5.101	0.0	51.601	4.075	0.0	50.579	4.898	0.0	41.676	4.314	0.0	42.002	4.774
44	15026	15027	NS	1	0.0	46.246	1.662	0.0	41.37	2.127	0.0	38.704	1.725	0.0	47.98	2.597	0.0	48.04	1.678	0.0	42.571	2.062	0.0	40.871	1.729	0.0	42.919	2.389
45	15026	15027	SN	1	0.0	50.282	3.408	0.0	47.555	4.692	0.0	48.024	3.127	0.0	41.931	3.93	0.0	51.365	3.347	0.0	49.372	4.223	0.0	46.789	2.956	0.0	39.194	3.674
46	15026	15027	SN	1	0.0	50.282	3.408	0.0	47.555	4.692	0.0	48.024	3.127	0.0	41.931	3.93	0.0	51.365	3.347	0.0	49.372	4.223	0.0	46.789	2.956	0.0	39.194	3.674
47	15026	15027	SN	1	0.0	50.282	3.341	0.0	47.555	4.022	0.0	48.024	3.182	0.0	41.931	3.464	0.0	51.365	3.274	0.0	49.372	3.672	0.0	46.789	2.992	0.0	39.194	3.242
48	15026	15027	NS	1	0.0	45.678	1.787	0.0	43.669	2.167	0.0	37.668	1.746	0.0	45.103	2.451	0.0	45.543	1.758	0.0	42.261	2.119	0.0	38.334	1.769	0.0	47.471	2.263
49	15026	15027	NS	1	0.0	48.498	6.547	0.0	47.843	8.054	0.0	48.127	5.884	0.0	47.46	7.569	0.0	48.449	6.588	0.0	49.313	7.841	0.0	46.275	6.033	0.0	46.537	7.278
50	15026	15027	NS	1	0.0	48.498	6.336	0.0	47.96	7.686	0.0	42.714	5.935	0.0	48.63	7.502	0.0	48.449	6.396	0.0	49.313	7.554	0.0	43.387	5.899	0.0	45.93	7.133
51	15026	15027	SN	1	0.0	42.98	0.852	0.0	43.183	1.185	0.0	42.111	0.847	0.0	36.808	1.013	0.0	44.676	0.852	0.0	44.506	1.037	0.0	42.168	0.825	0.0	39.457	0.835
52	15026	15027	SN	1	0.0	42.98	0.876	0.0	43.183	1.309	0.0	42.111	0.817	0.0	36.808	1.12	0.0	44.676	0.862	0.0	44.506	1.157	0.0	42.168	0.789	0.0	39.457	0.932
53	15026	15027	SN	1	0.0	42.98	0.874	0.0	43.183	1.309	0.0	42.111	0.817	0.0	36.808	1.12	0.0	44.676	0.862	0.0	44.506	1.157	0.0	42.168	0.787	0.0	39.457	0.932
54	15027	15028	NS	1	0.0	52.367	8.128	0.0	54.185	8.967	0.0	44.289	7.311	0.0	50.817	8.074	0.0	52.674	8.098	0.0	51.494	8.775	0.0	44.264	7.077	0.0	46.705	7.875
55	15027	15028	SN	1	0.0	37.586	0.682	0.0	44.326	0.993	0.0	38.738	0.792	0.0	41.569	1.149	0.0	37.775	0.691	0.0	42.794	0.968	0.0	38.648	0.808	0.0	37.413	1.057
56	15027	15028	SN	1	0.0	43.457	2.818	0.0	45.828	3.512	0.0	41.121	2.401	0.0	37.147	3.281	0.0	43.222	2.879	0.0	48.373	3.329	0.0	41.678	2.401	0.0	37.615	2.967
57	15027	15028	NS	1	0.0	45.906	2.122	0.0	52.709	2.683	0.0	38.259	1.971	0.0	45.609	2.488	0.0	46.061	2.167	0.0	51.187	2.575	0.0	39.696	1.891	0.0	43.827	2.265
58	15027	15028	SN	1	0.0	43.457	2.818	0.0	45.828	3.512	0.0	41.121	2.401	0.0	37.147	3.281	0.0	43.222	2.879	0.0	48.373	3.329	0.0	41.678	2.401	0.0	37.615	2.967
59	15027	15028	NS	1	0.0	51.889	8.128	0.0	54.185	9.008	0.0	42.611	7.297	0.0	46.591	8.095	0.0	52.189	8.047	0.0	51.494	8.795	0.0	42.157	7.112	0.0	44.814	7.896
60	15027	15028	NS	1	0.0	47.747	2.147	0.0	52.709	2.688	0.0	53.073	1.952	0.0	40.68	2.486	0.0	47.17	2.169	0.0	51.187	2.586	0.0	53.501	1.861	0.0	41.274	2.254
61	15027	15028	SN	1	0.0	37.586	0.682	0.0	44.326	0.993	0.0	38.738	0.792	0.0	41.569	1.149	0.0	37.775	0.691	0.0	42.794	0.968	0.0	38.648	0.808	0.0	37.413	1.057
62	15028	15029	NS	1	0.0	45.381	1.302	0.0	43.684	1.799	0.0	43.526	1.244	0.0	45.68	1.854	0.0	44.741	1.297	0.0	44.556	1.662	0.0	41.272	1.171	0.0	40.157	1.659
63	15028	15029	NS	1	0.0	45.036	1.29	0.0	43.248	1.79	0.0	44.354	1.23	0.0	44.561	1.854	0.0	44.412	1.288	0.0	42.426	1.641	0.0	43.084	1.162	0.0	40.853	1.7
64	15028	15029	SN	1	0.0	49.55	4.043	0.944	56.189	5.17	0.0	50.735	3.925	0.0	44.663	4.796	0.0	49.059	4.093	0.21	53.983	4.845	0.0	51.626	3.961	0.0	42.345	4.583
65	15028	15029	NS	1	0.0	50.98	5.32	0.0	47.267	6.901	0.0	44.631	4.325	0.0	47.929	6.008	0.0	49.669	5.259	0.0	49.333	6.526	0.0	42.819	4.396	0.0	49.043	5.489
66	15028	15029	SN	1	0.0	44.082	1.04	0.0	45.842	1.48	0.0	42.159	1.134	0.0	39.591	1.688	0.0	43.972	1.045	0.0	44.194	1.36	0.0	37.997	1.068	0.0	37.991	1.501
67	15028	15029	NS	1	0.0	48.505	5.472	0.0	55.814	6.881	0.0	46.063	4.325	0.0	46.133	5.973	0.0	49.7	5.32	0.0	55.829	6.445	0.0	44.252	4.332	0.0	44.315	5.454

