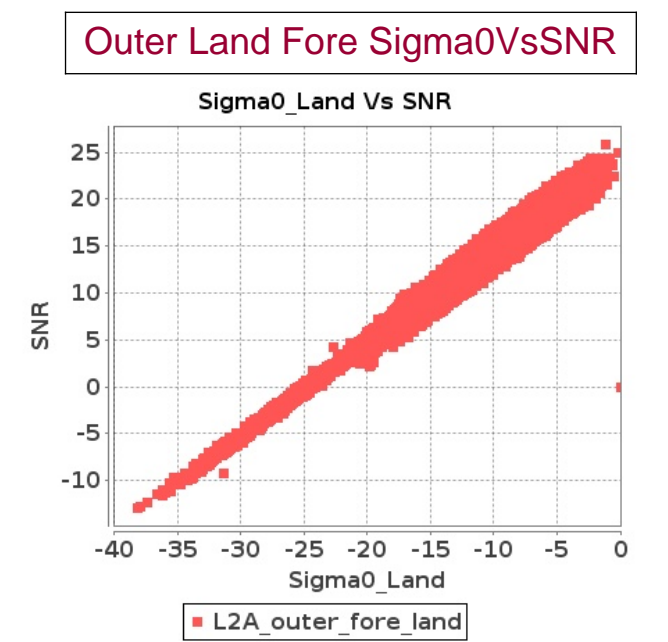
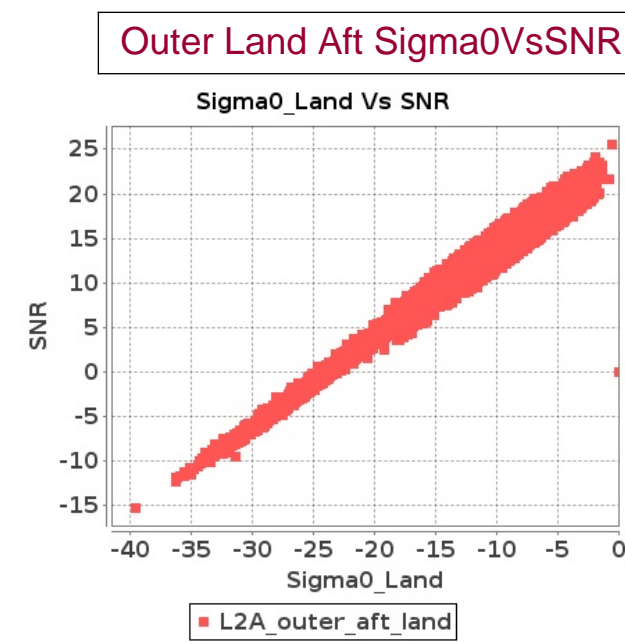
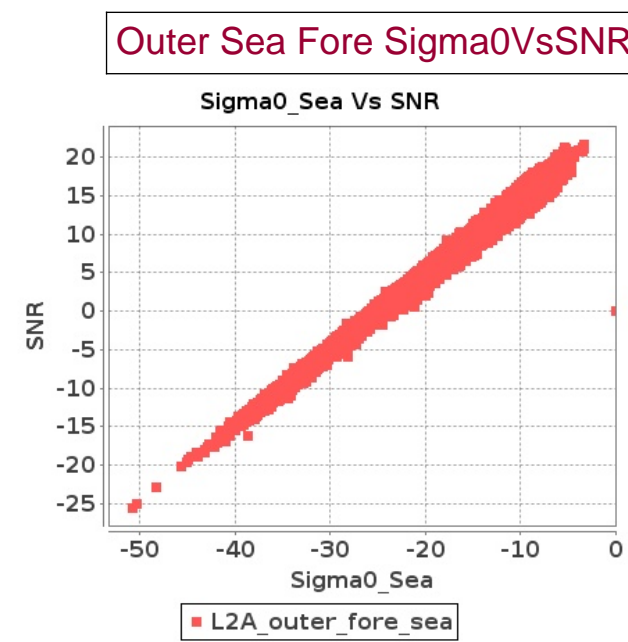
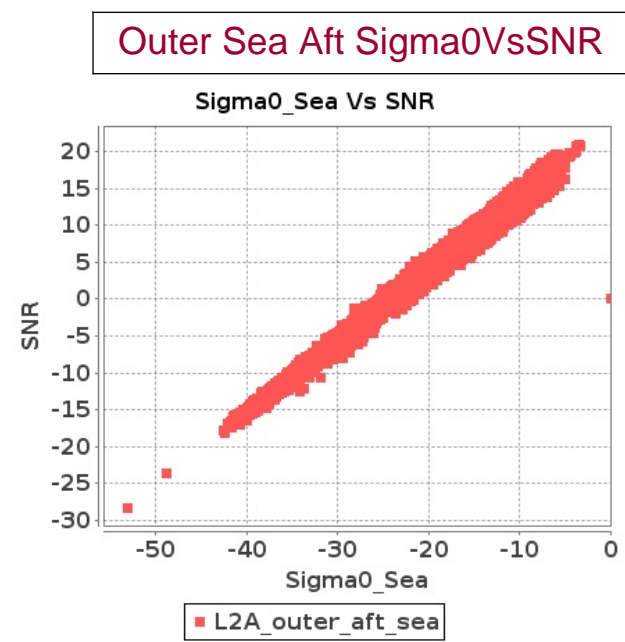
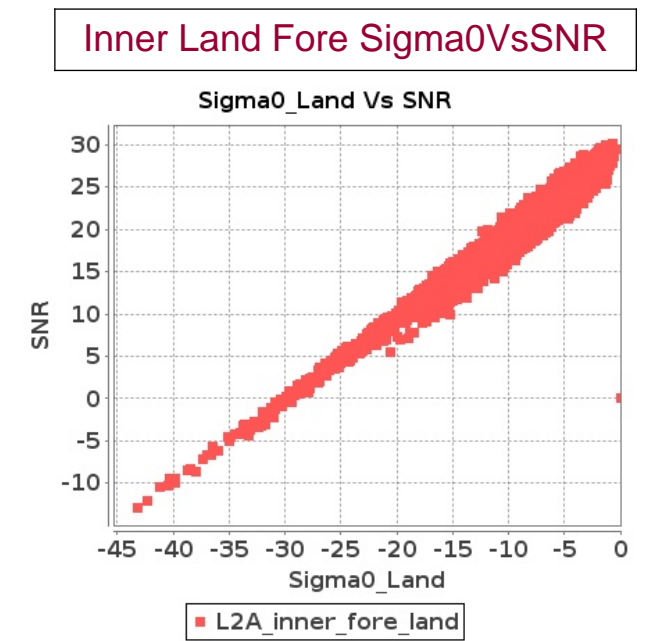
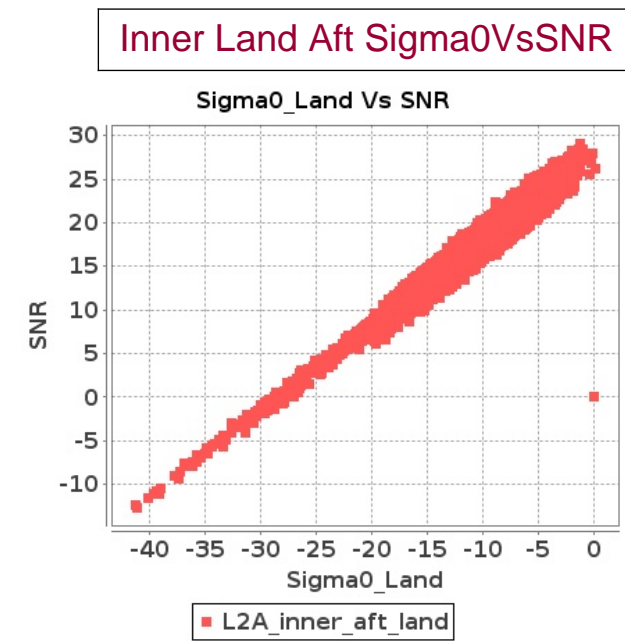
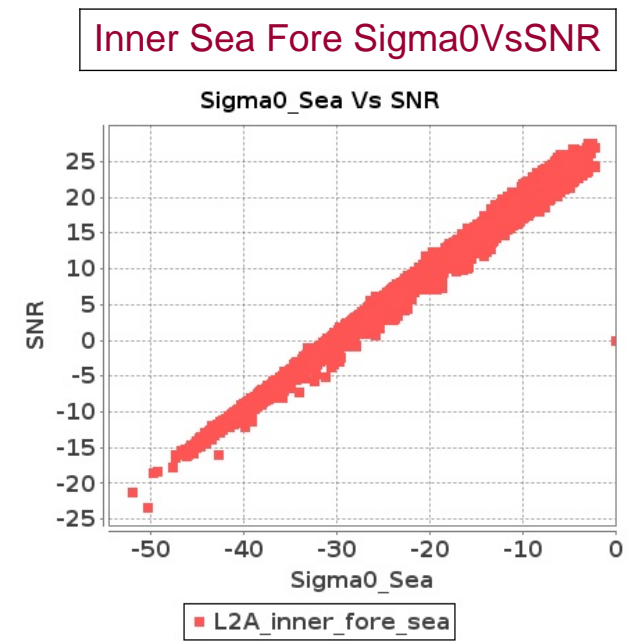
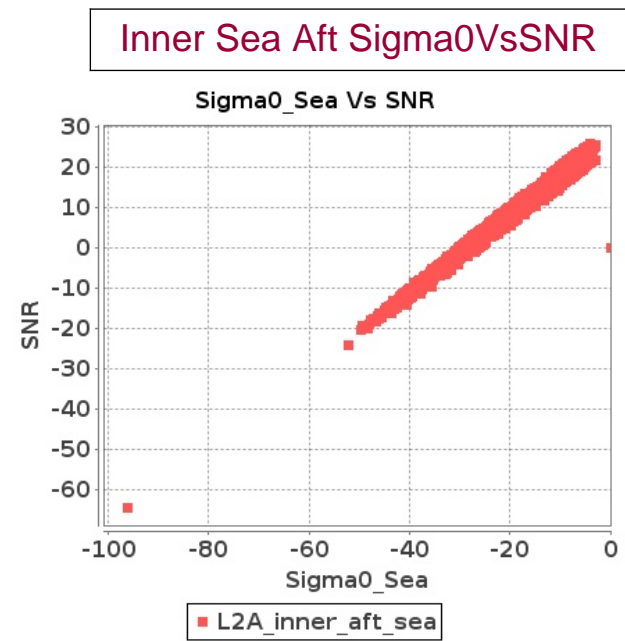


SCATSAT-1 Scatterometer Level-2A Data Quality Cycle wise Report

Report between 27-AUG-2017 To 28-AUG-2017



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

Report between 27-AUG-2017 To 28-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	4854	4855	SN	1	0.0	50.624	7.546	0.0	48.599	7.386	0.0	44.015	4.905	0.0	48.319	4.985	0.0	48.409	6.705	0.0	50.664	6.615	0.0	43.33	4.394	0.0	46.71	4.21
2	4854	4855	SN	1	0.0	50.291	7.8	0.0	50.132	7.376	0.0	47.184	5.006	0.0	46.921	4.878	0.0	47.982	6.848	0.0	49.569	6.656	0.0	44.071	4.481	0.0	42.633	4.117
3	4854	4855	SN	1	0.0	44.53	2.262	0.0	47.796	2.325	0.0	40.522	1.424	0.0	42.207	1.447	0.0	45.59	2.054	0.0	46.325	1.91	0.0	41.06	1.254	0.0	39.215	1.198
4	4854	4855	SN	1	0.0	49.185	2.275	0.0	46.774	2.325	0.0	40.527	1.459	0.0	40.084	1.45	0.0	47.906	2.043	0.0	46.233	1.887	0.0	42.049	1.236	0.0	37.585	1.205
5	4854	4855	SN	1	0.0	49.185	2.334	0.0	46.774	2.404	0.0	40.527	1.447	0.0	40.084	1.5	0.0	47.906	2.099	0.0	46.233	1.961	0.0	42.049	1.225	0.0	37.585	1.246
6	4854	4855	SN	1	0.0	50.624	7.672	0.0	48.599	7.622	0.0	44.015	4.731	0.0	48.319	5.165	0.0	48.409	6.799	0.0	50.664	6.844	0.0	43.33	4.284	0.0	46.71	4.38
7	4855	4856	SN	1	0.0	54.741	4.733	0.0	55.217	4.633	0.0	42.224	3.574	0.0	41.371	4.101	0.0	52.156	4.054	0.0	54.528	3.7	0.0	41.198	2.877	0.0	41.9	3.276
8	4855	4856	SN	1	0.0	54.741	4.729	0.0	55.217	4.633	0.0	42.224	3.577	0.0	41.371	4.101	0.0	52.156	4.051	0.0	54.528	3.7	0.0	41.198	2.881	0.0	41.9	3.276
9	4855	4856	SN	1	0.0	54.741	4.586	0.0	55.217	4.642	0.0	42.224	3.603	0.0	41.177	4.085	0.0	52.156	3.917	0.0	54.528	3.695	0.0	41.198	2.911	0.0	41.9	3.241
10	4855	4856	NS	1	0.0	47.111	5.839	0.0	50.395	4.315	0.0	48.888	3.758	0.0	43.96	3.338	0.0	44.684	5.079	0.0	54.857	3.888	0.0	48.894	3.36	0.0	43.193	2.882
11	4855	4856	NS	1	0.0	47.111	5.839	0.0	50.395	4.315	0.0	48.888	3.758	0.0	43.96	3.338	0.0	44.684	5.079	0.0	54.857	3.888	0.0	48.894	3.36	0.0	43.193	2.882
12	4855	4856	SN	1	0.0	55.986	1.628	0.0	46.296	1.581	0.0	41.319	1.091	0.0	41.017	1.233	0.0	51.7	1.265	0.0	45.893	1.261	0.0	38.741	0.886	0.0	37.83	1.01
13	4855	4856	NS	1	0.0	46.856	1.878	0.0	47.974	1.381	0.0	41.444	1.124	0.0	40.183	1.042	0.0	44.215	1.528	0.0	45.524	1.205	0.0	39.321	0.94	0.0	43.447	0.85
14	4855	4856	SN	1	0.0	55.986	1.625	0.0	46.296	1.585	0.0	41.319	1.09	0.0	41.017	1.235	0.0	51.7	1.261	0.0	45.893	1.262	0.0	38.741	0.886	0.0	37.83	1.011
15	4855	4856	SN	1	0.0	55.986	1.612	0.0	46.296	1.589	0.0	41.319	1.074	0.0	41.017	1.234	0.0	51.7	1.243	0.0	45.893	1.269	0.0	38.741	0.872	0.0	37.83	1.009
16	4855	4856	NS	1	0.0	46.856	1.878	0.0	47.974	1.381	0.0	41.444	1.124	0.0	40.183	1.042	0.0	44.215	1.528	0.0	45.524	1.205	0.0	39.321	0.94	0.0	43.447	0.85
17	4856	4857	SN	1	0.0	45.128	2.235	0.0	46.475	2.061	0.0	45.545	1.622	0.0	39.21	1.815	0.0	45.192	1.902	0.0	46.75	1.817	0.0	42.201	1.399	0.0	37.784	1.521
18	4856	4857	SN	1	0.0	47.043	6.786	0.0	48.062	5.444	0.0	45.731	4.916	0.0	45.035	5.142	0.0	44.93	6.098	0.0	46.176	5.085	0.0	42.49	4.362	0.0	46.951	4.573
19	4856	4857	NS	1	0.0	40.646	4.043	0.0	55.782	3.306	0.0	46.455	2.606	0.0	42.963	2.653	0.0	39.025	3.283	0.0	56.143	2.787	0.0	43.241	2.087	0.0	43.152	2.146
20	4856	4857	NS	1	0.0	48.212	4.033	0.0	54.768	3.326	0.0	43.581	2.577	0.0	41.658	2.653	0.0	47.066	3.253	0.0	55.128	2.797	0.0	40.473	2.038	0.0	43.118	2.161
21	4856	4857	SN	1	0.0	47.043	6.786	0.0	48.062	5.444	0.0	45.731	4.916	0.0	45.035	5.142	0.0	44.93	6.098	0.0	46.176	5.085	0.0	42.49	4.362	0.0	46.951	4.573
22	4856	4857	SN	1	0.0	47.043	6.773	0.0	48.062	5.426	0.0	45.731	4.981	0.0	45.035	5.133	0.0	44.93	6.074	0.0	46.176	5.051	0.0	42.49	4.392	0.0	46.951	4.557
23	4856	4857	NS	1	0.0	45.287	1.23	0.0	46.921	0.962	0.0	44.538	0.767	0.0	36.894	0.791	0.0	43.731	0.966	0.0	45.908	0.749	0.0	40.296	0.629	0.0	36.782	0.651
24	4856	4857	NS	1	0.0	41.942	1.212	0.0	46.899	0.957	0.0	47.411	0.764	0.0	36.395	0.779	0.0	42.29	0.97	0.0	46.621	0.747	0.0	43.17	0.634	0.0	36.63	0.636
25	4856	4857	SN	1	0.0	45.128	2.235	0.0	46.475	2.061	0.0	45.545	1.622	0.0	39.21	1.815	0.0	45.192	1.902	0.0	46.75	1.817	0.0	42.201	1.399	0.0	37.784	1.521
26	4856	4857	SN	1	0.0	45.128	2.215	0.0	46.475	2.044	0.0	45.545	1.638	0.0	39.21	1.806	0.0	45.192	1.879	0.0	46.75	1.8	0.0	42.201	1.422	0.0	37.784	1.519
27	4857	4858	SN	1	0.0	53.031	9.086	0.0	53.783	7.804	0.0	39.858	7.492	0.0	45.636	6.67	0.0	52.656	8.073	0.0	52.812	7.215	0.0	40.659	6.818	0.0	44.01	6.5
28	4857	4858	NS	1	0.0	58.15	5.303	0.0	55.496	4.05	0.0	44.554	3.702	0.0	49.003	3.595	0.0	57.214	4.604	0.0	57.785	3.531	0.0	46.849	3.219	0.0	48.715	2.967
29	4857	4858	NS	1	0.0	48.925	1.718	0.0	50.423	1.231	0.0	37.289	1.133	0.0	44.458	1.022	0.0	45.852	1.411	0.0	46.208	1.023	0.0	37.763	0.995	0.0	41.879	0.886
30	4857	4858	SN	1	0.0	51.217	3.01	0.0	47.454	2.559	0.0	40.173	2.4	0.0	44.796	2.326	0.0	48.483	2.645	0.0	45.408	2.304	0.0	35.559	2.308	0.0	42.536	2.198
31	4857	4858	NS	1	0.0	48.925	1.718	0.0	50.423	1.231	0.0	37.289	1.133	0.0	44.458	1.022	0.0	45.852	1.411	0.0	46.208	1.023	0.0	37.763	0.995	0.0	41.879	0.886

