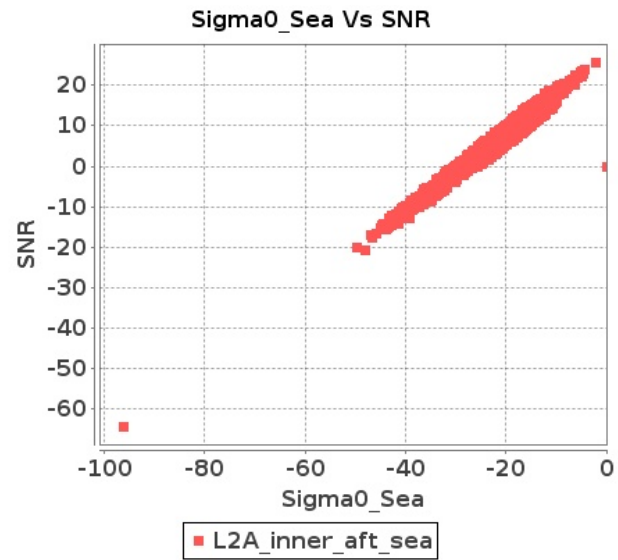


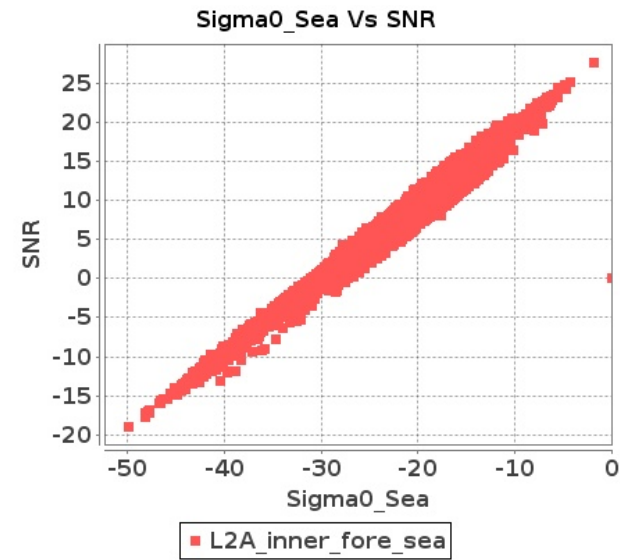
SCATSAT-1 Scatterometer Level-2A Data Quality Cycle wise Report