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

68	15029	15030	SN	1	0.0	48.597	1.461	0.0	49.001	1.749	0.0	40.937	1.262	0.0	40.137	1.601	0.0	47.483	1.463	0.0	46.956	1.683	0.0	40.387	1.232	0.0	37.159	1.413
69	15029	15030	NS	1	0.0	46.472	2.467	0.0	52.989	3.183	0.0	42.648	2.579	0.0	47.341	3.666	0.0	46.658	2.457	0.0	52.952	2.815	0.0	41.028	2.279	0.0	45.382	3.073
70	15029	15030	SN	1	0.0	52.233	4.938	0.323	54.499	5.886	0.0	45.989	4.987	0.0	48.571	5.379	0.0	53.614	4.979	0.175	53.043	5.672	0.0	46.479	4.703	0.0	48.152	4.801
71	15029	15030	NS	1	0.0	46.472	2.453	0.0	52.989	3.167	0.0	42.648	2.572	0.0	47.341	3.647	0.0	46.658	2.443	0.0	52.952	2.801	0.0	41.028	2.273	0.0	45.382	3.057
72	15029	15030	NS	1	0.0	39.226	0.649	0.0	39.252	0.953	0.0	40.18	0.841	0.0	44.079	1.374	0.0	38.826	0.645	0.0	42.24	0.81	0.0	38.971	0.751	0.0	45.251	1.105
73	15029	15030	NS	1	0.0	39.226	0.645	0.0	39.252	0.948	0.0	40.18	0.837	0.0	44.079	1.367	0.0	38.826	0.641	0.0	42.24	0.806	0.0	38.971	0.746	0.0	45.251	1.099
74	15030	15031	NS	1	0.0	42.126	1.123	0.0	45.892	1.759	0.0	44.792	1.499	0.0	44.241	1.867	0.0	42.413	1.126	0.0	45.48	1.664	0.0	44.008	1.43	0.0	47.197	1.705
75	15030	15031	NS	1	0.0	46.865	4.448	0.0	47.239	5.805	0.0	40.941	4.468	0.0	44.563	5.732	0.0	47.776	4.448	0.0	49.398	5.533	0.0	40.888	4.6	0.0	47.197	5.219
76	15030	15031	NS	1	0.0	46.865	4.317	0.0	47.239	5.628	0.0	40.941	4.324	0.0	44.563	5.556	0.0	47.776	4.317	0.0	49.398	5.365	0.0	40.888	4.438	0.0	47.197	5.059
77	15030	15031	SN	1	0.0	49.461	4.584	0.77	48.37	6.11	0.0	47.32	4.171	0.0	46.325	5.386	0.0	50.31	4.706	0.055	48.2	6.039	0.0	48.153	4.114	0.0	46.482	5.201
78	15030	15031	NS	1	0.0	42.126	1.09	0.0	45.892	1.708	0.0	44.792	1.453	0.0	44.241	1.812	0.0	42.413	1.09	0.0	45.48	1.613	0.0	44.008	1.384	0.0	47.197	1.653
79	15030	15031	SN	1	0.0	48.07	1.264	0.0	46.422	1.638	0.0	41.047	1.097	0.0	42.965	1.493	0.0	48.346	1.248	0.0	45.241	1.62	0.0	38.243	1.11	0.0	42.858	1.377
80	15031	15032	NS	1	0.0	48.918	6.798	0.0	52.62	7.638	0.0	49.478	6.304	0.0	40.748	8.527	0.0	49.448	6.765	0.0	52.642	7.297	0.0	46.375	6.158	0.0	44.29	7.802
81	15031	15032	NS	1	0.0	40.126	1.964	0.0	46.258	2.575	0.0	48.749	1.947	0.0	40.952	3.093	0.0	39.901	1.967	0.0	45.621	2.416	0.0	48.603	1.848	0.0	36.483	2.594
82	15031	15032	NS	1	0.0	40.126	1.811	0.0	46.258	2.369	0.0	48.749	1.796	0.0	40.952	2.852	0.0	39.901	1.813	0.0	45.621	2.22	0.0	48.603	1.708	0.0	36.483	2.389
83	15031	15032	SN	1	0.0	44.131	0.912	0.0	43.57	1.271	0.0	37.527	1.196	0.0	40.779	1.806	0.0	41.644	0.876	0.0	42.917	1.097	0.0	36.172	1.148	0.0	41.261	1.535
84	15031	15032	NS	1	0.0	48.918	6.285	0.0	52.62	7.058	0.0	49.478	5.843	0.0	40.748	7.858	0.0	49.448	6.254	0.0	52.642	6.723	0.0	46.375	5.7	0.0	44.29	7.183
85	15031	15032	SN	1	0.0	46.801	3.852	0.0	38.186	4.631	0.0	42.159	3.878	0.0	44.105	5.199	0.0	47.223	3.964	0.0	38.298	4.377	0.0	43.874	3.785	0.0	41.675	4.521
86	15032	15033	SN	1	0.0	46.47	5.041	0.0	50.358	6.748	0.0	42.335	4.228	0.0	48.305	6.469	0.0	48.626	4.949	0.0	51.428	6.382	0.0	42.11	4.434	0.0	46.872	5.713
87	15032	15033	SN	1	0.0	43.424	4.662	0.0	50.579	6.811	0.0	40.702	4.111	0.0	41.9	6.592	0.0	44.016	4.529	0.0	51.695	6.478	0.0	38.269	4.188	0.0	38.767	5.852
88	15032	15033	NS	1	0.0	49.933	10.345	0.0	47.289	10.035	0.0	46.006	8.222	0.0	45.281	9.436	0.0	49.255	10.38	0.0	46.896	9.343	0.0	45.828	8.142	0.0	47.967	9.039
89	15032	15033	NS	1	0.0	49.933	9.121	0.0	47.289	8.827	0.0	46.006	7.267	0.0	45.281	8.286	0.0	49.255	9.152	0.0	46.896	8.228	0.0	45.828	7.175	0.0	47.967	7.987
90	15032	15033	NS	1	0.0	46.365	2.719	0.0	43.947	2.813	0.0	38.701	2.674	0.0	47.03	3.026	0.0	46.032	2.763	0.0	45.299	2.669	0.0	38.012	2.591	0.0	46.804	2.792
91	15032	15033	SN	1	0.0	45.072	1.112	0.0	40.197	1.915	0.0	40.788	1.311	0.0	39.535	2.146	0.0	44.32	1.097	0.0	40.848	1.787	0.0	37.153	1.285	0.0	38.861	1.842
92	15032	15033	NS	1	0.0	46.365	2.399	0.0	43.947	2.48	0.0	38.701	2.355	0.0	47.03	2.668	0.0	46.032	2.44	0.0	45.299	2.351	0.0	38.012	2.29	0.0	46.804	2.462
93	15033	15034	SN	1	0.0	46.029	1.53	0.0	49.209	1.963	0.0	40.858	1.4	0.0	47.088	1.872	0.0	47.09	1.494	0.0	49.755	1.821	0.0	41.157	1.341	0.0	47.202	1.735
94	15033	15034	NS	1	0.0	48.141	8.199	0.0	57.528	9.637	0.0	45.474	7.708	0.0	49.272	9.446	0.0	48.76	8.341	0.0	56.473	9.302	0.0	43.479	7.573	0.0	46.192	8.891
95	15033	15034	SN	1	0.0	53.492	5.79	0.0	50.18	6.964	0.0	50.299	5.186	0.0	48.833	6.862	0.0	54.119	5.875	0.0	54.512	6.654	0.0	50.019	5.104	0.0	46.349	6.367
96	15034	15035	SN	1	0.0	45.05	1.479	0.0	44.034	1.646	0.0	51.405	1.41	0.0	46.173	1.663	0.0	46.971	1.515	0.0	41.453	1.59	0.0	49.521	1.392	0.0	44.382	1.473
97	15034	15035	SN	1	0.0	45.05	1.457	0.0	44.034	1.679	0.0	51.405	1.403	0.0	46.173	1.676	0.0	46.971	1.494	0.0	41.453	1.61	0.0	49.521	1.374	0.0	44.382	1.495
98	15034	15035	NS	1	0.0	45.22	0.765	0.0	51.619	1.007	0.0	38.513	0.775	0.0	42.779	0.92	0.0	44.67	0.783	0.0	51.566	0.925	0.0	41.513	0.721	0.0	44.259	0.776
99	15034	15035	NS	1	0.0	42.504	0.752	0.0	51.416	0.998	0.0	37.744	0.768	0.0	45.531	0.923	0.0	42.874	0.758	0.0	51.362	0.939	0.0	39.929	0.721	0.0	47.011	0.778
100	15034	15035	SN	1	0.0	48.879	4.971	0.0	51.599	5.579	0.0	44.67	4.911	0.0	50.661	5.557	0.0	49.713	5.103	0.0	53.464	5.497	0.0	44.681	5.011	0.0	50.739	5.221
101	15034	15035	SN	1	0.0	45.05	1.479	0.0	44.034	1.646	0.0	51.405	1.41	0.0	46.173	1.663	0.0	46.971	1.513	0.0	41.453	1.59	0.0	49.521	1.394	0.0	44.382	1.473
102	15034	15035	NS	1	0.0	52.586	2.99	0.0	45.831	3.479	0.0	45.435	2.799	0.0	48.075	3.383	0.0	53.378	3.051	0.0	46.456	3.256	0.0	44.683	2.756	0.0	47.615	2.942
103	15034	15035	SN	1	0.0	48.879	4.971	0.0	51.599	5.579	0.0	44.67	4.904	0.0	50.661	5.557	0.0	49.713	5.103	0.0	53.464	5.497	0.0	44.681	5.004	0.0	50.739	5.221

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

104	15035	15036	SN	1	0.0	41.11	1.046	0.0	45.412	1.515	0.0	39.565	1.148	0.0	41.713	1.713	0.0	40.257	1.058	0.0	44.154	1.46	0.0	40.571	1.078	0.0	40.791	1.453
105	15035	15036	SN	1	0.0	44.496	3.94	0.713	48.823	4.486	0.0	37.524	3.704	0.0	43.327	5.161	0.0	44.302	3.971	0.037	48.438	4.28	0.0	38.447	3.546	0.0	43.565	4.642
106	15035	15036	SN	1	0.0	44.071	3.879	0.713	49.407	4.599	0.0	45.465	3.697	0.0	44.515	5.14	0.0	43.879	3.899	0.037	48.686	4.321	0.0	45.388	3.481	0.0	44.755	4.65
107	15035	15036	NS	1	0.0	48.955	0.711	0.0	42.785	0.905	0.0	43.384	0.906	0.0	42.341	1.166	0.0	47.71	0.702	0.0	43.57	0.889	0.0	45.372	0.904	0.0	44.254	1.107
108	15035	15036	NS	1	0.0	48.955	0.706	0.0	42.544	0.905	0.0	44.639	0.897	0.0	44.906	1.148	0.0	47.71	0.688	0.0	43.328	0.887	0.0	46.626	0.879	0.0	44.254	1.098
109	15035	15036	SN	1	0.0	41.11	1.034	0.0	45.412	1.498	0.0	39.565	1.147	0.0	41.713	1.693	0.0	40.257	1.045	0.0	44.154	1.444	0.0	40.571	1.076	0.0	40.791	1.436
110	15035	15036	SN	1	0.0	44.071	3.833	0.713	49.407	4.552	0.0	45.465	3.729	0.0	44.515	5.087	0.0	43.879	3.853	0.037	48.686	4.277	0.0	45.388	3.516	0.0	44.755	4.602
111	15035	15036	NS	1	0.0	51.531	2.028	0.0	45.24	2.829	0.0	40.245	2.75	0.0	48.228	3.645	0.0	51.651	2.159	0.0	44.566	2.585	0.0	41.12	2.721	0.0	49.943	3.325
112	15035	15036	NS	1	0.0	51.531	2.028	0.0	45.329	2.819	0.0	40.253	2.757	0.0	48.228	3.659	0.0	51.651	2.159	0.0	44.65	2.555	0.0	41.1	2.764	0.0	49.943	3.347
113	15035	15036	SN	1	0.0	47.368	1.049	0.0	44.657	1.508	0.0	38.666	1.152	0.0	41.648	1.732	0.0	47.393	1.046	0.0	43.385	1.455	0.0	35.458	1.084	0.0	40.725	1.474
114	15036	15037	SN	1	0.0	40.033	1.239	0.0	47.68	1.824	0.0	35.341	1.336	0.0	38.884	1.974	0.0	38.834	1.219	0.0	45.969	1.713	0.0	34.992	1.377	0.0	38.039	1.772
115	15036	15037	NS	1	0.0	46.774	1.038	0.0	43.219	1.229	0.0	39.294	1.154	0.0	44.484	1.495	0.0	48.796	1.049	0.0	41.853	1.083	0.0	42.806	1.14	0.0	45.487	1.32
116	15036	15037	SN	1	0.0	47.793	4.595	0.051	47.703	5.868	0.0	42.945	4.37	0.0	43.771	5.943	0.0	47.835	4.606	0.628	46.632	5.682	0.0	44.442	4.602	0.0	46.373	5.558
117	15036	15037	SN	1	0.0	38.01	1.214	0.0	48.703	1.831	0.0	37.643	1.342	0.0	41.371	1.997	0.0	36.036	1.203	0.0	45.616	1.733	0.0	36.858	1.4	0.0	39.482	1.757
118	15036	15037	SN	1	0.0	45.069	1.253	0.0	47.68	1.804	0.0	39.628	1.399	0.0	38.884	1.948	0.0	44.584	1.253	0.0	45.969	1.714	0.0	38.842	1.415	0.0	38.039	1.748
119	15036	15037	NS	1	0.0	45.739	3.163	0.0	44.32	3.609	0.0	50.443	3.766	0.0	45.896	4.483	0.0	45.309	3.163	0.0	45.493	3.335	0.0	50.559	3.609	0.0	44.239	4.043
120	15036	15037	SN	1	0.0	50.33	4.552	0.051	47.881	5.794	0.0	45.459	4.227	0.0	42.883	6.022	0.0	50.372	4.502	0.628	46.252	5.56	0.0	46.956	4.433	0.0	40.435	5.701
121	15036	15037	SN	1	0.0	48.73	4.532	0.051	47.171	5.835	0.0	41.52	4.269	0.0	44.072	6.079	0.0	48.771	4.502	0.628	46.061	5.611	0.0	43.018	4.504	0.0	42.369	5.665
122	15037	15038	SN	1	0.0	50.392	3.436	0.0	46.181	4.875	0.0	36.819	4.325	0.0	40.742	5.577	0.0	50.26	3.567	0.0	47.843	4.631	0.0	36.981	4.445	0.0	43.459	5.242
123	15037	15038	NS	1	0.0	51.569	3.031	0.0	53.228	3.935	0.0	44.448	2.715	0.0	50.078	3.368	0.0	52.308	3.213	0.0	54.565	3.823	0.0	44.72	2.715	0.0	50.071	2.998
124	15037	15038	NS	1	0.0	47.4	0.851	0.0	53.647	1.142	0.0	40.675	0.683	0.0	47.948	0.903	0.0	48.786	0.878	0.0	50.946	1.072	0.0	40.461	0.686	0.0	43.726	0.774
125	15037	15038	NS	1	0.0	51.569	3.031	0.0	53.201	3.935	0.0	44.458	2.722	0.0	50.079	3.368	0.0	52.308	3.224	0.0	54.538	3.823	0.0	44.72	2.701	0.0	50.071	2.991
126	15037	15038	SN	1	0.0	41.336	1.054	0.0	41.545	1.533	0.0	41.263	1.378	0.0	39.144	1.989	0.0	39.405	1.054	0.0	42.715	1.422	0.0	38.667	1.32	0.0	38.023	1.801
127	15037	15038	SN	1	0.0	41.336	1.054	0.0	41.545	1.533	0.0	41.263	1.378	0.0	39.144	1.989	0.0	39.405	1.054	0.0	42.715	1.422	0.0	38.667	1.32	0.0	38.023	1.801
128	15037	15038	NS	1	0.0	47.4	0.849	0.0	53.647	1.142	0.0	40.675	0.683	0.0	47.948	0.898	0.0	48.786	0.876	0.0	50.946	1.074	0.0	40.461	0.684	0.0	43.726	0.769
129	15037	15038	SN	1	0.0	50.392	3.436	0.0	46.181	4.875	0.0	36.819	4.325	0.0	40.742	5.577	0.0	50.26	3.567	0.0	47.843	4.631	0.0	36.981	4.445	0.0	43.459	5.242
130	15038	15039	NS	1	0.0	55.127	3.446	0.0	52.077	4.088	0.0	42.986	3.602	0.0	47.245	4.179	0.0	55.533	3.598	0.0	54.379	3.723	0.0	41.424	3.367	0.0	44.406	3.44
131	15038	15039	SN	1	0.0	46.011	5.925	0.0	47.521	8.133	0.0	47.807	6.262	0.0	43.403	8.273	0.0	44.505	5.824	0.0	47.501	7.573	0.0	46.739	6.085	0.0	43.726	7.639
132	15038	15039	SN	1	0.0	46.011	5.905	0.0	47.521	8.133	0.0	47.089	6.262	0.0	43.403	8.273	0.0	45.408	5.814	0.0	47.501	7.573	0.0	46.022	6.071	0.0	43.726	7.646
133	15038	15039	SN	1	0.0	44.787	1.803	0.0	45.796	2.65	0.0	40.504	1.915	0.0	42.007	2.772	0.0	45.247	1.782	0.0	43.692	2.454	0.0	41.199	1.834	0.0	43.33	2.494
134	15038	15039	SN	1	0.0	44.787	1.812	0.0	47.023	2.655	0.0	39.09	1.913	0.0	42.007	2.771	0.0	45.247	1.789	0.0	46.577	2.456	0.0	41.199	1.832	0.0	43.33	2.494
135	15038	15039	NS	1	0.0	44.275	1.122	0.0	51.223	1.338	0.0	41.184	1.001	0.0	44.974	1.352	0.0	44.754	1.128	0.0	49.506	1.217	0.0	38.159	0.927	0.0	47.097	1.125
136	15039	15040	NS	1	0.0	46.764	4.561	0.0	48.723	4.717	0.0	44.407	4.71	0.0	43.115	5.274	0.0	46.365	4.703	0.0	49.69	4.342	0.0	42.919	4.568	0.0	41.005	4.691
137	15039	15040	NS	1	0.0	44.971	1.099	0.0	43.834	1.402	0.0	40.25	1.354	0.0	45.261	1.68	0.0	45.246	1.122	0.0	44.524	1.291	0.0	40.699	1.29	0.0	42.649	1.432
138	15039	15040	SN	1	0.0	51.705	4.39	0.0	49.034	6.658	0.0	44.448	5.504	0.0	47.112	6.719	0.0	50.752	4.4	0.0	49.339	6.414	0.0	41.929	5.433	0.0	47.83	6.37
139	15039	15040	SN	1	0.0	51.705	4.39	0.0	49.034	6.658	0.0	44.448	5.504	0.0	47.112	6.719	0.0	50.752	4.4	0.0	49.339	6.414	0.0	41.929	5.433	0.0	47.83	6.37

