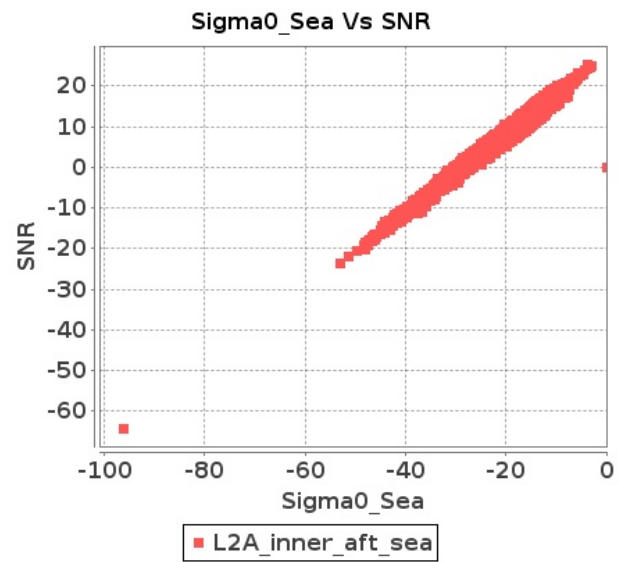


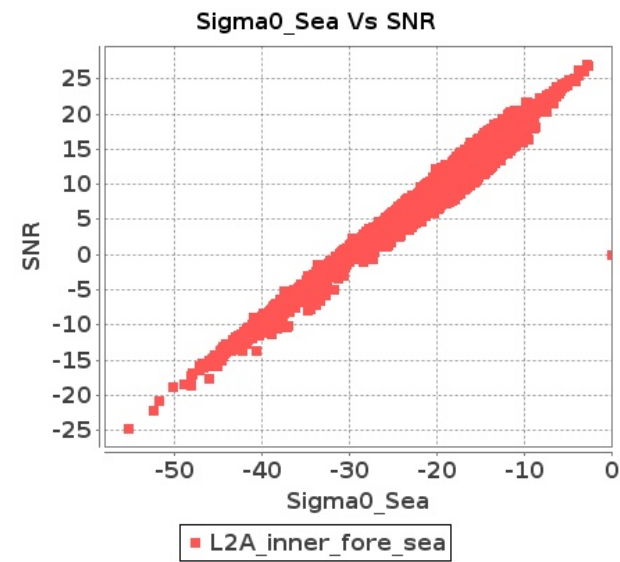
# SCATSAT-1 Scatterometer Level-2A Data Quality Cycle wise Report

