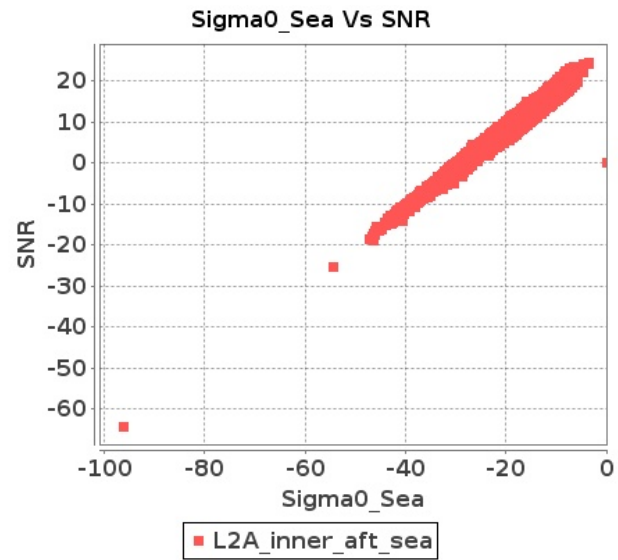


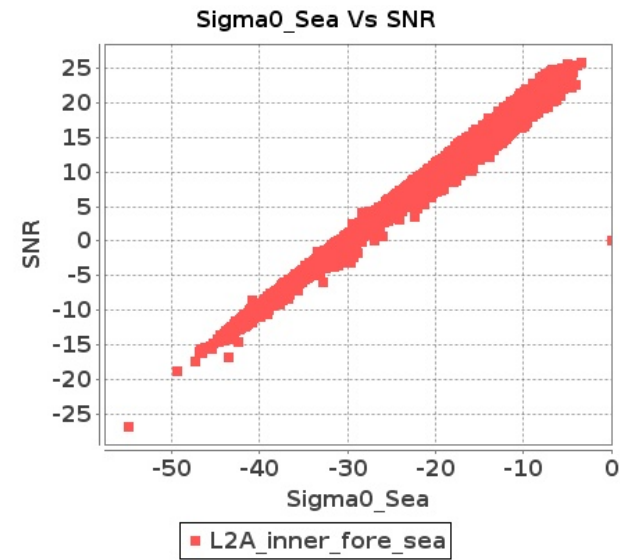
# SCATSAT-1 Scatterometer Level-2A Data Quality Cycle wise Report