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

32	4857	4858	SN	1	0.0	41.178	9.085	0.0	53.783	7.821	0.0	39.858	7.544	0.0	45.636	6.734	0.0	43.57	8.074	0.0	52.812	7.273	0.0	40.659	6.834	0.0	44.01	6.56
33	4857	4858	SN	1	0.0	42.459	3.002	0.0	47.454	2.584	0.0	40.173	2.411	0.0	44.796	2.348	0.0	42.016	2.632	0.0	45.408	2.328	0.0	35.559	2.31	0.0	42.536	2.229
34	4857	4858	SN	1	0.0	51.217	3.011	0.0	47.454	2.563	0.0	40.173	2.4	0.0	44.796	2.327	0.0	48.483	2.643	0.0	45.408	2.307	0.0	35.559	2.308	0.0	42.536	2.199
35	4857	4858	SN	1	0.0	53.031	9.085	0.0	53.783	7.804	0.0	39.858	7.49	0.0	45.636	6.67	0.0	52.656	8.083	0.0	52.812	7.215	0.0	40.659	6.816	0.0	44.01	6.5
36	4857	4858	NS	1	0.0	58.15	5.303	0.0	55.496	4.05	0.0	44.554	3.702	0.0	49.003	3.595	0.0	57.214	4.604	0.0	57.785	3.531	0.0	46.849	3.219	0.0	48.715	2.967
37	4858	4859	SN	1	0.0	42.154	5.712	0.0	44.773	4.904	0.0	40.814	4.735	0.0	42.326	4.59	0.0	42.159	4.949	0.0	43.314	4.308	0.0	40.075	4.289	0.0	41.537	4.179
38	4858	4859	NS	1	0.0	50.485	4.764	0.0	51.896	3.978	0.0	45.072	2.948	0.0	40.567	2.796	0.0	52.093	4.217	0.0	50.545	3.55	0.0	42.995	2.621	0.0	41.576	2.432
39	4858	4859	SN	1	0.0	41.276	2.138	0.0	42.521	1.81	0.0	38.639	1.728	0.0	35.812	1.524	0.0	38.617	1.801	0.0	42.311	1.549	0.0	36.746	1.463	0.0	35.544	1.382
40	4858	4859	SN	1	0.0	41.276	2.193	0.0	42.521	1.838	0.0	38.639	1.718	0.0	35.812	1.54	0.0	38.617	1.846	0.0	42.311	1.581	0.0	36.746	1.461	0.0	35.544	1.389
41	4858	4859	NS	1	0.0	50.231	4.744	0.0	48.955	3.927	0.0	45.315	2.934	0.0	40.431	2.774	0.0	51.839	4.227	0.0	49.373	3.51	0.0	43.238	2.643	0.0	41.752	2.418
42	4858	4859	NS	1	0.0	46.843	1.291	0.0	44.885	1.111	0.0	38.576	0.705	0.0	38.921	0.647	0.0	45.459	1.133	0.0	45.958	0.973	0.0	39.067	0.599	0.0	40.832	0.562
43	4858	4859	SN	1	0.0	41.276	2.191	0.0	42.521	1.838	0.0	38.639	1.72	0.0	35.812	1.542	0.0	38.617	1.843	0.0	42.311	1.581	0.0	36.746	1.462	0.0	35.544	1.393
44	4858	4859	SN	1	0.0	42.154	6.02	0.0	44.773	5.16	0.0	40.814	4.817	0.0	42.326	4.691	0.0	45.461	5.209	0.0	43.314	4.582	0.0	40.075	4.384	0.0	41.537	4.264
45	4858	4859	SN	1	0.0	42.154	6.025	0.0	44.773	5.16	0.0	41.88	4.833	0.0	42.326	4.691	0.0	45.359	5.215	0.0	43.314	4.582	0.0	40.075	4.393	0.0	41.537	4.264
46	4858	4859	NS	1	0.0	46.894	1.289	0.0	52.392	1.114	0.0	39.176	0.711	0.0	39.156	0.649	0.0	45.509	1.133	0.0	49.26	0.973	0.0	39.007	0.606	0.0	38.22	0.56
47	4859	4860	SN	1	0.0	49.798	9.275	0.0	50.575	7.954	0.0	38.409	6.266	0.0	40.988	6.584	0.0	51.202	8.597	0.0	49.354	7.457	0.0	41.529	5.769	0.0	40.115	5.915
48	4859	4860	NS	1	0.0	46.441	8.28	0.0	51.326	7.476	0.0	46.286	6.511	0.0	44.732	6.39	0.0	48.275	7.824	0.0	50.537	6.785	0.0	45.977	6.262	0.0	43.133	5.819
49	4859	4860	NS	1	0.0	48.45	8.311	0.0	51.187	7.548	0.0	48.407	6.497	0.0	47.054	6.283	0.0	48.323	7.915	0.0	50.396	6.795	0.0	49.321	6.319	0.0	45.819	5.848
50	4859	4860	SN	1	0.0	49.798	9.281	0.0	50.575	7.954	0.0	38.409	6.263	0.0	40.988	6.584	0.0	51.202	8.602	0.0	49.354	7.457	0.0	41.529	5.766	0.0	40.115	5.915
51	4859	4860	SN	1	0.0	45.708	3.011	0.0	48.559	2.793	0.0	38.632	2.229	0.0	40.106	2.16	0.0	43.023	2.607	0.0	50.577	2.517	0.0	38.572	1.999	0.0	38.915	1.954
52	4859	4860	NS	1	0.0	44.846	2.974	0.0	47.858	2.526	0.0	44.758	1.974	0.0	40.994	1.931	0.0	45.754	2.741	0.0	48.364	2.313	0.0	44.896	1.848	0.0	39.345	1.741
53	4859	4860	SN	1	0.0	45.708	3.004	0.0	48.559	2.732	0.0	38.632	2.21	0.0	40.106	2.081	0.0	43.023	2.61	0.0	50.577	2.462	0.0	38.572	1.987	0.0	38.915	1.886
54	4859	4860	NS	1	0.0	47.159	2.965	0.0	48.056	2.514	0.0	44.564	1.974	0.0	39.628	1.925	0.0	47.564	2.735	0.0	48.559	2.259	0.0	47.548	1.847	0.0	40.088	1.73
55	4859	4860	SN	1	0.0	49.798	9.052	0.0	50.575	7.941	0.0	38.409	6.223	0.0	40.988	6.72	0.0	51.202	8.375	0.0	49.354	7.485	0.0	41.529	5.777	0.0	40.115	6.08
56	4859	4860	SN	1	0.0	45.708	2.998	0.0	48.559	2.736	0.0	38.632	2.215	0.0	40.106	2.083	0.0	43.023	2.605	0.0	50.577	2.465	0.0	38.572	1.985	0.0	38.915	1.888
57	4860	4861	SN	1	0.0	48.351	10.291	0.0	52.872	10.483	0.0	41.573	7.404	0.0	48.189	8.057	0.0	50.404	9.632	0.0	52.137	9.803	0.0	44.807	7.127	0.0	46.092	7.488
58	4860	4861	NS	1	0.0	46.179	2.785	0.0	50.268	2.21	0.0	41.814	1.84	0.0	43.905	1.606	0.0	45.317	2.411	0.0	49.956	1.936	0.0	41.342	1.553	0.0	42.738	1.407
59	4860	4861	NS	1	0.0	44.13	2.752	0.0	51.065	2.257	0.0	38.045	1.874	0.0	42.488	1.65	0.0	42.097	2.384	0.0	51.218	1.994	0.0	37.633	1.574	0.0	42.477	1.457
60	4860	4861	NS	1	0.0	55.135	8.616	0.0	54.56	7.164	0.0	46.073	6.033	0.0	47.406	5.292	0.0	57.036	7.532	0.0	54.352	6.228	0.0	45.467	5.514	0.0	47.145	4.615
61	4860	4861	SN	1	0.0	44.8	3.532	0.0	49.298	3.67	0.0	41.956	2.374	0.0	42.573	2.562	0.0	43.286	3.18	0.0	49.965	3.377	0.0	41.238	2.326	0.0	43.155	2.299
62	4860	4861	SN	1	0.0	48.351	10.284	0.0	52.872	10.483	0.0	41.573	7.407	0.0	48.189	8.057	0.0	50.404	9.625	0.0	52.137	9.803	0.0	44.807	7.13	0.0	46.092	7.488
63	4860	4861	SN	1	0.0	44.8	3.632	0.0	49.298	3.771	0.0	41.956	2.454	0.0	42.573	2.648	0.0	43.286	3.281	0.0	49.965	3.467	0.0	41.238	2.403	0.0	43.155	2.388
64	4860	4861	SN	1	0.0	48.351	10.435	0.0	52.872	10.532	0.0	41.573	7.498	0.0	48.189	8.319	0.0	50.404	9.775	0.0	52.137	9.914	0.0	44.807	7.278	0.0	46.092	7.719
65	4860	4861	SN	1	0.0	44.8	3.533	0.0	49.298	3.666	0.0	41.956	2.374	0.0	42.573	2.559	0.0	43.286	3.182	0.0	49.965	3.372	0.0	41.238	2.326	0.0	43.155	2.298
66	4860	4861	NS	1	0.0	57.633	8.464	0.0	53.341	7.215	0.0	44.653	5.898	0.0	43.909	5.235	0.0	59.536	7.592	0.0	53.549	6.279	0.0	43.634	5.493	0.0	43.646	4.65
67	4861	4862	NS	1	0.0	45.935	8.362	0.0	45.434	6.592	0.0	43.002	4.907	0.0	46.252	4.978	0.0	47.097	7.561	0.0	45.463	5.982	0.0	41.476	4.424	0.0	47.556	4.543