Report between 27-JUL-2017 To 28-JUL-2017

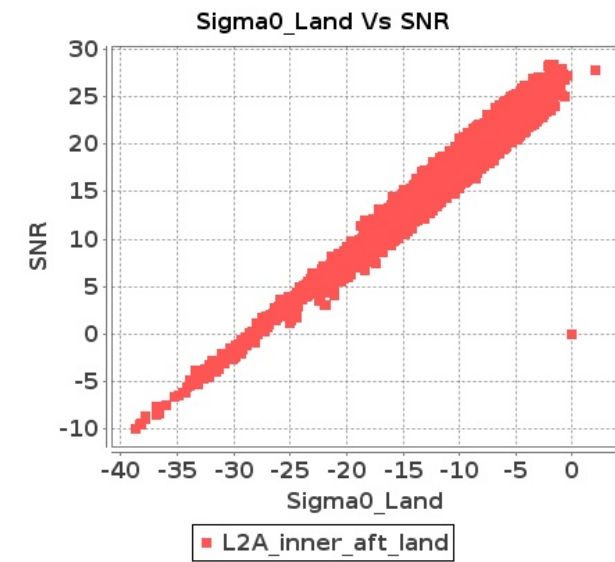
### Inner Sea Aft Sigma0VsSNR



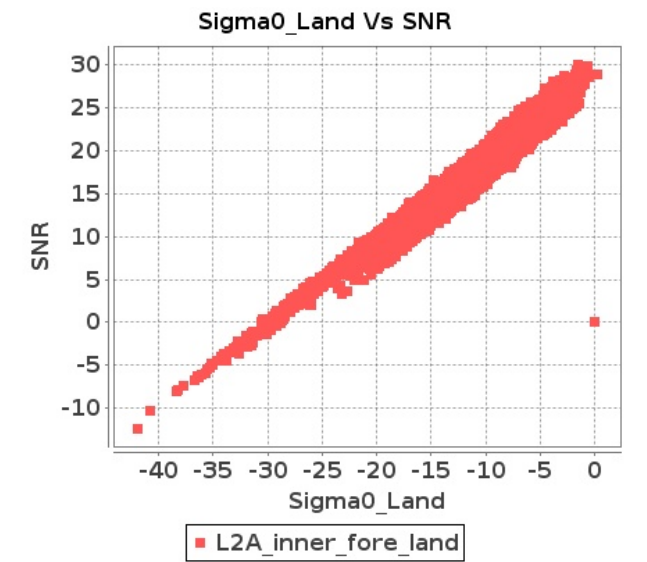
### Inner Sea Fore Sigma0VsSNR



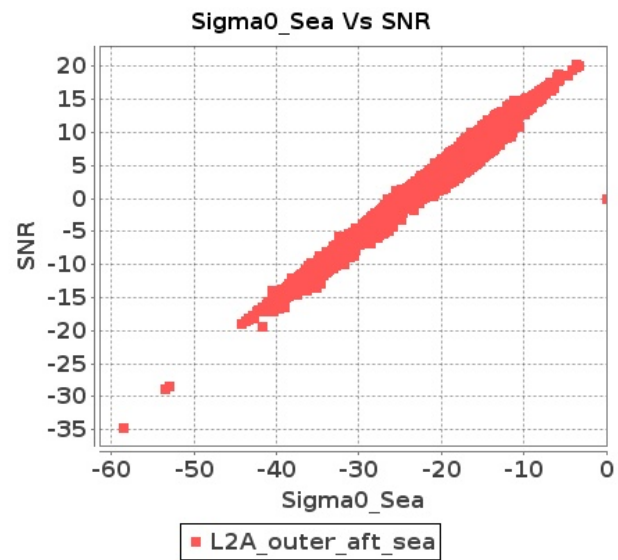
### Inner Land Aft Sigma0VsSNR



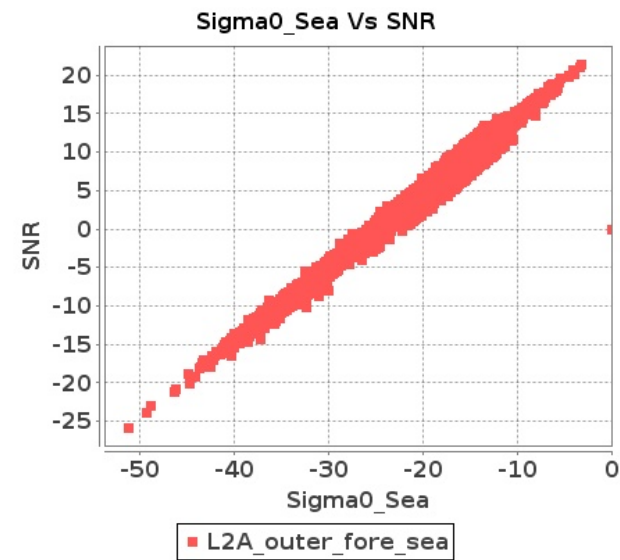
### Inner Land Fore Sigma0VsSNR



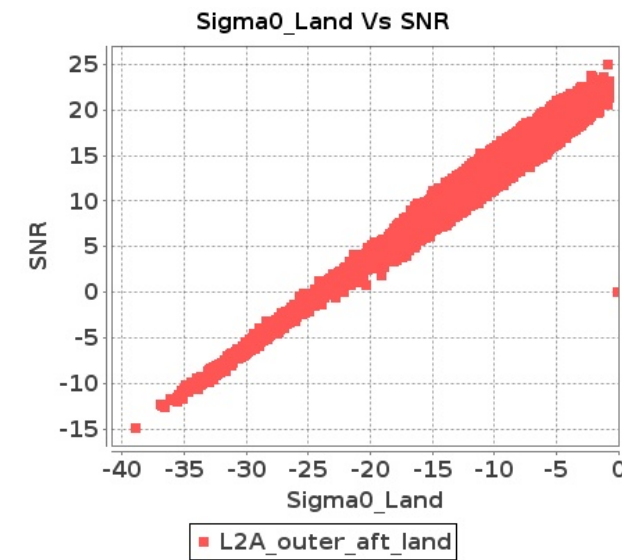
### Outer Sea Aft Sigma0VsSNR



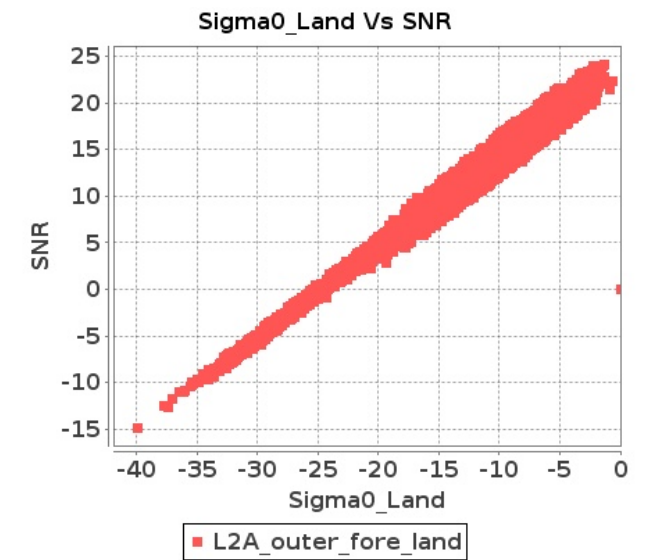
### Outer Sea Fore Sigma0VsSNR



### Outer Land Aft Sigma0VsSNR



### Outer Land Fore Sigma0VsSNR



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

Report between 27-JUL-2017 To 28-JUL-2017

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	4404	4405	SN	1	0.0	44.787	2.694	0.0	46.503	2.699	0.0	43.718	1.936	0.0	43.031	2.143	0.0	44.251	2.368	0.0	46.799	2.48	0.0	41.765	1.767	0.0	42.257	1.916
2	4404	4405	SN	1	0.0	44.787	2.615	0.0	46.503	2.554	0.0	43.718	1.895	0.0	43.031	2.029	0.0	44.251	2.293	0.0	46.799	2.337	0.0	41.765	1.718	0.0	42.257	1.81
3	4404	4405	SN	1	0.0	53.04	8.314	0.0	53.471	7.969	0.0	43.898	6.619	0.0	45.412	6.57	0.0	52.787	7.531	0.0	55.101	7.254	0.0	43.472	6.158	0.0	43.281	6.202
4	4404	4405	SN	1	0.0	49.504	8.412	0.0	53.471	8.378	0.0	43.898	6.689	0.0	45.412	6.889	0.0	50.449	7.657	0.0	55.101	7.632	0.0	43.472	6.262	0.0	43.281	6.544
5	4405	4406	NS	1	0.0	56.602	11.535	0.0	49.165	10.016	0.0	49.188	6.819	0.0	49.558	6.825	0.0	55.904	10.599	0.0	50.118	9.263	0.0	49.19	6.406	0.0	51.278	6.105
6	4405	4406	SN	1	0.0	54.174	7.52	0.0	54.383	7.134	0.0	44.883	5.315	0.0	49.193	5.457	0.0	53.37	6.697	0.0	54.912	6.065	0.0	44.608	4.699	0.0	46.674	4.709
7	4405	4406	SN	1	0.0	48.91	2.345	0.0	47.083	2.169	0.0	43.678	1.357	0.0	46.633	1.527	0.0	49.184	1.974	0.0	46.102	1.832	0.0	41.039	1.207	0.0	45.236	1.34
8	4405	4406	SN	1	0.0	54.174	7.695	0.0	54.383	7.298	0.0	48.336	5.397	0.0	49.193	5.571	0.0	53.37	6.851	0.0	54.912	6.215	0.0	46.694	4.786	0.0	46.674	4.798
9	4405	4406	SN	1	0.0	46.023	2.287	0.0	47.083	2.148	0.0	41.472	1.336	0.0	46.633	1.516	0.0	46.425	1.924	0.0	46.102	1.815	0.0	41.039	1.193	0.0	45.236	1.322
10	4405	4406	SN	1	0.0	46.023	2.287	0.0	47.083	2.124	0.0	41.472	1.336	0.0	46.633	1.499	0.0	46.425	1.924	0.0	46.102	1.794	0.0	41.039	1.193	0.0	45.236	1.307
11	4405	4406	NS	1	0.0	49.707	3.203	0.0	47.839	2.7	0.0	44.676	1.848	0.0	42.948	1.869	0.0	49.268	2.807	0.0	48.166	2.406	0.0	42.272	1.733	0.0	42.354	1.638
12	4405	4406	SN	1	0.0	54.174	7.522	0.0	54.383	7.214	0.0	44.883	5.315	0.0	49.193	5.518	0.0	53.37	6.698	0.0	54.912	6.133	0.0	44.608	4.699	0.0	46.674	4.761
13	4406	4407	SN	1	0.0	50.974	6.844	0.0	56.483	6.499	0.0	46.597	4.911	0.0	48.843	5.089	0.0	56.921	6.702	0.0	57.617	6.06	0.0	43.799	4.882	0.0	45.474	4.779
14	4406	4407	SN	1	0.0	43.796	2.189	0.0	45.646	2.185	0.0	44.309	1.467	0.0	45.525	1.663	0.0	41.927	2.072	0.0	47.627	2.036	0.0	40.109	1.396	0.0	43.348	1.421
15	4406	4407	SN	1	0.0	43.796	2.216	0.0	45.646	2.186	0.0	44.309	1.479	0.0	45.525	1.662	0.0	40.699	2.095	0.0	47.627	2.04	0.0	40.109	1.411	0.0	43.348	1.418
16	4406	4407	SN	1	0.0	50.921	6.795	0.0	54.846	6.512	0.0	43.902	4.838	0.0	45.384	5.079	0.0	56.868	6.584	0.0	55.975	6.114	0.0	46.325	4.838	0.0	45.409	4.741
17	4406	4407	SN	1	0.0	50.921	6.875	0.0	54.846	6.52	0.0	43.902	4.889	0.0	45.384	5.096	0.0	56.868	6.661	0.0	55.975	6.121	0.0	46.325	4.889	0.0	45.409	4.757
18	4406	4407	SN	1	0.0	43.796	2.193	0.0	46.388	2.216	0.0	47.004	1.511	0.0	49.612	1.648	0.0	40.494	2.081	0.0	46.558	2.051	0.0	42.801	1.445	0.0	46.196	1.425
19	4406	4407	NS	1	0.0	40.241	1.229	0.0	48.679	0.917	0.0	43.649	0.776	0.0	44.899	0.708	0.0	40.329	0.987	0.0	45.899	0.754	0.0	47.616	0.628	0.0	44.535	0.566
20	4406	4407	NS	1	0.0	44.527	1.236	0.0	48.593	0.915	0.0	39.896	0.781	0.0	45.234	0.701	0.0	45.126	1.01	0.0	45.81	0.756	0.0	43.862	0.635	0.0	44.82	0.566
21	4406	4407	NS	1	0.0	49.092	4.325	0.0	48.56	3.356	0.0	43.268	2.729	0.0	45.191	2.444	0.0	49.334	3.842	0.0	49.661	2.874	0.0	43.461	2.273	0.0	44.812	1.988
22	4406	4407	NS	1	0.0	49.092	4.274	0.0	48.579	3.356	0.0	42.598	2.651	0.0	44.735	2.437	0.0	49.334	3.802	0.0	49.681	2.833	0.0	42.791	2.216	0.0	44.676	1.924
23	4407	4408	SN	1	0.0	43.342	5.783	0.0	44.656	4.579	0.0	40.627	4.147	0.0	38.93	4.422	0.0	44.137	5.11	0.0	46.862	4.149	0.0	39.736	3.917	0.0	38.562	3.858
24	4407	4408	NS	1	0.0	48.328	1.528	0.0	40.915	1.175	0.0	47.626	0.984	0.0	39.544	0.887	0.0	46.068	1.333	0.0	41.217	1.014	0.0	46.142	0.879	0.0	40.421	0.74
25	4407	4408	SN	1	0.0	43.342	5.761	0.0	44.656	4.828	0.0	40.627	4.123	0.0	38.93	4.561	0.0	44.137	5.109	0.0	46.862	4.399	0.0	39.736	3.903	0.0	38.562	3.991
26	4407	4408	NS	1	0.0	48.016	4.848	0.0	45.93	3.907	0.0	39.53	3.307	0.0	40.169	3.063	0.0	47.639	4.154	0.0	47.843	3.375	0.0	38.848	2.993	0.0	42.139	2.729
27	4407	4408	SN	1	0.0	47.802	1.829	0.0	46.555	1.667	0.0	41.469	1.445	0.0	40.267	1.588	0.0	47.094	1.568	0.0	44.158	1.434	0.0	38.976	1.233	0.0	39.869	1.304
28	4407	4408	SN	1	0.0	47.802	1.829	0.0	46.555	1.65	0.0	41.469	1.445	0.0	40.267	1.57	0.0	47.094	1.568	0.0	44.158	1.42	0.0	38.976	1.233	0.0	39.869	1.29
29	4407	4408	SN	1	0.0	43.342	5.77	0.0	44.656	4.783	0.0	40.627	4.123	0.0	38.93	4.511	0.0	44.137	5.108	0.0	46.862	4.359	0.0	39.736	3.903	0.0	38.562	3.948
30	4407	4408	SN	1	0.0	47.802	1.841	0.0	46.555	1.6	0.0	41.469	1.446	0.0	40.267	1.551	0.0	47.094	1.571	0.0	44.158	1.366	0.0	38.976	1.232	0.0	39.869	1.263
31	4408	4409	SN	1	0.0	44.501	7.298	0.0	44.365	6.72	0.0	40.895	4.974	0.0	46.254	5.095	0.0	42.929	6.695	0.0	47.954	6.236	0.0	41.553	4.832	0.0	47.126	4.731

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

32	4408	4409	SN	1	0.0	38.873	2.257	0.0	46.645	2.121	0.0	42.163	1.767	0.0	38.299	1.768	0.0	39.56	1.969	0.0	45.079	1.858	0.0	42.563	1.539	0.0	36.818	1.545
33	4408	4409	NS	1	0.0	46.52	1.714	0.0	44.221	1.433	0.0	40.561	1.05	0.0	39.017	0.985	0.0	44.832	1.465	0.0	48.755	1.286	0.0	40.919	0.948	0.0	39.18	0.9
34	4408	4409	SN	1	0.0	39.427	2.231	0.0	46.645	2.131	0.0	38.355	1.771	0.0	38.299	1.78	0.0	39.693	1.934	0.0	45.079	1.874	0.0	37.795	1.534	0.0	36.818	1.562
35	4408	4409	SN	1	0.0	44.501	7.279	0.0	44.365	6.797	0.0	40.895	4.974	0.0	46.254	5.151	0.0	42.929	6.667	0.0	47.954	6.307	0.0	38.35	4.832	0.0	47.126	4.784
36	4408	4409	NS	1	0.0	54.527	5.933	0.0	57.94	5.176	0.0	45.485	3.817	0.0	45.657	3.798	0.0	53.485	5.209	0.0	58.602	4.794	0.0	47.561	3.561	0.0	44.209	3.577
37	4408	4409	SN	1	0.0	38.873	2.264	0.0	46.645	2.098	0.0	38.961	1.767	0.0	38.299	1.748	0.0	39.56	1.973	0.0	45.079	1.838	0.0	39.361	1.541	0.0	36.818	1.528
38	4408	4409	NS	1	0.0	43.461	1.675	0.0	46.492	1.441	0.0	40.672	0.987	0.0	43.22	0.986	0.0	43.793	1.48	0.0	45.56	1.334	0.0	40.382	0.866	0.0	44.236	0.906
39	4408	4409	NS	1	0.0	53.008	6.094	0.0	52.623	5.303	0.0	44.281	3.962	0.0	48.269	3.832	0.0	51.962	5.28	0.0	54.696	4.761	0.0	46.818	3.649	0.0	46.775	3.412
40	4408	4409	SN	1	0.0	44.501	7.061	0.0	44.366	6.793	0.0	40.895	4.957	0.0	46.252	5.179	0.0	42.929	6.402	0.0	47.64	6.318	0.0	38.35	4.834	0.0	47.126	4.821
41	4409	4410	SN	1	0.0	45.712	2.544	0.0	39.698	2.201	0.0	39.879	1.953	0.0	42.3	1.896	0.0	44.649	2.112	0.0	39.626	1.746	0.0	38.916	1.683	0.0	42.681	1.581
42	4409	4410	NS	1	0.0	52.42	7.194	0.0	52.626	6.773	0.0	44.473	6.21	0.0	48.666	6.307	0.0	50.787	6.902	0.0	52.061	6.482	0.0	45.267	6.181	0.0	49.875	6.1
43	4409	4410	SN	1	0.0	48.136	6.918	0.0	46.589	6.706	0.0	39.41	5.511	0.0	43.482	5.397	0.0	52.221	5.907	0.0	47.192	5.942	0.0	40.348	5.003	0.0	40.232	4.872
44	4409	4410	SN	1	0.0	45.986	2.528	0.0	41.322	2.175	0.0	40.284	1.98	0.0	43.565	1.842	0.0	44.922	2.132	0.0	40.668	1.714	0.0	40.245	1.696	0.0	40.848	1.521
45	4409	4410	SN	1	0.0	45.712	2.533	0.0	39.698	2.181	0.0	39.879	1.931	0.0	42.3	1.856	0.0	44.649	2.11	0.0	39.626	1.722	0.0	38.916	1.668	0.0	42.681	1.542
46	4409	4410	SN	1	0.0	48.675	7.134	0.0	44.434	6.531	0.0	39.481	5.384	0.0	45.572	5.21	0.0	52.758	6.241	0.0	46.472	5.824	0.0	38.13	4.944	0.0	42.324	4.669
47	4409	4410	NS	1	0.0	48.056	2.299	0.0	46.654	2.24	0.0	40.839	1.748	0.0	44.716	1.958	0.0	51.469	2.362	0.0	45.632	2.247	0.0	42.833	1.721	0.0	42.701	1.894
48	4409	4410	SN	1	0.0	46.265	7.176	0.0	46.589	6.618	0.0	44.356	5.497	0.0	43.482	5.275	0.0	49.927	6.122	0.0	47.192	5.883	0.0	41.047	5.022	0.0	40.232	4.77
49	4409	4410	NS	1	0.0	50.1	7.164	0.0	51.917	6.823	0.0	47.16	6.217	0.0	48.783	6.271	0.0	51.359	6.952	0.0	51.567	6.432	0.0	47.972	6.153	0.0	49.304	6.185
50	4409	4410	NS	1	0.0	49.41	2.315	0.0	44.724	2.253	0.0	43.54	1.8	0.0	42.377	1.957	0.0	48.503	2.362	0.0	45.147	2.271	0.0	45.537	1.741	0.0	41.995	1.871
51	4410	4411	SN	1	0.0	50.683	9.989	0.0	50.865	10.847	0.0	46.012	6.686	0.0	43.483	7.775	0.0	50.622	9.235	0.0	52.501	10.193	0.0	43.27	6.189	0.0	44.15	6.932
52	4410	4411	NS	1	0.0	53.458	8.562	0.0	49.072	7.196	0.0	46.88	6.922	0.0	47.049	6.356	0.0	55.318	7.878	0.0	48.252	6.593	0.0	47.537	6.381	0.0	47.373	5.722
53	4410	4411	NS	1	0.0	49.832	8.6	0.0	50.27	6.988	0.0	51.735	6.842	0.0	47.498	6.109	0.0	52.148	8.218	0.0	51.121	6.475	0.0	51.729	6.471	0.0	49.221	5.617
54	4410	4411	SN	1	0.0	52.163	3.206	0.0	44.359	3.444	0.0	42.187	2.069	0.0	45.714	2.296	0.0	52.258	2.96	0.0	46.474	3.03	0.0	42.107	1.948	0.0	47.5	2.033
55	4410	4411	SN	1	0.0	52.163	3.206	0.0	44.359	3.482	0.0	42.187	2.069	0.0	45.714	2.323	0.0	52.258	2.958	0.0	46.474	3.064	0.0	42.107	1.948	0.0	47.5	2.056
56	4410	4411	SN	1	0.0	50.683	9.987	0.0	50.865	10.737	0.0	46.012	6.686	0.0	43.483	7.691	0.0	50.622	9.233	0.0	52.501	10.081	0.0	43.27	6.182	0.0	44.15	6.857
57	4410	4411	NS	1	0.0	45.794	2.758	0.0	49.055	2.251	0.0	41.282	2.14	0.0	40.507	1.882	0.0	45.003	2.468	0.0	48.49	1.984	0.0	40.346	1.968	0.0	38.788	1.692
58	4410	4411	SN	1	0.0	52.163	3.293	0.0	44.359	3.511	0.0	42.187	2.081	0.0	45.714	2.336	0.0	52.258	3.036	0.0	46.474	3.084	0.0	42.107	1.947	0.0	47.5	2.066
59	4410	4411	SN	1	0.0	50.683	10.16	0.0	50.865	10.879	0.0	46.012	6.766	0.0	43.483	7.797	0.0	50.622	9.344	0.0	52.501	10.133	0.0	43.27	6.228	0.0	44.15	6.946
60	4410	4411	NS	1	0.0	48.686	2.765	0.0	47.481	2.24	0.0	40.228	2.068	0.0	41.345	1.884	0.0	48.631	2.528	0.0	48.152	2.002	0.0	42.599	1.96	0.0	40.931	1.683
61	4411	4412	NS	1	0.0	42.999	2.592	0.0	45.216	2.057	0.0	40.14	2.074	0.0	39.566	1.678	0.0	44.793	2.465	0.0	42.938	1.905	0.0	39.52	1.92	0.0	38.756	1.557
62	4411	4412	NS	1	0.0	42.999	2.592	0.0	45.216	2.059	0.0	40.14	2.076	0.0	39.566	1.678	0.0	44.793	2.465	0.0	42.938	1.905	0.0	39.52	1.92	0.0	38.756	1.557
63	4411	4412	SN	1	0.0	46.608	2.706	0.0	49.643	2.867	0.0	43.704	1.839	0.0	45.438	2.027	0.0	45.223	2.542	0.0	47.17	2.79	0.0	44.866	1.77	0.0	43.922	1.937
64	4411	4412	SN	1	0.0	46.608	2.706	0.0	49.643	2.899	0.0	43.704	1.839	0.0	45.438	2.05	0.0	45.223	2.542	0.0	47.17	2.821	0.0	44.866	1.77	0.0	43.922	1.959
65	4411	4412	SN	1	0.0	50.94	8.188	0.0	55.443	8.295	0.0	47.576	6.232	0.0	48.822	6.884	0.0	52.195	7.675	0.0	54.13	7.992	0.0	45.304	6.055	0.0	47.574	6.727
66	4411	4412	SN	1	0.0	50.94	8.229	0.0	55.443	8.295	0.0	47.576	6.239	0.0	48.822	6.841	0.0	52.195	7.686	0.0	54.13	7.952	0.0	45.304	6.04	0.0	47.574	6.677
67	4411	4412	SN	1	0.0	50.94	8.189	0.0	55.443	8.395	0.0	47.576	6.232	0.0	48.822	6.961	0.0	52.195	7.677	0.0	54.13	8.089	0.0	45.304	6.055	0.0	47.574	6.803

