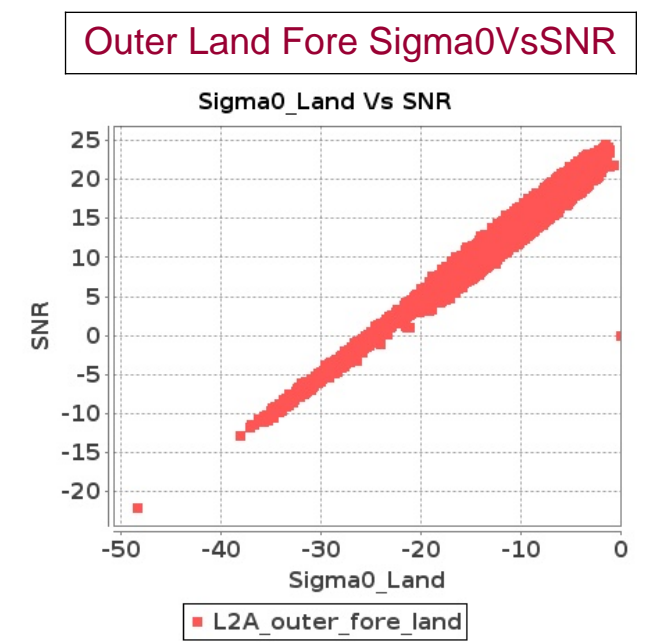
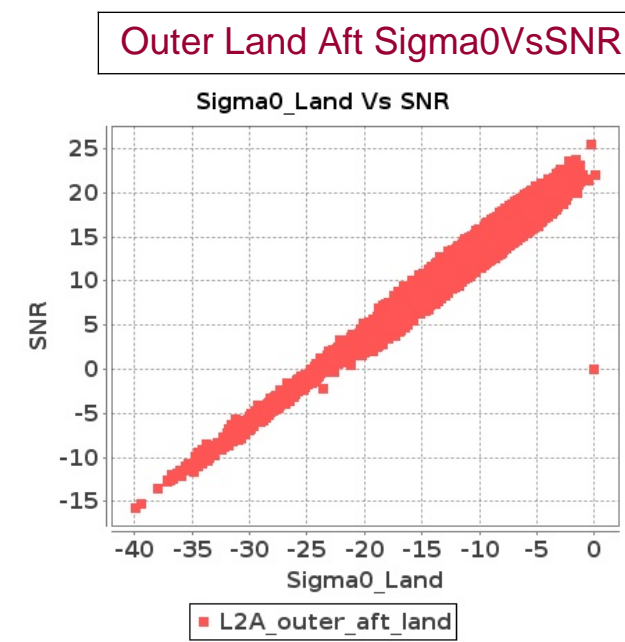
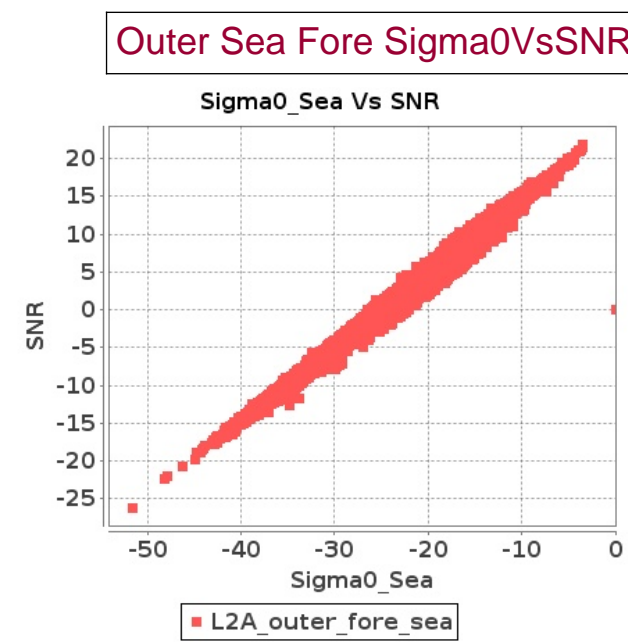
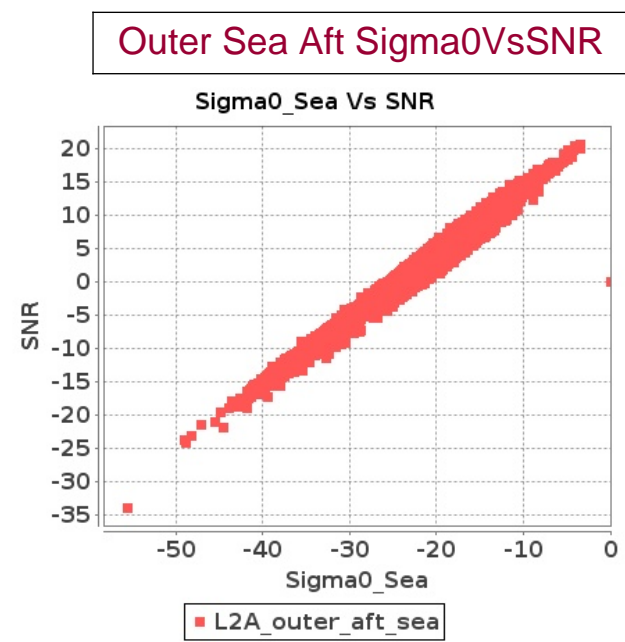
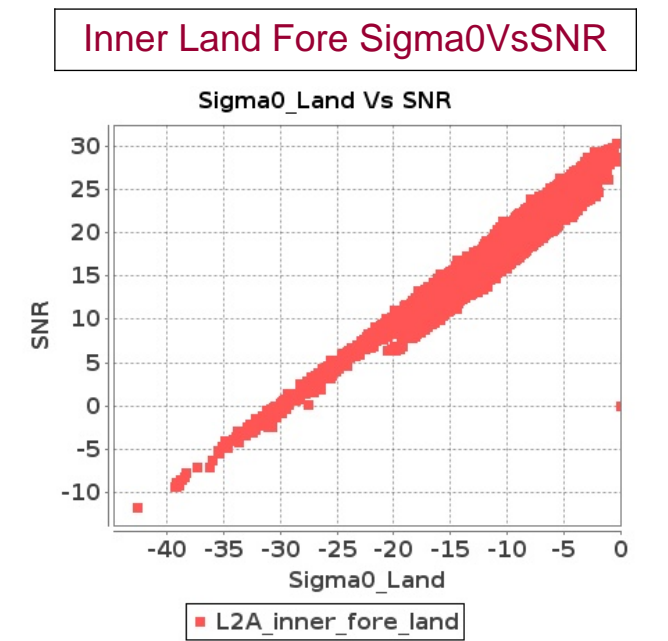
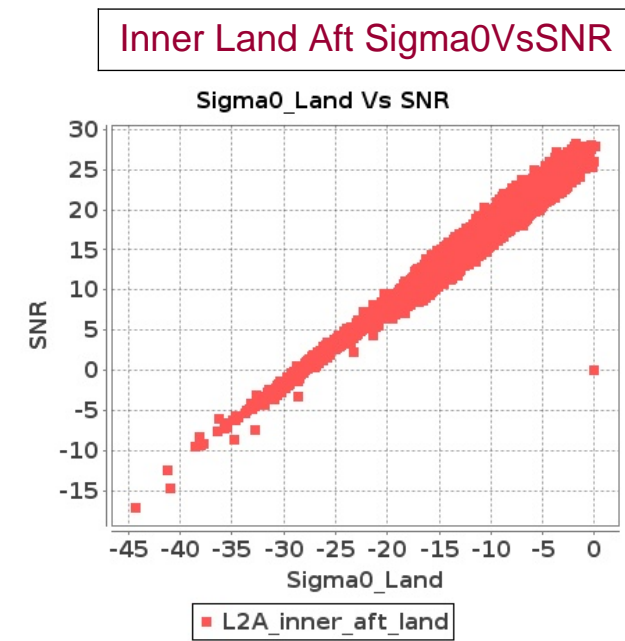
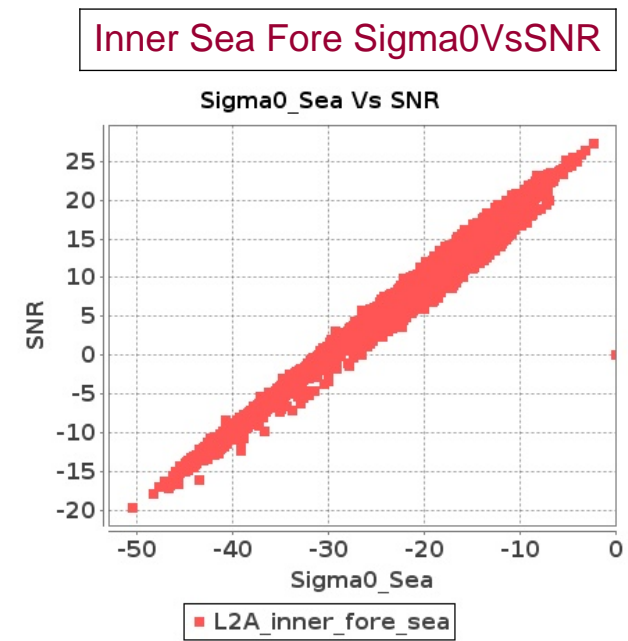
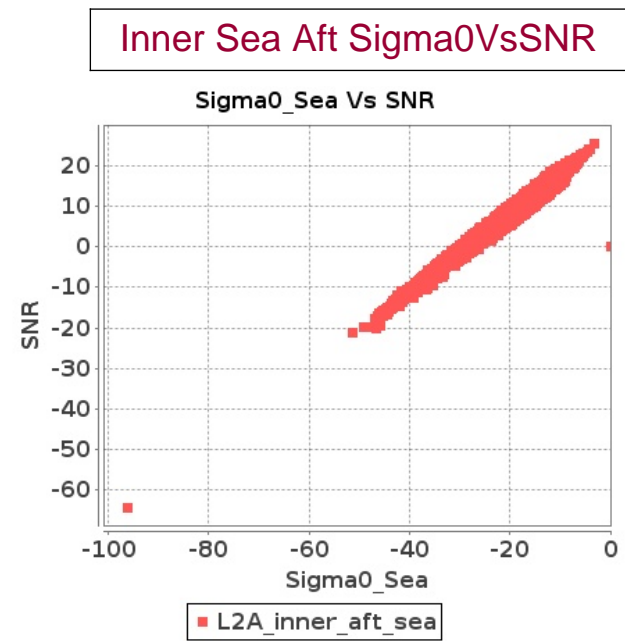