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		



68	4861	4862	SN	1	0.0	50.68	9.202	0.0	54.621	9.36	0.0	44.486	6.608	0.0	52.231	6.575	0.0	50.247	8.615	0.0	55.658	8.843	0.0	47.695	6.047	0.0	50.205	6.063
69	4861	4862	SN	1	0.0	50.68	9.214	0.0	54.621	9.34	0.0	44.486	6.599	0.0	52.231	6.589	0.0	50.247	8.637	0.0	55.658	8.843	0.0	47.695	6.038	0.0	50.205	6.078
70	4861	4862	SN	1	0.0	49.656	3.047	0.0	49.424	3.075	0.0	42.306	1.647	0.0	42.73	1.838	0.0	48.823	2.788	0.0	46.496	2.835	0.0	42.338	1.528	0.0	43.615	1.676
71	4861	4862	NS	1	0.0	41.504	2.6	0.0	45.813	2.08	0.0	42.167	1.609	0.0	40.157	1.632	0.0	41.121	2.324	0.0	44.163	1.84	0.0	38.083	1.43	0.0	38.372	1.426
72	4861	4862	SN	1	0.0	49.656	3.048	0.0	49.424	3.072	0.0	42.306	1.65	0.0	42.73	1.833	0.0	48.823	2.789	0.0	46.496	2.837	0.0	42.338	1.531	0.0	43.615	1.677
73	4861	4862	SN	1	0.661	50.68	9.499	0.0	54.621	9.359	0.0	44.486	6.762	0.0	52.231	6.543	0.752	50.247	8.888	0.0	55.658	8.869	0.0	47.695	6.271	0.0	50.205	6.02
74	4861	4862	SN	1	0.0	49.656	3.197	0.0	49.424	3.123	0.0	42.306	1.713	0.0	42.73	1.835	0.0	48.823	2.932	0.0	46.496	2.9	0.0	42.338	1.588	0.0	43.615	1.687
75	4862	4863	SN	1	0.0	43.336	1.276	0.0	52.651	1.289	0.0	40.559	0.834	0.0	37.382	1.026	0.0	39.334	1.075	0.0	53.444	1.106	0.0	38.887	0.746	0.0	39.337	0.826
76	4862	4863	NS	1	0.0	47.112	9.375	1.084	46.778	7.693	0.0	42.236	6.25	0.0	45.087	5.791	0.0	47.019	8.422	1.121	48.613	6.716	0.0	42.924	5.604	0.0	47.708	5.156
77	4862	4863	NS	1	0.0	48.689	3.197	0.0	49.041	2.401	0.0	41.252	1.833	0.0	39.39	1.767	0.0	46.391	2.701	0.0	46.407	2.096	0.0	39.984	1.611	0.0	38.803	1.59
78	4862	4863	SN	1	0.0	46.286	4.69	0.0	47.768	4.596	0.0	47.813	2.775	0.0	42.598	3.548	0.0	45.408	3.961	0.0	44.346	4.211	0.0	46.825	2.519	0.0	42.9	3.015
79	4862	4863	NS	1	0.0	48.802	3.184	0.0	49.66	2.383	0.0	41.908	1.859	0.0	40.27	1.767	0.0	46.503	2.685	0.0	47.17	2.066	0.0	41.431	1.616	0.0	37.005	1.586
80	4862	4863	SN	1	0.0	43.336	1.276	0.0	52.651	1.289	0.0	40.559	0.834	0.0	37.382	1.026	0.0	39.334	1.075	0.0	53.444	1.106	0.0	38.887	0.746	0.0	39.337	0.826
81	4862	4863	NS	1	0.0	46.893	9.365	1.094	55.633	7.724	0.0	43.389	6.214	0.0	45.426	5.791	0.0	47.019	8.432	1.121	52.227	6.716	0.0	42.866	5.611	0.0	46.377	5.121
82	4862	4863	SN	1	0.0	46.286	4.69	0.0	47.768	4.596	0.0	47.813	2.775	0.0	42.598	3.548	0.0	45.408	3.961	0.0	44.346	4.211	0.0	46.825	2.519	0.0	42.9	3.015
83	4863	4864	SN	1	0.0	48.915	4.284	0.0	47.714	4.08	0.0	43.42	3.131	0.0	44.475	3.463	0.0	47.372	3.677	0.0	48.925	3.522	0.0	40.55	2.655	0.0	44.366	3.015
84	4863	4864	NS	1	0.0	53.693	2.93	0.0	44.051	1.958	0.0	41.112	1.82	0.0	43.296	1.547	0.0	52.328	2.445	0.0	44.639	1.723	0.0	40.783	1.618	0.0	40.345	1.267
85	4863	4864	SN	1	0.0	43.486	1.407	0.0	42.519	1.217	0.0	47.502	1.043	0.0	42.988	1.199	0.0	41.55	1.118	0.0	39.999	0.957	0.0	42.896	0.864	0.0	42.738	0.975
86	4863	4864	NS	1	0.0	53.693	2.93	0.0	44.051	1.958	0.0	41.112	1.82	0.0	43.296	1.547	0.0	52.328	2.445	0.0	44.639	1.723	0.0	40.783	1.618	0.0	40.345	1.267
87	4863	4864	NS	1	0.0	47.191	8.633	0.0	45.452	7.136	0.0	45.759	5.538	0.0	43.697	5.008	0.0	51.236	8.228	0.0	46.843	6.497	0.0	43.678	5.154	0.0	42.552	4.382
88	4863	4864	NS	1	0.0	47.191	8.633	0.0	45.452	7.136	0.0	45.759	5.538	0.0	43.697	5.008	0.0	51.236	8.228	0.0	46.843	6.497	0.0	43.678	5.154	0.0	42.552	4.382
89	4864	4865	SN	1	0.0	54.782	7.868	0.0	51.681	7.394	0.0	47.317	4.79	0.0	46.464	4.877	0.0	53.955	6.814	0.0	53.318	6.724	0.0	49.516	4.527	0.0	46.437	4.322
90	4864	4865	NS	1	0.0	49.588	2.03	0.0	46.125	1.828	0.0	49.506	1.487	0.0	42.55	1.428	0.0	49.299	1.699	0.0	48.491	1.55	0.0	45.618	1.286	0.0	41.874	1.184
91	4864	4865	NS	1	0.0	48.274	6.484	0.0	49.182	5.671	0.0	45.777	4.345	0.0	45.969	4.225	0.0	47.66	5.856	0.0	50.418	5.244	0.0	45.076	3.877	0.0	45.099	3.585
92	4864	4865	SN	1	0.0	46.54	2.224	0.0	50.143	2.098	0.0	43.978	1.262	0.0	40.975	1.365	0.0	48.37	1.902	0.0	49.915	1.787	0.0	43.27	1.156	0.0	41.701	1.154
93	4865	4866	NS	1	0.0	46.978	2.303	0.0	40.694	1.914	0.0	36.941	1.52	0.0	38.129	1.518	0.0	49.855	2.003	0.0	39.813	1.677	0.0	36.999	1.331	0.0	36.083	1.305
94	4865	4866	NS	1	0.0	49.834	6.535	0.0	42.844	6.036	0.0	43.779	4.458	0.0	44.659	4.367	0.0	48.977	6.008	0.0	45.055	5.265	0.0	46.89	4.153	0.0	46.631	3.883
95	4865	4866	SN	1	0.0	46.645	1.977	0.0	42.31	1.884	0.0	40.476	1.292	0.0	48.078	1.343	0.0	47.788	1.733	0.0	42.631	1.73	0.0	39.725	1.156	0.0	44.814	1.106
96	4865	4866	SN	1	0.0	51.922	6.632	0.0	57.016	6.298	0.0	43.099	4.875	0.0	44.79	5.061	0.0	53.438	5.934	0.0	58.756	5.822	0.0	44.076	4.272	0.0	45.786	4.471
97	4866	4867	SN	1	0.0	45.697	8.013	0.0	47.061	6.828	0.0	52.207	6.545	0.0	44.322	6.585	0.0	45.45	7.78	0.0	47.964	6.656	0.0	51.841	6.609	0.0	43.05	6.101
98	4866	4867	SN	1	0.0	46.551	2.825	0.0	46.995	2.641	0.0	46.54	2.258	0.0	39.54	2.131	0.0	47.715	2.755	0.0	50.053	2.498	0.0	46.611	2.344	0.0	37.75	1.938
99	4866	4867	NS	1	0.0	40.774	2.123	0.0	40.883	1.768	0.0	37.009	1.705	0.0	36.104	1.356	0.0	41.587	1.807	0.0	43.374	1.477	0.0	38.23	1.478	0.0	36.29	1.16
100	4866	4867	NS	1	0.0	43.99	6.217	0.0	43.751	5.385	0.0	40.267	5.014	0.0	41.138	4.242	0.0	42.484	5.562	0.0	44.713	4.906	0.0	37.879	4.671	0.0	42.184	3.775
101	4866	4867	NS	1	0.0	40.774	2.178	0.0	40.883	1.814	0.0	37.009	1.75	0.0	36.104	1.389	0.0	41.587	1.854	0.0	43.374	1.515	0.0	38.23	1.517	0.0	36.29	1.189
102	4866	4867	NS	1	0.0	43.99	6.059	0.0	43.751	5.248	0.0	40.267	4.893	0.0	41.138	4.134	0.0	42.484	5.421	0.0	44.713	4.781	0.0	37.879	4.553	0.0	42.184	3.678
103	4867	4868	NS	1	0.0	48.167	10.539	0.0	53.413	10.405	0.0	52.536	7.246	0.0	46.402	7.952	0.0	50.09	9.936	0.0	51.567	9.624	0.0	51.02	6.933	0.0	44.074	7.302

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

104	4867	4868	NS	1	0.0	42.892	3.613	0.0	49.057	3.305	0.0	42.434	2.368	0.0	42.654	2.396	0.0	42.78	3.333	0.0	49.383	3.106	0.0	42.714	2.169	0.0	39.478	2.106
105	4869	4870	SN	1	0.0	51.857	8.833	0.0	54.979	8.651	0.0	46.514	5.598	0.0	47.199	5.91	0.0	51.883	8.294	0.0	56.976	8.142	0.0	49.741	5.169	0.0	46.723	5.124
106	4869	4870	SN	1	0.0	51.857	8.793	0.0	54.979	8.565	0.0	46.514	5.545	0.0	47.199	5.895	0.0	51.883	8.246	0.0	56.976	8.078	0.0	49.741	5.105	0.0	46.723	5.113
107	4869	4870	SN	1	0.0	50.983	2.499	0.0	52.406	2.537	0.0	45.912	1.568	0.0	44.362	1.601	0.0	48.864	2.133	0.0	50.739	2.282	0.0	45.514	1.389	0.0	42.209	1.386
108	4869	4870	SN	1	0.0	50.983	2.499	0.0	52.406	2.536	0.0	45.912	1.568	0.0	44.362	1.601	0.0	48.864	2.134	0.0	50.739	2.28	0.0	45.514	1.389	0.0	42.209	1.385
109	4869	4870	NS	1	0.0	52.646	12.995	0.0	53.783	12.445	0.0	48.273	7.909	0.0	49.278	7.945	0.0	54.175	11.911	0.0	53.561	11.825	0.0	50.584	7.724	0.0	49.333	7.396
110	4869	4870	NS	1	0.0	51.486	3.857	0.0	53.8	3.618	0.0	43.71	2.287	0.0	40.205	2.238	0.0	48.39	3.509	0.0	55.337	3.301	0.0	42.864	2.096	0.0	40.51	1.961
111	4869	4870	NS	1	0.0	51.486	3.857	0.0	53.8	3.618	0.0	43.71	2.287	0.0	40.205	2.238	0.0	48.39	3.509	0.0	55.337	3.301	0.0	42.864	2.096	0.0	40.51	1.961
112	4869	4870	SN	1	0.0	51.857	8.794	0.0	54.979	8.565	0.0	46.514	5.546	0.0	47.199	5.895	0.0	51.883	8.247	0.0	56.976	8.078	0.0	49.741	5.106	0.0	46.723	5.113
113	4869	4870	SN	1	0.0	50.983	2.5	0.0	52.406	2.554	0.0	45.912	1.573	0.0	44.362	1.593	0.0	48.864	2.145	0.0	50.739	2.3	0.0	45.514	1.402	0.0	42.209	1.375
114	4869	4870	NS	1	0.0	52.646	12.995	0.0	53.783	12.445	0.0	48.273	7.909	0.0	49.278	7.945	0.0	54.175	11.911	0.0	53.561	11.825	0.0	50.584	7.724	0.0	49.333	7.396
115	4870	4871	SN	1	0.0	50.115	5.438	0.0	47.541	4.704	0.0	44.801	4.116	0.0	45.636	3.895	0.0	50.883	5.023	0.0	47.192	4.38	0.0	42.916	3.712	0.0	43.913	3.54
116	4870	4871	NS	1	0.0	57.217	5.352	0.0	55.347	5.006	0.0	42.689	3.764	0.0	46.546	3.417	0.0	54.442	5.068	0.0	55.269	4.67	0.0	46.767	3.402	0.0	44.76	3.217
117	4870	4871	NS	1	0.0	56.636	5.433	0.0	55.76	5.067	0.0	47.898	3.757	0.0	48.563	3.345	0.0	53.866	5.119	0.0	55.683	4.721	0.0	46.691	3.522	0.0	47.857	3.181
118	4870	4871	SN	1	0.0	45.476	1.686	0.0	45.483	1.613	0.0	42.19	1.353	0.0	42.843	1.215	0.0	46.941	1.478	0.0	43.791	1.419	0.0	39.945	1.098	0.0	45.124	1.002
119	4870	4871	NS	1	0.0	46.056	1.676	0.0	56.278	1.44	0.0	39.334	1.138	0.0	43.978	1.03	0.0	43.82	1.449	0.0	55.044	1.35	0.0	40.46	1.047	0.0	45.649	0.961
120	4870	4871	SN	1	0.0	45.476	1.686	0.0	45.483	1.613	0.0	42.19	1.353	0.0	42.843	1.215	0.0	46.941	1.478	0.0	43.791	1.419	0.0	39.945	1.098	0.0	45.124	1.002
121	4870	4871	SN	1	0.0	50.115	5.438	0.0	47.541	4.764	0.0	44.801	3.97	0.0	45.636	3.866	0.0	50.883	5.007	0.0	47.192	4.436	0.0	42.916	3.582	0.0	43.913	3.506
122	4870	4871	SN	1	0.0	50.115	5.438	0.0	47.541	4.764	0.0	44.801	3.97	0.0	45.636	3.866	0.0	50.883	5.007	0.0	47.192	4.436	0.0	42.916	3.582	0.0	43.913	3.506
123	4870	4871	SN	1	0.0	45.476	1.7	0.0	45.483	1.595	0.0	42.19	1.381	0.0	42.843	1.221	0.0	46.941	1.488	0.0	43.791	1.401	0.0	39.945	1.125	0.0	45.124	1.019
124	4870	4871	NS	1	0.0	46.631	1.658	0.0	55.957	1.449	0.0	37.337	1.138	0.0	42.213	1.025	0.0	44.396	1.46	0.0	54.721	1.35	0.0	36.994	1.051	0.0	42.558	0.954
125	4871	4872	NS	1	0.0	51.186	4.367	0.0	42.634	3.154	0.0	47.833	2.471	0.0	44.343	2.439	0.0	50.477	3.435	0.0	42.777	2.543	0.0	49.304	1.981	0.0	46.684	1.783
126	4871	4872	SN	1	0.0	44.181	7.036	0.0	49.075	6.367	0.0	45.05	5.509	0.0	42.482	5.047	0.0	44.393	6.892	0.0	48.071	5.965	0.0	46.482	4.947	0.0	45.888	4.78
127	4871	4872	SN	1	0.0	44.181	7.083	0.0	49.075	6.422	0.0	45.05	5.582	0.0	42.482	5.076	0.0	44.393	6.951	0.0	48.071	6.016	0.0	46.482	5.043	0.0	45.888	4.813
128	4871	4872	SN	1	0.0	44.181	7.079	0.0	49.075	6.412	0.0	45.05	5.577	0.0	42.482	5.076	0.0	44.393	6.948	0.0	48.071	6.006	0.0	46.482	5.038	0.0	45.888	4.813
129	4871	4872	SN	1	0.0	43.789	2.504	0.0	44.523	2.081	0.0	38.24	1.886	0.0	42.112	1.865	0.0	41.678	2.303	0.0	43.493	1.855	0.0	40.086	1.586	0.0	39.957	1.633
130	4871	4872	NS	1	0.0	45.039	1.252	0.0	44.612	0.891	0.0	42.993	0.833	0.0	43.933	0.721	0.0	44.568	0.986	0.0	44.082	0.646	0.0	46.725	0.647	0.0	39.782	0.474
131	4871	4872	SN	1	0.0	43.789	2.513	0.0	44.523	2.087	0.0	38.24	1.861	0.0	42.112	1.881	0.0	41.678	2.293	0.0	43.493	1.863	0.0	40.086	1.56	0.0	39.957	1.647
132	4871	4872	SN	1	0.0	43.789	2.504	0.0	44.523	2.087	0.0	38.24	1.882	0.0	42.112	1.866	0.0	41.678	2.301	0.0	43.493	1.862	0.0	40.086	1.583	0.0	39.957	1.632
133	4872	4873	SN	1	0.0	47.258	2.845	0.0	44.164	2.653	0.0	42.18	1.976	0.0	38.229	1.925	0.0	45.785	2.432	0.0	43.534	2.253	0.0	40.456	1.781	0.0	38.394	1.632
134	4872	4873	SN	1	0.0	48.243	9.018	0.0	54.198	8.515	0.0	39.003	6.053	0.0	42.679	6.023	0.0	52.151	8.056	0.0	53.522	7.521	0.0	39.262	5.556	0.0	45.042	5.504
135	4872	4873	SN	1	0.0	47.258	2.847	0.0	44.164	2.646	0.0	42.18	1.95	0.0	38.229	1.935	0.0	44.83	2.438	0.0	43.534	2.243	0.0	40.456	1.763	0.0	38.394	1.635
136	4872	4873	SN	1	0.0	48.243	8.863	0.0	47.149	8.403	0.0	39.003	6.018	0.0	42.679	6.063	0.0	52.151	7.949	0.0	47.629	7.395	0.0	39.262	5.545	0.0	45.042	5.524
137	4872	4873	NS	1	0.0	52.357	6.538	0.0	55.058	5.434	0.0	43.912	3.731	0.0	43.588	3.274	0.0	56.259	5.798	0.0	55.934	4.803	0.0	42.401	3.475	0.0	44.44	3.06
138	4872	4873	NS	1	0.0	51.995	6.498	0.0	56.121	5.403	0.0	47.221	3.723	0.0	48.896	3.309	0.0	55.857	5.778	0.0	56.997	4.742	0.0	43.215	3.468	0.0	48.47	3.038
139	4872	4873	NS	1	0.0	51.393	1.781	0.0	46.639	1.483	0.0	44.77	0.959	0.0	39.693	0.922	0.0	51.443	1.521	0.0	48.059	1.377	0.0	42.503	0.842	0.0	37.672	0.814