Report between 10-JUL-2017 To 11-JUL-2017

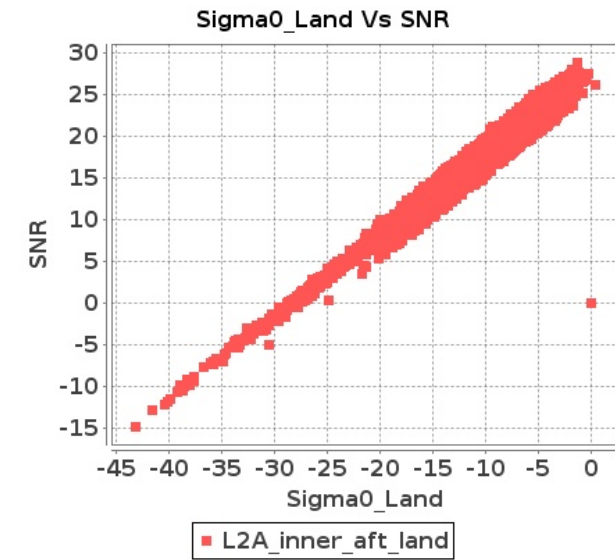
Inner Sea Aft Sigma0VsSNR



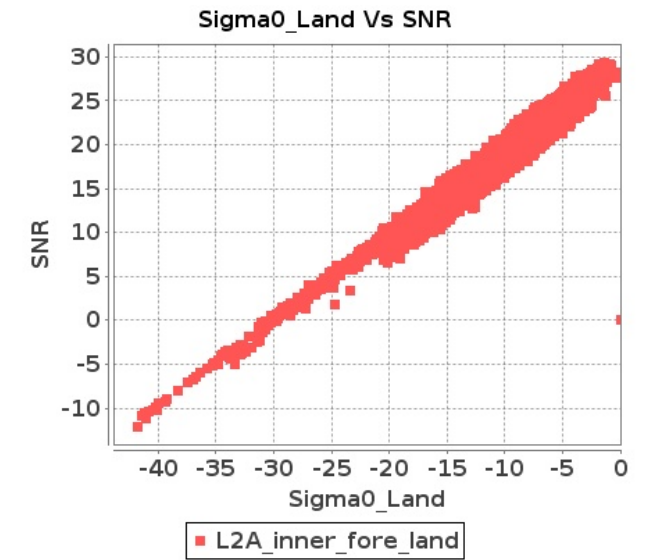
Inner Sea Fore Sigma0VsSNR



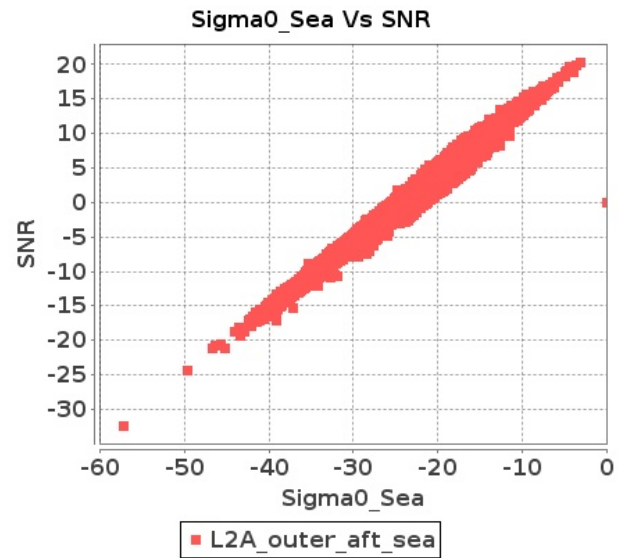
Inner Land Aft Sigma0VsSNR



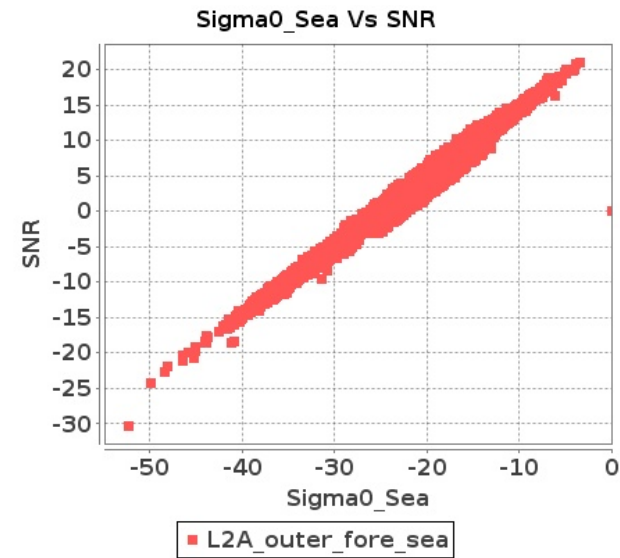
Inner Land Fore Sigma0VsSNR



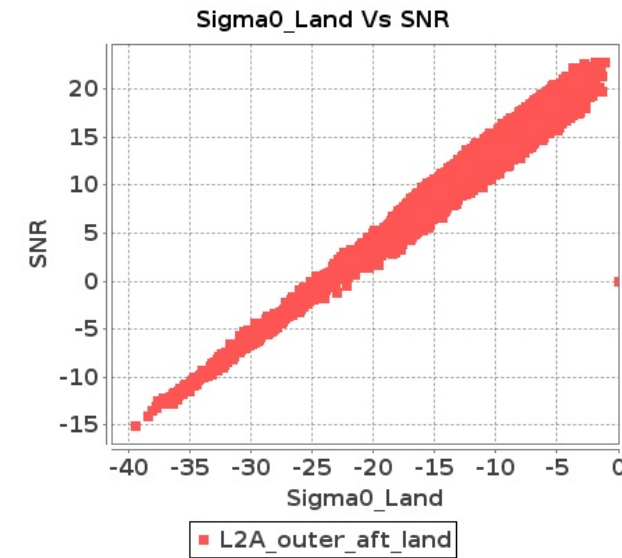
Outer Sea Aft Sigma0VsSNR



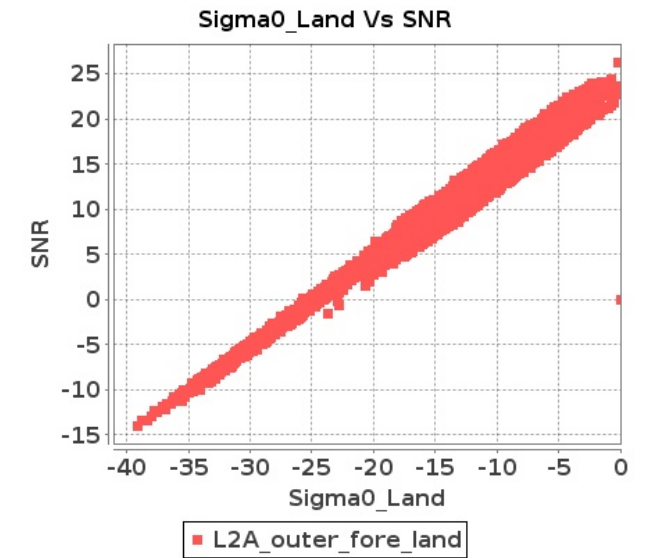
Outer Sea Fore Sigma0VsSNR



Outer Land Aft Sigma0VsSNR



Outer Land Fore Sigma0VsSNR



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

Report between 10-JUL-2017 To 11-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	4158	4159	SN	1	0.0	56.827	1.944	0.0	43.712	1.655	0.0	38.709	1.24	0.0	43.331	1.164	0.0	52.849	1.586	0.0	43.095	1.456	0.0	38.605	1.053	0.0	46.192	1.009
2	4158	4159	SN	1	0.0	54.374	6.641	0.0	49.131	6.078	0.0	43.938	4.431	0.0	44.82	4.092	0.0	52.768	5.92	0.0	49.352	5.585	0.0	43.527	3.673	0.0	44.791	3.507
3	4158	4159	SN	1	0.0	48.104	6.733	0.0	49.297	6.209	0.0	42.572	4.396	0.0	44.236	4.093	0.0	47.736	5.952	0.0	47.152	5.649	0.0	41.825	3.68	0.0	43.714	3.546
4	4158	4159	SN	1	0.0	48.104	6.908	0.0	49.297	6.469	0.0	42.572	4.309	0.0	44.236	4.227	0.0	47.736	6.125	0.0	47.152	5.895	0.0	41.825	3.65	0.0	43.714	3.662
5	4158	4159	SN	1	0.0	43.789	1.917	0.0	45.952	1.667	0.0	37.445	1.221	0.0	41.268	1.159	0.0	42.968	1.547	0.0	44.186	1.479	0.0	37.039	1.026	0.0	43.264	0.997
6	4158	4159	SN	1	0.0	43.789	1.971	0.0	45.952	1.741	0.0	37.445	1.219	0.0	40.725	1.187	0.0	42.968	1.587	0.0	44.186	1.54	0.0	37.377	1.04	0.0	43.264	1.023
7	4159	4160	SN	1	0.0	47.781	7.013	0.0	49.199	6.199	0.0	45.225	5.623	0.0	46.183	5.246	0.0	46.867	6.392	0.0	47.818	5.726	0.0	45.275	5.133	0.0	45.16	4.904
8	4159	4160	NS	1	0.0	48.8	2.57	0.0	46.989	2.14	0.0	44.158	1.472	0.0	45.72	1.376	0.0	47.092	2.285	0.0	44.912	1.826	0.0	42.801	1.266	0.0	45.382	1.204
9	4159	4160	NS	1	0.0	53.679	9.301	0.0	55.519	7.908	0.0	46.752	5.175	0.0	49.088	5.154	0.0	53.98	8.668	0.0	56.92	7.265	0.0	47.064	4.541	0.0	49.707	4.421
10	4159	4160	SN	1	0.0	47.781	7.125	0.0	49.199	6.283	0.0	45.225	5.707	0.0	46.183	5.328	0.0	46.867	6.494	0.0	47.818	5.813	0.0	45.275	5.217	0.0	45.16	4.98
11	4159	4160	SN	1	0.0	47.801	2.469	0.0	45.615	2.06	0.0	38.765	1.679	0.0	42.867	1.619	0.0	43.455	2.264	0.0	45.608	1.925	0.0	41.898	1.479	0.0	44.789	1.455
12	4159	4160	SN	1	0.0	47.801	2.512	0.0	45.615	2.071	0.0	38.765	1.707	0.0	42.867	1.628	0.0	43.455	2.301	0.0	45.608	1.935	0.0	41.898	1.502	0.0	44.789	1.463
13	4159	4160	SN	1	0.0	47.781	7.014	0.0	49.199	6.27	0.0	45.225	5.623	0.0	46.183	5.297	0.0	46.867	6.393	0.0	47.818	5.792	0.0	45.275	5.133	0.0	45.16	4.958
14	4159	4160	SN	1	0.0	47.801	2.469	0.0	45.615	2.037	0.0	38.765	1.679	0.0	42.867	1.601	0.0	43.455	2.264	0.0	45.608	1.904	0.0	41.898	1.479	0.0	44.789	1.439
15	4160	4161	SN	1	0.0	48.225	5.648	0.0	49.269	5.055	0.0	42.482	4.917	0.0	46.412	5.43	0.0	49.177	5.354	0.0	46.92	5.075	0.0	41.544	4.846	0.0	47.791	5.249
16	4160	4161	SN	1	0.0	46.733	1.98	0.0	49.106	1.955	0.0	36.46	1.546	0.0	40.955	1.725	0.0	46.704	1.82	0.0	46.068	1.953	0.0	37.955	1.447	0.0	40.149	1.589
17	4160	4161	NS	1	0.0	46.56	0.992	0.0	43.132	0.677	0.0	44.111	0.652	0.0	37.297	0.613	0.0	41.942	0.766	0.0	41.667	0.56	0.0	40.212	0.508	0.0	36.861	0.465
18	4160	4161	NS	1	0.0	48.576	0.963	0.0	45.958	0.677	0.0	37.634	0.622	0.0	46.758	0.647	0.0	45.026	0.73	0.0	47.181	0.517	0.0	37.489	0.481	0.0	46.891	0.477
19	4160	4161	SN	1	0.0	46.733	2.009	0.0	49.106	1.955	0.0	37.66	1.553	0.0	40.955	1.722	0.0	46.704	1.849	0.0	46.068	1.953	0.0	36.237	1.461	0.0	40.149	1.584
20	4160	4161	SN	1	0.0	46.733	2.009	0.0	49.106	1.955	0.0	37.66	1.553	0.0	40.955	1.722	0.0	46.704	1.849	0.0	46.068	1.953	0.0	36.237	1.461	0.0	40.149	1.584
21	4160	4161	SN	1	0.0	48.225	5.581	0.0	49.269	5.039	0.0	42.482	4.85	0.0	46.412	5.426	0.0	49.177	5.291	0.0	46.92	5.07	0.0	41.544	4.8	0.0	47.791	5.246
22	4160	4161	SN	1	0.0	48.225	5.648	0.0	49.269	5.055	0.0	42.482	4.917	0.0	46.412	5.43	0.0	49.177	5.354	0.0	46.92	5.075	0.0	41.544	4.846	0.0	47.791	5.249
23	4160	4161	NS	1	0.0	44.86	2.945	0.0	43.212	2.11	0.0	36.515	1.964	0.0	53.22	1.965	0.0	43.532	2.171	0.0	42.332	1.517	0.0	37.515	1.544	0.0	51.399	1.552
24	4160	4161	NS	1	0.0	44.301	2.976	0.0	43.571	2.11	0.0	37.014	1.958	0.0	44.526	1.929	0.0	41.791	2.272	0.0	42.765	1.557	0.0	35.3	1.602	0.0	44.684	1.509
25	4161	4162	SN	1	0.0	43.381	2.625	0.0	41.439	2.187	0.0	39.297	2.026	0.0	39.908	1.969	0.0	43.43	2.353	0.0	41.558	2.049	0.0	38.738	1.975	0.0	37.57	1.829
26	4161	4162	NS	1	0.0	48.403	1.306	0.0	44.116	0.982	0.0	41.984	0.917	0.0	35.886	0.94	0.0	47.43	1.035	0.0	42.862	0.777	0.0	38.646	0.782	0.0	36.201	0.748
27	4161	4162	NS	1	0.0	43.601	3.982	0.0	45.339	3.025	0.0	42.184	2.578	0.0	58.393	2.862	0.0	40.469	3.459	0.0	45.705	2.532	0.0	39.567	2.357	0.0	56.878	2.2
28	4161	4162	SN	1	0.0	43.347	8.373	0.0	47.969	6.843	0.0	45.882	6.018	0.0	40.982	5.722	0.0	44.72	7.692	0.0	49.441	6.273	0.0	47.702	5.997	0.0	39.468	5.592
29	4161	4162	NS	1	0.0	43.601	3.982	0.0	45.339	3.025	0.0	42.184	2.578	0.0	58.393	2.862	0.0	40.469	3.459	0.0	45.705	2.532	0.0	39.567	2.357	0.0	56.878	2.2
30	4161	4162	SN	1	0.0	43.347	8.372	0.0	47.969	6.765	0.0	45.882	6.018	0.0	40.982	5.674	0.0	44.72	7.691	0.0	49.441	6.202	0.0	47.702	5.997	0.0	39.468	5.532
31	4161	4162	SN	1	0.0	43.347	8.363	0.0	43.836	6.793	0.0	45.882	6.109	0.0	40.982	5.742	0.0	44.72	7.659	0.0	43.916	6.23	0.0	47.702	6.094	0.0	39.468	5.589

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

32	4161	4162	SN	1	0.0	43.381	2.623	0.0	41.439	2.211	0.0	39.297	2.026	0.0	39.908	1.989	0.0	43.43	2.353	0.0	41.558	2.072	0.0	38.738	1.975	0.0	37.57	1.849
33	4161	4162	SN	1	0.0	43.381	2.626	0.0	41.439	2.208	0.0	39.297	2.062	0.0	39.908	1.994	0.0	43.43	2.357	0.0	41.558	2.077	0.0	38.738	2.01	0.0	37.57	1.853
34	4161	4162	NS	1	0.0	48.403	1.306	0.0	44.116	0.982	0.0	41.984	0.917	0.0	35.886	0.94	0.0	47.43	1.035	0.0	42.862	0.777	0.0	38.646	0.782	0.0	36.201	0.748
35	4162	4163	SN	1	0.0	44.667	3.518	0.0	43.953	3.006	0.0	41.224	2.634	0.0	39.993	2.407	0.0	42.01	3.399	0.0	44.6	2.864	0.0	39.675	2.539	0.0	37.14	2.248
36	4162	4163	NS	1	0.0	48.316	1.559	0.0	47.779	1.355	0.0	41.696	1.062	0.0	42.331	1.013	0.0	47.514	1.498	0.0	49.624	1.285	0.0	40.646	1.01	0.0	42.783	0.981
37	4162	4163	SN	1	0.0	45.79	10.675	0.0	49.451	9.02	0.0	39.411	7.138	0.0	42.201	6.915	0.0	44.421	10.635	0.0	49.323	8.657	0.0	37.753	7.195	0.0	43.51	6.794
38	4162	4163	SN	1	0.0	44.667	3.442	0.0	43.953	2.971	0.0	41.224	2.571	0.0	39.993	2.378	0.0	42.01	3.328	0.0	44.6	2.826	0.0	39.675	2.479	0.0	37.14	2.216
39	4162	4163	SN	1	0.0	45.79	10.676	0.0	49.451	9.124	0.0	39.411	7.138	0.0	42.201	6.983	0.0	44.421	10.636	0.0	49.323	8.758	0.0	37.753	7.195	0.0	43.51	6.868
40	4162	4163	NS	1	0.0	51.135	4.645	0.0	57.426	3.848	0.0	44.99	3.952	0.0	46.268	3.674	0.0	53.328	4.182	0.0	60.549	3.467	0.0	46.493	3.788	0.0	45.925	3.332
41	4162	4163	NS	1	0.0	51.135	4.664	0.0	57.743	3.951	0.0	44.288	4.164	0.0	47.301	3.64	0.0	51.304	4.211	0.0	59.319	3.489	0.0	43.794	3.865	0.0	47.087	3.284
42	4162	4163	SN	1	0.0	44.667	3.44	0.0	43.953	2.937	0.0	41.224	2.569	0.0	39.993	2.351	0.0	42.01	3.325	0.0	44.6	2.795	0.0	39.675	2.477	0.0	37.14	2.191
43	4162	4163	SN	1	0.0	45.79	10.87	0.0	49.451	9.212	0.0	39.411	7.302	0.0	42.201	7.064	0.0	44.421	10.808	0.0	49.323	8.86	0.0	37.753	7.375	0.0	43.51	6.962
44	4162	4163	NS	1	0.0	47.971	1.596	0.0	44.798	1.341	0.0	39.492	1.085	0.0	40.452	0.982	0.0	49.3	1.505	0.0	44.385	1.251	0.0	39.809	0.979	0.0	41.207	0.933
45	4163	4164	NS	1	0.0	51.826	9.358	0.0	52.428	8.787	0.0	45.589	6.961	0.0	45.977	6.831	0.0	50.792	8.996	0.0	52.341	8.103	0.0	46.001	6.69	0.0	43.692	6.482
46	4163	4164	NS	1	0.0	50.762	9.422	0.0	52.016	8.873	0.0	48.494	7.141	0.0	49.092	7.105	0.0	49.729	8.829	0.0	52.959	8.41	0.0	47.592	6.849	0.0	48.65	6.593
47	4163	4164	SN	1	0.0	49.53	3.321	0.0	45.146	3.023	0.0	39.851	2.416	0.0	39.009	2.329	0.0	48.381	2.979	0.0	41.916	2.68	0.0	41.055	2.225	0.0	37.974	2.173
48	4163	4164	NS	1	0.0	48.047	3.09	0.0	49.852	2.888	0.0	44.759	2.115	0.0	44.289	2.119	0.0	46.912	2.917	0.0	49.807	2.647	0.0	44.747	2.014	0.0	40.27	1.933
49	4163	4164	NS	1	0.0	45.398	3.178	0.0	47.563	2.813	0.0	39.95	2.128	0.0	43.121	2.119	0.0	48.655	2.884	0.0	46.632	2.591	0.0	40.046	1.975	0.0	42.319	1.918
50	4163	4164	SN	1	0.0	51.608	10.409	0.0	42.788	9.837	0.0	41.41	6.721	0.0	42.655	7.127	0.0	51.826	9.597	0.0	45.401	8.951	0.0	42.57	6.522	0.0	40.861	6.717
51	4163	4164	SN	1	0.0	51.608	10.756	0.0	42.788	9.983	0.0	41.41	6.951	0.0	42.655	7.307	0.0	51.826	9.91	0.0	45.401	9.134	0.0	42.57	6.737	0.0	40.861	6.899
52	4163	4164	SN	1	0.0	49.53	3.439	0.0	45.146	3.099	0.0	39.851	2.502	0.0	39.009	2.399	0.0	48.381	3.091	0.0	41.916	2.755	0.0	41.055	2.307	0.0	37.974	2.236
53	4164	4165	SN	1	0.0	47.111	11.734	0.0	56.015	11.734	0.0	44.102	8.737	0.0	45.672	8.871	0.0	48.682	11.093	0.0	54.455	11.322	0.0	42.65	8.673	0.0	45.438	8.714
54	4164	4165	SN	1	0.0	47.111	12.211	0.0	56.015	12.09	0.0	44.102	9.203	0.0	45.672	9.238	0.0	48.682	11.584	0.0	54.455	11.684	0.0	42.65	9.15	0.0	45.438	9.079
55	4164	4165	SN	1	0.0	47.111	11.736	0.0	56.015	11.87	0.0	44.102	8.737	0.0	45.672	8.975	0.0	48.682	11.096	0.0	54.455	11.452	0.0	42.65	8.673	0.0	45.438	8.809
56	4164	4165	NS	1	0.0	52.092	8.177	0.0	49.821	6.846	0.0	46.859	6.17	0.0	47.326	5.243	0.0	52.49	7.473	0.0	49.521	6.403	0.0	46.548	5.885	0.0	47.05	5.029
57	4164	4165	NS	1	0.0	52.092	8.177	0.0	49.821	6.846	0.0	46.859	6.17	0.0	47.326	5.243	0.0	52.49	7.473	0.0	49.521	6.403	0.0	46.548	5.885	0.0	47.05	5.029
58	4164	4165	SN	1	0.0	49.668	4.088	0.0	46.384	4.262	0.0	47.541	2.908	0.0	42.643	2.745	0.0	49.553	3.868	0.0	45.99	4.029	0.0	43.717	2.842	0.0	44.565	2.591
59	4164	4165	SN	1	0.0	49.668	3.89	0.0	46.384	4.117	0.0	47.541	2.762	0.0	42.643	2.666	0.0	49.553	3.676	0.0	45.99	3.879	0.0	43.717	2.691	0.0	44.565	2.507
60	4164	4165	NS	1	0.0	47.216	2.625	0.0	44.012	2.145	0.0	44.645	1.813	0.0	43.752	1.591	0.0	45.891	2.372	0.0	49.614	2.021	0.0	43.523	1.683	0.0	40.932	1.458
61	4164	4165	NS	1	0.0	47.216	2.625	0.0	44.012	2.145	0.0	44.645	1.813	0.0	43.752	1.591	0.0	45.891	2.372	0.0	49.614	2.021	0.0	43.523	1.683	0.0	40.932	1.458
62	4164	4165	SN	1	0.0	49.668	3.89	0.0	46.384	4.071	0.0	47.541	2.762	0.0	42.643	2.635	0.0	49.553	3.676	0.0	45.99	3.836	0.0	43.717	2.691	0.0	44.565	2.48
63	4165	4166	SN	1	0.0	52.411	3.695	0.0	53.24	3.776	0.0	41.22	2.109	0.0	43.556	2.07	0.0	51.799	3.336	0.0	54.852	3.478	0.0	42.078	1.948	0.0	43.45	1.777
64	4165	4166	NS	1	0.0	40.381	2.857	0.0	46.059	2.584	0.0	40.661	2.114	0.0	37.603	1.948	0.0	39.0	2.823	0.0	44.921	2.471	0.0	37.538	2.121	0.0	35.907	1.868
65	4165	4166	SN	1	0.0	54.247	12.031	0.0	52.397	12.145	0.0	48.211	7.638	0.0	48.0	7.495	0.0	56.054	11.354	0.0	57.827	11.563	0.0	49.574	7.081	0.0	48.2	6.809
66	4165	4166	NS	1	0.0	43.021	9.0	0.0	46.094	8.386	0.0	40.827	6.344	0.0	45.146	5.693	0.0	43.84	9.081	0.0	47.119	8.135	0.0	40.084	6.565	0.0	45.375	5.857
67	4165	4166	SN	1	0.0	54.247	11.824	0.0	52.397	12.266	0.0	48.211	7.277	0.0	48.0	7.466	0.0	56.054	11.203	0.0	57.827	11.732	0.0	49.574	6.738	0.0	48.2	6.803