Report between 20-AUG-2017 To 21-AUG-2017

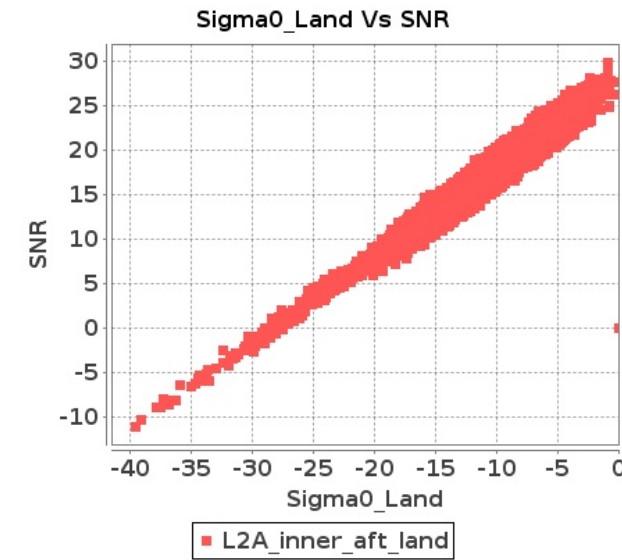
### Inner Sea Aft Sigma0VsSNR



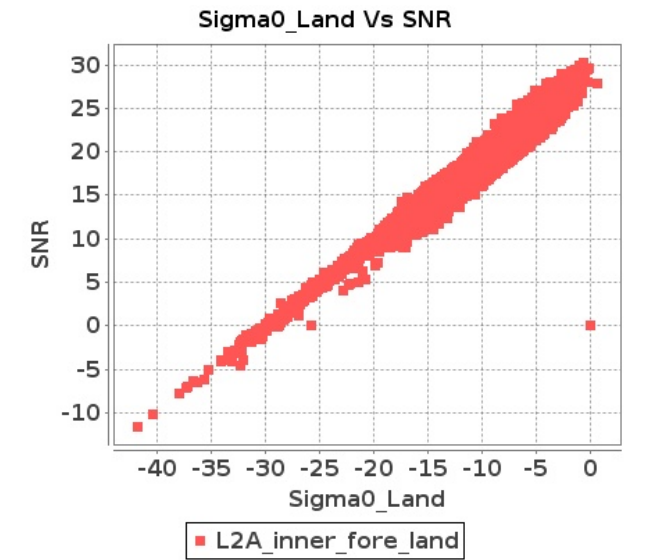
### Inner Sea Fore Sigma0VsSNR



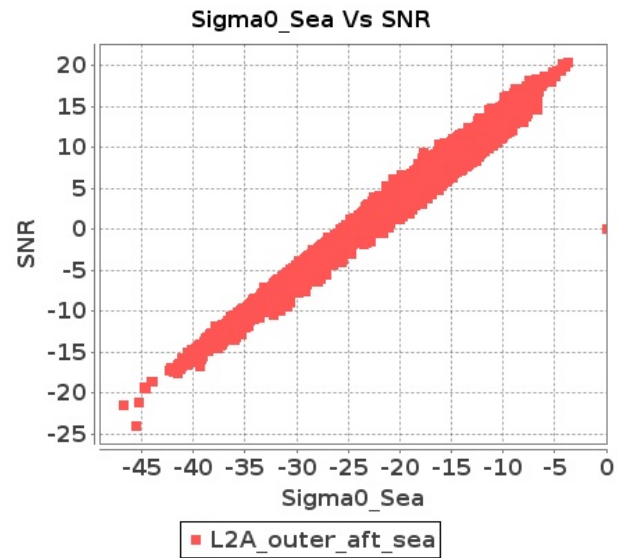
### Inner Land Aft Sigma0VsSNR



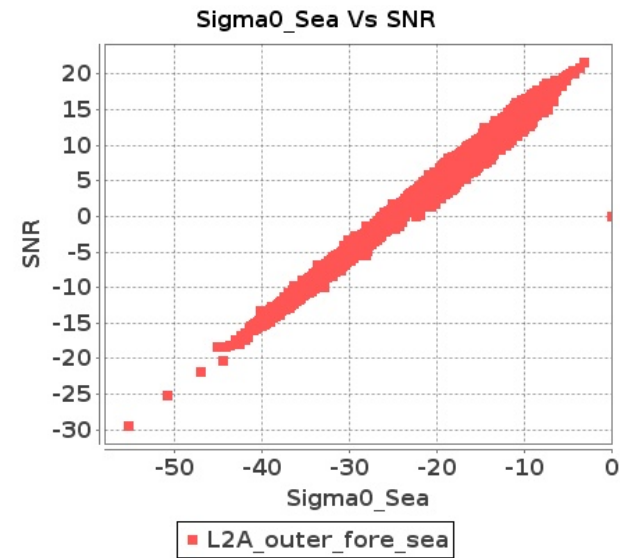
### Inner Land Fore Sigma0VsSNR



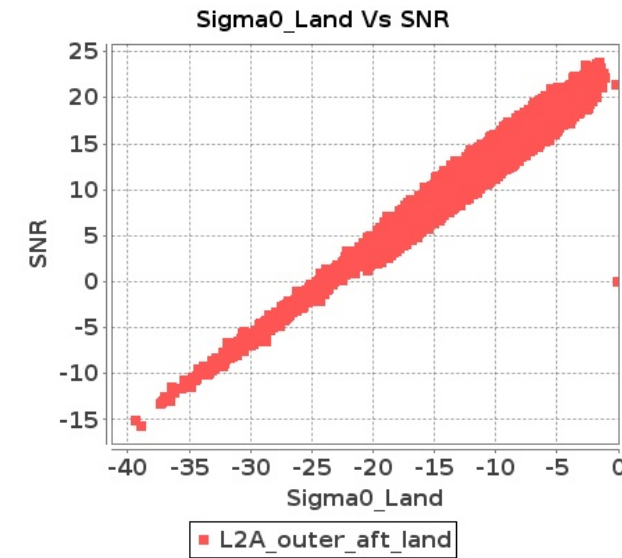
### Outer Sea Aft Sigma0VsSNR



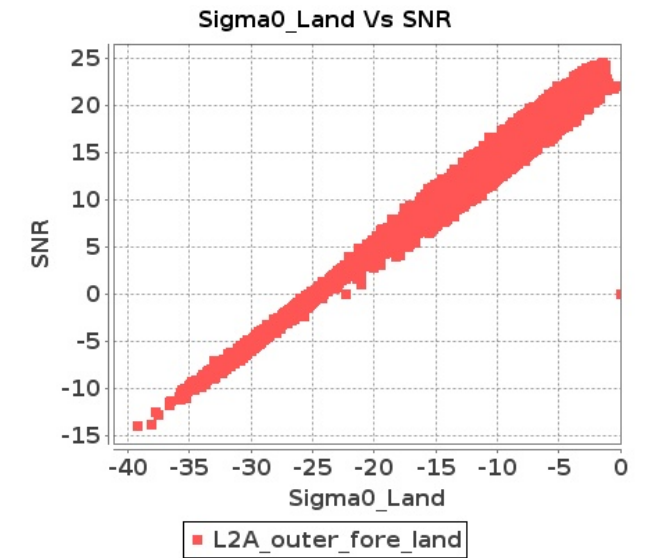
### Outer Sea Fore Sigma0VsSNR



### Outer Land Aft Sigma0VsSNR



### Outer Land Fore Sigma0VsSNR



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

Report between 20-AUG-2017 To 21-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	4753	4754	SN	1	0.0	47.275	7.604	0.0	50.51	7.414	0.0	46.89	5.313	0.0	49.605	5.774	0.0	48.199	6.652	0.0	50.978	6.531	0.0	45.364	4.781	0.0	48.22	4.991
2	4753	4754	NS	1	0.0	53.16	3.46	0.0	47.994	3.118	0.0	42.832	2.129	0.0	50.397	2.024	0.0	52.24	3.065	0.0	48.647	2.821	0.0	39.916	1.952	0.0	51.446	1.888
3	4753	4754	SN	1	0.0	50.381	2.279	0.0	53.173	2.333	0.0	43.879	1.525	0.0	41.412	1.487	0.0	50.98	1.954	0.0	50.347	1.997	0.0	41.447	1.39	0.0	42.739	1.322
4	4753	4754	SN	1	0.0	50.381	2.291	0.0	53.173	2.377	0.0	43.879	1.504	0.0	41.412	1.496	0.0	50.98	1.964	0.0	50.347	2.036	0.0	41.447	1.35	0.0	42.739	1.326
5	4753	4754	SN	1	0.0	47.275	7.625	0.0	50.51	7.547	0.0	46.89	5.257	0.0	49.605	5.858	0.0	48.199	6.685	0.0	50.978	6.667	0.0	45.364	4.736	0.0	48.22	5.067
6	4753	4754	SN	1	0.0	47.275	7.604	0.0	50.51	7.414	0.0	46.89	5.324	0.0	49.605	5.774	0.0	48.199	6.644	0.0	50.978	6.531	0.0	45.364	4.8	0.0	48.22	4.991
7	4753	4754	SN	1	0.0	50.381	2.277	0.0	53.173	2.333	0.0	43.879	1.532	0.0	41.412	1.487	0.0	50.98	1.952	0.0	50.347	1.997	0.0	41.447	1.399	0.0	42.739	1.322
8	4753	4754	NS	1	0.0	55.531	11.16	0.0	53.223	9.874	0.0	47.137	7.386	0.0	46.246	7.028	0.0	57.884	10.145	0.0	55.879	9.213	0.0	48.114	7.073	0.0	46.948	6.636
9	4754	4755	SN	1	0.0	51.127	5.284	0.0	47.573	4.193	0.0	45.279	4.309	0.0	41.542	3.858	0.0	48.182	5.171	0.0	47.749	4.203	0.0	40.859	4.101	0.0	40.955	3.427
10	4754	4755	NS	1	0.0	53.652	5.358	0.0	56.178	4.416	0.0	44.968	3.612	0.0	50.669	3.565	0.0	53.915	4.962	0.0	58.35	4.161	0.0	42.88	3.314	0.0	49.658	3.158
11	4754	4755	SN	1	0.0	51.127	5.284	0.0	47.573	4.193	0.0	45.279	4.309	0.0	41.542	3.858	0.0	48.182	5.171	0.0	47.749	4.203	0.0	40.859	4.101	0.0	40.955	3.427
12	4754	4755	SN	1	0.0	43.324	1.815	0.0	43.915	1.532	0.0	39.124	1.371	0.0	46.342	1.29	0.0	41.143	1.683	0.0	42.091	1.349	0.0	37.659	1.272	0.0	48.656	1.143
13	4754	4755	SN	1	0.0	43.324	1.802	0.0	43.915	1.517	0.0	39.124	1.398	0.0	46.342	1.273	0.0	41.143	1.669	0.0	42.091	1.334	0.0	37.659	1.31	0.0	48.656	1.13
