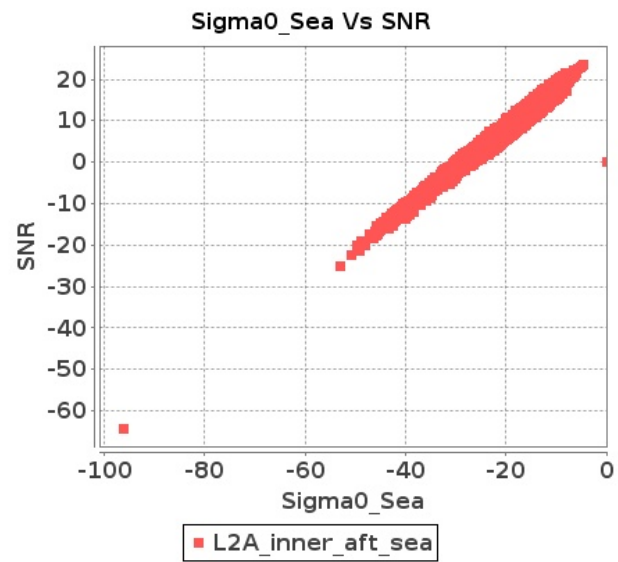


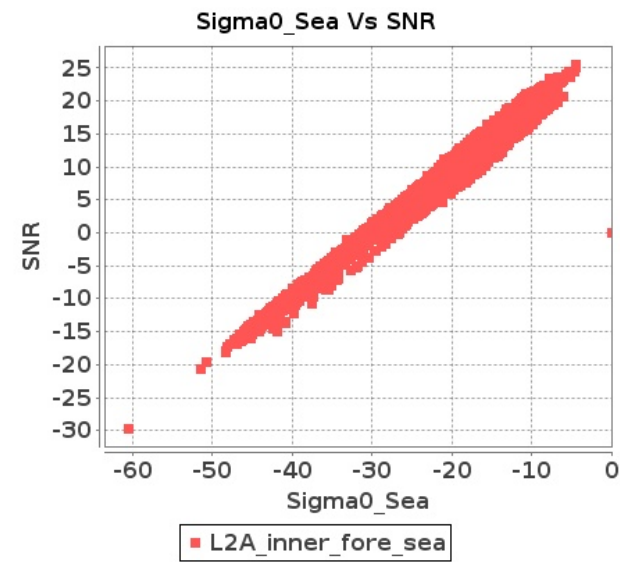
SCATSAT-1 Scatterometer Level-2A Data Quality Cycle wise Report