# SCATSAT-1 Scatterometer Level-2A Data Quality Cycle wise Report

Report between 01-AUG-2017 To 02-AUG-2017



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

Report between 01-AUG-2017 To 02-AUG-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	4477	4478	SN	1	0.0	48.85	2.399	0.0	52.16	2.068	0.0	42.977	1.49	0.0	39.877	1.344	0.0	47.911	2.138	0.0	54.219	1.955	0.0	41.312	1.386	0.0	40.41	1.218
2	4477	4478	SN	1	0.0	54.737	7.676	0.0	55.166	6.684	0.0	48.768	5.463	0.0	47.601	4.993	0.0	54.345	6.973	0.0	54.857	6.159	0.0	46.344	4.946	0.0	45.822	4.566
3	4478	4479	SN	1	0.0	44.328	1.932	0.0	47.696	1.922	0.0	41.24	1.526	0.0	39.291	1.698	0.0	44.874	1.761	0.0	45.731	1.736	0.0	39.58	1.447	0.0	38.937	1.503
4	4478	4479	SN	1	0.0	49.536	5.359	0.0	51.418	5.25	0.0	44.895	4.63	0.0	44.055	5.369	0.0	53.328	4.951	0.0	53.464	5.137	0.0	44.393	4.515	0.0	43.455	4.841
5	4478	4479	SN	1	0.0	44.328	1.961	0.0	47.696	1.949	0.0	41.24	1.53	0.0	39.291	1.723	0.0	44.874	1.788	0.0	45.731	1.761	0.0	39.58	1.444	0.0	38.937	1.524
6	4478	4479	NS	1	0.0	49.162	4.56	0.0	51.524	3.459	0.0	47.894	2.36	0.0	47.844	2.438	0.0	49.325	3.966	0.0	50.294	3.157	0.0	47.718	2.089	0.0	46.246	2.167
7	4478	4479	NS	1	0.0	48.808	1.307	0.0	42.928	1.06	0.0	41.636	0.739	0.0	43.774	0.658	0.0	46.44	1.058	0.0	39.817	0.911	0.0	41.287	0.594	0.0	42.254	0.56
8	4478	4479	NS	1	0.0	48.808	1.307	0.0	42.928	1.06	0.0	41.636	0.739	0.0	43.774	0.658	0.0	46.44	1.058	0.0	39.817	0.911	0.0	41.287	0.594	0.0	42.254	0.56
9	4478	4479	SN	1	0.0	49.536	5.279	0.0	51.418	5.171	0.0	44.895	4.602	0.0	44.055	5.287	0.0	53.328	4.877	0.0	53.464	5.06	0.0	44.393	4.516	0.0	43.455	4.767
10	4478	4479	NS	1	0.0	49.162	4.56	0.0	51.524	3.459	0.0	47.894	2.36	0.0	47.844	2.438	0.0	49.325	3.966	0.0	50.294	3.157	0.0	47.718	2.089	0.0	46.246	2.167
11	4479	4480	NS	1	0.0	48.757	3.401	0.0	47.986	2.555	0.0	47.663	2.102	0.0	41.255	2.331	0.0	47.247	2.777	0.0	46.393	2.002	0.0	44.26	1.675	0.0	39.025	1.846
12	4479	4480	SN	1	0.0	40.038	2.045	0.0	40.796	1.793	0.0	38.681	1.61	0.0	42.324	1.426	0.0	40.037	1.845	0.0	39.036	1.551	0.0	39.018	1.493	0.0	39.96	1.274
13	4479	4480	NS	1	0.0	47.382	1.014	0.0	52.035	0.897	0.0	39.619	0.681	0.0	38.401	0.717	0.0	42.715	0.795	0.0	50.676	0.671	0.0	38.258	0.518	0.0	40.937	0.543
14	4479	4480	SN	1	0.0	46.769	5.835	0.0	47.439	5.463	0.0	43.335	4.569	0.0	44.529	4.446	0.0	46.894	5.212	0.0	48.047	4.898	0.0	45.985	4.328	0.0	45.429	4.118
15	4480	4481	NS	1	0.0	41.534	3.17	0.0	46.299	2.434	0.0	39.673	2.252	0.0	45.024	2.495	0.0	40.754	2.546	0.0	44.961	1.981	0.0	39.292	2.031	0.0	47.75	2.01
16	4480	4481	NS	1	0.0	45.307	1.255	0.0	46.899	0.99	0.0	45.016	0.714	0.0	46.279	0.786	0.0	43.945	0.988	0.0	49.851	0.856	0.0	46.903	0.619	0.0	42.485	0.6
17	4480	4481	NS	1	0.0	43.477	1.275	0.0	45.097	0.963	0.0	38.526	0.722	0.0	40.657	0.806	0.0	45.772	1.003	0.0	44.4	0.8	0.0	37.219	0.6	0.0	37.782	0.675
18	4480	4481	NS	1	0.0	48.76	3.211	0.0	47.864	2.584	0.0	46.523	2.424	0.0	50.751	2.673	0.0	46.228	2.607	0.0	48.399	2.091	0.0	47.192	2.11	0.0	49.273	2.309
19	4480	4481	SN	1	0.0	47.044	8.843	0.0	47.654	8.574	0.0	37.905	6.188	0.0	46.025	6.936	0.0	46.691	8.248	0.0	47.82	7.834	0.0	37.395	6.283	0.0	46.252	6.515
20	4480	4481	SN	1	0.0	46.71	2.946	0.0	46.916	2.865	0.0	40.872	2.152	0.0	37.074	2.43	0.0	46.746	2.523	0.0	48.509	2.595	0.0	39.8	1.932	0.0	35.578	2.184
21	4480	4481	SN	1	0.0	46.71	2.925	0.0	46.916	2.817	0.0	40.872	2.117	0.0	37.074	2.387	0.0	46.746	2.497	0.0	48.509	2.55	0.0	39.8	1.899	0.0	35.578	2.144
22	4480	4481	SN	1	0.0	47.044	8.777	0.0	47.654	8.443	0.0	37.905	6.126	0.0	46.025	6.818	0.0	46.691	8.174	0.0	47.82	7.706	0.0	37.395	6.204	0.0	46.252	6.398
23	4481	4482	SN	1	0.0	48.976	9.639	0.0	43.451	7.249	0.0	42.623	7.191	0.0	44.591	5.944	0.0	48.296	8.523	0.0	44.061	6.683	0.0	41.282	6.703	0.0	43.277	5.788
24	4481	4482	SN	1	0.0	49.499	3.119	0.0	41.245	2.615	0.0	39.755	2.441	0.0	42.092	2.161	0.0	46.445	2.754	0.0	43.288	2.297	0.0	39.397	2.125	0.0	42.628	1.807
25	4481	4482	NS	1	0.0	45.836	3.561	0.0	50.587	3.316	0.0	41.258	3.099	0.0	43.511	2.85	0.0	46.951	3.229	0.0	49.718	2.894	0.0	41.223	2.785	0.0	42.88	2.608
26	4481	4482	NS	1	0.0	44.335	1.059	0.0	43.359	1.084	0.0	39.38	0.937	0.0	39.524	0.781	0.0	46.888	0.948	0.0	44.671	0.915	0.0	39.445	0.792	0.0	37.664	0.676
27	4482	4483	SN	1	0.0	46.145	3.411	0.0	44.318	3.6	0.0	41.02	2.417	0.0	39.51	2.789	0.0	45.445	3.201	0.0	40.984	3.342	0.0	41.841	2.332	0.0	37.492	2.51
28	4482	4483	SN	1	0.0	48.334	10.242	0.0	46.769	10.423	0.0	41.712	7.241	0.0	43.101	8.076	0.0	46.846	9.874	0.0	47.26	9.843	0.0	40.35	6.9	0.0	44.094	7.629
29	4482	4483	SN	1	0.0	46.145	3.36	0.0	44.994	3.445	0.0	41.02	2.372	0.0	39.51	2.666	0.0	45.445	3.135	0.0	41.422	3.195	0.0	41.841	2.284	0.0	37.492	2.399
30	4482	4483	SN	1	0.0	48.334	10.216	0.0	46.769	10.106	0.0	41.712	7.117	0.0	43.101	7.834	0.0	46.846	9.804	0.0	47.26	9.535	0.0	40.35	6.777	0.0	44.094	7.387
31	4482	4483	NS	1	0.0	49.278	7.215	0.0	55.166	6.186	0.0	40.717	5.253	0.0	44.496	4.855	0.0	49.017	6.41	0.0	54.996	5.361	0.0	42.065	4.733	0.0	47.822	4.455

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

32	4482	4483	NS	1	0.0	49.278	7.215	0.0	55.166	6.186	0.0	40.717	5.253	0.0	44.496	4.855	0.0	49.017	6.41	0.0	54.996	5.361	0.0	42.065	4.733	0.0	47.822	4.455
33	4482	4483	SN	1	0.0	48.334	10.211	0.0	46.769	9.998	0.0	41.712	7.114	0.0	43.101	7.745	0.0	46.846	9.789	0.0	47.26	9.432	0.0	40.35	6.774	0.0	44.094	7.304
34	4482	4483	NS	1	0.0	47.187	2.369	0.0	46.274	2.007	0.0	46.9	1.521	0.0	45.765	1.5	0.0	44.434	2.11	0.0	46.352	1.763	0.0	44.142	1.322	0.0	42.257	1.251
35	4482	4483	NS	1	0.0	47.187	2.369	0.0	46.274	2.007	0.0	46.9	1.521	0.0	45.765	1.5	0.0	44.434	2.11	0.0	46.352	1.763	0.0	44.142	1.322	0.0	42.257	1.251
36	4482	4483	SN	1	0.0	46.145	3.359	0.0	44.318	3.479	0.0	41.02	2.373	0.0	39.51	2.696	0.0	45.445	3.136	0.0	40.984	3.228	0.0	41.841	2.286	0.0	37.492	2.425
37	4483	4484	NS	1	0.0	47.816	2.927	0.0	45.042	2.522	0.0	42.671	1.999	0.0	41.808	1.762	0.0	49.745	2.68	0.0	48.724	2.246	0.0	41.884	1.802	0.0	40.833	1.52
38	4483	4484	SN	1	0.0	49.869	2.485	0.0	47.388	2.661	0.0	48.214	1.851	0.0	40.256	1.903	0.0	49.885	2.319	0.0	46.247	2.478	0.0	46.83	1.804	0.0	42.953	1.705
39	4483	4484	NS	1	0.0	53.116	8.874	0.0	57.12	7.658	0.0	45.421	6.434	0.0	44.762	5.683	0.0	51.577	8.572	0.0	57.551	7.065	0.0	43.414	5.857	0.0	44.798	5.155
40	4483	4484	SN	1	0.0	56.492	6.937	0.0	51.21	6.625	0.0	46.05	5.608	0.0	49.071	5.944	0.0	56.743	6.253	0.0	51.883	6.261	0.0	44.878	5.509	0.0	46.744	5.56
41	4483	4484	SN	1	0.0	49.869	2.486	0.0	47.388	2.634	0.0	48.214	1.848	0.0	40.256	1.878	0.0	49.885	2.321	0.0	46.247	2.453	0.0	46.83	1.798	0.0	42.953	1.686
42	4483	4484	SN	1	0.0	56.492	6.918	0.0	51.21	6.686	0.0	46.05	5.6	0.0	49.071	6.019	0.0	56.743	6.244	0.0	51.883	6.329	0.0	44.878	5.494	0.0	46.744	5.616
43	4483	4484	SN	1	0.0	49.869	2.615	0.0	47.388	2.79	0.0	48.214	1.949	0.0	40.256	1.976	0.0	49.885	2.449	0.0	46.247	2.604	0.0	46.83	1.9	0.0	42.953	1.779
44	4483	4484	NS	1	0.0	47.248	2.962	0.0	50.359	2.494	0.0	38.432	1.97	0.0	38.551	1.682	0.0	45.008	2.622	0.0	49.512	2.234	0.0	37.576	1.801	0.0	38.366	1.532
45	4483	4484	NS	1	0.0	53.116	9.048	0.0	55.918	7.986	0.0	45.059	6.073	0.0	44.012	5.796	0.0	52.59	8.514	0.0	55.245	7.604	0.0	44.23	5.759	0.0	45.018	5.197
46	4483	4484	SN	1	0.0	56.492	7.11	0.0	51.21	6.897	0.0	46.05	5.873	0.0	49.071	6.252	0.0	56.743	6.476	0.0	51.883	6.585	0.0	44.878	5.797	0.0	46.744	5.856
47	4484	4485	SN	1	0.0	48.008	2.134	0.0	48.571	2.268	0.0	39.558	1.25	0.0	41.678	1.463	0.0	45.817	1.762	0.0	48.781	1.962	0.0	40.309	1.08	0.0	39.926	1.146
48	4484	4485	SN	1	0.0	53.791	6.156	0.0	49.351	6.547	0.0	45.002	4.907	0.0	51.718	5.562	0.0	52.608	5.549	0.0	51.999	5.827	0.0	46.673	4.159	0.0	48.305	4.717
49	4484	4485	NS	1	0.0	48.285	7.606	0.0	48.37	6.815	0.0	44.489	4.995	0.0	42.679	4.881	0.0	49.569	7.073	0.0	49.224	6.372	0.0	42.265	4.76	0.0	40.316	4.71
50	4484	4485	NS	1	0.0	46.391	7.637	0.0	46.388	6.754	0.0	47.168	4.995	0.0	43.297	4.909	0.0	46.398	7.224	0.0	45.532	6.372	0.0	45.691	4.802	0.0	42.89	4.631
51	4484	4485	SN	1	0.0	53.791	5.931	0.0	49.351	6.453	0.0	45.002	4.614	0.0	51.718	5.452	0.0	52.608	5.328	0.0	51.999	5.779	0.0	46.673	3.898	0.0	48.305	4.667
52	4484	4485	SN	1	0.0	48.008	2.239	0.0	48.571	2.338	0.0	39.558	1.325	0.0	41.678	1.49	0.0	45.817	1.863	0.0	48.781	2.038	0.0	40.309	1.152	0.0	39.926	1.172
53	4484	4485	NS	1	0.0	52.562	2.443	0.0	43.545	1.954	0.0	38.084	1.54	0.0	41.102	1.574	0.0	50.255	2.25	0.0	43.927	1.854	0.0	37.853	1.485	0.0	44.277	1.446
54	4484	4485	NS	1	0.0	52.148	2.397	0.0	43.304	1.958	0.0	39.466	1.498	0.0	38.256	1.601	0.0	52.085	2.173	0.0	43.819	1.836	0.0	38.534	1.427	0.0	36.661	1.469
55	4485	4486	SN	1	0.0	52.573	4.885	0.0	50.364	4.191	0.0	49.55	2.885	0.0	51.45	2.948	0.0	54.391	4.191	0.0	50.019	3.554	0.0	46.914	2.672	0.0	50.079	2.621
56	4485	4486	SN	1	0.0	46.894	1.328	0.0	48.174	1.146	0.0	49.024	0.774	0.0	45.307	0.845	0.0	47.925	1.035	0.0	47.488	0.922	0.0	50.372	0.626	0.0	42.293	0.696
57	4485	4486	NS	1	0.0	51.738	8.944	0.0	48.543	7.948	0.0	46.46	6.869	0.0	46.557	6.505	0.0	50.65	8.843	0.0	49.066	7.607	0.0	46.585	6.584	0.0	45.375	6.484
58	4485	4486	NS	1	0.0	49.589	2.859	0.0	49.524	2.527	0.0	38.757	1.973	0.0	41.138	1.988	0.0	48.042	2.689	0.0	49.508	2.377	0.0	39.558	1.999	0.0	41.617	1.949
59	4486	4487	SN	1	0.0	47.801	6.242	0.0	51.507	5.797	0.0	42.691	3.849	0.0	47.187	4.144	0.0	48.899	5.9	0.0	51.855	5.302	0.0	45.341	3.572	0.0	46.032	3.866
60	4486	4487	NS	1	0.0	46.164	3.049	0.0	52.799	2.541	0.0	41.453	1.96	0.0	43.987	1.679	0.0	47.699	2.775	0.0	54.127	2.287	0.0	43.505	1.773	0.0	40.0	1.585
61	4486	4487	SN	1	0.0	49.688	1.893	0.0	51.996	1.715	0.0	39.195	1.183	0.0	42.352	1.328	0.0	48.881	1.688	0.0	48.987	1.525	0.0	40.521	1.077	0.0	39.316	1.211
62	4486	4487	NS	1	0.0	51.591	9.61	0.0	52.208	8.074	0.0	46.285	6.466	0.0	42.078	6.236	0.0	50.195	8.945	0.0	52.703	7.3	0.0	45.175	6.274	0.0	41.921	5.865
63	4487	4488	NS	1	0.0	46.311	6.903	0.0	49.68	6.123	0.0	43.214	5.292	0.0	40.739	5.181	0.0	46.689	6.289	0.0	52.289	5.55	0.0	41.02	5.142	0.0	41.859	5.081
64	4487	4488	NS	1	0.0	47.779	2.331	0.0	46.585	1.923	0.0	40.111	1.798	0.0	38.381	1.638	0.0	49.464	2.114	0.0	45.521	1.746	0.0	38.36	1.681	0.0	36.698	1.553
65	4487	4488	SN	1	0.0	44.909	2.021	0.0	51.0	1.934	0.0	43.395	1.34	0.0	41.8	1.305	0.0	43.707	1.787	0.0	54.379	1.636	0.0	45.103	1.216	0.0	38.947	1.104
66	4487	4488	SN	1	0.0	53.272	7.046	0.0	50.055	7.058	0.0	43.728	4.579	0.0	44.931	4.657	0.0	52.734	6.453	0.0	51.873	6.21	0.0	46.66	4.161	0.0	44.523	4.343
67	4488	4489	NS	1	0.0	53.37	6.641	0.0	45.408	6.536	0.0	42.119	5.933	0.0	40.903	6.022	0.0	54.57	6.249	0.0	48.985	6.104	0.0	40.926	5.683	0.0	41.68	5.559