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

140	15039	15040	NS	1	0.0	44.888	1.083	0.0	49.373	1.417	0.0	44.523	1.409	0.0	43.07	1.698	0.0	45.163	1.088	0.0	50.061	1.302	0.0	46.765	1.359	0.0	39.871	1.437
141	15039	15040	SN	1	0.0	51.705	4.375	0.0	49.034	6.483	0.0	44.448	5.494	0.0	47.112	6.658	0.0	50.752	4.343	0.0	49.339	6.179	0.0	41.929	5.391	0.0	47.83	6.306
142	15039	15040	SN	1	0.0	50.725	1.577	0.0	43.206	2.275	0.0	39.083	1.582	0.0	44.594	2.069	0.0	52.257	1.636	0.0	42.595	2.149	0.0	39.078	1.538	0.0	41.701	1.858
143	15039	15040	SN	1	0.0	50.725	1.577	0.0	43.206	2.275	0.0	39.083	1.582	0.0	44.594	2.069	0.0	52.257	1.636	0.0	42.595	2.149	0.0	39.078	1.538	0.0	41.701	1.858
144	15039	15040	NS	1	0.0	46.905	4.591	0.0	48.741	4.626	0.0	44.632	4.717	0.0	42.185	5.188	0.0	46.505	4.703	0.0	49.707	4.281	0.0	43.146	4.667	0.0	40.617	4.641
145	15039	15040	SN	1	0.0	50.725	1.624	0.0	44.702	2.274	0.0	39.083	1.597	0.0	44.594	2.07	0.0	52.257	1.671	0.0	43.361	2.148	0.0	39.078	1.566	0.0	41.701	1.854
146	15040	15041	SN	1	0.0	46.769	1.712	0.0	53.014	2.31	0.0	38.134	1.105	0.0	43.644	1.574	0.0	48.991	1.734	0.0	53.726	2.237	0.0	37.292	1.03	0.0	43.641	1.43
147	15040	15041	SN	1	0.0	48.437	6.523	0.0	50.797	8.786	0.0	46.012	4.42	0.0	48.274	6.028	0.0	49.66	6.757	0.0	51.129	8.49	0.0	45.273	4.314	0.0	50.684	5.45
148	15040	15041	SN	1	0.0	46.769	1.677	0.0	53.014	2.262	0.0	38.134	1.088	0.0	43.644	1.521	0.0	48.991	1.704	0.0	53.726	2.181	0.0	37.292	1.016	0.0	43.641	1.361
149	15040	15041	NS	1	0.0	47.88	5.412	0.0	48.772	6.34	0.0	41.591	5.022	0.0	47.295	6.382	0.0	47.445	5.463	0.0	50.972	6.127	0.0	39.266	4.76	0.0	46.773	5.707
150	15040	15041	NS	1	0.0	47.88	5.402	0.0	48.772	6.35	0.0	41.641	5.008	0.0	41.812	6.475	0.0	47.445	5.371	0.0	50.972	6.157	0.0	39.311	4.838	0.0	40.787	5.807
151	15040	15041	NS	1	0.0	48.198	1.537	0.0	46.605	1.844	0.0	40.661	1.571	0.0	39.385	2.132	0.0	48.907	1.544	0.0	49.734	1.731	0.0	40.723	1.466	0.0	39.571	1.939
152	15040	15041	NS	1	0.0	42.785	1.519	0.0	46.605	1.828	0.0	38.486	1.571	0.0	41.258	2.132	0.0	43.178	1.548	0.0	49.734	1.738	0.0	40.023	1.45	0.0	41.547	1.923
153	15040	15041	SN	1	0.0	48.437	6.177	0.0	49.834	8.39	0.0	46.012	4.338	0.0	48.274	5.844	0.0	49.66	6.382	0.0	51.129	8.056	0.0	45.273	4.225	0.0	50.684	5.171
154	15040	15041	SN	1	0.0	46.769	1.716	0.0	53.014	2.314	0.0	38.134	1.105	0.0	43.644	1.576	0.0	48.991	1.732	0.0	53.726	2.24	0.0	37.292	1.034	0.0	43.641	1.43
155	15040	15041	SN	1	0.0	48.437	6.523	0.0	50.797	8.786	0.0	46.012	4.406	0.0	48.274	6.028	0.0	49.66	6.757	0.0	51.129	8.49	0.0	45.273	4.285	0.0	50.684	5.457
156	15041	15042	NS	1	0.0	47.934	5.465	0.0	46.939	6.447	0.0	43.55	5.876	0.0	45.392	7.076	0.0	48.69	5.475	0.0	47.928	5.94	0.0	44.903	5.954	0.0	44.105	6.728
157	15041	15042	SN	1	0.0	45.029	0.849	0.0	41.303	1.31	0.0	39.136	0.764	0.0	46.248	1.198	0.0	46.492	0.883	0.0	39.628	1.292	0.0	38.72	0.743	0.0	42.956	1.095
158	15041	15042	NS	1	0.0	50.522	1.817	0.0	50.576	2.12	0.0	42.793	1.672	0.0	51.568	2.256	0.0	48.697	1.849	0.0	47.48	2.062	0.0	42.238	1.705	0.0	50.939	2.157
159	15041	15042	NS	1	0.0	50.16	1.826	0.0	48.89	2.118	0.0	42.793	1.675	0.0	51.568	2.253	0.0	48.335	1.855	0.0	45.793	2.051	0.0	42.238	1.704	0.0	50.939	2.168
160	15041	15042	SN	1	0.0	54.137	3.955	0.0	50.796	5.234	0.0	43.636	2.998	0.0	43.956	4.21	0.0	55.015	3.945	0.0	50.896	5.173	0.0	43.029	2.97	0.0	44.887	3.803
161	15041	15042	NS	1	0.0	47.926	5.475	0.0	46.939	6.427	0.0	43.514	5.876	0.0	45.392	7.112	0.0	48.681	5.495	0.0	47.888	5.93	0.0	44.867	5.954	0.0	44.105	6.735
162	15042	15043	SN	1	0.0	42.114	1.173	0.0	44.266	1.564	0.0	37.376	1.15	0.0	44.419	1.525	0.0	42.469	1.151	0.0	44.49	1.575	0.0	38.151	1.194	0.0	44.56	1.548
163	15042	15043	NS	1	0.0	54.878	6.992	0.0	57.094	8.934	0.0	46.531	6.179	0.0	52.018	7.809	0.0	55.318	7.134	0.0	57.117	8.883	0.0	45.558	5.994	0.0	50.768	7.631
164	15042	15043	NS	1	0.0	50.465	1.947	0.0	46.337	2.608	0.0	42.293	1.721	0.0	45.77	2.475	0.0	50.33	1.945	0.0	47.273	2.453	0.0	39.56	1.652	0.0	45.506	2.308
165	15042	15043	SN	1	0.0	48.249	4.338	0.0	41.065	5.028	0.0	41.138	3.8	0.0	42.334	4.4	0.0	48.652	4.399	0.0	43.733	5.211	0.0	42.524	4.112	0.0	41.278	4.671
166	15043	15044	NS	1	0.0	50.752	4.601	0.0	53.718	5.943	0.0	44.762	4.169	0.0	44.787	4.824	0.0	51.465	4.722	0.0	53.451	6.054	0.0	43.626	4.02	0.0	42.984	4.661
167	15043	15044	NS	1	0.0	42.946	1.194	0.0	50.197	1.697	0.0	45.451	1.132	0.0	39.52	1.591	0.0	42.259	1.232	0.0	51.025	1.652	0.0	46.204	1.109	0.0	40.66	1.486
168	15043	15044	SN	1	0.0	48.927	4.278	0.0	54.485	5.499	0.0	43.97	4.176	0.0	45.932	5.618	0.0	49.669	4.349	0.0	56.539	5.214	0.0	43.16	4.084	0.0	49.87	4.875
169	15043	15044	SN	1	0.0	41.709	1.122	0.0	45.42	1.736	0.0	40.275	1.203	0.0	45.544	1.699	0.0	41.777	1.126	0.0	48.063	1.602	0.0	43.366	1.097	0.0	45.102	1.467
170	15044	15045	NS	1	0.0	49.84	3.55	0.0	50.723	4.751	0.0	40.558	4.104	0.0	44.769	5.58	0.0	51.16	3.591	0.0	50.495	4.41	0.0	37.74	3.93	0.0	45.482	4.726
171	15044	15045	NS	1	0.0	46.76	1.147	0.0	47.73	1.533	0.0	38.095	1.239	0.0	41.268	1.849	0.0	46.983	1.096	0.0	45.582	1.388	0.0	36.06	1.199	0.0	40.631	1.496
172	15045	15046	SN	1	0.0	47.149	0.939	0.0	43.666	1.264	0.0	37.397	1.2	0.0	49.538	1.501	0.0	47.014	0.951	0.0	43.32	1.192	0.0	37.057	1.128	0.0	50.918	1.334
173	15045	15046	SN	1	0.0	46.051	3.297	0.0	48.432	4.164	0.0	41.136	3.703	0.0	49.085	4.43	0.0	45.772	3.328	0.0	50.436	4.032	0.0	42.398	3.44	0.0	47.134	3.888
174	15046	15047	SN	1	0.0	39.342	1.303	0.0	45.072	1.818	0.0	38.168	1.685	0.0	43.978	2.05	0.0	40.348	1.31	0.0	44.192	1.744	0.0	39.068	1.685	0.0	39.592	1.949
175	15046	15047	NS	1	0.0	45.448	6.698	0.0	51.97	6.832	0.0	43.149	5.908	0.0	39.26	7.091	0.0	46.356	6.738	0.0	52.778	6.477	0.0	44.699	5.844	0.0	41.155	6.813