Report between 03-AUG-2017 To 04-AUG-2017

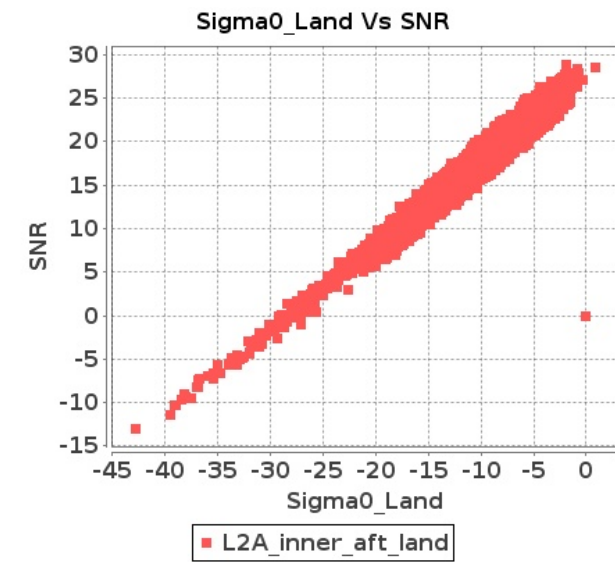
Inner Sea Aft Sigma0VsSNR



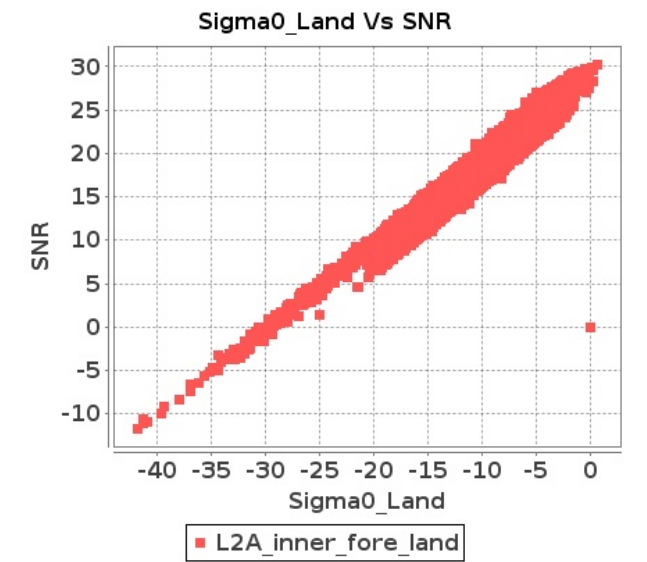
Inner Sea Fore Sigma0VsSNR



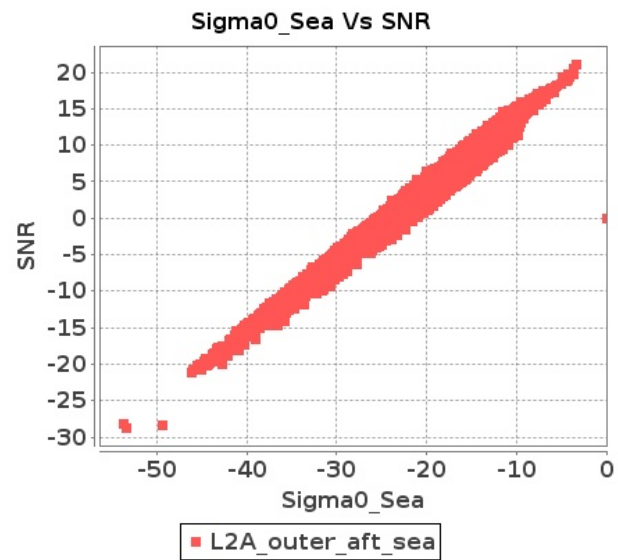
Inner Land Aft Sigma0VsSNR



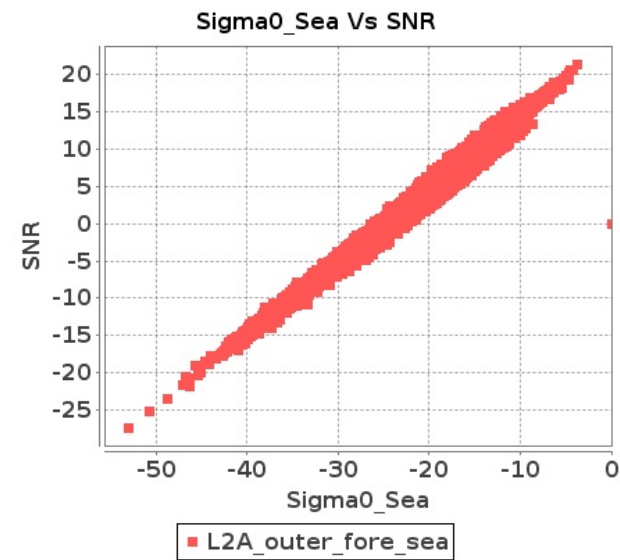
Inner Land Fore Sigma0VsSNR



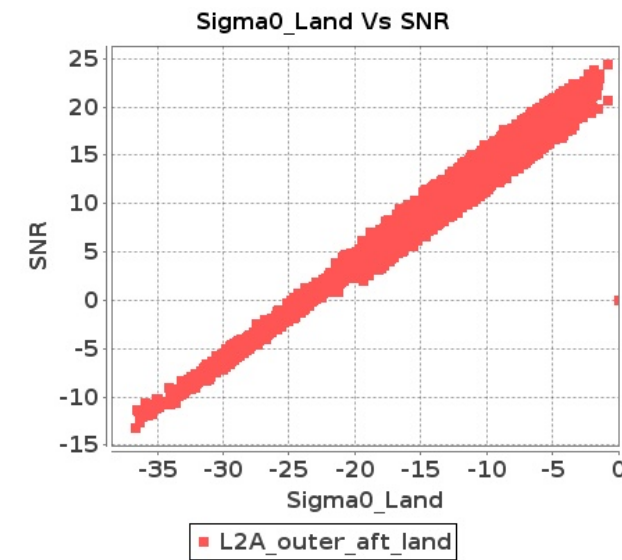
Outer Sea Aft Sigma0VsSNR



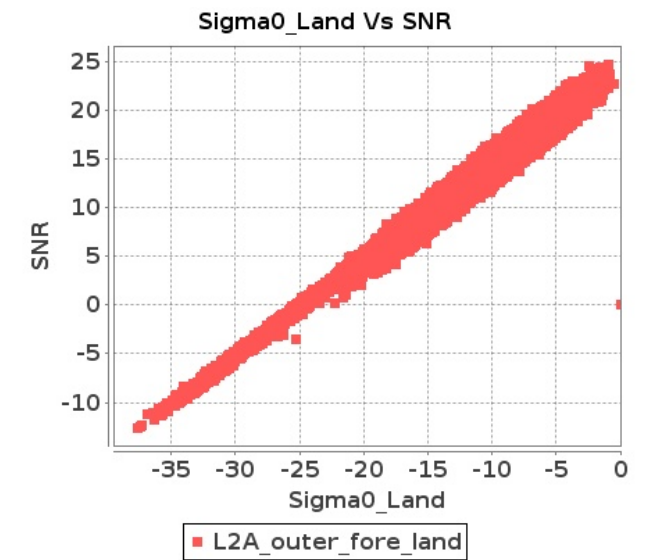
Outer Sea Fore Sigma0VsSNR



Outer Land Aft Sigma0VsSNR



Outer Land Fore Sigma0VsSNR



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

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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	4506	4507	SN	1	0.0	49.224	6.856	0.0	53.226	6.21	0.0	45.063	4.72	0.0	45.985	4.485	0.0	49.325	6.191	0.0	56.164	5.353	0.0	45.113	4.385	0.0	45.422	3.993
2	4506	4507	SN	1	0.0	49.346	2.218	0.0	47.911	1.738	0.0	47.618	1.507	0.0	41.238	1.35	0.0	44.789	2.022	0.0	47.187	1.513	0.0	44.804	1.383	0.0	43.43	1.165
3	4506	4507	SN	1	0.0	49.224	6.566	0.0	53.226	5.939	0.0	45.063	4.821	0.0	45.985	4.385	0.0	49.325	5.913	0.0	56.164	5.121	0.0	45.113	4.445	0.0	45.422	3.915
4	4506	4507	SN	1	0.0	49.346	2.309	0.0	47.911	1.804	0.0	47.618	1.486	0.0	41.238	1.358	0.0	44.789	2.113	0.0	47.187	1.569	0.0	44.804	1.369	0.0	43.43	1.17
5	4506	4507	SN	1	0.0	49.224	6.567	0.0	53.226	6.004	0.0	45.063	4.821	0.0	45.985	4.435	0.0	49.325	5.914	0.0	56.164	5.177	0.0	45.113	4.445	0.0	45.422	3.96
6	4506	4507	SN	1	0.0	49.346	2.218	0.0	47.911	1.719	0.0	47.618	1.507	0.0	41.238	1.333	0.0	44.789	2.022	0.0	47.187	1.496	0.0	44.804	1.383	0.0	43.43	1.151
7	4507	4508	NS	1	0.0	47.665	4.691	0.0	53.262	3.38	0.0	42.68	2.9	0.0	39.368	2.423	0.0	47.362	3.986	0.0	52.79	2.948	0.0	41.382	2.409	0.0	37.751	2.138
8	4507	4508	SN	1	0.0	46.818	6.114	0.0	53.033	5.991	0.0	41.405	4.247	0.0	50.146	4.478	0.0	47.835	5.853	0.0	52.413	5.809	0.0	42.209	4.048	0.0	50.079	4.214
9	4507	4508	SN	1	0.0	44.199	1.923	0.0	52.975	2.047	0.0	44.583	1.436	0.0	40.154	1.384	0.0	41.964	1.772	0.0	56.284	1.903	0.0	44.909	1.224	0.0	41.401	1.262
10	4507	4508	SN	1	0.0	46.818	6.204	0.0	53.033	6.081	0.0	41.405	4.201	0.0	50.146	4.533	0.0	47.835	5.938	0.0	52.413	5.897	0.0	41.277	3.985	0.0	50.079	4.265
11	4507	4508	SN	1	0.0	45.881	1.94	0.0	52.975	2.051	0.0	44.583	1.429	0.0	40.154	1.384	0.0	41.964	1.794	0.0	56.284	1.913	0.0	44.909	1.204	0.0	41.401	1.262
12	4507	4508	SN	1	0.0	46.818	6.115	0.0	53.033	6.056	0.0	41.405	4.261	0.0	50.146	4.522	0.0	47.835	5.854	0.0	52.413	5.872	0.0	42.209	4.063	0.0	50.079	4.255
13	4507	4508	SN	1	0.0	44.199	1.923	0.0	52.975	2.024	0.0	44.583	1.434	0.0	40.154	1.369	0.0	41.964	1.772	0.0	56.284	1.882	0.0	44.909	1.217	0.0	41.401	1.248
14	4507	4508	NS	1	0.0	52.861	1.372	0.0	46.367	0.974	0.0	42.357	0.822	0.0	48.543	0.669	0.0	48.569	1.13	0.0	46.569	0.872	0.0	43.121	0.683	0.0	47.432	0.548
15	4508	4509	NS	1	0.0	43.554	0.989	0.0	42.863	0.876	0.0	35.76	0.628	0.0	38.407	0.781	0.0	42.955	0.749	0.0	39.748	0.654	0.0	35.698	0.505	0.0	40.981	0.58
16	4508	4509	SN	1	0.0	43.823	9.031	0.0	49.906	8.079	0.0	44.643	6.294	0.0	45.239	7.051	0.0	42.727	9.312	0.0	50.415	7.803	0.0	42.872	6.507	0.0	46.094	6.914
17	4508	4509	NS	1	0.0	42.815	3.532	0.0	44.524	2.866	0.0	47.737	2.194	0.0	44.04	2.515	0.0	41.633	2.878	0.0	46.141	2.353	0.0	46.597	1.916	0.0	42.181	2.081
18	4508	4509	NS	1	0.0	40.298	3.563	0.0	49.937	2.896	0.0	39.783	2.208	0.0	44.04	2.501	0.0	38.903	2.919	0.0	51.148	2.363	0.0	40.827	1.93	0.0	42.181	2.081
19	4508	4509	SN	1	0.0	50.39	2.937	0.0	43.115	2.724	0.0	40.186	2.111	0.0	42.898	2.352	0.0	53.912	2.933	0.0	41.44	2.666	0.0	40.507	2.175	0.0	43.93	2.297
20	4508	4509	NS	1	0.0	39.548	0.996	0.0	43.413	0.876	0.0	34.144	0.615	0.0	38.058	0.763	0.0	36.649	0.745	0.0	43.715	0.659	0.0	34.384	0.5	0.0	40.631	0.558
21	4508	4509	SN	1	0.0	44.967	9.11	0.0	49.875	7.981	0.0	44.125	6.266	0.0	45.05	6.908	0.0	43.869	9.311	0.0	50.385	7.769	0.0	43.073	6.578	0.0	45.909	6.872
22	4508	4509	SN	1	0.0	52.508	2.958	0.0	43.539	2.76	0.0	38.437	2.125	0.0	38.223	2.378	0.0	56.028	2.983	0.0	41.534	2.669	0.0	39.295	2.159	0.0	39.337	2.355
23	4508	4509	SN	1	0.0	52.508	2.915	0.0	43.539	2.757	0.0	38.437	2.095	0.0	38.223	2.383	0.0	56.028	2.946	0.0	41.534	2.663	0.0	39.295	2.134	0.0	39.337	2.362
24	4508	4509	SN	1	0.0	43.823	9.145	0.0	49.906	8.082	0.0	44.643	6.383	0.0	45.239	7.041	0.0	42.727	9.42	0.0	50.415	7.806	0.0	42.872	6.584	0.0	46.094	6.889
25	4509	4510	SN	1	0.0	48.944	9.654	0.0	48.29	8.465	0.0	44.113	7.244	0.0	46.563	7.399	0.0	47.174	9.292	0.0	49.351	8.303	0.0	41.516	7.308	0.0	44.019	7.356
26	4509	4510	NS	1	0.0	47.446	1.48	0.0	45.912	1.218	0.0	38.913	1.224	0.0	43.602	1.014	0.0	46.626	1.288	0.0	45.147	1.03	0.0	36.502	1.083	0.0	39.604	0.909
27	4509	4510	NS	1	0.0	42.34	1.446	0.0	46.353	1.22	0.0	36.599	1.215	0.0	43.582	1.016	0.0	42.762	1.27	0.0	43.078	1.021	0.0	35.313	1.087	0.0	39.609	0.896
28	4509	4510	SN	1	0.0	39.493	3.223	0.0	47.578	2.941	0.0	44.953	2.489	0.0	40.482	2.586	0.0	39.301	3.254	0.0	47.296	2.869	0.0	41.261	2.449	0.0	38.804	2.478
29	4509	4510	SN	1	0.0	45.805	9.473	0.0	50.149	8.404	0.0	44.663	7.187	0.0	41.571	7.364	0.0	45.129	9.161	0.0	48.66	8.384	0.0	42.068	7.272	0.0	41.382	7.385
30	4509	4510	SN	1	0.0	39.557	3.252	0.0	44.965	2.977	0.0	44.405	2.47	0.0	42.355	2.499	0.0	39.073	3.286	0.0	44.233	2.907	0.0	40.712	2.433	0.0	39.115	2.401
31	4509	4510	NS	1	0.0	48.916	3.865	0.0	52.293	3.247	0.0	43.316	3.961	0.0	46.69	3.677	0.0	44.993	3.372	0.0	50.401	2.905	0.0	41.541	3.69	0.0	49.698	3.271

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

32	4509	4510	NS	1	0.0	48.63	3.845	0.0	52.293	3.207	0.0	43.475	3.989	0.0	46.757	3.663	0.0	44.709	3.321	0.0	50.399	2.855	0.0	42.43	3.718	0.0	48.024	3.313
33	4510	4511	SN	1	0.0	47.131	6.899	0.0	43.8	5.552	0.0	48.126	5.86	0.0	40.864	5.885	0.0	45.684	5.945	0.0	42.544	4.948	0.0	45.929	5.326	0.0	41.121	5.378
34	4510	4511	NS	1	0.0	47.822	1.591	0.0	52.909	1.407	0.0	39.144	1.001	0.0	42.744	0.989	0.0	46.506	1.444	0.0	49.775	1.241	0.0	38.091	0.935	0.0	39.902	0.916
35	4510	4511	NS	1	0.0	49.631	1.691	0.0	48.277	1.442	0.0	39.445	1.042	0.0	38.375	0.984	0.0	48.553	1.546	0.0	47.542	1.3	0.0	38.442	0.937	0.0	38.69	0.88
36	4510	4511	NS	1	0.0	52.883	5.334	0.0	52.867	4.878	0.0	43.576	3.881	0.0	49.69	3.891	0.0	52.447	5.102	0.0	49.451	4.365	0.0	40.11	3.589	0.0	47.009	3.521
37	4510	4511	NS	1	0.0	48.421	5.344	0.0	51.588	4.756	0.0	43.376	3.918	0.0	49.518	3.67	0.0	47.26	5.123	0.0	48.733	4.313	0.0	44.605	3.683	0.0	48.88	3.456
38	4510	4511	SN	1	0.0	41.305	2.631	0.0	47.646	2.092	0.0	42.31	2.169	0.0	44.632	1.868	0.0	39.495	2.095	0.0	45.988	1.753	0.0	38.648	1.846	0.0	40.178	1.651
39	4510	4511	SN	1	0.0	45.539	6.999	0.0	43.8	5.587	0.0	48.126	5.883	0.0	40.864	5.855	0.0	44.092	6.014	0.0	42.544	4.984	0.0	45.929	5.316	0.0	41.121	5.366
40	4510	4511	SN	1	0.0	41.305	2.633	0.0	47.646	2.115	0.0	42.31	2.167	0.0	44.632	1.889	0.0	39.495	2.095	0.0	45.988	1.773	0.0	38.648	1.846	0.0	40.178	1.67
41	4510	4511	SN	1	0.0	45.539	6.998	0.0	43.8	5.536	0.0	48.126	5.876	0.0	40.864	5.803	0.0	44.092	6.012	0.0	42.544	4.93	0.0	45.929	5.316	0.0	41.121	5.305
42	4510	4511	SN	1	0.0	41.305	2.653	0.0	47.646	2.128	0.0	42.31	2.196	0.0	44.632	1.898	0.0	39.495	2.114	0.0	45.988	1.785	0.0	38.648	1.867	0.0	40.178	1.672
43	4511	4512	SN	1	0.0	46.053	3.634	0.0	44.838	3.739	0.0	39.111	2.545	0.0	44.034	2.865	0.0	46.877	3.371	0.0	42.175	3.529	0.0	38.656	2.489	0.0	43.393	2.671
44	4511	4512	NS	1	0.0	55.788	9.294	0.0	51.322	8.046	0.0	46.828	6.712	0.0	45.785	6.094	0.0	54.708	9.133	0.0	50.464	7.613	0.0	46.804	6.826	0.0	46.577	5.794
45	4511	4512	SN	1	0.0	51.619	11.116	0.0	50.296	11.338	0.0	39.266	7.936	0.0	45.193	8.563	0.0	51.596	10.714	0.0	54.033	10.974	0.0	40.012	8.0	0.0	44.827	8.349
46	4511	4512	SN	1	0.0	51.619	11.205	0.0	50.296	11.559	0.0	39.266	8.189	0.0	45.193	8.723	0.0	51.596	10.868	0.0	54.033	11.179	0.0	40.012	8.271	0.0	44.827	8.544
47	4511	4512	NS	1	0.0	55.788	9.294	0.0	51.322	8.046	0.0	46.828	6.712	0.0	45.785	6.094	0.0	54.708	9.133	0.0	50.464	7.613	0.0	46.804	6.826	0.0	46.577	5.794
48	4511	4512	SN	1	0.0	46.053	3.74	0.0	44.838	3.791	0.0	39.111	2.622	0.0	44.034	2.897	0.0	46.877	3.473	0.0	42.175	3.598	0.0	38.656	2.572	0.0	43.393	2.705
49	4511	4512	NS	1	0.0	47.177	3.053	0.0	47.991	2.663	0.0	44.824	2.128	0.0	42.836	1.809	0.0	47.72	2.976	0.0	47.37	2.602	0.0	43.95	2.157	0.0	43.684	1.669
50	4511	4512	SN	1	0.0	46.053	3.634	0.0	44.838	3.698	0.0	39.111	2.545	0.0	44.034	2.833	0.0	46.877	3.371	0.0	42.175	3.492	0.0	38.656	2.492	0.0	43.393	2.641
51	4511	4512	SN	1	0.0	51.619	11.118	0.0	50.296	11.464	0.0	39.266	7.943	0.0	45.193	8.659	0.0	51.596	10.716	0.0	54.033	11.096	0.0	40.012	8.0	0.0	44.827	8.443
52	4511	4512	NS	1	0.0	47.177	3.053	0.0	47.991	2.663	0.0	44.824	2.128	0.0	42.836	1.809	0.0	47.72	2.976	0.0	47.37	2.602	0.0	43.95	2.157	0.0	43.684	1.669
53	4512	4513	NS	1	0.0	43.427	2.565	0.0	50.528	2.174	0.0	40.27	2.014	0.0	37.872	1.756	0.0	44.959	2.38	0.0	49.443	2.047	0.0	39.732	1.841	0.0	38.437	1.599
54	4512	4513	SN	1	0.0	52.798	7.975	0.0	48.339	8.207	0.0	42.891	7.509	0.0	46.466	7.977	0.0	51.948	7.696	0.0	46.924	7.678	0.0	43.382	7.517	0.0	46.184	7.87
55	4512	4513	NS	1	0.0	48.567	7.932	0.0	50.692	6.4	0.0	41.31	6.062	0.0	44.575	5.468	0.0	51.017	7.348	0.0	47.767	6.299	0.0	42.617	5.891	0.0	42.932	5.325
56	4512	4513	SN	1	0.0	52.798	8.153	0.0	48.339	8.798	0.0	42.891	7.348	0.0	46.466	8.169	0.0	51.948	7.842	0.0	46.924	8.246	0.0	43.382	7.319	0.0	46.184	8.032
57	4512	4513	NS	1	0.0	49.813	8.215	0.0	56.654	6.789	0.0	43.577	6.241	0.0	42.92	5.238	0.0	51.304	7.712	0.0	56.84	6.166	0.0	43.39	5.899	0.0	44.301	5.139
58	4512	4513	SN	1	0.0	51.014	3.323	0.0	50.848	3.445	0.0	45.98	2.262	0.0	46.382	2.576	0.0	52.439	3.265	0.0	46.757	3.312	0.0	44.113	2.333	0.0	42.429	2.434
59	4512	4513	SN	1	0.0	51.014	3.323	0.0	50.848	3.481	0.0	45.98	2.261	0.0	46.382	2.603	0.0	52.439	3.267	0.0	46.757	3.349	0.0	44.113	2.333	0.0	42.429	2.461
60	4512	4513	SN	1	0.0	51.014	3.382	0.0	50.848	3.472	0.0	45.98	2.298	0.0	46.382	2.55	0.0	52.439	3.324	0.0	46.757	3.327	0.0	44.113	2.382	0.0	42.429	2.415
61	4512	4513	SN	1	0.0	52.798	8.172	0.0	48.339	8.721	0.0	42.891	7.348	0.0	46.466	8.078	0.0	51.948	7.86	0.0	46.924	8.165	0.0	43.382	7.319	0.0	46.184	7.943
62	4512	4513	NS	1	0.0	45.412	2.582	0.0	49.32	2.114	0.0	38.82	2.068	0.0	43.316	1.815	0.0	45.362	2.372	0.0	45.712	2.041	0.0	38.102	1.931	0.0	46.208	1.691
63	4513	4514	NS	1	0.0	50.534	9.525	0.0	45.305	9.123	0.0	41.815	6.711	0.0	44.752	5.965	0.0	54.108	9.344	0.0	44.136	8.831	0.0	44.574	6.754	0.0	43.393	5.887
64	4513	4514	SN	1	0.0	51.602	5.708	0.0	49.045	6.184	0.0	46.416	4.662	0.0	46.309	5.329	0.0	53.036	4.935	0.0	49.331	5.496	0.0	45.657	4.022	0.0	45.623	4.609
65	4513	4514	NS	1	0.0	44.906	9.874	0.0	43.899	9.096	0.0	39.322	6.752	0.0	40.582	6.138	0.0	45.226	9.753	0.0	44.912	8.915	0.0	40.024	6.773	0.0	41.733	6.095
66	4513	4514	SN	1	0.0	51.602	7.149	0.0	49.045	7.631	0.0	46.416	5.311	0.0	46.309	6.217	0.0	53.036	6.555	0.0	49.331	7.028	0.0	45.657	4.772	0.0	45.623	5.648
67	4513	4514	SN	1	0.0	51.602	7.137	0.0	49.045	7.578	0.0	46.416	5.304	0.0	46.309	6.155	0.0	53.036	6.544	0.0	49.331	7.002	0.0	45.657	4.772	0.0	45.623	5.585