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

68	4411	4412	NS	1	0.0	46.755	8.107	0.0	46.252	6.736	0.0	44.431	5.858	0.0	38.567	5.203	0.0	49.16	7.916	0.0	45.354	6.163	0.0	40.942	5.709	0.0	36.462	4.854
69	4411	4412	NS	1	0.0	46.755	8.107	0.0	46.252	6.726	0.0	44.431	5.858	0.0	38.567	5.203	0.0	49.16	7.916	0.0	45.354	6.163	0.0	40.942	5.709	0.0	36.462	4.854
70	4411	4412	SN	1	0.0	46.608	2.7	0.0	49.643	2.881	0.0	43.704	1.841	0.0	45.438	2.029	0.0	45.223	2.537	0.0	47.17	2.792	0.0	44.866	1.763	0.0	43.922	1.935
71	4412	4413	NS	1	0.0	45.824	2.377	0.0	52.85	2.086	0.0	43.511	2.048	0.0	42.645	1.807	0.0	47.734	2.198	0.0	55.769	1.869	0.0	47.263	2.012	0.0	42.809	1.718
72	4412	4413	SN	1	0.0	48.822	1.806	0.0	45.906	1.791	0.0	39.363	1.058	0.0	40.609	1.169	0.0	52.973	1.599	0.0	44.995	1.63	0.0	36.56	0.982	0.0	38.516	1.073
73	4412	4413	SN	1	0.0	55.514	5.898	0.0	46.88	6.387	0.0	44.258	3.878	0.0	49.702	4.254	0.0	55.481	5.456	0.0	46.969	5.993	0.0	45.236	3.51	0.0	45.118	3.905
74	4412	4413	NS	1	0.0	51.579	6.82	0.0	49.558	6.072	0.0	42.047	6.285	0.0	46.704	5.745	0.0	50.923	6.347	0.0	48.656	5.59	0.0	43.259	6.029	0.0	45.678	5.438
75	4412	4413	NS	1	0.0	45.179	2.316	0.0	54.242	2.041	0.0	43.74	2.009	0.0	44.583	1.807	0.0	44.375	2.203	0.0	56.117	1.846	0.0	44.029	1.943	0.0	40.256	1.717
76	4412	4413	NS	1	0.0	53.382	6.809	0.0	47.979	6.153	0.0	39.585	6.364	0.0	42.621	5.845	0.0	51.357	6.266	0.0	46.933	5.57	0.0	38.398	6.178	0.0	42.934	5.545
77	4413	4414	NS	1	0.0	50.174	11.233	0.0	53.378	10.134	0.0	48.904	7.781	0.0	52.712	7.464	0.0	50.76	10.68	0.0	53.101	9.672	0.0	46.351	7.389	0.0	51.515	7.066
78	4413	4414	NS	1	0.0	46.243	3.574	0.0	45.937	2.984	0.0	40.712	2.241	0.0	44.728	2.213	0.0	45.723	3.343	0.0	45.553	2.729	0.0	43.699	2.079	0.0	42.751	2.044
79	4413	4414	SN	1	0.0	41.826	1.211	0.0	43.707	1.112	0.0	37.563	0.927	0.0	40.575	0.975	0.0	38.926	1.09	0.0	45.506	1.021	0.0	38.694	0.815	0.0	38.918	0.872
80	4413	4414	SN	1	0.0	45.729	3.786	0.0	45.858	3.732	0.0	43.932	3.282	0.0	47.035	3.211	0.0	45.509	3.585	0.0	47.296	3.611	0.0	43.013	2.977	0.0	44.88	3.069
81	4414	4415	SN	1	0.0	51.24	5.785	0.0	48.639	5.195	0.0	47.329	4.693	0.0	44.831	4.806	0.0	48.123	5.403	0.0	49.404	5.094	0.0	50.317	4.509	0.0	44.194	4.485
82	4414	4415	NS	1	0.0	54.181	2.359	0.0	49.682	2.028	0.0	41.0	1.542	0.0	45.952	1.554	0.0	54.842	2.132	0.0	45.586	1.827	0.0	42.016	1.439	0.0	42.576	1.382
83	4414	4415	NS	1	0.0	50.686	7.462	0.0	49.071	5.936	0.0	43.471	5.287	0.0	43.85	5.321	0.0	53.122	6.657	0.0	53.609	5.594	0.0	43.479	5.045	0.0	41.214	4.772
84	4414	4415	SN	1	0.0	42.829	1.882	0.0	43.301	1.756	0.0	44.571	1.361	0.0	42.238	1.31	0.0	42.417	1.734	0.0	41.644	1.658	0.0	48.524	1.27	0.0	42.288	1.23
85	4415	4416	SN	1	0.0	48.573	2.154	0.0	45.414	1.866	0.0	46.893	1.468	0.0	44.58	1.447	0.0	49.645	1.954	0.0	43.264	1.726	0.0	46.192	1.362	0.0	46.026	1.328
86	4415	4416	SN	1	0.0	54.614	6.338	0.0	55.177	5.639	0.0	47.843	5.14	0.0	43.482	5.34	0.0	55.431	6.077	0.0	56.305	5.296	0.0	47.424	4.942	0.0	45.22	4.848
87	4415	4416	NS	1	0.0	57.162	3.862	0.0	44.889	3.174	0.0	43.635	3.349	0.0	46.275	3.405	0.0	54.01	2.997	0.0	47.223	2.631	0.0	42.311	2.886	0.0	48.838	2.885
88	4415	4416	NS	1	0.0	53.848	1.51	0.0	48.178	1.18	0.0	39.541	1.201	0.0	39.657	1.126	0.0	50.415	1.114	0.0	47.382	0.983	0.0	37.295	0.996	0.0	38.9	0.893
89	4416	4417	NS	1	0.0	49.854	2.934	0.0	45.237	2.292	0.0	40.049	2.337	0.0	39.797	2.156	0.0	47.433	2.753	0.0	43.238	2.103	0.0	38.256	2.126	0.0	36.696	1.946
90	4416	4417	SN	1	0.0	48.754	2.035	0.0	44.629	2.137	0.0	41.755	1.774	0.0	41.647	1.701	0.0	47.228	1.857	0.0	43.681	1.853	0.0	44.317	1.584	0.0	37.61	1.529
91	4416	4417	NS	1	0.0	49.479	8.327	0.0	52.688	6.82	0.0	47.623	6.948	0.0	45.598	6.595	0.0	48.962	8.156	0.0	52.31	6.408	0.0	48.386	6.748	0.0	44.775	6.36
92	4416	4417	SN	1	0.0	49.654	6.439	0.0	47.807	6.729	0.0	44.09	5.693	0.0	45.341	5.561	0.0	52.245	6.067	0.0	46.786	6.194	0.0	44.317	5.303	0.0	48.001	5.098
93	4417	4418	NS	1	0.0	44.159	1.913	0.0	44.026	1.607	0.0	37.813	1.425	0.0	40.069	1.458	0.0	42.636	1.471	0.0	41.769	1.313	0.0	35.001	1.185	0.0	42.495	1.17
94	4417	4418	SN	1	0.0	47.231	8.003	0.0	51.905	7.103	0.0	44.38	6.145	0.0	46.376	6.326	0.0	45.086	7.571	0.0	50.308	6.416	0.0	43.707	5.741	0.0	45.043	5.948
95	4417	4418	SN	1	0.0	44.461	2.667	0.0	38.519	2.251	0.0	40.941	1.996	0.0	43.873	1.982	0.0	45.202	2.519	0.0	39.892	1.989	0.0	40.812	1.837	0.0	41.576	1.68
96	4417	4418	NS	1	0.0	51.074	5.923	0.0	41.398	4.48	0.0	46.921	4.211	0.0	45.094	4.274	0.0	48.216	4.666	0.0	41.065	3.777	0.0	45.736	3.791	0.0	46.83	3.625
97	4418	4419	SN	1	0.0	44.486	8.081	0.0	52.779	7.738	0.0	41.715	5.837	0.0	41.918	5.764	0.0	42.816	7.498	0.0	54.996	7.125	0.0	41.013	5.391	0.0	42.197	5.389
98	4418	4419	SN	1	0.0	43.997	7.781	0.0	49.725	7.925	0.0	47.057	5.722	0.0	41.556	6.033	0.0	42.405	7.419	0.0	50.092	7.353	0.0	43.781	5.498	0.0	41.337	5.683
99	4418	4419	SN	1	0.0	44.486	7.77	0.0	52.779	7.716	0.0	41.715	5.653	0.0	41.918	5.932	0.0	42.816	7.463	0.0	54.996	7.199	0.0	41.013	5.328	0.0	42.197	5.69
100	4418	4419	NS	1	0.0	50.049	8.007	0.0	50.61	6.36	0.0	48.13	5.323	0.0	47.382	5.294	0.0	51.558	6.7	0.0	51.25	5.677	0.0	45.548	4.995	0.0	46.372	4.731
101	4418	4419	SN	1	0.0	38.85	2.513	0.0	48.124	2.583	0.0	43.041	1.892	0.0	37.377	2.047	0.0	39.122	2.231	0.0	46.055	2.326	0.0	39.785	1.786	0.0	36.499	1.81
102	4418	4419	SN	1	0.0	43.941	2.455	0.0	49.815	2.558	0.0	37.702	1.829	0.0	39.298	2.0	0.0	42.516	2.273	0.0	48.571	2.302	0.0	36.146	1.721	0.0	37.023	1.773
103	4418	4419	NS	1	0.0	45.999	2.502	0.0	50.069	1.997	0.0	40.524	1.685	0.0	46.718	1.649	0.0	44.377	2.108	0.0	47.687	1.673	0.0	38.22	1.507	0.0	43.417	1.403