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

176	15046	15047	SN	1	0.0	47.753	4.434	0.0	50.383	5.976	0.0	42.348	4.748	0.0	46.967	5.949	0.0	47.972	4.505	0.0	50.376	5.834	0.0	42.992	4.89	0.0	45.903	5.735
177	15046	15047	NS	1	0.0	46.828	1.728	0.0	42.539	2.166	0.0	42.36	1.793	0.0	40.651	2.224	0.0	49.042	1.73	0.0	42.696	2.078	0.0	39.766	1.703	0.0	39.122	2.111
178	15047	15048	NS	1	0.0	52.55	7.504	0.0	50.653	8.859	0.0	46.317	6.728	0.0	47.525	8.517	0.0	52.939	7.616	0.0	51.886	8.808	0.0	48.116	6.877	0.0	47.173	8.588
179	15047	15048	SN	1	0.0	47.759	2.312	0.0	44.625	3.055	0.0	39.294	1.92	0.0	45.285	2.593	0.0	46.772	2.35	0.0	43.984	3.0	0.0	38.942	1.934	0.0	44.966	2.591
180	15047	15048	SN	1	0.0	46.551	8.357	0.0	49.473	9.817	0.0	45.872	7.133	0.0	44.588	8.349	0.0	48.194	8.54	0.0	50.059	9.633	0.0	45.445	7.453	0.0	46.417	8.278
181	15047	15048	SN	1	0.0	50.895	8.428	0.0	51.152	9.837	0.0	41.763	7.261	0.0	48.755	8.414	0.0	52.54	8.499	0.0	53.219	9.613	0.0	39.67	7.496	0.0	46.32	8.299
182	15047	15048	NS	1	0.0	42.309	2.142	0.0	46.118	2.479	0.0	41.053	1.916	0.0	47.696	2.786	0.0	43.87	2.23	0.0	47.794	2.416	0.0	42.28	1.975	0.0	45.207	2.72
183	15047	15048	SN	1	0.0	43.427	2.314	0.0	43.701	3.025	0.0	41.067	1.913	0.0	42.14	2.552	0.0	43.529	2.362	0.0	43.06	3.012	0.0	41.285	1.904	0.0	41.82	2.582

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

Sr No	Start Orbit	End Orbit	Dir.	Ver.	Azimuth Angle												Incidence Angle											
					Inner Aft			Inner Fore			Outer Aft			Outer Fore			Inner Aft			Inner Fore			Outer Aft			Outer Fore		
					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	15019	15020	SN	1	0.0	23.29	5.775	0.0	237.484	6.898	0.0	138.515	1.79	0.0	62.016	2.863	0.0	1.412	0.0	1.757	0.0	0.0	1.85	0.0	0.0	2.109	0.0	
2	15019	15020	SN	1	0.0	28.871	12.96	0.0	125.282	13.505	0.0	114.227	9.499	0.0	17.096	11.485	0.0	1.422	0.0	1.759	0.0	0.0	1.832	0.0	0.0	2.107	0.0	
3	15019	15020	SN	1	0.0	23.29	5.799	0.0	237.484	6.857	0.0	138.515	1.8	0.0	12.64	2.707	0.0	1.412	0.0	1.757	0.0	0.0	1.85	0.0	0.0	2.109	0.0	
4	15019	15020	NS	1	0.0	254.129	10.492	0.0	29.941	14.541	0.0	248.219	11.138	0.0	74.833	13.477	0.0	1.406	0.0	1.798	0.0	0.0	1.846	0.0	0.0	2.153	0.0	
5	15019	15020	SN	1	0.0	28.871	12.936	0.0	125.282	13.8	0.0	114.227	9.411	0.0	39.989	11.927	0.0	1.422	0.0	1.759	0.0	0.0	1.832	0.0	0.0	2.107	0.0	
6	15019	15020	NS	1	0.0	96.957	6.511	0.0	24.707	7.535	0.0	261.422	2.91	0.0	117.332	3.746	0.0	1.432	0.0	1.797	0.0	0.0	1.868	0.0	0.0	2.155	0.0	
7	15020	15021	NS	1	0.0	258.452	6.494	0.0	24.707	7.567	0.0	350.818	2.865	0.0	65.97	3.721	0.0	1.421	0.0	1.796	0.0	0.0	1.872	0.0	0.0	2.154	0.0	
8	15020	15021	NS	1	0.0	206.534	10.451	0.0	29.957	14.531	0.0	145.665	10.982	0.0	77.122	13.413	0.0	1.392	0.0	1.798	0.0	0.0	1.857	0.0	0.0	2.153	0.0	
9	15020	15021	SN	1	0.0	37.033	12.963	0.0	37.433	13.634	0.0	132.415	9.485	0.0	196.8	11.733	0.0	1.422	0.0	1.759	0.0	0.0	1.832	0.0	0.0	2.112	0.0	
10	15020	15021	SN	1	0.0	37.033	12.981	0.0	37.433	13.634	0.0	132.454	9.488	0.0	21.078	11.748	0.0	1.422	0.0	1.759	0.0	0.0	1.832	0.0	0.0	2.111	0.0	
11	15020	15021	NS	1	0.0	219.097	6.496	0.0	24.702	7.549	0.0	198.824	2.875	0.0	121.749	3.72	0.0	1.429	0.0	1.797	0.0	0.0	1.872	0.0	0.0	2.154	0.0	
12	15020	15021	SN	1	0.0	37.033	5.842	0.0	25.545	6.833	0.0	128.246	1.823	0.0	104.722	2.841	0.0	1.413	0.0	1.757	0.0	0.0	1.849	0.0	0.0	2.109	0.0	
13	15020	15021	SN	1	0.0	37.033	5.838	0.0	25.545	6.833	0.0	128.317	1.835	0.0	14.626	2.837	0.0	1.412	0.0	1.757	0.0	0.0	1.838	0.0	0.0	2.11	0.0	
14	15020	15021	NS	1	0.0	206.484	10.409	0.0	29.957	14.536	0.0	146.658	11.028	0.0	77.122	13.433	0.0	1.409	0.0	1.798	0.0	0.0	1.859	0.0	0.0	2.154	0.0	
15	15021	15022	SN	1	0.0	29.389	12.862	0.0	27.321	13.845	0.0	150.014	9.487	0.0	38.776	11.932	0.0	1.423	0.0	1.758	0.0	0.0	1.8	0.0	0.0	2.11	0.0	
16	15021	15022	NS	1	0.0	25.948	10.379	0.0	29.941	14.526	0.0	140.244	11.0	0.0	76.67	13.368	0.0	1.41	0.0	1.797	0.0	0.0	1.861	0.0	0.0	2.154	0.0	
17	15021	15022	SN	1	0.0	23.295	5.806	0.0	25.54	6.878	0.0	146.429	1.823	0.0	108.665	2.956	0.0	1.412	0.0	1.757	0.0	0.0	1.829	0.0	0.0	2.11	0.0	
18	15021	15022	NS	1	0.0	157.351	6.481	0.0	24.696	7.583	0.0	289.193	2.81	0.0	68.143	3.688	0.0	1.427	0.0	1.797	0.0	0.0	1.868	0.0	0.0	2.154	0.0	
19	15022	15023	NS	1	0.0	236.503	6.503	0.0	24.702	7.576	0.0	356.663	2.812	0.0	67.393	3.655	0.0	1.425	0.0	1.797	0.0	0.0	1.869	0.0	0.0	2.155	0.0	
20	15022	15023	NS	1	0.0	236.503	10.477	0.0	29.996	14.473	0.0	356.663	11.08	0.0	69.004	13.402	0.0	1.4	0.0	1.795	0.0	0.0	1.855	0.0	0.0	2.153	0.0	
21	15022	15023	SN	1	0.0	29.456	12.881	0.0	82.926	13.886	0.0	130.242	9.422	0.0	39.347	11.968	0.0	1.42	0.0	1.758	0.0	0.0	1.799	0.0	0.0	2.11	0.0	
22	15022	15023	SN	1	0.0	23.301	5.842	0.0	199.519	6.878	0.0	111.728	1.818	0.0	63.467	2.993	0.0	1.413	0.0	1.757	0.0	0.0	1.846	0.0	0.0	2.11	0.0	
23	15023	15024	SN	1	0.0	23.295	5.802	0.0	84.46	6.88	0.0	124.087	1.82	0.0	49.773	2.971	0.0	1.413	0.0	1.757	0.0	0.0	1.846	0.0	0.0	2.112	0.0	
24	15023	15024	NS	1	0.0	79.289	6.477	0.0	24.702	7.603	0.0	312.372	2.823	0.0	130.871	3.652	0.0	1.42	0.0	1.796	0.0	0.0	1.869	0.0	0.0	2.154	0.0	
25	15023	15024	SN	1	0.0	29.362	12.888	0.662	27.338	13.697	0.0	132.829	9.505	0.0	38.324	11.971	0.0	1.425	0.001	1.758	0.0	0.0	1.825	0.0	0.0	2.11	0.0	
26	15023	15024	NS	1	0.0	214.316	10.44	0.0	29.98	14.452	0.0	329.21	11.026	0.0	65.193	13.366	0.0	1.401	0.0	1.796	0.0	0.0	1.859	0.0	0.0	2.154	0.0	
27	15024	15025	SN	1	0.0	29.246	12.868	0.662	30.484	13.717	0.0	127.556	9.477	0.0	39.305	12.035	0.0	1.423	0.001	1.757	0.0	0.0	1.846	0.0	0.0	2.111	0.0	
28	15024	15025	SN	1	0.0	29.241	12.857	0.667	27.338	13.697	0.0	127.496	9.477	0.0	276.508	12.057	0.0	1.424	0.001	1.757	0.0	0.0	1.832	0.0	0.0	2.111	0.0	
29	15024	15025	SN	1	0.0	23.295	5.804	0.0	225.588	6.905	0.0	124.617	1.82	0.0	54.273	2.987	0.0	1.413	0.0	1.757	0.0	0.0	1.846	0.0	0.0	2.111	0.0	
30	15024	15025	NS	1	0.0	206.812	6.492	0.0	24.702	7.56	0.0	341.812	2.83	0.0	152.606	3.691	0.0	1.426	0.0	1.796	0.0	0.0	1.87	0.0	0.0	2.155	0.0	
31	15024	15025	NS	1	0.0	92.638	10.405	0.0	29.957	14.532	0.0	358.02	11.027	0.0	88.681	13.406	0.0	1.412	0.0	1.796	0.0	0.0	1.846	0.0	0.0	2.154	0.0	