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

140	4872	4873	SN	1	0.0	48.243	9.025	0.0	54.198	8.515	0.0	39.003	6.05	0.0	42.679	6.023	0.0	52.151	8.073	0.0	53.522	7.521	0.0	39.262	5.553	0.0	45.042	5.504
141	4872	4873	NS	1	0.0	47.091	1.763	0.0	43.865	1.479	0.0	42.402	0.971	0.0	42.399	0.901	0.0	44.969	1.542	0.0	46.213	1.382	0.0	37.949	0.847	0.0	40.761	0.821
142	4872	4873	SN	1	0.0	47.258	2.844	0.0	47.621	2.657	0.0	42.18	1.979	0.0	38.229	1.924	0.0	45.785	2.431	0.0	46.856	2.253	0.0	40.456	1.782	0.0	38.394	1.631
143	4873	4874	SN	1	0.0	49.451	7.087	0.0	49.801	5.678	0.0	41.367	4.867	0.0	44.153	4.873	0.0	51.603	6.54	0.0	50.559	5.236	0.0	40.039	4.852	0.0	46.288	4.637
144	4873	4874	SN	1	0.0	45.971	2.38	0.0	43.511	2.143	0.0	42.689	1.882	0.0	39.968	1.666	0.0	41.531	2.105	0.0	44.623	1.843	0.0	42.112	1.723	0.0	37.683	1.432
145	4873	4874	NS	1	0.0	50.446	6.344	0.0	48.76	5.849	0.0	46.576	5.134	0.0	49.996	5.42	0.0	51.493	5.878	0.0	49.378	5.32	0.0	45.102	4.885	0.0	51.797	5.035
146	4873	4874	NS	1	0.0	50.066	2.254	0.0	49.103	2.118	0.0	39.637	1.543	0.0	44.646	1.618	0.0	49.91	2.078	0.0	49.278	1.962	0.0	40.223	1.405	0.0	43.28	1.511
147	4873	4874	NS	1	0.0	49.496	6.344	0.0	55.313	5.87	0.0	48.904	5.162	0.0	50.441	5.47	0.0	51.117	5.817	0.0	55.963	5.32	0.0	45.608	4.9	0.0	52.244	5.127
148	4873	4874	NS	1	0.0	48.022	2.276	0.0	47.414	2.12	0.0	41.293	1.535	0.0	47.3	1.628	0.0	47.655	2.055	0.0	50.532	1.971	0.0	42.675	1.389	0.0	45.929	1.524
149	4873	4874	SN	1	0.0	49.451	7.398	0.0	49.801	5.993	0.0	41.367	4.91	0.0	44.153	4.855	0.0	51.603	6.831	0.0	50.559	5.466	0.0	40.039	4.91	0.0	46.288	4.642
150	4873	4874	SN	1	0.0	49.451	7.412	0.0	49.801	5.993	0.0	41.367	4.924	0.0	44.153	4.855	0.0	51.603	6.845	0.0	50.559	5.466	0.0	40.039	4.924	0.0	46.288	4.635
151	4873	4874	SN	1	0.0	45.971	2.381	0.0	43.511	2.141	0.0	42.689	1.884	0.0	39.97	1.666	0.0	41.531	2.108	0.0	44.623	1.841	0.0	42.112	1.725	0.0	37.683	1.432
152	4873	4874	SN	1	0.0	42.699	2.381	0.0	43.511	2.143	0.0	42.689	1.895	0.0	39.288	1.691	0.0	41.521	2.095	0.0	44.623	1.848	0.0	42.112	1.729	0.0	37.683	1.456
153	4874	4875	NS	1	0.0	49.153	2.831	0.0	52.606	2.597	0.0	42.945	2.254	0.0	44.705	2.245	0.0	50.904	2.667	0.0	51.344	2.36	0.0	41.403	2.129	0.0	44.055	2.04
154	4874	4875	SN	1	0.0	52.914	11.342	0.0	47.27	10.996	0.0	45.912	7.213	0.0	45.698	7.724	0.0	49.624	10.486	0.0	47.257	10.395	0.0	43.615	7.077	0.0	41.052	7.326
155	4874	4875	SN	1	0.0	52.914	11.172	0.0	47.27	10.877	0.0	45.912	7.104	0.0	45.698	7.465	0.0	49.624	10.331	0.0	47.257	10.248	0.0	43.615	6.955	0.0	41.052	7.074
156	4874	4875	SN	1	0.0	49.841	3.655	0.0	53.899	3.615	0.0	42.29	2.279	0.0	45.573	2.549	0.0	47.794	3.331	0.0	55.014	3.255	0.0	45.66	2.219	0.0	45.666	2.311
157	4874	4875	SN	1	0.0	52.914	11.175	0.0	47.27	10.877	0.0	45.912	7.115	0.0	45.698	7.465	0.0	49.624	10.324	0.0	47.257	10.258	0.0	43.615	6.959	0.0	41.052	7.074
158	4874	4875	NS	1	0.0	51.187	8.878	0.707	57.364	7.632	0.0	49.764	7.18	0.0	50.101	6.832	0.0	52.679	8.422	0.351	57.667	7.276	0.0	47.927	6.832	0.0	49.153	6.433
159	4874	4875	NS	1	0.0	53.771	8.767	0.811	52.697	7.632	0.0	48.633	7.13	0.0	49.335	7.039	0.0	55.124	8.219	0.348	54.538	7.347	0.0	48.763	6.832	0.0	48.917	6.454
160	4874	4875	NS	1	0.0	48.384	2.865	0.0	55.752	2.629	0.0	42.522	2.276	0.0	41.546	2.229	0.0	49.917	2.716	0.0	58.876	2.392	0.0	42.409	2.153	0.0	41.191	2.016
161	4874	4875	SN	1	0.0	49.841	3.584	0.0	53.899	3.505	0.0	43.078	2.243	0.0	45.573	2.449	0.0	47.794	3.282	0.0	55.014	3.136	0.0	45.66	2.197	0.0	45.666	2.211
162	4874	4875	SN	1	0.0	49.841	3.582	0.0	53.899	3.509	0.0	43.078	2.244	0.0	45.573	2.451	0.0	47.794	3.28	0.0	55.014	3.137	0.0	45.66	2.198	0.0	45.666	2.212
163	4875	4876	NS	1	0.0	44.663	7.946	0.0	46.54	6.35	0.0	45.33	6.152	0.0	45.624	5.364	0.0	44.304	6.832	0.0	47.22	5.608	0.0	45.142	5.548	0.0	45.956	4.864
164	4875	4876	SN	1	0.0	47.863	2.607	0.0	46.116	2.65	0.0	45.061	1.549	0.0	42.283	1.556	0.0	50.855	2.158	0.0	48.519	2.274	0.0	44.838	1.281	0.0	40.91	1.383
165	4875	4876	SN	1	0.0	48.327	8.255	0.0	48.662	8.485	0.0	49.77	5.012	0.0	45.746	5.693	0.0	48.231	7.313	0.0	48.427	7.643	0.0	47.901	4.486	0.0	43.458	5.16
166	4875	4876	NS	1	0.0	46.175	8.119	0.0	45.92	6.279	0.0	43.198	6.252	0.0	45.992	5.492	0.0	44.777	6.872	0.0	46.399	5.516	0.0	43.008	5.513	0.0	45.595	4.864
167	4875	4876	SN	1	0.0	47.863	2.505	0.0	46.116	2.67	0.0	45.061	1.479	0.0	42.283	1.598	0.0	50.855	2.088	0.0	48.519	2.282	0.0	44.838	1.226	0.0	40.91	1.414
168	4875	4876	SN	1	0.0	48.52	2.498	0.0	49.001	2.613	0.0	44.702	1.484	0.0	46.565	1.625	0.0	47.401	2.098	0.0	47.977	2.276	0.0	44.479	1.246	0.0	46.259	1.433
169	4875	4876	SN	1	0.0	53.446	8.107	0.0	52.318	8.605	0.0	49.77	4.967	0.0	49.212	5.749	0.0	52.153	7.236	0.0	52.248	7.784	0.0	47.325	4.469	0.0	46.238	5.117
170	4875	4876	SN	1	0.0	48.327	8.433	0.0	48.662	8.097	0.0	46.883	5.147	0.0	45.746	5.55	0.0	48.231	7.447	0.0	48.427	7.252	0.0	47.901	4.624	0.0	43.458	5.019
171	4875	4876	NS	1	0.0	42.956	2.742	0.0	47.276	2.259	0.0	43.834	2.127	0.0	42.329	1.78	0.0	43.972	2.338	0.0	46.663	1.974	0.0	39.596	1.868	0.0	38.497	1.571
172	4875	4876	NS	1	0.0	49.165	2.717	0.0	46.246	2.27	0.0	41.585	2.097	0.0	39.996	1.755	0.0	49.674	2.309	0.0	43.602	1.956	0.0	41.743	1.792	0.0	40.392	1.537
173	4876	4877	SN	1	0.0	43.248	1.936	0.0	51.56	1.92	0.0	38.225	1.432	0.0	45.07	1.506	0.0	43.906	1.808	0.0	49.794	1.739	0.0	38.455	1.428	0.0	41.743	1.399
174	4876	4877	NS	1	0.0	46.206	2.321	0.0	48.471	2.007	0.0	38.146	1.745	0.0	39.933	1.822	0.0	42.51	2.177	0.0	47.893	1.774	0.0	37.834	1.595	0.0	39.753	1.596
175	4876	4877	SN	1	0.0	46.071	6.867	0.0	55.91	6.411	0.0	41.41	4.892	0.0	49.94	5.171	0.0	46.894	6.45	0.0	55.504	5.824	0.0	39.931	4.599	0.0	47.508	4.744

Parameter Specifications	Parameters	SNR	Sigma0	 Normal	 Deviations
	Range	20.0	20.0		