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

68	4488	4489	NS	1	0.0	53.37	6.641	0.0	45.408	6.536	0.0	42.119	5.933	0.0	40.903	6.022	0.0	54.57	6.249	0.0	48.985	6.104	0.0	40.926	5.683	0.0	41.68	5.559
69	4488	4489	SN	1	0.0	50.404	6.752	0.0	50.644	6.201	0.0	48.619	5.621	0.0	48.231	5.578	0.0	51.033	6.029	0.0	50.596	5.696	0.0	46.285	5.181	0.0	51.658	4.951
70	4488	4489	NS	1	0.0	38.57	2.451	0.0	39.093	2.26	0.0	38.822	2.116	0.0	38.595	2.033	0.0	37.204	2.139	0.0	39.094	2.045	0.0	37.949	1.816	0.0	37.589	1.791
71	4488	4489	NS	1	0.0	38.57	2.451	0.0	39.093	2.26	0.0	38.822	2.116	0.0	38.595	2.033	0.0	37.204	2.139	0.0	39.094	2.045	0.0	37.949	1.816	0.0	37.589	1.791
72	4488	4489	SN	1	0.0	50.493	2.129	0.0	47.781	1.86	0.0	41.255	1.49	0.0	43.905	1.611	0.0	50.297	1.936	0.0	46.406	1.666	0.0	41.989	1.377	0.0	41.51	1.423
73	4489	4490	NS	1	0.0	41.945	2.559	0.0	42.787	2.023	0.0	40.477	2.106	0.0	43.864	1.785	0.0	41.484	2.166	0.0	43.788	1.774	0.0	37.0	1.94	0.0	39.429	1.642
74	4489	4490	NS	1	0.0	41.945	2.69	0.0	42.787	2.126	0.0	40.477	2.218	0.0	43.864	1.879	0.0	41.484	2.28	0.0	43.788	1.866	0.0	37.0	2.044	0.0	39.429	1.729
75	4489	4490	NS	1	0.0	44.107	7.882	0.0	43.542	6.392	0.0	43.786	6.472	0.0	43.808	5.658	0.0	46.488	7.012	0.0	42.736	5.863	0.0	44.202	6.09	0.0	41.298	5.268
76	4489	4490	SN	1	0.0	48.071	2.032	0.0	44.795	1.91	0.0	40.579	1.739	0.0	45.052	1.721	0.0	49.8	1.798	0.0	43.723	1.677	0.0	41.429	1.586	0.0	42.612	1.511
77	4489	4490	SN	1	0.0	46.494	5.296	0.0	47.488	5.019	0.0	46.059	5.578	0.0	44.141	4.944	0.0	46.404	4.763	0.0	49.475	4.615	0.0	44.196	4.975	0.0	43.867	4.595
78	4489	4490	NS	1	0.0	44.107	7.486	0.0	43.542	6.075	0.0	43.786	6.145	0.0	43.808	5.396	0.0	46.488	6.651	0.0	42.736	5.572	0.0	44.202	5.782	0.0	41.298	5.011
79	4490	4491	NS	1	0.0	45.986	3.21	0.0	47.589	2.581	0.0	40.641	2.442	0.0	45.582	2.307	0.0	43.17	2.914	0.0	46.328	2.328	0.0	38.198	2.308	0.0	41.974	2.102
80	4490	4491	NS	1	0.0	46.818	8.977	0.0	52.239	7.058	0.0	44.796	7.336	0.0	48.529	7.124	0.0	48.0	8.127	0.0	52.347	6.422	0.0	41.811	7.107	0.0	44.817	6.848
81	4492	4493	NS	1	0.0	52.224	2.451	0.0	49.914	2.084	0.0	47.479	1.378	0.0	45.643	1.363	0.0	51.114	2.084	0.0	48.831	1.826	0.0	48.741	1.185	0.0	43.749	1.109
82	4492	4493	NS	1	0.0	53.681	9.051	0.0	55.766	7.834	0.0	43.93	4.612	0.0	49.637	5.025	0.0	51.689	7.953	0.0	56.25	7.1	0.0	46.061	3.977	0.0	49.597	4.405
83	4492	4493	SN	1	0.0	52.983	2.517	0.0	50.896	2.295	0.0	45.494	1.454	0.0	40.666	1.446	0.0	51.43	2.249	0.0	54.463	2.087	0.0	40.759	1.353	0.0	40.678	1.263
84	4492	4493	SN	1	0.0	56.575	8.438	0.0	54.894	7.575	0.0	46.777	5.467	0.0	46.888	5.137	0.0	54.027	7.664	0.0	53.587	7.141	0.0	45.045	4.949	0.0	47.346	4.731
85	4493	4494	NS	1	0.0	51.128	1.143	0.0	39.546	0.879	0.0	40.367	0.681	0.0	40.494	0.694	0.0	51.457	0.84	0.0	39.316	0.7	0.0	41.594	0.514	0.0	39.657	0.507
86	4493	4494	SN	1	0.0	49.052	6.553	0.0	47.587	5.34	0.0	41.422	4.619	0.0	43.8	4.229	0.0	49.577	6.298	0.0	47.197	5.033	0.0	39.916	4.368	0.0	42.377	4.042
87	4493	4494	SN	1	0.0	49.482	1.954	0.0	46.404	1.721	0.0	42.403	1.363	0.0	40.417	1.426	0.0	47.403	1.866	0.0	44.503	1.593	0.0	40.769	1.278	0.0	40.246	1.276
88	4493	4494	NS	1	0.0	45.114	3.905	0.0	47.27	3.672	0.0	43.687	2.487	0.0	50.109	2.253	0.0	44.99	3.211	0.0	45.982	3.048	0.0	41.981	1.967	0.0	52.036	1.804
89	4493	4494	SN	1	0.0	49.052	6.439	0.0	47.587	5.335	0.0	42.448	4.588	0.0	43.8	4.193	0.0	49.577	6.228	0.0	47.197	5.028	0.0	38.814	4.347	0.0	42.377	4.013
90	4493	4494	SN	1	0.0	49.482	1.985	0.0	46.404	1.715	0.0	42.403	1.378	0.0	40.417	1.427	0.0	47.403	1.889	0.0	44.503	1.594	0.0	40.769	1.298	0.0	40.246	1.269
91	4494	4495	NS	1	0.0	41.186	5.464	0.0	49.363	4.536	0.0	39.568	3.499	0.0	41.209	3.485	0.0	42.416	4.941	0.0	50.865	4.103	0.0	38.923	3.442	0.0	42.0	3.05
92	4494	4495	SN	1	0.0	47.645	8.404	0.0	49.003	7.633	0.0	45.128	6.675	0.0	44.202	6.827	0.0	46.275	7.71	0.0	49.571	6.937	0.0	43.925	6.767	0.0	42.353	6.485
93	4494	4495	SN	1	0.0	45.087	2.917	0.0	46.639	2.699	0.0	41.461	2.431	0.0	40.76	2.399	0.0	45.328	2.678	0.0	45.869	2.428	0.0	42.589	2.259	0.0	36.672	2.19
94	4494	4495	NS	1	0.0	50.59	1.721	0.0	48.215	1.216	0.0	44.733	1.253	0.0	38.94	1.059	0.0	48.281	1.503	0.0	47.584	1.101	0.0	43.137	1.142	0.0	36.255	0.922
95	4495	4496	NS	1	0.0	50.701	5.888	0.0	48.961	5.22	0.0	43.904	4.112	0.0	44.086	3.728	0.0	52.493	5.294	0.0	46.801	4.496	0.0	42.22	3.799	0.0	45.32	3.4
96	4495	4496	NS	1	0.0	51.419	1.556	0.0	54.669	1.341	0.0	37.905	1.137	0.0	39.475	1.018	0.0	53.944	1.361	0.0	54.164	1.153	0.0	37.898	1.021	0.0	38.549	0.911
97	4495	4496	NS	1	0.0	54.618	5.927	0.0	56.537	5.025	0.0	45.336	3.932	0.0	48.344	3.798	0.0	55.054	5.192	0.0	55.24	4.563	0.0	42.979	3.683	0.0	45.556	3.463
98	4495	4496	NS	1	0.0	53.096	1.56	0.0	48.135	1.327	0.0	46.087	1.197	0.0	40.847	1.08	0.0	53.313	1.385	0.0	48.82	1.121	0.0	50.126	1.085	0.0	39.837	0.987
99	4495	4496	SN	1	0.0	46.257	8.351	0.0	46.822	7.915	0.0	42.218	6.583	0.0	40.275	6.291	0.0	44.718	7.908	0.0	50.215	7.552	0.0	44.539	6.35	0.0	38.567	6.057
100	4495	4496	SN	1	0.0	42.413	3.037	0.0	40.276	2.648	0.0	38.734	2.257	0.0	39.235	2.27	0.0	40.097	2.847	0.0	40.864	2.446	0.0	35.708	2.126	0.0	36.881	2.023
101	4495	4496	SN	1	0.0	46.257	8.525	0.0	46.822	7.848	0.0	42.222	6.578	0.0	40.275	6.229	0.0	44.718	8.083	0.0	50.215	7.464	0.0	44.542	6.351	0.0	38.567	5.98
102	4495	4496	SN	1	0.0	42.413	3.024	0.0	40.276	2.631	0.0	38.734	2.233	0.0	39.235	2.256	0.0	40.097	2.839	0.0	40.796	2.424	0.0	35.708	2.106	0.0	36.881	2.019
103	4495	4496	SN	1	0.0	42.413	3.033	0.0	40.276	2.602	0.0	38.734	2.237	0.0	39.235	2.231	0.0	40.097	2.839	0.0	40.796	2.397	0.0	35.708	2.108	0.0	36.881	1.997