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

68	4165	4166	NS	1	0.0	45.038	8.992	0.0	46.351	8.021	0.0	41.475	6.903	0.0	46.712	6.069	0.0	44.422	8.892	0.0	46.592	8.051	0.0	42.626	7.081	0.0	48.425	6.126
69	4165	4166	SN	1	0.0	52.411	3.588	0.0	53.24	3.776	0.0	41.22	2.026	0.0	43.556	2.117	0.0	51.799	3.226	0.0	54.852	3.488	0.0	42.078	1.865	0.0	43.45	1.815
70	4165	4166	SN	1	0.0	54.247	11.827	0.0	52.397	12.427	0.0	48.211	7.277	0.0	48.0	7.548	0.0	56.054	11.206	0.0	57.827	11.867	0.0	49.574	6.738	0.0	48.2	6.877
71	4165	4166	SN	1	0.0	52.411	3.586	0.0	53.24	3.728	0.0	41.22	2.026	0.0	43.556	2.094	0.0	51.799	3.226	0.0	54.852	3.447	0.0	42.078	1.865	0.0	43.45	1.799
72	4165	4166	NS	1	0.0	45.146	2.716	0.0	44.905	2.536	0.0	37.171	2.17	0.0	38.762	1.809	0.0	44.074	2.627	0.0	44.325	2.357	0.0	35.978	2.143	0.0	37.606	1.756
73	4166	4167	NS	1	0.0	49.967	6.91	0.0	44.417	5.327	0.0	42.507	5.072	0.0	44.735	4.715	0.0	47.943	6.317	0.0	46.53	5.106	0.0	41.319	5.001	0.0	42.392	4.559
74	4166	4167	SN	1	0.0	52.759	8.129	0.0	55.118	7.843	0.0	45.61	4.794	0.0	43.599	5.74	0.0	51.368	7.437	0.0	55.688	7.349	0.0	43.235	4.433	0.0	43.356	5.348
75	4166	4167	SN	1	0.0	52.759	8.129	0.0	55.118	7.843	0.0	45.61	4.794	0.0	43.599	5.74	0.0	51.368	7.437	0.0	55.688	7.349	0.0	43.235	4.433	0.0	43.356	5.348
76	4166	4167	NS	1	0.0	50.95	2.297	0.0	43.604	1.732	0.0	40.38	1.603	0.0	40.152	1.527	0.0	49.713	2.026	0.0	43.895	1.619	0.0	42.272	1.546	0.0	40.67	1.401
77	4166	4167	NS	1	0.0	46.436	6.898	0.0	42.307	5.339	0.0	47.74	5.22	0.0	44.818	4.802	0.0	48.021	6.365	0.0	42.782	5.078	0.0	47.919	5.027	0.0	47.644	4.489
78	4166	4167	SN	1	0.0	52.552	2.493	0.0	49.957	2.482	0.0	42.493	1.382	0.0	39.51	1.664	0.0	48.504	2.195	0.0	47.715	2.364	0.0	43.658	1.285	0.0	39.699	1.504
79	4166	4167	SN	1	0.0	52.552	2.493	0.0	49.957	2.482	0.0	42.493	1.382	0.0	39.51	1.664	0.0	48.504	2.195	0.0	47.715	2.364	0.0	43.658	1.285	0.0	39.699	1.504
80	4166	4167	NS	1	0.0	43.743	2.254	0.0	39.496	1.814	0.0	39.212	1.592	0.0	39.988	1.511	0.0	42.702	2.037	0.0	41.342	1.611	0.0	38.065	1.483	0.0	39.149	1.345
81	4167	4168	NS	1	0.0	52.084	10.339	0.0	50.103	9.11	0.0	47.205	7.043	0.0	43.751	6.705	0.0	51.457	8.951	0.0	53.585	8.175	0.0	46.272	6.587	0.0	42.183	6.056
82	4167	4168	NS	1	0.0	52.084	10.339	0.0	50.103	9.11	0.0	47.205	7.043	0.0	43.751	6.705	0.0	51.457	8.951	0.0	53.585	8.175	0.0	46.272	6.587	0.0	42.183	6.056
83	4167	4168	SN	1	0.0	51.073	5.432	0.0	47.618	5.104	0.0	43.239	3.667	0.0	40.415	3.907	0.0	51.294	5.092	0.0	49.796	4.842	0.0	42.053	3.412	0.0	43.032	3.807
84	4167	4168	SN	1	0.0	47.369	1.742	0.0	43.817	1.542	0.0	41.197	1.117	0.0	36.503	1.162	0.0	48.587	1.6	0.0	41.07	1.395	0.0	37.842	1.004	0.0	36.365	1.1
85	4167	4168	NS	1	0.0	52.233	3.332	0.0	49.967	2.885	0.0	44.885	2.094	0.0	45.44	1.978	0.0	48.799	2.914	0.0	46.996	2.593	0.0	42.777	1.943	0.0	43.115	1.74
86	4167	4168	NS	1	0.0	52.233	3.332	0.0	49.967	2.885	0.0	44.885	2.096	0.0	45.44	1.98	0.0	48.799	2.914	0.0	46.996	2.593	0.0	42.777	1.943	0.0	43.115	1.742
87	4168	4169	SN	1	0.0	48.584	2.625	0.0	50.163	2.528	0.0	46.803	1.921	0.0	45.349	1.846	0.0	48.593	2.42	0.0	53.886	2.379	0.0	45.514	1.798	0.0	43.188	1.768
88	4168	4169	NS	1	0.0	43.189	2.335	0.0	47.132	1.887	0.0	42.123	1.71	0.0	45.852	1.695	0.0	39.381	2.249	0.0	48.331	1.907	0.0	42.071	1.737	0.0	42.086	1.709
89	4168	4169	NS	1	0.0	49.515	6.756	0.0	56.181	5.837	0.0	43.616	5.168	0.0	47.047	5.069	0.0	50.622	6.636	0.0	53.562	5.948	0.0	40.573	5.296	0.0	45.99	5.204
90	4168	4169	SN	1	0.0	51.725	7.225	0.0	51.017	7.415	0.0	50.025	6.247	0.0	43.361	6.627	0.0	51.556	6.704	0.0	51.161	6.962	0.0	47.794	6.112	0.0	44.459	6.028
91	4169	4170	NS	1	0.0	48.986	5.861	0.0	50.373	6.159	0.0	39.43	4.399	0.0	44.889	4.314	0.0	47.856	5.047	0.0	49.663	5.506	0.0	40.123	3.879	0.0	46.801	3.78
92	4169	4170	NS	1	0.0	45.977	2.044	0.0	50.373	1.968	0.0	40.367	1.454	0.0	37.792	1.442	0.0	46.367	1.725	0.0	47.754	1.728	0.0	40.72	1.214	0.0	36.452	1.194
93	4169	4170	NS	1	0.0	45.977	2.014	0.0	50.373	1.941	0.0	40.367	1.432	0.0	37.792	1.423	0.0	46.367	1.7	0.0	47.754	1.704	0.0	40.72	1.195	0.0	36.452	1.177
94	4169	4170	SN	1	0.0	53.69	7.325	0.0	47.482	7.003	0.0	47.759	6.176	0.0	45.313	6.255	0.0	55.001	7.345	0.0	48.462	6.722	0.0	44.045	6.098	0.0	47.228	5.963
95	4169	4170	SN	1	0.0	53.477	7.375	0.0	46.798	7.034	0.0	48.0	6.148	0.0	45.104	6.241	0.0	54.789	7.386	0.0	48.462	6.742	0.0	44.288	6.048	0.0	47.016	5.949
96	4169	4170	SN	1	0.0	51.886	2.642	0.0	49.226	2.667	0.0	41.48	1.729	0.0	43.347	1.735	0.0	50.506	2.532	0.0	49.815	2.631	0.0	40.604	1.739	0.0	40.892	1.611
97	4169	4170	NS	1	0.0	48.986	5.912	0.0	50.373	6.24	0.0	39.43	4.467	0.0	44.889	4.37	0.0	47.856	5.105	0.0	49.663	5.579	0.0	40.123	3.94	0.0	46.801	3.829
98	4169	4170	SN	1	0.0	54.47	2.651	0.0	49.226	2.665	0.0	44.261	1.729	0.0	42.629	1.734	0.0	50.571	2.53	0.0	49.815	2.629	0.0	42.989	1.748	0.0	41.816	1.62
99	4170	4171	NS	1	0.0	47.078	8.135	0.0	53.13	7.394	0.0	41.2	5.758	0.0	47.361	5.517	0.0	47.061	7.28	0.0	50.804	6.771	0.0	40.385	5.438	0.0	45.27	5.268
100	4170	4171	SN	1	0.0	48.571	7.146	0.0	54.58	6.52	0.0	51.224	6.07	0.0	48.435	5.906	0.0	48.464	6.645	0.0	51.546	6.047	0.0	51.054	5.822	0.0	48.025	5.357
101	4170	4171	SN	1	0.0	48.571	7.136	0.0	53.537	6.53	0.0	49.133	6.035	0.0	42.522	5.899	0.0	48.464	6.625	0.0	50.503	6.078	0.0	46.229	5.794	0.0	44.115	5.407
102	4170	4171	SN	1	0.0	45.901	2.422	0.0	46.664	2.337	0.0	43.639	2.029	0.0	39.588	1.778	0.0	45.217	2.282	0.0	42.236	2.077	0.0	41.018	1.95	0.0	37.737	1.574
103	4170	4171	NS	1	0.0	40.992	2.784	0.0	44.481	2.275	0.0	40.352	1.89	0.0	46.404	1.93	0.0	42.243	2.468	0.0	41.901	2.0	0.0	39.128	1.694	0.0	45.582	1.744