176	4876	4877	SN	1	0.0	46.418	2.06	0.0	54.552	2.073	0.0	41.206	1.438	0.0	40.497	1.65	0.0	45.959	1.902	0.0	53.342	1.9	0.0	41.335	1.377	0.0	42.005	1.51
177	4876	4877	NS	1	0.0	43.421	2.296	0.0	49.263	2.0	0.0	35.855	1.79	0.0	46.269	1.834	0.0	41.288	2.114	0.0	47.158	1.779	0.0	36.211	1.619	0.0	49.671	1.603
178	4876	4877	NS	1	0.0	51.251	7.631	0.0	48.11	6.387	0.0	45.087	5.522	0.0	46.523	5.719	0.0	53.088	6.962	0.0	47.265	5.848	0.0	46.543	5.246	0.0	45.396	5.241
179	4876	4877	NS	1	0.0	47.643	7.458	0.0	50.336	6.347	0.0	45.96	5.579	0.0	44.258	5.583	0.0	47.723	6.931	0.0	50.99	5.838	0.0	47.398	5.302	0.0	44.404	5.077
180	4876	4877	SN	1	0.0	46.071	7.382	0.0	55.91	7.262	0.0	41.41	4.967	0.0	50.64	5.524	0.0	47.291	6.977	0.0	55.504	6.613	0.0	39.931	4.705	0.0	50.15	5.09
181	4876	4877	SN	1	0.0	52.576	7.216	0.0	57.822	7.231	0.0	46.458	4.866	0.0	51.5	5.481	0.0	53.252	6.821	0.0	56.318	6.511	0.0	46.081	4.803	0.0	50.15	5.083
182	4876	4877	SN	1	0.0	44.642	2.024	0.0	51.56	2.114	0.0	38.225	1.443	0.0	45.07	1.602	0.0	43.906	1.921	0.0	49.794	1.913	0.0	38.455	1.431	0.0	41.743	1.482
183	4877	4878	SN	1	0.0	44.151	5.076	0.0	50.341	5.256	0.0	44.597	3.465	0.0	52.043	3.897	0.0	47.165	4.6	0.0	50.32	4.951	0.0	45.045	3.245	0.0	53.596	3.655
184	4877	4878	NS	1	0.0	50.253	9.588	0.0	51.931	7.388	0.0	44.516	6.266	0.0	44.107	6.133	0.0	52.358	8.504	0.0	55.426	6.94	0.0	46.972	5.804	0.0	45.773	5.17
185	4877	4878	SN	1	0.0	51.636	1.491	0.0	46.52	1.695	0.0	37.363	1.106	0.0	49.403	1.292	0.0	48.694	1.342	0.0	47.14	1.546	0.0	35.395	0.999	0.0	49.97	1.165
186	4877	4878	NS	1	0.0	45.511	3.073	0.0	49.792	2.435	0.0	42.075	1.856	0.0	44.02	1.74	0.0	45.556	2.622	0.0	50.273	2.123	0.0	45.891	1.599	0.0	45.11	1.478
187	4877	4878	NS	1	0.0	45.511	3.073	0.0	49.792	2.435	0.0	42.075	1.856	0.0	44.02	1.74	0.0	45.556	2.622	0.0	50.273	2.123	0.0	45.891	1.599	0.0	45.11	1.478
188	4877	4878	NS	1	0.0	50.253	9.588	0.0	51.931	7.388	0.0	44.516	6.266	0.0	44.107	6.133	0.0	52.358	8.504	0.0	55.426	6.94	0.0	46.972	5.804	0.0	45.773	5.17
189	4878	4879	SN	1	0.0	43.91	1.707	0.0	47.354	1.608	0.0	36.942	1.224	0.0	39.701	1.198	0.0	46.992	1.477	0.0	44.993	1.403	0.0	39.596	1.089	0.0	37.839	1.056
190	4878	4879	SN	1	0.0	49.745	6.137	0.0	49.71	5.991	0.0	42.762	3.897	0.0	44.761	4.136	0.0	49.347	5.611	0.0	50.883	5.302	0.0	41.173	3.578	0.0	42.875	3.859
191	4878	4879	NS	1	0.0	48.095	7.559	0.0	52.649	5.99	0.0	46.26	4.63	0.0	44.625	4.191	0.0	49.561	6.85	0.0	54.481	5.462	0.0	44.013	4.253	0.0	46.492	3.743
192	4878	4879	NS	1	0.0	47.856	2.186	0.0	55.007	1.624	0.0	40.169	1.54	0.0	44.8	1.358	0.0	46.566	1.9	0.0	52.336	1.468	0.0	39.154	1.331	0.0	44.33	1.134
193	4879	4880	NS	1	0.0	42.858	1.927	0.0	40.341	1.665	0.0	42.431	1.329	0.0	38.246	1.346	0.0	41.686	1.488	0.0	41.969	1.289	0.0	41.468	1.05	0.0	38.947	1.055
194	4879	4880	NS	1	0.0	42.858	1.919	0.0	40.341	1.659	0.0	42.431	1.324	0.0	38.246	1.341	0.0	41.686	1.482	0.0	41.969	1.284	0.0	41.468	1.045	0.0	38.947	1.051
195	4879	4880	SN	1	0.0	42.648	1.813	0.0	48.116	1.678	0.0	40.999	1.282	0.0	44.472	1.224	0.0	42.704	1.641	0.0	48.254	1.443	0.0	38.847	1.132	0.0	42.838	1.083
196	4879	4880	NS	1	0.0	48.075	5.291	0.0	48.627	4.895	0.0	47.013	3.928	0.0	43.61	3.989	0.0	49.881	4.538	0.0	47.448	4.232	0.0	45.141	3.279	0.0	40.848	3.467
197	4879	4880	NS	1	0.0	48.075	5.268	0.0	48.627	4.87	0.0	47.013	3.911	0.0	43.61	3.969	0.0	49.881	4.518	0.0	47.448	4.211	0.0	45.141	3.265	0.0	40.848	3.45
198	4879	4880	SN	1	0.0	49.979	5.682	0.0	52.1	5.333	0.0	44.476	4.407	0.0	46.863	4.449	0.0	48.826	5.256	0.0	54.205	4.674	0.0	43.642	3.825	0.0	46.15	4.044
199	4880	4881	SN	1	0.0	52.655	7.16	0.0	49.561	7.404	0.0	46.368	5.343	0.0	44.088	5.531	0.0	50.676	6.441	0.0	49.914	6.857	0.0	45.353	4.804	0.0	46.255	5.112
200	4880	4881	SN	1	0.0	47.193	1.961	0.0	49.113	2.173	0.0	45.174	1.388	0.0	40.471	1.524	0.0	49.83	1.751	0.0	51.017	1.961	0.0	43.68	1.225	0.0	40.152	1.393
201	4880	4881	NS	1	0.0	47.578	6.54	0.0	51.801	4.897	0.0	41.829	4.37	0.0	47.595	3.618	0.0	50.098	6.007	0.0	48.512	4.793	0.0	44.194	4.078	0.0	43.925	3.295
202	4880	4881	NS	1	0.0	47.578	6.343	0.0	51.801	4.771	0.0	41.829	4.245	0.0	47.595	3.515	0.0	50.098	5.826	0.0	48.512	4.659	0.0	44.194	3.954	0.0	43.925	3.202
203	4880	4881	NS	1	0.0	42.572	2.145	0.0	43.229	1.501	0.0	38.961	1.515	0.0	39.486	1.211	0.0	42.084	1.865	0.0	43.207	1.358	0.0	38.36	1.357	0.0	37.038	1.136
204	4880	4881	NS	1	0.0	42.572	2.212	0.0	43.229	1.546	0.0	38.961	1.559	0.0	39.486	1.248	0.0	42.084	1.923	0.0	43.207	1.399	0.0	38.36	1.4	0.0	37.038	1.171
205	4881	4882	NS	1	0.0	47.785	7.523	0.0	52.31	7.793	0.0	43.256	6.288	0.0	42.476	6.575	0.0	49.22	6.557	0.0	51.674	6.812	0.0	38.986	5.428	0.0	43.183	5.727
206	4881	4882	NS	1	0.0	52.397	2.549	0.0	51.569	2.472	0.0	41.214	2.078	0.0	46.45	2.003	0.0	52.941	2.159	0.0	48.951	2.054	0.0	38.953	1.797	0.0	43.309	1.656
207	4881	4882	NS	1	0.0	52.397	2.728	0.0	51.569	2.65	0.0	41.214	2.224	0.0	46.45	2.148	0.0	52.941	2.313	0.0	48.951	2.201	0.0	38.953	1.926	0.0	43.309	1.777
208	4881	4882	SN	1	0.0	44.97	6.27	0.0	51.356	5.866	0.0	44.81	4.417	0.0	47.595	4.942	0.0	45.527	5.338	0.0	47.369	4.841	0.0	43.045	3.749	0.0	46.673	4.259
209	4881	4882	NS	1	0.0	47.785	7.062	0.0	52.31	7.269	0.0	43.256	5.9	0.0	42.476	6.121	0.0	49.22	6.13	0.0	51.674	6.345	0.0	38.986	5.07	0.0	43.183	5.331
210	4881	4882	SN	1	0.0	45.923	2.025	0.0	42.505	1.934	0.0	43.115	1.541	0.0	38.629	1.652	0.0	44.781	1.606	0.0	38.343	1.537	0.0	43.081	1.261	0.0	41.494	1.358
211	4882	4883	NS	1	0.0	44.042	3.609	0.0	44.823	3.064	0.0	38.947	2.527	0.0	47.668	2.573	0.0	44.621	3.285	0.0	45.566	2.662	0.0	38.858	2.294	0.0	44.961	2.328

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

212	4882	4883	NS	1	0.0	48.406	11.047	0.0	53.69	9.414	0.0	43.958	7.936	0.0	44.778	8.102	0.0	47.115	10.485	0.0	55.758	8.653	0.0	47.226	7.646	0.0	42.947	7.569
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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	4854	4855	SN	1	0.0	37.557	16.388	0.0	26.72	14.245	0.0	163.051	14.424	0.0	74.419	14.648	0.0	1.908	0.0	1.919	0.0	0.0	2.079	0.0	0.0	2.068	0.0	
2	4854	4855	SN	1	0.0	37.557	16.38	0.0	26.72	14.255	0.0	163.112	14.423	0.0	74.419	14.619	0.0	1.908	0.0	1.919	0.0	0.0	2.079	0.0	0.0	2.067	0.0	
3	4854	4855	SN	1	0.0	27.354	10.186	0.0	26.169	9.997	0.0	146.23	4.335	0.0	50.843	4.636	0.0	1.919	0.0	1.934	0.0	0.0	2.076	0.0	0.0	2.093	0.0	
4	4854	4855	SN	1	0.0	27.354	10.184	0.0	26.169	9.982	0.0	146.181	4.339	0.0	66.842	4.648	0.0	1.918	0.0	1.934	0.0	0.0	2.076	0.0	0.0	2.094	0.0	
5	4854	4855	SN	1	0.0	27.354	10.395	0.0	26.169	10.024	0.0	146.181	4.537	0.0	14.19	4.659	0.0	1.918	0.0	1.934	0.0	0.0	2.076	0.0	0.0	2.094	0.0	
6	4854	4855	SN	1	0.0	37.557	16.461	0.0	26.72	13.751	0.0	163.051	14.888	0.0	14.4	14.127	0.0	1.908	0.0	1.919	0.0	0.0	2.079	0.0	0.0	2.068	0.0	
7	4855	4856	SN	1	0.0	37.171	16.398	0.0	26.704	14.232	0.0	158.253	14.437	0.0	72.131	14.633	0.0	1.909	0.0	1.935	0.0	0.0	2.08	0.0	0.0	2.071	0.0	
8	4855	4856	SN	1	0.0	37.171	16.395	0.0	26.704	14.232	0.0	158.253	14.421	0.0	72.131	14.633	0.0	1.909	0.0	1.935	0.0	0.0	2.08	0.0	0.0	2.071	0.0	
9	4855	4856	SN	1	0.0	37.171	16.399	0.0	26.704	14.05	0.0	158.253	14.556	0.0	17.874	14.377	0.0	1.909	0.0	1.935	0.0	0.0	2.08	0.0	0.0	2.071	0.0	
10	4855	4856	NS	1	0.0	25.033	14.79	0.0	38.318	15.581	0.0	354.91	13.654	0.0	38.158	12.569	0.0	1.903	0.0	1.907	0.0	0.0	2.038	0.0	0.0	2.048	0.0	
11	4855	4856	NS	1	0.0	25.033	14.79	0.0	38.318	15.581	0.0	354.91	13.654	0.0	38.158	12.569	0.0	1.903	0.0	1.907	0.0	0.0	2.038	0.0	0.0	2.048	0.0	
12	4855	4856	SN	1	0.0	27.316	10.184	0.0	26.174	10.002	0.0	159.588	4.341	0.0	68.579	4.682	0.0	1.921	0.0	1.934	0.0	0.0	2.076	0.0	0.0	2.072	0.0	
13	4855	4856	NS	1	0.0	26.047	9.468	0.0	27.194	9.859	0.0	135.104	3.611	0.0	40.232	3.496	0.0	1.896	0.0	1.911	0.0	0.0	2.032	0.0	0.0	2.043	0.0	
14	4855	4856	SN	1	0.0	27.316	10.187	0.0	26.174	10.001	0.0	159.588	4.343	0.0	51.775	4.672	0.0	1.921	0.0	1.934	0.0	0.0	2.076	0.0	0.0	2.072	0.0	
15	4855	4856	SN	1	0.0	27.316	10.244	0.0	26.174	10.014	0.0	159.588	4.395	0.0	14.185	4.586	0.0	1.921	0.0	1.934	0.0	0.0	2.076	0.0	0.0	2.072	0.0	
16	4855	4856	NS	1	0.0	26.047	9.468	0.0	27.194	9.859	0.0	135.104	3.611	0.0	40.232	3.496	0.0	1.896	0.0	1.911	0.0	0.0	2.032	0.0	0.0	2.043	0.0	
17	4856	4857	SN	1	0.0	27.376	10.24	0.0	26.196	10.042	0.0	143.848	4.438	0.0	14.201	4.632	0.0	1.919	0.0	1.934	0.0	0.0	2.078	0.0	0.0	2.091	0.0	
18	4856	4857	SN	1	0.0	37.508	16.364	0.0	26.715	14.063	0.0	152.892	14.531	0.0	18.04	14.418	0.0	1.909	0.0	1.932	0.0	0.0	2.079	0.0	0.0	2.066	0.0	
19	4856	4857	NS	1	0.0	25.044	14.816	0.0	38.34	15.612	0.0	354.171	13.547	0.0	49.762	12.386	0.0	1.904	0.0	1.906	0.0	0.0	2.039	0.0	0.0	2.047	0.0	
20	4856	4857	NS	1	0.0	25.038	14.816	0.0	38.346	15.612	0.0	354.171	13.554	0.0	49.773	12.357	0.0	1.904	0.0	1.909	0.0	0.0	2.039	0.0	0.0	2.048	0.0	
21	4856	4857	SN	1	0.0	37.508	16.364	0.0	26.715	14.063	0.0	152.892	14.531	0.0	18.04	14.418	0.0	1.909	0.0	1.932	0.0	0.0	2.079	0.0	0.0	2.066	0.0	
22	4856	4857	SN	1	0.0	37.508	16.339	0.0	26.715	14.189	0.0	152.892	14.396	0.0	71.938	14.611	0.0	1.909	0.0	1.932	0.0	0.0	2.079	0.0	0.0	2.066	0.0	
23	4856	4857	NS	1	0.0	26.031	9.444	0.0	27.073	9.86	0.0	354.171	3.58	0.0	52.867	3.421	0.0	1.898	0.0	1.912	0.0	0.0	2.032	0.0	0.0	2.043	0.0	
24	4856	4857	NS	1	0.0	26.031	9.444	0.0	27.073	9.857	0.0	354.171	3.572	0.0	52.861	3.422	0.0	1.898	0.0	1.912	0.0	0.0	2.032	0.0	0.0	2.043	0.0	
25	4856	4857	SN	1	0.0	27.376	10.24	0.0	26.196	10.042	0.0	143.848	4.438	0.0	14.201	4.632	0.0	1.919	0.0	1.934	0.0	0.0	2.078	0.0	0.0	2.091	0.0	
26	4856	4857	SN	1	0.0	27.376	10.193	0.0	26.196	10.033	0.0	143.848	4.387	0.0	62.871	4.711	0.0	1.919	0.0	1.934	0.0	0.0	2.078	0.0	0.0	2.091	0.0	
27	4857	4858	SN	1	0.0	35.627	16.39	0.0	26.682	14.207	0.0	165.742	14.552	0.0	68.871	14.685	0.0	1.92	0.0	1.965	0.0	0.0	2.081	0.0	0.0	2.102	0.0	
28	4857	4858	NS	1	0.0	25.044	14.835	0.0	38.114	15.61	0.0	236.839	13.587	0.0	36.228	12.367	0.0	1.902	0.0	1.907	0.0	0.0	2.036	0.0	0.0	2.049	0.0	
29	4857	4858	NS	1	0.0	26.036	9.44	0.0	27.178	9.844	0.0	352.08	3.585	0.0	41.886	3.404	0.0	1.896	0.0	1.902	0.0	0.0	2.032	0.0	0.0	2.044	0.0	
30	4857	4858	SN	1	0.0	27.321	10.174	0.0	26.191	10.062	0.0	141.366	4.439	0.0	63.367	4.742	0.0	1.92	0.0	1.934	0.0	0.0	2.078	0.0	0.0	2.074	0.0	
31	4857	4858	NS	1	0.0	26.036	9.44	0.0	27.178	9.844	0.0	352.08	3.585	0.0	41.886	3.404	0.0	1.896	0.0	1.902	0.0	0.0	2.032	0.0	0.0	2.044	0.0	