14	4754	4755	NS	1	0.0	46.082	1.703	0.0	41.291	1.281	0.0	40.666	1.054	0.0	45.715	1.008	0.0	47.136	1.584	0.0	41.906	1.145	0.0	42.188	0.951	0.0	45.844	0.873
15	4754	4755	NS	1	0.0	43.262	1.721	0.0	42.001	1.283	0.0	39.704	1.049	0.0	41.605	1.012	0.0	42.817	1.595	0.0	39.481	1.143	0.0	41.583	0.948	0.0	42.712	0.882
16	4754	4755	NS	1	0.0	53.054	5.348	0.0	58.613	4.385	0.0	42.29	3.577	0.0	50.069	3.572	0.0	53.637	4.962	0.0	60.782	4.141	0.0	40.397	3.307	0.0	49.059	3.144
17	4754	4755	SN	1	0.0	51.127	5.301	0.0	47.573	4.151	0.0	45.279	4.368	0.0	41.542	3.819	0.0	48.182	5.149	0.0	47.749	4.161	0.0	40.859	4.148	0.0	40.955	3.392
18	4754	4755	SN	1	0.0	43.324	1.815	0.0	43.915	1.532	0.0	39.124	1.371	0.0	46.342	1.29	0.0	41.143	1.683	0.0	42.091	1.349	0.0	37.659	1.272	0.0	48.656	1.143
19	4755	4756	SN	1	0.0	45.233	7.08	0.0	52.62	6.803	0.0	41.289	5.168	0.0	46.8	5.189	0.0	46.43	6.564	0.0	48.254	6.347	0.0	44.003	4.778	0.0	44.566	4.777
20	4755	4756	NS	1	0.0	44.038	1.39	0.0	47.703	0.958	0.0	42.807	0.912	0.0	36.583	0.884	0.0	44.105	1.024	0.0	46.382	0.754	0.0	39.68	0.786	0.0	37.044	0.699
21	4755	4756	NS	1	0.0	44.038	1.39	0.0	47.703	0.958	0.0	42.807	0.912	0.0	36.583	0.884	0.0	44.105	1.024	0.0	46.382	0.754	0.0	39.68	0.786	0.0	37.044	0.699
22	4755	4756	NS	1	0.0	45.397	4.019	0.0	52.57	2.962	0.0	45.296	2.93	0.0	39.944	2.475	0.0	45.48	3.247	0.0	52.135	2.361	0.0	41.651	2.51	0.0	37.243	2.047
23	4755	4756	NS	1	0.0	45.397	4.019	0.0	52.57	2.962	0.0	45.296	2.93	0.0	39.944	2.475	0.0	45.48	3.247	0.0	52.135	2.361	0.0	41.651	2.51	0.0	37.243	2.047
24	4755	4756	SN	1	0.0	44.897	2.558	0.0	46.209	2.316	0.0	39.19	1.776	0.0	42.385	1.795	0.0	47.228	2.135	0.0	46.754	2.075	0.0	35.57	1.59	0.0	43.382	1.513
25	4755	4756	SN	1	0.0	44.897	2.563	0.0	46.209	2.316	0.0	39.19	1.774	0.0	42.385	1.795	0.0	47.228	2.132	0.0	46.754	2.075	0.0	35.57	1.589	0.0	43.382	1.513
26	4755	4756	SN	1	0.0	45.233	6.961	0.0	52.62	6.692	0.0	38.591	5.159	0.0	46.8	5.104	0.0	46.43	6.467	0.0	48.254	6.229	0.0	41.274	4.749	0.0	44.566	4.692
27	4755	4756	SN	1	0.0	44.897	2.582	0.0	46.209	2.32	0.0	39.19	1.788	0.0	42.385	1.798	0.0	47.228	2.131	0.0	44.236	2.082	0.0	35.565	1.617	0.0	43.382	1.512
28	4755	4756	SN	1	0.0	45.233	7.08	0.0	52.62	6.813	0.0	41.289	5.175	0.0	46.8	5.182	0.0	46.43	6.564	0.0	48.254	6.357	0.0	44.003	4.778	0.0	44.566	4.777
29	4756	4757	NS	1	0.0	45.454	1.479	0.0	44.346	1.137	0.0	43.376	0.896	0.0	39.45	0.87	0.0	44.988	1.229	0.0	43.874	0.987	0.0	44.911	0.773	0.0	36.947	0.753
30	4756	4757	NS	1	0.0	50.726	5.744	0.0	50.619	4.386	0.0	44.939	3.228	0.0	45.369	3.195	0.0	50.197	4.993	0.0	49.092	3.918	0.0	44.213	2.972	0.0	45.086	2.76
31	4756	4757	NS	1	0.0	52.146	5.69	0.0	49.427	4.397	0.0	48.399	3.384	0.0	41.314	3.118	0.0	51.113	4.97	0.0	50.664	3.878	0.0	46.993	2.971	0.0	42.066	2.654