Parameter Specifications	Parameters	Azi.Angle	Inci.Angle	Normal	Deviations
	Range	10.0	3.0	Alarming	High Errors

32	15024	15025	SN	1	0.0	23.301	5.801	0.0	25.523	6.91	0.0	124.589	1.824	0.0	188.632	3.001	0.0	1.413	0.0	0.0	1.757	0.0	0.0	1.846	0.0	0.0	2.112	0.0
33	15024	15025	NS	1	0.0	206.812	6.492	0.0	24.702	7.56	0.0	341.812	2.83	0.0	152.606	3.691	0.0	1.426	0.0	0.0	1.796	0.0	0.0	1.87	0.0	0.0	2.155	0.0
34	15025	15026	NS	1	0.0	24.183	6.484	0.0	24.702	7.578	0.0	323.667	2.869	0.0	124.578	3.737	0.0	1.419	0.0	0.0	1.796	0.0	0.0	1.865	0.0	0.0	2.154	0.0
35	15025	15026	NS	1	0.0	24.183	6.478	0.0	24.702	7.567	0.0	323.739	2.86	0.0	124.716	3.728	0.0	1.424	0.0	0.0	1.796	0.0	0.0	1.866	0.0	0.0	2.155	0.0
36	15025	15026	SN	1	0.0	29.252	12.986	0.0	27.316	13.339	0.0	113.024	9.607	0.0	172.203	11.396	0.0	1.423	0.0	0.0	1.758	0.0	0.0	1.834	0.0	0.0	2.111	0.0
37	15025	15026	NS	1	0.0	25.981	10.441	0.0	29.924	14.531	0.0	354.855	11.031	0.0	75.186	13.47	0.0	1.411	0.0	0.0	1.797	0.0	0.0	1.847	0.0	0.0	2.154	0.0
38	15025	15026	SN	1	0.0	23.295	5.858	0.0	25.534	6.853	0.0	136.64	1.835	0.0	142.224	2.748	0.0	1.412	0.0	0.0	1.757	0.0	0.0	1.847	0.0	0.0	2.108	0.0
39	15025	15026	SN	1	0.0	29.252	12.935	0.0	27.343	13.78	0.0	113.024	9.431	0.0	172.203	12.197	0.0	1.423	0.0	0.0	1.758	0.0	0.0	1.834	0.0	0.0	2.111	0.0
40	15025	15026	SN	1	0.0	23.295	5.815	0.0	25.534	6.909	0.0	136.64	1.814	0.0	142.224	2.931	0.0	1.412	0.0	0.0	1.757	0.0	0.0	1.847	0.0	0.0	2.108	0.0
41	15025	15026	SN	1	0.0	29.252	12.935	0.0	27.343	13.78	0.0	113.024	9.431	0.0	172.203	12.197	0.0	1.423	0.0	0.0	1.758	0.0	0.0	1.834	0.0	0.0	2.111	0.0
42	15025	15026	SN	1	0.0	23.295	5.815	0.0	25.534	6.909	0.0	136.64	1.814	0.0	142.224	2.931	0.0	1.412	0.0	0.0	1.757	0.0	0.0	1.847	0.0	0.0	2.108	0.0
43	15025	15026	NS	1	0.0	25.981	10.441	0.0	29.924	14.531	0.0	354.838	11.074	0.0	75.109	13.464	0.0	1.397	0.0	0.0	1.797	0.0	0.0	1.847	0.0	0.0	2.153	0.0
44	15026	15027	NS	1	0.0	24.205	6.496	0.0	24.702	7.524	0.0	187.38	2.912	0.0	123.128	3.734	0.0	1.425	0.0	0.0	1.797	0.0	0.0	1.865	0.0	0.0	2.155	0.0
45	15026	15027	SN	1	0.0	29.445	12.88	0.0	183.399	13.871	0.0	133.981	9.429	0.0	276.519	12.119	0.0	1.424	0.0	0.0	1.758	0.0	0.0	1.798	0.0	0.0	2.111	0.0
46	15026	15027	SN	1	0.0	29.445	12.88	0.0	183.399	13.871	0.0	133.981	9.429	0.0	276.519	12.119	0.0	1.424	0.0	0.0	1.758	0.0	0.0	1.798	0.0	0.0	2.111	0.0
47	15026	15027	SN	1	0.0	29.445	13.015	0.0	183.399	13.208	0.0	133.981	9.832	0.0	276.519	10.947	0.0	1.424	0.0	0.0	1.758	0.0	0.0	1.798	0.0	0.0	2.111	0.0
48	15026	15027	NS	1	0.0	258.574	6.5	0.0	24.696	7.523	0.0	300.057	2.923	0.0	67.195	3.739	0.0	1.421	0.0	0.0	1.797	0.0	0.0	1.865	0.0	0.0	2.156	0.0
49	15026	15027	NS	1	0.0	208.961	10.307	0.0	29.924	14.526	0.0	215.639	10.936	0.0	78.258	13.468	0.0	1.409	0.0	0.0	1.798	0.0	0.0	1.864	0.0	0.0	2.155	0.0
50	15026	15027	NS	1	0.0	242.321	10.39	0.0	29.924	14.51	0.0	246.529	11.046	0.0	78.258	13.519	0.0	1.412	0.0	0.0	1.797	0.0	0.0	1.845	0.0	0.0	2.154	0.0
51	15026	15027	SN	1	0.0	23.295	5.97	0.0	25.534	6.83	0.0	125.086	1.902	0.0	244.058	2.639	0.0	1.413	0.0	0.0	1.756	0.0	0.0	1.836	0.0	0.0	2.108	0.0
52	15026	15027	SN	1	0.0	23.295	5.792	0.0	25.534	6.915	0.0	125.086	1.801	0.0	244.058	2.876	0.0	1.413	0.0	0.0	1.756	0.0	0.0	1.836	0.0	0.0	2.108	0.0
53	15026	15027	SN	1	0.0	23.295	5.792	0.0	25.534	6.915	0.0	125.086	1.801	0.0	244.058	2.876	0.0	1.413	0.0	0.0	1.756	0.0	0.0	1.836	0.0	0.0	2.108	0.0
54	15027	15028	NS	1	0.0	193.05	10.368	0.0	29.908	14.557	0.0	141.341	10.956	0.0	77.932	13.44	0.0	1.405	0.0	0.0	1.798	0.0	0.0	1.863	0.0	0.0	2.155	0.0
55	15027	15028	SN	1	0.0	23.295	5.807	0.0	25.54	6.902	0.0	124.799	1.788	0.0	65.27	2.851	0.0	1.412	0.0	0.0	1.756	0.0	0.0	1.849	0.0	0.0	2.111	0.0
56	15027	15028	SN	1	0.0	29.4	12.914	0.0	27.332	13.743	0.0	132.101	9.377	0.0	63.778	12.041	0.0	1.423	0.0	0.0	1.756	0.0	0.0	1.834	0.0	0.0	2.108	0.0
57	15027	15028	NS	1	0.0	80.776	6.485	0.0	24.702	7.524	0.0	339.126	2.866	0.0	69.566	3.73	0.0	1.423	0.0	0.0	1.796	0.0	0.0	1.865	0.0	0.0	2.155	0.0
58	15027	15028	SN	1	0.0	29.4	12.914	0.0	27.332	13.743	0.0	132.101	9.377	0.0	63.778	12.041	0.0	1.423	0.0	0.0	1.756	0.0	0.0	1.834	0.0	0.0	2.108	0.0
59	15027	15028	NS	1	0.0	193.05	10.368	0.0	29.908	14.557	0.0	141.341	10.956	0.0	77.932	13.44	0.0	1.405	0.0	0.0	1.798	0.0	0.0	1.863	0.0	0.0	2.155	0.0
60	15027	15028	NS	1	0.0	80.776	6.485	0.0	24.702	7.524	0.0	339.126	2.866	0.0	69.566	3.73	0.0	1.423	0.0	0.0	1.796	0.0	0.0	1.865	0.0	0.0	2.155	0.0
61	15027	15028	SN	1	0.0	23.295	5.807	0.0	25.54	6.902	0.0	124.799	1.788	0.0	65.27	2.851	0.0	1.412	0.0	0.0	1.756	0.0	0.0	1.849	0.0	0.0	2.111	0.0
62	15028	15029	NS	1	0.0	193.709	6.5	0.0	24.702	7.581	0.0	358.015	2.877	0.0	118.876	3.726	0.0	1.426	0.0	0.0	1.796	0.0	0.0	1.865	0.0	0.0	2.155	0.0
63	15028	15029	NS	1	0.0	193.709	6.5	0.0	24.702	7.581	0.0	358.015	2.879	0.0	118.876	3.726	0.0	1.426	0.0	0.0	1.796	0.0	0.0	1.865	0.0	0.0	2.155	0.0
64	15028	15029	SN	1	0.0	29.489	12.867	0.667	27.332	13.794	0.0	131.731	9.419	0.0	82.207	12.012	0.0	1.423	0.0	0.001	1.756	0.0	0.0	1.836	0.0	0.0	2.11	0.0
65	15028	15029	NS	1	0.0	82.601	10.427	0.0	29.996	14.493	0.0	356.68	11.086	0.0	69.836	13.517	0.0	1.4	0.0	0.0	1.795	0.0	0.0	1.853	0.0	0.0	2.156	0.0
66	15028	15029	SN	1	0.0	23.301	5.796	0.0	25.551	6.923	0.0	111.381	1.803	0.0	54.604	2.887	0.0	1.413	0.0	0.0	1.756	0.0	0.0	1.85	0.0	0.0	2.111	0.0
67	15028	15029	NS	1	0.0	82.601	10.427	0.0	29.996	14.493	0.0	356.68	11.086	0.0	69.836	13.517	0.0	1.4	0.0	0.0	1.795	0.0	0.0	1.853	0.0	0.0	2.156	0.0
68	15029	15030	SN	1	0.0	23.301	5.797	0.0	25.557	6.923	0.0	130.672	1.819	0.0	50.65	2.918	0.0	1.412	0.0	0.0	1.756	0.0	0.0	1.847	0.0	0.0	2.111	0.0