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

104	4170	4171	NS	1	0.0	46.645	8.549	0.0	53.13	7.727	0.0	41.625	6.067	0.0	49.834	5.746	0.0	45.356	7.654	0.0	50.804	7.065	0.0	40.499	5.65	0.0	47.998	5.515
105	4170	4171	NS	1	0.0	40.978	2.766	0.0	44.229	2.266	0.0	38.868	1.881	0.0	43.93	1.937	0.0	42.12	2.466	0.0	41.647	2.0	0.0	37.643	1.7	0.0	43.33	1.751
106	4170	4171	NS	1	0.0	46.645	8.165	0.0	53.13	7.384	0.0	41.625	5.808	0.0	49.834	5.495	0.0	45.356	7.31	0.0	50.804	6.751	0.0	40.499	5.402	0.0	47.998	5.275
107	4170	4171	SN	1	0.0	45.918	2.388	0.0	44.066	2.344	0.0	43.214	2.047	0.0	47.157	1.796	0.0	45.234	2.246	0.0	43.814	2.095	0.0	41.123	1.98	0.0	44.019	1.581
108	4170	4171	NS	1	0.0	40.992	2.911	0.0	44.481	2.381	0.0	40.352	1.978	0.0	46.404	2.021	0.0	42.243	2.582	0.0	41.901	2.092	0.0	39.128	1.773	0.0	45.582	1.826
109	4171	4172	NS	1	0.0	45.442	9.482	0.0	45.332	8.279	0.0	38.044	6.0	0.0	42.567	6.471	0.0	46.082	8.819	0.0	44.969	7.495	0.0	37.615	5.723	0.0	43.88	5.951
110	4171	4172	NS	1	0.0	42.72	3.185	0.0	45.188	2.681	0.0	36.676	2.062	0.0	42.089	2.03	0.0	40.689	2.882	0.0	43.123	2.474	0.0	35.871	1.806	0.0	41.814	1.765
111	4171	4172	NS	1	0.0	46.458	10.472	0.0	45.347	9.086	0.0	43.78	6.533	0.0	44.484	7.05	0.0	47.1	9.709	0.0	45.029	8.226	0.0	42.295	6.346	0.0	44.442	6.527
112	4171	4172	SN	1	0.0	40.873	5.582	0.0	39.548	4.75	0.0	42.923	3.978	0.0	39.837	4.424	0.0	38.979	5.121	0.0	39.46	4.357	0.0	41.149	3.744	0.0	39.905	4.104
113	4171	4172	SN	1	0.0	43.468	5.319	0.0	40.7	4.74	0.0	47.928	4.389	0.0	40.751	4.462	0.0	44.142	4.868	0.0	40.722	4.398	0.0	46.309	4.077	0.0	38.497	4.341
114	4171	4172	NS	1	0.0	42.51	3.49	0.0	43.449	2.933	0.0	43.627	2.256	0.0	41.514	2.235	0.0	40.651	3.192	0.0	43.641	2.703	0.0	39.874	1.967	0.0	43.513	1.944
115	4171	4172	SN	1	0.0	43.194	1.691	0.0	36.976	1.551	0.0	42.037	1.399	0.0	39.056	1.476	0.0	39.978	1.594	0.0	36.763	1.467	0.0	37.208	1.296	0.0	36.143	1.356
116	4171	4172	SN	1	0.0	39.535	1.764	0.0	40.262	1.56	0.0	39.586	1.444	0.0	37.544	1.446	0.0	36.462	1.606	0.0	38.452	1.368	0.0	37.078	1.283	0.0	38.319	1.334
117	4171	4172	NS	1	0.0	46.458	9.532	0.0	45.347	8.279	0.0	43.78	5.993	0.0	44.484	6.443	0.0	47.1	8.829	0.0	45.029	7.495	0.0	42.295	5.808	0.0	44.442	5.959
118	4171	4172	NS	1	0.0	42.51	3.182	0.0	43.449	2.677	0.0	43.627	2.064	0.0	41.514	2.042	0.0	40.651	2.911	0.0	43.641	2.467	0.0	39.874	1.797	0.0	43.513	1.774
119	4172	4173	SN	1	0.0	46.735	7.003	0.0	49.26	6.726	0.0	43.531	5.131	0.0	46.627	5.514	0.0	47.901	6.201	0.0	51.066	6.128	0.0	43.385	4.548	0.0	45.576	4.773
120	4172	4173	NS	1	0.0	45.93	3.547	0.0	51.605	3.143	0.0	43.54	2.392	0.0	40.678	2.486	0.0	48.626	3.367	0.0	46.471	3.034	0.0	43.972	2.373	0.0	40.277	2.381
121	4172	4173	NS	1	0.0	47.587	12.297	0.0	52.448	10.596	0.0	47.604	8.511	0.0	46.724	8.768	0.0	46.071	11.885	0.0	50.229	10.162	0.0	46.098	8.52	0.0	45.875	8.644
122	4172	4173	SN	1	0.0	46.735	6.852	0.0	53.166	6.495	0.0	43.531	5.133	0.0	46.627	5.239	0.0	47.901	6.061	0.0	51.066	5.935	0.0	43.385	4.552	0.0	45.576	4.518
123	4172	4173	NS	1	0.0	47.815	10.463	0.0	51.391	9.216	0.0	45.412	7.493	0.0	46.727	7.612	0.0	45.419	10.091	0.0	51.336	8.784	0.0	45.249	7.685	0.0	45.877	7.37
124	4172	4173	NS	1	0.0	47.815	12.235	0.0	51.391	10.728	0.0	45.412	8.632	0.0	46.727	8.829	0.0	45.419	11.811	0.0	51.336	10.246	0.0	45.249	8.881	0.0	45.877	8.555
125	4172	4173	SN	1	0.0	44.439	2.221	0.0	47.86	2.088	0.0	39.968	1.641	0.0	40.075	1.569	0.0	45.202	1.964	0.0	47.317	1.767	0.0	41.031	1.39	0.0	38.505	1.387
126	4172	4173	SN	1	0.0	44.439	2.303	0.0	47.86	2.18	0.0	39.968	1.704	0.0	40.075	1.645	0.0	45.202	2.03	0.0	47.317	1.852	0.0	40.529	1.444	0.0	38.353	1.462
127	4172	4173	NS	1	0.0	45.93	4.126	0.0	51.605	3.656	0.0	43.54	2.776	0.0	40.678	2.884	0.0	48.626	3.923	0.0	46.471	3.532	0.0	43.972	2.76	0.0	40.277	2.77
128	4172	4173	NS	1	0.0	53.833	4.053	0.0	47.484	3.678	0.0	47.98	2.661	0.0	42.163	2.805	0.0	49.669	4.026	0.0	46.53	3.444	0.0	43.989	2.657	0.0	39.292	2.598
129	4173	4174	NS	1	0.0	48.896	4.105	0.0	45.652	3.265	0.0	47.072	2.432	0.0	42.96	2.245	0.0	48.681	3.644	0.0	45.891	2.935	0.0	44.136	2.203	0.0	42.65	1.958
130	4173	4174	SN	1	0.0	48.91	2.095	0.0	48.146	1.922	0.0	43.025	1.327	0.0	40.177	1.313	0.0	48.035	1.9	0.0	50.336	1.691	0.0	43.565	1.197	0.0	37.523	1.152
131	4173	4174	SN	1	0.0	55.372	7.366	0.0	51.113	6.719	0.0	45.842	4.567	0.0	43.76	4.655	0.0	59.157	6.667	0.0	52.999	6.308	0.0	43.802	4.224	0.0	45.089	4.096
132	4173	4174	SN	1	0.0	55.372	7.427	0.0	51.113	6.777	0.0	45.842	4.558	0.0	43.76	4.744	0.0	59.157	6.704	0.0	52.999	6.387	0.0	43.802	4.24	0.0	45.089	4.187
133	4173	4174	NS	1	0.0	49.858	4.094	0.0	45.683	3.265	0.0	42.785	2.409	0.0	43.805	2.273	0.0	49.898	3.637	0.0	45.966	2.917	0.0	44.66	2.171	0.0	41.154	1.968
134	4173	4174	SN	1	0.0	52.607	7.792	0.0	51.419	6.865	0.0	45.206	4.905	0.0	42.569	4.805	0.0	53.326	7.111	0.0	52.163	6.402	0.0	42.733	4.572	0.0	44.67	4.192
135	4173	4174	NS	1	0.0	55.735	12.803	0.0	54.66	10.804	0.0	46.965	8.509	0.0	54.058	7.897	0.0	56.442	11.777	0.0	55.208	10.101	0.0	46.81	7.982	0.0	50.109	7.192
136	4173	4174	NS	1	0.0	56.882	12.843	0.0	54.399	10.764	0.0	48.647	8.573	0.0	53.319	7.946	0.0	55.999	11.858	0.0	54.946	10.06	0.0	47.566	7.968	0.0	49.37	7.135
137	4173	4174	SN	1	0.0	48.91	2.083	0.0	48.146	1.902	0.0	43.025	1.308	0.0	40.177	1.285	0.0	48.035	1.886	0.0	50.336	1.669	0.0	43.565	1.182	0.0	37.523	1.13
138	4173	4174	SN	1	0.0	50.243	2.229	0.0	49.495	1.92	0.0	42.383	1.385	0.0	43.457	1.31	0.0	49.469	2.058	0.0	51.685	1.658	0.0	42.84	1.245	0.0	45.55	1.152
139	4174	4175	SN	1	0.0	49.954	5.398	0.0	49.724	5.005	0.0	43.396	4.704	0.0	44.776	5.344	0.0	49.846	5.277	0.0	49.661	4.934	0.0	43.314	4.482	0.0	42.571	5.156