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

104	4495	4496	SN	1	0.0	46.257	8.527	0.0	46.822	7.933	0.0	42.222	6.592	0.0	40.275	6.3	0.0	44.718	8.084	0.0	50.215	7.545	0.0	44.542	6.344	0.0	38.567	6.048
105	4496	4497	SN	1	0.0	47.239	7.628	0.0	43.273	7.234	0.0	38.802	5.479	0.0	41.548	5.85	0.0	45.163	7.169	0.0	45.653	6.585	0.0	40.122	5.184	0.0	40.819	5.2
106	4496	4497	NS	1	0.0	47.637	6.389	0.0	50.284	5.941	0.0	44.029	5.564	0.0	50.086	6.014	0.0	48.82	5.936	0.0	50.703	5.569	0.0	43.786	5.436	0.0	52.435	5.6
107	4496	4497	NS	1	0.0	48.036	6.369	0.0	48.497	5.81	0.0	47.219	5.521	0.0	49.02	6.049	0.0	48.673	5.946	0.0	48.341	5.428	0.0	46.888	5.464	0.0	49.25	5.529
108	4496	4497	SN	1	0.0	47.239	7.832	0.0	43.273	7.21	0.0	38.802	5.6	0.0	41.548	5.769	0.0	45.163	7.239	0.0	45.653	6.567	0.0	40.122	5.274	0.0	40.819	5.113
109	4496	4497	SN	1	0.0	43.522	7.821	0.0	45.293	7.111	0.0	37.922	5.43	0.0	40.138	5.69	0.0	41.113	7.228	0.0	47.949	6.566	0.0	38.74	5.153	0.0	39.389	5.035
110	4496	4497	SN	1	0.0	44.014	2.436	0.0	40.341	2.217	0.0	39.195	1.967	0.0	43.477	1.953	0.0	43.359	2.235	0.0	41.706	1.975	0.0	39.783	1.792	0.0	41.311	1.71
111	4496	4497	NS	1	0.0	47.343	2.246	0.0	45.321	2.146	0.0	40.374	1.588	0.0	46.792	1.65	0.0	43.288	2.153	0.0	48.1	1.886	0.0	42.693	1.487	0.0	44.927	1.499
112	4496	4497	NS	1	0.0	46.644	2.28	0.0	49.643	2.135	0.0	48.831	1.606	0.0	41.832	1.675	0.0	42.689	2.144	0.0	47.231	1.897	0.0	49.665	1.503	0.0	44.087	1.499
113	4496	4497	SN	1	0.0	44.014	2.446	0.0	40.341	2.191	0.0	39.195	1.96	0.0	43.477	1.93	0.0	43.359	2.239	0.0	41.706	1.951	0.0	39.783	1.778	0.0	41.311	1.686
114	4496	4497	SN	1	0.0	43.946	2.424	0.0	45.292	2.144	0.0	39.773	1.936	0.0	46.026	1.896	0.0	43.165	2.224	0.0	42.372	1.909	0.0	41.435	1.754	0.0	43.862	1.678
115	4497	4498	NS	1	0.0	51.825	2.596	0.0	50.988	2.219	0.0	39.524	1.951	0.0	47.227	1.794	0.0	50.109	2.291	0.0	50.297	2.083	0.0	42.539	1.864	0.0	47.288	1.748
116	4497	4498	SN	1	0.0	50.395	12.006	0.0	50.678	11.254	0.0	45.327	8.358	0.0	43.85	8.938	0.0	50.792	11.916	0.0	52.443	11.387	0.0	44.775	8.549	0.0	44.28	9.096
117	4497	4498	SN	1	0.0	50.395	12.004	0.0	50.678	11.153	0.0	45.327	8.358	0.0	43.85	8.851	0.0	50.792	11.913	0.0	52.443	11.264	0.0	44.775	8.549	0.0	44.28	9.007
118	4497	4498	SN	1	0.0	45.471	4.15	0.0	49.068	3.882	0.0	41.706	2.83	0.0	43.079	2.866	0.0	45.793	4.027	0.0	51.472	3.873	0.0	43.461	2.807	0.0	43.243	2.839
119	4497	4498	SN	1	0.0	45.471	4.317	0.0	49.068	4.024	0.0	41.426	2.908	0.0	43.079	2.97	0.0	45.793	4.2	0.0	51.472	4.028	0.0	43.461	2.889	0.0	43.243	2.946
120	4497	4498	SN	1	0.0	45.471	4.15	0.0	49.068	3.924	0.0	41.706	2.83	0.0	43.079	2.898	0.0	45.793	4.031	0.0	51.472	3.915	0.0	43.461	2.807	0.0	43.243	2.869
121	4497	4498	NS	1	0.0	52.006	7.76	0.0	52.931	6.726	0.0	44.421	6.048	0.0	46.05	6.12	0.0	53.75	7.417	0.0	51.92	6.183	0.0	44.427	5.899	0.0	47.186	5.757
122	4497	4498	NS	1	0.0	52.006	7.78	0.0	51.962	6.286	0.0	48.706	6.238	0.0	48.421	5.837	0.0	53.502	7.256	0.0	52.121	5.652	0.0	49.137	6.024	0.0	48.461	5.338
123	4497	4498	SN	1	0.0	50.395	12.232	0.0	50.678	11.551	0.0	45.327	8.538	0.0	43.85	9.174	0.0	50.792	12.242	0.0	52.443	11.721	0.0	44.775	8.771	0.0	44.28	9.369
124	4497	4498	NS	1	0.0	47.883	2.625	0.0	52.92	2.22	0.0	40.825	1.833	0.0	44.53	1.799	0.0	48.666	2.38	0.0	49.618	2.047	0.0	42.722	1.653	0.0	46.563	1.633
125	4498	4499	SN	1	0.0	56.414	8.409	0.0	58.788	7.912	0.0	50.364	4.984	0.0	46.365	5.13	0.0	56.384	7.343	0.0	58.258	7.245	0.0	50.679	4.485	0.0	47.171	4.729
126	4498	4499	SN	1	0.0	54.965	2.627	0.0	52.368	2.506	0.0	47.25	1.605	0.0	45.715	1.662	0.0	51.802	2.298	0.0	47.791	2.165	0.0	46.948	1.409	0.0	42.607	1.442
127	4498	4499	NS	1	0.0	42.188	2.787	0.0	41.531	2.529	0.0	39.306	2.156	0.0	40.013	2.065	0.0	41.397	2.642	0.0	40.144	2.359	0.0	39.324	1.987	0.0	40.549	1.892
128	4498	4499	NS	1	0.0	45.836	2.921	0.0	49.518	2.532	0.0	38.946	2.08	0.0	43.74	1.98	0.0	45.126	2.792	0.0	49.399	2.417	0.0	41.702	1.965	0.0	41.673	1.875
129	4498	4499	NS	1	0.0	53.262	8.424	0.0	46.181	7.754	0.0	42.815	6.63	0.0	46.401	6.336	0.0	55.232	8.273	0.0	49.145	7.523	0.0	39.837	6.338	0.0	42.422	6.151
130	4498	4499	SN	1	0.0	56.414	8.695	0.0	58.788	8.102	0.0	50.364	5.097	0.0	46.365	5.12	0.0	56.384	7.6	0.0	58.258	7.415	0.0	50.679	4.629	0.0	47.171	4.757
131	4498	4499	SN	1	0.0	56.414	8.687	0.0	58.788	8.169	0.0	50.364	5.111	0.0	46.365	5.236	0.0	56.384	7.581	0.0	58.258	7.516	0.0	50.679	4.629	0.0	47.171	4.811
132	4498	4499	NS	1	0.0	48.584	8.494	0.0	46.181	7.701	0.0	43.197	6.562	0.0	44.913	6.028	0.0	48.614	8.192	0.0	49.145	7.51	0.0	40.99	6.384	0.0	42.932	5.807
133	4498	4499	SN	1	0.0	54.965	2.622	0.0	52.368	2.534	0.0	47.25	1.612	0.0	45.715	1.668	0.0	51.802	2.303	0.0	47.791	2.207	0.0	46.948	1.425	0.0	42.607	1.442
134	4498	4499	SN	1	0.0	54.965	2.58	0.0	52.368	2.516	0.0	47.25	1.586	0.0	45.715	1.594	0.0	51.802	2.261	0.0	47.791	2.169	0.0	46.948	1.39	0.0	42.607	1.381
135	4499	4500	NS	1	0.0	50.678	2.83	0.0	51.017	2.276	0.0	48.188	2.149	0.0	39.626	1.902	0.0	52.048	2.91	0.0	56.101	2.31	0.0	47.273	2.142	0.0	39.165	1.818
136	4499	4500	SN	1	0.0	45.587	1.326	0.0	53.361	1.372	0.0	47.168	0.787	0.0	46.277	0.867	0.0	42.953	1.126	0.0	48.82	1.18	0.0	48.922	0.663	0.0	45.744	0.703
137	4499	4500	SN	1	0.0	49.188	4.634	0.0	47.819	5.222	0.0	47.149	2.9	0.0	41.169	3.377	0.0	49.22	4.232	0.0	49.234	4.626	0.0	49.072	2.481	0.0	42.841	2.764
138	4499	4500	NS	1	0.0	47.578	2.79	0.0	47.552	2.264	0.0	42.872	2.1	0.0	41.291	1.918	0.0	46.293	2.885	0.0	52.635	2.353	0.0	41.958	2.14	0.0	41.308	1.863
139	4499	4500	SN	1	0.0	45.587	1.326	0.0	53.361	1.372	0.0	47.168	0.787	0.0	46.277	0.865	0.0	42.953	1.126	0.0	48.82	1.178	0.0	48.922	0.663	0.0	45.744	0.702