Parameter Specifications	Parameters	Azi.Angle	Inci.Angle	Normal	Deviations
	Range	10.0	3.0	Alarming	High Errors

69	15029	15030	NS	1	0.0	90.339	10.46	0.0	28.755	14.475	0.0	356.685	11.118	0.0	27.084	13.414	0.0	1.397	0.0	0.0	1.795	0.0	0.0	1.856	0.0	0.0	2.156	0.0
70	15029	15030	SN	1	0.0	29.461	12.878	0.667	27.338	13.697	0.0	132.211	9.462	0.0	38.307	12.0	0.0	1.423	0.0	0.001	1.757	0.0	0.0	1.84	0.0	0.0	2.11	0.0
71	15029	15030	NS	1	0.0	90.339	10.461	0.0	29.985	14.523	0.0	356.685	11.061	0.0	75.219	13.487	0.0	1.397	0.0	0.0	1.795	0.0	0.0	1.856	0.0	0.0	2.156	0.0
72	15029	15030	NS	1	0.0	239.597	6.516	0.0	24.696	7.565	0.0	356.685	2.91	0.0	16.418	3.704	0.0	1.43	0.0	0.0	1.798	0.0	0.0	1.868	0.0	0.0	2.155	0.0
73	15029	15030	NS	1	0.0	239.597	6.49	0.0	24.696	7.556	0.0	356.685	2.893	0.0	129.134	3.737	0.0	1.43	0.0	0.0	1.798	0.0	0.0	1.868	0.0	0.0	2.155	0.0
74	15030	15031	NS	1	0.0	240.702	6.614	0.0	24.702	7.566	0.0	205.961	3.03	0.0	14.08	3.658	0.0	1.43	0.0	0.0	1.797	0.0	0.0	1.866	0.0	0.0	2.155	0.0
75	15030	15031	NS	1	0.0	259.881	10.508	0.0	28.766	14.193	0.0	356.879	11.459	0.0	14.289	13.099	0.0	1.412	0.0	0.0	1.797	0.0	0.0	1.848	0.0	0.0	2.156	0.0
76	15030	15031	NS	1	0.0	259.881	10.467	0.0	29.969	14.552	0.0	356.879	11.091	0.0	66.616	13.521	0.0	1.412	0.0	0.0	1.797	0.0	0.0	1.848	0.0	0.0	2.156	0.0
77	15030	15031	SN	1	0.0	29.279	12.88	0.662	124.024	13.809	0.0	127.104	9.428	0.0	63.213	12.021	0.0	1.423	0.0	0.001	1.757	0.0	0.0	1.845	0.0	0.0	2.106	0.0
78	15030	15031	NS	1	0.0	240.702	6.497	0.0	24.702	7.531	0.0	205.961	2.933	0.0	123.481	3.723	0.0	1.43	0.0	0.0	1.797	0.0	0.0	1.866	0.0	0.0	2.155	0.0
79	15030	15031	SN	1	0.0	23.301	5.793	0.0	198.786	6.908	0.0	124.656	1.829	0.0	53.154	2.925	0.0	1.413	0.0	0.0	1.757	0.0	0.0	1.847	0.0	0.0	2.111	0.0
80	15031	15032	NS	1	0.0	42.65	10.571	0.0	28.766	13.901	0.0	228.567	12.077	0.0	14.289	12.802	0.0	1.412	0.0	0.0	1.798	0.0	0.0	1.849	0.0	0.0	2.154	0.0
81	15031	15032	NS	1	0.0	266.907	6.763	0.0	24.702	7.674	0.0	215.375	3.229	0.0	14.096	3.823	0.0	1.418	0.0	0.0	1.797	0.0	0.0	1.866	0.0	0.0	2.156	0.0
82	15031	15032	NS	1	0.0	266.907	6.491	0.0	24.702	7.506	0.0	215.375	2.974	0.0	126.034	3.743	0.0	1.418	0.0	0.0	1.797	0.0	0.0	1.866	0.0	0.0	2.156	0.0
83	15031	15032	SN	1	0.0	23.295	5.795	0.0	25.54	6.913	0.0	136.766	1.818	0.0	62.286	2.895	0.0	1.413	0.0	0.0	1.757	0.0	0.0	1.847	0.0	0.0	2.109	0.0
84	15031	15032	NS	1	0.0	42.65	10.411	0.0	29.946	14.522	0.0	228.567	11.138	0.0	75.897	13.528	0.0	1.412	0.0	0.0	1.798	0.0	0.0	1.849	0.0	0.0	2.154	0.0
85	15031	15032	SN	1	0.0	29.329	12.914	0.0	27.338	13.802	0.0	125.985	9.438	0.0	146.878	12.038	0.0	1.421	0.0	0.0	1.758	0.0	0.0	1.831	0.0	0.0	2.11	0.0
86	15032	15033	SN	1	0.0	29.389	12.89	0.0	72.282	13.842	0.0	138.272	9.471	0.0	61.738	11.925	0.0	1.424	0.0	0.0	1.758	0.0	0.0	1.814	0.0	0.0	2.11	0.0
87	15032	15033	SN	1	0.0	29.389	12.987	0.0	72.282	13.233	0.0	138.272	9.77	0.0	61.738	10.8	0.0	1.424	0.0	0.0	1.758	0.0	0.0	1.814	0.0	0.0	2.11	0.0
88	15032	15033	NS	1	0.0	150.959	10.633	0.0	28.75	13.818	0.0	227.949	12.568	0.0	14.284	12.767	0.0	1.406	0.0	0.0	1.8	0.0	0.0	1.846	0.0	0.0	2.157	0.0
89	15032	15033	NS	1	0.0	150.959	10.408	0.0	29.935	14.545	0.0	227.949	11.103	0.0	71.612	13.499	0.0	1.406	0.0	0.0	1.8	0.0	0.0	1.846	0.0	0.0	2.157	0.0
90	15032	15033	NS	1	0.0	166.942	6.911	0.0	24.702	7.802	0.0	301.607	3.41	0.0	14.113	4.041	0.0	1.42	0.0	0.0	1.798	0.0	0.0	1.869	0.0	0.0	2.155	0.0
91	15032	15033	SN	1	0.0	23.295	5.886	0.0	134.249	6.8	0.0	123.757	1.882	0.0	157.972	2.597	0.0	1.413	0.0	0.0	1.756	0.0	0.0	1.847	0.0	0.0	2.107	0.0
92	15032	15033	NS	1	0.0	166.942	6.488	0.0	24.702	7.515	0.0	301.607	2.999	0.0	68.143	3.769	0.0	1.42	0.0	0.0	1.798	0.0	0.0	1.869	0.0	0.0	2.155	0.0
93	15033	15034	SN	1	0.0	23.284	5.775	0.0	231.622	6.907	0.0	112.473	1.774	0.0	65.998	2.833	0.0	1.411	0.0	0.0	1.756	0.0	0.0	1.848	0.0	0.0	2.11	0.0
94	15033	15034	NS	1	0.0	102.003	10.449	0.0	29.902	14.547	0.0	242.434	11.132	0.0	74.177	13.511	0.0	1.41	0.0	0.0	1.799	0.0	0.0	1.846	0.0	0.0	2.155	0.0
95	15033	15034	SN	1	0.0	29.384	12.945	0.0	37.461	13.329	0.0	130.358	9.58	0.0	14.466	11.016	0.0	1.421	0.0	0.0	1.756	0.0	0.0	1.798	0.0	0.0	2.108	0.0
96	15034	15035	SN	1	0.0	23.295	5.779	0.0	25.54	6.891	0.0	125.725	1.801	0.0	52.321	2.876	0.0	1.412	0.0	0.0	1.757	0.0	0.0	1.846	0.0	0.0	2.111	0.0
97	15034	15035	SN	1	0.0	23.295	5.791	0.0	25.54	6.855	0.0	125.725	1.809	0.0	13.837	2.767	0.0	1.412	0.0	0.0	1.757	0.0	0.0	1.846	0.0	0.0	2.111	0.0
98	15034	15035	NS	1	0.0	24.205	6.485	0.0	24.702	7.524	0.0	350.073	2.955	0.0	138.123	3.721	0.0	1.428	0.0	0.0	1.797	0.0	0.0	1.866	0.0	0.0	2.155	0.0
99	15034	15035	NS	1	0.0	24.205	6.485	0.0	24.702	7.524	0.0	350.073	2.955	0.0	138.123	3.723	0.0	1.428	0.0	0.0	1.797	0.0	0.0	1.866	0.0	0.0	2.155	0.0
100	15034	15035	SN	1	0.0	29.378	12.915	0.0	27.338	13.774	0.0	127.369	9.403	0.0	56.716	11.827	0.0	1.423	0.0	0.0	1.758	0.0	0.0	1.8	0.0	0.0	2.11	0.0
101	15034	15035	SN	1	0.0	23.295	5.779	0.0	25.54	6.891	0.0	125.725	1.801	0.0	52.321	2.876	0.0	1.412	0.0	0.0	1.757	0.0	0.0	1.846	0.0	0.0	2.111	0.0
102	15034	15035	NS	1	0.0	69.475	10.398	0.0	29.875	14.567	0.0	350.233	11.104	0.0	71.954	13.49	0.0	1.412	0.0	0.0	1.799	0.0	0.0	1.846	0.0	0.0	2.156	0.0
103	15034	15035	SN	1	0.0	29.378	12.915	0.0	27.338	13.774	0.0	127.369	9.403	0.0	56.716	11.827	0.0	1.423	0.0	0.0	1.758	0.0	0.0	1.8	0.0	0.0	2.11	0.0
104	15035	15036	SN	1	0.0	23.306	5.801	0.0	25.545	6.844	0.0	118.71	1.842	0.0	47.983	2.855	0.0	1.412	0.0	0.0	1.757	0.0	0.0	1.847	0.0	0.0	2.11	0.0
105	15035	15036	SN	1	0.0	29.511	12.909	0.662	27.338	13.611	0.0	131.13	9.466	0.0	202.489	11.613	0.0	1.42	0.0	0.001	1.759	0.0	0.0	1.839	0.0	0.0	2.11	0.0