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

140	4174	4175	SN	1	0.0	42.952	1.943	0.0	43.54	2.017	0.0	41.865	1.524	0.0	41.3	1.763	0.0	41.44	1.752	0.0	42.549	1.848	0.0	38.945	1.484	0.0	41.329	1.578
141	4174	4175	NS	1	0.0	53.699	2.038	0.0	46.456	1.533	0.0	40.536	1.213	0.0	40.064	0.986	0.0	51.567	1.683	0.0	45.895	1.342	0.0	36.968	0.987	0.0	42.976	0.837
142	4174	4175	NS	1	0.0	49.937	2.05	0.0	46.722	1.49	0.0	38.087	1.187	0.0	38.853	1.007	0.0	50.614	1.752	0.0	45.747	1.291	0.0	37.546	1.025	0.0	36.675	0.858
143	4174	4175	NS	1	0.0	49.937	2.05	0.0	46.722	1.49	0.0	38.087	1.187	0.0	38.853	1.007	0.0	50.614	1.752	0.0	45.747	1.291	0.0	37.546	1.025	0.0	36.675	0.858
144	4174	4175	SN	1	0.0	42.952	1.971	0.0	43.54	2.017	0.0	41.865	1.541	0.0	41.3	1.764	0.0	41.44	1.775	0.0	42.549	1.848	0.0	38.945	1.503	0.0	41.329	1.578
145	4174	4175	SN	1	0.0	42.952	1.971	0.0	43.54	2.02	0.0	41.865	1.541	0.0	41.3	1.764	0.0	41.44	1.775	0.0	42.549	1.851	0.0	38.945	1.503	0.0	41.329	1.579
146	4174	4175	SN	1	0.0	42.952	1.971	0.0	43.54	2.02	0.0	41.865	1.541	0.0	41.3	1.764	0.0	41.44	1.775	0.0	42.549	1.851	0.0	38.945	1.503	0.0	41.329	1.579
147	4174	4175	SN	1	0.0	49.954	5.329	0.0	49.724	5.0	0.0	43.396	4.643	0.0	44.776	5.333	0.0	49.846	5.208	0.0	49.661	4.929	0.0	43.314	4.423	0.0	42.571	5.146
148	4174	4175	NS	1	0.0	54.648	6.334	0.0	50.966	4.994	0.0	47.004	4.001	0.0	42.331	3.482	0.0	51.295	5.64	0.0	50.825	4.451	0.0	44.579	3.524	0.0	43.086	3.147
149	4174	4175	NS	1	0.0	54.648	6.334	0.0	50.966	4.994	0.0	47.004	4.001	0.0	42.331	3.482	0.0	51.295	5.64	0.0	50.825	4.451	0.0	44.579	3.524	0.0	43.086	3.147
150	4174	4175	NS	1	0.0	47.16	6.353	0.0	52.889	5.028	0.0	48.995	3.83	0.0	48.5	3.626	0.0	44.628	5.619	0.0	48.847	4.676	0.0	47.437	3.432	0.0	48.116	3.255
151	4174	4175	SN	1	0.0	49.954	5.398	0.0	49.724	5.005	0.0	43.396	4.704	0.0	44.776	5.344	0.0	49.846	5.277	0.0	49.661	4.934	0.0	43.314	4.482	0.0	42.571	5.156
152	4174	4175	SN	1	0.0	49.954	5.398	0.0	49.724	5.005	0.0	43.396	4.704	0.0	44.776	5.344	0.0	49.846	5.277	0.0	49.661	4.934	0.0	43.314	4.482	0.0	42.571	5.156
153	4175	4176	NS	1	0.0	42.949	4.092	0.0	48.792	3.576	0.0	44.804	3.802	0.0	39.187	3.916	0.0	43.563	3.62	0.0	48.359	3.386	0.0	46.665	3.56	0.0	41.675	3.816
154	4175	4176	SN	1	0.0	43.772	1.739	0.0	45.494	1.445	0.0	43.638	1.237	0.0	40.033	1.42	0.0	44.176	1.465	0.0	47.639	1.183	0.0	44.72	1.108	0.0	38.991	1.143
155	4175	4176	SN	1	0.0	48.545	4.667	0.0	50.192	3.679	0.0	46.421	3.584	0.0	43.967	3.7	0.0	49.766	3.854	0.0	49.346	3.424	0.0	46.147	3.282	0.0	44.0	3.128
156	4175	4176	NS	1	0.0	42.205	1.56	0.0	42.03	1.397	0.0	38.055	1.109	0.0	38.449	1.241	0.0	43.33	1.458	0.0	40.123	1.307	0.0	36.363	1.055	0.0	36.788	1.193
157	4178	4179	SN	1	0.0	50.841	12.513	0.0	48.548	12.214	0.0	42.051	8.488	0.0	46.767	8.381	0.0	49.588	12.355	0.0	48.551	11.821	0.0	43.0	8.675	0.0	46.226	8.313
158	4178	4179	SN	1	0.0	50.37	4.134	0.0	44.434	3.999	0.0	41.795	2.691	0.0	42.706	2.755	0.0	49.849	3.96	0.0	47.228	3.845	0.0	42.712	2.698	0.0	42.275	2.567
159	4178	4179	NS	1	0.0	49.775	9.745	0.0	49.331	7.963	0.0	47.713	6.844	0.0	45.349	5.977	0.0	45.869	8.95	0.0	47.888	7.259	0.0	47.064	6.545	0.0	45.433	5.507
160	4178	4179	SN	1	0.0	50.841	12.069	0.0	48.548	11.881	0.0	43.308	8.162	0.0	46.767	8.165	0.0	49.588	11.889	0.0	48.551	11.458	0.0	43.0	8.318	0.0	46.226	8.086
161	4178	4179	SN	1	0.0	50.37	4.309	0.0	44.434	4.134	0.0	41.795	2.817	0.0	42.706	2.839	0.0	49.849	4.14	0.0	47.228	3.988	0.0	42.712	2.826	0.0	42.275	2.646
162	4178	4179	NS	1	0.0	46.107	2.902	0.0	48.123	2.435	0.0	43.18	2.146	0.0	50.421	1.882	0.0	47.592	2.532	0.0	45.568	2.164	0.0	45.055	2.034	0.0	51.365	1.712
163	4179	4180	SN	1	0.0	51.427	11.096	0.0	49.748	10.559	0.0	46.693	6.821	0.0	51.312	7.46	0.0	48.488	10.454	0.0	51.08	9.854	0.0	45.482	6.502	0.0	48.236	7.047
164	4179	4180	NS	1	0.0	47.481	2.654	0.0	43.222	2.32	0.0	40.824	1.933	0.0	40.408	1.652	0.0	50.344	2.315	0.0	41.199	2.137	0.0	39.405	1.732	0.0	40.943	1.435
165	4179	4180	NS	1	0.0	43.765	7.029	0.0	49.594	6.012	0.0	42.358	5.833	0.0	42.351	5.059	0.0	43.254	6.466	0.0	51.124	5.53	0.0	41.812	5.384	0.0	42.04	4.695
166	4179	4180	SN	1	0.0	51.427	11.003	0.0	49.748	10.395	0.0	46.693	7.003	0.0	51.312	7.362	0.0	48.488	10.432	0.0	51.08	9.702	0.0	45.482	6.712	0.0	48.236	6.925
167	4179	4180	SN	1	0.0	50.658	3.494	0.0	47.804	3.353	0.0	41.724	2.146	0.0	41.625	2.248	0.0	47.116	3.127	0.0	45.401	3.082	0.0	40.17	2.003	0.0	38.939	2.063
168	4179	4180	SN	1	0.0	50.658	3.539	0.0	47.804	3.385	0.0	41.724	2.204	0.0	41.625	2.239	0.0	47.116	3.173	0.0	45.401	3.129	0.0	40.17	2.071	0.0	38.939	2.065
169	4180	4181	SN	1	0.0	49.181	3.774	0.0	55.856	4.04	0.0	52.646	3.376	0.0	48.319	3.532	0.0	50.857	3.064	0.0	57.45	3.426	0.0	48.987	2.794	0.0	49.684	2.946
170	4180	4181	SN	1	0.0	51.45	1.356	0.0	48.443	1.307	0.0	46.396	0.966	0.0	40.536	1.052	0.0	47.483	1.047	0.0	50.415	1.059	0.0	45.508	0.734	0.0	39.08	0.847
171	4180	4181	NS	1	0.0	41.268	2.245	0.0	38.073	1.699	0.0	48.754	1.611	0.0	42.312	1.417	0.0	41.885	1.944	0.0	36.311	1.407	0.0	46.459	1.526	0.0	40.024	1.336
172	4180	4181	NS	1	0.0	44.574	7.613	0.0	44.58	5.872	0.0	43.805	5.014	0.0	41.056	4.709	0.0	42.662	6.637	0.0	43.121	5.027	0.0	43.403	4.879	0.0	42.79	4.403

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	4158	4159	SN	1	0.0	25.86	9.181	0.0	26.792	9.156	0.0	216.695	3.294	0.0	263.01	3.626	0.0	1.873	0.0	0.0	1.934	0.0	0.0	2.048	0.0	0.0	2.099	0.0
2	4158	4159	SN	1	0.0	34.077	15.777	0.0	26.406	14.723	0.0	178.747	12.167	0.0	74.43	12.595	0.0	1.881	0.0	0.0	1.929	0.0	0.0	2.051	0.0	0.0	2.109	0.0
3	4158	4159	SN	1	0.0	31.866	15.762	0.0	26.406	14.748	0.0	178.741	12.16	0.0	74.43	12.698	0.0	1.88	0.0	0.0	1.93	0.0	0.0	2.05	0.0	0.0	2.099	0.0
4	4158	4159	SN	1	0.0	34.077	15.762	0.0	25.788	13.958	0.0	178.741	12.344	0.0	14.753	11.565	0.0	1.88	0.0	0.0	1.93	0.0	0.0	2.05	0.0	0.0	2.099	0.0
5	4158	4159	SN	1	0.0	25.86	9.172	0.0	26.792	9.234	0.0	216.712	3.299	0.0	263.01	3.66	0.0	1.873	0.0	0.0	1.934	0.0	0.0	2.047	0.0	0.0	2.099	0.0
6	4158	4159	SN	1	0.0	25.86	9.191	0.0	26.792	8.976	0.0	216.712	3.357	0.0	13.087	3.351	0.0	1.873	0.0	0.0	1.934	0.0	0.0	2.047	0.0	0.0	2.099	0.0
7	4159	4160	SN	1	0.0	34.138	15.86	0.0	51.477	14.733	0.0	216.403	12.188	0.0	76.289	12.587	0.0	1.88	0.0	0.0	1.934	0.0	0.0	2.054	0.0	0.0	2.113	0.0
8	4159	4160	NS	1	0.0	223.807	8.978	0.0	25.81	8.871	0.0	352.919	3.332	0.0	72.815	2.882	0.0	1.915	0.0	0.0	1.87	0.0	0.0	2.067	0.0	0.0	2.039	0.0
9	4159	4160	NS	1	0.0	25.926	14.882	0.0	33.647	15.404	0.0	351.794	11.481	0.0	46.745	11.383	0.0	1.926	0.0	0.0	1.88	0.0	0.0	2.068	0.0	0.0	2.04	0.0
10	4159	4160	SN	1	0.0	34.138	15.858	0.0	51.477	14.486	0.0	216.403	12.301	0.0	20.858	12.219	0.0	1.88	0.0	0.0	1.934	0.0	0.0	2.054	0.0	0.0	2.113	0.0
11	4159	4160	SN	1	0.0	25.849	9.17	0.0	198.863	9.218	0.0	215.708	3.306	0.0	91.607	3.689	0.0	1.874	0.0	0.0	1.941	0.0	0.0	2.051	0.0	0.0	2.095	0.0
12	4159	4160	SN	1	0.0	25.849	9.174	0.0	198.863	9.087	0.0	215.708	3.338	0.0	13.975	3.507	0.0	1.874	0.0	0.0	1.941	0.0	0.0	2.051	0.0	0.0	2.095	0.0
13	4159	4160	SN	1	0.0	31.562	15.842	0.0	51.477	14.76	0.0	216.403	12.188	0.0	76.289	12.69	0.0	1.88	0.0	0.0	1.934	0.0	0.0	2.054	0.0	0.0	2.113	0.0
14	4159	4160	SN	1	0.0	25.849	9.172	0.0	198.863	9.145	0.0	215.708	3.306	0.0	91.607	3.647	0.0	1.874	0.0	0.0	1.941	0.0	0.0	2.051	0.0	0.0	2.095	0.0
15	4160	4161	SN	1	0.0	34.116	15.869	0.0	25.954	14.471	0.0	189.484	12.326	0.0	22.573	12.412	0.0	1.884	0.0	0.0	1.933	0.0	0.0	2.055	0.0	0.0	2.099	0.0
16	4160	4161	SN	1	0.0	25.86	9.199	0.0	26.775	9.206	0.0	189.49	3.306	0.0	70.553	3.686	0.0	1.875	0.0	0.0	1.941	0.0	0.0	2.051	0.0	0.0	2.107	0.0
17	4160	4161	NS	1	0.0	26.786	8.952	0.0	25.816	8.854	0.0	350.255	3.3	0.0	68.778	2.872	0.0	1.909	0.0	0.0	1.868	0.0	0.0	2.064	0.0	0.0	2.038	0.0
18	4160	4161	NS	1	0.0	26.808	8.967	0.0	25.81	8.869	0.0	353.134	3.299	0.0	73.774	2.874	0.0	1.908	0.0	0.0	1.868	0.0	0.0	2.064	0.0	0.0	2.038	0.0
19	4160	4161	SN	1	0.0	25.86	9.197	0.0	26.775	9.095	0.0	189.49	3.329	0.0	14.455	3.543	0.0	1.875	0.0	0.0	1.941	0.0	0.0	2.051	0.0	0.0	2.107	0.0
20	4160	4161	SN	1	0.0	25.86	9.197	0.0	26.775	9.095	0.0	189.49	3.329	0.0	14.455	3.543	0.0	1.875	0.0	0.0	1.941	0.0	0.0	2.051	0.0	0.0	2.107	0.0
21	4160	4161	SN	1	0.0	31.595	15.862	0.0	26.406	14.69	0.0	189.484	12.238	0.0	85.077	12.833	0.0	1.884	0.0	0.0	1.933	0.0	0.0	2.055	0.0	0.0	2.099	0.0
22	4160	4161	SN	1	0.0	34.116	15.869	0.0	25.954	14.471	0.0	189.484	12.326	0.0	22.573	12.412	0.0	1.884	0.0	0.0	1.933	0.0	0.0	2.055	0.0	0.0	2.099	0.0
23	4160	4161	NS	1	0.0	25.921	15.099	0.0	33.702	15.405	0.0	350.867	11.393	0.0	44.82	11.3	0.0	1.929	0.0	0.0	1.881	0.0	0.0	2.067	0.0	0.0	2.038	0.0
24	4160	4161	NS	1	0.0	25.932	15.073	0.0	33.702	15.424	0.0	353.062	11.413	0.0	46.547	11.313	0.0	1.928	0.0	0.0	1.88	0.0	0.0	2.067	0.0	0.0	2.038	0.0
25	4161	4162	SN	1	0.0	25.871	9.195	0.0	26.775	9.17	0.0	215.537	3.356	0.0	78.84	3.677	0.0	1.877	0.0	0.0	1.945	0.0	0.0	2.052	0.0	0.0	2.098	0.0
26	4161	4162	NS	1	0.0	26.803	8.962	0.0	25.816	8.841	0.0	350.652	3.297	0.0	69.384	2.842	0.0	1.907	0.0	0.0	1.867	0.0	0.0	2.065	0.0	0.0	2.038	0.0
27	4161	4162	NS	1	0.0	25.92	15.122	0.0	33.702	15.384	0.0	351.11	11.343	0.0	45.14	11.336	0.0	1.927	0.0	0.0	1.881	0.0	0.0	2.068	0.0	0.0	2.038	0.0
28	4161	4162	SN	1	0.0	31.524	15.954	0.0	26.406	14.705	0.0	202.671	12.242	0.0	73.984	12.936	0.0	1.881	0.0	0.0	1.963	0.0	0.0	2.053	0.0	0.0	2.089	0.0
29	4161	4162	NS	1	0.0	25.92	15.122	0.0	33.702	15.384	0.0	351.11	11.343	0.0	45.14	11.336	0.0	1.927	0.0	0.0	1.881	0.0	0.0	2.068	0.0	0.0	2.038	0.0
30	4161	4162	SN	1	0.0	33.857	15.972	0.0	26.406	14.688	0.0	202.671	12.242	0.0	73.984	12.824	0.0	1.881	0.0	0.0	1.963	0.0	0.0	2.053	0.0	0.0	2.089	0.0
31	4161	4162	SN	1	0.0	33.857	15.971	0.0	26.552	14.395	0.0	202.671	12.355	0.0	20.328	12.398	0.0	1.881	0.0	0.0	1.963	0.0	0.0	2.053	0.0	0.0	2.089	0.0