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

140	4499	4500	NS	1	0.0	55.777	8.175	0.0	49.04	7.1	0.0	44.977	6.604	0.0	47.827	5.901	0.0	54.101	8.286	0.0	48.699	7.121	0.0	44.165	7.032	0.0	49.364	6.008
141	4499	4500	NS	1	0.0	55.386	8.477	0.0	47.641	7.07	0.0	46.829	6.533	0.0	42.199	5.944	0.0	54.004	8.497	0.0	49.25	7.06	0.0	48.873	6.875	0.0	44.146	5.972
142	4499	4500	SN	1	0.0	49.188	4.634	0.0	47.819	5.212	0.0	47.149	2.893	0.0	41.169	3.377	0.0	49.22	4.232	0.0	49.234	4.626	0.0	49.072	2.481	0.0	42.841	2.764
143	4500	4501	SN	1	0.0	56.547	4.966	0.0	55.271	4.656	0.0	41.78	3.453	0.0	42.959	3.619	0.0	55.865	4.534	0.0	54.457	4.242	0.0	42.854	3.07	0.0	42.705	3.512
144	4500	4501	NS	1	0.0	46.033	3.078	0.0	52.946	2.734	0.0	42.064	2.219	0.0	40.972	1.892	0.0	43.074	2.884	0.0	49.762	2.424	0.0	43.285	2.1	0.0	39.9	1.749
145	4500	4501	SN	1	0.0	46.436	1.625	0.0	52.089	1.438	0.0	37.71	1.01	0.0	40.991	1.057	0.0	44.268	1.429	0.0	51.425	1.288	0.0	37.034	0.863	0.0	40.136	0.924
146	4500	4501	NS	1	0.0	52.244	9.862	0.0	57.858	8.964	0.0	45.457	7.477	0.0	47.211	6.615	0.0	54.213	9.208	0.0	58.554	8.4	0.0	43.527	7.164	0.0	45.388	6.266
147	4501	4502	NS	1	0.0	51.792	7.326	0.0	53.893	6.438	0.0	44.458	5.105	0.0	46.931	5.154	0.0	49.114	6.571	0.0	56.192	5.734	0.0	42.993	4.92	0.0	45.975	4.726
148	4501	4502	SN	1	0.0	45.72	1.783	0.0	52.996	1.788	0.0	42.114	1.262	0.0	41.531	1.339	0.0	45.186	1.621	0.0	53.069	1.643	0.0	41.754	1.192	0.0	44.725	1.277
149	4501	4502	NS	1	0.0	48.78	2.514	0.0	44.252	2.123	0.0	40.149	1.753	0.0	42.314	1.543	0.0	48.082	2.279	0.0	44.188	1.948	0.0	39.183	1.672	0.0	42.718	1.353
150	4501	4502	SN	1	0.0	56.657	5.871	0.0	54.061	5.949	0.0	46.829	4.509	0.0	49.393	4.929	0.0	58.636	5.599	0.0	55.929	5.626	0.0	45.857	4.268	0.0	50.891	5.051
151	4502	4503	SN	1	0.0	52.44	7.579	0.0	53.571	7.657	0.0	45.234	5.806	0.0	48.099	6.112	0.0	55.015	7.047	0.0	51.135	6.869	0.0	48.446	5.473	0.0	44.861	5.628
152	4502	4503	NS	1	0.0	50.032	2.331	0.0	43.466	2.141	0.0	42.369	1.984	0.0	37.242	1.71	0.0	48.335	2.067	0.0	42.762	2.004	0.0	43.11	1.839	0.0	35.881	1.497
153	4502	4503	NS	1	0.0	50.032	2.315	0.0	43.466	2.127	0.0	42.369	1.97	0.0	37.242	1.7	0.0	48.335	2.053	0.0	42.762	1.991	0.0	43.11	1.826	0.0	35.881	1.488
154	4502	4503	NS	1	0.0	51.209	6.242	0.0	48.389	5.592	0.0	45.932	5.556	0.0	44.034	4.923	0.0	49.286	5.938	0.0	47.571	5.228	0.0	42.966	5.241	0.0	43.961	4.55
155	4502	4503	SN	1	0.0	46.611	2.487	0.0	45.128	2.373	0.0	44.875	1.704	0.0	45.046	1.783	0.0	45.442	2.21	0.0	48.593	2.136	0.0	40.634	1.581	0.0	46.233	1.666
156	4502	4503	NS	1	0.0	51.209	6.199	0.0	48.389	5.563	0.0	45.932	5.518	0.0	44.034	4.897	0.0	49.286	5.897	0.0	47.571	5.201	0.0	42.966	5.205	0.0	43.961	4.527
157	4503	4504	NS	1	0.0	46.152	9.933	0.0	46.806	8.5	0.0	42.114	7.155	0.0	42.642	6.594	0.0	47.092	9.299	0.0	48.349	7.917	0.0	41.939	7.397	0.0	44.21	6.466
158	4503	4504	SN	1	0.0	45.751	1.879	0.0	48.588	1.946	0.0	42.994	1.566	0.0	42.829	1.486	0.0	46.556	1.716	0.0	45.916	1.736	0.0	42.689	1.536	0.0	40.764	1.318
159	4503	4504	NS	1	0.0	47.996	3.29	0.0	45.135	2.942	0.0	40.324	2.434	0.0	39.227	2.411	0.0	49.174	3.073	0.0	45.215	2.773	0.0	38.437	2.237	0.0	39.486	2.194
160	4503	4504	SN	1	0.0	56.074	6.29	0.0	51.09	6.354	0.0	46.043	5.298	0.0	48.075	5.093	0.0	56.771	5.707	0.0	50.697	5.919	0.0	43.526	4.95	0.0	47.194	4.494
161	4504	4505	NS	1	0.0	46.017	9.439	0.0	48.209	8.101	0.0	45.462	7.564	0.0	44.165	7.636	0.0	48.462	9.081	0.0	48.113	7.438	0.0	43.756	7.395	0.0	47.663	7.398
162	4504	4505	SN	1	0.0	43.469	2.364	0.0	44.738	1.82	0.0	38.742	1.687	0.0	48.687	1.545	0.0	41.304	2.058	0.0	43.942	1.562	0.0	39.351	1.473	0.0	47.349	1.288
163	4504	4505	NS	1	0.0	50.092	3.362	0.0	46.158	2.624	0.0	40.449	2.167	0.0	43.692	2.355	0.0	50.744	3.0	0.0	43.518	2.354	0.0	38.114	2.113	0.0	43.0	2.148
164	4504	4505	NS	1	0.0	50.092	3.617	0.0	46.158	2.822	0.0	40.449	2.332	0.0	43.692	2.535	0.0	50.744	3.229	0.0	43.518	2.532	0.0	38.114	2.276	0.0	43.0	2.313
165	4504	4505	SN	1	0.0	49.391	6.97	0.0	50.18	5.708	0.0	46.599	4.666	0.0	42.013	4.952	0.0	49.779	6.005	0.0	48.391	4.748	0.0	48.457	4.241	0.0	42.468	4.389
166	4504	4505	NS	1	0.0	46.017	8.756	0.0	48.209	7.517	0.0	45.462	7.033	0.0	44.165	7.094	0.0	48.462	8.424	0.0	48.113	6.893	0.0	43.756	6.87	0.0	47.663	6.866
167	4505	4506	NS	1	0.0	46.241	4.218	0.0	46.896	3.888	0.0	44.212	3.289	0.0	41.857	3.339	0.0	48.548	4.218	0.0	48.216	3.756	0.0	45.678	3.309	0.0	42.023	3.089
168	4505	4506	NS	1	0.0	47.029	13.261	0.0	47.106	12.463	0.0	44.13	10.111	0.0	46.925	10.027	0.0	47.653	13.457	0.0	48.165	11.968	0.0	41.375	10.558	0.0	44.078	9.758

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	4477	4478	SN	1	0.0	24.674	9.565	0.0	27.774	9.992	0.0	174.302	3.802	0.0	67.68	4.103	0.0	1.891	0.0	1.968	0.0	0.0	2.07	0.0	0.0	2.114	0.0	
2	4477	4478	SN	1	0.0	32.445	15.855	0.0	27.288	14.116	0.0	195.286	13.712	0.0	67.184	13.213	0.0	1.896	0.0	1.941	0.0	0.0	2.073	0.0	0.0	2.119	0.0	
3	4478	4479	SN	1	0.0	24.685	9.584	0.0	27.807	9.982	0.0	251.892	3.818	0.0	69.599	4.13	0.0	1.889	0.0	1.962	0.0	0.0	2.065	0.0	0.0	2.109	0.0	
4	4478	4479	SN	1	0.0	32.401	15.925	0.0	27.288	13.936	0.0	190.301	13.804	0.0	19.33	12.837	0.0	1.898	0.0	1.943	0.0	0.0	2.069	0.0	0.0	2.091	0.0	
5	4478	4479	SN	1	0.0	24.685	9.597	0.0	26.34	9.974	0.0	251.892	3.856	0.0	14.284	4.027	0.0	1.889	0.0	1.962	0.0	0.0	2.065	0.0	0.0	2.109	0.0	
6	4478	4479	NS	1	0.0	27.25	14.929	0.0	32.45	14.138	0.0	355.378	10.75	0.0	54.301	10.036	0.0	1.907	0.0	1.861	0.0	0.0	2.039	0.0	0.0	2.012	0.0	
7	4478	4479	NS	1	0.0	28.22	8.202	0.0	25.75	8.281	0.0	348.474	2.198	0.0	44.319	1.817	0.0	1.905	0.0	1.854	0.0	0.0	2.033	0.0	0.0	2.012	0.0	
8	4478	4479	NS	1	0.0	28.22	8.202	0.0	25.75	8.281	0.0	348.474	2.198	0.0	44.319	1.817	0.0	1.905	0.0	1.854	0.0	0.0	2.033	0.0	0.0	2.012	0.0	
9	4478	4479	SN	1	0.0	32.401	15.928	0.0	27.288	14.118	0.0	190.301	13.677	0.0	58.895	13.124	0.0	1.898	0.0	1.943	0.0	0.0	2.069	0.0	0.0	2.091	0.0	
10	4478	4479	NS	1	0.0	27.25	14.929	0.0	32.45	14.138	0.0	355.378	10.75	0.0	54.301	10.036	0.0	1.907	0.0	1.861	0.0	0.0	2.039	0.0	0.0	2.012	0.0	
11	4479	4480	NS	1	0.0	27.255	15.003	0.0	32.213	14.122	0.0	351.639	10.762	0.0	51.074	10.081	0.0	1.912	0.0	1.858	0.0	0.0	2.039	0.0	0.0	2.012	0.0	
12	4479	4480	SN	1	0.0	24.685	9.626	0.0	27.818	9.949	0.0	229.214	3.839	0.0	127.896	4.21	0.0	1.892	0.0	1.963	0.0	0.0	2.067	0.0	0.0	2.11	0.0	
13	4479	4480	NS	1	0.0	28.176	8.173	0.0	25.739	8.215	0.0	352.395	2.162	0.0	41.544	1.789	0.0	1.905	0.0	1.854	0.0	0.0	2.037	0.0	0.0	2.012	0.0	
14	4479	4480	SN	1	0.0	32.516	16.119	0.0	27.288	14.077	0.0	205.483	13.707	0.0	63.698	13.146	0.0	1.904	0.0	1.945	0.0	0.0	2.07	0.0	0.0	2.094	0.0	
15	4480	4481	NS	1	0.0	27.261	14.983	0.0	32.224	14.09	0.0	358.246	10.796	0.0	51.494	10.088	0.0	1.907	0.0	1.859	0.0	0.0	2.04	0.0	0.0	2.011	0.0	
16	4480	4481	NS	1	0.0	28.115	8.152	0.0	25.744	8.192	0.0	316.404	2.145	0.0	45.19	1.777	0.0	1.904	0.0	1.854	0.0	0.0	2.035	0.0	0.0	2.011	0.0	
17	4480	4481	NS	1	0.0	28.115	8.132	0.0	25.739	8.201	0.0	353.542	2.167	0.0	41.87	1.785	0.0	1.904	0.0	1.852	0.0	0.0	2.035	0.0	0.0	2.011	0.0	
18	4480	4481	NS	1	0.0	27.255	14.999	0.0	32.472	14.075	0.0	354.788	10.671	0.0	54.543	10.042	0.0	1.91	0.0	1.859	0.0	0.0	2.04	0.0	0.0	2.012	0.0	
19	4480	4481	SN	1	0.0	32.516	16.147	0.0	27.283	13.848	0.0	204.005	13.977	0.0	18.172	12.826	0.0	1.897	0.0	1.935	0.0	0.0	2.069	0.0	0.0	2.109	0.0	
20	4480	4481	SN	1	0.0	24.674	9.626	0.0	25.772	9.947	0.0	188.619	3.925	0.0	14.289	4.117	0.0	1.89	0.0	1.965	0.0	0.0	2.066	0.0	0.0	2.11	0.0	
21	4480	4481	SN	1	0.0	24.674	9.603	0.0	27.823	9.959	0.0	188.619	3.871	0.0	72.009	4.244	0.0	1.89	0.0	1.965	0.0	0.0	2.066	0.0	0.0	2.11	0.0	
22	4480	4481	SN	1	0.0	32.516	16.137	0.0	27.283	14.078	0.0	204.005	13.805	0.0	60.489	13.159	0.0	1.897	0.0	1.935	0.0	0.0	2.069	0.0	0.0	2.109	0.0	
23	4481	4482	SN	1	0.0	32.715	16.072	0.0	27.272	14.023	0.0	209.664	13.866	0.0	61.663	13.156	0.0	1.898	0.0	1.933	0.0	0.0	2.066	0.0	0.0	2.12	0.0	
24	4481	4482	SN	1	0.0	24.674	9.595	0.0	27.812	9.953	0.0	242.517	3.894	0.0	96.86	4.223	0.0	1.89	0.0	1.961	0.0	0.0	2.061	0.0	0.0	2.105	0.0	
25	4481	4482	NS	1	0.0	27.25	14.96	0.0	32.23	14.109	0.0	356.305	10.658	0.0	52.652	9.996	0.0	1.908	0.0	1.858	0.0	0.0	2.038	0.0	0.0	2.012	0.0	
26	4481	4482	NS	1	0.0	28.198	8.143	0.0	25.739	8.227	0.0	335.872	2.145	0.0	35.197	1.784	0.0	1.905	0.0	1.853	0.0	0.0	2.036	0.0	0.0	2.013	0.0	
27	4482	4483	SN	1	0.0	24.685	9.685	0.0	25.496	9.921	0.0	270.18	4.014	0.0	14.289	3.977	0.0	1.89	0.0	1.962	0.0	0.0	2.06	0.0	0.0	2.104	0.0	
28	4482	4483	SN	1	0.0	32.461	16.025	0.0	27.25	13.683	0.0	150.791	14.201	0.0	16.17	12.542	0.0	1.896	0.0	1.933	0.0	0.0	2.063	0.0	0.0	2.119	0.0	
29	4482	4483	SN	1	0.0	24.685	9.596	0.0	27.834	9.968	0.0	270.18	3.903	0.0	149.222	4.179	0.0	1.89	0.0	1.962	0.0	0.0	2.06	0.0	0.0	2.104	0.0	
30	4482	4483	SN	1	0.0	30.503	15.988	0.0	27.283	14.098	0.0	150.791	13.823	0.0	77.386	13.327	0.0	1.896	0.0	1.933	0.0	0.0	2.063	0.0	0.0	2.119	0.0	
31	4482	4483	NS	1	0.0	27.244	14.954	0.0	33.096	14.072	0.0	358.412	10.777	0.0	52.933	9.987	0.0	1.908	0.0	1.859	0.0	0.0	2.038	0.0	0.0	2.012	0.0	