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		



104	4418	4419	SN	1	0.0	39.97	2.428	0.0	49.815	2.461	0.0	37.702	1.811	0.0	39.298	1.904	0.0	39.863	2.218	0.0	48.571	2.189	0.0	37.677	1.686	0.0	37.023	1.674
105	4419	4420	NS	1	0.0	47.272	3.824	0.0	48.593	3.075	0.0	42.108	2.213	0.0	48.024	2.088	0.0	47.406	3.36	0.0	46.814	2.774	0.0	42.049	1.994	0.0	46.205	1.894
106	4419	4420	SN	1	0.0	52.253	8.411	0.0	49.038	7.214	0.0	46.548	5.596	0.0	50.062	4.853	0.0	52.993	7.819	0.0	48.386	6.841	0.0	46.181	5.143	0.0	50.168	4.567
107	4419	4420	SN	1	0.0	47.052	2.583	0.0	46.698	2.353	0.0	42.275	1.682	0.0	39.928	1.364	0.0	48.729	2.34	0.0	46.375	2.152	0.0	40.068	1.555	0.0	39.196	1.237
108	4419	4420	NS	1	0.0	47.272	3.824	0.0	48.593	3.075	0.0	42.108	2.213	0.0	48.024	2.088	0.0	47.406	3.36	0.0	46.814	2.774	0.0	42.049	1.994	0.0	46.205	1.894
109	4419	4420	NS	1	0.0	51.978	10.994	0.0	49.792	9.084	0.0	47.283	7.553	0.0	44.95	7.36	0.0	53.244	10.632	0.0	48.66	8.149	0.0	49.474	6.954	0.0	42.738	7.111
110	4419	4420	NS	1	0.0	51.978	10.994	0.0	49.792	9.084	0.0	47.283	7.553	0.0	44.95	7.36	0.0	53.244	10.632	0.0	48.66	8.149	0.0	49.474	6.954	0.0	42.738	7.111
111	4420	4421	SN	1	0.0	53.703	2.001	0.0	43.994	1.958	0.0	39.88	1.393	0.0	38.579	1.334	0.0	51.706	1.724	0.0	44.458	1.698	0.0	41.078	1.244	0.0	34.946	1.108
112	4420	4421	NS	1	0.0	43.899	4.425	0.0	50.714	3.618	0.0	44.537	2.585	0.0	40.944	2.509	0.0	43.285	3.721	0.0	51.038	3.196	0.0	42.207	2.094	0.0	38.161	2.174
113	4420	4421	NS	1	0.0	48.528	1.392	0.0	45.819	1.084	0.0	40.352	0.656	0.0	40.183	0.682	0.0	47.618	1.077	0.0	44.047	0.896	0.0	36.57	0.473	0.0	38.599	0.496
114	4420	4421	NS	1	0.0	47.813	4.336	0.0	47.487	3.376	0.0	44.88	2.565	0.0	42.56	2.437	0.0	47.425	3.762	0.0	47.734	2.844	0.0	47.53	1.981	0.0	42.469	2.052
115	4420	4421	SN	1	0.0	47.873	5.402	0.0	49.922	5.389	0.0	46.563	4.577	0.0	48.362	4.603	0.0	48.571	4.96	0.0	49.244	4.945	0.0	48.034	4.457	0.0	45.626	3.955
116	4420	4421	NS	1	0.0	43.943	1.426	0.0	48.415	1.103	0.0	40.9	0.639	0.0	37.6	0.646	0.0	43.165	1.053	0.0	48.77	0.951	0.0	42.816	0.471	0.0	36.381	0.475
117	4421	4422	SN	1	0.0	41.735	4.195	0.0	46.35	3.793	0.0	44.213	4.066	0.0	42.198	4.31	0.0	40.966	3.502	0.0	48.834	3.159	0.0	43.353	3.549	0.0	41.406	3.841
118	4421	4422	NS	1	0.0	43.554	3.33	0.0	45.152	2.533	0.0	43.809	2.232	0.0	38.704	2.181	0.0	44.129	2.636	0.0	43.244	2.121	0.0	44.147	1.732	0.0	36.913	1.81
119	4421	4422	SN	1	0.0	40.731	1.639	0.0	45.68	1.739	0.0	41.224	1.427	0.0	39.894	1.53	0.0	39.075	1.324	0.0	46.404	1.427	0.0	39.033	1.215	0.0	39.529	1.368
120	4421	4422	NS	1	0.0	43.554	3.33	0.0	45.152	2.533	0.0	43.809	2.232	0.0	38.704	2.181	0.0	44.129	2.636	0.0	43.244	2.121	0.0	44.147	1.732	0.0	36.913	1.81
121	4421	4422	SN	1	0.0	40.731	1.658	0.0	45.68	1.757	0.0	41.224	1.435	0.0	39.894	1.537	0.0	39.075	1.339	0.0	46.404	1.443	0.0	39.033	1.224	0.0	39.529	1.373
122	4421	4422	SN	1	0.0	41.735	4.15	0.0	46.35	3.805	0.0	44.213	4.027	0.0	42.198	4.298	0.0	40.966	3.456	0.0	48.834	3.159	0.0	43.353	3.503	0.0	41.406	3.834
123	4421	4422	NS	1	0.0	44.544	1.101	0.0	40.544	0.772	0.0	46.374	0.628	0.0	40.819	0.705	0.0	42.595	0.87	0.0	39.834	0.639	0.0	42.173	0.493	0.0	38.706	0.559
124	4421	4422	NS	1	0.0	44.544	1.101	0.0	40.544	0.772	0.0	46.374	0.628	0.0	40.819	0.705	0.0	42.595	0.87	0.0	39.834	0.639	0.0	42.173	0.493	0.0	38.706	0.559
125	4422	4423	SN	1	0.0	42.918	1.95	0.0	41.166	1.676	0.0	40.986	1.563	0.0	39.481	1.432	0.0	42.269	1.651	0.0	42.07	1.45	0.0	38.004	1.279	0.0	37.855	1.203
126	4422	4423	NS	1	0.0	41.633	1.692	0.0	49.637	1.353	0.0	40.836	1.228	0.0	42.926	1.21	0.0	40.664	1.44	0.0	44.658	1.128	0.0	41.109	1.132	0.0	42.27	0.993
127	4422	4423	SN	1	0.0	46.37	6.154	0.0	43.786	5.218	0.0	42.137	4.214	0.0	38.056	4.027	0.0	43.301	5.341	0.0	43.992	4.713	0.0	39.533	3.697	0.0	38.966	3.599
128	4422	4423	NS	1	0.0	54.589	3.752	0.0	45.189	2.966	0.0	39.332	3.849	0.0	46.865	3.828	0.0	51.685	3.219	0.0	46.524	2.695	0.0	41.055	3.692	0.0	43.78	3.45
129	4423	4424	NS	1	0.0	43.33	1.398	0.0	44.351	1.381	0.0	39.903	0.983	0.0	43.372	0.998	0.0	44.068	1.362	0.0	45.919	1.221	0.0	39.795	1.001	0.0	43.997	0.9
130	4423	4424	SN	1	0.0	38.842	2.355	0.0	40.951	1.773	0.0	37.977	1.94	0.0	39.962	1.743	0.0	36.753	2.019	0.0	42.409	1.565	0.0	36.206	1.742	0.0	38.131	1.484
131	4423	4424	SN	1	0.0	38.755	2.388	0.0	42.201	1.811	0.0	38.243	1.92	0.0	41.857	1.734	0.0	36.151	2.069	0.0	42.896	1.61	0.0	35.303	1.749	0.0	37.887	1.482
132	4423	4424	SN	1	0.0	44.014	6.91	0.0	44.697	5.741	0.0	42.335	5.289	0.0	38.186	5.273	0.0	44.794	6.186	0.0	43.932	5.408	0.0	40.643	5.084	0.0	40.371	4.862
133	4423	4424	NS	1	0.0	45.759	1.486	0.0	45.709	1.282	0.0	44.671	0.997	0.0	40.556	1.004	0.0	43.623	1.463	0.0	43.45	1.246	0.0	42.832	0.975	0.0	42.828	0.89
134	4423	4424	SN	1	0.0	38.755	2.412	0.0	42.201	1.831	0.0	38.243	1.935	0.0	41.857	1.756	0.0	36.151	2.08	0.0	42.896	1.63	0.0	35.303	1.762	0.0	37.887	1.503
135	4423	4424	SN	1	0.0	44.489	6.873	0.0	46.288	5.532	0.0	40.814	5.289	0.0	42.558	5.153	0.0	45.272	6.25	0.0	45.993	5.3	0.0	39.416	5.012	0.0	44.597	4.825
136	4423	4424	SN	1	0.0	43.223	6.905	0.0	44.697	5.649	0.0	42.335	5.267	0.0	38.186	5.21	0.0	44.005	6.181	0.0	43.932	5.322	0.0	42.04	5.047	0.0	40.371	4.792
137	4423	4424	NS	1	0.0	50.958	4.778	0.0	47.652	4.122	0.0	47.156	3.642	0.0	44.165	3.714	0.0	53.504	4.577	0.0	47.791	3.83	0.0	48.469	3.835	0.0	43.395	3.471
138	4423	4424	NS	1	0.0	50.773	4.568	0.0	46.893	4.291	0.0	44.739	3.772	0.0	43.754	3.421	0.0	52.193	4.447	0.0	48.113	4.0	0.0	43.066	3.65	0.0	42.28	3.157
139	4424	4425	NS	1	0.0	50.794	10.451	0.0	56.568	8.593	0.0	45.455	7.456	0.0	46.874	6.185	0.0	51.918	10.209	0.0	56.156	7.92	0.0	45.704	7.114	0.0	47.545	5.643

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

140	4424	4425	SN	1	0.0	52.143	7.43	0.0	51.944	7.688	0.0	40.439	5.592	0.0	44.137	5.697	0.0	51.731	6.673	0.0	49.244	6.724	0.0	38.821	5.243	0.0	44.134	5.153
141	4424	4425	NS	1	0.0	45.015	3.194	0.0	46.135	2.531	0.0	43.969	2.232	0.0	37.983	1.805	0.0	46.623	3.013	0.0	47.496	2.248	0.0	43.029	2.083	0.0	41.4	1.572
142	4424	4425	NS	1	0.0	52.584	10.437	0.0	49.385	8.228	0.0	45.669	7.224	0.0	51.71	5.998	0.0	55.46	9.804	0.0	53.701	7.354	0.0	45.233	6.975	0.0	51.354	5.564
143	4424	4425	NS	1	0.0	48.17	3.329	0.0	48.071	2.615	0.0	52.122	2.226	0.0	41.6	1.775	0.0	52.365	3.103	0.0	50.393	2.353	0.0	47.886	2.036	0.0	40.497	1.462
144	4424	4425	SN	1	0.0	43.149	2.64	0.0	52.912	2.359	0.0	38.502	2.026	0.0	41.579	2.036	0.0	40.505	2.255	0.0	48.807	2.119	0.0	39.646	1.72	0.0	40.429	1.724
145	4425	4426	SN	1	0.0	54.281	3.364	0.0	49.11	3.209	0.0	42.287	2.372	0.0	46.416	2.362	0.0	52.973	3.213	0.0	50.88	3.011	0.0	41.159	2.253	0.0	42.144	2.22
146	4425	4426	SN	1	0.0	62.927	9.612	0.611	48.265	8.953	0.0	47.646	7.249	0.0	48.794	7.803	0.0	60.076	8.929	0.325	48.116	8.63	0.0	45.474	7.015	0.0	46.95	7.554
147	4425	4426	SN	1	0.0	54.281	3.291	0.0	49.11	3.277	0.0	42.287	2.288	0.0	46.416	2.446	0.0	52.973	3.126	0.0	50.88	3.083	0.0	41.159	2.162	0.0	42.144	2.293
148	4425	4426	SN	1	0.0	54.281	3.29	0.0	49.11	3.241	0.0	42.287	2.287	0.0	46.416	2.422	0.0	52.973	3.126	0.0	50.88	3.051	0.0	41.159	2.162	0.0	42.144	2.273
149	4425	4426	SN	1	0.0	62.927	9.615	0.0	48.265	9.049	0.0	47.646	7.251	0.0	48.794	7.893	0.0	60.076	8.932	0.0	48.116	8.723	0.0	45.474	7.017	0.0	46.95	7.648
150	4425	4426	NS	1	0.0	46.009	2.62	0.0	52.067	2.14	0.0	41.607	1.787	0.0	39.807	1.467	0.0	47.255	2.496	0.0	54.467	1.981	0.0	40.07	1.675	0.0	41.295	1.347
151	4425	4426	NS	1	0.0	51.339	7.856	0.0	57.762	6.493	0.0	42.508	5.367	0.0	48.698	4.974	0.0	54.622	7.624	0.0	56.292	6.071	0.0	43.916	5.189	0.0	49.359	4.753
152	4425	4426	SN	1	0.0	62.927	9.583	0.562	48.265	8.509	0.0	47.646	7.481	0.0	48.794	7.516	0.0	60.076	8.897	0.325	48.116	8.154	0.0	45.474	7.3	0.0	46.95	7.219
153	4426	4427	NS	1	0.0	51.715	7.824	0.0	57.36	7.414	0.0	42.055	5.55	0.0	40.991	5.827	0.0	49.066	7.502	0.0	59.229	7.073	0.0	39.521	5.55	0.0	39.772	5.549
154	4426	4427	NS	1	0.0	43.673	7.846	0.0	44.318	7.418	0.0	39.133	5.881	0.0	45.754	5.915	0.0	43.78	7.555	0.0	44.307	7.106	0.0	38.374	5.809	0.0	43.909	5.452
155	4426	4427	NS	1	0.0	53.254	2.516	0.0	40.77	2.303	0.0	38.83	1.854	0.0	43.048	1.827	0.0	49.276	2.303	0.0	40.99	2.088	0.0	39.178	1.771	0.0	42.604	1.555
156	4426	4427	NS	1	0.0	40.004	2.506	0.0	45.097	2.209	0.0	40.12	1.85	0.0	45.548	1.853	0.0	39.194	2.302	0.0	42.494	1.933	0.0	39.136	1.8	0.0	45.877	1.611
157	4426	4427	SN	1	0.0	48.005	2.417	0.0	48.8	2.431	0.0	41.085	1.351	0.0	45.807	1.307	0.0	48.902	2.141	0.0	45.728	2.161	0.0	41.971	1.178	0.0	45.459	1.092
158	4426	4427	SN	1	0.0	48.005	2.697	0.0	48.8	2.752	0.0	40.729	1.446	0.0	45.807	1.555	0.0	48.902	2.449	0.0	45.728	2.497	0.0	41.971	1.293	0.0	45.459	1.383
159	4426	4427	SN	1	0.0	53.324	7.985	0.0	57.562	8.709	0.0	49.411	5.45	0.0	47.706	6.002	0.0	50.069	7.834	0.0	58.874	8.326	0.0	49.215	4.904	0.0	45.972	5.525
160	4426	4427	SN	1	0.0	53.324	6.825	0.0	57.562	7.118	0.0	49.411	5.004	0.0	47.706	5.07	0.0	50.069	6.517	0.0	58.874	6.622	0.0	49.215	4.483	0.0	45.972	4.578
161	4426	4427	SN	1	0.0	48.005	2.697	0.0	48.8	2.778	0.0	41.093	1.459	0.0	45.807	1.567	0.0	48.902	2.463	0.0	45.728	2.529	0.0	41.971	1.294	0.0	45.459	1.386
162	4426	4427	SN	1	0.0	53.324	7.997	0.0	57.562	8.773	0.0	49.411	5.457	0.0	47.706	6.042	0.0	50.069	7.836	0.0	58.874	8.416	0.0	49.215	4.883	0.0	45.972	5.552
163	4427	4428	SN	1	0.0	52.511	5.804	0.0	53.89	6.821	0.0	48.893	4.11	0.0	47.114	4.751	0.0	53.765	5.703	0.0	50.671	6.317	0.0	46.254	3.827	0.0	46.249	4.31
164	4427	4428	SN	1	0.0	50.407	1.742	0.0	48.591	1.765	0.0	40.473	1.149	0.0	43.82	1.3	0.0	51.805	1.528	0.0	49.213	1.607	0.0	41.256	1.045	0.0	43.809	1.24
165	4427	4428	SN	1	0.0	49.326	1.742	0.0	49.982	1.772	0.0	48.348	1.163	0.0	43.678	1.307	0.0	49.49	1.515	0.0	47.056	1.612	0.0	43.655	1.069	0.0	43.888	1.224
166	4427	4428	NS	1	0.0	48.932	3.249	0.0	51.807	2.381	0.0	47.247	2.051	0.0	44.611	1.988	0.0	45.056	2.988	0.0	47.385	2.089	0.0	46.867	1.934	0.0	40.876	1.778
167	4427	4428	NS	1	0.0	51.224	10.085	0.0	49.566	7.805	0.0	45.972	6.983	0.0	46.688	6.282	0.0	52.236	9.462	0.0	52.705	7.343	0.0	44.045	6.769	0.0	45.781	5.67
168	4427	4428	NS	1	0.0	45.609	10.085	0.0	50.154	7.865	0.0	47.098	7.004	0.0	47.843	6.24	0.0	45.301	9.442	0.0	53.292	7.343	0.0	44.445	6.783	0.0	46.935	5.634
169	4427	4428	NS	1	0.0	44.566	3.231	0.0	48.511	2.404	0.0	43.997	2.055	0.0	45.485	2.011	0.0	44.912	2.936	0.0	44.005	2.105	0.0	42.992	1.953	0.0	45.73	1.776
170	4427	4428	SN	1	0.0	51.928	5.854	0.0	55.783	6.801	0.0	42.609	4.174	0.0	47.7	4.723	0.0	51.981	5.734	0.0	53.067	6.357	0.0	43.688	3.841	0.0	48.652	4.253
171	4428	4429	NS	1	0.0	54.428	3.334	0.0	52.688	2.849	0.0	45.519	1.859	0.0	42.309	2.01	0.0	51.074	3.185	0.0	49.721	2.731	0.0	42.574	1.757	0.0	42.034	1.878
172	4428	4429	SN	1	0.0	49.77	5.644	0.0	50.008	5.277	0.0	39.857	4.252	0.0	49.64	3.925	0.0	48.297	5.162	0.0	50.289	4.692	0.0	42.307	3.968	0.0	49.179	3.704
173	4428	4429	NS	1	0.0	51.101	10.196	0.0	51.998	8.894	0.0	48.005	6.638	0.0	51.671	6.87	0.0	51.179	9.361	0.0	54.229	8.632	0.0	48.576	6.474	0.0	48.063	6.47
174	4428	4429	NS	1	0.0	54.25	10.277	0.0	52.338	8.955	0.0	46.405	6.717	0.0	44.051	6.855	0.0	53.714	9.412	0.0	54.565	8.714	0.0	47.061	6.503	0.0	44.548	6.435
175	4428	4429	SN	1	0.0	45.592	1.681	0.0	46.473	1.605	0.0	37.054	1.105	0.0	43.154	1.298	0.0	46.263	1.526	0.0	50.016	1.408	0.0	36.96	1.054	0.0	43.769	1.217