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

68	4513	4514	SN	1	0.0	49.756	2.043	0.0	50.474	2.292	0.0	49.26	1.375	0.0	43.884	1.426	0.0	49.619	1.687	0.0	49.857	1.922	0.0	45.084	1.176	0.0	43.518	1.202
69	4513	4514	NS	1	0.0	48.025	2.955	0.0	39.883	2.573	0.0	37.06	2.302	0.0	38.138	2.019	0.0	44.281	2.826	0.0	39.91	2.46	0.0	34.85	2.286	0.0	39.054	1.925
70	4513	4514	NS	1	0.0	39.764	2.951	0.0	39.373	2.519	0.0	36.074	2.306	0.0	44.598	1.895	0.0	39.28	2.856	0.0	40.523	2.429	0.0	35.84	2.294	0.0	41.778	1.746
71	4513	4514	SN	1	0.0	49.756	2.361	0.0	50.474	2.624	0.0	49.26	1.478	0.0	43.884	1.697	0.0	49.619	2.022	0.0	49.857	2.281	0.0	45.084	1.323	0.0	43.518	1.5
72	4513	4514	SN	1	0.0	49.756	2.33	0.0	50.474	2.554	0.0	49.26	1.483	0.0	43.884	1.664	0.0	49.619	2.017	0.0	49.857	2.245	0.0	45.084	1.344	0.0	43.518	1.458
73	4514	4515	SN	1	0.0	46.822	5.804	0.0	51.15	5.961	0.0	43.076	3.986	0.0	43.007	4.012	0.0	45.645	5.593	0.0	52.113	5.699	0.0	43.285	3.518	0.0	41.502	3.641
74	4514	4515	SN	1	0.0	49.041	1.743	0.0	46.6	1.673	0.0	38.194	1.067	0.0	42.655	1.1	0.0	44.471	1.484	0.0	47.351	1.553	0.0	36.099	1.001	0.0	43.472	1.036
75	4514	4515	NS	1	0.0	56.831	9.624	0.0	54.765	7.859	0.0	46.231	7.12	0.0	42.142	6.494	0.0	56.58	9.443	0.0	55.137	7.587	0.0	44.943	7.091	0.0	43.738	6.615
76	4514	4515	NS	1	0.0	52.445	3.08	0.0	45.681	2.714	0.0	44.425	2.189	0.0	45.168	2.121	0.0	50.418	2.975	0.0	47.865	2.589	0.0	41.833	2.182	0.0	42.191	2.052
77	4514	4515	NS	1	0.0	52.445	3.08	0.0	45.681	2.714	0.0	44.425	2.189	0.0	45.168	2.121	0.0	50.418	2.975	0.0	47.865	2.589	0.0	41.833	2.182	0.0	42.191	2.052
78	4514	4515	NS	1	0.0	56.831	9.624	0.0	54.765	7.859	0.0	46.231	7.12	0.0	42.142	6.494	0.0	56.58	9.443	0.0	55.137	7.587	0.0	44.943	7.091	0.0	43.738	6.615
79	4515	4516	NS	1	0.0	51.523	2.73	0.0	51.484	2.13	0.0	47.338	1.793	0.0	42.1	1.75	0.0	49.783	2.508	0.0	50.577	1.987	0.0	45.522	1.633	0.0	40.495	1.556
80	4515	4516	SN	1	0.0	48.051	5.091	0.0	45.907	4.193	0.0	39.659	3.652	0.0	41.34	4.019	0.0	48.697	4.819	0.0	44.718	3.839	0.0	38.842	3.553	0.0	40.83	3.819
81	4515	4516	SN	1	0.0	43.301	1.536	0.0	49.713	1.311	0.0	40.807	1.12	0.0	40.514	1.206	0.0	40.06	1.372	0.0	46.094	1.169	0.0	36.727	1.091	0.0	38.437	1.123
82	4515	4516	NS	1	0.0	53.314	7.832	0.0	47.935	6.914	0.0	47.117	5.85	0.0	46.079	5.59	0.0	52.274	7.551	0.0	47.197	6.35	0.0	44.306	5.586	0.0	44.688	5.077
83	4515	4516	NS	1	0.0	51.523	2.73	0.0	51.484	2.13	0.0	47.338	1.793	0.0	42.1	1.75	0.0	49.783	2.508	0.0	50.577	1.987	0.0	45.522	1.633	0.0	40.495	1.556
84	4515	4516	NS	1	0.0	53.314	7.832	0.0	47.935	6.914	0.0	47.117	5.85	0.0	46.079	5.59	0.0	52.274	7.551	0.0	47.197	6.35	0.0	44.306	5.586	0.0	44.688	5.077
85	4516	4517	NS	1	0.0	53.109	2.563	0.0	46.477	2.259	0.0	40.556	1.846	0.0	40.785	1.841	0.0	52.462	2.379	0.0	47.459	2.103	0.0	39.366	1.747	0.0	41.311	1.657
86	4516	4517	SN	1	0.0	46.93	2.31	0.0	46.758	2.039	0.0	44.461	1.535	0.0	40.341	1.396	0.0	49.258	2.164	0.0	47.026	1.908	0.0	41.343	1.459	0.0	40.104	1.3
87	4516	4517	SN	1	0.0	48.537	7.867	0.0	51.939	7.254	0.0	44.741	5.22	0.0	51.592	4.824	0.0	49.161	7.716	0.0	55.573	7.001	0.0	45.238	5.007	0.0	52.26	4.617
88	4516	4517	NS	1	0.0	53.32	7.832	0.0	50.599	6.834	0.0	41.262	5.679	0.0	46.885	5.398	0.0	52.271	7.389	0.0	50.341	6.522	0.0	40.578	5.501	0.0	45.338	4.934
89	4517	4518	NS	1	0.0	46.914	2.782	0.0	49.312	2.504	0.0	40.103	2.288	0.0	45.736	2.237	0.0	46.043	2.535	0.0	48.268	2.363	0.0	43.015	2.177	0.0	42.961	2.047
90	4517	4518	SN	1	0.0	55.591	2.164	0.0	49.575	2.014	0.0	42.778	1.55	0.0	51.473	1.513	0.0	50.554	2.067	0.0	48.697	1.919	0.0	41.109	1.516	0.0	48.915	1.471
91	4517	4518	NS	1	0.0	50.872	8.186	0.0	52.171	7.578	0.0	40.938	6.566	0.0	45.423	6.411	0.0	52.077	7.703	0.0	55.18	6.942	0.0	38.639	6.225	0.0	43.987	6.135
92	4517	4518	NS	1	0.0	50.872	8.034	0.0	52.171	7.439	0.0	40.938	6.441	0.0	45.423	6.296	0.0	52.077	7.551	0.0	55.18	6.815	0.0	38.639	6.107	0.0	43.987	6.025
93	4517	4518	NS	1	0.0	46.914	2.837	0.0	49.312	2.549	0.0	40.103	2.333	0.0	45.736	2.278	0.0	46.043	2.585	0.0	48.268	2.406	0.0	43.015	2.22	0.0	42.961	2.084
94	4517	4518	SN	1	0.0	53.894	6.962	0.0	53.942	6.446	0.0	49.844	5.426	0.0	46.885	5.807	0.0	52.554	6.761	0.0	54.807	6.223	0.0	49.108	5.326	0.0	47.038	5.536
95	4518	4519	NS	1	0.0	49.877	7.934	0.0	47.607	7.254	0.0	50.635	6.588	0.0	42.375	5.87	0.0	46.309	7.095	0.0	45.317	6.51	0.0	49.564	6.1	0.0	42.979	5.539
96	4518	4519	NS	1	0.0	43.242	2.856	0.0	53.664	2.317	0.0	43.084	2.169	0.0	41.05	1.999	0.0	41.058	2.453	0.0	52.68	2.031	0.0	42.337	1.962	0.0	40.806	1.789
97	4518	4519	SN	1	0.0	45.585	6.044	0.0	52.426	4.788	0.0	45.934	4.92	0.0	41.017	4.62	0.0	45.285	5.511	0.0	51.096	4.323	0.0	48.525	4.459	0.0	42.328	4.214
98	4518	4519	SN	1	0.0	48.37	2.078	0.0	47.725	1.636	0.0	40.7	1.648	0.0	40.064	1.415	0.0	49.768	1.905	0.0	49.383	1.448	0.0	39.351	1.489	0.0	38.793	1.225
99	4518	4519	NS	1	0.0	49.877	7.52	0.0	47.607	6.874	0.0	50.635	6.263	0.0	42.375	5.569	0.0	46.309	6.724	0.0	45.317	6.169	0.0	49.564	5.8	0.0	42.979	5.255
100	4518	4519	NS	1	0.0	43.242	2.715	0.0	53.664	2.202	0.0	43.084	2.062	0.0	41.05	1.899	0.0	41.058	2.33	0.0	52.68	1.93	0.0	42.337	1.866	0.0	40.806	1.7
101	4519	4520	NS	1	0.0	41.577	4.182	0.0	43.915	3.621	0.0	39.405	2.707	0.0	40.138	2.658	0.0	43.029	4.079	0.0	44.904	3.433	0.0	39.445	2.604	0.0	38.615	2.485
102	4519	4520	NS	1	0.0	46.364	12.785	0.0	51.852	12.161	0.0	45.836	8.784	0.0	45.74	8.71	0.0	48.566	12.864	0.0	51.109	11.558	0.0	45.333	8.934	0.0	42.445	8.568
103	4521	4522	SN	1	0.0	48.178	8.024	0.0	54.538	7.72	0.0	45.729	5.557	0.0	50.415	5.398	0.0	51.208	7.139	0.0	56.077	7.003	0.0	46.93	5.096	0.0	48.883	4.928