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

32	4756	4757	SN	1	1.737	45.452	8.309	0.0	47.426	6.994	0.0	40.061	5.275	0.0	46.818	5.85	1.485	45.744	7.51	0.0	45.935	6.6	0.0	43.505	4.845	0.0	44.838	5.435
33	4756	4757	SN	1	0.0	40.193	2.635	0.0	49.813	2.251	0.0	38.2	1.895	0.0	41.699	1.942	0.0	43.241	2.279	0.0	52.227	2.005	0.0	36.259	1.699	0.0	42.163	1.733
34	4756	4757	SN	1	0.0	44.968	2.567	0.0	47.572	2.256	0.0	38.847	1.866	0.0	45.541	1.983	0.0	40.617	2.218	0.0	49.983	2.032	0.0	37.35	1.636	0.0	43.29	1.731
35	4756	4757	SN	1	0.0	50.084	8.73	0.0	47.532	6.823	0.0	44.286	5.332	0.0	42.959	5.772	0.0	50.181	7.87	0.0	45.43	6.499	0.0	43.149	4.999	0.0	41.858	5.317
36	4756	4757	NS	1	0.0	49.837	1.57	0.0	48.987	1.055	0.0	44.767	0.905	0.0	40.203	0.829	0.0	46.736	1.204	0.0	46.812	0.869	0.0	42.545	0.79	0.0	39.884	0.731
37	4757	4758	SN	1	0.0	43.471	3.123	0.0	44.12	2.903	0.0	39.314	2.531	0.0	40.507	2.58	0.0	42.67	2.792	0.0	42.772	2.646	0.0	40.668	2.398	0.0	38.034	2.374
38	4757	4758	NS	1	0.0	53.938	2.935	0.0	47.516	2.537	0.0	39.691	2.215	0.0	38.91	2.158	0.0	52.593	2.912	0.0	46.173	2.514	0.0	39.709	2.172	0.0	39.957	2.077
39	4757	4758	NS	1	0.0	51.241	9.246	0.0	51.162	8.577	0.0	44.128	7.064	0.0	47.043	6.988	0.0	50.792	9.337	0.0	49.737	8.292	0.0	46.252	7.022	0.0	46.318	6.838
40	4757	4758	SN	1	0.0	48.673	9.511	0.0	52.075	9.043	0.0	43.918	7.093	0.0	40.952	7.723	0.0	50.299	8.682	0.0	52.009	8.343	0.0	44.948	6.873	0.0	39.542	7.489
41	4758	4759	SN	1	0.0	49.571	3.864	0.0	48.217	3.727	0.0	42.236	2.586	0.0	43.588	2.713	0.0	47.686	3.763	0.0	49.449	3.528	0.0	40.479	2.51	0.0	43.573	2.603
42	4758	4759	NS	1	0.0	50.944	5.816	0.0	48.537	4.65	0.0	44.673	5.021	0.0	45.22	4.371	0.0	50.354	4.892	0.0	44.372	4.06	0.0	43.463	4.36	0.0	44.354	3.929
43	4758	4759	SN	1	0.0	50.457	3.899	0.0	48.325	3.945	0.0	44.41	2.612	0.0	42.199	2.886	0.0	48.768	3.809	0.0	49.556	3.688	0.0	48.338	2.522	0.0	41.756	2.771
44	4758	4759	NS	1	0.0	44.434	2.024	0.0	49.79	1.417	0.0	38.264	1.515	0.0	41.04	1.389	0.0	47.479	1.647	0.0	51.713	1.313	0.0	38.89	1.306	0.0	40.607	1.186
45	4758	4759	SN	1	0.0	51.367	10.664	0.0	49.735	10.517	0.0	50.822	8.071	0.0	48.806	8.531	0.0	51.294	10.162	0.0	50.357	9.831	0.0	49.244	7.951	0.0	46.776	8.395
46	4758	4759	SN	1	0.0	51.367	10.795	0.0	49.735	10.372	0.0	50.822	8.114	0.0	48.806	8.236	0.0	51.294	10.259	0.0	50.357	9.642	0.0	49.244	7.986	0.0	46.776	8.1
47	4758	4759	SN	1	0.0	49.47	10.847	0.0	50.216	10.464	0.0	41.679	8.122	0.0	48.124	8.193	0.0	52.606	10.301	0.0	52.244	9.794	0.0	42.586	8.051	0.0	46.094	8.086
48	4758	4759	NS	1	0.0	45.64	1.955	0.0	48.788	1.492	0.0	39.606	1.527	0.0	36.699	1.403	0.0	46.595	1.625	0.0	46.208	1.313	0.0	38.725	1.29	0.0	36.528	1.205
49	4758	4759	SN	1	0.0	50.457	3.841	0.0	48.325	3.779	0.0	44.41	2.591	0.0	42.199	2.759	0.0	48.768	3.733	0.0	49.556	3.537	0.0	48.338	2.508	0.0	41.756	2.64
50	4758	4759	NS	1	0.0	49.803	5.549	0.0	46.528	4.305	0.0	47.244	4.855	0.0	45.012	4.443	0.0	51.257	4.839	0.0	45.77	3.786	0.0	45.904	4.294	0.0	45.49	3.801
51	4759	4760	SN	1	0.0	50.567	8.264	0.0	55.121	8.225	0.0	45.202	5.474	0.0	48.088	6.846	0.0	50.41	7.263	0.0	53.106	7.525	0.0	44.434	5.055	0.0	49.655	6.043
52	4759	4760	SN	1	0.0	49.919	7.717	0.0	55.121	7.936	0.0	45.202	5.411	0.0	48.088	6.792	0.0	50.41	6.763	0.0	53.106	7.234	0.0	44.434	5.004	0.0	49.655	6.037
53	4759	4760	NS	1	0.0	41.948	6.858	0.0	47.473	6.062	0.0	43.127	5.367	0.0	43.687	4.605	0.0	41.397	6.341	0.0	47.132	5.432	0.0	43.215	4.948	0.0	43.968	4.377
54	4759	4760	NS	1	0.0	43.186	6.906	0.0	47.976	6.011	0.0	43.152	5.658	0.0	42.662	4.676	0.0	44.0	6.379	0.0	44.565	5.533	0.0	43.299	5.302	0.0	42.976	4.398
55	4759	4760	SN	1	0.0	60.721	8.284	0.0	50.967	8.225	0.0	47.173	5.414	0.0	44.73	6.811	0.0	58.798	7.241	0.0	51.236	7.495	0.0	43.337	5.131	0.0	46.285	6.057
56	4759	4760	SN	1	0.0	52.118	2.699	0.0	53.136	2.849	0.0	49.015	1.755	0.0	41.266	1.925	0.0	50.503	2.399	0.0	48.173	2.529	0.0	45.963	1.571	0.0	40.625	1.697
57	4759	4760	NS	1	0.0	43.989	2.347	0.0	54.943	1.892	0.0	37.591	1.684	0.0	36.942	1.431	0.0	42.618	2.015	0.0	56.929	1.722	0.0	38.856	1.556	0.0	36.842	1.316
58	4759	4760	NS	1	0.0	42.301	2.312	0.0	49.823	1.93	0.0	38.797	1.69	0.0	37.399	1.502	0.0	43.809	2.021	0.0	46.857	1.717	0.0	39.534	1.516	0.0	39.9	1.383
59	4759	4760	SN	1	0.0	53.602	2.829	0.0	53.136	2.881	0.0	46.424	1.75	0.0	43.831	1.969	0.0	52.855	2.516	0.0	48.174	2.558	0.0	45.925	1.55	0.0	44.0	1.744
60	4759	4760	SN	1	0.0	52.118	2.79	0.0	53.136	2.84	0.0	49.015	1.789	0.0	41.266	1.921	0.0	50.503	2.493	0.0	48.173	2.511	0.0	45.963	1.585	0.0	40.625	1.696
61	4760	4761	SN	1	0.0	47.391	2.087	0.0	49.266	2.168	0.0	41.922	1.392	0.0	44.052	1.477	0.0	47.815	1.945	0.0	47.516	1.961	0.0	42.605	1.236	0.0	42.191	1.312
62	4760	4761	SN	1	0.0	48.681	2.164	0.0	48.585	2.081	0.0	45.092	1.398	0.0	43.867	1.491	0.0	52.011	1.977	0.0	50.823	1.966	0.0	43.65	1.256	0.0	43.443	1.358
63	4760	4761	SN	1	0.0	55.936	6.28	0.0	50.209	6.545	0.0	49.829	4.531	0.0	45.488	5.319	0.0	55.324	5.542	0.0	52.381	5.855	0.0	46.529	4.183	0.0	43.278	4.694
64	4760	4761	SN	1	0.0	55.936	6.25	0.0	50.209	6.545	0.0	49.829	4.566	0.0	45.488	5.334	0.0	55.324	5.522	0.0	52.381	5.895	0.0	46.529	4.219	0.0	43.655	4.715
65	4760	4761	NS	1	0.0	44.569	6.885	0.0	43.548	5.149	0.0	44.014	4.753	0.0	47.962	4.307	0.0	43.553	6.672	0.0	43.231	4.986	0.0	43.068	4.547	0.0	46.448	4.143
66	4760	4761	NS	1	0.0	47.485	2.231	0.0	48.667	1.704	0.0	36.566	1.454	0.0	35.589	1.444	0.0	45.42	2.109	0.0	47.373	1.53	0.0	35.077	1.408	0.0	37.649	1.296
67	4760	4761	NS	1	0.0	48.502	6.989	0.0	47.547	5.319	0.0	41.203	4.67	0.0	46.309	4.277	0.0	44.977	6.694	0.0	44.319	4.862	0.0	42.56	4.578	0.0	45.948	4.213