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

176	4428	4429	NS	1	0.0	46.378	3.395	0.0	51.924	2.914	0.0	41.778	1.894	0.0	49.94	1.978	0.0	47.948	3.228	0.0	48.957	2.756	0.0	43.718	1.795	0.0	46.501	1.898
177	4429	4430	SN	1	0.0	46.35	6.086	0.0	47.747	5.934	0.0	45.629	4.351	0.0	42.756	4.709	0.0	45.341	5.092	0.0	47.854	5.268	0.0	48.047	3.983	0.0	43.084	4.267
178	4429	4430	SN	1	0.0	47.16	1.857	0.0	44.246	1.695	0.0	44.37	1.306	0.0	49.133	1.309	0.0	45.074	1.618	0.0	46.969	1.424	0.0	41.647	1.195	0.0	46.687	1.114
179	4429	4430	NS	1	0.0	46.843	6.065	0.0	51.654	5.357	0.0	45.734	4.202	0.0	45.063	4.482	0.0	46.306	5.713	0.0	50.64	5.065	0.0	42.77	3.839	0.0	45.603	4.404
180	4429	4430	NS	1	0.0	41.535	2.026	0.0	46.71	1.719	0.0	40.149	1.425	0.0	45.063	1.455	0.0	40.625	1.761	0.0	48.181	1.547	0.0	39.217	1.257	0.0	44.636	1.359
181	4430	4431	NS	1	0.0	49.041	7.172	0.0	51.483	5.969	0.0	41.228	4.665	0.0	42.414	5.031	0.0	48.239	6.387	0.0	50.737	5.075	0.0	38.965	4.103	0.0	39.911	4.354
182	4430	4431	SN	1	0.0	47.488	1.765	0.0	45.466	1.523	0.0	37.77	1.216	0.0	42.983	1.233	0.0	48.208	1.454	0.0	45.938	1.259	0.0	37.125	1.004	0.0	42.071	0.991
183	4430	4431	NS	1	0.0	43.386	2.458	0.0	46.896	2.031	0.0	40.643	1.611	0.0	45.907	1.667	0.0	44.815	2.01	0.0	42.634	1.741	0.0	40.528	1.409	0.0	45.581	1.346
184	4430	4431	SN	1	0.0	46.715	5.644	0.0	48.437	5.066	0.0	48.582	4.351	0.0	43.636	4.33	0.0	46.998	5.051	0.0	47.998	4.42	0.0	49.056	3.784	0.0	42.084	3.76
185	4431	4432	NS	1	0.0	41.987	2.0	0.0	44.24	1.621	0.0	40.51	1.445	0.0	39.439	1.476	0.0	42.367	1.55	0.0	43.43	1.241	0.0	38.489	1.191	0.0	41.261	1.198
186	4431	4432	NS	1	0.0	39.954	5.93	0.0	46.43	4.816	0.0	40.012	4.256	0.0	39.278	4.482	0.0	41.178	5.042	0.0	46.252	4.012	0.0	39.196	3.808	0.0	37.474	3.905
187	4431	4432	NS	1	0.0	41.987	1.972	0.0	44.24	1.601	0.0	40.51	1.425	0.0	39.439	1.457	0.0	42.367	1.528	0.0	43.43	1.225	0.0	38.489	1.174	0.0	41.261	1.183
188	4431	4432	NS	1	0.0	39.954	5.845	0.0	46.43	4.773	0.0	40.012	4.197	0.0	39.278	4.425	0.0	41.178	4.97	0.0	46.252	3.969	0.0	39.196	3.755	0.0	37.474	3.855
189	4431	4432	SN	1	0.0	45.836	2.37	0.0	49.202	2.36	0.0	42.943	2.047	0.0	39.569	2.004	0.0	42.521	2.154	0.0	53.137	2.039	0.0	43.744	1.895	0.0	37.863	1.78
190	4431	4432	SN	1	0.0	50.46	7.149	0.0	51.278	6.147	0.0	41.772	6.209	0.0	43.972	6.128	0.0	49.753	6.567	0.0	51.721	5.682	0.0	41.827	6.081	0.0	43.222	5.629
191	4432	4433	NS	1	0.0	42.417	8.537	0.0	52.513	6.973	0.0	39.407	5.801	0.0	45.174	6.068	0.0	44.526	8.506	0.0	51.083	6.801	0.0	38.672	5.693	0.0	47.767	5.559
192	4432	4433	NS	1	0.0	44.724	2.876	0.0	54.419	2.206	0.0	41.39	1.971	0.0	40.822	1.948	0.0	43.443	2.762	0.0	53.897	2.085	0.0	42.466	1.855	0.0	37.437	1.805

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	4404	4405	SN	1	0.0	24.68	9.76	0.0	26.621	9.578	0.0	193.014	3.873	0.0	14.289	4.098	0.0	1.887	0.0	0.0	1.959	0.0	0.0	2.062	0.0	0.0	2.108	0.0
2	4404	4405	SN	1	0.0	24.68	9.66	0.0	27.586	9.724	0.0	193.014	3.751	0.0	167.885	4.328	0.0	1.887	0.0	0.0	1.959	0.0	0.0	2.062	0.0	0.0	2.108	0.0
3	4404	4405	SN	1	0.0	30.923	15.825	0.0	27.294	14.203	0.0	189.942	13.45	0.0	74.0	13.478	0.0	1.899	0.0	0.0	1.933	0.0	0.0	2.064	0.0	0.0	2.11	0.0
4	4404	4405	SN	1	0.0	33.051	15.939	0.0	25.595	13.39	0.0	189.942	13.766	0.0	14.907	12.476	0.0	1.899	0.0	0.0	1.933	0.0	0.0	2.064	0.0	0.0	2.11	0.0
5	4405	4406	NS	1	0.0	27.321	14.994	0.0	35.787	14.276	0.0	355.533	10.874	0.0	60.384	10.323	0.0	1.914	0.0	0.0	1.863	0.0	0.0	2.045	0.0	0.0	2.018	0.0
6	4405	4406	SN	1	0.0	33.035	15.873	0.0	27.294	14.178	0.0	188.304	13.437	0.0	65.237	13.442	0.0	1.898	0.0	0.0	1.937	0.0	0.0	2.065	0.0	0.0	2.117	0.0
7	4405	4406	SN	1	0.0	24.663	9.697	0.0	26.648	9.651	0.0	233.527	3.768	0.0	14.289	4.09	0.0	1.888	0.0	0.0	1.966	0.0	0.0	2.063	0.0	0.0	2.109	0.0
8	4405	4406	SN	1	0.0	33.035	15.883	0.0	27.294	13.885	0.0	188.304	13.553	0.0	16.705	13.016	0.0	1.898	0.0	0.0	1.937	0.0	0.0	2.065	0.0	0.0	2.117	0.0
9	4405	4406	SN	1	0.0	24.663	9.682	0.0	27.581	9.749	0.0	233.527	3.753	0.0	73.78	4.289	0.0	1.888	0.0	0.0	1.966	0.0	0.0	2.063	0.0	0.0	2.109	0.0
10	4405	4406	SN	1	0.0	24.663	9.684	0.0	27.575	9.693	0.0	233.527	3.754	0.0	73.763	4.241	0.0	1.888	0.0	0.0	1.966	0.0	0.0	2.063	0.0	0.0	2.109	0.0
11	4405	4406	NS	1	0.0	26.927	8.406	0.0	25.75	8.479	0.0	355.533	2.457	0.0	46.58	1.997	0.0	1.902	0.0	0.0	1.853	0.0	0.0	2.039	0.0	0.0	2.017	0.0
12	4405	4406	SN	1	0.0	31.066	15.857	0.0	27.294	14.194	0.0	188.304	13.437	0.0	65.253	13.563	0.0	1.898	0.0	0.0	1.937	0.0	0.0	2.065	0.0	0.0	2.117	0.0
13	4406	4407	SN	1	0.0	32.577	15.845	0.0	27.316	14.01	0.0	189.203	13.483	0.0	33.898	13.355	0.0	1.899	0.0	0.0	1.941	0.0	0.0	2.063	0.0	0.0	2.088	0.0
14	4406	4407	SN	1	0.0	24.663	9.663	0.0	27.569	9.714	0.0	185.74	3.783	0.0	271.349	4.324	0.0	1.888	0.0	0.0	1.963	0.0	0.0	2.06	0.0	0.0	2.107	0.0
15	4406	4407	SN	1	0.0	24.663	9.681	0.0	26.66	9.65	0.0	185.74	3.798	0.0	14.289	4.155	0.0	1.888	0.0	0.0	1.963	0.0	0.0	2.06	0.0	0.0	2.107	0.0
16	4406	4407	SN	1	0.0	30.327	15.798	0.0	27.316	14.198	0.0	189.275	13.424	0.0	61.779	13.746	0.0	1.899	0.0	0.0	1.94	0.0	0.0	2.064	0.0	0.0	2.086	0.0
17	4406	4407	SN	1	0.0	32.577	15.834	0.0	27.316	14.02	0.0	189.275	13.497	0.0	20.521	13.355	0.0	1.899	0.0	0.0	1.94	0.0	0.0	2.064	0.0	0.0	2.086	0.0
18	4406	4407	SN	1	0.0	24.663	9.683	0.0	26.66	9.653	0.0	185.646	3.797	0.0	118.779	4.162	0.0	1.888	0.0	0.0	1.963	0.0	0.0	2.06	0.0	0.0	2.107	0.0
19	4406	4407	NS	1	0.0	26.99	8.375	0.0	25.75	8.481	0.0	350.415	2.436	0.0	34.248	1.976	0.0	1.905	0.0	0.0	1.851	0.0	0.0	2.039	0.0	0.0	2.017	0.0
20	4406	4407	NS	1	0.0	26.99	8.373	0.0	25.75	8.481	0.0	350.409	2.437	0.0	34.259	1.974	0.0	1.905	0.0	0.0	1.851	0.0	0.0	2.039	0.0	0.0	2.017	0.0
21	4406	4407	NS	1	0.0	27.316	14.975	0.0	33.454	14.197	0.0	354.678	10.809	0.0	50.479	10.281	0.0	1.912	0.0	0.0	1.863	0.0	0.0	2.045	0.0	0.0	2.017	0.0
22	4406	4407	NS	1	0.0	27.31	14.975	0.0	33.448	14.197	0.0	354.678	10.83	0.0	50.49	10.288	0.0	1.909	0.0	0.0	1.863	0.0	0.0	2.045	0.0	0.0	2.017	0.0
23	4407	4408	SN	1	0.0	32.511	15.881	0.0	27.316	13.952	0.0	187.802	13.522	0.0	18.751	13.36	0.0	1.9	0.0	0.0	1.941	0.0	0.0	2.067	0.0	0.0	2.104	0.0
24	4407	4408	NS	1	0.0	26.979	8.359	0.0	25.744	8.454	0.0	350.079	2.425	0.0	34.574	1.949	0.0	1.904	0.0	0.0	1.851	0.0	0.0	2.04	0.0	0.0	2.016	0.0
25	4407	4408	SN	1	0.0	30.332	15.849	0.0	27.316	14.187	0.0	187.802	13.424	0.0	67.195	13.782	0.0	1.9	0.0	0.0	1.941	0.0	0.0	2.067	0.0	0.0	2.104	0.0
26	4407	4408	NS	1	0.0	27.327	14.957	0.0	33.454	14.162	0.0	354.948	10.825	0.0	50.876	10.209	0.0	1.906	0.0	0.0	1.858	0.0	0.0	2.045	0.0	0.0	2.017	0.0
27	4407	4408	SN	1	0.0	24.691	9.659	0.0	32.29	9.714	0.0	195.468	3.787	0.0	270.66	4.362	0.0	1.888	0.0	0.0	1.965	0.0	0.0	2.06	0.0	0.0	2.116	0.0
28	4407	4408	SN	1	0.0	24.691	9.663	0.0	32.29	9.668	0.0	195.468	3.787	0.0	270.66	4.313	0.0	1.888	0.0	0.0	1.965	0.0	0.0	2.06	0.0	0.0	2.116	0.0
29	4407	4408	SN	1	0.0	32.511	15.876	0.0	27.316	14.168	0.0	187.802	13.424	0.0	67.195	13.646	0.0	1.9	0.0	0.0	1.941	0.0	0.0	2.067	0.0	0.0	2.104	0.0
30	4407	4408	SN	1	0.0	24.691	9.674	0.0	32.29	9.649	0.0	195.468	3.804	0.0	14.289	4.176	0.0	1.888	0.0	0.0	1.965	0.0	0.0	2.06	0.0	0.0	2.116	0.0
31	4408	4409	SN	1	0.0	32.412	15.87	0.0	27.316	14.157	0.0	201.667	13.511	0.0	69.335	13.695	0.0	1.898	0.0	0.0	1.939	0.0	0.0	2.064	0.0	0.0	2.104	0.0