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

32	4161	4162	SN	1	0.0	25.871	9.19	0.0	26.775	9.243	0.0	215.537	3.356	0.0	78.84	3.718	0.0	1.877	0.0	0.0	1.945	0.0	0.0	2.052	0.0	0.0	2.098	0.0
33	4161	4162	SN	1	0.0	25.871	9.203	0.0	76.353	9.107	0.0	215.537	3.392	0.0	13.898	3.525	0.0	1.877	0.0	0.0	1.945	0.0	0.0	2.052	0.0	0.0	2.098	0.0
34	4161	4162	NS	1	0.0	26.803	8.962	0.0	25.816	8.841	0.0	350.652	3.297	0.0	69.384	2.842	0.0	1.907	0.0	0.0	1.867	0.0	0.0	2.065	0.0	0.0	2.038	0.0
35	4162	4163	SN	1	0.0	25.865	9.22	0.0	26.764	9.093	0.0	188.095	3.387	0.0	13.898	3.484	0.0	1.875	0.0	0.0	1.942	0.0	0.0	2.05	0.0	0.0	2.091	0.0
36	4162	4163	NS	1	0.0	26.781	8.944	0.0	25.81	8.867	0.0	353.437	3.306	0.0	63.77	2.834	0.0	1.906	0.0	0.0	1.866	0.0	0.0	2.065	0.0	0.0	2.038	0.0
37	4162	4163	SN	1	0.0	33.994	16.032	0.0	26.406	14.677	0.0	225.073	12.214	0.0	75.456	12.789	0.0	1.883	0.0	0.0	1.94	0.0	0.0	2.053	0.0	0.0	2.087	0.0
38	4162	4163	SN	1	0.0	25.865	9.206	0.0	26.764	9.255	0.0	188.095	3.34	0.0	77.359	3.722	0.0	1.875	0.0	0.0	1.942	0.0	0.0	2.05	0.0	0.0	2.091	0.0
39	4162	4163	SN	1	0.0	31.397	16.014	0.0	26.406	14.695	0.0	225.073	12.214	0.0	75.456	12.9	0.0	1.883	0.0	0.0	1.94	0.0	0.0	2.053	0.0	0.0	2.087	0.0
40	4162	4163	NS	1	0.0	25.92	15.12	0.0	33.708	15.414	0.0	355.031	11.314	0.0	45.648	11.25	0.0	1.922	0.0	0.0	1.879	0.0	0.0	2.067	0.0	0.0	2.038	0.0
41	4162	4163	NS	1	0.0	25.92	15.047	0.0	33.901	15.403	0.0	353.437	11.36	0.0	33.283	11.226	0.0	1.922	0.0	0.0	1.879	0.0	0.0	2.066	0.0	0.0	2.038	0.0
42	4162	4163	SN	1	0.0	25.865	9.211	0.0	26.764	9.181	0.0	188.095	3.34	0.0	77.359	3.68	0.0	1.875	0.0	0.0	1.942	0.0	0.0	2.05	0.0	0.0	2.091	0.0
43	4162	4163	SN	1	0.0	33.994	16.031	0.0	25.915	14.191	0.0	225.073	12.358	0.0	17.775	12.141	0.0	1.883	0.0	0.0	1.94	0.0	0.0	2.053	0.0	0.0	2.087	0.0
44	4162	4163	NS	1	0.0	26.797	8.944	0.0	25.81	8.851	0.0	350.845	3.295	0.0	69.445	2.838	0.0	1.919	0.0	0.0	1.867	0.0	0.0	2.065	0.0	0.0	2.038	0.0
45	4163	4164	NS	1	0.0	25.926	15.147	0.0	33.912	15.412	0.0	353.536	11.388	0.0	52.514	11.24	0.0	1.926	0.0	0.0	1.881	0.0	0.0	2.067	0.0	0.0	2.039	0.0
46	4163	4164	NS	1	0.0	25.926	15.133	0.0	33.708	15.394	0.0	355.412	11.32	0.0	52.514	11.299	0.0	1.924	0.0	0.0	1.881	0.0	0.0	2.066	0.0	0.0	2.038	0.0
47	4163	4164	SN	1	0.0	25.86	9.185	0.0	26.803	9.222	0.0	162.781	3.353	0.0	151.533	3.72	0.0	1.875	0.0	0.0	1.944	0.0	0.0	2.053	0.0	0.0	2.102	0.0
48	4163	4164	NS	1	0.0	26.792	8.939	0.0	25.81	8.866	0.0	353.536	3.31	0.0	47.699	2.845	0.0	1.907	0.0	0.0	1.87	0.0	0.0	2.065	0.0	0.0	2.038	0.0
49	4163	4164	NS	1	0.0	26.803	8.949	0.0	25.816	8.86	0.0	353.536	3.293	0.0	81.363	2.847	0.0	1.916	0.0	0.0	1.87	0.0	0.0	2.065	0.0	0.0	2.037	0.0
50	4163	4164	SN	1	0.0	31.369	16.019	0.0	26.4	14.695	0.0	342.358	12.193	0.0	90.485	12.886	0.0	1.88	0.0	0.0	1.963	0.0	0.0	2.056	0.0	0.0	2.089	0.0
51	4163	4164	SN	1	0.0	34.005	16.051	0.0	25.849	14.031	0.0	342.358	12.394	0.0	14.879	11.894	0.0	1.88	0.0	0.0	1.963	0.0	0.0	2.056	0.0	0.0	2.089	0.0
52	4163	4164	SN	1	0.0	25.86	9.205	0.0	26.803	9.007	0.0	162.781	3.412	0.0	13.297	3.448	0.0	1.875	0.0	0.0	1.944	0.0	0.0	2.053	0.0	0.0	2.102	0.0
53	4164	4165	SN	1	0.0	38.743	15.989	0.0	26.455	14.625	0.0	204.119	12.237	0.0	79.711	12.678	0.0	1.881	0.0	0.0	1.933	0.0	0.0	2.057	0.0	0.0	2.082	0.0
54	4164	4165	SN	1	0.0	38.743	16.02	0.0	25.75	13.854	0.0	204.119	12.451	0.0	14.891	11.632	0.0	1.881	0.0	0.0	1.933	0.0	0.0	2.057	0.0	0.0	2.082	0.0
55	4164	4165	SN	1	0.0	31.524	15.972	0.0	26.455	14.661	0.0	204.119	12.237	0.0	79.711	12.788	0.0	1.881	0.0	0.0	1.933	0.0	0.0	2.057	0.0	0.0	2.082	0.0
56	4164	4165	NS	1	0.0	25.926	15.148	0.0	38.544	15.41	0.0	351.744	11.463	0.0	53.33	11.297	0.0	1.926	0.0	0.0	1.879	0.0	0.0	2.066	0.0	0.0	2.041	0.0
57	4164	4165	NS	1	0.0	25.926	15.148	0.0	38.544	15.41	0.0	351.744	11.463	0.0	53.33	11.297	0.0	1.926	0.0	0.0	1.879	0.0	0.0	2.066	0.0	0.0	2.041	0.0
58	4164	4165	SN	1	0.0	25.854	9.2	0.0	26.775	8.954	0.0	166.967	3.37	0.0	13.313	3.409	0.0	1.875	0.0	0.0	1.942	0.0	0.0	2.055	0.0	0.0	2.093	0.0
59	4164	4165	SN	1	0.0	25.854	9.169	0.0	26.775	9.208	0.0	166.967	3.306	0.0	76.264	3.714	0.0	1.875	0.0	0.0	1.942	0.0	0.0	2.055	0.0	0.0	2.093	0.0
60	4164	4165	NS	1	0.0	26.797	8.979	0.0	25.816	8.888	0.0	348.959	3.295	0.0	66.053	2.85	0.0	1.91	0.0	0.0	1.868	0.0	0.0	2.067	0.0	0.0	2.039	0.0
61	4164	4165	NS	1	0.0	26.797	8.979	0.0	25.816	8.888	0.0	348.959	3.295	0.0	66.053	2.85	0.0	1.91	0.0	0.0	1.868	0.0	0.0	2.067	0.0	0.0	2.039	0.0
62	4164	4165	SN	1	0.0	25.854	9.173	0.0	26.775	9.138	0.0	166.967	3.306	0.0	76.264	3.675	0.0	1.875	0.0	0.0	1.942	0.0	0.0	2.055	0.0	0.0	2.093	0.0
63	4165	4166	SN	1	0.0	25.871	9.228	0.0	26.781	8.901	0.0	175.895	3.399	0.0	13.093	3.384	0.0	1.875	0.0	0.0	1.94	0.0	0.0	2.053	0.0	0.0	2.103	0.0
64	4165	4166	NS	1	0.0	26.786	8.961	0.0	25.816	8.9	0.0	346.918	3.313	0.0	69.688	2.844	0.0	1.919	0.0	0.0	1.869	0.0	0.0	2.063	0.0	0.0	2.038	0.0
65	4165	4166	SN	1	0.0	34.028	16.092	0.0	25.551	13.803	0.0	351.143	12.514	0.0	14.764	11.382	0.0	1.88	0.0	0.0	1.935	0.0	0.0	2.056	0.0	0.0	2.084	0.0
66	4165	4166	NS	1	0.0	25.915	15.054	0.0	33.504	15.395	0.0	351.909	11.414	0.0	36.774	11.343	0.0	1.929	0.0	0.0	1.883	0.0	0.0	2.066	0.0	0.0	2.039	0.0
67	4165	4166	SN	1	0.0	34.028	15.969	0.0	27.128	14.693	0.0	351.143	12.237	0.0	80.985	12.664	0.0	1.88	0.0	0.0	1.935	0.0	0.0	2.056	0.0	0.0	2.084	0.0
68	4165	4166	NS	1	0.0	25.921	15.027	0.0	38.164	15.399	0.0	352.042	11.413	0.0	54.383	11.383	0.0	1.925	0.0	0.0	1.879	0.0	0.0	2.067	0.0	0.0	2.039	0.0