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

32	4857	4858	SN	1	0.0	35.627	16.415	0.0	26.682	14.03	0.0	165.742	14.725	0.0	16.799	14.403	0.0	1.92	0.0	0.0	1.965	0.0	0.0	2.081	0.0	0.0	2.102	0.0
33	4857	4858	SN	1	0.0	27.321	10.252	0.0	26.191	10.072	0.0	141.366	4.519	0.0	14.196	4.658	0.0	1.92	0.0	0.0	1.934	0.0	0.0	2.078	0.0	0.0	2.074	0.0
34	4857	4858	SN	1	0.0	27.321	10.173	0.0	26.191	10.066	0.0	141.366	4.439	0.0	51.471	4.738	0.0	1.92	0.0	0.0	1.934	0.0	0.0	2.078	0.0	0.0	2.074	0.0
35	4857	4858	SN	1	0.0	35.627	16.398	0.0	26.682	14.207	0.0	165.742	14.547	0.0	68.871	14.685	0.0	1.92	0.0	0.0	1.965	0.0	0.0	2.081	0.0	0.0	2.102	0.0
36	4857	4858	NS	1	0.0	25.044	14.835	0.0	38.114	15.61	0.0	236.839	13.587	0.0	36.228	12.367	0.0	1.902	0.0	0.0	1.907	0.0	0.0	2.036	0.0	0.0	2.049	0.0
37	4858	4859	SN	1	0.0	37.088	16.435	0.0	26.671	13.823	0.0	176.061	14.828	0.0	14.4	14.203	0.0	1.912	0.0	0.0	1.926	0.0	0.0	2.08	0.0	0.0	2.075	0.0
38	4858	4859	NS	1	0.0	25.044	14.709	0.0	38.307	15.565	0.0	354.893	13.625	0.0	34.739	12.509	0.0	1.901	0.0	0.0	1.905	0.0	0.0	2.037	0.0	0.0	2.047	0.0
39	4858	4859	SN	1	0.0	27.332	10.306	0.0	26.185	10.096	0.0	187.262	4.544	0.0	14.207	4.686	0.0	1.922	0.0	0.0	1.933	0.0	0.0	2.077	0.0	0.0	2.074	0.0
40	4858	4859	SN	1	0.0	27.332	10.182	0.0	26.185	10.076	0.0	187.262	4.427	0.0	75.649	4.745	0.0	1.922	0.0	0.0	1.933	0.0	0.0	2.077	0.0	0.0	2.074	0.0
41	4858	4859	NS	1	0.0	25.044	14.709	0.0	38.307	15.565	0.0	354.893	13.646	0.0	34.733	12.509	0.0	1.902	0.0	0.0	1.905	0.0	0.0	2.037	0.0	0.0	2.047	0.0
42	4858	4859	NS	1	0.0	26.031	9.438	0.0	27.167	9.853	0.0	157.649	3.589	0.0	31.491	3.448	0.0	1.897	0.0	0.0	1.905	0.0	0.0	2.03	0.0	0.0	2.044	0.0
43	4858	4859	SN	1	0.0	27.332	10.188	0.0	26.185	10.077	0.0	187.262	4.43	0.0	57.174	4.734	0.0	1.922	0.0	0.0	1.933	0.0	0.0	2.077	0.0	0.0	2.074	0.0
44	4858	4859	SN	1	0.0	37.088	16.418	0.0	26.671	14.244	0.0	176.061	14.566	0.0	77.414	14.648	0.0	1.912	0.0	0.0	1.926	0.0	0.0	2.08	0.0	0.0	2.075	0.0
45	4858	4859	SN	1	0.0	37.088	16.414	0.0	26.671	14.244	0.0	176.061	14.547	0.0	77.315	14.648	0.0	1.912	0.0	0.0	1.926	0.0	0.0	2.08	0.0	0.0	2.075	0.0
46	4858	4859	NS	1	0.0	26.031	9.44	0.0	27.161	9.851	0.0	157.627	3.593	0.0	31.485	3.45	0.0	1.898	0.0	0.0	1.905	0.0	0.0	2.03	0.0	0.0	2.044	0.0
47	4859	4860	SN	1	0.0	37.452	16.353	0.0	26.687	14.183	0.0	180.015	14.553	0.0	54.582	14.618	0.0	1.918	0.0	0.0	1.964	0.0	0.0	2.08	0.0	0.0	2.069	0.0
48	4859	4860	NS	1	0.0	25.06	14.756	0.0	38.009	15.634	0.0	354.077	13.689	0.0	50.804	12.622	0.0	1.902	0.0	0.0	1.908	0.0	0.0	2.037	0.0	0.0	2.048	0.0
49	4859	4860	NS	1	0.0	25.06	14.746	0.0	38.009	15.655	0.0	354.077	13.661	0.0	50.799	12.636	0.0	1.902	0.0	0.0	1.907	0.0	0.0	2.037	0.0	0.0	2.048	0.0
50	4859	4860	SN	1	0.0	37.452	16.363	0.0	26.687	14.183	0.0	180.015	14.565	0.0	54.582	14.632	0.0	1.918	0.0	0.0	1.964	0.0	0.0	2.08	0.0	0.0	2.069	0.0
51	4859	4860	SN	1	0.0	27.288	10.354	0.0	26.185	10.13	0.0	177.986	4.571	0.0	14.196	4.738	0.0	1.922	0.0	0.0	1.934	0.0	0.0	2.076	0.0	0.0	2.076	0.0
52	4859	4860	NS	1	0.0	26.031	9.433	0.0	27.051	9.865	0.0	354.077	3.583	0.0	52.894	3.472	0.0	1.897	0.0	0.0	1.907	0.0	0.0	2.031	0.0	0.0	2.045	0.0
53	4859	4860	SN	1	0.0	27.288	10.159	0.0	26.185	10.09	0.0	177.986	4.391	0.0	88.461	4.739	0.0	1.922	0.0	0.0	1.934	0.0	0.0	2.076	0.0	0.0	2.076	0.0
54	4859	4860	NS	1	0.0	26.025	9.438	0.0	27.051	9.856	0.0	354.077	3.59	0.0	52.916	3.467	0.0	1.897	0.0	0.0	1.908	0.0	0.0	2.031	0.0	0.0	2.045	0.0
55	4859	4860	SN	1	0.0	37.452	16.39	0.0	26.687	13.74	0.0	180.015	14.977	0.0	14.416	14.116	0.0	1.918	0.0	0.0	1.964	0.0	0.0	2.08	0.0	0.0	2.069	0.0
56	4859	4860	SN	1	0.0	27.288	10.164	0.0	26.185	10.094	0.0	177.986	4.394	0.0	36.223	4.731	0.0	1.922	0.0	0.0	1.934	0.0	0.0	2.076	0.0	0.0	2.076	0.0
57	4860	4861	SN	1	0.0	37.11	16.358	0.0	26.704	14.157	0.0	156.797	14.545	0.0	74.695	14.549	0.0	1.905	0.0	0.0	1.927	0.0	0.0	2.079	0.0	0.0	2.072	0.0
58	4860	4861	NS	1	0.0	26.053	9.467	0.0	27.183	9.882	0.0	352.086	3.613	0.0	41.765	3.559	0.0	1.897	0.0	0.0	1.908	0.0	0.0	2.034	0.0	0.0	2.046	0.0
59	4860	4861	NS	1	0.0	26.053	9.458	0.0	27.183	9.886	0.0	352.075	3.61	0.0	41.749	3.566	0.0	1.898	0.0	0.0	1.915	0.0	0.0	2.035	0.0	0.0	2.045	0.0
60	4860	4861	NS	1	0.0	25.027	14.759	0.0	38.28	15.58	0.0	140.189	13.643	0.0	36.493	12.674	0.0	1.902	0.0	0.0	1.904	0.0	0.0	2.036	0.0	0.0	2.048	0.0
61	4860	4861	SN	1	0.0	27.228	10.177	0.0	26.185	10.057	0.0	159.047	4.341	0.0	57.808	4.694	0.0	1.921	0.0	0.0	1.943	0.0	0.0	2.076	0.0	0.0	2.085	0.0
62	4860	4861	SN	1	0.0	37.11	16.342	0.0	26.704	14.157	0.0	156.797	14.552	0.0	74.695	14.549	0.0	1.905	0.0	0.0	1.927	0.0	0.0	2.079	0.0	0.0	2.072	0.0
63	4860	4861	SN	1	0.0	27.228	10.432	0.0	26.185	10.115	0.0	159.047	4.605	0.0	14.174	4.741	0.0	1.921	0.0	0.0	1.943	0.0	0.0	2.076	0.0	0.0	2.085	0.0
64	4860	4861	SN	1	0.0	37.11	16.49	0.0	26.704	13.696	0.0	156.797	15.139	0.0	14.394	13.941	0.0	1.905	0.0	0.0	1.927	0.0	0.0	2.079	0.0	0.0	2.072	0.0
65	4860	4861	SN	1	0.0	27.228	10.172	0.0	26.185	10.054	0.0	159.047	4.34	0.0	62.16	4.702	0.0	1.921	0.0	0.0	1.943	0.0	0.0	2.076	0.0	0.0	2.085	0.0
66	4860	4861	NS	1	0.0	25.049	14.759	0.0	38.28	15.59	0.0	140.233	13.65	0.0	36.482	12.695	0.0	1.903	0.0	0.0	1.904	0.0	0.0	2.036	0.0	0.0	2.048	0.0
67	4861	4862	NS	1	0.0	25.231	14.707	0.0	38.302	15.575	0.0	140.564	13.748	0.0	40.425	12.994	0.0	1.901	0.0	0.0	1.905	0.0	0.0	2.036	0.0	0.0	2.05	0.0
68	4861	4862	SN	1	0.0	37.199	16.358	0.0	26.66	14.278	0.0	167.617	14.509	0.0	67.294	14.565	0.0	1.917	0.0	0.0	1.943	0.0	0.0	2.079	0.0	0.0	2.1	0.0

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

69	4861	4862	SN	1	0.0	37.199	16.363	0.0	26.66	14.278	0.0	167.617	14.489	0.0	67.294	14.565	0.0	1.917	0.0	0.0	1.943	0.0	0.0	2.079	0.0	0.0	2.1	0.0
70	4861	4862	SN	1	0.0	27.277	10.159	0.0	26.152	10.047	0.0	157.564	4.282	0.0	65.049	4.616	0.0	1.92	0.0	0.0	1.935	0.0	0.0	2.072	0.0	0.0	2.096	0.0
71	4861	4862	NS	1	0.0	26.047	9.455	0.0	27.084	9.894	0.0	128.569	3.628	0.0	47.253	3.563	0.0	1.897	0.0	0.0	1.912	0.0	0.0	2.034	0.0	0.0	2.047	0.0
72	4861	4862	SN	1	0.0	27.277	10.162	0.0	26.152	10.051	0.0	157.564	4.284	0.0	41.931	4.606	0.0	1.92	0.0	0.0	1.935	0.0	0.0	2.072	0.0	0.0	2.096	0.0
73	4861	4862	SN	1	0.954	37.199	16.609	0.0	26.66	13.655	0.0	167.617	15.379	0.0	14.394	13.874	0.0	1.917	0.0	0.0	1.943	0.0	0.0	2.079	0.0	0.0	2.1	0.0
74	4861	4862	SN	1	0.0	27.277	10.495	0.0	26.152	10.178	0.0	157.564	4.654	0.0	14.163	4.709	0.0	1.92	0.0	0.0	1.935	0.0	0.0	2.072	0.0	0.0	2.096	0.0
75	4862	4863	SN	1	0.0	27.283	10.162	0.0	26.169	10.019	0.0	143.743	4.265	0.0	63.847	4.602	0.0	1.917	0.0	0.0	1.937	0.0	0.0	2.073	0.0	0.0	2.086	0.0
76	4862	4863	NS	1	0.0	25.038	14.594	0.695	38.048	15.6	0.0	141.562	13.786	0.0	35.401	13.087	0.0	1.903	0.0	0.0	1.905	0.0	0.0	2.037	0.0	0.0	2.049	0.0
77	4862	4863	NS	1	0.0	26.047	9.49	0.0	27.156	9.875	0.0	141.562	3.628	0.0	57.781	3.57	0.0	1.897	0.0	0.0	1.903	0.0	0.0	2.035	0.0	0.0	2.046	0.0
78	4862	4863	SN	1	0.0	37.441	16.268	0.0	26.682	14.265	0.0	156.141	14.548	0.0	73.168	14.597	0.0	1.91	0.0	0.0	1.922	0.0	0.0	2.079	0.0	0.0	2.094	0.0
79	4862	4863	NS	1	0.0	26.047	9.483	0.0	27.15	9.875	0.0	141.589	3.628	0.0	57.781	3.57	0.0	1.897	0.0	0.0	1.903	0.0	0.0	2.035	0.0	0.0	2.046	0.0
80	4862	4863	SN	1	0.0	27.283	10.162	0.0	26.169	10.019	0.0	143.743	4.265	0.0	63.847	4.602	0.0	1.917	0.0	0.0	1.937	0.0	0.0	2.073	0.0	0.0	2.086	0.0
81	4862	4863	NS	1	0.0	25.038	14.594	0.695	38.048	15.62	0.0	141.589	13.778	0.0	35.401	13.072	0.0	1.903	0.0	0.0	1.907	0.0	0.0	2.037	0.0	0.0	2.049	0.0
82	4862	4863	SN	1	0.0	37.441	16.268	0.0	26.682	14.265	0.0	156.141	14.548	0.0	73.168	14.597	0.0	1.91	0.0	0.0	1.922	0.0	0.0	2.079	0.0	0.0	2.094	0.0
83	4863	4864	SN	1	0.0	37.226	16.287	0.0	26.665	14.27	0.0	157.189	14.524	0.0	193.287	14.493	0.0	1.907	0.0	0.0	1.933	0.0	0.0	2.079	0.0	0.0	2.08	0.0
84	4863	4864	NS	1	0.0	26.064	9.485	0.0	27.183	9.884	0.0	137.79	3.632	0.0	58.167	3.601	0.0	1.897	0.0	0.0	1.911	0.0	0.0	2.035	0.0	0.0	2.046	0.0
85	4863	4864	SN	1	0.0	27.387	10.182	0.0	26.147	10.027	0.0	141.096	4.309	0.0	61.856	4.605	0.0	1.922	0.0	0.0	1.934	0.0	0.0	2.073	0.0	0.0	2.092	0.0
86	4863	4864	NS	1	0.0	26.064	9.485	0.0	27.183	9.884	0.0	137.79	3.632	0.0	58.167	3.601	0.0	1.897	0.0	0.0	1.911	0.0	0.0	2.035	0.0	0.0	2.046	0.0
87	4863	4864	NS	1	0.0	25.209	14.672	0.0	38.324	15.653	0.0	141.65	13.774	0.0	71.811	13.097	0.0	1.903	0.0	0.0	1.906	0.0	0.0	2.039	0.0	0.0	2.049	0.0
88	4863	4864	NS	1	0.0	25.209	14.672	0.0	38.324	15.653	0.0	141.65	13.774	0.0	71.811	13.097	0.0	1.903	0.0	0.0	1.906	0.0	0.0	2.039	0.0	0.0	2.049	0.0
89	4864	4865	SN	1	0.0	37.43	16.282	0.0	26.671	14.27	0.0	176.673	14.505	0.0	181.827	14.523	0.0	1.91	0.0	0.0	1.921	0.0	0.0	2.079	0.0	0.0	2.089	0.0
90	4864	4865	NS	1	0.0	26.025	9.479	0.0	27.095	9.858	0.0	130.995	3.627	0.0	62.099	3.624	0.0	1.897	0.0	0.0	1.906	0.0	0.0	2.033	0.0	0.0	2.045	0.0
91	4864	4865	NS	1	0.0	25.22	14.681	0.0	38.302	15.551	0.0	142.279	13.796	0.0	82.835	13.129	0.0	1.902	0.0	0.0	1.917	0.0	0.0	2.037	0.0	0.0	2.049	0.0
92	4864	4865	SN	1	0.0	27.415	10.153	0.0	26.147	9.982	0.0	166.426	4.274	0.0	210.582	4.608	0.0	1.921	0.0	0.0	1.934	0.0	0.0	2.072	0.0	0.0	2.084	0.0
93	4865	4866	NS	1	0.0	26.036	9.497	0.0	27.073	9.869	0.0	354.176	3.652	0.0	62.54	3.677	0.0	1.896	0.0	0.0	1.91	0.0	0.0	2.033	0.0	0.0	2.048	0.0
94	4865	4866	NS	1	0.0	25.049	14.681	0.0	38.274	15.593	0.0	353.123	13.858	0.0	129.553	13.158	0.0	1.902	0.0	0.0	1.918	0.0	0.0	2.038	0.0	0.0	2.051	0.0
95	4865	4866	SN	1	0.0	27.343	10.189	0.0	26.152	9.996	0.0	174.324	4.262	0.0	67.79	4.565	0.0	1.921	0.0	0.0	1.934	0.0	0.0	2.073	0.0	0.0	2.083	0.0
96	4865	4866	SN	1	0.0	37.265	16.312	0.0	26.665	14.26	0.0	178.868	14.469	0.0	76.438	14.523	0.0	1.919	0.0	0.0	1.942	0.0	0.0	2.079	0.0	0.0	2.076	0.0
97	4866	4867	SN	1	0.0	37.397	16.299	0.0	26.648	14.276	0.0	152.959	14.432	0.0	79.99	14.542	0.0	1.909	0.0	0.0	1.923	0.0	0.0	2.079	0.0	0.0	2.097	0.0
98	4866	4867	SN	1	0.0	27.332	10.203	0.0	26.158	10.007	0.0	178.096	4.251	0.0	65.664	4.542	0.0	1.919	0.0	0.0	1.933	0.0	0.0	2.071	0.0	0.0	2.093	0.0
99	4866	4867	NS	1	0.0	26.047	9.509	0.0	27.15	9.883	0.0	327.257	3.677	0.0	65.601	3.756	0.0	1.897	0.0	0.0	1.91	0.0	0.0	2.035	0.0	0.0	2.046	0.0
100	4866	4867	NS	1	0.0	25.06	14.679	0.0	31.932	15.311	0.0	327.257	13.912	0.0	16.385	12.903	0.0	1.904	0.0	0.0	1.905	0.0	0.0	2.039	0.0	0.0	2.05	0.0
101	4866	4867	NS	1	0.0	26.047	9.532	0.0	25.215	9.873	0.0	327.257	3.726	0.0	12.922	3.623	0.0	1.897	0.0	0.0	1.91	0.0	0.0	2.035	0.0	0.0	2.046	0.0
102	4866	4867	NS	1	0.0	25.06	14.642	0.0	38.302	15.643	0.0	327.257	13.8	0.0	90.065	13.305	0.0	1.904	0.0	0.0	1.905	0.0	0.0	2.039	0.0	0.0	2.05	0.0
103	4867	4868	NS	1	0.0	25.231	14.877	0.0	29.759	15.061	0.0	356.636	14.327	0.0	14.284	12.41	0.0	1.902	0.0	0.0	1.904	0.0	0.0	2.038	0.0	0.0	2.05	0.0
104	4867	4868	NS	1	0.0	26.047	9.71	0.0	24.729	9.838	0.0	353.691	3.92	0.0	13.01	3.598	0.0	1.896	0.0	0.0	1.903	0.0	0.0	2.034	0.0	0.0	2.048	0.0
105	4869	4870	SN	1	0.0	37.072	16.266	0.0	26.643	14.02	0.0	149.727	14.612	0.0	15.519	14.12	0.0	1.919	0.0	0.0	1.955	0.0	0.0	2.079	0.0	0.0	2.098	0.0