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



32	4408	4409	SN	1	0.0	24.68	9.678	0.0	27.503	9.738	0.0	200.029	3.812	0.0	67.167	4.34	0.0	1.889	0.0	0.0	1.962	0.0	0.0	2.06	0.0	0.0	2.107	0.0
33	4408	4409	NS	1	0.0	26.996	8.344	0.0	25.739	8.424	0.0	308.909	2.393	0.0	40.905	1.928	0.0	1.902	0.0	0.0	1.851	0.0	0.0	2.04	0.0	0.0	2.016	0.0
34	4408	4409	SN	1	0.0	24.68	9.706	0.0	26.632	9.656	0.0	200.029	3.836	0.0	14.295	4.153	0.0	1.889	0.0	0.0	1.962	0.0	0.0	2.06	0.0	0.0	2.107	0.0
35	4408	4409	SN	1	0.0	30.255	15.843	0.0	27.316	14.176	0.0	201.667	13.511	0.0	69.357	13.817	0.0	1.898	0.0	0.0	1.939	0.0	0.0	2.064	0.0	0.0	2.104	0.0
36	4408	4409	NS	1	0.0	27.294	14.912	0.0	33.437	14.211	0.0	351.904	10.811	0.0	52.69	10.197	0.0	1.909	0.0	0.0	1.86	0.0	0.0	2.044	0.0	0.0	2.016	0.0
37	4408	4409	SN	1	0.0	24.68	9.683	0.0	27.503	9.687	0.0	200.029	3.812	0.0	67.14	4.292	0.0	1.889	0.0	0.0	1.962	0.0	0.0	2.06	0.0	0.0	2.107	0.0
38	4408	4409	NS	1	0.0	26.897	8.371	0.0	25.739	8.403	0.0	347.922	2.397	0.0	45.24	1.949	0.0	1.905	0.0	0.0	1.851	0.0	0.0	2.04	0.0	0.0	2.016	0.0
39	4408	4409	NS	1	0.0	27.327	14.924	0.0	36.371	14.233	0.0	354.496	10.839	0.0	57.196	10.137	0.0	1.915	0.0	0.0	1.86	0.0	0.0	2.044	0.0	0.0	2.017	0.0
40	4408	4409	SN	1	0.0	32.412	15.891	0.0	27.316	13.854	0.0	201.667	13.659	0.0	17.041	13.268	0.0	1.898	0.0	0.0	1.939	0.0	0.0	2.064	0.0	0.0	2.104	0.0
41	4409	4410	SN	1	0.0	24.685	9.71	0.0	26.637	9.651	0.0	339.468	3.843	0.0	14.289	4.163	0.0	1.888	0.0	0.0	1.964	0.0	0.0	2.064	0.0	0.0	2.11	0.0
42	4409	4410	NS	1	0.0	27.305	14.941	0.0	33.421	14.19	0.0	351.358	10.794	0.0	53.28	10.169	0.0	1.911	0.0	0.0	1.86	0.0	0.0	2.044	0.0	0.0	2.016	0.0
43	4409	4410	SN	1	0.0	32.704	15.92	0.0	27.316	13.663	0.0	174.511	13.722	0.0	15.398	13.056	0.0	1.898	0.0	0.0	1.952	0.0	0.0	2.064	0.0	0.0	2.119	0.0
44	4409	4410	SN	1	0.0	24.685	9.667	0.0	27.503	9.69	0.0	339.451	3.789	0.0	268.52	4.314	0.0	1.888	0.0	0.0	1.964	0.0	0.0	2.064	0.0	0.0	2.11	0.0
45	4409	4410	SN	1	0.0	24.685	9.663	0.0	27.503	9.751	0.0	339.468	3.795	0.0	268.432	4.357	0.0	1.888	0.0	0.0	1.964	0.0	0.0	2.064	0.0	0.0	2.11	0.0
46	4409	4410	SN	1	0.0	32.704	15.874	0.0	27.316	14.091	0.0	174.5	13.537	0.0	66.23	13.642	0.0	1.899	0.0	0.0	1.952	0.0	0.0	2.065	0.0	0.0	2.119	0.0
47	4409	4410	NS	1	0.0	26.88	8.344	0.0	25.75	8.456	0.0	355.963	2.369	0.0	36.283	1.939	0.0	1.903	0.0	0.0	1.851	0.0	0.0	2.039	0.0	0.0	2.016	0.0
48	4409	4410	SN	1	0.0	30.316	15.867	0.0	27.316	14.105	0.0	174.511	13.544	0.0	66.263	13.764	0.0	1.898	0.0	0.0	1.952	0.0	0.0	2.064	0.0	0.0	2.119	0.0
49	4409	4410	NS	1	0.0	27.305	14.931	0.0	33.426	14.2	0.0	351.363	10.801	0.0	53.291	10.183	0.0	1.911	0.0	0.0	1.861	0.0	0.0	2.044	0.0	0.0	2.016	0.0
50	4409	4410	NS	1	0.0	26.88	8.346	0.0	25.75	8.443	0.0	355.963	2.366	0.0	36.289	1.937	0.0	1.904	0.0	0.0	1.852	0.0	0.0	2.039	0.0	0.0	2.016	0.0
51	4410	4411	SN	1	0.0	30.073	15.828	0.0	27.31	14.166	0.0	163.167	13.555	0.0	50.859	13.793	0.0	1.898	0.0	0.0	1.936	0.0	0.0	2.066	0.0	0.0	2.116	0.0
52	4410	4411	NS	1	0.0	27.316	14.931	0.0	33.388	14.211	0.0	351.568	10.808	0.0	56.678	10.119	0.0	1.912	0.0	0.0	1.861	0.0	0.0	2.044	0.0	0.0	2.017	0.0
53	4410	4411	NS	1	0.0	27.327	15.067	0.0	33.217	14.227	0.0	355.108	10.819	0.0	54.24	10.143	0.0	1.912	0.0	0.0	1.86	0.0	0.0	2.044	0.0	0.0	2.017	0.0
54	4410	4411	SN	1	0.0	24.674	9.673	0.0	27.542	9.673	0.0	204.761	3.803	0.0	66.39	4.3	0.0	1.888	0.0	0.0	1.961	0.0	0.0	2.064	0.0	0.0	2.108	0.0
55	4410	4411	SN	1	0.0	24.674	9.667	0.0	27.542	9.722	0.0	204.761	3.803	0.0	66.39	4.348	0.0	1.888	0.0	0.0	1.961	0.0	0.0	2.064	0.0	0.0	2.108	0.0
56	4410	4411	SN	1	0.0	32.803	15.855	0.0	27.31	14.168	0.0	163.167	13.555	0.0	50.859	13.678	0.0	1.898	0.0	0.0	1.936	0.0	0.0	2.066	0.0	0.0	2.116	0.0
57	4410	4411	NS	1	0.0	26.897	8.364	0.0	27.035	8.41	0.0	353.183	2.396	0.0	67.448	1.934	0.0	1.905	0.0	0.0	1.857	0.0	0.0	2.039	0.0	0.0	2.016	0.0
58	4410	4411	SN	1	0.0	24.674	9.728	0.0	26.66	9.611	0.0	204.761	3.883	0.0	14.284	4.152	0.0	1.888	0.0	0.0	1.961	0.0	0.0	2.064	0.0	0.0	2.108	0.0
59	4410	4411	SN	1	0.0	32.803	15.86	0.0	25.794	13.5	0.0	163.167	13.772	0.0	15.398	12.912	0.0	1.898	0.0	0.0	1.936	0.0	0.0	2.066	0.0	0.0	2.116	0.0
60	4410	4411	NS	1	0.0	26.897	8.348	0.0	27.035	8.397	0.0	353.183	2.392	0.0	36.851	1.93	0.0	1.902	0.0	0.0	1.857	0.0	0.0	2.039	0.0	0.0	2.016	0.0
61	4411	4412	NS	1	0.0	26.913	8.377	0.0	25.755	8.405	0.0	353.228	2.42	0.0	69.186	1.953	0.0	1.908	0.0	0.0	1.853	0.0	0.0	2.045	0.0	0.0	2.017	0.0
62	4411	4412	NS	1	0.0	26.913	8.377	0.0	25.755	8.405	0.0	353.228	2.42	0.0	69.186	1.953	0.0	1.908	0.0	0.0	1.853	0.0	0.0	2.045	0.0	0.0	2.017	0.0
63	4411	4412	SN	1	0.0	24.669	9.686	0.0	27.575	9.691	0.0	171.434	3.779	0.0	73.454	4.296	0.0	1.888	0.0	0.0	1.96	0.0	0.0	2.064	0.0	0.0	2.109	0.0
64	4411	4412	SN	1	0.0	24.669	9.681	0.0	27.575	9.738	0.0	171.434	3.779	0.0	73.454	4.345	0.0	1.888	0.0	0.0	1.96	0.0	0.0	2.064	0.0	0.0	2.109	0.0
65	4411	4412	SN	1	0.0	32.649	15.893	0.0	27.316	14.097	0.0	160.056	13.456	0.0	65.209	13.646	0.0	1.899	0.0	0.0	1.937	0.0	0.0	2.07	0.0	0.0	2.116	0.0
66	4411	4412	SN	1	0.0	32.649	15.885	0.0	27.288	14.147	0.0	160.056	13.456	0.0	65.154	13.632	0.0	1.899	0.0	0.0	1.937	0.0	0.0	2.07	0.0	0.0	2.116	0.0
67	4411	4412	SN	1	0.0	30.046	15.866	0.0	27.316	14.125	0.0	160.056	13.456	0.0	65.209	13.771	0.0	1.899	0.0	0.0	1.937	0.0	0.0	2.07	0.0	0.0	2.116	0.0
68	4411	4412	NS	1	0.0	27.327	14.987	0.0	33.261	14.207	0.0	358.599	10.819	0.0	54.836	10.249	0.0	1.916	0.0	0.0	1.863	0.0	0.0	2.045	0.0	0.0	2.018	0.0

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

69	4411	4412	NS	1	0.0	27.327	14.987	0.0	33.261	14.207	0.0	358.599	10.819	0.0	54.836	10.249	0.0	1.916	0.0	0.0	1.863	0.0	0.0	2.045	0.0	0.0	2.018	0.0
70	4411	4412	SN	1	0.0	24.669	9.688	0.0	27.581	9.693	0.0	171.434	3.779	0.0	73.377	4.294	0.0	1.888	0.0	0.0	1.96	0.0	0.0	2.064	0.0	0.0	2.109	0.0
71	4412	4413	NS	1	0.0	26.977	8.358	0.0	25.755	8.414	0.0	345.86	2.427	0.0	67.294	1.989	0.0	1.903	0.0	0.0	1.852	0.0	0.0	2.04	0.0	0.0	2.016	0.0
72	4412	4413	SN	1	0.0	24.663	9.674	0.0	27.564	9.675	0.0	194.117	3.739	0.0	71.033	4.246	0.0	1.888	0.0	0.0	1.961	0.0	0.0	2.063	0.0	0.0	2.108	0.0
73	4412	4413	SN	1	0.0	32.605	15.865	0.0	27.305	14.196	0.0	349.323	13.358	0.0	67.195	13.568	0.0	1.897	0.0	0.0	1.937	0.0	0.0	2.069	0.0	0.0	2.112	0.0
74	4412	4413	NS	1	0.0	27.321	15.027	0.0	33.3	14.235	0.0	358.527	10.881	0.0	55.663	10.242	0.0	1.908	0.0	0.0	1.857	0.0	0.0	2.044	0.0	0.0	2.017	0.0
75	4412	4413	NS	1	0.0	26.977	8.356	0.0	25.755	8.425	0.0	345.826	2.434	0.0	67.206	1.996	0.0	1.904	0.0	0.0	1.851	0.0	0.0	2.04	0.0	0.0	2.016	0.0
76	4412	4413	NS	1	0.0	27.321	15.027	0.0	33.305	14.235	0.0	358.527	10.874	0.0	55.707	10.257	0.0	1.907	0.0	0.0	1.859	0.0	0.0	2.044	0.0	0.0	2.017	0.0
77	4413	4414	NS	1	0.0	27.305	14.944	0.0	33.322	14.221	0.0	352.875	10.916	0.0	56.622	10.221	0.0	1.916	0.0	0.0	1.859	0.0	0.0	2.045	0.0	0.0	2.016	0.0
78	4413	4414	NS	1	0.0	27.051	8.328	0.0	25.755	8.415	0.0	343.654	2.431	0.0	60.246	1.969	0.0	1.904	0.0	0.0	1.858	0.0	0.0	2.039	0.0	0.0	2.016	0.0
79	4413	4414	SN	1	0.0	24.669	9.698	0.0	27.614	9.69	0.0	202.29	3.741	0.0	68.562	4.288	0.0	1.887	0.0	0.0	1.962	0.0	0.0	2.066	0.0	0.0	2.109	0.0
80	4413	4414	SN	1	0.0	32.522	15.878	0.0	27.31	14.113	0.0	349.196	13.383	0.0	66.009	13.4	0.0	1.897	0.0	0.0	1.943	0.0	0.0	2.072	0.0	0.0	2.1	0.0
81	4414	4415	SN	1	0.0	32.566	15.848	0.0	27.31	14.142	0.0	349.306	13.462	0.0	78.983	13.442	0.0	1.896	0.0	0.0	1.945	0.0	0.0	2.072	0.0	0.0	2.09	0.0
82	4414	4415	NS	1	0.0	27.134	8.31	0.0	25.75	8.417	0.0	344.1	2.417	0.0	60.72	1.952	0.0	1.906	0.0	0.0	1.853	0.0	0.0	2.04	0.0	0.0	2.016	0.0
83	4414	4415	NS	1	0.0	27.316	14.914	0.0	33.311	14.241	0.0	352.996	10.908	0.0	56.981	10.164	0.0	1.914	0.0	0.0	1.862	0.0	0.0	2.044	0.0	0.0	2.016	0.0
84	4414	4415	SN	1	0.0	24.669	9.676	0.0	27.625	9.702	0.0	273.798	3.757	0.0	72.103	4.32	0.0	1.886	0.0	0.0	1.965	0.0	0.0	2.069	0.0	0.0	2.111	0.0
85	4415	4416	SN	1	0.0	24.674	9.678	0.0	27.603	9.671	0.0	210.044	3.763	0.0	75.247	4.309	0.0	1.887	0.0	0.0	1.962	0.0	0.0	2.067	0.0	0.0	2.112	0.0
86	4415	4416	SN	1	0.0	32.505	15.87	0.0	27.316	14.153	0.0	153.527	13.456	0.0	79.656	13.641	0.0	1.897	0.0	0.0	1.941	0.0	0.0	2.07	0.0	0.0	2.111	0.0
87	4415	4416	NS	1	0.0	27.327	14.934	0.0	33.338	14.251	0.0	354.286	10.874	0.0	57.626	10.121	0.0	1.909	0.0	0.0	1.86	0.0	0.0	2.044	0.0	0.0	2.017	0.0
88	4415	4416	NS	1	0.0	27.079	8.317	0.0	25.755	8.408	0.0	348.716	2.444	0.0	61.58	1.948	0.0	1.903	0.0	0.0	1.852	0.0	0.0	2.04	0.0	0.0	2.016	0.0
89	4416	4417	NS	1	0.0	26.996	8.342	0.0	25.744	8.417	0.0	355.549	2.434	0.0	68.684	1.957	0.0	1.902	0.0	0.0	1.851	0.0	0.0	2.04	0.0	0.0	2.017	0.0
90	4416	4417	SN	1	0.0	24.669	9.692	0.0	27.569	9.668	0.0	208.699	3.79	0.0	76.488	4.316	0.0	1.888	0.0	0.0	1.96	0.0	0.0	2.064	0.0	0.0	2.103	0.0
91	4416	4417	NS	1	0.0	27.316	14.964	0.0	33.327	14.273	0.0	326.888	10.881	0.0	42.692	10.199	0.0	1.912	0.0	0.0	1.861	0.0	0.0	2.045	0.0	0.0	2.017	0.0
92	4416	4417	SN	1	0.0	32.599	15.871	0.0	27.316	14.113	0.0	150.052	13.493	0.0	80.66	13.72	0.0	1.897	0.0	0.0	1.934	0.0	0.0	2.066	0.0	0.0	2.121	0.0
93	4417	4418	NS	1	0.0	26.999	8.349	0.0	25.75	8.457	0.0	312.339	2.439	0.0	41.114	1.965	0.0	1.903	0.0	0.0	1.851	0.0	0.0	2.041	0.0	0.0	2.016	0.0
94	4417	4418	SN	1	0.0	32.891	15.855	0.0	27.31	14.134	0.0	159.681	13.459	0.0	65.43	13.585	0.0	1.894	0.0	0.0	1.938	0.0	0.0	2.066	0.0	0.0	2.119	0.0
95	4417	4418	SN	1	0.0	24.669	9.672	0.0	27.608	9.682	0.0	243.735	3.788	0.0	73.94	4.307	0.0	1.888	0.0	0.0	1.961	0.0	0.0	2.062	0.0	0.0	2.103	0.0
96	4417	4418	NS	1	0.0	27.332	14.954	0.0	33.322	14.254	0.0	338.304	10.88	0.0	50.457	10.242	0.0	1.91	0.0	0.0	1.863	0.0	0.0	2.044	0.0	0.0	2.018	0.0
97	4418	4419	SN	1	0.0	30.283	15.84	0.0	27.316	14.128	0.0	184.764	13.466	0.0	68.143	13.647	0.0	1.896	0.0	0.0	1.972	0.0	0.0	2.064	0.0	0.0	2.099	0.0
98	4418	4419	SN	1	0.0	32.809	16.0	0.0	25.501	13.275	0.0	184.626	13.9	0.0	14.736	12.581	0.0	1.896	0.0	0.0	1.973	0.0	0.0	2.063	0.0	0.0	2.099	0.0
99	4418	4419	SN	1	0.0	32.809	16.011	0.0	25.534	13.275	0.0	184.764	13.884	0.0	14.736	12.588	0.0	1.896	0.0	0.0	1.972	0.0	0.0	2.064	0.0	0.0	2.099	0.0
100	4418	4419	NS	1	0.0	27.31	14.988	0.0	33.36	14.197	0.0	348.369	10.91	0.0	48.295	10.232	0.0	1.911	0.0	0.0	1.862	0.0	0.0	2.046	0.0	0.0	2.017	0.0
101	4418	4419	SN	1	0.0	24.674	9.83	0.0	26.599	9.591	0.0	196.753	3.918	0.0	14.295	4.11	0.0	1.887	0.0	0.0	1.96	0.0	0.0	2.062	0.0	0.0	2.103	0.0
102	4418	4419	SN	1	0.0	24.674	9.838	0.0	26.643	9.591	0.0	196.946	3.916	0.0	14.295	4.109	0.0	1.888	0.0	0.0	1.959	0.0	0.0	2.062	0.0	0.0	2.102	0.0
103	4418	4419	NS	1	0.0	26.985	8.357	0.0	25.744	8.422	0.0	350.459	2.434	0.0	39.206	1.974	0.0	1.905	0.0	0.0	1.853	0.0	0.0	2.039	0.0	0.0	2.017	0.0
104	4418	4419	SN	1	0.0	24.674	9.69	0.0	27.525	9.751	0.0	196.946	3.764	0.0	270.77	4.348	0.0	1.888	0.0	0.0	1.959	0.0	0.0	2.062	0.0	0.0	2.102	0.0
105	4419	4420	NS	1	0.0	27.007	8.363	0.0	25.75	8.443	0.0	317.876	2.425	0.0	35.847	1.963	0.0	1.901	0.0	0.0	1.853	0.0	0.0	2.041	0.0	0.0	2.016	0.0