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

69	4165	4166	SN	1	0.0	25.871	9.176	0.0	26.781	9.213	0.0	175.895	3.307	0.0	142.025	3.699	0.0	1.875	0.0	0.0	1.94	0.0	0.0	2.053	0.0	0.0	2.103	0.0
70	4165	4166	SN	1	0.0	31.248	15.952	0.0	27.128	14.73	0.0	351.143	12.237	0.0	80.985	12.774	0.0	1.88	0.0	0.0	1.935	0.0	0.0	2.056	0.0	0.0	2.084	0.0
71	4165	4166	SN	1	0.0	25.871	9.18	0.0	26.781	9.143	0.0	175.895	3.307	0.0	142.025	3.658	0.0	1.875	0.0	0.0	1.94	0.0	0.0	2.053	0.0	0.0	2.103	0.0
72	4165	4166	NS	1	0.0	26.808	8.972	0.0	25.805	8.885	0.0	353.934	3.314	0.0	68.011	2.838	0.0	1.91	0.0	0.0	1.869	0.0	0.0	2.065	0.0	0.0	2.038	0.0
73	4166	4167	NS	1	0.0	25.915	15.037	0.0	37.717	15.368	0.0	356.768	11.434	0.0	55.133	11.318	0.0	1.924	0.0	0.0	1.876	0.0	0.0	2.066	0.0	0.0	2.038	0.0
74	4166	4167	SN	1	0.0	34.088	15.947	0.0	27.206	14.719	0.0	351.314	12.248	0.0	86.373	12.649	0.0	1.881	0.0	0.0	1.933	0.0	0.0	2.057	0.0	0.0	2.09	0.0
75	4166	4167	SN	1	0.0	34.088	15.947	0.0	27.206	14.719	0.0	351.314	12.248	0.0	86.373	12.649	0.0	1.881	0.0	0.0	1.933	0.0	0.0	2.057	0.0	0.0	2.09	0.0
76	4166	4167	NS	1	0.0	26.797	8.967	0.0	25.805	8.847	0.0	351.744	3.3	0.0	69.517	2.859	0.0	1.915	0.0	0.0	1.867	0.0	0.0	2.064	0.0	0.0	2.038	0.0
77	4166	4167	NS	1	0.0	25.915	15.123	0.0	34.011	15.405	0.0	352.163	11.408	0.0	37.083	11.272	0.0	1.925	0.0	0.0	1.876	0.0	0.0	2.066	0.0	0.0	2.038	0.0
78	4166	4167	SN	1	0.0	25.882	9.188	0.0	26.775	9.113	0.0	337.995	3.28	0.0	54.703	3.677	0.0	1.874	0.0	0.0	1.934	0.0	0.0	2.052	0.0	0.0	2.083	0.0
79	4166	4167	SN	1	0.0	25.882	9.188	0.0	26.775	9.113	0.0	337.995	3.28	0.0	54.703	3.677	0.0	1.874	0.0	0.0	1.934	0.0	0.0	2.052	0.0	0.0	2.083	0.0
80	4166	4167	NS	1	0.0	26.797	8.947	0.0	25.821	8.866	0.0	351.744	3.301	0.0	70.614	2.856	0.0	1.915	0.0	0.0	1.866	0.0	0.0	2.063	0.0	0.0	2.038	0.0
81	4167	4168	NS	1	0.0	25.926	15.187	0.0	34.022	15.375	0.0	356.548	11.344	0.0	37.254	11.315	0.0	1.92	0.0	0.0	1.877	0.0	0.0	2.067	0.0	0.0	2.039	0.0
82	4167	4168	NS	1	0.0	25.926	15.187	0.0	34.022	15.375	0.0	356.548	11.344	0.0	37.254	11.315	0.0	1.92	0.0	0.0	1.877	0.0	0.0	2.067	0.0	0.0	2.039	0.0
83	4167	4168	SN	1	0.0	33.972	15.957	0.0	27.2	14.769	0.0	165.367	12.271	0.0	97.607	12.684	0.0	1.883	0.0	0.0	1.939	0.0	0.0	2.057	0.0	0.0	2.11	0.0
84	4167	4168	SN	1	0.0	25.86	9.189	0.0	26.775	9.137	0.0	344.067	3.323	0.0	61.321	3.656	0.0	1.877	0.0	0.0	1.936	0.0	0.0	2.052	0.0	0.0	2.09	0.0
85	4167	4168	NS	1	0.0	26.797	8.978	0.0	25.805	8.855	0.0	351.882	3.294	0.0	71.287	2.849	0.0	1.911	0.0	0.0	1.866	0.0	0.0	2.063	0.0	0.0	2.038	0.0
86	4167	4168	NS	1	0.0	26.797	8.978	0.0	25.805	8.855	0.0	351.882	3.294	0.0	71.287	2.849	0.0	1.911	0.0	0.0	1.866	0.0	0.0	2.063	0.0	0.0	2.038	0.0
87	4168	4169	SN	1	0.0	25.871	9.203	0.0	26.775	9.128	0.0	180.886	3.323	0.0	56.137	3.655	0.0	1.886	0.0	0.0	1.95	0.0	0.0	2.066	0.0	0.0	2.103	0.0
88	4168	4169	NS	1	0.0	26.814	8.985	0.0	25.805	8.852	0.0	319.691	3.281	0.0	67.305	2.834	0.0	1.907	0.0	0.0	1.867	0.0	0.0	2.064	0.0	0.0	2.037	0.0
89	4168	4169	NS	1	0.0	25.915	15.152	0.0	33.537	15.342	0.0	140.773	11.353	0.0	34.347	11.213	0.0	1.924	0.0	0.0	1.881	0.0	0.0	2.066	0.0	0.0	2.038	0.0
90	4168	4169	SN	1	0.0	33.956	15.964	0.0	27.244	14.75	0.0	161.771	12.239	0.0	79.877	12.733	0.0	1.889	0.0	0.0	1.935	0.0	0.0	2.068	0.0	0.0	2.101	0.0
91	4169	4170	NS	1	0.0	25.921	15.221	0.0	33.548	15.352	0.0	137.63	11.374	0.0	34.722	11.255	0.0	1.925	0.0	0.0	1.88	0.0	0.0	2.067	0.0	0.0	2.038	0.0
92	4169	4170	NS	1	0.0	26.819	9.011	0.0	25.816	8.847	0.0	319.542	3.346	0.0	12.795	2.765	0.0	1.92	0.0	0.0	1.866	0.0	0.0	2.063	0.0	0.0	2.037	0.0
93	4169	4170	NS	1	0.0	26.819	8.941	0.0	25.816	8.848	0.0	319.542	3.295	0.0	68.347	2.831	0.0	1.92	0.0	0.0	1.866	0.0	0.0	2.063	0.0	0.0	2.037	0.0
94	4169	4170	SN	1	0.0	34.028	16.044	0.0	27.172	14.721	0.0	192.126	12.217	0.0	80.709	12.789	0.0	1.88	0.0	0.0	1.945	0.0	0.0	2.054	0.0	0.0	2.085	0.0
95	4169	4170	SN	1	0.0	34.033	16.044	0.0	27.172	14.721	0.0	192.126	12.224	0.0	80.726	12.789	0.0	1.88	0.0	0.0	1.947	0.0	0.0	2.054	0.0	0.0	2.085	0.0
96	4169	4170	SN	1	0.0	25.871	9.198	0.0	26.775	9.139	0.0	199.378	3.353	0.0	88.133	3.671	0.0	1.874	0.0	0.0	1.941	0.0	0.0	2.051	0.0	0.0	2.092	0.0
97	4169	4170	NS	1	0.0	25.921	15.285	0.0	31.066	15.128	0.0	137.63	11.522	0.0	18.238	11.048	0.0	1.925	0.0	0.0	1.88	0.0	0.0	2.067	0.0	0.0	2.038	0.0
98	4169	4170	SN	1	0.0	25.871	9.198	0.0	26.775	9.137	0.0	199.378	3.353	0.0	88.122	3.675	0.0	1.874	0.0	0.0	1.941	0.0	0.0	2.051	0.0	0.0	2.092	0.0
99	4170	4171	NS	1	0.0	25.921	15.184	0.0	33.564	15.331	0.0	327.837	11.466	0.0	36.272	11.276	0.0	1.927	0.0	0.0	1.876	0.0	0.0	2.068	0.0	0.0	2.038	0.0
100	4170	4171	SN	1	0.0	34.099	15.985	0.0	26.411	14.69	0.0	172.278	12.212	0.0	81.84	12.766	0.0	1.88	0.0	0.0	1.94	0.0	0.0	2.051	0.0	0.0	2.083	0.0
101	4170	4171	SN	1	0.0	34.094	15.985	0.0	26.411	14.701	0.0	172.261	12.212	0.0	81.857	12.773	0.0	1.88	0.0	0.0	1.939	0.0	0.0	2.051	0.0	0.0	2.083	0.0
102	4170	4171	SN	1	0.0	25.854	9.209	0.0	26.775	9.144	0.0	203.983	3.333	0.0	127.956	3.684	0.0	1.876	0.0	0.0	1.939	0.0	0.0	2.05	0.0	0.0	2.101	0.0
103	4170	4171	NS	1	0.0	26.825	8.966	0.0	25.816	8.855	0.0	322.674	3.298	0.0	64.338	2.857	0.0	1.913	0.0	0.0	1.865	0.0	0.0	2.064	0.0	0.0	2.038	0.0
104	4170	4171	NS	1	0.0	25.921	15.477	0.0	31.066	14.729	0.0	327.831	11.986	0.0	13.914	10.851	0.0	1.927	0.0	0.0	1.876	0.0	0.0	2.068	0.0	0.0	2.038	0.0
105	4170	4171	NS	1	0.0	26.825	8.964	0.0	25.816	8.859	0.0	322.685	3.298	0.0	64.344	2.85	0.0	1.913	0.0	0.0	1.866	0.0	0.0	2.064	0.0	0.0	2.038	0.0

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

106	4170	4171	NS	1	0.0	25.921	15.184	0.0	33.57	15.351	0.0	327.831	11.473	0.0	36.267	11.276	0.0	1.927	0.0	0.0	1.876	0.0	0.0	2.068	0.0	0.0	2.038	0.0
107	4170	4171	SN	1	0.0	25.854	9.207	0.0	26.786	9.144	0.0	203.983	3.335	0.0	127.978	3.687	0.0	1.876	0.0	0.0	1.939	0.0	0.0	2.05	0.0	0.0	2.1	0.0
108	4170	4171	NS	1	0.0	26.825	9.198	0.0	25.816	8.884	0.0	322.674	3.452	0.0	12.8	2.859	0.0	1.913	0.0	0.0	1.865	0.0	0.0	2.064	0.0	0.0	2.038	0.0
109	4171	4172	NS	1	0.0	25.926	15.093	0.0	35.561	15.392	0.0	335.276	11.403	0.0	36.851	11.312	0.0	1.928	0.0	0.0	1.881	0.0	0.0	2.068	0.0	0.0	2.039	0.0
110	4171	4172	NS	1	0.0	26.786	8.964	0.0	25.816	8.864	0.0	330.407	3.295	0.0	75.704	2.836	0.0	1.907	0.0	0.0	1.867	0.0	0.0	2.063	0.0	0.0	2.038	0.0
111	4171	4172	NS	1	0.0	25.926	15.614	0.0	31.066	14.566	0.0	335.271	12.473	0.0	13.947	10.855	0.0	1.928	0.0	0.0	1.881	0.0	0.0	2.067	0.0	0.0	2.039	0.0
112	4171	4172	SN	1	0.0	34.16	16.005	0.0	25.965	14.783	0.0	168.114	12.233	0.0	82.24	12.774	0.0	1.878	0.0	0.0	1.935	0.0	0.0	2.05	0.0	0.0	2.084	0.0
113	4171	4172	SN	1	0.0	34.568	16.036	0.0	25.965	14.753	0.0	170.584	12.244	0.0	71.43	12.702	0.0	1.879	0.0	0.0	1.936	0.0	0.0	2.05	0.0	0.0	2.085	0.0
114	4171	4172	NS	1	0.0	26.786	9.471	0.0	25.816	9.075	0.0	330.401	3.613	0.0	12.8	2.97	0.0	1.907	0.0	0.0	1.867	0.0	0.0	2.063	0.0	0.0	2.038	0.0
115	4171	4172	SN	1	0.0	25.854	9.208	0.0	26.775	9.127	0.0	171.252	3.323	0.0	86.842	3.694	0.0	1.875	0.0	0.0	1.942	0.0	0.0	2.047	0.0	0.0	2.09	0.0
116	4171	4172	SN	1	0.0	25.854	9.214	0.0	26.781	9.125	0.0	167.154	3.319	0.0	130.438	3.714	0.0	1.875	0.0	0.0	1.94	0.0	0.0	2.048	0.0	0.0	2.11	0.0
117	4171	4172	NS	1	0.0	25.926	15.073	0.0	35.561	15.402	0.0	335.271	11.403	0.0	36.851	11.305	0.0	1.928	0.0	0.0	1.881	0.0	0.0	2.067	0.0	0.0	2.039	0.0
118	4171	4172	NS	1	0.0	26.786	8.964	0.0	25.816	8.866	0.0	330.401	3.291	0.0	75.71	2.838	0.0	1.907	0.0	0.0	1.867	0.0	0.0	2.063	0.0	0.0	2.038	0.0
119	4172	4173	SN	1	0.0	34.518	16.076	0.0	25.617	13.833	0.0	187.587	12.506	0.0	14.857	11.414	0.0	1.881	0.0	0.0	1.952	0.0	0.0	2.049	0.0	0.0	2.097	0.0
120	4172	4173	NS	1	0.0	26.781	8.975	0.0	25.81	8.864	0.0	324.461	3.301	0.0	68.529	2.85	0.0	1.907	0.0	0.0	1.867	0.0	0.0	2.064	0.0	0.0	2.037	0.0
121	4172	4173	NS	1	0.0	25.932	15.901	0.0	31.06	14.398	0.0	351.005	13.274	0.0	13.964	11.155	0.0	1.918	0.0	0.0	1.88	0.0	0.0	2.068	0.0	0.0	2.038	0.0
122	4172	4173	SN	1	0.0	31.805	15.959	0.0	27.167	14.751	0.0	187.587	12.265	0.0	72.881	12.755	0.0	1.881	0.0	0.0	1.952	0.0	0.0	2.049	0.0	0.0	2.097	0.0
123	4172	4173	NS	1	0.0	25.921	15.007	0.0	33.625	15.347	0.0	350.834	11.393	0.0	44.771	11.301	0.0	1.927	0.0	0.0	1.88	0.0	0.0	2.067	0.0	0.0	2.037	0.0
124	4172	4173	NS	1	0.0	25.921	15.886	0.0	31.06	14.378	0.0	350.834	13.259	0.0	13.964	11.15	0.0	1.927	0.0	0.0	1.88	0.0	0.0	2.067	0.0	0.0	2.037	0.0
125	4172	4173	SN	1	0.0	25.865	9.192	0.0	26.77	9.236	0.0	185.778	3.325	0.0	71.099	3.679	0.0	1.875	0.0	0.0	1.937	0.0	0.0	2.047	0.0	0.0	2.098	0.0
126	4172	4173	SN	1	0.0	25.865	9.226	0.0	26.77	8.935	0.0	185.778	3.407	0.0	13.093	3.364	0.0	1.875	0.0	0.0	1.937	0.0	0.0	2.047	0.0	0.0	2.098	0.0
127	4172	4173	NS	1	0.0	26.781	9.853	0.0	25.81	9.35	0.0	324.461	3.854	0.0	12.806	3.168	0.0	1.907	0.0	0.0	1.867	0.0	0.0	2.064	0.0	0.0	2.037	0.0
128	4172	4173	NS	1	0.0	26.797	9.85	0.0	25.81	9.374	0.0	353.079	3.849	0.0	12.806	3.169	0.0	1.914	0.0	0.0	1.867	0.0	0.0	2.064	0.0	0.0	2.038	0.0
129	4173	4174	NS	1	0.0	26.797	8.974	0.0	25.81	8.868	0.0	350.68	3.287	0.0	69.495	2.834	0.0	1.915	0.0	0.0	1.868	0.0	0.0	2.065	0.0	0.0	2.037	0.0
130	4173	4174	SN	1	0.0	25.882	8.932	0.0	26.764	8.676	0.0	185.48	3.106	0.0	13.997	3.136	0.0	1.875	0.0	0.0	1.948	0.0	0.0	2.052	0.0	0.0	2.1	0.0
131	4173	4174	SN	1	0.0	31.54	15.785	0.0	27.134	14.283	0.0	200.796	11.772	0.0	70.719	12.238	0.0	1.882	0.0	0.0	1.935	0.0	0.0	2.058	0.0	0.0	2.12	0.0
132	4173	4174	SN	1	0.0	33.868	15.724	0.0	25.954	13.69	0.0	200.796	11.678	0.0	18.051	11.232	0.0	1.882	0.0	0.0	1.935	0.0	0.0	2.058	0.0	0.0	2.12	0.0
133	4173	4174	NS	1	0.0	26.797	8.978	0.0	25.81	8.873	0.0	350.669	3.283	0.0	69.45	2.841	0.0	1.915	0.0	0.0	1.868	0.0	0.0	2.065	0.0	0.0	2.037	0.0
134	4173	4174	SN	1	0.0	33.868	16.034	0.0	27.134	14.667	0.0	200.702	12.199	0.0	74.894	12.76	0.0	1.881	0.0	0.0	1.935	0.0	0.0	2.058	0.0	0.0	2.12	0.0
135	4173	4174	NS	1	0.0	25.921	15.136	0.0	33.63	15.347	0.0	351.148	11.35	0.0	45.262	11.122	0.0	1.929	0.0	0.0	1.881	0.0	0.0	2.068	0.0	0.0	2.038	0.0
136	4173	4174	NS	1	0.0	25.921	15.136	0.0	33.658	15.347	0.0	351.154	11.371	0.0	45.284	11.136	0.0	1.929	0.0	0.0	1.882	0.0	0.0	2.067	0.0	0.0	2.038	0.0
137	4173	4174	SN	1	0.0	25.882	8.975	0.0	26.764	8.949	0.0	185.48	3.122	0.0	72.61	3.443	0.0	1.875	0.0	0.0	1.948	0.0	0.0	2.052	0.0	0.0	2.1	0.0
138	4173	4174	SN	1	0.0	25.882	9.182	0.0	26.764	9.163	0.0	185.254	3.331	0.0	72.61	3.657	0.0	1.875	0.0	0.0	1.948	0.0	0.0	2.052	0.0	0.0	2.1	0.0
139	4174	4175	SN	1	0.0	34.039	16.022	0.0	25.954	14.485	0.0	204.557	12.361	0.0	22.038	12.471	0.0	1.881	0.0	0.0	1.93	0.0	0.0	2.057	0.0	0.0	2.115	0.0
140	4174	4175	SN	1	0.0	25.871	9.197	0.0	26.775	9.198	0.0	182.58	3.338	0.0	81.04	3.733	0.0	1.875	0.0	0.0	1.945	0.0	0.0	2.052	0.0	0.0	2.097	0.0
141	4174	4175	NS	1	0.0	26.775	8.979	0.0	25.816	8.815	0.0	356.515	3.255	0.0	63.941	2.826	0.0	1.91	0.0	0.0	1.867	0.0	0.0	2.066	0.0	0.0	2.037	0.0
142	4174	4175	NS	1	0.0	26.792	8.955	0.0	25.81	8.812	0.0	351.154	3.248	0.0	69.561	2.821	0.0	1.908	0.0	0.0	1.867	0.0	0.0	2.066	0.0	0.0	2.037	0.0