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

106	4869	4870	SN	1	0.0	37.072	16.258	0.0	26.643	14.299	0.0	149.727	14.399	0.0	76.019	14.492	0.0	1.919	0.0	0.0	1.955	0.0	0.0	2.079	0.0	0.0	2.098	0.0
107	4869	4870	SN	1	0.0	27.112	10.227	0.0	26.152	9.961	0.0	143.009	4.259	0.0	65.645	4.507	0.0	1.917	0.0	0.0	1.931	0.0	0.0	2.073	0.0	0.0	2.079	0.0
108	4869	4870	SN	1	0.0	27.112	10.224	0.0	26.152	9.964	0.0	143.009	4.258	0.0	57.803	4.5	0.0	1.917	0.0	0.0	1.931	0.0	0.0	2.073	0.0	0.0	2.079	0.0
109	4869	4870	NS	1	0.0	25.088	14.617	0.0	38.274	15.6	0.0	354.639	13.828	0.0	37.265	13.252	0.0	1.904	0.0	0.0	1.911	0.0	0.0	2.038	0.0	0.0	2.05	0.0
110	4869	4870	NS	1	0.0	26.064	9.517	0.0	27.161	9.901	0.0	354.639	3.659	0.0	63.924	3.82	0.0	1.897	0.0	0.0	1.907	0.0	0.0	2.032	0.0	0.0	2.048	0.0
111	4869	4870	NS	1	0.0	26.064	9.517	0.0	27.161	9.901	0.0	354.639	3.659	0.0	63.924	3.82	0.0	1.897	0.0	0.0	1.907	0.0	0.0	2.032	0.0	0.0	2.048	0.0
112	4869	4870	SN	1	0.0	37.072	16.241	0.0	26.643	14.299	0.0	149.727	14.395	0.0	76.019	14.492	0.0	1.919	0.0	0.0	1.955	0.0	0.0	2.079	0.0	0.0	2.098	0.0
113	4869	4870	SN	1	0.0	27.112	10.312	0.0	26.152	9.975	0.0	143.009	4.348	0.0	14.157	4.424	0.0	1.917	0.0	0.0	1.931	0.0	0.0	2.073	0.0	0.0	2.079	0.0
114	4869	4870	NS	1	0.0	25.088	14.617	0.0	38.274	15.6	0.0	354.639	13.828	0.0	37.265	13.252	0.0	1.904	0.0	0.0	1.911	0.0	0.0	2.038	0.0	0.0	2.05	0.0
115	4870	4871	SN	1	0.0	37.27	16.233	0.0	26.665	14.294	0.0	147.333	14.392	0.0	67.741	14.557	0.0	1.916	0.0	0.0	1.926	0.0	0.0	2.078	0.0	0.0	2.093	0.0
116	4870	4871	NS	1	0.0	25.226	14.585	0.0	38.285	15.617	0.0	140.928	13.742	0.0	41.947	13.274	0.0	1.901	0.0	0.0	1.914	0.0	0.0	2.041	0.0	0.0	2.05	0.0
117	4870	4871	NS	1	0.0	25.226	14.575	0.0	38.285	15.607	0.0	140.928	13.728	0.0	41.936	13.281	0.0	1.902	0.0	0.0	1.914	0.0	0.0	2.041	0.0	0.0	2.05	0.0
118	4870	4871	SN	1	0.0	27.426	10.256	0.0	26.147	9.965	0.0	144.344	4.309	0.0	14.179	4.428	0.0	1.916	0.0	0.0	1.933	0.0	0.0	2.073	0.0	0.0	2.086	0.0
119	4870	4871	NS	1	0.0	26.047	9.493	0.0	27.084	9.883	0.0	133.345	3.648	0.0	64.818	3.764	0.0	1.898	0.0	0.0	1.907	0.0	0.0	2.034	0.0	0.0	2.047	0.0
120	4870	4871	SN	1	0.0	27.426	10.256	0.0	26.147	9.965	0.0	144.344	4.309	0.0	14.179	4.428	0.0	1.916	0.0	0.0	1.933	0.0	0.0	2.073	0.0	0.0	2.086	0.0
121	4870	4871	SN	1	0.0	37.27	16.231	0.0	26.665	14.129	0.0	147.333	14.515	0.0	19.341	14.357	0.0	1.916	0.0	0.0	1.926	0.0	0.0	2.078	0.0	0.0	2.093	0.0
122	4870	4871	SN	1	0.0	37.27	16.231	0.0	26.665	14.129	0.0	147.333	14.515	0.0	19.341	14.357	0.0	1.916	0.0	0.0	1.926	0.0	0.0	2.078	0.0	0.0	2.093	0.0
123	4870	4871	SN	1	0.0	27.426	10.206	0.0	26.147	9.952	0.0	144.344	4.261	0.0	77.684	4.519	0.0	1.916	0.0	0.0	1.933	0.0	0.0	2.073	0.0	0.0	2.086	0.0
124	4870	4871	NS	1	0.0	26.047	9.488	0.0	27.084	9.886	0.0	133.339	3.642	0.0	60.422	3.764	0.0	1.898	0.0	0.0	1.901	0.0	0.0	2.034	0.0	0.0	2.047	0.0
125	4871	4872	NS	1	0.0	25.055	14.611	0.0	38.076	15.617	0.0	140.966	13.784	0.0	47.341	13.25	0.0	1.902	0.0	0.0	1.913	0.0	0.0	2.04	0.0	0.0	2.049	0.0
126	4871	4872	SN	1	0.0	37.485	16.243	0.0	26.682	14.062	0.0	159.836	14.589	0.0	17.847	14.297	0.0	1.913	0.0	0.0	1.952	0.0	0.0	2.079	0.0	0.0	2.083	0.0
127	4871	4872	SN	1	0.0	37.485	16.233	0.0	26.682	14.213	0.0	159.836	14.453	0.0	78.991	14.511	0.0	1.913	0.0	0.0	1.952	0.0	0.0	2.079	0.0	0.0	2.083	0.0
128	4871	4872	SN	1	0.0	37.485	16.224	0.0	26.682	14.213	0.0	159.836	14.44	0.0	78.991	14.518	0.0	1.913	0.0	0.0	1.952	0.0	0.0	2.079	0.0	0.0	2.083	0.0
129	4871	4872	SN	1	0.0	27.393	10.206	0.0	26.158	9.984	0.0	139.303	4.28	0.0	44.677	4.513	0.0	1.918	0.0	0.0	1.933	0.0	0.0	2.072	0.0	0.0	2.094	0.0
130	4871	4872	NS	1	0.0	26.047	9.468	0.0	27.139	9.88	0.0	136.334	3.62	0.0	59.81	3.709	0.0	1.897	0.0	0.0	1.909	0.0	0.0	2.032	0.0	0.0	2.046	0.0
131	4871	4872	SN	1	0.0	27.393	10.259	0.0	26.158	9.992	0.0	139.303	4.339	0.0	14.168	4.434	0.0	1.918	0.0	0.0	1.933	0.0	0.0	2.072	0.0	0.0	2.094	0.0
132	4871	4872	SN	1	0.0	27.393	10.202	0.0	26.158	9.98	0.0	139.303	4.276	0.0	70.107	4.52	0.0	1.918	0.0	0.0	1.933	0.0	0.0	2.072	0.0	0.0	2.094	0.0
133	4872	4873	SN	1	0.0	27.183	10.217	0.0	226.087	9.985	0.0	190.549	4.301	0.0	57.72	4.525	0.0	1.921	0.0	0.0	1.933	0.0	0.0	2.074	0.0	0.0	2.085	0.0
134	4872	4873	SN	1	0.0	37.022	16.233	0.0	54.921	14.229	0.0	150.223	14.415	0.0	75.451	14.449	0.0	1.911	0.0	0.0	1.923	0.0	0.0	2.079	0.0	0.0	2.066	0.0
135	4872	4873	SN	1	0.0	27.183	10.312	0.0	226.087	9.996	0.0	190.549	4.396	0.0	14.168	4.445	0.0	1.921	0.0	0.0	1.933	0.0	0.0	2.074	0.0	0.0	2.085	0.0
136	4872	4873	SN	1	0.0	37.022	16.252	0.0	54.921	13.99	0.0	150.223	14.642	0.0	15.514	14.077	0.0	1.911	0.0	0.0	1.923	0.0	0.0	2.079	0.0	0.0	2.066	0.0
137	4872	4873	NS	1	0.0	25.237	14.597	0.0	38.302	15.63	0.0	354.656	13.807	0.0	37.138	13.237	0.0	1.902	0.0	0.0	1.911	0.0	0.0	2.038	0.0	0.0	2.05	0.0
138	4872	4873	NS	1	0.0	25.237	14.587	0.0	38.302	15.62	0.0	354.656	13.814	0.0	37.127	13.23	0.0	1.903	0.0	0.0	1.905	0.0	0.0	2.038	0.0	0.0	2.05	0.0
139	4872	4873	NS	1	0.0	26.047	9.479	0.0	27.15	9.89	0.0	352.318	3.638	0.0	63.538	3.748	0.0	1.898	0.0	0.0	1.907	0.0	0.0	2.032	0.0	0.0	2.046	0.0
140	4872	4873	SN	1	0.0	37.022	16.246	0.0	54.921	14.229	0.0	150.223	14.415	0.0	75.451	14.449	0.0	1.911	0.0	0.0	1.923	0.0	0.0	2.079	0.0	0.0	2.066	0.0
141	4872	4873	NS	1	0.0	26.047	9.484	0.0	27.156	9.894	0.0	352.318	3.646	0.0	63.577	3.752	0.0	1.898	0.0	0.0	1.908	0.0	0.0	2.032	0.0	0.0	2.046	0.0
142	4872	4873	SN	1	0.0	27.183	10.213	0.0	226.087	9.981	0.0	190.549	4.301	0.0	62.609	4.53	0.0	1.921	0.0	0.0	1.933	0.0	0.0	2.074	0.0	0.0	2.085	0.0