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

106	4419	4420	SN	1	0.0	32.72	15.889	0.0	27.31	14.126	0.0	185.359	13.452	0.0	69.092	13.417	0.0	1.898	0.0	0.0	1.967	0.0	0.0	2.072	0.0	0.0	2.102	0.0
107	4419	4420	SN	1	0.0	24.663	9.677	0.0	170.085	9.729	0.0	217.208	3.745	0.0	268.432	4.322	0.0	1.888	0.0	0.0	1.968	0.0	0.0	2.063	0.0	0.0	2.112	0.0
108	4419	4420	NS	1	0.0	27.007	8.363	0.0	25.75	8.443	0.0	317.876	2.425	0.0	35.847	1.963	0.0	1.901	0.0	0.0	1.853	0.0	0.0	2.041	0.0	0.0	2.016	0.0
109	4419	4420	NS	1	0.0	27.316	14.987	0.0	33.371	14.198	0.0	355.224	10.93	0.0	57.108	10.196	0.0	1.911	0.0	0.0	1.862	0.0	0.0	2.044	0.0	0.0	2.017	0.0
110	4419	4420	NS	1	0.0	27.316	14.987	0.0	33.371	14.198	0.0	355.224	10.93	0.0	57.108	10.196	0.0	1.911	0.0	0.0	1.862	0.0	0.0	2.044	0.0	0.0	2.017	0.0
111	4420	4421	SN	1	0.0	24.68	9.693	0.0	258.949	9.736	0.0	211.688	3.778	0.0	67.129	4.302	0.0	1.888	0.0	0.0	1.964	0.0	0.0	2.059	0.0	0.0	2.109	0.0
112	4420	4421	NS	1	0.0	27.294	14.935	0.0	36.989	14.182	0.0	352.218	10.776	0.0	53.104	10.141	0.0	1.904	0.0	0.0	1.863	0.0	0.0	2.044	0.0	0.0	2.017	0.0
113	4420	4421	NS	1	0.0	27.36	8.352	0.0	25.761	8.41	0.0	355.93	2.399	0.0	61.564	1.962	0.0	1.902	0.0	0.0	1.853	0.0	0.0	2.039	0.0	0.0	2.016	0.0
114	4420	4421	NS	1	0.0	27.316	14.948	0.0	33.382	14.168	0.0	351.325	10.86	0.0	57.786	10.124	0.0	1.903	0.0	0.0	1.861	0.0	0.0	2.044	0.0	0.0	2.016	0.0
115	4420	4421	SN	1	0.0	32.649	15.895	0.0	139.218	14.139	0.0	193.88	13.42	0.0	70.89	13.531	0.0	1.896	0.0	0.0	1.959	0.0	0.0	2.065	0.0	0.0	2.1	0.0
116	4420	4421	NS	1	0.0	27.001	8.322	0.0	25.75	8.4	0.0	353.029	2.398	0.0	36.25	1.942	0.0	1.902	0.0	0.0	1.854	0.0	0.0	2.038	0.0	0.0	2.015	0.0
117	4421	4422	SN	1	0.0	32.671	15.934	0.0	27.31	13.954	0.0	193.025	13.627	0.0	19.81	13.407	0.0	1.897	0.0	0.0	1.97	0.0	0.0	2.062	0.0	0.0	2.123	0.0
118	4421	4422	NS	1	0.0	27.316	14.889	0.0	33.399	14.151	0.0	351.507	10.773	0.0	56.137	10.105	0.0	1.914	0.0	0.0	1.861	0.0	0.0	2.044	0.0	0.0	2.017	0.0
119	4421	4422	SN	1	0.0	24.669	9.683	0.0	27.614	9.728	0.0	200.145	3.788	0.0	67.559	4.353	0.0	1.889	0.0	0.0	1.967	0.0	0.0	2.061	0.0	0.0	2.11	0.0
120	4421	4422	NS	1	0.0	27.316	14.889	0.0	33.399	14.151	0.0	351.507	10.773	0.0	56.137	10.105	0.0	1.914	0.0	0.0	1.861	0.0	0.0	2.044	0.0	0.0	2.017	0.0
121	4421	4422	SN	1	0.0	24.669	9.69	0.0	26.582	9.715	0.0	200.145	3.806	0.0	14.295	4.233	0.0	1.889	0.0	0.0	1.967	0.0	0.0	2.061	0.0	0.0	2.11	0.0
122	4421	4422	SN	1	0.0	32.671	15.925	0.0	27.31	14.152	0.0	193.025	13.542	0.0	67.129	13.648	0.0	1.897	0.0	0.0	1.97	0.0	0.0	2.062	0.0	0.0	2.123	0.0
123	4421	4422	NS	1	0.0	27.272	8.304	0.0	25.744	8.376	0.0	356.013	2.36	0.0	37.783	1.921	0.0	1.905	0.0	0.0	1.853	0.0	0.0	2.039	0.0	0.0	2.016	0.0
124	4421	4422	NS	1	0.0	27.272	8.304	0.0	25.744	8.376	0.0	356.013	2.36	0.0	37.783	1.921	0.0	1.905	0.0	0.0	1.853	0.0	0.0	2.039	0.0	0.0	2.016	0.0
125	4422	4423	SN	1	0.0	24.669	9.701	0.0	27.564	9.713	0.0	198.093	3.828	0.0	145.24	4.348	0.0	1.893	0.0	0.0	1.965	0.0	0.0	2.062	0.0	0.0	2.11	0.0
126	4422	4423	NS	1	0.0	27.04	8.268	0.0	25.744	8.371	0.0	353.222	2.362	0.0	36.895	1.893	0.0	1.905	0.0	0.0	1.851	0.0	0.0	2.039	0.0	0.0	2.015	0.0
127	4422	4423	SN	1	0.0	32.627	15.932	0.0	27.31	14.09	0.0	210.497	13.627	0.0	63.726	13.678	0.0	1.903	0.0	0.0	1.946	0.0	0.0	2.064	0.0	0.0	2.125	0.0
128	4422	4423	NS	1	0.0	27.321	14.987	0.0	33.222	14.187	0.0	355.323	10.714	0.0	53.937	10.15	0.0	1.915	0.0	0.0	1.86	0.0	0.0	2.042	0.0	0.0	2.016	0.0
129	4423	4424	NS	1	0.0	26.908	8.287	0.0	25.744	8.37	0.0	350.145	2.338	0.0	55.768	1.9	0.0	1.906	0.0	0.0	1.853	0.0	0.0	2.039	0.0	0.0	2.014	0.0
130	4423	4424	SN	1	0.0	24.663	9.693	0.0	27.674	9.734	0.0	204.634	3.819	0.0	70.36	4.349	0.0	1.888	0.0	0.0	1.965	0.0	0.0	2.065	0.0	0.0	2.111	0.0
131	4423	4424	SN	1	0.0	24.663	9.682	0.0	27.674	9.786	0.0	204.584	3.823	0.0	70.36	4.411	0.0	1.888	0.0	0.0	1.964	0.0	0.0	2.065	0.0	0.0	2.111	0.0
132	4423	4424	SN	1	0.0	32.715	15.941	0.0	27.31	13.734	0.0	206.895	13.726	0.0	15.762	13.237	0.0	1.898	0.0	0.0	1.964	0.0	0.0	2.066	0.0	0.0	2.126	0.0
133	4423	4424	NS	1	0.0	27.222	8.288	0.0	25.75	8.385	0.0	345.198	2.34	0.0	37.386	1.904	0.0	1.906	0.0	0.0	1.853	0.0	0.0	2.039	0.0	0.0	2.015	0.0
134	4423	4424	SN	1	0.0	24.663	9.712	0.0	26.582	9.711	0.0	204.584	3.858	0.0	14.289	4.205	0.0	1.888	0.0	0.0	1.964	0.0	0.0	2.065	0.0	0.0	2.111	0.0
135	4423	4424	SN	1	0.0	32.715	15.936	0.0	27.31	14.042	0.0	206.934	13.611	0.0	64.757	13.697	0.0	1.898	0.0	0.0	1.968	0.0	0.0	2.066	0.0	0.0	2.126	0.0
136	4423	4424	SN	1	0.0	30.057	15.91	0.0	27.31	14.087	0.0	206.895	13.59	0.0	64.757	13.836	0.0	1.898	0.0	0.0	1.964	0.0	0.0	2.066	0.0	0.0	2.126	0.0
137	4423	4424	NS	1	0.0	27.321	14.997	0.0	33.608	14.135	0.0	359.024	10.728	0.0	54.532	10.186	0.0	1.914	0.0	0.0	1.86	0.0	0.0	2.044	0.0	0.0	2.015	0.0
138	4423	4424	NS	1	0.0	27.321	14.961	0.0	33.371	14.23	0.0	356.206	10.73	0.0	57.439	10.14	0.0	1.909	0.0	0.0	1.86	0.0	0.0	2.043	0.0	0.0	2.015	0.0
139	4424	4425	NS	1	0.0	27.321	14.977	0.0	33.608	14.141	0.0	358.908	10.771	0.0	55.216	10.11	0.0	1.908	0.0	0.0	1.859	0.0	0.0	2.06	0.0	0.0	2.018	0.0
140	4424	4425	SN	1	0.0	32.638	15.94	0.0	27.299	14.037	0.0	153.604	13.6	0.0	27.404	13.62	0.0	1.897	0.0	0.0	1.934	0.0	0.0	2.067	0.0	0.0	2.111	0.0
141	4424	4425	NS	1	0.0	27.636	8.293	0.0	25.75	8.365	0.0	313.387	2.366	0.0	36.542	1.896	0.0	1.909	0.0	0.0	1.852	0.0	0.0	2.049	0.0	0.0	2.016	0.0
142	4424	4425	NS	1	0.0	27.305	14.992	0.0	35.776	14.195	0.0	349.334	10.758	0.0	34.954	10.088	0.0	1.919	0.0	0.0	1.86	0.0	0.0	2.059	0.0	0.0	2.019	0.0