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

32	4482	4483	NS	1	0.0	27.244	14.954	0.0	33.096	14.072	0.0	358.412	10.777	0.0	52.933	9.987	0.0	1.908	0.0	0.0	1.859	0.0	0.0	2.038	0.0	0.0	2.012	0.0
33	4482	4483	SN	1	0.0	32.461	16.01	0.0	27.283	14.088	0.0	150.791	13.817	0.0	77.386	13.206	0.0	1.896	0.0	0.0	1.933	0.0	0.0	2.063	0.0	0.0	2.119	0.0
34	4482	4483	NS	1	0.0	28.082	8.138	0.0	25.744	8.226	0.0	287.301	2.141	0.0	38.848	1.803	0.0	1.903	0.0	0.0	1.854	0.0	0.0	2.034	0.0	0.0	2.011	0.0
35	4482	4483	NS	1	0.0	28.082	8.138	0.0	25.744	8.226	0.0	287.301	2.141	0.0	38.848	1.803	0.0	1.903	0.0	0.0	1.854	0.0	0.0	2.034	0.0	0.0	2.011	0.0
36	4482	4483	SN	1	0.0	24.685	9.593	0.0	27.834	10.02	0.0	270.18	3.904	0.0	149.222	4.225	0.0	1.89	0.0	0.0	1.962	0.0	0.0	2.06	0.0	0.0	2.104	0.0
37	4483	4484	NS	1	0.0	28.242	8.158	0.0	27.046	8.247	0.0	339.655	2.143	0.0	36.537	1.789	0.0	1.903	0.0	0.0	1.857	0.0	0.0	2.034	0.0	0.0	2.011	0.0
38	4483	4484	SN	1	0.0	24.696	9.573	0.0	27.862	10.064	0.0	199.648	3.876	0.0	61.349	4.22	0.0	1.89	0.0	0.0	1.96	0.0	0.0	2.06	0.0	0.0	2.109	0.0
39	4483	4484	NS	1	0.0	27.244	15.002	0.0	32.263	14.079	0.0	357.044	10.73	0.0	54.516	10.026	0.0	1.907	0.0	0.0	1.863	0.0	0.0	2.038	0.0	0.0	2.012	0.0
40	4483	4484	SN	1	0.0	32.434	15.955	0.0	27.283	14.068	0.0	99.48	13.867	0.0	79.568	13.205	0.0	1.896	0.0	0.0	1.934	0.0	0.0	2.063	0.0	0.0	2.113	0.0
41	4483	4484	SN	1	0.0	24.696	9.58	0.0	27.862	10.009	0.0	199.648	3.876	0.0	75.318	4.175	0.0	1.89	0.0	0.0	1.96	0.0	0.0	2.06	0.0	0.0	2.109	0.0
42	4483	4484	SN	1	0.0	30.531	15.928	0.0	27.288	14.087	0.0	99.48	13.866	0.0	75.804	13.312	0.0	1.896	0.0	0.0	1.934	0.0	0.0	2.063	0.0	0.0	2.113	0.0
43	4483	4484	SN	1	0.0	24.696	9.71	0.0	25.49	9.915	0.0	199.648	4.041	0.0	14.3	3.988	0.0	1.89	0.0	0.0	1.96	0.0	0.0	2.06	0.0	0.0	2.109	0.0
44	4483	4484	NS	1	0.0	28.071	8.172	0.0	27.046	8.246	0.0	336.594	2.134	0.0	57.18	1.797	0.0	1.903	0.0	0.0	1.858	0.0	0.0	2.035	0.0	0.0	2.011	0.0
45	4483	4484	NS	1	0.0	27.25	14.986	0.0	33.178	14.041	0.0	357.513	10.763	0.0	53.92	10.073	0.0	1.907	0.0	0.0	1.865	0.0	0.0	2.038	0.0	0.0	2.012	0.0
46	4483	4484	SN	1	0.0	32.434	16.024	0.0	25.694	13.428	0.0	99.48	14.368	0.0	14.582	12.367	0.0	1.896	0.0	0.0	1.934	0.0	0.0	2.063	0.0	0.0	2.113	0.0
47	4484	4485	SN	1	0.0	24.68	9.579	0.0	27.884	10.051	0.0	339.892	3.854	0.0	144.507	4.15	0.0	1.9	0.0	0.0	1.963	0.0	0.0	2.06	0.0	0.0	2.107	0.0
48	4484	4485	SN	1	0.0	32.489	15.931	0.0	25.452	13.316	0.0	160.189	14.464	0.0	14.697	12.165	0.0	1.899	0.0	0.0	1.941	0.0	0.0	2.065	0.0	0.0	2.099	0.0
49	4484	4485	NS	1	0.0	27.266	14.901	0.0	32.34	14.122	0.0	356.299	10.844	0.0	55.657	10.039	0.0	1.907	0.0	0.0	1.862	0.0	0.0	2.039	0.0	0.0	2.011	0.0
50	4484	4485	NS	1	0.0	27.261	14.901	0.0	32.34	14.142	0.0	357.248	10.802	0.0	55.58	10.025	0.0	1.908	0.0	0.0	1.861	0.0	0.0	2.04	0.0	0.0	2.011	0.0
51	4484	4485	SN	1	0.0	30.338	15.753	0.0	27.283	14.111	0.0	160.189	13.793	0.0	65.728	13.288	0.0	1.899	0.0	0.0	1.941	0.0	0.0	2.065	0.0	0.0	2.099	0.0
52	4484	4485	SN	1	0.0	24.68	9.794	0.0	25.496	9.88	0.0	339.892	4.091	0.0	14.284	3.924	0.0	1.9	0.0	0.0	1.963	0.0	0.0	2.06	0.0	0.0	2.107	0.0
53	4484	4485	NS	1	0.0	28.187	8.161	0.0	25.75	8.277	0.0	352.946	2.167	0.0	37.292	1.809	0.0	1.904	0.0	0.0	1.854	0.0	0.0	2.034	0.0	0.0	2.012	0.0
54	4484	4485	NS	1	0.0	28.187	8.152	0.0	25.75	8.283	0.0	352.952	2.172	0.0	37.337	1.802	0.0	1.903	0.0	0.0	1.855	0.0	0.0	2.034	0.0	0.0	2.011	0.0
55	4485	4486	SN	1	0.0	32.693	15.72	0.0	27.283	14.046	0.0	351.181	13.751	0.0	66.511	13.131	0.0	1.898	0.0	0.0	1.94	0.0	0.0	2.065	0.0	0.0	2.079	0.0
56	4485	4486	SN	1	0.0	24.68	9.538	0.0	27.906	10.001	0.0	203.261	3.845	0.0	69.461	4.082	0.0	1.889	0.0	0.0	1.957	0.0	0.0	2.06	0.0	0.0	2.106	0.0
57	4485	4486	NS	1	0.0	27.244	14.93	0.0	32.357	14.148	0.0	356.448	10.873	0.0	55.895	10.025	0.0	1.911	0.0	0.0	1.859	0.0	0.0	2.037	0.0	0.0	2.011	0.0
58	4485	4486	NS	1	0.0	28.22	8.15	0.0	27.029	8.247	0.0	355.858	2.168	0.0	55.724	1.801	0.0	1.904	0.0	0.0	1.855	0.0	0.0	2.034	0.0	0.0	2.011	0.0
59	4486	4487	SN	1	0.0	32.478	15.69	0.0	27.277	14.068	0.0	351.259	13.779	0.0	67.448	13.137	0.0	1.897	0.0	0.0	1.942	0.0	0.0	2.07	0.0	0.0	2.09	0.0
60	4486	4487	NS	1	0.0	28.27	8.15	0.0	25.755	8.238	0.0	346.593	2.139	0.0	42.598	1.791	0.0	1.904	0.0	0.0	1.854	0.0	0.0	2.035	0.0	0.0	2.011	0.0
61	4486	4487	SN	1	0.0	24.669	9.558	0.0	27.848	10.046	0.0	195.253	3.822	0.0	70.454	4.109	0.0	1.889	0.0	0.0	1.959	0.0	0.0	2.064	0.0	0.0	2.108	0.0
62	4486	4487	NS	1	0.0	27.255	15.023	0.0	32.357	14.218	0.0	354.049	10.852	0.0	42.482	10.091	0.0	1.908	0.0	0.0	1.858	0.0	0.0	2.04	0.0	0.0	2.011	0.0
63	4487	4488	NS	1	0.0	27.244	15.013	0.0	32.351	14.166	0.0	354.187	10.868	0.0	48.979	10.091	0.0	1.91	0.0	0.0	1.86	0.0	0.0	2.038	0.0	0.0	2.012	0.0
64	4487	4488	NS	1	0.0	28.242	8.168	0.0	25.761	8.24	0.0	356.068	2.131	0.0	42.355	1.781	0.0	1.904	0.0	0.0	1.856	0.0	0.0	2.034	0.0	0.0	2.011	0.0
65	4487	4488	SN	1	0.0	24.691	9.549	0.0	27.845	10.05	0.0	346.742	3.843	0.0	71.221	4.123	0.0	1.89	0.0	0.0	1.958	0.0	0.0	2.065	0.0	0.0	2.109	0.0
66	4487	4488	SN	1	0.0	32.461	15.801	0.0	27.288	14.077	0.0	175.129	13.823	0.0	68.358	13.102	0.0	1.897	0.0	0.0	1.937	0.0	0.0	2.07	0.0	0.0	2.103	0.0
67	4488	4489	NS	1	0.0	27.25	15.013	0.0	32.345	14.138	0.0	354.408	10.961	0.0	49.734	10.198	0.0	1.907	0.0	0.0	1.859	0.0	0.0	2.037	0.0	0.0	2.012	0.0
68	4488	4489	NS	1	0.0	27.25	15.013	0.0	32.34	14.138	0.0	354.408	10.961	0.0	49.745	10.198	0.0	1.907	0.0	0.0	1.859	0.0	0.0	2.037	0.0	0.0	2.012	0.0