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

143	4873	4874	SN	1	0.0	33.939	16.267	0.0	26.626	13.816	0.0	172.724	14.784	0.0	14.367	14.03	0.0	1.913	0.0	0.0	1.937	0.0	0.0	2.078	0.0	0.0	2.097	0.0
144	4873	4874	SN	1	0.0	27.31	10.173	0.0	26.158	9.986	0.0	181.317	4.277	0.0	88.615	4.521	0.0	1.921	0.0	0.0	1.933	0.0	0.0	2.073	0.0	0.0	2.092	0.0
145	4873	4874	NS	1	0.0	25.253	14.625	0.0	38.258	15.604	0.0	177.007	13.868	0.0	40.48	13.193	0.0	1.903	0.0	0.0	1.912	0.0	0.0	2.038	0.0	0.0	2.05	0.0
146	4873	4874	NS	1	0.0	26.047	9.521	0.0	27.068	9.872	0.0	166.479	3.65	0.0	60.477	3.774	0.0	1.898	0.0	0.0	1.912	0.0	0.0	2.033	0.0	0.0	2.047	0.0
147	4873	4874	NS	1	0.0	25.253	14.614	0.0	38.258	15.605	0.0	177.007	13.861	0.0	40.469	13.214	0.0	1.903	0.0	0.0	1.911	0.0	0.0	2.039	0.0	0.0	2.05	0.0
148	4873	4874	NS	1	0.0	26.047	9.512	0.0	27.068	9.884	0.0	166.473	3.647	0.0	60.45	3.777	0.0	1.899	0.0	0.0	1.911	0.0	0.0	2.033	0.0	0.0	2.047	0.0
149	4873	4874	SN	1	0.0	33.939	16.246	0.0	26.626	14.268	0.0	172.724	14.459	0.0	79.173	14.515	0.0	1.913	0.0	0.0	1.937	0.0	0.0	2.078	0.0	0.0	2.097	0.0
150	4873	4874	SN	1	0.0	33.939	16.241	0.0	26.626	14.268	0.0	172.724	14.44	0.0	79.173	14.515	0.0	1.913	0.0	0.0	1.937	0.0	0.0	2.078	0.0	0.0	2.097	0.0
151	4873	4874	SN	1	0.0	27.31	10.179	0.0	26.158	9.988	0.0	181.317	4.279	0.0	56.777	4.509	0.0	1.921	0.0	0.0	1.933	0.0	0.0	2.073	0.0	0.0	2.092	0.0
152	4873	4874	SN	1	0.0	27.31	10.324	0.0	26.158	10.008	0.0	181.317	4.419	0.0	14.163	4.481	0.0	1.921	0.0	0.0	1.933	0.0	0.0	2.073	0.0	0.0	2.092	0.0
153	4874	4875	NS	1	0.0	26.058	9.528	0.0	27.128	9.885	0.0	179.555	3.688	0.0	60.025	3.795	0.0	1.899	0.0	0.0	1.909	0.0	0.0	2.033	0.0	0.0	2.046	0.0
154	4874	4875	SN	1	0.0	37.397	16.317	0.0	26.682	13.782	0.0	162.516	14.935	0.0	14.372	13.915	0.0	1.906	0.0	0.0	1.959	0.0	0.0	2.079	0.0	0.0	2.092	0.0
155	4874	4875	SN	1	0.0	37.397	16.236	0.0	26.682	14.255	0.0	162.516	14.443	0.0	67.123	14.504	0.0	1.906	0.0	0.0	1.959	0.0	0.0	2.079	0.0	0.0	2.092	0.0
156	4874	4875	SN	1	0.0	27.316	10.394	0.0	26.158	10.028	0.0	161.43	4.517	0.0	14.151	4.499	0.0	1.921	0.0	0.0	1.934	0.0	0.0	2.073	0.0	0.0	2.084	0.0
157	4874	4875	SN	1	0.0	37.397	16.241	0.0	26.682	14.255	0.0	162.516	14.451	0.0	67.123	14.504	0.0	1.906	0.0	0.0	1.959	0.0	0.0	2.079	0.0	0.0	2.092	0.0
158	4874	4875	NS	1	0.0	25.242	14.564	0.689	38.026	15.651	0.0	185.152	13.906	0.0	35.908	13.301	0.0	1.902	0.0	0.0	1.905	0.0	0.0	2.039	0.0	0.0	2.05	0.0
159	4874	4875	NS	1	0.0	25.242	14.564	0.689	38.026	15.62	0.0	185.18	13.912	0.0	35.886	13.315	0.0	1.903	0.0	0.0	1.902	0.0	0.0	2.039	0.0	0.0	2.05	0.0
160	4874	4875	NS	1	0.0	26.058	9.514	0.0	27.128	9.878	0.0	179.522	3.686	0.0	60.097	3.809	0.0	1.898	0.0	0.0	1.902	0.0	0.0	2.033	0.0	0.0	2.047	0.0
161	4874	4875	SN	1	0.0	27.316	10.171	0.0	26.158	9.989	0.0	161.43	4.301	0.0	49.492	4.495	0.0	1.921	0.0	0.0	1.934	0.0	0.0	2.073	0.0	0.0	2.084	0.0
162	4874	4875	SN	1	0.0	27.316	10.17	0.0	26.158	9.986	0.0	161.43	4.298	0.0	55.486	4.504	0.0	1.921	0.0	0.0	1.934	0.0	0.0	2.073	0.0	0.0	2.084	0.0
163	4875	4876	NS	1	0.0	25.242	14.504	0.0	38.269	15.642	0.0	354.733	13.818	0.0	37.899	13.388	0.0	1.905	0.0	0.0	1.917	0.0	0.0	2.038	0.0	0.0	2.051	0.0
164	4875	4876	SN	1	0.0	27.2	10.51	0.0	26.147	10.063	0.0	137.478	4.611	0.0	14.124	4.481	0.0	1.92	0.0	0.0	1.933	0.0	0.0	2.073	0.0	0.0	2.096	0.0
165	4875	4876	SN	1	0.0	37.138	16.105	0.0	26.632	14.232	0.0	147.438	14.403	0.0	76.306	14.427	0.0	1.908	0.0	0.0	1.93	0.0	0.0	2.078	0.0	0.0	2.079	0.0
166	4875	4876	NS	1	0.0	25.242	14.494	0.0	38.274	15.642	0.0	354.744	13.818	0.0	37.932	13.381	0.0	1.904	0.0	0.0	1.908	0.0	0.0	2.038	0.0	0.0	2.05	0.0
167	4875	4876	SN	1	0.0	27.2	10.201	0.0	26.147	9.968	0.0	137.478	4.292	0.0	63.238	4.443	0.0	1.92	0.0	0.0	1.933	0.0	0.0	2.073	0.0	0.0	2.096	0.0
168	4875	4876	SN	1	0.0	27.2	10.197	0.0	26.152	9.978	0.0	139.077	4.293	0.0	58.972	4.433	0.0	1.921	0.0	0.0	1.932	0.0	0.0	2.073	0.0	0.0	2.096	0.0
169	4875	4876	SN	1	0.0	37.138	16.113	0.0	26.632	14.251	0.0	147.554	14.395	0.0	76.306	14.406	0.0	1.905	0.0	0.0	1.926	0.0	0.0	2.078	0.0	0.0	2.079	0.0
170	4875	4876	SN	1	0.0	37.138	16.274	0.0	26.632	13.703	0.0	147.438	15.118	0.0	14.361	13.779	0.0	1.908	0.0	0.0	1.93	0.0	0.0	2.078	0.0	0.0	2.079	0.0
171	4875	4876	NS	1	0.0	26.053	9.532	0.0	27.178	9.895	0.0	352.461	3.685	0.0	68.722	3.85	0.0	1.899	0.0	0.0	1.9	0.0	0.0	2.032	0.0	0.0	2.047	0.0
172	4875	4876	NS	1	0.0	26.042	9.521	0.0	27.178	9.911	0.0	352.478	3.692	0.0	68.827	3.845	0.0	1.897	0.0	0.0	1.901	0.0	0.0	2.032	0.0	0.0	2.048	0.0
173	4876	4877	SN	1	0.0	27.233	10.586	0.0	26.147	10.155	0.0	141.046	4.745	0.0	14.135	4.475	0.0	1.917	0.0	0.0	1.932	0.0	0.0	2.071	0.0	0.0	2.095	0.0
174	4876	4877	NS	1	0.0	26.058	9.551	0.0	27.04	9.894	0.0	128.127	3.677	0.0	61.542	3.818	0.0	1.899	0.0	0.0	1.899	0.0	0.0	2.033	0.0	0.0	2.051	0.0
175	4876	4877	SN	1	0.0	37.32	16.464	0.0	26.626	13.679	0.0	146.412	15.279	0.0	14.378	13.756	0.0	1.911	0.0	0.0	1.955	0.0	0.0	2.077	0.0	0.0	2.093	0.0
176	4876	4877	SN	1	0.0	27.233	10.192	0.0	26.147	9.984	0.0	141.19	4.288	0.0	42.565	4.379	0.0	1.917	0.0	0.0	1.932	0.0	0.0	2.071	0.0	0.0	2.096	0.0
177	4876	4877	NS	1	0.0	26.058	9.553	0.0	27.04	9.892	0.0	127.901	3.677	0.0	61.636	3.816	0.0	1.898	0.0	0.0	1.906	0.0	0.0	2.033	0.0	0.0	2.047	0.0
178	4876	4877	NS	1	0.0	25.286	14.572	0.0	37.993	15.592	0.0	140.271	13.842	0.0	45.736	13.391	0.0	1.904	0.0	0.0	1.9	0.0	0.0	2.04	0.0	0.0	2.05	0.0
179	4876	4877	NS	1	0.0	25.082	14.562	0.0	37.993	15.572	0.0	140.111	13.842	0.0	50.766	13.356	0.0	1.903	0.0	0.0	1.904	0.0	0.0	2.038	0.0	0.0	2.051	0.0

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

180	4876	4877	SN	1	0.0	37.32	16.15	0.0	26.626	14.3	0.0	146.412	14.271	0.0	62.849	14.438	0.0	1.911	0.0	0.0	1.955	0.0	0.0	2.077	0.0	0.0	2.093	0.0
181	4876	4877	SN	1	0.0	37.32	16.145	0.0	26.621	14.31	0.0	146.523	14.251	0.0	62.849	14.431	0.0	1.913	0.0	0.0	1.958	0.0	0.0	2.078	0.0	0.0	2.092	0.0
182	4876	4877	SN	1	0.0	27.233	10.184	0.0	26.147	9.978	0.0	141.046	4.305	0.0	77.323	4.392	0.0	1.917	0.0	0.0	1.932	0.0	0.0	2.071	0.0	0.0	2.095	0.0
183	4877	4878	SN	1	0.0	37.463	16.17	0.0	26.61	14.286	0.0	158.236	14.165	0.0	79.945	14.536	0.0	1.909	0.0	0.0	1.922	0.0	0.0	2.078	0.0	0.0	2.104	0.0
184	4877	4878	NS	1	0.0	25.248	14.525	0.0	38.081	15.62	0.0	140.321	13.916	0.0	36.211	13.393	0.0	1.902	0.0	0.0	1.909	0.0	0.0	2.038	0.0	0.0	2.053	0.0
185	4877	4878	SN	1	0.0	27.161	10.218	0.0	26.136	9.994	0.0	145.96	4.311	0.0	70.89	4.366	0.0	1.916	0.0	0.0	1.934	0.0	0.0	2.072	0.0	0.0	2.099	0.0
186	4877	4878	NS	1	0.0	26.069	9.543	0.0	27.145	9.901	0.0	140.321	3.666	0.0	57.053	3.845	0.0	1.899	0.0	0.0	1.901	0.0	0.0	2.034	0.0	0.0	2.049	0.0
187	4877	4878	NS	1	0.0	26.069	9.543	0.0	27.145	9.901	0.0	140.321	3.666	0.0	57.053	3.845	0.0	1.899	0.0	0.0	1.901	0.0	0.0	2.034	0.0	0.0	2.049	0.0
188	4877	4878	NS	1	0.0	25.248	14.525	0.0	38.081	15.62	0.0	140.321	13.916	0.0	36.211	13.393	0.0	1.902	0.0	0.0	1.909	0.0	0.0	2.038	0.0	0.0	2.053	0.0
189	4878	4879	SN	1	0.0	27.299	10.189	0.0	26.141	9.966	0.0	149.484	4.278	0.0	63.221	4.358	0.0	1.918	0.0	0.0	1.931	0.0	0.0	2.072	0.0	0.0	2.096	0.0
190	4878	4879	SN	1	0.0	37.16	16.083	0.0	26.632	14.284	0.0	143.252	14.253	0.0	75.771	14.441	0.0	1.904	0.0	0.0	1.955	0.0	0.0	2.077	0.0	0.0	2.082	0.0
191	4878	4879	NS	1	0.0	25.038	14.48	0.0	38.263	15.635	0.0	145.709	13.917	0.0	81.545	13.455	0.0	1.902	0.0	0.0	1.914	0.0	0.0	2.039	0.0	0.0	2.052	0.0
192	4878	4879	NS	1	0.0	26.047	9.536	0.0	27.167	9.897	0.0	136.207	3.711	0.0	63.654	3.831	0.0	1.897	0.0	0.0	1.902	0.0	0.0	2.035	0.0	0.0	2.046	0.0
193	4879	4880	NS	1	0.0	26.053	9.557	0.0	27.101	9.894	0.0	129.418	3.663	0.0	21.078	3.786	0.0	1.897	0.0	0.0	1.901	0.0	0.0	2.034	0.0	0.0	2.048	0.0
194	4879	4880	NS	1	0.0	26.053	9.554	0.0	27.101	9.897	0.0	129.418	3.66	0.0	61.183	3.818	0.0	1.897	0.0	0.0	1.901	0.0	0.0	2.034	0.0	0.0	2.048	0.0
195	4879	4880	SN	1	0.0	27.255	10.193	0.0	26.13	9.971	0.0	154.111	4.276	0.0	77.668	4.389	0.0	1.92	0.0	0.0	1.926	0.0	0.0	2.074	0.0	0.0	2.096	0.0
196	4879	4880	NS	1	0.0	25.215	14.611	0.0	37.96	15.552	0.0	142.4	13.894	0.0	29.141	13.361	0.0	1.901	0.0	0.0	1.907	0.0	0.0	2.04	0.0	0.0	2.053	0.0
197	4879	4880	NS	1	0.0	25.215	14.608	0.0	37.96	15.625	0.0	142.4	13.861	0.0	83.938	13.442	0.0	1.901	0.0	0.0	1.907	0.0	0.0	2.04	0.0	0.0	2.053	0.0
198	4879	4880	SN	1	0.0	37.177	16.143	0.0	26.626	14.274	0.0	162.329	14.265	0.0	68.187	14.469	0.0	1.906	0.0	0.0	1.955	0.0	0.0	2.077	0.0	0.0	2.082	0.0
199	4880	4881	SN	1	0.0	37.441	16.133	0.0	26.648	14.241	0.0	194.31	14.221	0.0	83.85	14.446	0.0	1.908	0.0	0.0	1.923	0.0	0.0	2.077	0.0	0.0	2.058	0.0
200	4880	4881	SN	1	0.0	27.338	10.198	0.0	26.147	9.998	0.0	184.918	4.293	0.0	75.542	4.364	0.0	1.917	0.0	0.0	1.923	0.0	0.0	2.074	0.0	0.0	2.095	0.0
201	4880	4881	NS	1	0.0	25.226	14.616	0.0	31.59	15.278	0.0	133.99	13.997	0.0	15.955	13.003	0.0	1.902	0.0	0.0	1.914	0.0	0.0	2.04	0.0	0.0	2.053	0.0
202	4880	4881	NS	1	0.0	25.226	14.551	0.0	38.042	15.644	0.0	133.99	13.835	0.0	37.331	13.456	0.0	1.902	0.0	0.0	1.914	0.0	0.0	2.04	0.0	0.0	2.053	0.0
203	4880	4881	NS	1	0.0	26.064	9.564	0.0	27.145	9.911	0.0	307.773	3.664	0.0	60.919	3.842	0.0	1.9	0.0	0.0	1.907	0.0	0.0	2.034	0.0	0.0	2.051	0.0
204	4880	4881	NS	1	0.0	26.064	9.594	0.0	25.099	9.878	0.0	307.773	3.728	0.0	12.993	3.688	0.0	1.9	0.0	0.0	1.907	0.0	0.0	2.034	0.0	0.0	2.051	0.0
205	4881	4882	NS	1	0.0	25.281	14.59	0.0	29.621	15.063	0.0	337.929	14.213	0.0	14.3	12.738	0.0	1.902	0.0	0.0	1.925	0.0	0.0	2.041	0.0	0.0	2.054	0.0
206	4881	4882	NS	1	0.0	26.064	9.585	0.0	27.062	9.9	0.0	340.091	3.67	0.0	83.481	3.861	0.0	1.897	0.0	0.0	1.899	0.0	0.0	2.036	0.0	0.0	2.048	0.0
207	4881	4882	NS	1	0.0	26.064	9.719	0.0	24.327	9.831	0.0	340.091	3.846	0.0	13.01	3.687	0.0	1.897	0.0	0.0	1.899	0.0	0.0	2.036	0.0	0.0	2.048	0.0
208	4881	4882	SN	1	0.0	37.0	16.147	0.0	26.648	14.35	0.0	192.771	14.223	0.0	76.714	14.456	0.0	1.912	0.0	0.0	1.94	0.0	0.0	2.08	0.0	0.0	2.099	0.0
209	4881	4882	NS	1	0.0	25.281	14.458	0.0	38.235	15.594	0.0	337.929	13.796	0.0	104.195	13.487	0.0	1.902	0.0	0.0	1.925	0.0	0.0	2.041	0.0	0.0	2.054	0.0
210	4881	4882	SN	1	0.0	27.15	10.196	0.0	26.141	10.003	0.0	188.784	4.302	0.0	67.628	4.354	0.0	1.923	0.0	0.0	1.926	0.0	0.0	2.07	0.0	0.0	2.092	0.0
211	4882	4883	NS	1	0.0	26.075	9.842	0.0	24.321	9.894	0.0	338.784	3.938	0.0	12.999	3.756	0.0	1.897	0.0	0.0	1.908	0.0	0.0	2.036	0.0	0.0	2.049	0.0
212	4882	4883	NS	1	0.0	25.226	14.791	0.0	29.489	14.91	0.0	353.884	14.478	0.0	14.339	12.517	0.0	1.902	0.0	0.0	1.913	0.0	0.0	2.041	0.0	0.0	2.053	0.0

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