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

143	4424	4425	NS	1	0.0	27.757	8.293	0.0	25.75	8.374	0.0	342.495	2.344	0.0	37.899	1.901	0.0	1.909	0.0	0.0	1.852	0.0	0.0	2.048	0.0	0.0	2.016	0.0
144	4424	4425	SN	1	0.0	24.68	9.691	0.0	27.603	9.745	0.0	275.386	3.843	0.0	17.791	4.31	0.0	1.888	0.0	0.0	1.962	0.0	0.0	2.062	0.0	0.0	2.106	0.0
145	4425	4426	SN	1	0.0	24.674	9.782	0.0	26.571	9.655	0.0	222.762	3.92	0.0	14.295	4.182	0.0	1.888	0.0	0.0	1.965	0.0	0.0	2.065	0.0	0.0	2.109	0.0
146	4425	4426	SN	1	0.0	32.825	15.96	0.006	27.305	14.121	0.0	154.183	13.505	0.0	67.051	13.67	0.0	1.897	0.0	0.0	1.934	0.0	0.0	2.068	0.0	0.0	2.109	0.0
147	4425	4426	SN	1	0.0	24.674	9.699	0.0	27.625	9.784	0.0	222.762	3.806	0.0	162.249	4.418	0.0	1.888	0.0	0.0	1.965	0.0	0.0	2.065	0.0	0.0	2.109	0.0
148	4425	4426	SN	1	0.0	24.674	9.703	0.0	27.625	9.733	0.0	222.762	3.804	0.0	162.249	4.369	0.0	1.888	0.0	0.0	1.965	0.0	0.0	2.065	0.0	0.0	2.109	0.0
149	4425	4426	SN	1	0.0	31.507	15.945	0.0	27.305	14.13	0.0	154.183	13.509	0.0	67.051	13.798	0.0	1.897	0.0	0.0	1.934	0.0	0.0	2.068	0.0	0.0	2.109	0.0
150	4425	4426	NS	1	0.0	27.217	8.3	0.0	25.744	8.39	0.0	346.803	2.36	0.0	57.77	1.909	0.0	1.907	0.0	0.0	1.854	0.0	0.0	2.039	0.0	0.0	2.014	0.0
151	4425	4426	NS	1	0.0	27.321	14.987	0.0	33.619	14.162	0.0	358.649	10.778	0.0	56.115	10.083	0.0	1.905	0.0	0.0	1.86	0.0	0.0	2.043	0.0	0.0	2.015	0.0
152	4425	4426	SN	1	0.0	32.825	16.025	0.006	25.705	13.399	0.0	154.183	13.835	0.0	15.078	12.849	0.0	1.897	0.0	0.0	1.934	0.0	0.0	2.068	0.0	0.0	2.109	0.0
153	4426	4427	NS	1	0.0	27.316	14.914	0.0	33.266	14.235	0.0	351.209	10.887	0.0	57.709	10.15	0.0	1.902	0.0	0.0	1.858	0.0	0.0	2.042	0.0	0.0	2.015	0.0
154	4426	4427	NS	1	0.0	27.321	14.968	0.0	33.653	14.162	0.0	357.265	10.906	0.0	57.295	10.134	0.0	1.91	0.0	0.0	1.858	0.0	0.0	2.043	0.0	0.0	2.015	0.0
155	4426	4427	NS	1	0.0	27.183	8.288	0.0	25.744	8.404	0.0	336.241	2.377	0.0	54.659	1.932	0.0	1.904	0.0	0.0	1.852	0.0	0.0	2.038	0.0	0.0	2.015	0.0
156	4426	4427	NS	1	0.0	27.07	8.274	0.0	25.75	8.389	0.0	344.773	2.369	0.0	44.589	1.906	0.0	1.904	0.0	0.0	1.852	0.0	0.0	2.038	0.0	0.0	2.015	0.0
157	4426	4427	SN	1	0.0	24.674	9.832	0.0	26.566	9.611	0.0	190.94	3.95	0.0	14.289	4.064	0.0	1.888	0.0	0.0	1.965	0.0	0.0	2.063	0.0	0.0	2.108	0.0
158	4426	4427	SN	1	0.0	24.674	9.674	0.0	27.636	9.723	0.0	190.94	3.787	0.0	74.083	4.286	0.0	1.888	0.0	0.0	1.965	0.0	0.0	2.063	0.0	0.0	2.108	0.0
159	4426	4427	SN	1	0.0	32.798	15.97	0.0	27.31	14.068	0.0	151.265	13.544	0.0	78.184	13.571	0.0	1.897	0.0	0.0	1.976	0.0	0.0	2.067	0.0	0.0	2.108	0.0
160	4426	4427	SN	1	0.0	32.798	16.127	0.0	25.479	13.277	0.0	151.265	13.993	0.0	14.72	12.651	0.0	1.897	0.0	0.0	1.976	0.0	0.0	2.067	0.0	0.0	2.108	0.0
161	4426	4427	SN	1	0.0	24.674	9.669	0.0	27.636	9.774	0.0	190.94	3.786	0.0	74.094	4.334	0.0	1.888	0.0	0.0	1.965	0.0	0.0	2.063	0.0	0.0	2.108	0.0
162	4426	4427	SN	1	0.0	30.829	15.953	0.0	27.31	14.088	0.0	151.265	13.544	0.0	78.195	13.697	0.0	1.897	0.0	0.0	1.976	0.0	0.0	2.067	0.0	0.0	2.108	0.0
163	4427	4428	SN	1	0.0	32.401	15.935	0.0	27.31	14.097	0.0	349.665	13.499	0.0	64.983	13.349	0.0	1.902	0.0	0.0	1.944	0.0	0.0	2.068	0.0	0.0	2.122	0.0
164	4427	4428	SN	1	0.0	24.685	9.711	0.0	27.658	9.724	0.0	186.87	3.755	0.0	70.873	4.307	0.0	1.888	0.0	0.0	1.96	0.0	0.0	2.065	0.0	0.0	2.108	0.0
165	4427	4428	SN	1	0.0	24.68	9.714	0.0	27.652	9.721	0.0	186.81	3.756	0.0	70.884	4.307	0.0	1.888	0.0	0.0	1.96	0.0	0.0	2.065	0.0	0.0	2.106	0.0
166	4427	4428	NS	1	0.0	27.087	8.316	0.0	25.75	8.383	0.0	345.551	2.38	0.0	45.212	1.92	0.0	1.908	0.0	0.0	1.853	0.0	0.0	2.039	0.0	0.0	2.015	0.0
167	4427	4428	NS	1	0.0	27.305	14.902	0.0	33.3	14.244	0.0	353.068	10.866	0.0	43.232	10.122	0.0	1.913	0.0	0.0	1.857	0.0	0.0	2.043	0.0	0.0	2.015	0.0
168	4427	4428	NS	1	0.0	27.305	14.912	0.0	33.3	14.234	0.0	353.057	10.859	0.0	43.238	10.115	0.0	1.912	0.0	0.0	1.858	0.0	0.0	2.043	0.0	0.0	2.015	0.0
169	4427	4428	NS	1	0.0	27.779	8.311	0.0	25.75	8.383	0.0	345.551	2.375	0.0	45.201	1.922	0.0	1.908	0.0	0.0	1.852	0.0	0.0	2.039	0.0	0.0	2.015	0.0
170	4427	4428	SN	1	0.0	32.395	15.935	0.0	27.31	14.087	0.0	349.67	13.506	0.0	64.983	13.378	0.0	1.902	0.0	0.0	1.943	0.0	0.0	2.068	0.0	0.0	2.122	0.0
171	4428	4429	NS	1	0.0	27.503	8.298	0.0	25.75	8.37	0.0	349.83	2.365	0.0	42.195	1.896	0.0	1.907	0.0	0.0	1.852	0.0	0.0	2.038	0.0	0.0	2.014	0.0
172	4428	4429	SN	1	0.0	32.77	15.967	0.0	27.31	14.087	0.0	349.659	13.492	0.0	65.601	13.335	0.0	1.897	0.0	0.0	1.944	0.0	0.0	2.064	0.0	0.0	2.123	0.0
173	4428	4429	NS	1	0.0	27.31	14.992	0.0	33.294	14.24	0.0	351.523	10.826	0.0	45.879	10.083	0.0	1.911	0.0	0.0	1.862	0.0	0.0	2.043	0.0	0.0	2.016	0.0
174	4428	4429	NS	1	0.0	27.31	14.992	0.0	33.294	14.241	0.0	351.523	10.805	0.0	45.874	10.098	0.0	1.911	0.0	0.0	1.862	0.0	0.0	2.043	0.0	0.0	2.016	0.0
175	4428	4429	SN	1	0.0	24.68	9.719	0.0	27.658	9.735	0.0	205.969	3.726	0.0	71.535	4.348	0.0	1.888	0.0	0.0	1.967	0.0	0.0	2.066	0.0	0.0	2.107	0.0
176	4428	4429	NS	1	0.0	27.503	8.307	0.0	25.744	8.381	0.0	349.819	2.365	0.0	42.206	1.894	0.0	1.907	0.0	0.0	1.852	0.0	0.0	2.038	0.0	0.0	2.014	0.0
177	4429	4430	SN	1	0.0	32.969	16.009	0.0	27.305	14.088	0.0	169.277	13.564	0.0	66.544	13.449	0.0	1.897	0.0	0.0	1.954	0.0	0.0	2.069	0.0	0.0	2.124	0.0
178	4429	4430	SN	1	0.0	24.674	9.699	0.0	27.658	9.747	0.0	202.582	3.758	0.0	68.176	4.334	0.0	1.888	0.0	0.0	1.966	0.0	0.0	2.063	0.0	0.0	2.106	0.0
179	4429	4430	NS	1	0.0	27.327	15.026	0.0	33.289	14.201	0.0	350.636	10.84	0.0	46.293	10.069	0.0	1.91	0.0	0.0	1.862	0.0	0.0	2.042	0.0	0.0	2.016	0.0

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

180	4429	4430	NS	1	0.0	27.652	8.3	0.0	25.75	8.364	0.0	333.219	2.364	0.0	43.695	1.907	0.0	1.908	0.0	0.0	1.853	0.0	0.0	2.037	0.0	0.0	2.015	0.0
181	4430	4431	NS	1	0.0	27.321	15.007	0.0	33.261	14.22	0.0	355.759	10.84	0.0	46.894	10.176	0.0	1.91	0.0	0.0	1.857	0.0	0.0	2.043	0.0	0.0	2.015	0.0
182	4430	4431	SN	1	0.0	24.669	9.699	0.0	27.647	9.733	0.0	213.601	3.785	0.0	77.254	4.317	0.0	1.888	0.0	0.0	1.963	0.0	0.0	2.06	0.0	0.0	2.101	0.0
183	4430	4431	NS	1	0.0	27.592	8.291	0.0	25.75	8.407	0.0	352.742	2.376	0.0	44.357	1.917	0.0	1.905	0.0	0.0	1.851	0.0	0.0	2.038	0.0	0.0	2.015	0.0
184	4430	4431	SN	1	0.0	32.831	15.947	0.0	27.305	14.097	0.0	176.69	13.564	0.0	72.594	13.567	0.0	1.897	0.0	0.0	1.952	0.0	0.0	2.066	0.0	0.0	2.124	0.0
185	4431	4432	NS	1	0.0	27.432	8.359	0.0	25.75	8.38	0.0	306.422	2.428	0.0	12.144	1.859	0.0	1.906	0.0	0.0	1.853	0.0	0.0	2.041	0.0	0.0	2.015	0.0
186	4431	4432	NS	1	0.0	27.316	15.075	0.0	30.956	13.98	0.0	332.993	10.947	0.0	17.455	9.918	0.0	1.908	0.0	0.0	1.861	0.0	0.0	2.043	0.0	0.0	2.015	0.0
187	4431	4432	NS	1	0.0	27.432	8.306	0.0	25.75	8.382	0.0	306.422	2.395	0.0	44.048	1.942	0.0	1.906	0.0	0.0	1.853	0.0	0.0	2.041	0.0	0.0	2.015	0.0
188	4431	4432	NS	1	0.0	27.316	15.01	0.0	33.283	14.21	0.0	332.993	10.839	0.0	53.672	10.147	0.0	1.908	0.0	0.0	1.861	0.0	0.0	2.043	0.0	0.0	2.015	0.0
189	4431	4432	SN	1	0.0	24.68	9.715	0.0	27.619	9.723	0.0	218.488	3.801	0.0	65.888	4.302	0.0	1.889	0.0	0.0	1.963	0.0	0.0	2.06	0.0	0.0	2.104	0.0
190	4431	4432	SN	1	0.0	32.621	15.935	0.0	27.299	14.11	0.0	169.415	13.459	0.0	69.632	13.474	0.0	1.897	0.0	0.0	1.932	0.0	0.0	2.064	0.0	0.0	2.105	0.0
191	4432	4433	NS	1	0.0	27.31	14.977	0.0	33.686	14.149	0.0	352.18	10.921	0.0	23.946	9.979	0.0	1.908	0.0	0.0	1.862	0.0	0.0	2.044	0.0	0.0	2.016	0.0
192	4432	4433	NS	1	0.0	27.415	8.399	0.0	25.75	8.412	0.0	321.478	2.399	0.0	13.567	1.892	0.0	1.906	0.0	0.0	1.853	0.0	0.0	2.039	0.0	0.0	2.015	0.0

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