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

104	4521	4522	NS	1	0.0	51.682	9.272	0.0	52.411	7.725	0.0	47.154	5.562	0.0	49.617	5.387	0.0	50.744	8.618	0.0	50.757	7.081	0.0	48.723	5.185	0.0	49.355	4.732
105	4521	4522	SN	1	0.0	48.178	8.162	0.0	54.538	7.857	0.0	45.729	5.609	0.0	50.415	5.482	0.0	51.208	7.256	0.0	56.077	7.123	0.0	46.93	5.159	0.0	48.883	4.972
106	4521	4522	SN	1	0.0	42.478	2.219	0.0	48.167	2.212	0.0	40.126	1.542	0.0	42.224	1.578	0.0	40.243	1.855	0.0	47.168	1.849	0.0	39.931	1.392	0.0	39.736	1.376
107	4521	4522	SN	1	0.0	42.478	2.224	0.0	48.167	2.236	0.0	40.126	1.542	0.0	42.224	1.596	0.0	40.243	1.857	0.0	47.168	1.869	0.0	39.931	1.392	0.0	39.736	1.392
108	4521	4522	NS	1	0.0	46.076	2.696	0.0	53.409	2.142	0.0	43.646	1.738	0.0	42.858	1.532	0.0	50.244	2.32	0.0	55.185	1.904	0.0	44.003	1.551	0.0	40.293	1.371
109	4521	4522	SN	1	0.0	42.478	2.265	0.0	48.167	2.259	0.0	40.126	1.553	0.0	42.224	1.599	0.0	40.243	1.885	0.0	47.168	1.887	0.0	39.931	1.396	0.0	39.736	1.385
110	4521	4522	SN	1	0.0	48.178	8.036	0.0	54.538	7.805	0.0	45.729	5.557	0.0	50.415	5.46	0.0	51.208	7.151	0.0	56.077	7.079	0.0	46.93	5.096	0.0	48.883	4.984
111	4522	4523	SN	1	0.0	45.061	2.265	0.0	43.721	2.218	0.0	45.793	1.694	0.0	39.436	1.648	0.0	44.048	2.217	0.0	42.749	2.072	0.0	42.621	1.593	0.0	39.309	1.523
112	4522	4523	NS	1	0.0	51.843	3.725	0.0	40.819	2.474	0.0	44.711	2.443	0.0	37.603	2.109	0.0	49.48	2.97	0.0	42.576	2.223	0.0	41.469	1.973	0.0	36.89	1.767
113	4522	4523	NS	1	0.0	51.481	3.312	0.0	39.043	2.686	0.0	41.893	2.221	0.0	40.579	2.267	0.0	49.48	2.728	0.0	38.387	2.193	0.0	41.343	1.879	0.0	41.887	1.711
114	4522	4523	SN	1	0.0	47.983	6.69	0.0	46.374	6.528	0.0	46.856	5.053	0.0	42.129	5.014	0.0	48.797	6.608	0.0	47.445	6.375	0.0	45.762	5.039	0.0	40.56	4.826
115	4522	4523	SN	1	0.0	47.983	6.69	0.0	46.374	6.528	0.0	46.856	5.053	0.0	42.129	5.014	0.0	48.797	6.608	0.0	47.445	6.375	0.0	45.762	5.039	0.0	40.56	4.826
116	4522	4523	SN	1	0.0	47.983	6.598	0.0	46.374	6.518	0.0	46.856	5.011	0.0	42.129	5.02	0.0	48.797	6.507	0.0	47.445	6.364	0.0	45.762	4.983	0.0	40.56	4.84
117	4522	4523	NS	1	0.0	47.648	0.894	0.0	36.932	0.688	0.0	40.456	0.606	0.0	36.645	0.562	0.0	47.883	0.647	0.0	37.03	0.516	0.0	40.028	0.486	0.0	35.97	0.445
118	4522	4523	NS	1	0.0	48.027	0.914	0.0	46.893	0.661	0.0	39.92	0.64	0.0	38.053	0.569	0.0	47.883	0.756	0.0	44.658	0.505	0.0	38.175	0.537	0.0	37.376	0.438
119	4522	4523	SN	1	0.0	45.728	2.308	0.0	43.721	2.222	0.0	45.793	1.695	0.0	39.436	1.651	0.0	44.713	2.246	0.0	42.749	2.076	0.0	42.621	1.602	0.0	39.309	1.525
120	4522	4523	SN	1	0.0	45.728	2.308	0.0	43.721	2.222	0.0	45.793	1.695	0.0	39.436	1.651	0.0	44.713	2.246	0.0	42.749	2.076	0.0	42.621	1.602	0.0	39.309	1.525
121	4523	4524	NS	1	0.0	50.496	3.404	0.0	51.062	2.324	0.0	39.611	2.715	0.0	41.116	2.452	0.0	46.459	2.709	0.0	46.726	2.072	0.0	37.122	2.466	0.0	39.945	2.259
122	4523	4524	NS	1	0.0	41.518	1.293	0.0	50.359	0.908	0.0	40.115	0.84	0.0	36.208	0.701	0.0	38.945	1.096	0.0	49.535	0.829	0.0	41.523	0.738	0.0	39.685	0.603
123	4523	4524	SN	1	0.0	42.606	2.968	0.0	40.901	2.575	0.0	41.74	2.257	0.0	36.285	2.239	0.0	39.288	2.837	0.0	41.665	2.468	0.0	41.393	2.317	0.0	35.022	2.165
124	4523	4524	SN	1	0.0	42.606	3.003	0.0	40.901	2.564	0.0	41.74	2.269	0.0	36.285	2.23	0.0	39.288	2.87	0.0	41.665	2.463	0.0	41.393	2.334	0.0	35.022	2.159
125	4523	4524	SN	1	0.0	45.248	7.94	0.0	47.491	6.316	0.0	41.218	6.625	0.0	47.176	6.169	0.0	46.147	7.589	0.0	45.904	6.054	0.0	43.353	6.816	0.0	50.626	6.177
126	4523	4524	NS	1	0.0	41.518	1.293	0.0	50.359	0.908	0.0	40.115	0.84	0.0	36.208	0.701	0.0	38.945	1.096	0.0	49.535	0.829	0.0	41.523	0.738	0.0	39.685	0.603
127	4523	4524	NS	1	0.0	50.496	3.404	0.0	51.062	2.324	0.0	39.611	2.715	0.0	41.116	2.452	0.0	46.459	2.709	0.0	46.726	2.072	0.0	37.122	2.466	0.0	39.945	2.259
128	4523	4524	SN	1	0.0	45.248	8.027	0.0	47.491	6.34	0.0	41.218	6.638	0.0	47.176	6.186	0.0	46.147	7.679	0.0	45.904	6.084	0.0	43.353	6.804	0.0	50.626	6.193
129	4523	4524	SN	1	0.0	42.606	2.966	0.0	40.901	2.547	0.0	41.74	2.257	0.0	36.285	2.214	0.0	39.288	2.837	0.0	41.665	2.44	0.0	41.393	2.317	0.0	35.022	2.141
130	4523	4524	SN	1	0.0	45.248	7.943	0.0	47.491	6.387	0.0	41.218	6.632	0.0	47.176	6.239	0.0	46.147	7.591	0.0	45.904	6.122	0.0	43.353	6.816	0.0	50.626	6.246
131	4524	4525	SN	1	0.0	43.59	2.978	0.0	45.881	2.587	0.0	41.698	2.194	0.0	43.582	2.026	0.0	40.649	2.68	0.0	45.566	2.286	0.0	42.55	1.942	0.0	41.045	1.824
132	4524	4525	NS	1	0.0	45.856	1.818	0.0	50.957	1.631	0.0	41.18	1.178	0.0	40.81	1.027	0.0	42.453	1.644	0.0	47.239	1.511	0.0	44.88	1.107	0.0	40.016	0.961
133	4524	4525	NS	1	0.0	48.703	1.752	0.0	45.674	1.649	0.0	40.262	1.167	0.0	42.465	1.144	0.0	47.993	1.625	0.0	46.542	1.509	0.0	40.071	1.106	0.0	42.862	1.05
134	4524	4525	SN	1	0.0	43.59	2.948	0.0	45.881	2.55	0.0	41.698	2.186	0.0	43.582	2.015	0.0	40.649	2.644	0.0	45.566	2.253	0.0	42.55	1.928	0.0	41.045	1.817
135	4524	4525	SN	1	0.0	45.913	8.415	0.0	46.442	7.758	0.0	41.689	6.051	0.0	43.341	6.181	0.0	45.673	7.852	0.0	46.61	6.787	0.0	43.191	5.739	0.0	41.867	5.626
136	4524	4525	NS	1	0.0	47.425	7.029	0.0	51.22	6.659	0.0	46.422	4.34	0.0	47.985	4.29	0.0	49.609	6.788	0.0	53.936	5.955	0.0	46.249	3.998	0.0	45.438	4.034
137	4524	4525	SN	1	0.0	45.913	8.413	0.0	46.442	7.671	0.0	41.689	6.051	0.0	43.341	6.112	0.0	45.673	7.85	0.0	46.61	6.711	0.0	43.191	5.732	0.0	41.867	5.564
138	4524	4525	SN	1	0.0	43.59	2.948	0.0	45.881	2.519	0.0	41.698	2.183	0.0	43.582	1.992	0.0	40.649	2.646	0.0	45.566	2.228	0.0	42.55	1.928	0.0	41.045	1.797
139	4524	4525	SN	1	0.0	45.913	8.328	0.0	46.442	7.806	0.0	41.689	6.061	0.0	43.341	6.193	0.0	45.673	7.812	0.0	46.61	6.832	0.0	43.191	5.792	0.0	41.867	5.666

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

140	4524	4525	NS	1	0.0	54.114	7.128	0.0	49.006	6.41	0.0	50.134	4.353	0.0	49.144	3.95	0.0	50.469	6.705	0.0	48.906	5.776	0.0	53.18	3.847	0.0	47.67	3.914
141	4525	4526	NS	1	0.0	47.465	2.208	0.0	43.981	2.047	0.0	40.815	1.446	0.0	43.314	1.434	0.0	45.466	2.051	0.0	42.133	1.862	0.0	39.631	1.334	0.0	46.721	1.318
142	4525	4526	NS	1	0.0	51.424	2.265	0.0	45.431	2.136	0.0	41.379	1.417	0.0	40.736	1.472	0.0	48.084	2.102	0.0	43.346	2.039	0.0	39.105	1.344	0.0	39.623	1.358
143	4525	4526	NS	1	0.0	53.141	6.575	0.0	53.961	6.266	0.0	45.544	5.344	0.0	46.801	4.932	0.0	51.389	6.373	0.0	52.943	6.035	0.0	46.001	5.109	0.0	50.917	4.797
144	4525	4526	SN	1	0.0	53.214	7.679	0.0	48.584	8.15	0.0	40.864	5.734	0.0	45.808	5.756	0.0	52.336	7.188	0.0	49.668	7.141	0.0	41.278	5.417	0.0	47.417	5.282
145	4525	4526	SN	1	0.0	53.214	7.878	0.0	48.584	8.298	0.0	40.864	5.808	0.0	45.808	5.799	0.0	52.336	7.365	0.0	49.668	7.246	0.0	41.278	5.481	0.0	47.417	5.302
146	4525	4526	SN	1	0.0	53.214	7.846	0.0	48.584	8.206	0.0	40.864	5.779	0.0	45.808	5.734	0.0	52.336	7.333	0.0	49.668	7.165	0.0	41.278	5.51	0.0	47.417	5.243
147	4525	4526	NS	1	0.0	49.563	6.463	0.0	51.186	6.098	0.0	44.557	5.349	0.0	44.158	5.233	0.0	51.129	6.191	0.0	54.169	5.836	0.0	45.377	5.193	0.0	45.126	4.77
148	4525	4526	SN	1	0.0	51.995	2.739	0.0	41.817	2.569	0.0	41.486	1.912	0.0	44.241	1.933	0.0	49.192	2.398	0.0	41.343	2.154	0.0	41.057	1.783	0.0	41.626	1.594
149	4525	4526	SN	1	0.0	51.995	2.733	0.0	41.817	2.571	0.0	41.486	1.919	0.0	44.241	1.922	0.0	49.192	2.402	0.0	41.343	2.164	0.0	41.057	1.777	0.0	41.626	1.588
150	4525	4526	SN	1	0.0	51.995	2.729	0.0	41.817	2.545	0.0	41.486	1.917	0.0	44.241	1.9	0.0	49.192	2.414	0.0	41.343	2.143	0.0	41.057	1.781	0.0	41.626	1.572
151	4526	4527	SN	1	0.0	52.092	4.337	0.0	45.618	4.248	0.0	45.189	3.19	0.0	44.95	3.233	0.0	49.521	4.216	0.0	46.602	4.143	0.0	41.848	3.229	0.0	45.314	3.036
152	4526	4527	SN	1	0.0	52.092	4.276	0.0	45.618	4.293	0.0	45.189	3.129	0.0	44.95	3.284	0.0	49.521	4.157	0.0	46.602	4.233	0.0	41.848	3.164	0.0	45.314	3.118
153	4526	4527	SN	1	0.0	50.91	12.601	0.0	50.91	12.168	0.0	47.194	9.375	0.0	47.705	9.745	0.0	47.966	12.856	0.0	51.914	11.805	0.0	46.076	9.45	0.0	46.888	9.444
154	4526	4527	SN	1	0.0	50.91	12.734	0.0	50.91	12.602	0.0	47.194	9.237	0.0	47.705	9.886	0.0	47.966	12.905	0.0	51.914	12.306	0.0	46.076	9.307	0.0	46.888	9.692
155	4526	4527	SN	1	0.0	50.91	12.73	0.0	50.91	12.465	0.0	47.194	9.237	0.0	47.705	9.783	0.0	47.966	12.901	0.0	51.914	12.171	0.0	46.076	9.315	0.0	46.888	9.584
156	4526	4527	SN	1	0.0	52.092	4.281	0.0	45.618	4.241	0.0	45.189	3.129	0.0	44.95	3.25	0.0	49.521	4.155	0.0	46.602	4.18	0.0	41.848	3.164	0.0	45.314	3.084
157	4526	4527	NS	1	0.0	44.337	2.844	0.0	49.145	2.358	0.0	41.964	2.053	0.0	43.403	1.853	0.0	48.189	2.717	0.0	50.996	2.331	0.0	42.303	2.046	0.0	44.806	1.78
158	4526	4527	NS	1	0.0	46.374	2.854	0.0	47.986	2.307	0.0	41.888	2.034	0.0	41.743	1.896	0.0	47.163	2.775	0.0	45.78	2.237	0.0	41.246	2.043	0.0	40.982	1.829
159	4526	4527	NS	1	0.0	53.443	8.006	0.0	50.604	6.712	0.0	43.551	7.033	0.0	46.541	6.117	0.0	58.198	8.087	0.0	53.161	6.592	0.0	46.38	7.033	0.0	45.854	5.818
160	4526	4527	NS	1	0.0	50.259	8.095	0.0	58.277	6.816	0.0	47.861	7.216	0.0	46.184	5.79	0.0	50.507	7.924	0.0	61.209	6.574	0.0	48.071	7.18	0.0	44.283	5.612
161	4527	4528	NS	1	0.0	49.649	8.349	0.0	51.579	7.105	0.0	43.384	6.534	0.0	44.223	5.86	0.0	45.679	8.067	0.0	52.49	6.522	0.0	40.901	6.392	0.0	42.209	5.425
162	4527	4528	SN	1	0.0	60.243	9.937	0.0	59.012	11.119	0.0	44.544	6.734	0.0	51.192	7.681	0.0	59.287	9.303	0.0	56.976	10.362	0.0	45.573	6.372	0.0	49.48	7.134
163	4527	4528	NS	1	0.0	46.102	8.529	0.0	50.092	6.746	0.0	45.934	6.639	0.0	41.52	5.812	0.0	44.035	7.955	0.0	49.296	6.253	0.0	42.46	6.618	0.0	43.252	5.298
164	4527	4528	SN	1	0.0	52.682	3.27	0.0	50.539	3.407	0.0	45.086	2.045	0.0	45.793	2.25	0.0	53.206	2.924	0.0	49.41	3.105	0.0	42.325	1.874	0.0	48.03	1.958
165	4527	4528	SN	1	0.0	60.243	8.93	0.0	59.012	9.908	0.0	44.544	6.445	0.0	51.192	6.955	0.0	59.287	8.167	0.0	56.976	8.946	0.0	45.573	6.0	0.0	49.48	6.361
166	4527	4528	SN	1	0.0	52.682	3.094	0.0	50.539	3.2	0.0	45.086	1.968	0.0	45.793	2.063	0.0	53.206	2.675	0.0	49.41	2.816	0.0	42.325	1.759	0.0	48.03	1.726
167	4527	4528	SN	1	0.0	52.682	3.273	0.0	50.539	3.371	0.0	45.086	2.044	0.0	45.793	2.23	0.0	53.206	2.924	0.0	49.41	3.069	0.0	42.325	1.874	0.0	48.03	1.936
168	4527	4528	SN	1	0.0	60.243	9.934	0.0	59.012	10.989	0.0	44.544	6.734	0.0	51.192	7.596	0.0	59.287	9.3	0.0	56.976	10.241	0.0	45.573	6.365	0.0	49.48	7.054
169	4527	4528	NS	1	0.0	50.039	2.839	0.0	41.345	2.238	0.0	38.933	2.153	0.0	41.229	1.908	0.0	50.202	2.604	0.0	37.518	2.037	0.0	36.428	2.094	0.0	38.641	1.655
170	4527	4528	NS	1	0.0	39.631	2.922	0.0	41.048	2.432	0.0	37.167	2.211	0.0	37.563	1.889	0.0	39.084	2.625	0.0	40.243	2.101	0.0	40.537	2.061	0.0	38.648	1.681
171	4528	4529	NS	1	0.0	45.408	3.156	0.0	49.744	2.936	0.0	47.009	2.256	0.0	41.441	2.255	0.0	42.565	3.31	0.0	46.825	2.934	0.0	42.524	2.284	0.0	42.151	2.205
172	4528	4529	NS	1	0.0	42.878	3.261	0.0	48.413	2.976	0.0	50.828	2.294	0.0	39.04	2.209	0.0	42.307	3.329	0.0	52.939	2.992	0.0	48.42	2.298	0.0	41.032	2.22
173	4528	4529	SN	1	0.0	44.688	5.473	0.0	51.879	5.78	0.0	48.884	3.66	0.0	44.493	4.275	0.0	45.573	5.151	0.0	50.637	5.356	0.0	47.938	3.482	0.0	44.531	3.712
174	4528	4529	SN	1	0.0	44.688	5.473	0.0	51.879	5.78	0.0	48.884	3.66	0.0	44.493	4.275	0.0	45.573	5.151	0.0	50.637	5.356	0.0	47.938	3.482	0.0	44.531	3.712
175	4528	4529	SN	1	0.0	47.067	1.664	0.0	48.085	1.734	0.0	38.144	1.084	0.0	45.525	1.116	0.0	48.64	1.561	0.0	47.517	1.54	0.0	37.33	0.987	0.0	47.563	1.037