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

143	4174	4175	NS	1	0.0	26.792	8.955	0.0	25.81	8.812	0.0	351.154	3.248	0.0	69.561	2.821	0.0	1.908	0.0	0.0	1.867	0.0	0.0	2.066	0.0	0.0	2.037	0.0
144	4174	4175	SN	1	0.0	25.871	9.209	0.0	26.775	9.088	0.0	182.58	3.363	0.0	15.095	3.592	0.0	1.875	0.0	0.0	1.945	0.0	0.0	2.052	0.0	0.0	2.097	0.0
145	4174	4175	SN	1	0.0	25.871	9.209	0.0	26.775	9.081	0.0	182.58	3.363	0.0	15.095	3.58	0.0	1.875	0.0	0.0	1.945	0.0	0.0	2.052	0.0	0.0	2.097	0.0
146	4174	4175	SN	1	0.0	25.871	9.209	0.0	26.775	9.081	0.0	182.58	3.363	0.0	15.095	3.58	0.0	1.875	0.0	0.0	1.945	0.0	0.0	2.052	0.0	0.0	2.097	0.0
147	4174	4175	SN	1	0.0	31.402	16.006	0.0	27.134	14.715	0.0	204.557	12.277	0.0	76.002	12.864	0.0	1.881	0.0	0.0	1.93	0.0	0.0	2.057	0.0	0.0	2.115	0.0
148	4174	4175	NS	1	0.0	25.915	15.172	0.0	33.697	15.404	0.0	355.103	11.321	0.0	51.924	11.172	0.0	1.918	0.0	0.0	1.88	0.0	0.0	2.065	0.0	0.0	2.037	0.0
149	4174	4175	NS	1	0.0	25.915	15.172	0.0	33.697	15.404	0.0	355.103	11.321	0.0	51.924	11.172	0.0	1.918	0.0	0.0	1.88	0.0	0.0	2.065	0.0	0.0	2.037	0.0
150	4174	4175	NS	1	0.0	25.915	15.159	0.0	33.901	15.415	0.0	356.515	11.377	0.0	51.924	11.17	0.0	1.92	0.0	0.0	1.879	0.0	0.0	2.065	0.0	0.0	2.037	0.0
151	4174	4175	SN	1	0.0	34.039	16.022	0.0	25.954	14.485	0.0	204.557	12.361	0.0	22.038	12.471	0.0	1.881	0.0	0.0	1.93	0.0	0.0	2.057	0.0	0.0	2.115	0.0
152	4174	4175	SN	1	0.0	34.039	16.022	0.0	25.954	14.485	0.0	204.557	12.361	0.0	22.038	12.471	0.0	1.881	0.0	0.0	1.93	0.0	0.0	2.057	0.0	0.0	2.115	0.0
153	4175	4176	NS	1	0.0	25.932	15.142	0.0	33.708	15.471	0.0	355.389	11.286	0.0	54.935	11.136	0.0	1.928	0.0	0.0	1.879	0.0	0.0	2.065	0.0	0.0	2.037	0.0
154	4175	4176	SN	1	0.0	25.876	9.23	0.0	26.786	9.127	0.0	201.275	3.41	0.0	14.185	3.59	0.0	1.876	0.0	0.0	1.947	0.0	0.0	2.056	0.0	0.0	2.1	0.0
155	4175	4176	SN	1	0.0	33.912	15.984	0.0	25.948	14.401	0.0	183.484	12.372	0.0	21.062	12.475	0.0	1.882	0.0	0.0	1.94	0.0	0.0	2.061	0.0	0.0	2.118	0.0
156	4175	4176	NS	1	0.0	26.797	8.933	0.0	25.81	8.798	0.0	351.452	3.231	0.0	81.021	2.799	0.0	1.911	0.0	0.0	1.866	0.0	0.0	2.066	0.0	0.0	2.037	0.0
157	4178	4179	SN	1	0.0	34.116	16.005	0.0	25.816	13.868	0.0	331.675	12.598	0.0	14.913	11.808	0.0	1.884	0.0	0.0	1.94	0.0	0.0	2.052	0.0	0.0	2.083	0.0
158	4178	4179	SN	1	0.0	25.865	9.236	0.0	26.764	9.174	0.0	225.464	3.409	0.0	79.149	3.712	0.0	1.876	0.0	0.0	1.94	0.0	0.0	2.052	0.0	0.0	2.103	0.0
159	4178	4179	NS	1	0.0	25.926	15.145	0.0	33.945	15.303	0.0	352.196	11.295	0.0	36.62	11.228	0.0	1.927	0.0	0.0	1.878	0.0	0.0	2.063	0.0	0.0	2.037	0.0
160	4178	4179	SN	1	0.0	34.116	16.008	0.0	26.45	14.609	0.0	331.675	12.374	0.0	89.663	12.785	0.0	1.884	0.0	0.0	1.94	0.0	0.0	2.052	0.0	0.0	2.083	0.0
161	4178	4179	SN	1	0.0	25.865	9.251	0.0	26.764	9.009	0.0	225.464	3.475	0.0	14.19	3.466	0.0	1.876	0.0	0.0	1.94	0.0	0.0	2.052	0.0	0.0	2.103	0.0
162	4178	4179	NS	1	0.0	26.819	8.938	0.0	25.81	8.841	0.0	334.989	3.221	0.0	64.707	2.778	0.0	1.908	0.0	0.0	1.866	0.0	0.0	2.064	0.0	0.0	2.036	0.0
163	4179	4180	SN	1	0.0	34.005	15.987	0.0	26.5	14.655	0.0	187.822	12.351	0.0	83.423	12.84	0.0	1.883	0.0	0.0	1.939	0.0	0.0	2.056	0.0	0.0	2.083	0.0
164	4179	4180	NS	1	0.0	26.786	8.969	0.0	25.805	8.819	0.0	338.326	3.221	0.0	71.359	2.789	0.0	1.919	0.0	0.0	1.867	0.0	0.0	2.064	0.0	0.0	2.037	0.0
165	4179	4180	NS	1	0.0	25.92	15.185	0.0	33.967	15.383	0.0	355.428	11.317	0.0	37.127	11.229	0.0	1.924	0.0	0.0	1.879	0.0	0.0	2.065	0.0	0.0	2.037	0.0
166	4179	4180	SN	1	0.0	34.005	16.058	0.0	25.672	13.774	0.0	187.822	12.6	0.0	14.891	11.646	0.0	1.883	0.0	0.0	1.939	0.0	0.0	2.056	0.0	0.0	2.083	0.0
167	4179	4180	SN	1	0.0	25.876	9.251	0.0	26.775	9.168	0.0	275.041	3.386	0.0	91.497	3.719	0.0	1.876	0.0	0.0	1.943	0.0	0.0	2.051	0.0	0.0	2.112	0.0
168	4179	4180	SN	1	0.0	25.876	9.275	0.0	26.775	8.962	0.0	275.041	3.461	0.0	13.093	3.437	0.0	1.876	0.0	0.0	1.943	0.0	0.0	2.051	0.0	0.0	2.112	0.0
169	4180	4181	SN	1	0.0	33.994	16.206	0.0	24.178	13.638	0.0	347.299	12.569	0.0	14.874	11.372	0.0	1.883	0.0	0.0	1.934	0.0	0.0	2.056	0.0	0.0	2.083	0.0
170	4180	4181	SN	1	0.0	25.865	9.294	0.0	26.764	8.868	0.0	232.97	3.485	0.0	13.093	3.446	0.0	1.877	0.0	0.0	1.942	0.0	0.0	2.051	0.0	0.0	2.082	0.0
171	4180	4181	NS	1	0.0	26.797	8.96	0.0	25.805	8.846	0.0	340.157	3.222	0.0	72.754	2.791	0.0	1.912	0.0	0.0	1.866	0.0	0.0	2.065	0.0	0.0	2.037	0.0
172	4180	4181	NS	1	0.0	25.915	15.165	0.0	34.011	15.403	0.0	355.439	11.282	0.0	52.161	11.157	0.0	1.92	0.0	0.0	1.877	0.0	0.0	2.066	0.0	0.0	2.038	0.0

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