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

106	15035	15036	SN	1	0.0	29.511	12.909	0.662	27.338	13.611	0.0	131.13	9.466	0.0	202.489	11.613	0.0	1.42	0.0	0.001	1.759	0.0	0.0	1.839	0.0	0.0	2.11	0.0
107	15035	15036	NS	1	0.0	279.153	6.563	0.0	24.702	7.553	0.0	350.895	3.012	0.0	136.689	3.697	0.0	1.428	0.0	0.0	1.797	0.0	0.0	1.867	0.0	0.0	2.155	0.0
108	15035	15036	NS	1	0.0	279.153	6.566	0.0	24.702	7.562	0.0	350.889	3.006	0.0	136.601	3.695	0.0	1.428	0.0	0.0	1.796	0.0	0.0	1.867	0.0	0.0	2.155	0.0
109	15035	15036	SN	1	0.0	23.306	5.79	0.0	25.545	6.872	0.0	118.71	1.838	0.0	55.806	2.95	0.0	1.412	0.0	0.0	1.757	0.0	0.0	1.847	0.0	0.0	2.11	0.0
110	15035	15036	SN	1	0.0	29.511	12.888	0.662	27.338	13.697	0.0	131.13	9.413	0.0	202.489	11.829	0.0	1.42	0.0	0.001	1.759	0.0	0.0	1.839	0.0	0.0	2.11	0.0
111	15035	15036	NS	1	0.0	274.366	10.655	0.0	30.018	14.458	0.0	356.697	11.304	0.0	77.342	13.372	0.0	1.402	0.0	0.0	1.795	0.0	0.0	1.866	0.0	0.0	2.156	0.0
112	15035	15036	NS	1	0.0	274.371	10.665	0.0	30.024	14.458	0.0	356.697	11.297	0.0	77.381	13.386	0.0	1.402	0.0	0.0	1.795	0.0	0.0	1.866	0.0	0.0	2.156	0.0
113	15035	15036	SN	1	0.0	23.306	5.801	0.0	25.545	6.839	0.0	118.71	1.842	0.0	47.983	2.849	0.0	1.412	0.0	0.0	1.757	0.0	0.0	1.847	0.0	0.0	2.11	0.0
114	15036	15037	SN	1	0.0	23.312	5.796	0.0	25.529	6.863	0.0	154.552	1.838	0.0	59.876	2.971	0.0	1.413	0.0	0.0	1.757	0.0	0.0	1.847	0.0	0.0	2.11	0.0
115	15036	15037	NS	1	0.0	254.989	6.486	0.0	24.702	7.562	0.0	351.799	2.88	0.0	134.814	3.691	0.0	1.428	0.0	0.0	1.797	0.0	0.0	1.87	0.0	0.0	2.155	0.0
116	15036	15037	SN	1	0.0	29.307	12.877	0.662	27.338	13.52	0.0	162.549	9.493	0.0	17.852	11.516	0.0	1.423	0.0	0.001	1.759	0.0	0.0	1.847	0.0	0.0	2.11	0.0
117	15036	15037	SN	1	0.0	23.312	5.794	0.0	25.529	6.863	0.0	154.552	1.838	0.0	59.876	2.969	0.0	1.413	0.0	0.0	1.757	0.0	0.0	1.847	0.0	0.0	2.11	0.0
118	15036	15037	SN	1	0.0	23.312	5.816	0.0	25.529	6.818	0.0	154.552	1.847	0.0	13.076	2.839	0.0	1.413	0.0	0.0	1.757	0.0	0.0	1.847	0.0	0.0	2.11	0.0
119	15036	15037	NS	1	0.0	26.235	10.382	0.0	30.073	14.406	0.0	136.984	11.02	0.0	71.739	13.365	0.0	1.398	0.0	0.0	1.795	0.0	0.0	1.855	0.0	0.0	2.155	0.0
120	15036	15037	SN	1	0.0	29.307	12.866	0.662	27.343	13.717	0.0	162.549	9.42	0.0	39.658	11.908	0.0	1.423	0.0	0.001	1.759	0.0	0.0	1.847	0.0	0.0	2.11	0.0
121	15036	15037	SN	1	0.0	29.307	12.866	0.662	27.343	13.717	0.0	162.549	9.42	0.0	39.658	11.908	0.0	1.423	0.0	0.001	1.759	0.0	0.0	1.847	0.0	0.0	2.11	0.0
122	15037	15038	SN	1	0.0	29.428	12.912	0.0	27.343	13.781	0.0	126.062	9.445	0.0	71.119	12.046	0.0	1.42	0.0	0.0	1.758	0.0	0.0	1.835	0.0	0.0	2.111	0.0
123	15037	15038	NS	1	0.0	149.763	10.38	0.0	29.974	14.502	0.0	325.09	11.074	0.0	76.272	13.357	0.0	1.423	0.0	0.0	1.797	0.0	0.0	1.851	0.0	0.0	2.156	0.0
124	15037	15038	NS	1	0.0	266.945	6.486	0.0	24.696	7.54	0.0	319.928	2.846	0.0	126.994	3.691	0.0	1.431	0.0	0.0	1.796	0.0	0.0	1.866	0.0	0.0	2.154	0.0
125	15037	15038	NS	1	0.0	149.763	10.37	0.0	29.974	14.502	0.0	325.09	11.074	0.0	76.278	13.357	0.0	1.423	0.0	0.0	1.797	0.0	0.0	1.851	0.0	0.0	2.156	0.0
126	15037	15038	SN	1	0.0	23.295	5.797	0.0	25.518	6.906	0.0	179.006	1.834	0.0	280.027	2.977	0.0	1.411	0.0	0.0	1.757	0.0	0.0	1.847	0.0	0.0	2.11	0.0
127	15037	15038	SN	1	0.0	23.295	5.797	0.0	25.518	6.906	0.0	179.006	1.834	0.0	280.027	2.977	0.0	1.411	0.0	0.0	1.757	0.0	0.0	1.847	0.0	0.0	2.11	0.0
128	15037	15038	NS	1	0.0	266.951	6.491	0.0	24.696	7.54	0.0	319.928	2.85	0.0	127.005	3.691	0.0	1.431	0.0	0.0	1.796	0.0	0.0	1.866	0.0	0.0	2.155	0.0
129	15037	15038	SN	1	0.0	29.428	12.912	0.0	27.343	13.781	0.0	126.062	9.445	0.0	71.119	12.046	0.0	1.42	0.0	0.0	1.758	0.0	0.0	1.835	0.0	0.0	2.111	0.0
130	15038	15039	NS	1	0.0	40.477	10.337	0.0	29.93	14.528	0.0	334.614	10.99	0.0	80.238	13.39	0.0	1.405	0.0	0.0	1.798	0.0	0.0	1.846	0.0	0.0	2.154	0.0
131	15038	15039	SN	1	0.0	29.384	12.926	0.0	277.159	13.803	0.0	138.586	9.397	0.0	228.219	12.089	0.0	1.422	0.0	0.0	1.758	0.0	0.0	1.834	0.0	0.0	2.111	0.0
132	15038	15039	SN	1	0.0	29.384	12.926	0.0	277.159	13.803	0.0	138.586	9.397	0.0	228.219	12.089	0.0	1.422	0.0	0.0	1.758	0.0	0.0	1.834	0.0	0.0	2.111	0.0
133	15038	15039	SN	1	0.0	23.301	5.807	0.0	226.391	6.895	0.0	137.191	1.825	0.0	73.438	2.973	0.0	1.412	0.0	0.0	1.757	0.0	0.0	1.828	0.0	0.0	2.109	0.0
134	15038	15039	SN	1	0.0	23.301	5.807	0.0	226.391	6.895	0.0	137.191	1.825	0.0	73.504	2.973	0.0	1.412	0.0	0.0	1.757	0.0	0.0	1.828	0.0	0.0	2.109	0.0
135	15038	15039	NS	1	0.0	24.189	6.481	0.0	24.696	7.554	0.0	329.756	2.876	0.0	69.401	3.691	0.0	1.423	0.0	0.0	1.796	0.0	0.0	1.866	0.0	0.0	2.154	0.0
136	15039	15040	NS	1	0.0	25.909	10.378	0.0	29.864	14.538	0.0	352.08	11.053	0.0	68.303	13.404	0.0	1.406	0.0	0.0	1.798	0.0	0.0	1.845	0.0	0.0	2.155	0.0
137	15039	15040	NS	1	0.0	232.874	6.483	0.0	24.696	7.583	0.0	354.115	2.887	0.0	127.843	3.714	0.0	1.429	0.0	0.0	1.796	0.0	0.0	1.867	0.0	0.0	2.155	0.0
138	15039	15040	SN	1	0.0	29.395	12.916	0.0	27.338	13.845	0.0	129.878	9.467	0.0	37.855	12.055	0.0	1.42	0.0	0.0	1.757	0.0	0.0	1.796	0.0	0.0	2.11	0.0
139	15039	15040	SN	1	0.0	29.395	12.916	0.0	27.338	13.845	0.0	129.878	9.467	0.0	37.855	12.055	0.0	1.42	0.0	0.0	1.757	0.0	0.0	1.796	0.0	0.0	2.11	0.0
140	15039	15040	NS	1	0.0	24.222	6.483	0.0	24.696	7.581	0.0	354.104	2.891	0.0	127.794	3.705	0.0	1.428	0.0	0.0	1.796	0.0	0.0	1.866	0.0	0.0	2.155	0.0
141	15039	15040	SN	1	0.0	29.395	12.957	0.0	27.299	13.448	0.0	129.878	9.583	0.0	15.762	11.495	0.0	1.42	0.0	0.0	1.757	0.0	0.0	1.796	0.0	0.0	2.11	0.0
142	15039	15040	SN	1	0.0	23.306	5.804	0.0	25.545	6.925	0.0	111.817	1.8	0.0	63.307	2.929	0.0	1.413	0.0	0.0	1.756	0.0	0.0	1.848	0.0	0.0	2.11	0.0