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

176	4528	4529	SN	1	0.0	47.067	1.664	0.0	48.085	1.734	0.0	38.144	1.084	0.0	45.525	1.116	0.0	48.64	1.561	0.0	47.517	1.54	0.0	37.33	0.987	0.0	47.563	1.037
177	4528	4529	NS	1	0.0	48.398	9.725	0.0	48.409	8.929	0.0	46.294	7.501	0.0	48.328	6.782	0.0	46.291	9.614	0.0	51.129	8.718	0.0	44.218	7.544	0.0	46.755	7.06
178	4528	4529	NS	1	0.0	49.049	9.425	0.0	52.923	8.715	0.0	43.574	7.482	0.0	45.78	7.229	0.0	47.987	9.455	0.0	52.747	8.936	0.0	44.218	7.518	0.0	45.246	7.371
179	4529	4530	NS	1	0.0	47.357	3.296	0.0	46.945	2.561	0.0	44.49	2.241	0.0	38.557	2.049	0.0	48.731	2.952	0.0	46.742	2.282	0.0	41.71	2.11	0.0	39.288	1.905
180	4529	4530	SN	1	0.0	44.557	1.394	0.0	48.424	1.207	0.0	39.914	1.037	0.0	39.804	0.933	0.0	42.369	1.164	0.0	45.417	1.092	0.0	38.696	0.911	0.0	36.421	0.853
181	4529	4530	NS	1	0.0	49.643	9.534	0.0	48.395	8.023	0.0	48.814	7.486	0.0	48.39	6.902	0.0	50.496	8.89	0.0	47.666	7.741	0.0	46.252	7.216	0.0	49.263	6.396
182	4529	4530	SN	1	0.0	44.264	4.417	0.0	47.04	3.698	0.0	45.225	3.525	0.0	44.994	3.27	0.0	40.816	3.844	0.0	48.011	3.294	0.0	45.995	3.035	0.0	45.718	2.736
183	4530	4531	NS	1	0.0	51.535	7.863	0.0	47.81	7.082	0.0	44.3	5.59	0.0	45.341	5.573	0.0	49.875	7.521	0.0	50.504	6.861	0.0	45.893	5.54	0.0	43.9	5.124
184	4530	4531	NS	1	0.0	51.071	2.605	0.0	48.607	2.099	0.0	44.71	1.828	0.0	38.499	1.674	0.0	49.389	2.419	0.0	47.016	1.961	0.0	43.301	1.7	0.0	37.366	1.512

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	4506	4507	SN	1	0.0	32.412	15.663	0.0	27.25	13.722	0.0	182.469	14.278	0.0	14.62	12.485	0.0	1.902	0.0	0.0	1.947	0.0	0.0	2.07	0.0	0.0	2.128	0.0
2	4506	4507	SN	1	0.0	24.685	9.532	0.0	27.967	10.114	0.0	193.538	3.843	0.0	252.262	4.105	0.0	1.892	0.0	0.0	1.964	0.0	0.0	2.065	0.0	0.0	2.109	0.0
3	4506	4507	SN	1	0.0	32.412	15.656	0.0	27.277	14.141	0.0	182.469	13.874	0.0	69.412	13.134	0.0	1.902	0.0	0.0	1.947	0.0	0.0	2.07	0.0	0.0	2.128	0.0
4	4506	4507	SN	1	0.0	24.685	9.656	0.0	25.496	10.005	0.0	193.538	3.968	0.0	14.256	3.894	0.0	1.892	0.0	0.0	1.964	0.0	0.0	2.065	0.0	0.0	2.109	0.0
5	4506	4507	SN	1	0.0	30.443	15.629	0.0	27.277	14.153	0.0	182.469	13.874	0.0	69.412	13.256	0.0	1.902	0.0	0.0	1.947	0.0	0.0	2.07	0.0	0.0	2.128	0.0
6	4506	4507	SN	1	0.0	24.685	9.537	0.0	27.967	10.061	0.0	193.538	3.843	0.0	252.262	4.06	0.0	1.892	0.0	0.0	1.964	0.0	0.0	2.065	0.0	0.0	2.109	0.0
7	4507	4508	NS	1	0.0	27.233	15.009	0.0	32.191	14.115	0.0	358.759	10.846	0.0	54.422	10.121	0.0	1.909	0.0	0.0	1.861	0.0	0.0	2.037	0.0	0.0	2.01	0.0
8	4507	4508	SN	1	0.0	32.379	15.638	0.0	27.266	14.102	0.0	198.496	13.833	0.0	70.393	13.041	0.0	1.895	0.0	0.0	1.953	0.0	0.0	2.066	0.0	0.0	2.124	0.0
9	4507	4508	SN	1	0.0	24.696	9.539	0.0	27.978	10.158	0.0	190.256	3.855	0.0	69.241	4.112	0.0	1.892	0.0	0.0	1.96	0.0	0.0	2.06	0.0	0.0	2.104	0.0
10	4507	4508	SN	1	0.0	32.379	15.658	0.0	27.266	13.968	0.0	198.496	13.957	0.0	20.582	12.775	0.0	1.895	0.0	0.0	1.953	0.0	0.0	2.066	0.0	0.0	2.124	0.0
11	4507	4508	SN	1	0.0	24.696	9.578	0.0	26.704	10.107	0.0	190.256	3.897	0.0	14.262	3.968	0.0	1.892	0.0	0.0	1.96	0.0	0.0	2.06	0.0	0.0	2.104	0.0
12	4507	4508	SN	1	0.0	30.333	15.611	0.0	27.266	14.114	0.0	198.496	13.833	0.0	70.399	13.162	0.0	1.895	0.0	0.0	1.953	0.0	0.0	2.066	0.0	0.0	2.124	0.0
13	4507	4508	SN	1	0.0	24.696	9.544	0.0	28.0	10.103	0.0	190.256	3.855	0.0	69.241	4.067	0.0	1.892	0.0	0.0	1.96	0.0	0.0	2.06	0.0	0.0	2.104	0.0
14	4507	4508	NS	1	0.0	28.286	8.115	0.0	25.761	8.273	0.0	343.819	2.115	0.0	54.185	1.784	0.0	1.902	0.0	0.0	1.856	0.0	0.0	2.032	0.0	0.0	2.01	0.0
15	4508	4509	NS	1	0.0	28.342	8.133	0.0	25.755	8.217	0.0	352.643	2.095	0.0	37.303	1.773	0.0	1.903	0.0	0.0	1.854	0.0	0.0	2.032	0.0	0.0	2.01	0.0
16	4508	4509	SN	1	0.0	30.272	15.597	0.0	27.283	14.115	0.0	212.096	13.872	0.0	105.157	13.231	0.0	1.895	0.0	0.0	1.933	0.0	0.0	2.064	0.0	0.0	2.115	0.0
17	4508	4509	NS	1	0.0	27.228	14.964	0.0	32.224	14.128	0.0	352.593	10.806	0.0	55.503	10.04	0.0	1.908	0.0	0.0	1.865	0.0	0.0	2.036	0.0	0.0	2.01	0.0
18	4508	4509	NS	1	0.0	27.228	14.946	0.0	32.224	14.128	0.0	352.599	10.799	0.0	55.503	10.04	0.0	1.908	0.0	0.0	1.865	0.0	0.0	2.036	0.0	0.0	2.01	0.0
19	4508	4509	SN	1	0.0	24.685	9.527	0.0	27.956	10.093	0.0	242.544	3.891	0.0	278.29	4.154	0.0	1.89	0.0	0.0	1.961	0.0	0.0	2.062	0.0	0.0	2.107	0.0
20	4508	4509	NS	1	0.0	28.336	8.131	0.0	25.755	8.208	0.0	317.601	2.095	0.0	37.303	1.772	0.0	1.903	0.0	0.0	1.855	0.0	0.0	2.032	0.0	0.0	2.01	0.0
21	4508	4509	SN	1	0.0	32.434	15.636	0.0	27.283	14.063	0.0	212.041	13.864	0.0	253.875	13.111	0.0	1.895	0.0	0.0	1.933	0.0	0.0	2.064	0.0	0.0	2.115	0.0
22	4508	4509	SN	1	0.0	24.685	9.559	0.0	26.864	10.108	0.0	242.61	3.931	0.0	166.126	4.044	0.0	1.89	0.0	0.0	1.965	0.0	0.0	2.062	0.0	0.0	2.107	0.0
23	4508	4509	SN	1	0.0	24.685	9.527	0.0	27.95	10.153	0.0	242.61	3.893	0.0	273.423	4.2	0.0	1.89	0.0	0.0	1.965	0.0	0.0	2.062	0.0	0.0	2.107	0.0
24	4508	4509	SN	1	0.0	32.439	15.629	0.0	27.283	13.923	0.0	212.096	13.988	0.0	105.157	12.877	0.0	1.895	0.0	0.0	1.933	0.0	0.0	2.064	0.0	0.0	2.115	0.0
25	4509	4510	SN	1	0.0	37.971	15.678	0.0	27.277	14.071	0.0	234.404	13.935	0.0	64.47	13.074	0.0	1.898	0.0	0.0	1.929	0.0	0.0	2.06	0.0	0.0	2.104	0.0
26	4509	4510	NS	1	0.0	28.342	8.09	0.0	27.057	8.221	0.0	288.129	2.083	0.0	58.52	1.77	0.0	1.902	0.0	0.0	1.858	0.0	0.0	2.032	0.0	0.0	2.01	0.0
27	4509	4510	NS	1	0.0	28.342	8.09	0.0	27.057	8.221	0.0	288.101	2.088	0.0	58.514	1.77	0.0	1.902	0.0	0.0	1.858	0.0	0.0	2.032	0.0	0.0	2.01	0.0
28	4509	4510	SN	1	0.0	24.685	9.558	0.0	27.956	10.097	0.0	186.286	3.925	0.0	272.055	4.187	0.0	1.891	0.0	0.0	1.957	0.0	0.0	2.057	0.0	0.0	2.104	0.0
29	4509	4510	SN	1	0.0	37.971	15.678	0.0	27.272	14.04	0.0	234.399	13.928	0.0	64.498	13.068	0.0	1.898	0.0	0.0	1.929	0.0	0.0	2.06	0.0	0.0	2.104	0.0
30	4509	4510	SN	1	0.0	24.68	9.558	0.0	27.95	10.1	0.0	186.291	3.923	0.0	272.149	4.184	0.0	1.891	0.0	0.0	1.957	0.0	0.0	2.057	0.0	0.0	2.104	0.0
31	4509	4510	NS	1	0.0	27.228	14.926	0.0	32.23	14.073	0.0	357.105	10.828	0.0	41.329	9.947	0.0	1.909	0.0	0.0	1.866	0.0	0.0	2.036	0.0	0.0	2.01	0.0