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



69	4488	4489	SN	1	0.0	32.406	15.786	0.0	27.283	14.078	0.0	144.079	13.787	0.0	66.754	13.187	0.0	1.898	0.0	0.0	1.936	0.0	0.0	2.066	0.0	0.0	2.116	0.0
70	4488	4489	NS	1	0.0	28.275	8.166	0.0	27.029	8.245	0.0	356.024	2.179	0.0	43.067	1.795	0.0	1.904	0.0	0.0	1.854	0.0	0.0	2.033	0.0	0.0	2.011	0.0
71	4488	4489	NS	1	0.0	28.275	8.166	0.0	27.029	8.245	0.0	356.024	2.179	0.0	43.078	1.795	0.0	1.904	0.0	0.0	1.854	0.0	0.0	2.033	0.0	0.0	2.011	0.0
72	4488	4489	SN	1	0.0	24.674	9.55	0.0	27.685	10.051	0.0	302.368	3.858	0.0	49.464	4.153	0.0	1.892	0.0	0.0	1.955	0.0	0.0	2.065	0.0	0.0	2.107	0.0
73	4489	4490	NS	1	0.0	168.106	8.183	0.0	25.766	8.295	0.0	328.239	2.182	0.0	36.344	1.803	0.0	1.903	0.0	0.0	1.854	0.0	0.0	2.034	0.0	0.0	2.011	0.0
74	4489	4490	NS	1	0.0	168.106	8.379	0.0	25.766	8.3	0.0	328.239	2.298	0.0	11.593	1.729	0.0	1.903	0.0	0.0	1.854	0.0	0.0	2.034	0.0	0.0	2.011	0.0
75	4489	4490	NS	1	0.0	101.402	15.286	0.0	30.967	13.578	0.0	340.516	11.377	0.0	13.175	9.517	0.0	1.908	0.0	0.0	1.861	0.0	0.0	2.038	0.0	0.0	2.011	0.0
76	4489	4490	SN	1	0.0	24.707	9.554	0.0	27.732	10.029	0.0	211.93	3.866	0.0	68.232	4.122	0.0	1.889	0.0	0.0	1.956	0.0	0.0	2.066	0.0	0.0	2.108	0.0
77	4489	4490	SN	1	0.0	32.45	15.828	0.0	27.272	14.038	0.0	152.925	13.82	0.0	68.11	13.165	0.0	1.896	0.0	0.0	1.936	0.0	0.0	2.07	0.0	0.0	2.117	0.0
78	4489	4490	NS	1	0.0	101.402	14.973	0.0	32.345	14.141	0.0	340.516	10.894	0.0	49.872	10.108	0.0	1.908	0.0	0.0	1.861	0.0	0.0	2.038	0.0	0.0	2.011	0.0
79	4490	4491	NS	1	0.0	28.226	8.647	0.0	25.761	8.398	0.0	335.894	2.426	0.0	11.609	1.813	0.0	1.904	0.0	0.0	1.855	0.0	0.0	2.036	0.0	0.0	2.011	0.0
80	4490	4491	NS	1	0.0	27.244	15.506	0.0	30.961	13.469	0.0	355.588	11.885	0.0	13.247	9.486	0.0	1.907	0.0	0.0	1.864	0.0	0.0	2.039	0.0	0.0	2.011	0.0
81	4492	4493	NS	1	0.0	28.126	8.185	0.0	25.755	8.29	0.0	356.338	2.159	0.0	38.423	1.815	0.0	1.904	0.0	0.0	1.855	0.0	0.0	2.034	0.0	0.0	2.011	0.0
82	4492	4493	NS	1	0.0	27.244	15.031	0.0	32.406	14.149	0.0	354.816	10.877	0.0	56.132	10.135	0.0	1.908	0.0	0.0	1.867	0.0	0.0	2.041	0.0	0.0	2.015	0.0
83	4492	4493	SN	1	0.0	24.68	9.529	0.0	27.823	10.079	0.0	191.155	3.829	0.0	73.813	4.084	0.0	1.89	0.0	0.0	1.961	0.0	0.0	2.065	0.0	0.0	2.11	0.0
84	4492	4493	SN	1	0.0	32.412	15.699	0.0	27.283	14.1	0.0	181.978	13.756	0.0	77.706	13.109	0.0	1.899	0.0	0.0	1.945	0.0	0.0	2.069	0.0	0.0	2.097	0.0
85	4493	4494	NS	1	0.0	28.259	8.15	0.0	25.755	8.242	0.0	320.171	2.12	0.0	36.228	1.787	0.0	1.903	0.0	0.0	1.853	0.0	0.0	2.035	0.0	0.0	2.01	0.0
86	4493	4494	SN	1	0.0	32.285	15.726	0.0	27.288	13.912	0.0	216.442	13.915	0.0	20.328	12.897	0.0	1.897	0.0	0.0	1.941	0.0	0.0	2.068	0.0	0.0	2.093	0.0
87	4493	4494	SN	1	0.0	24.685	9.548	0.0	27.845	10.113	0.0	191.315	3.835	0.0	73.763	4.206	0.0	1.89	0.0	0.0	1.959	0.0	0.0	2.063	0.0	0.0	2.11	0.0
88	4493	4494	NS	1	0.0	27.239	15.006	0.0	32.224	14.145	0.0	358.522	10.775	0.0	52.685	10.124	0.0	1.908	0.0	0.0	1.86	0.0	0.0	2.037	0.0	0.0	2.011	0.0
89	4493	4494	SN	1	0.0	30.095	15.706	0.0	27.283	14.073	0.0	216.442	13.806	0.0	78.476	13.257	0.0	1.897	0.0	0.0	1.941	0.0	0.0	2.068	0.0	0.0	2.093	0.0
90	4493	4494	SN	1	0.0	24.685	9.574	0.0	26.842	10.062	0.0	191.315	3.863	0.0	14.295	4.07	0.0	1.89	0.0	0.0	1.959	0.0	0.0	2.063	0.0	0.0	2.11	0.0
91	4494	4495	NS	1	0.0	27.255	15.015	0.0	32.235	14.11	0.0	358.561	10.776	0.0	53.104	10.014	0.0	1.909	0.0	0.0	1.86	0.0	0.0	2.037	0.0	0.0	2.011	0.0
92	4494	4495	SN	1	0.0	32.5	15.812	0.0	27.272	14.065	0.0	176.474	13.839	0.0	68.077	13.149	0.0	1.899	0.0	0.0	1.957	0.0	0.0	2.067	0.0	0.0	2.123	0.0
93	4494	4495	SN	1	0.0	24.669	9.531	0.0	27.851	10.041	0.0	222.982	3.895	0.0	136.874	4.2	0.0	1.892	0.0	0.0	1.962	0.0	0.0	2.063	0.0	0.0	2.107	0.0
94	4494	4495	NS	1	0.0	28.281	8.135	0.0	25.755	8.212	0.0	339.501	2.108	0.0	35.991	1.772	0.0	1.904	0.0	0.0	1.853	0.0	0.0	2.033	0.0	0.0	2.011	0.0
95	4495	4496	NS	1	0.0	27.244	14.986	0.0	32.23	14.04	0.0	358.627	10.769	0.0	53.683	10.021	0.0	1.909	0.0	0.0	1.859	0.0	0.0	2.038	0.0	0.0	2.011	0.0
96	4495	4496	NS	1	0.0	28.168	8.12	0.0	25.744	8.217	0.0	289.855	2.101	0.0	56.137	1.769	0.0	1.903	0.0	0.0	1.854	0.0	0.0	2.034	0.0	0.0	2.01	0.0
97	4495	4496	NS	1	0.0	27.244	14.973	0.0	32.23	14.101	0.0	356.724	10.75	0.0	54.273	9.976	0.0	1.909	0.0	0.0	1.86	0.0	0.0	2.038	0.0	0.0	2.012	0.0
98	4495	4496	NS	1	0.0	28.286	8.117	0.0	25.75	8.216	0.0	309.973	2.11	0.0	36.382	1.764	0.0	1.903	0.0	0.0	1.854	0.0	0.0	2.034	0.0	0.0	2.011	0.0
99	4495	4496	SN	1	0.0	32.439	15.754	0.0	27.277	13.851	0.0	212.802	14.119	0.0	18.111	12.727	0.0	1.896	0.0	0.0	1.957	0.0	0.0	2.066	0.0	0.0	2.122	0.0
100	4495	4496	SN	1	0.0	24.685	9.634	0.0	25.573	10.024	0.0	276.842	3.993	0.0	14.3	4.068	0.0	1.89	0.0	0.0	1.965	0.0	0.0	2.06	0.0	0.0	2.107	0.0
101	4495	4496	SN	1	0.0	32.439	15.753	0.0	27.277	14.089	0.0	212.802	13.901	0.0	76.184	13.184	0.0	1.896	0.0	0.0	1.957	0.0	0.0	2.066	0.0	0.0	2.122	0.0
102	4495	4496	SN	1	0.0	24.685	9.577	0.0	27.867	10.085	0.0	276.842	3.931	0.0	71.033	4.249	0.0	1.89	0.0	0.0	1.965	0.0	0.0	2.06	0.0	0.0	2.107	0.0
103	4495	4496	SN	1	0.0	24.685	9.584	0.0	27.867	10.034	0.0	276.842	3.931	0.0	71.022	4.202	0.0	1.89	0.0	0.0	1.965	0.0	0.0	2.06	0.0	0.0	2.107	0.0
104	4495	4496	SN	1	0.0	30.575	15.726	0.0	27.277	14.099	0.0	212.802	13.901	0.0	76.201	13.305	0.0	1.896	0.0	0.0	1.957	0.0	0.0	2.066	0.0	0.0	2.122	0.0
105	4496	4497	SN	1	0.0	38.065	15.663	0.0	27.283	13.704	0.0	175.217	14.183	0.0	15.1	12.52	0.0	1.895	0.0	0.0	1.937	0.0	0.0	2.062	0.0	0.0	2.103	0.0