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

68	4760	4761	NS	1	0.0	43.616	2.208	0.0	44.823	1.713	0.0	38.497	1.49	0.0	40.534	1.397	0.0	44.037	2.037	0.0	42.806	1.57	0.0	36.499	1.416	0.0	38.659	1.25
69	4761	4762	SN	1	0.0	43.064	3.936	0.0	48.727	4.141	0.0	41.327	3.0	0.0	44.288	3.186	0.0	42.348	3.127	0.0	49.215	3.37	0.0	41.853	2.355	0.0	44.047	2.56
70	4761	4762	NS	1	0.0	53.805	9.004	0.0	48.942	7.621	0.0	47.228	6.743	0.0	45.341	5.955	0.0	54.463	8.163	0.0	48.313	7.0	0.0	45.948	6.353	0.0	43.545	5.427
71	4761	4762	SN	1	0.0	41.883	1.406	0.0	47.912	1.436	0.0	37.225	1.027	0.0	38.318	0.935	0.0	39.214	1.088	0.0	43.137	1.158	0.0	35.114	0.772	0.0	36.654	0.686
72	4761	4762	NS	1	0.0	45.978	2.86	0.0	50.437	2.377	0.0	41.043	1.894	0.0	45.094	1.703	0.0	46.516	2.535	0.0	48.865	2.021	0.0	39.633	1.729	0.0	44.066	1.486
73	4762	4763	NS	1	0.0	51.651	7.994	0.0	50.327	7.405	0.0	44.594	5.964	0.0	48.43	5.917	0.0	51.91	7.223	0.0	51.321	7.049	0.0	44.482	5.651	0.0	48.034	5.675
74	4762	4763	SN	1	0.0	48.666	5.978	0.0	52.994	4.909	0.0	46.376	4.325	0.0	47.935	4.123	0.0	46.089	5.149	0.0	56.235	4.452	0.0	44.73	3.9	0.0	46.712	3.519
75	4762	4763	SN	1	0.0	53.093	1.957	0.0	43.943	1.64	0.0	42.799	1.295	0.0	38.977	1.288	0.0	49.804	1.583	0.0	45.856	1.367	0.0	43.739	1.171	0.0	37.062	1.099
76	4762	4763	NS	1	0.0	43.632	2.572	0.0	52.938	2.408	0.0	39.365	1.817	0.0	43.867	1.792	0.0	45.382	2.349	0.0	52.014	2.238	0.0	41.774	1.605	0.0	43.641	1.607
77	4763	4764	NS	1	0.0	47.423	6.603	0.0	49.948	4.934	0.0	42.804	5.339	0.0	43.666	4.556	0.0	49.089	5.944	0.0	52.085	4.374	0.0	42.693	4.813	0.0	44.281	4.05
78	4763	4764	NS	1	0.0	49.148	2.394	0.0	45.621	1.792	0.0	43.059	1.84	0.0	44.383	1.612	0.0	46.286	1.976	0.0	43.265	1.521	0.0	42.934	1.63	0.0	43.314	1.38
79	4763	4764	SN	1	0.0	50.803	6.18	0.0	54.724	5.602	0.0	42.085	4.517	0.0	45.406	4.509	0.0	49.677	5.584	0.0	54.319	4.881	0.0	44.919	4.056	0.0	45.136	3.975
80	4763	4764	NS	1	0.0	47.423	6.622	0.0	49.948	4.959	0.0	42.804	5.369	0.0	43.666	4.579	0.0	49.089	5.979	0.0	52.085	4.397	0.0	42.693	4.84	0.0	44.281	4.071
81	4763	4764	NS	1	0.0	49.148	2.408	0.0	45.621	1.801	0.0	43.059	1.849	0.0	44.383	1.621	0.0	46.286	1.987	0.0	43.265	1.528	0.0	42.934	1.64	0.0	43.314	1.387
82	4763	4764	SN	1	0.0	50.324	1.946	0.0	50.021	1.826	0.0	42.731	1.352	0.0	45.913	1.335	0.0	49.753	1.694	0.0	49.585	1.598	0.0	40.68	1.24	0.0	42.976	1.106
83	4764	4765	SN	1	0.0	51.398	7.811	0.0	45.963	8.405	0.0	42.357	5.525	0.0	48.005	5.941	0.0	51.619	7.548	0.0	45.859	7.929	0.0	41.02	5.043	0.0	45.611	5.529
84	4764	4765	NS	1	0.0	47.64	6.149	0.0	45.007	5.374	0.0	44.289	4.808	0.0	41.282	4.54	0.0	48.671	5.153	0.0	44.443	4.534	0.0	42.557	4.499	0.0	39.19	3.966
85	4764	4765	NS	1	0.0	45.417	2.252	0.0	41.735	1.912	0.0	39.464	1.585	0.0	43.542	1.6	0.0	47.068	1.991	0.0	41.447	1.59	0.0	36.759	1.4	0.0	43.658	1.352
86	4764	4765	SN	1	0.0	56.161	2.178	0.0	46.395	2.168	0.0	38.802	1.716	0.0	45.491	1.845	0.0	52.145	1.931	0.0	47.013	1.967	0.0	41.518	1.573	0.0	43.995	1.644
87	4764	4765	NS	1	0.0	47.64	5.956	0.0	45.007	5.22	0.0	44.289	4.658	0.0	41.282	4.393	0.0	48.671	4.992	0.0	44.443	4.396	0.0	42.557	4.359	0.0	39.19	3.844
88	4764	4765	NS	1	0.0	45.417	2.182	0.0	41.735	1.854	0.0	39.464	1.531	0.0	43.542	1.552	0.0	47.068	1.929	0.0	41.447	1.542	0.0	36.759	1.357	0.0	43.658	1.312
89	4765	4766	NS	1	0.0	43.344	3.519	0.0	47.279	3.25	0.0	39.701	2.481	0.0	41.249	2.373	0.0	44.217	3.517	0.0	49.681	3.179	0.0	41.377	2.582	0.0	38.916	2.443
90	4765	4766	SN	1	0.0	47.182	7.473	0.0	49.499	6.664	0.0	41.964	5.275	0.0	47.446	6.25	0.0	47.155	6.967	0.0	53.394	6.492	0.0	43.044	4.999	0.0	45.841	5.894
91	4765	4766	NS	1	0.0	49.444	10.188	0.0	52.33	9.177	0.0	44.356	7.249	0.0	41.306	7.386	0.0	49.325	10.238	0.0	55.007	8.963	0.0	42.809	7.775	0.0	39.436	7.572
92	4765	4766	SN	1	0.0	53.815	2.522	0.0	43.509	2.27	0.0	41.124	1.741	0.0	45.425	1.764	0.0	51.386	2.272	0.0	42.99	2.137	0.0	40.46	1.658	0.0	44.955	1.638
93	4765	4766	NS	1	0.0	49.444	10.583	0.0	52.33	9.516	0.0	44.356	7.523	0.0	41.306	7.662	0.0	49.325	10.636	0.0	55.007	9.294	0.0	42.809	8.076	0.0	39.436	7.854
94	4765	4766	NS	1	0.0	43.344	3.655	0.0	47.279	3.369	0.0	39.701	2.578	0.0	41.249	2.462	0.0	44.217	3.653	0.0	49.681	3.296	0.0	41.377	2.683	0.0	38.916	2.533
95	4766	4767	NS	1	0.0	53.675	13.363	0.0	51.356	10.665	0.0	44.11	9.26	0.0	45.406	8.76	0.0	49.982	13.039	0.0	53.462	9.97	0.0	44.002	9.114	0.0	44.768	8.686
96	4766	4767	NS	1	0.0	44.948	4.299	0.0	52.094	3.539	0.0	41.512	3.042	0.0	44.24	2.693	0.0	45.705	4.116	0.0	52.842	3.382	0.0	39.143	2.981	0.0	41.791	2.66
97	4767	4768	SN	1	0.0	52.524	2.3	0.0	45.729	2.222	0.0	43.294	1.461	0.0	52.53	1.48	0.0	49.216	1.982	0.0	46.862	1.926	0.0	38.707	1.261	0.0	48.754	1.271
98	4767	4768	SN	1	0.0	50.674	7.107	0.0	49.946	7.15	0.0	49.711	4.767	0.0	46.342	5.067	0.0	49.883	6.46	0.0	47.529	6.534	0.0	48.721	4.462	0.0	43.55	4.762
99	4767	4768	SN	1	0.0	52.524	2.305	0.0	45.729	2.222	0.0	40.346	1.46	0.0	52.53	1.48	0.0	49.216	1.985	0.0	46.862	1.926	0.0	38.405	1.26	0.0	48.754	1.271
100	4767	4768	SN	1	0.0	50.674	7.305	0.0	49.946	7.077	0.0	49.711	5.042	0.0	46.342	5.075	0.0	49.883	6.718	0.0	47.529	6.489	0.0	48.721	4.687	0.0	43.55	4.763
101	4767	4768	SN	1	0.0	52.524	2.314	0.0	45.729	2.271	0.0	40.346	1.433	0.0	52.53	1.48	0.0	49.216	1.989	0.0	46.862	1.959	0.0	38.405	1.232	0.0	48.754	1.254
102	4767	4768	SN	1	0.0	50.674	7.312	0.0	49.946	7.077	0.0	49.711	5.024	0.0	46.342	5.075	0.0	49.883	6.725	0.0	47.529	6.489	0.0	48.721	4.676	0.0	43.55	4.763
103	4768	4769	SN	1	0.0	46.712	5.66	0.0	53.452	5.62	0.0	48.447	4.47	0.0	47.145	4.842	0.0	50.355	5.295	0.0	54.488	5.174	0.0	47.244	4.222	0.0	44.942	4.465