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

32	4509	4510	NS	1	0.0	27.228	14.915	0.0	32.224	14.075	0.0	357.105	10.814	0.0	41.318	9.954	0.0	1.91	0.0	0.0	1.865	0.0	0.0	2.036	0.0	0.0	2.01	0.0
33	4510	4511	SN	1	0.0	37.877	15.717	0.0	27.272	13.771	0.0	207.502	14.128	0.0	15.718	12.562	0.0	1.898	0.0	0.0	1.935	0.0	0.0	2.066	0.0	0.0	2.116	0.0
34	4510	4511	NS	1	0.0	28.303	8.117	0.0	25.744	8.219	0.0	349.306	2.087	0.0	77.309	1.742	0.0	1.901	0.0	0.0	1.854	0.0	0.0	2.034	0.0	0.0	2.009	0.0
35	4510	4511	NS	1	0.0	28.303	8.102	0.0	25.755	8.212	0.0	349.306	2.074	0.0	77.315	1.752	0.0	1.901	0.0	0.0	1.854	0.0	0.0	2.034	0.0	0.0	2.01	0.0
36	4510	4511	NS	1	0.0	27.222	15.015	0.0	32.197	14.152	0.0	350.834	10.759	0.0	44.241	10.021	0.0	1.909	0.0	0.0	1.864	0.0	0.0	2.036	0.0	0.0	2.011	0.0
37	4510	4511	NS	1	0.0	27.233	14.966	0.0	32.224	14.116	0.0	357.364	10.771	0.0	47.964	9.962	0.0	1.911	0.0	0.0	1.864	0.0	0.0	2.036	0.0	0.0	2.011	0.0
38	4510	4511	SN	1	0.0	24.696	9.545	0.0	28.0	10.102	0.0	238.849	3.944	0.0	66.263	4.157	0.0	1.894	0.0	0.0	1.966	0.0	0.0	2.061	0.0	0.0	2.109	0.0
39	4510	4511	SN	1	0.0	31.033	15.688	0.0	27.283	14.146	0.0	207.502	13.872	0.0	65.849	13.201	0.0	1.898	0.0	0.0	1.935	0.0	0.0	2.066	0.0	0.0	2.116	0.0
40	4510	4511	SN	1	0.0	24.696	9.543	0.0	28.0	10.152	0.0	238.849	3.944	0.0	66.263	4.203	0.0	1.894	0.0	0.0	1.966	0.0	0.0	2.061	0.0	0.0	2.109	0.0
41	4510	4511	SN	1	0.0	37.877	15.725	0.0	27.283	14.094	0.0	207.502	13.872	0.0	65.849	13.08	0.0	1.898	0.0	0.0	1.935	0.0	0.0	2.066	0.0	0.0	2.116	0.0
42	4510	4511	SN	1	0.0	24.696	9.617	0.0	25.479	10.088	0.0	238.849	4.03	0.0	14.295	4.023	0.0	1.894	0.0	0.0	1.966	0.0	0.0	2.061	0.0	0.0	2.109	0.0
43	4511	4512	SN	1	0.0	24.707	9.54	0.0	140.266	10.156	0.0	195.121	3.931	0.0	168.982	4.209	0.0	1.894	0.0	0.0	1.957	0.0	0.0	2.06	0.0	0.0	2.107	0.0
44	4511	4512	NS	1	0.0	27.233	14.983	0.0	32.208	14.161	0.0	356.537	10.802	0.0	44.876	10.006	0.0	1.909	0.0	0.0	1.862	0.0	0.0	2.036	0.0	0.0	2.011	0.0
45	4511	4512	SN	1	0.0	32.395	15.799	0.0	161.918	14.066	0.0	150.587	13.86	0.0	67.879	13.087	0.0	1.895	0.0	0.0	1.94	0.0	0.0	2.065	0.0	0.0	2.101	0.0
46	4511	4512	SN	1	0.0	32.395	15.813	0.0	161.918	13.723	0.0	150.587	14.255	0.0	40.075	12.477	0.0	1.895	0.0	0.0	1.94	0.0	0.0	2.065	0.0	0.0	2.101	0.0
47	4511	4512	NS	1	0.0	27.233	14.983	0.0	32.208	14.161	0.0	356.537	10.802	0.0	44.876	10.006	0.0	1.909	0.0	0.0	1.862	0.0	0.0	2.036	0.0	0.0	2.011	0.0
48	4511	4512	SN	1	0.0	24.707	9.659	0.0	140.266	10.057	0.0	195.121	4.057	0.0	94.232	4.005	0.0	1.894	0.0	0.0	1.957	0.0	0.0	2.06	0.0	0.0	2.107	0.0
49	4511	4512	NS	1	0.0	28.397	8.12	0.0	25.75	8.217	0.0	349.748	2.092	0.0	39.934	1.763	0.0	1.902	0.0	0.0	1.854	0.0	0.0	2.031	0.0	0.0	2.01	0.0
50	4511	4512	SN	1	0.0	24.707	9.545	0.0	140.266	10.103	0.0	195.121	3.931	0.0	168.982	4.163	0.0	1.894	0.0	0.0	1.957	0.0	0.0	2.06	0.0	0.0	2.107	0.0
51	4511	4512	SN	1	0.0	30.277	15.762	0.0	161.918	14.08	0.0	150.587	13.86	0.0	67.879	13.205	0.0	1.895	0.0	0.0	1.94	0.0	0.0	2.065	0.0	0.0	2.101	0.0
52	4511	4512	NS	1	0.0	28.397	8.12	0.0	25.75	8.217	0.0	349.748	2.092	0.0	39.934	1.763	0.0	1.902	0.0	0.0	1.854	0.0	0.0	2.031	0.0	0.0	2.01	0.0
53	4512	4513	NS	1	0.0	28.375	8.117	0.0	25.755	8.21	0.0	356.206	2.089	0.0	41.125	1.786	0.0	1.901	0.0	0.0	1.855	0.0	0.0	2.033	0.0	0.0	2.009	0.0
54	4512	4513	SN	1	0.0	32.296	15.821	0.0	26.709	13.512	0.0	161.214	14.411	0.0	14.532	12.3	0.0	1.893	0.0	0.0	1.934	0.0	0.0	2.067	0.0	0.0	2.101	0.0
55	4512	4513	NS	1	0.0	27.228	14.997	0.0	31.981	14.097	0.0	356.206	10.834	0.0	49.519	10.102	0.0	1.908	0.0	0.0	1.866	0.0	0.0	2.037	0.0	0.0	2.009	0.0
56	4512	4513	SN	1	0.0	30.106	15.723	0.0	27.272	14.122	0.0	161.214	13.874	0.0	60.136	13.204	0.0	1.893	0.0	0.0	1.934	0.0	0.0	2.067	0.0	0.0	2.101	0.0
57	4512	4513	NS	1	0.0	27.239	14.98	0.0	32.23	14.162	0.0	356.719	10.751	0.0	50.953	10.056	0.0	1.908	0.0	0.0	1.864	0.0	0.0	2.037	0.0	0.0	2.01	0.0
58	4512	4513	SN	1	0.0	24.707	9.52	0.0	27.961	10.069	0.0	271.586	3.906	0.0	131.232	4.129	0.0	1.891	0.0	0.0	1.957	0.0	0.0	2.062	0.0	0.0	2.107	0.0
59	4512	4513	SN	1	0.0	24.707	9.516	0.0	27.961	10.123	0.0	271.586	3.906	0.0	131.232	4.176	0.0	1.891	0.0	0.0	1.957	0.0	0.0	2.062	0.0	0.0	2.107	0.0
60	4512	4513	SN	1	0.0	24.707	9.681	0.0	25.463	9.987	0.0	271.586	4.097	0.0	14.295	3.965	0.0	1.891	0.0	0.0	1.957	0.0	0.0	2.062	0.0	0.0	2.107	0.0
61	4512	4513	SN	1	0.0	32.296	15.76	0.0	27.272	14.097	0.0	161.214	13.874	0.0	60.136	13.093	0.0	1.893	0.0	0.0	1.934	0.0	0.0	2.067	0.0	0.0	2.101	0.0
62	4512	4513	NS	1	0.0	28.215	8.106	0.0	25.755	8.222	0.0	349.466	2.095	0.0	33.586	1.778	0.0	1.901	0.0	0.0	1.854	0.0	0.0	2.032	0.0	0.0	2.009	0.0
63	4513	4514	NS	1	0.0	27.239	15.012	0.0	32.268	14.172	0.0	356.867	10.736	0.0	52.795	10.163	0.0	1.909	0.0	0.0	1.863	0.0	0.0	2.036	0.0	0.0	2.01	0.0
64	4513	4514	SN	1	0.0	32.351	15.866	0.0	25.496	13.353	0.0	131.356	14.492	0.0	14.631	12.177	0.0	1.894	0.0	0.0	1.945	0.0	0.0	2.063	0.0	0.0	2.122	0.0
65	4513	4514	NS	1	0.0	27.244	15.018	0.0	32.037	14.118	0.0	350.558	10.804	0.0	50.457	10.152	0.0	1.909	0.0	0.0	1.863	0.0	0.0	2.036	0.0	0.0	2.011	0.0
66	4513	4514	SN	1	0.0	30.117	15.665	0.0	27.277	14.077	0.0	131.356	13.806	0.0	65.375	13.19	0.0	1.894	0.0	0.0	1.945	0.0	0.0	2.063	0.0	0.0	2.122	0.0
67	4513	4514	SN	1	0.0	32.351	15.692	0.0	27.277	14.045	0.0	131.356	13.82	0.0	65.375	13.065	0.0	1.894	0.0	0.0	1.945	0.0	0.0	2.063	0.0	0.0	2.122	0.0
68	4513	4514	SN	1	0.0	24.702	9.753	0.0	25.496	9.943	0.0	185.271	4.149	0.0	14.262	3.946	0.0	1.893	0.0	0.0	1.957	0.0	0.0	2.062	0.0	0.0	2.107	0.0