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

143	15039	15040	SN	1	0.0	23.306	5.804	0.0	25.545	6.925	0.0	111.817	1.8	0.0	63.307	2.929	0.0	1.413	0.0	0.0	1.756	0.0	0.0	1.848	0.0	0.0	2.11	0.0
144	15039	15040	NS	1	0.0	69.475	10.368	0.0	29.864	14.538	0.0	352.086	11.039	0.0	68.342	13.397	0.0	1.406	0.0	0.0	1.798	0.0	0.0	1.846	0.0	0.0	2.155	0.0
145	15039	15040	SN	1	0.0	23.306	5.832	0.0	25.545	6.86	0.0	111.817	1.814	0.0	12.221	2.776	0.0	1.413	0.0	0.0	1.756	0.0	0.0	1.848	0.0	0.0	2.11	0.0
146	15040	15041	SN	1	0.0	23.284	5.786	0.0	266.681	6.918	0.0	130.137	1.78	0.0	181.264	2.849	0.0	1.412	0.0	0.0	1.756	0.0	0.0	1.844	0.0	0.0	2.11	0.0
147	15040	15041	SN	1	0.0	29.411	12.905	0.0	206.269	13.865	0.0	133.866	9.417	0.0	64.517	12.055	0.0	1.423	0.0	0.0	1.757	0.0	0.0	1.826	0.0	0.0	2.109	0.0
148	15040	15041	SN	1	0.0	23.284	5.844	0.0	266.681	6.852	0.0	130.137	1.807	0.0	181.264	2.646	0.0	1.412	0.0	0.0	1.756	0.0	0.0	1.844	0.0	0.0	2.11	0.0
149	15040	15041	NS	1	0.0	26.455	10.368	0.0	29.842	14.577	0.0	351.838	11.075	0.0	80.563	13.39	0.0	1.407	0.0	0.0	1.799	0.0	0.0	1.846	0.0	0.0	2.155	0.0
150	15040	15041	NS	1	0.0	26.455	10.368	0.0	29.842	14.577	0.0	351.838	11.075	0.0	80.563	13.39	0.0	1.407	0.0	0.0	1.799	0.0	0.0	1.846	0.0	0.0	2.155	0.0
151	15040	15041	NS	1	0.0	24.2	6.483	0.0	24.702	7.516	0.0	349.869	2.971	0.0	127.617	3.721	0.0	1.429	0.0	0.0	1.797	0.0	0.0	1.867	0.0	0.0	2.155	0.0
152	15040	15041	NS	1	0.0	24.2	6.483	0.0	24.702	7.516	0.0	349.869	2.971	0.0	127.617	3.721	0.0	1.429	0.0	0.0	1.797	0.0	0.0	1.867	0.0	0.0	2.155	0.0
153	15040	15041	SN	1	0.0	29.411	13.0	0.0	206.269	13.329	0.0	133.866	9.633	0.0	64.517	11.129	0.0	1.423	0.0	0.0	1.757	0.0	0.0	1.826	0.0	0.0	2.109	0.0
154	15040	15041	SN	1	0.0	23.284	5.786	0.0	266.681	6.918	0.0	130.137	1.78	0.0	181.264	2.849	0.0	1.412	0.0	0.0	1.756	0.0	0.0	1.844	0.0	0.0	2.11	0.0
155	15040	15041	SN	1	0.0	29.411	12.905	0.0	206.269	13.865	0.0	133.866	9.417	0.0	64.517	12.055	0.0	1.423	0.0	0.0	1.757	0.0	0.0	1.826	0.0	0.0	2.109	0.0
156	15041	15042	NS	1	0.0	218.306	10.392	0.0	30.024	14.394	0.0	356.763	11.013	0.0	70.962	13.435	0.0	1.408	0.0	0.0	1.796	0.0	0.0	1.864	0.0	0.0	2.155	0.0
157	15041	15042	SN	1	0.0	23.29	5.775	0.0	25.551	6.919	0.0	129.128	1.817	0.0	54.08	2.836	0.0	1.412	0.0	0.0	1.756	0.0	0.0	1.832	0.0	0.0	2.109	0.0
158	15041	15042	NS	1	0.0	258.579	6.494	0.0	24.702	7.503	0.0	351.204	2.957	0.0	133.413	3.727	0.0	1.419	0.0	0.0	1.796	0.0	0.0	1.867	0.0	0.0	2.155	0.0
159	15041	15042	NS	1	0.0	258.579	6.498	0.0	24.702	7.501	0.0	351.204	2.955	0.0	133.424	3.721	0.0	1.418	0.0	0.0	1.796	0.0	0.0	1.867	0.0	0.0	2.155	0.0
160	15041	15042	SN	1	0.0	29.511	12.87	0.0	27.338	13.839	0.0	128.626	9.4	0.0	63.136	11.995	0.0	1.421	0.0	0.0	1.756	0.0	0.0	1.839	0.0	0.0	2.11	0.0
161	15041	15042	NS	1	0.0	218.306	10.382	0.0	30.024	14.384	0.0	356.763	11.013	0.0	70.962	13.435	0.0	1.407	0.0	0.0	1.797	0.0	0.0	1.864	0.0	0.0	2.155	0.0
162	15042	15043	SN	1	0.0	23.312	5.793	0.0	25.534	6.897	0.0	132.36	1.797	0.0	189.377	2.835	0.0	1.412	0.0	0.0	1.756	0.0	0.0	1.845	0.0	0.0	2.109	0.0
163	15042	15043	NS	1	0.0	80.174	10.377	0.0	30.007	14.502	0.0	219.048	11.058	0.0	75.225	13.507	0.0	1.406	0.0	0.0	1.797	0.0	0.0	1.862	0.0	0.0	2.154	0.0
164	15042	15043	NS	1	0.0	106.109	6.494	0.0	24.702	7.504	0.0	351.501	2.931	0.0	125.643	3.741	0.0	1.424	0.0	0.0	1.796	0.0	0.0	1.866	0.0	0.0	2.155	0.0
165	15042	15043	SN	1	0.0	29.599	12.903	0.0	27.332	13.895	0.0	140.555	9.467	0.0	153.485	11.983	0.0	1.422	0.0	0.0	1.757	0.0	0.0	1.836	0.0	0.0	2.111	0.0
166	15043	15044	NS	1	0.0	149.735	10.428	0.0	29.969	14.502	0.0	138.799	11.051	0.0	77.16	13.521	0.0	1.411	0.0	0.0	1.797	0.0	0.0	1.858	0.0	0.0	2.154	0.0
167	15043	15044	NS	1	0.0	253.723	6.491	0.0	24.702	7.529	0.0	132.484	2.929	0.0	122.273	3.738	0.0	1.424	0.0	0.0	1.796	0.0	0.0	1.868	0.0	0.0	2.155	0.0
168	15043	15044	SN	1	0.0	29.389	12.926	0.0	27.332	13.819	0.0	126.084	9.389	0.0	72.702	12.007	0.0	1.422	0.0	0.0	1.757	0.0	0.0	1.83	0.0	0.0	2.11	0.0
169	15043	15044	SN	1	0.0	23.29	5.791	0.0	25.534	6.901	0.0	145.072	1.807	0.0	248.407	2.906	0.0	1.412	0.0	0.0	1.756	0.0	0.0	1.847	0.0	0.0	2.11	0.0
170	15044	15045	NS	1	0.0	25.948	10.341	0.0	28.761	14.305	0.0	211.591	11.319	0.0	16.666	13.137	0.0	1.408	0.0	0.0	1.798	0.0	0.0	1.849	0.0	0.0	2.155	0.0
171	15044	15045	NS	1	0.0	24.2	6.576	0.0	24.707	7.552	0.0	303.295	3.041	0.0	14.113	3.662	0.0	1.423	0.0	0.0	1.797	0.0	0.0	1.865	0.0	0.0	2.156	0.0
172	15045	15046	SN	1	0.0	23.295	5.774	0.0	131.913	6.914	0.0	112.109	1.821	0.0	69.075	2.865	0.0	1.411	0.0	0.0	1.756	0.0	0.0	1.846	0.0	0.0	2.109	0.0
173	15045	15046	SN	1	0.0	29.423	12.916	0.0	80.108	13.775	0.0	128.477	9.375	0.0	50.694	11.998	0.0	1.421	0.0	0.0	1.757	0.0	0.0	1.823	0.0	0.0	2.109	0.0
174	15046	15047	SN	1	0.0	23.29	5.777	0.0	25.54	6.903	0.0	130.088	1.826	0.0	71.822	2.83	0.0	1.412	0.0	0.0	1.756	0.0	0.0	1.846	0.0	0.0	2.109	0.0
175	15046	15047	NS	1	0.0	94.348	10.447	0.0	30.018	14.454	0.0	356.685	11.121	0.0	76.57	13.471	0.0	1.41	0.0	0.0	1.797	0.0	0.0	1.865	0.0	0.0	2.158	0.0
176	15046	15047	SN	1	0.0	29.406	12.896	0.0	27.343	13.806	0.0	132.647	9.446	0.0	141.463	11.942	0.0	1.422	0.0	0.0	1.756	0.0	0.0	1.797	0.0	0.0	2.109	0.0
177	15046	15047	NS	1	0.0	102.135	6.487	0.0	24.702	7.473	0.0	344.668	3.054	0.0	131.13	3.771	0.0	1.421	0.0	0.0	1.797	0.0	0.0	1.866	0.0	0.0	2.156	0.0
178	15047	15048	NS	1	0.0	26.378	10.435	0.0	30.018	14.525	0.0	137.188	11.034	0.0	69.914	13.447	0.0	1.407	0.0	0.0	1.799	0.0	0.0	1.848	0.0	0.0	2.156	0.0
179	15047	15048	SN	1	0.0	23.284	5.75	0.0	25.568	6.883	0.0	127.27	1.84	0.0	192.813	2.797	0.0	1.411	0.0	0.0	1.755	0.0	0.0	1.816	0.0	0.0	2.109	0.0

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

180	15047	15048	SN	1	0.0	29.505	12.819	0.0	27.338	13.768	0.0	126.972	9.456	0.0	80.378	11.839	0.0	1.422	0.0	0.0	1.756	0.0	0.0	1.842	0.0	0.0	2.109	0.0
181	15047	15048	SN	1	0.0	29.505	12.819	0.0	27.338	13.768	0.0	126.972	9.449	0.0	80.378	11.839	0.0	1.422	0.0	0.0	1.756	0.0	0.0	1.842	0.0	0.0	2.109	0.0
182	15047	15048	NS	1	0.0	24.211	6.477	0.0	24.707	7.489	0.0	161.507	3.055	0.0	124.159	3.799	0.0	1.429	0.0	0.0	1.798	0.0	0.0	1.866	0.0	0.0	2.156	0.0
183	15047	15048	SN	1	0.0	23.284	5.75	0.0	25.568	6.883	0.0	127.27	1.844	0.0	192.813	2.797	0.0	1.411	0.0	0.0	1.755	0.0	0.0	1.816	0.0	0.0	2.109	0.0

Parameter Specifications	Parameters	Azi.Angle	Inci.Angle	Normal	Deviations
	Range	10.0	3.0	Alarming	High Errors