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		



104	4768	4769	SN	1	0.0	50.428	1.987	0.0	44.487	1.997	0.0	40.85	1.458	0.0	41.913	1.465	0.0	51.949	1.747	0.0	45.641	1.76	0.0	42.469	1.304	0.0	42.958	1.377
105	4768	4769	NS	1	0.0	48.259	2.145	0.0	45.326	1.613	0.0	44.759	1.28	0.0	40.974	1.191	0.0	44.673	1.854	0.0	46.797	1.462	0.0	42.498	1.116	0.0	41.827	0.995
106	4768	4769	SN	1	0.0	46.712	5.553	0.0	53.452	5.631	0.0	48.447	4.399	0.0	47.145	4.833	0.0	50.355	5.184	0.0	54.488	5.189	0.0	47.244	4.111	0.0	44.942	4.473
107	4768	4769	SN	1	0.0	50.428	1.997	0.0	44.487	1.988	0.0	40.85	1.491	0.0	41.913	1.454	0.0	51.949	1.781	0.0	45.641	1.756	0.0	42.469	1.333	0.0	42.958	1.367
108	4768	4769	SN	1	0.0	46.712	5.673	0.0	53.452	5.62	0.0	48.447	4.481	0.0	47.145	4.849	0.0	50.355	5.299	0.0	54.488	5.174	0.0	47.244	4.233	0.0	44.942	4.465
109	4768	4769	NS	1	0.0	51.589	6.845	0.0	55.85	5.441	0.0	50.704	4.592	0.0	42.6	4.142	0.0	51.491	6.054	0.0	53.642	5.207	0.0	46.822	4.3	0.0	43.649	3.686
110	4768	4769	SN	1	0.0	50.428	1.997	0.0	44.487	1.988	0.0	40.85	1.498	0.0	41.913	1.454	0.0	51.949	1.779	0.0	45.641	1.756	0.0	42.469	1.339	0.0	42.958	1.367
111	4769	4770	NS	1	0.0	43.072	1.532	0.0	47.208	1.335	0.0	39.707	1.07	0.0	39.001	1.024	0.0	42.055	1.349	0.0	44.861	1.138	0.0	38.701	0.958	0.0	38.761	0.93
112	4769	4770	SN	1	0.0	48.153	2.305	0.0	43.84	2.169	0.0	38.107	1.668	0.0	41.26	1.879	0.0	45.647	2.114	0.0	42.163	1.97	0.0	38.251	1.569	0.0	38.256	1.647
113	4769	4770	SN	1	0.0	43.611	6.551	0.0	49.43	6.333	0.0	42.443	4.947	0.0	41.947	5.227	0.0	41.696	6.622	0.0	48.051	6.018	0.0	44.759	4.848	0.0	41.961	4.594
114	4769	4770	NS	1	0.0	43.37	1.536	0.0	48.933	1.313	0.0	38.081	1.081	0.0	38.393	1.017	0.0	41.953	1.322	0.0	46.943	1.118	0.0	36.67	0.962	0.0	37.044	0.907
115	4769	4770	NS	1	0.0	45.952	5.319	0.0	49.493	4.345	0.0	41.651	3.541	0.0	41.617	3.301	0.0	50.294	4.832	0.0	48.289	3.877	0.0	40.337	3.243	0.0	40.322	2.931
116	4769	4770	NS	1	0.0	45.935	5.309	0.0	44.674	4.426	0.0	45.579	3.463	0.0	45.517	3.301	0.0	46.092	4.781	0.0	45.097	3.897	0.0	44.264	3.186	0.0	44.16	2.909
117	4769	4770	SN	1	0.0	43.611	6.563	0.0	49.43	6.271	0.0	42.443	4.966	0.0	41.947	5.237	0.0	41.05	6.594	0.0	48.051	5.962	0.0	44.759	4.829	0.0	41.961	4.567
118	4769	4770	SN	1	0.0	43.611	6.551	0.0	49.43	6.333	0.0	42.443	4.947	0.0	41.947	5.227	0.0	41.696	6.622	0.0	48.051	6.018	0.0	44.759	4.848	0.0	41.961	4.594
119	4769	4770	SN	1	0.0	48.153	2.34	0.0	43.84	2.165	0.0	38.107	1.659	0.0	41.26	1.888	0.0	45.44	2.137	0.0	42.163	1.966	0.0	37.638	1.575	0.0	38.256	1.656
120	4769	4770	SN	1	0.0	48.153	2.305	0.0	43.84	2.169	0.0	38.107	1.671	0.0	41.26	1.879	0.0	45.647	2.114	0.0	42.163	1.97	0.0	38.251	1.57	0.0	38.256	1.647
121	4770	4771	SN	1	0.0	42.686	2.161	0.0	43.031	1.866	0.0	40.692	1.737	0.0	38.598	1.677	0.0	46.378	1.677	0.0	41.916	1.559	0.0	37.547	1.416	0.0	36.271	1.313
122	4770	4771	NS	1	0.0	42.085	2.678	0.0	43.99	1.404	0.0	33.748	1.784	0.0	43.059	1.195	0.0	38.033	2.523	0.0	41.207	1.338	0.0	31.685	1.696	0.0	42.531	1.131
123	4770	4771	SN	1	0.0	31.758	7.576	0.93	0.93	0.0	0.0	32.315	3.828	100000.0	-100000.0	0.0	0.0	32.821	5.303	0.822	0.822	0.0	0.0	32.439	2.871	100000.0	-100000.0	0.0
124	4770	4771	SN	1	0.0	24.323	0.982	0.0	0.0	0.0	0.0	27.688	2.03	100000.0	-100000.0	0.0	0.0	26.401	0.786	0.0	0.0	0.0	0.0	27.008	1.894	100000.0	-100000.0	0.0
125	4770	4771	NS	1	0.0	52.9	1.746	0.0	41.871	1.352	0.0	40.47	1.119	0.0	38.376	1.112	0.0	48.865	1.486	0.0	42.45	1.239	0.0	41.764	1.056	0.0	36.737	0.991
126	4770	4771	NS	1	0.0	48.268	5.397	0.0	47.518	4.244	0.0	48.005	3.732	0.0	44.49	3.694	0.0	47.645	4.646	0.0	46.699	3.735	0.0	44.972	3.455	0.0	45.343	3.338
127	4770	4771	NS	1	0.0	43.022	9.115	0.0	45.783	5.128	0.0	38.084	6.344	0.0	46.3	4.453	0.0	42.832	8.373	0.0	47.488	4.736	0.0	39.492	5.755	0.0	46.014	4.169
128	4770	4771	SN	1	0.0	44.179	6.438	0.0	45.237	6.024	0.0	38.352	4.646	0.0	39.071	4.934	0.0	46.529	5.476	0.0	44.595	5.061	0.0	38.219	4.086	0.0	38.913	4.372
129	4771	4772	NS	1	0.0	67.014	5.82	0.0	52.479	4.587	0.0	43.984	3.973	0.0	47.058	3.7	0.0	65.946	5.273	0.0	52.441	4.17	0.0	44.789	3.575	0.0	44.812	3.286
130	4771	4772	SN	1	0.0	41.347	3.227	0.0	41.853	2.795	0.0	39.094	2.305	0.0	38.383	2.295	0.0	40.275	2.794	0.0	42.51	2.5	0.0	36.123	2.157	0.0	36.292	2.102
131	4771	4772	SN	1	0.0	45.652	8.687	0.0	46.591	7.687	0.0	42.182	7.157	0.0	41.576	6.814	0.0	44.349	8.071	0.0	47.014	7.248	0.0	41.333	6.879	0.0	42.93	6.579
132	4771	4772	SN	1	0.0	41.347	3.182	0.0	42.235	2.761	0.0	39.094	2.306	0.0	38.91	2.261	0.0	40.275	2.752	0.0	42.51	2.477	0.0	36.123	2.16	0.0	39.835	2.061
133	4771	4772	SN	1	0.0	45.067	3.172	0.0	46.353	2.764	0.0	38.301	2.302	0.0	39.645	2.299	0.0	40.838	2.748	0.0	43.657	2.459	0.0	38.173	2.173	0.0	39.848	2.095
134	4771	4772	NS	1	0.0	65.905	5.752	0.0	54.182	4.608	0.0	46.903	4.095	0.0	44.26	3.494	0.0	65.946	5.204	0.0	54.845	4.161	0.0	45.45	3.675	0.0	41.581	3.137
135	4771	4772	NS	1	0.0	52.765	1.693	0.0	45.193	1.33	0.0	42.645	1.078	0.0	44.0	1.013	0.0	50.145	1.465	0.0	46.598	1.188	0.0	40.654	0.954	0.0	40.29	0.914
136	4771	4772	SN	1	0.0	45.652	8.689	0.0	46.591	7.738	0.0	42.182	7.296	0.0	45.143	6.718	0.0	44.349	8.021	0.0	47.014	7.22	0.0	41.333	6.991	0.0	45.325	6.491
137	4771	4772	NS	1	0.0	48.969	1.66	0.0	50.958	1.356	0.0	37.807	1.155	0.0	46.489	0.948	0.0	50.009	1.482	0.0	50.729	1.233	0.0	39.448	0.99	0.0	42.998	0.843
138	4771	4772	SN	1	0.0	43.209	8.689	0.0	46.593	7.667	0.0	39.634	7.224	0.0	41.195	6.661	0.0	44.521	8.132	0.0	47.459	7.109	0.0	41.168	6.876	0.0	40.931	6.32
139	4772	4773	SN	1	0.0	44.82	3.33	0.0	45.505	3.431	0.0	39.162	2.436	0.0	41.203	2.661	0.0	44.146	2.936	0.0	44.581	3.16	0.0	38.56	2.322	0.0	40.175	2.511