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

69	4513	4514	NS	1	0.0	28.413	8.13	0.0	25.755	8.228	0.0	350.503	2.075	0.0	42.146	1.786	0.0	1.901	0.0	0.0	1.856	0.0	0.0	2.033	0.0	0.0	2.01	0.0
70	4513	4514	NS	1	0.0	28.259	8.121	0.0	25.761	8.219	0.0	355.235	2.068	0.0	34.452	1.785	0.0	1.902	0.0	0.0	1.855	0.0	0.0	2.032	0.0	0.0	2.009	0.0
71	4513	4514	SN	1	0.0	24.702	9.516	0.0	27.994	10.091	0.0	185.271	3.887	0.0	73.223	4.115	0.0	1.893	0.0	0.0	1.957	0.0	0.0	2.062	0.0	0.0	2.107	0.0
72	4513	4514	SN	1	0.0	24.702	9.522	0.0	27.994	10.041	0.0	185.271	3.885	0.0	73.851	4.051	0.0	1.893	0.0	0.0	1.957	0.0	0.0	2.062	0.0	0.0	2.107	0.0
73	4514	4515	SN	1	0.0	32.456	15.662	0.0	27.294	14.146	0.0	351.788	13.865	0.0	61.702	13.154	0.0	1.898	0.0	0.0	1.935	0.0	0.0	2.069	0.0	0.0	2.109	0.0
74	4514	4515	SN	1	0.0	24.691	9.539	0.0	28.055	9.984	0.0	275.061	3.888	0.0	68.833	4.049	0.0	1.892	0.0	0.0	1.955	0.0	0.0	2.063	0.0	0.0	2.106	0.0
75	4514	4515	NS	1	0.0	27.244	14.98	0.0	35.522	14.178	0.0	350.757	10.84	0.0	51.168	10.123	0.0	1.908	0.0	0.0	1.862	0.0	0.0	2.035	0.0	0.0	2.01	0.0
76	4514	4515	NS	1	0.0	110.686	8.14	0.0	25.755	8.2	0.0	355.412	2.068	0.0	37.359	1.783	0.0	1.901	0.0	0.0	1.856	0.0	0.0	2.032	0.0	0.0	2.009	0.0
77	4514	4515	NS	1	0.0	110.686	8.14	0.0	25.755	8.2	0.0	355.412	2.068	0.0	37.359	1.783	0.0	1.901	0.0	0.0	1.856	0.0	0.0	2.032	0.0	0.0	2.009	0.0
78	4514	4515	NS	1	0.0	27.244	14.98	0.0	35.522	14.178	0.0	350.757	10.84	0.0	51.168	10.123	0.0	1.908	0.0	0.0	1.862	0.0	0.0	2.035	0.0	0.0	2.01	0.0
79	4515	4516	NS	1	0.0	28.314	8.111	0.0	25.75	8.226	0.0	349.328	2.104	0.0	34.96	1.764	0.0	1.902	0.0	0.0	1.856	0.0	0.0	2.034	0.0	0.0	2.009	0.0
80	4515	4516	SN	1	0.0	32.478	15.674	0.0	27.288	14.144	0.0	351.148	13.851	0.0	77.993	13.139	0.0	1.9	0.0	0.0	1.936	0.0	0.0	2.071	0.0	0.0	2.11	0.0
81	4515	4516	SN	1	0.0	24.707	9.547	0.0	28.06	9.911	0.0	221.582	3.867	0.0	72.925	4.087	0.0	1.894	0.0	0.0	1.956	0.0	0.0	2.064	0.0	0.0	2.107	0.0
82	4515	4516	NS	1	0.0	27.228	15.011	0.0	32.081	14.109	0.0	357.535	10.809	0.0	51.427	10.026	0.0	1.911	0.0	0.0	1.859	0.0	0.0	2.036	0.0	0.0	2.01	0.0
83	4515	4516	NS	1	0.0	28.314	8.111	0.0	25.75	8.226	0.0	349.328	2.104	0.0	34.96	1.764	0.0	1.902	0.0	0.0	1.856	0.0	0.0	2.034	0.0	0.0	2.009	0.0
84	4515	4516	NS	1	0.0	27.228	15.011	0.0	32.081	14.109	0.0	357.535	10.809	0.0	51.427	10.026	0.0	1.911	0.0	0.0	1.859	0.0	0.0	2.036	0.0	0.0	2.01	0.0
85	4516	4517	NS	1	0.0	28.364	8.098	0.0	25.755	8.225	0.0	349.698	2.085	0.0	35.23	1.762	0.0	1.901	0.0	0.0	1.856	0.0	0.0	2.031	0.0	0.0	2.009	0.0
86	4516	4517	SN	1	0.0	24.702	9.538	0.0	28.011	10.011	0.0	208.941	3.89	0.0	74.072	4.075	0.0	1.89	0.0	0.0	1.957	0.0	0.0	2.065	0.0	0.0	2.107	0.0
87	4516	4517	SN	1	0.0	36.675	15.694	0.0	27.266	14.114	0.0	166.873	13.845	0.0	78.793	13.146	0.0	1.895	0.0	0.0	1.936	0.0	0.0	2.07	0.0	0.0	2.111	0.0
88	4516	4517	NS	1	0.0	27.233	14.989	0.0	32.075	14.171	0.0	357.601	10.737	0.0	51.852	10.026	0.0	1.91	0.0	0.0	1.858	0.0	0.0	2.038	0.0	0.0	2.01	0.0
89	4517	4518	NS	1	0.0	28.43	8.123	0.0	27.04	8.226	0.0	313.613	2.097	0.0	35.213	1.771	0.0	1.901	0.0	0.0	1.857	0.0	0.0	2.033	0.0	0.0	2.009	0.0
90	4517	4518	SN	1	0.0	24.713	9.538	0.0	27.994	10.009	0.0	228.856	3.9	0.0	67.073	4.075	0.0	1.894	0.0	0.0	1.956	0.0	0.0	2.065	0.0	0.0	2.106	0.0
91	4517	4518	NS	1	0.0	27.239	15.119	0.0	30.972	13.854	0.0	357.662	11.005	0.0	16.859	9.802	0.0	1.91	0.0	0.0	1.861	0.0	0.0	2.039	0.0	0.0	2.01	0.0
92	4517	4518	NS	1	0.0	27.239	15.001	0.0	32.092	14.143	0.0	357.662	10.831	0.0	35.412	10.103	0.0	1.91	0.0	0.0	1.861	0.0	0.0	2.039	0.0	0.0	2.01	0.0
93	4517	4518	NS	1	0.0	28.43	8.177	0.0	27.04	8.206	0.0	313.613	2.139	0.0	11.565	1.667	0.0	1.901	0.0	0.0	1.857	0.0	0.0	2.033	0.0	0.0	2.009	0.0
94	4517	4518	SN	1	0.0	32.814	15.684	0.0	27.294	14.053	0.0	99.248	13.801	0.0	93.747	13.16	0.0	1.896	0.0	0.0	1.935	0.0	0.0	2.068	0.0	0.0	2.111	0.0
95	4518	4519	NS	1	0.0	27.228	15.316	0.0	30.978	13.615	0.0	343.604	11.263	0.0	13.385	9.553	0.0	1.91	0.0	0.0	1.865	0.0	0.0	2.036	0.0	0.0	2.009	0.0
96	4518	4519	NS	1	0.0	28.336	8.33	0.0	25.761	8.236	0.0	328.526	2.225	0.0	11.593	1.703	0.0	1.901	0.0	0.0	1.856	0.0	0.0	2.031	0.0	0.0	2.009	0.0
97	4518	4519	SN	1	0.0	32.329	15.76	0.0	27.272	14.081	0.0	153.014	13.81	0.0	65.281	13.134	0.0	1.898	0.0	0.0	1.938	0.0	0.0	2.068	0.0	0.0	2.093	0.0
98	4518	4519	SN	1	0.0	24.702	9.527	0.0	28.005	10.031	0.0	264.626	3.892	0.0	68.551	4.078	0.0	1.892	0.0	0.0	1.955	0.0	0.0	2.064	0.0	0.0	2.103	0.0
99	4518	4519	NS	1	0.0	27.228	14.989	0.0	32.053	14.161	0.0	343.604	10.802	0.0	53.523	10.132	0.0	1.91	0.0	0.0	1.865	0.0	0.0	2.036	0.0	0.0	2.009	0.0
100	4518	4519	NS	1	0.0	28.336	8.139	0.0	25.761	8.268	0.0	328.526	2.112	0.0	52.409	1.769	0.0	1.901	0.0	0.0	1.856	0.0	0.0	2.031	0.0	0.0	2.009	0.0
101	4519	4520	NS	1	0.0	28.331	8.599	0.0	25.766	8.371	0.0	316.349	2.352	0.0	11.593	1.776	0.0	1.902	0.0	0.0	1.861	0.0	0.0	2.032	0.0	0.0	2.009	0.0
102	4519	4520	NS	1	0.0	27.244	15.526	0.0	30.983	13.479	0.0	343.317	11.864	0.0	13.44	9.484	0.0	1.911	0.0	0.0	1.867	0.0	0.0	2.037	0.0	0.0	2.01	0.0
103	4521	4522	SN	1	0.0	32.368	15.817	0.0	27.283	14.127	0.0	191.475	13.808	0.0	66.29	13.217	0.0	1.894	0.0	0.0	1.934	0.0	0.0	2.063	0.0	0.0	2.122	0.0
104	4521	4522	NS	1	0.0	27.239	14.96	0.0	32.141	14.172	0.0	356.106	10.74	0.0	47.357	10.169	0.0	1.907	0.0	0.0	1.866	0.0	0.0	2.035	0.0	0.0	2.01	0.0
105	4521	4522	SN	1	0.0	32.368	15.799	0.0	27.272	13.874	0.0	191.475	14.005	0.0	16.71	12.801	0.0	1.894	0.0	0.0	1.934	0.0	0.0	2.063	0.0	0.0	2.122	0.0

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

106	4521	4522	SN	1	0.0	24.702	9.531	0.0	28.099	9.954	0.0	184.548	3.885	0.0	269.595	4.065	0.0	1.892	0.0	0.0	1.961	0.0	0.0	2.061	0.0	0.0	2.106	0.0
107	4521	4522	SN	1	0.0	24.702	9.526	0.0	28.099	10.002	0.0	184.548	3.885	0.0	269.595	4.11	0.0	1.892	0.0	0.0	1.961	0.0	0.0	2.061	0.0	0.0	2.106	0.0
108	4521	4522	NS	1	0.0	28.369	8.119	0.0	25.772	8.279	0.0	353.167	2.113	0.0	45.493	1.756	0.0	1.901	0.0	0.0	1.858	0.0	0.0	2.029	0.0	0.0	2.009	0.0
109	4521	4522	SN	1	0.0	24.702	9.585	0.0	25.788	9.961	0.0	184.548	3.944	0.0	14.229	3.928	0.0	1.892	0.0	0.0	1.961	0.0	0.0	2.061	0.0	0.0	2.106	0.0
110	4521	4522	SN	1	0.0	30.112	15.78	0.0	27.283	14.169	0.0	191.475	13.808	0.0	66.29	13.339	0.0	1.894	0.0	0.0	1.934	0.0	0.0	2.063	0.0	0.0	2.122	0.0
111	4522	4523	SN	1	0.0	24.718	9.558	0.0	28.11	10.009	0.0	174.042	3.886	0.0	83.668	4.124	0.0	1.89	0.0	0.0	1.961	0.0	0.0	2.058	0.0	0.0	2.107	0.0
112	4522	4523	NS	1	0.0	27.228	14.989	0.0	32.186	14.141	0.0	357.215	10.728	0.0	47.821	10.091	0.0	1.91	0.0	0.0	1.867	0.0	0.0	2.034	0.0	0.0	2.009	0.0
113	4522	4523	NS	1	0.0	27.222	15.038	0.0	32.186	14.133	0.0	349.852	10.714	0.0	44.666	10.064	0.0	1.908	0.0	0.0	1.865	0.0	0.0	2.035	0.0	0.0	2.01	0.0
114	4522	4523	SN	1	0.0	34.949	15.756	0.0	27.277	13.977	0.0	194.249	13.966	0.0	20.571	12.942	0.0	1.894	0.0	0.0	1.935	0.0	0.0	2.062	0.0	0.0	2.114	0.0
115	4522	4523	SN	1	0.0	34.949	15.756	0.0	27.277	13.977	0.0	194.249	13.966	0.0	20.571	12.942	0.0	1.894	0.0	0.0	1.935	0.0	0.0	2.062	0.0	0.0	2.114	0.0
116	4522	4523	SN	1	0.0	30.139	15.72	0.0	27.277	14.159	0.0	194.249	13.85	0.0	67.255	13.296	0.0	1.894	0.0	0.0	1.935	0.0	0.0	2.062	0.0	0.0	2.114	0.0
117	4522	4523	NS	1	0.0	28.375	8.092	0.0	25.755	8.233	0.0	353.674	2.079	0.0	45.962	1.773	0.0	1.901	0.0	0.0	1.856	0.0	0.0	2.031	0.0	0.0	2.009	0.0
118	4522	4523	NS	1	0.0	28.347	8.105	0.0	25.755	8.243	0.0	340.201	2.078	0.0	33.597	1.763	0.0	1.902	0.0	0.0	1.856	0.0	0.0	2.032	0.0	0.0	2.009	0.0
119	4522	4523	SN	1	0.0	24.718	9.592	0.0	26.908	9.96	0.0	174.042	3.922	0.0	14.256	3.988	0.0	1.89	0.0	0.0	1.961	0.0	0.0	2.058	0.0	0.0	2.107	0.0
120	4522	4523	SN	1	0.0	24.718	9.592	0.0	26.908	9.96	0.0	174.042	3.922	0.0	14.256	3.988	0.0	1.89	0.0	0.0	1.961	0.0	0.0	2.058	0.0	0.0	2.107	0.0
121	4523	4524	NS	1	0.0	27.239	15.007	0.0	32.197	14.143	0.0	350.101	10.74	0.0	45.069	9.986	0.0	1.909	0.0	0.0	1.864	0.0	0.0	2.035	0.0	0.0	2.01	0.0
122	4523	4524	NS	1	0.0	28.303	8.085	0.0	25.75	8.211	0.0	341.288	2.066	0.0	38.467	1.758	0.0	1.901	0.0	0.0	1.855	0.0	0.0	2.03	0.0	0.0	2.008	0.0
123	4523	4524	SN	1	0.0	24.713	9.549	0.0	28.022	10.072	0.0	167.634	3.932	0.0	142.676	4.162	0.0	1.891	0.0	0.0	1.96	0.0	0.0	2.059	0.0	0.0	2.109	0.0
124	4523	4524	SN	1	0.0	24.713	9.592	0.0	26.505	10.019	0.0	167.634	3.981	0.0	14.273	4.006	0.0	1.891	0.0	0.0	1.96	0.0	0.0	2.059	0.0	0.0	2.109	0.0
125	4523	4524	SN	1	0.0	32.274	15.77	0.0	27.272	14.037	0.0	203.465	13.866	0.0	63.114	13.144	0.0	1.9	0.0	0.0	1.957	0.0	0.0	2.067	0.0	0.0	2.098	0.0
126	4523	4524	NS	1	0.0	28.303	8.085	0.0	25.75	8.211	0.0	341.288	2.066	0.0	38.467	1.758	0.0	1.901	0.0	0.0	1.855	0.0	0.0	2.03	0.0	0.0	2.008	0.0
127	4523	4524	NS	1	0.0	27.239	15.007	0.0	32.197	14.143	0.0	350.101	10.74	0.0	45.069	9.986	0.0	1.909	0.0	0.0	1.864	0.0	0.0	2.035	0.0	0.0	2.01	0.0
128	4523	4524	SN	1	0.0	32.274	15.777	0.0	27.272	13.902	0.0	203.465	14.012	0.0	18.635	12.886	0.0	1.9	0.0	0.0	1.957	0.0	0.0	2.067	0.0	0.0	2.098	0.0
129	4523	4524	SN	1	0.0	24.713	9.554	0.0	28.022	10.019	0.0	167.634	3.932	0.0	142.676	4.115	0.0	1.891	0.0	0.0	1.96	0.0	0.0	2.059	0.0	0.0	2.109	0.0
130	4523	4524	SN	1	0.0	30.139	15.735	0.0	27.272	14.062	0.0	203.465	13.866	0.0	63.114	13.263	0.0	1.9	0.0	0.0	1.957	0.0	0.0	2.067	0.0	0.0	2.098	0.0
131	4524	4525	SN	1	0.0	24.729	9.585	0.0	25.579	10.034	0.0	213.111	4.004	0.0	14.267	4.012	0.0	1.891	0.0	0.0	1.957	0.0	0.0	2.059	0.0	0.0	2.119	0.0
132	4524	4525	NS	1	0.0	28.413	8.071	0.0	25.755	8.195	0.0	350.305	2.075	0.0	40.855	1.737	0.0	1.9	0.0	0.0	1.856	0.0	0.0	2.031	0.0	0.0	2.008	0.0
133	4524	4525	NS	1	0.0	28.253	8.068	0.0	25.755	8.211	0.0	356.266	2.084	0.0	33.393	1.739	0.0	1.901	0.0	0.0	1.856	0.0	0.0	2.032	0.0	0.0	2.009	0.0
134	4524	4525	SN	1	0.0	24.729	9.52	0.0	28.066	10.092	0.0	213.111	3.931	0.0	148.897	4.189	0.0	1.891	0.0	0.0	1.957	0.0	0.0	2.059	0.0	0.0	2.119	0.0
135	4524	4525	SN	1	0.0	30.134	15.795	0.0	27.25	14.074	0.0	226.319	13.916	0.0	64.503	13.27	0.0	1.898	0.0	0.0	1.94	0.0	0.0	2.064	0.0	0.0	2.097	0.0
136	4524	4525	NS	1	0.0	27.239	15.005	0.0	32.191	14.154	0.0	356.266	10.732	0.0	51.389	9.971	0.0	1.912	0.0	0.0	1.863	0.0	0.0	2.035	0.0	0.0	2.009	0.0
137	4524	4525	SN	1	0.0	32.241	15.831	0.0	27.25	14.049	0.0	226.319	13.916	0.0	64.503	13.151	0.0	1.898	0.0	0.0	1.94	0.0	0.0	2.064	0.0	0.0	2.097	0.0
138	4524	4525	SN	1	0.0	24.729	9.525	0.0	28.066	10.037	0.0	213.111	3.931	0.0	148.897	4.142	0.0	1.891	0.0	0.0	1.957	0.0	0.0	2.059	0.0	0.0	2.119	0.0
139	4524	4525	SN	1	0.0	32.241	15.831	0.0	27.25	13.819	0.0	226.319	14.145	0.0	16.198	12.729	0.0	1.898	0.0	0.0	1.94	0.0	0.0	2.064	0.0	0.0	2.097	0.0
140	4524	4525	NS	1	0.0	27.233	14.99	0.0	31.948	14.099	0.0	356.266	10.764	0.0	49.359	9.968	0.0	1.912	0.0	0.0	1.863	0.0	0.0	2.035	0.0	0.0	2.009	0.0
141	4525	4526	NS	1	0.0	28.43	8.061	0.0	25.75	8.21	0.0	350.569	2.082	0.0	41.66	1.737	0.0	1.901	0.0	0.0	1.856	0.0	0.0	2.03	0.0	0.0	2.008	0.0
142	4525	4526	NS	1	0.0	28.278	8.075	0.0	25.755	8.208	0.0	355.235	2.095	0.0	33.939	1.737	0.0	1.901	0.0	0.0	1.854	0.0	0.0	2.03	0.0	0.0	2.009	0.0