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

106	4496	4497	NS	1	0.0	27.255	14.981	0.0	32.241	14.113	0.0	357.011	10.85	0.0	55.056	9.939	0.0	1.91	0.0	0.0	1.863	0.0	0.0	2.037	0.0	0.0	2.011	0.0
107	4496	4497	NS	1	0.0	27.255	14.971	0.0	32.241	14.123	0.0	357.005	10.829	0.0	55.051	9.939	0.0	1.91	0.0	0.0	1.862	0.0	0.0	2.038	0.0	0.0	2.011	0.0
108	4496	4497	SN	1	0.0	31.209	15.624	0.0	27.288	14.093	0.0	175.217	13.864	0.0	62.788	13.23	0.0	1.895	0.0	0.0	1.937	0.0	0.0	2.062	0.0	0.0	2.103	0.0
109	4496	4497	SN	1	0.0	38.065	15.671	0.0	27.288	14.03	0.0	175.234	13.857	0.0	62.678	13.125	0.0	1.896	0.0	0.0	1.936	0.0	0.0	2.062	0.0	0.0	2.103	0.0
110	4496	4497	SN	1	0.0	24.696	9.628	0.0	25.485	10.003	0.0	323.959	4.003	0.0	14.295	4.015	0.0	1.897	0.0	0.0	1.957	0.0	0.0	2.058	0.0	0.0	2.104	0.0
111	4496	4497	NS	1	0.0	28.264	8.118	0.0	25.75	8.23	0.0	298.899	2.12	0.0	37.017	1.771	0.0	1.902	0.0	0.0	1.854	0.0	0.0	2.034	0.0	0.0	2.01	0.0
112	4496	4497	NS	1	0.0	28.264	8.122	0.0	25.75	8.227	0.0	298.866	2.122	0.0	37.017	1.775	0.0	1.903	0.0	0.0	1.853	0.0	0.0	2.034	0.0	0.0	2.01	0.0
113	4496	4497	SN	1	0.0	24.696	9.549	0.0	27.843	10.092	0.0	323.959	3.907	0.0	147.551	4.248	0.0	1.897	0.0	0.0	1.957	0.0	0.0	2.058	0.0	0.0	2.104	0.0
114	4496	4497	SN	1	0.0	24.696	9.549	0.0	27.843	10.041	0.0	323.948	3.9	0.0	153.0	4.212	0.0	1.897	0.0	0.0	1.957	0.0	0.0	2.058	0.0	0.0	2.104	0.0
115	4497	4498	NS	1	0.0	28.292	8.113	0.0	25.755	8.213	0.0	356.024	2.099	0.0	37.69	1.784	0.0	1.903	0.0	0.0	1.853	0.0	0.0	2.032	0.0	0.0	2.011	0.0
116	4497	4498	SN	1	0.0	31.105	15.676	0.0	27.283	14.103	0.0	164.171	13.851	0.0	80.045	13.216	0.0	1.897	0.0	0.0	1.974	0.0	0.0	2.064	0.0	0.0	2.101	0.0
117	4497	4498	SN	1	0.0	32.467	15.713	0.0	27.283	14.052	0.0	164.171	13.851	0.0	80.045	13.095	0.0	1.897	0.0	0.0	1.974	0.0	0.0	2.064	0.0	0.0	2.101	0.0
118	4497	4498	SN	1	0.0	24.68	9.552	0.0	27.906	10.067	0.0	276.136	3.895	0.0	273.803	4.175	0.0	1.892	0.0	0.0	1.963	0.0	0.0	2.058	0.0	0.0	2.106	0.0
119	4497	4498	SN	1	0.0	24.68	9.685	0.0	25.49	9.995	0.0	276.136	4.041	0.0	14.289	3.984	0.0	1.892	0.0	0.0	1.963	0.0	0.0	2.058	0.0	0.0	2.106	0.0
120	4497	4498	SN	1	0.0	24.68	9.55	0.0	27.906	10.121	0.0	276.136	3.895	0.0	273.803	4.221	0.0	1.892	0.0	0.0	1.963	0.0	0.0	2.058	0.0	0.0	2.106	0.0
121	4497	4498	NS	1	0.0	27.244	14.966	0.0	32.246	14.125	0.0	356.288	10.843	0.0	56.099	9.981	0.0	1.91	0.0	0.0	1.862	0.0	0.0	2.036	0.0	0.0	2.012	0.0
122	4497	4498	NS	1	0.0	27.25	15.036	0.0	32.246	14.12	0.0	349.185	10.844	0.0	38.302	10.063	0.0	1.909	0.0	0.0	1.86	0.0	0.0	2.036	0.0	0.0	2.011	0.0
123	4497	4498	SN	1	0.0	32.467	15.717	0.0	26.737	13.556	0.0	164.171	14.288	0.0	14.686	12.342	0.0	1.897	0.0	0.0	1.974	0.0	0.0	2.064	0.0	0.0	2.101	0.0
124	4497	4498	NS	1	0.0	28.292	8.126	0.0	25.755	8.21	0.0	346.417	2.116	0.0	22.689	1.765	0.0	1.903	0.0	0.0	1.853	0.0	0.0	2.032	0.0	0.0	2.01	0.0
125	4498	4499	SN	1	0.0	32.527	15.762	0.0	25.595	13.354	0.0	155.462	14.46	0.0	14.576	12.219	0.0	1.898	0.0	0.0	1.961	0.0	0.0	2.064	0.0	0.0	2.098	0.0
126	4498	4499	SN	1	0.0	24.685	9.555	0.0	27.911	10.095	0.0	238.436	3.874	0.0	71.64	4.098	0.0	1.891	0.0	0.0	1.959	0.0	0.0	2.058	0.0	0.0	2.107	0.0
127	4498	4499	NS	1	0.0	28.27	8.125	0.0	25.75	8.234	0.0	356.04	2.088	0.0	46.469	1.775	0.0	1.902	0.0	0.0	1.856	0.0	0.0	2.033	0.0	0.0	2.01	0.0
128	4498	4499	NS	1	0.0	28.27	8.142	0.0	25.75	8.206	0.0	347.056	2.103	0.0	33.415	1.763	0.0	1.901	0.0	0.0	1.856	0.0	0.0	2.033	0.0	0.0	2.01	0.0
129	4498	4499	NS	1	0.0	27.233	15.006	0.0	32.279	14.12	0.0	356.498	10.817	0.0	44.545	10.156	0.0	1.909	0.0	0.0	1.863	0.0	0.0	2.039	0.0	0.0	2.011	0.0
130	4498	4499	SN	1	0.0	32.527	15.671	0.0	27.277	14.032	0.0	155.462	13.866	0.0	68.629	13.138	0.0	1.898	0.0	0.0	1.961	0.0	0.0	2.064	0.0	0.0	2.098	0.0
131	4498	4499	SN	1	0.0	31.899	15.644	0.0	27.277	14.081	0.0	155.462	13.866	0.0	65.369	13.259	0.0	1.898	0.0	0.0	1.961	0.0	0.0	2.064	0.0	0.0	2.098	0.0
132	4498	4499	NS	1	0.0	27.239	14.946	0.0	32.279	14.135	0.0	356.57	10.816	0.0	47.699	10.133	0.0	1.909	0.0	0.0	1.863	0.0	0.0	2.039	0.0	0.0	2.01	0.0
133	4498	4499	SN	1	0.0	24.685	9.551	0.0	27.906	10.153	0.0	238.436	3.872	0.0	71.877	4.14	0.0	1.891	0.0	0.0	1.959	0.0	0.0	2.058	0.0	0.0	2.107	0.0
134	4498	4499	SN	1	0.0	24.685	9.747	0.0	25.501	9.991	0.0	238.436	4.093	0.0	14.284	3.939	0.0	1.891	0.0	0.0	1.959	0.0	0.0	2.058	0.0	0.0	2.107	0.0
135	4499	4500	NS	1	0.0	28.264	8.136	0.0	25.755	8.236	0.0	347.531	2.13	0.0	41.181	1.797	0.0	1.902	0.0	0.0	1.855	0.0	0.0	2.035	0.0	0.0	2.01	0.0
136	4499	4500	SN	1	0.0	24.691	9.524	0.0	196.51	10.088	0.0	239.202	3.871	0.0	44.412	4.055	0.0	1.892	0.0	0.0	1.955	0.0	0.0	2.057	0.0	0.0	2.105	0.0
137	4499	4500	SN	1	0.0	32.39	15.7	0.0	81.404	14.13	0.0	351.424	13.782	0.0	67.266	13.065	0.0	1.902	0.0	0.0	1.943	0.0	0.0	2.06	0.0	0.0	2.122	0.0
138	4499	4500	NS	1	0.0	28.264	8.14	0.0	25.755	8.24	0.0	349.51	2.119	0.0	41.087	1.8	0.0	1.904	0.0	0.0	1.853	0.0	0.0	2.035	0.0	0.0	2.01	0.0
139	4499	4500	SN	1	0.0	24.691	9.52	0.0	196.51	10.088	0.0	221.841	3.869	0.0	44.412	4.055	0.0	1.892	0.0	0.0	1.955	0.0	0.0	2.057	0.0	0.0	2.105	0.0
140	4499	4500	NS	1	0.0	27.244	14.98	0.0	32.285	14.181	0.0	356.641	10.95	0.0	45.51	10.149	0.0	1.911	0.0	0.0	1.86	0.0	0.0	2.038	0.0	0.0	2.01	0.0
141	4499	4500	NS	1	0.0	27.239	15.031	0.0	32.279	14.161	0.0	354.463	10.95	0.0	45.411	10.227	0.0	1.911	0.0	0.0	1.858	0.0	0.0	2.038	0.0	0.0	2.011	0.0
142	4499	4500	SN	1	0.0	32.39	15.69	0.0	81.404	14.13	0.0	351.408	13.782	0.0	67.266	13.065	0.0	1.902	0.0	0.0	1.943	0.0	0.0	2.06	0.0	0.0	2.122	0.0

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

143	4500	4501	SN	1	0.0	32.285	15.601	0.0	27.283	14.11	0.0	351.479	13.797	0.0	68.066	13.037	0.0	1.896	0.0	0.0	1.964	0.0	0.0	2.063	0.0	0.0	2.124	0.0
144	4500	4501	NS	1	0.0	247.737	8.139	0.0	25.744	8.232	0.0	349.273	2.099	0.0	35.859	1.778	0.0	1.902	0.0	0.0	1.855	0.0	0.0	2.034	0.0	0.0	2.01	0.0
145	4500	4501	SN	1	0.0	24.685	9.524	0.0	27.906	10.05	0.0	189.688	3.839	0.0	68.044	4.064	0.0	1.891	0.0	0.0	1.957	0.0	0.0	2.062	0.0	0.0	2.107	0.0
146	4500	4501	NS	1	0.0	250.913	14.994	0.0	36.735	14.135	0.0	356.189	10.852	0.0	43.684	10.173	0.0	1.908	0.0	0.0	1.86	0.0	0.0	2.037	0.0	0.0	2.01	0.0
147	4501	4502	NS	1	0.0	27.239	14.984	0.0	32.301	14.174	0.0	356.156	10.816	0.0	49.762	10.13	0.0	1.909	0.0	0.0	1.86	0.0	0.0	2.037	0.0	0.0	2.01	0.0
148	4501	4502	SN	1	0.0	24.696	9.555	0.0	27.81	10.076	0.0	196.439	3.844	0.0	69.015	4.081	0.0	1.89	0.0	0.0	1.957	0.0	0.0	2.063	0.0	0.0	2.108	0.0
149	4501	4502	NS	1	0.0	28.286	8.127	0.0	25.744	8.218	0.0	348.27	2.082	0.0	35.412	1.787	0.0	1.903	0.0	0.0	1.854	0.0	0.0	2.032	0.0	0.0	2.01	0.0
150	4501	4502	SN	1	0.0	32.401	15.641	0.0	27.283	14.121	0.0	351.507	13.824	0.0	68.993	13.086	0.0	1.898	0.0	0.0	1.966	0.0	0.0	2.065	0.0	0.0	2.124	0.0
151	4502	4503	SN	1	0.0	32.301	15.671	0.0	27.305	14.111	0.0	135.857	13.845	0.0	70.101	13.107	0.0	1.894	0.0	0.0	1.955	0.0	0.0	2.066	0.0	0.0	2.118	0.0
152	4502	4503	NS	1	0.0	28.309	8.159	0.0	25.755	8.218	0.0	355.108	2.132	0.0	18.448	1.746	0.0	1.902	0.0	0.0	1.859	0.0	0.0	2.033	0.0	0.0	2.009	0.0
153	4502	4503	NS	1	0.0	28.309	8.138	0.0	25.755	8.218	0.0	355.108	2.118	0.0	35.853	1.799	0.0	1.902	0.0	0.0	1.859	0.0	0.0	2.033	0.0	0.0	2.009	0.0
154	4502	4503	NS	1	0.0	27.25	14.986	0.0	30.972	14.066	0.0	352.941	10.948	0.0	26.141	10.075	0.0	1.908	0.0	0.0	1.866	0.0	0.0	2.038	0.0	0.0	2.01	0.0
155	4502	4503	SN	1	0.0	24.696	9.539	0.0	27.867	10.087	0.0	209.531	3.861	0.0	72.313	4.097	0.0	1.89	0.0	0.0	1.958	0.0	0.0	2.067	0.0	0.0	2.108	0.0
156	4502	4503	NS	1	0.0	27.25	14.974	0.0	32.285	14.154	0.0	352.941	10.887	0.0	50.352	10.165	0.0	1.908	0.0	0.0	1.866	0.0	0.0	2.038	0.0	0.0	2.01	0.0
157	4503	4504	NS	1	0.0	27.25	15.015	0.0	32.312	14.174	0.0	347.696	10.836	0.0	51.157	10.158	0.0	1.908	0.0	0.0	1.861	0.0	0.0	2.039	0.0	0.0	2.01	0.0
158	4503	4504	SN	1	0.0	24.691	9.542	0.0	27.785	10.098	0.0	202.031	3.863	0.0	72.07	4.113	0.0	1.89	0.0	0.0	1.957	0.0	0.0	2.068	0.0	0.0	2.109	0.0
159	4503	4504	NS	1	0.0	28.253	8.158	0.0	25.755	8.232	0.0	302.854	2.114	0.0	36.564	1.794	0.0	1.901	0.0	0.0	1.855	0.0	0.0	2.033	0.0	0.0	2.01	0.0
160	4503	4504	SN	1	0.0	32.307	15.63	0.0	27.277	14.091	0.0	93.744	13.844	0.0	67.156	13.113	0.0	1.896	0.0	0.0	1.938	0.0	0.0	2.07	0.0	0.0	2.117	0.0
161	4504	4505	NS	1	0.0	27.239	15.425	0.0	30.967	13.519	0.0	351.943	11.487	0.0	13.39	9.549	0.0	1.908	0.0	0.0	1.861	0.0	0.0	2.037	0.0	0.0	2.011	0.0
162	4504	4505	SN	1	0.0	24.68	9.538	0.0	27.851	10.077	0.0	234.575	3.872	0.0	73.256	4.146	0.0	1.89	0.0	0.0	1.958	0.0	0.0	2.064	0.0	0.0	2.107	0.0
163	4504	4505	NS	1	0.0	28.215	8.177	0.0	25.75	8.254	0.0	304.552	2.142	0.0	35.45	1.794	0.0	1.902	0.0	0.0	1.855	0.0	0.0	2.034	0.0	0.0	2.01	0.0
164	4504	4505	NS	1	0.0	28.215	8.482	0.0	25.75	8.298	0.0	304.552	2.309	0.0	11.598	1.747	0.0	1.902	0.0	0.0	1.855	0.0	0.0	2.034	0.0	0.0	2.01	0.0
165	4504	4505	SN	1	0.0	36.454	15.661	0.0	27.277	14.092	0.0	96.568	13.871	0.0	77.977	13.082	0.0	1.897	0.0	0.0	1.977	0.0	0.0	2.069	0.0	0.0	2.106	0.0
166	4504	4505	NS	1	0.0	27.239	15.006	0.0	32.119	14.139	0.0	351.943	10.796	0.0	52.139	10.175	0.0	1.908	0.0	0.0	1.861	0.0	0.0	2.037	0.0	0.0	2.011	0.0
167	4505	4506	NS	1	0.0	28.242	8.768	0.0	27.029	8.426	0.0	337.791	2.453	0.0	11.593	1.863	0.0	1.903	0.0	0.0	1.86	0.0	0.0	2.033	0.0	0.0	2.01	0.0
168	4505	4506	NS	1	0.0	27.239	15.702	0.0	30.978	13.418	0.0	358.533	12.158	0.0	13.291	9.49	0.0	1.908	0.0	0.0	1.865	0.0	0.0	2.037	0.0	0.0	2.01	0.0

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