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

140	4772	4773	SN	1	0.0	47.505	10.064	0.0	47.241	10.543	0.0	42.332	7.02	0.0	44.198	8.079	0.0	47.509	9.416	0.0	47.082	9.609	0.0	41.596	6.701	0.0	42.186	7.609
141	4772	4773	SN	1	0.0	47.505	9.953	0.0	47.241	10.414	0.0	42.332	7.017	0.0	41.455	8.119	0.0	47.509	9.307	0.0	47.082	9.491	0.0	41.596	6.697	0.0	41.02	7.636
142	4772	4773	SN	1	0.0	44.82	3.299	0.0	45.505	3.372	0.0	39.162	2.385	0.0	41.203	2.613	0.0	44.146	2.894	0.0	44.581	3.099	0.0	38.56	2.273	0.0	40.175	2.469
143	4772	4773	NS	1	0.0	44.979	2.172	0.0	46.798	1.695	0.0	38.307	1.311	0.0	41.661	1.234	0.0	44.88	1.797	0.0	44.302	1.444	0.0	37.879	1.102	0.0	41.672	1.045
144	4772	4773	SN	1	0.0	44.82	3.299	0.0	45.505	3.37	0.0	39.162	2.385	0.0	41.203	2.609	0.0	44.146	2.894	0.0	44.581	3.097	0.0	38.56	2.275	0.0	40.175	2.466
145	4772	4773	NS	1	0.0	50.892	7.099	0.0	47.227	5.361	0.0	43.118	4.222	0.0	50.674	3.95	0.0	49.98	6.145	0.0	48.742	4.883	0.0	42.374	3.824	0.0	49.556	3.365
146	4772	4773	SN	1	0.0	47.505	10.072	0.0	47.241	10.553	0.0	42.332	7.017	0.0	44.198	8.079	0.0	47.509	9.424	0.0	47.082	9.609	0.0	41.596	6.698	0.0	42.186	7.616
147	4773	4774	SN	1	0.0	49.159	12.405	0.0	53.647	12.32	0.0	45.669	9.157	0.0	45.471	9.126	0.0	48.81	12.152	0.0	51.944	11.843	0.0	45.254	9.214	0.0	45.053	8.778
148	4773	4774	NS	1	0.0	47.532	8.291	0.0	48.147	7.154	0.0	41.286	6.52	0.0	48.791	5.441	0.0	46.904	7.723	0.0	48.53	6.533	0.0	43.536	6.385	0.0	46.267	4.956
149	4773	4774	NS	1	0.0	48.164	8.24	0.0	48.132	7.144	0.0	46.852	6.393	0.0	46.309	5.427	0.0	49.169	7.713	0.0	48.886	6.584	0.0	49.101	6.293	0.0	45.673	4.985
150	4773	4774	SN	1	0.0	49.159	12.403	0.0	53.647	12.33	0.0	45.669	9.167	0.0	45.471	9.134	0.0	48.81	12.139	0.0	51.944	11.843	0.0	45.254	9.202	0.0	45.053	8.778
151	4773	4774	SN	1	0.0	49.535	4.34	0.0	51.217	4.388	0.0	46.738	2.745	0.0	40.166	2.784	0.0	47.142	4.188	0.0	48.333	4.058	0.0	47.448	2.732	0.0	42.917	2.606
152	4773	4774	NS	1	0.0	45.861	2.903	0.0	45.79	2.341	0.0	39.43	1.922	0.0	39.029	1.604	0.0	45.56	2.607	0.0	46.705	2.18	0.0	37.534	1.799	0.0	39.322	1.536
153	4773	4774	SN	1	0.0	49.535	4.319	0.0	51.217	4.345	0.0	46.738	2.698	0.0	40.166	2.754	0.0	47.142	4.165	0.0	48.333	4.027	0.0	47.448	2.674	0.0	42.917	2.56
154	4773	4774	SN	1	0.0	49.535	4.323	0.0	51.217	4.345	0.0	46.738	2.704	0.0	40.166	2.754	0.0	47.142	4.163	0.0	48.333	4.027	0.0	47.448	2.68	0.0	42.917	2.559
155	4773	4774	SN	1	0.0	49.159	12.109	0.0	53.109	11.854	0.0	45.669	9.201	0.0	45.471	9.097	0.0	48.81	11.795	0.0	51.944	11.411	0.0	45.254	9.247	0.0	45.053	8.793
156	4773	4774	NS	1	0.0	45.903	2.918	0.0	45.898	2.313	0.0	47.383	1.957	0.0	39.63	1.647	0.0	45.817	2.631	0.0	46.849	2.171	0.0	47.458	1.812	0.0	37.962	1.504
157	4774	4775	NS	1	0.0	47.655	7.231	0.0	47.598	6.143	0.0	41.361	4.997	0.0	47.903	4.997	0.0	48.972	6.531	0.0	47.75	5.522	0.0	39.465	4.968	0.0	45.264	4.634
158	4774	4775	SN	1	0.0	49.985	2.59	0.0	47.245	2.5	0.0	41.15	1.469	0.0	47.694	1.498	0.0	48.195	2.169	0.0	44.853	2.109	0.0	41.72	1.297	0.0	45.988	1.281
159	4774	4775	SN	1	0.0	55.466	7.803	0.0	53.175	7.513	0.0	47.214	4.891	0.0	52.473	5.185	0.0	55.457	7.203	0.0	53.093	6.711	0.0	48.39	4.275	0.0	50.582	4.584
160	4774	4775	SN	1	0.0	55.466	8.335	0.0	53.175	8.083	0.0	47.214	5.19	0.0	52.473	5.51	0.0	55.457	7.718	0.0	53.093	7.231	0.0	48.39	4.58	0.0	50.582	4.877
161	4774	4775	NS	1	0.0	39.797	2.522	0.0	43.109	2.045	0.0	38.554	1.66	0.0	40.581	1.65	0.0	41.319	2.332	0.0	40.269	1.975	0.0	37.882	1.648	0.0	42.993	1.568
162	4774	4775	NS	1	0.0	45.225	2.468	0.0	44.439	2.032	0.0	43.016	1.692	0.0	38.457	1.625	0.0	43.974	2.368	0.0	42.503	1.987	0.0	39.657	1.625	0.0	38.563	1.536
163	4774	4775	SN	1	0.0	49.985	2.436	0.0	47.245	2.367	0.0	41.15	1.343	0.0	47.694	1.434	0.0	48.195	2.027	0.0	44.853	2.012	0.0	41.72	1.178	0.0	45.988	1.206
164	4774	4775	SN	1	0.0	49.985	2.59	0.0	47.245	2.5	0.0	41.15	1.469	0.0	47.694	1.498	0.0	48.195	2.169	0.0	44.853	2.109	0.0	41.72	1.297	0.0	45.988	1.281
165	4774	4775	SN	1	0.0	55.466	8.335	0.0	53.175	8.083	0.0	47.214	5.19	0.0	52.473	5.51	0.0	55.457	7.718	0.0	53.093	7.231	0.0	48.39	4.58	0.0	50.582	4.877
166	4774	4775	NS	1	0.0	44.962	7.231	0.0	45.316	6.265	0.0	40.237	5.146	0.0	42.445	5.047	0.0	43.972	6.481	0.0	45.469	5.766	0.0	41.354	5.118	0.0	42.417	4.705
167	4775	4776	NS	1	0.0	48.748	8.217	0.0	50.293	7.794	0.0	46.905	5.822	0.0	53.398	5.918	0.0	48.347	7.162	0.0	48.273	6.705	0.0	48.713	5.424	0.0	53.841	5.54
168	4775	4776	NS	1	0.0	46.608	2.656	0.0	45.825	2.322	0.0	44.365	1.838	0.0	43.963	1.874	0.0	48.37	2.335	0.0	49.307	2.034	0.0	40.529	1.623	0.0	42.953	1.641
169	4775	4776	SN	1	0.0	42.235	1.597	0.0	50.127	1.562	0.0	40.205	1.046	0.0	39.422	1.149	0.0	41.583	1.212	0.0	47.475	1.183	0.0	41.35	0.848	0.0	37.806	0.805
170	4775	4776	NS	1	0.0	48.748	8.217	0.0	50.293	7.794	0.0	46.905	5.822	0.0	53.398	5.918	0.0	48.347	7.162	0.0	48.273	6.705	0.0	48.713	5.424	0.0	53.841	5.54
171	4775	4776	NS	1	0.0	46.608	2.656	0.0	45.825	2.322	0.0	44.365	1.838	0.0	43.963	1.874	0.0	48.37	2.335	0.0	49.307	2.034	0.0	40.529	1.623	0.0	42.953	1.641
172	4775	4776	SN	1	0.0	44.529	5.403	0.0	53.749	4.831	0.0	52.791	4.035	0.0	47.892	3.933	0.0	45.217	4.523	0.0	51.312	4.08	0.0	48.695	3.354	0.0	45.071	3.172
173	4776	4777	NS	1	0.0	53.231	10.184	0.0	55.497	9.699	0.0	46.161	6.438	0.0	44.32	6.468	0.0	54.336	9.514	0.0	54.656	8.732	0.0	43.05	6.019	0.0	43.042	5.998
174	4776	4777	SN	1	0.0	46.755	1.654	0.0	44.568	1.509	0.0	41.436	1.09	0.0	40.432	1.263	0.0	45.302	1.354	0.0	48.393	1.254	0.0	40.821	0.872	0.0	36.119	0.96
175	4776	4777	SN	1	0.0	41.71	4.826	0.0	46.623	4.552	0.0	42.009	3.433	0.0	42.238	4.001	0.0	42.063	4.27	0.0	43.345	4.035	0.0	39.806	3.114	0.0	42.579	3.454