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

143	4525	4526	NS	1	0.0	27.244	14.962	0.0	32.224	14.142	0.0	356.741	10.787	0.0	51.494	10.042	0.0	1.91	0.0	0.0	1.865	0.0	0.0	2.036	0.0	0.0	2.008	0.0
144	4525	4526	SN	1	0.0	32.213	15.819	0.0	27.255	13.747	0.0	139.739	14.224	0.0	14.879	12.557	0.0	1.897	0.0	0.0	1.942	0.0	0.0	2.068	0.0	0.0	2.08	0.0
145	4525	4526	SN	1	0.0	29.941	15.766	0.0	27.255	14.073	0.0	139.739	13.899	0.0	70.796	13.27	0.0	1.897	0.0	0.0	1.942	0.0	0.0	2.068	0.0	0.0	2.08	0.0
146	4525	4526	SN	1	0.0	32.213	15.802	0.0	27.255	14.058	0.0	139.739	13.899	0.0	70.664	13.15	0.0	1.897	0.0	0.0	1.942	0.0	0.0	2.068	0.0	0.0	2.08	0.0
147	4525	4526	NS	1	0.0	27.239	14.989	0.0	31.97	14.118	0.0	350.636	10.798	0.0	50.005	10.06	0.0	1.911	0.0	0.0	1.866	0.0	0.0	2.036	0.0	0.0	2.008	0.0
148	4525	4526	SN	1	0.0	24.713	9.612	0.0	25.761	9.959	0.0	191.608	4.052	0.0	14.289	3.977	0.0	1.891	0.0	0.0	1.959	0.0	0.0	2.063	0.0	0.0	2.114	0.0
149	4525	4526	SN	1	0.0	24.713	9.514	0.0	28.022	10.036	0.0	191.608	3.949	0.0	74.215	4.158	0.0	1.891	0.0	0.0	1.959	0.0	0.0	2.063	0.0	0.0	2.114	0.0
150	4525	4526	SN	1	0.0	24.713	9.519	0.0	28.022	9.984	0.0	191.608	3.949	0.0	74.044	4.113	0.0	1.891	0.0	0.0	1.959	0.0	0.0	2.063	0.0	0.0	2.114	0.0
151	4526	4527	SN	1	0.0	24.702	9.701	0.0	25.716	9.872	0.0	218.99	4.112	0.0	14.262	3.973	0.0	1.891	0.0	0.0	1.957	0.0	0.0	2.063	0.0	0.0	2.107	0.0
152	4526	4527	SN	1	0.0	24.702	9.552	0.0	28.093	9.997	0.0	218.99	3.954	0.0	156.921	4.168	0.0	1.891	0.0	0.0	1.957	0.0	0.0	2.063	0.0	0.0	2.107	0.0
153	4526	4527	SN	1	0.0	31.447	15.866	0.0	27.183	13.619	0.0	166.018	14.392	0.0	14.67	12.54	0.0	1.898	0.0	0.0	1.965	0.0	0.0	2.064	0.0	0.0	2.123	0.0
154	4526	4527	SN	1	0.0	30.366	15.771	0.0	27.288	14.137	0.0	166.018	13.943	0.0	52.062	13.338	0.0	1.898	0.0	0.0	1.965	0.0	0.0	2.064	0.0	0.0	2.123	0.0
155	4526	4527	SN	1	0.0	32.401	15.807	0.0	27.288	14.092	0.0	166.184	13.943	0.0	52.067	13.225	0.0	1.898	0.0	0.0	1.965	0.0	0.0	2.064	0.0	0.0	2.123	0.0
156	4526	4527	SN	1	0.0	24.702	9.563	0.0	28.049	9.942	0.0	218.99	3.954	0.0	156.921	4.122	0.0	1.891	0.0	0.0	1.957	0.0	0.0	2.063	0.0	0.0	2.107	0.0
157	4526	4527	NS	1	0.0	28.231	8.085	0.0	25.75	8.253	0.0	355.417	2.117	0.0	36.939	1.746	0.0	1.901	0.0	0.0	1.855	0.0	0.0	2.031	0.0	0.0	2.009	0.0
158	4526	4527	NS	1	0.0	28.364	8.075	0.0	25.75	8.255	0.0	338.039	2.102	0.0	34.469	1.743	0.0	1.901	0.0	0.0	1.856	0.0	0.0	2.031	0.0	0.0	2.008	0.0
159	4526	4527	NS	1	0.0	27.222	15.005	0.0	31.904	14.089	0.0	350.851	10.752	0.0	50.732	10.067	0.0	1.91	0.0	0.0	1.866	0.0	0.0	2.035	0.0	0.0	2.009	0.0
160	4526	4527	NS	1	0.0	27.222	14.952	0.0	31.904	14.125	0.0	357.634	10.77	0.0	49.916	9.998	0.0	1.91	0.0	0.0	1.866	0.0	0.0	2.035	0.0	0.0	2.009	0.0
161	4527	4528	NS	1	0.0	27.244	15.007	0.0	32.015	14.161	0.0	353.305	10.688	0.0	51.841	10.152	0.0	1.909	0.0	0.0	1.869	0.0	0.0	2.034	0.0	0.0	2.01	0.0
162	4527	4528	SN	1	0.0	30.255	15.83	0.0	27.288	14.126	0.0	152.109	13.907	0.0	79.325	13.395	0.0	1.897	0.0	0.0	1.955	0.0	0.0	2.064	0.0	0.0	2.117	0.0
163	4527	4528	NS	1	0.0	27.244	14.963	0.0	31.954	14.146	0.0	357.618	10.685	0.0	51.025	10.041	0.0	1.909	0.0	0.0	1.867	0.0	0.0	2.034	0.0	0.0	2.008	0.0
164	4527	4528	SN	1	0.0	24.707	9.543	0.0	28.11	9.96	0.0	213.629	3.962	0.0	168.034	4.13	0.0	1.891	0.0	0.0	1.957	0.0	0.0	2.064	0.0	0.0	2.113	0.0
165	4527	4528	SN	1	0.0	32.29	15.986	0.0	25.617	13.441	0.0	152.109	14.519	0.0	14.642	12.421	0.0	1.897	0.0	0.0	1.955	0.0	0.0	2.064	0.0	0.0	2.117	0.0
166	4527	4528	SN	1	0.0	24.707	9.747	0.0	25.474	9.804	0.0	213.629	4.191	0.0	14.256	3.94	0.0	1.891	0.0	0.0	1.957	0.0	0.0	2.064	0.0	0.0	2.113	0.0
167	4527	4528	SN	1	0.0	24.707	9.55	0.0	28.11	9.906	0.0	213.629	3.962	0.0	168.034	4.084	0.0	1.891	0.0	0.0	1.957	0.0	0.0	2.064	0.0	0.0	2.113	0.0
168	4527	4528	SN	1	0.0	32.29	15.866	0.0	27.288	14.082	0.0	152.109	13.907	0.0	79.325	13.282	0.0	1.897	0.0	0.0	1.955	0.0	0.0	2.064	0.0	0.0	2.117	0.0
169	4527	4528	NS	1	0.0	28.314	8.122	0.0	25.766	8.24	0.0	356.327	2.096	0.0	37.816	1.758	0.0	1.9	0.0	0.0	1.86	0.0	0.0	2.033	0.0	0.0	2.008	0.0
170	4527	4528	NS	1	0.0	28.353	8.102	0.0	25.761	8.257	0.0	349.306	2.1	0.0	35.219	1.757	0.0	1.901	0.0	0.0	1.858	0.0	0.0	2.033	0.0	0.0	2.008	0.0
171	4528	4529	NS	1	0.0	28.328	8.106	0.0	25.766	8.239	0.0	349.902	2.105	0.0	49.039	1.765	0.0	1.9	0.0	0.0	1.858	0.0	0.0	2.03	0.0	0.0	2.009	0.0
172	4528	4529	NS	1	0.0	28.328	8.096	0.0	25.766	8.261	0.0	350.084	2.111	0.0	35.864	1.775	0.0	1.901	0.0	0.0	1.858	0.0	0.0	2.031	0.0	0.0	2.009	0.0
173	4528	4529	SN	1	0.0	32.318	15.786	0.0	27.283	14.117	0.0	350.382	13.823	0.0	69.654	13.317	0.0	1.892	0.0	0.0	1.945	0.0	0.0	2.069	0.0	0.0	2.117	0.0
174	4528	4529	SN	1	0.0	32.318	15.786	0.0	27.283	14.117	0.0	350.382	13.823	0.0	69.654	13.317	0.0	1.892	0.0	0.0	1.945	0.0	0.0	2.069	0.0	0.0	2.117	0.0
175	4528	4529	SN	1	0.0	24.724	9.554	0.0	28.077	9.88	0.0	196.483	3.925	0.0	65.915	4.016	0.0	1.891	0.0	0.0	1.958	0.0	0.0	2.064	0.0	0.0	2.113	0.0
176	4528	4529	SN	1	0.0	24.724	9.554	0.0	28.077	9.88	0.0	196.483	3.925	0.0	65.915	4.016	0.0	1.891	0.0	0.0	1.958	0.0	0.0	2.064	0.0	0.0	2.113	0.0
177	4528	4529	NS	1	0.0	27.244	14.95	0.0	32.004	14.184	0.0	353.432	10.671	0.0	51.874	10.14	0.0	1.909	0.0	0.0	1.866	0.0	0.0	2.035	0.0	0.0	2.009	0.0
178	4528	4529	NS	1	0.0	27.244	14.973	0.0	32.004	14.169	0.0	353.432	10.732	0.0	52.701	10.195	0.0	1.909	0.0	0.0	1.868	0.0	0.0	2.034	0.0	0.0	2.009	0.0
179	4529	4530	NS	1	0.0	28.424	8.088	0.0	25.766	8.249	0.0	315.841	2.101	0.0	36.239	1.744	0.0	1.901	0.0	0.0	1.857	0.0	0.0	2.028	0.0	0.0	2.009	0.0

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

180	4529	4530	SN	1	0.0	24.702	9.548	0.0	28.066	9.859	0.0	265.216	3.927	0.0	148.524	4.043	0.0	1.895	0.0	0.0	1.957	0.0	0.0	2.065	0.0	0.0	2.106	0.0
181	4529	4530	NS	1	0.0	27.233	14.99	0.0	32.031	14.163	0.0	351.479	10.692	0.0	52.381	10.061	0.0	1.909	0.0	0.0	1.864	0.0	0.0	2.035	0.0	0.0	2.01	0.0
182	4529	4530	SN	1	0.0	32.296	15.828	0.0	27.299	14.107	0.0	350.492	13.865	0.0	70.57	13.302	0.0	1.894	0.0	0.0	1.935	0.0	0.0	2.068	0.0	0.0	2.117	0.0
183	4530	4531	NS	1	0.0	27.233	15.002	0.0	32.02	14.195	0.0	349.681	10.574	0.0	35.925	10.006	0.0	1.908	0.0	0.0	1.866	0.0	0.0	2.034	0.0	0.0	2.01	0.0
184	4530	4531	NS	1	0.0	28.479	8.101	0.0	25.766	8.239	0.0	345.611	2.123	0.0	35.197	1.715	0.0	1.901	0.0	0.0	1.856	0.0	0.0	2.03	0.0	0.0	2.008	0.0

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