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

176	4776	4777	NS	1	0.0	53.231	10.184	0.0	55.497	9.699	0.0	46.161	6.438	0.0	44.32	6.468	0.0	54.336	9.514	0.0	54.656	8.732	0.0	43.05	6.019	0.0	43.042	5.998
177	4776	4777	NS	1	0.0	48.571	3.368	0.0	45.674	2.755	0.0	42.877	1.954	0.0	40.2	1.967	0.0	47.029	3.059	0.0	44.713	2.52	0.0	41.34	1.747	0.0	42.338	1.691
178	4776	4777	NS	1	0.0	48.571	3.368	0.0	45.674	2.755	0.0	42.877	1.954	0.0	40.2	1.967	0.0	47.029	3.059	0.0	44.713	2.52	0.0	41.34	1.747	0.0	42.338	1.691
179	4777	4778	NS	1	0.0	49.829	6.652	0.0	48.713	6.326	0.0	44.679	5.38	0.0	47.425	5.133	0.0	51.341	6.166	0.0	49.432	5.776	0.0	46.098	5.267	0.0	45.961	5.04
180	4777	4778	NS	1	0.0	45.765	2.325	0.0	44.414	2.095	0.0	42.703	1.72	0.0	38.509	1.621	0.0	48.047	2.079	0.0	45.993	1.975	0.0	40.207	1.63	0.0	39.817	1.559

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	4753	4754	SN	1	0.0	36.36	16.058	0.0	28.077	14.037	0.0	157.161	15.266	0.0	52.227	15.038	0.0	1.913	0.0	1.948	0.0	0.0	2.087	0.0	0.0	2.125	0.0	
2	4753	4754	NS	1	0.0	25.992	9.029	0.0	28.43	9.443	0.0	266.65	2.938	0.0	43.949	3.358	0.0	1.893	0.0	1.898	0.0	0.0	2.025	0.0	0.0	2.032	0.0	
3	4753	4754	SN	1	0.0	27.597	10.682	0.0	28.32	10.634	0.0	162.273	5.464	0.0	55.15	5.576	0.0	1.931	0.0	1.963	0.0	0.0	2.084	0.0	0.0	2.121	0.0	
4	4753	4754	SN	1	0.0	27.597	10.761	0.0	28.32	10.653	0.0	162.273	5.578	0.0	14.322	5.515	0.0	1.931	0.0	1.963	0.0	0.0	2.084	0.0	0.0	2.121	0.0	
5	4753	4754	SN	1	0.0	36.36	16.148	0.0	28.077	13.778	0.0	157.161	15.512	0.0	17.267	14.707	0.0	1.913	0.0	1.948	0.0	0.0	2.087	0.0	0.0	2.125	0.0	
6	4753	4754	SN	1	0.0	36.36	16.058	0.0	28.077	14.037	0.0	157.161	15.264	0.0	52.227	15.038	0.0	1.913	0.0	1.948	0.0	0.0	2.087	0.0	0.0	2.125	0.0	
7	4753	4754	SN	1	0.0	27.597	10.676	0.0	28.32	10.634	0.0	162.273	5.459	0.0	55.15	5.576	0.0	1.931	0.0	1.963	0.0	0.0	2.084	0.0	0.0	2.121	0.0	
8	4753	4754	NS	1	0.0	25.816	15.471	0.0	34.265	15.497	0.0	352.064	12.433	0.0	48.896	12.994	0.0	1.903	0.0	1.92	0.0	0.0	2.028	0.0	0.0	2.035	0.0	
9	4754	4755	SN	1	0.0	38.699	16.097	0.0	28.082	13.851	0.0	158.347	15.512	0.0	22.066	14.923	0.0	1.927	0.0	1.936	0.0	0.0	2.085	0.0	0.0	2.119	0.0	
10	4754	4755	NS	1	0.0	25.799	15.324	0.0	38.721	15.495	0.0	355.814	12.394	0.0	34.678	13.026	0.0	1.903	0.0	1.919	0.0	0.0	2.032	0.0	0.0	2.036	0.0	
11	4754	4755	SN	1	0.0	38.699	16.097	0.0	28.082	13.851	0.0	158.347	15.512	0.0	22.066	14.923	0.0	1.927	0.0	1.936	0.0	0.0	2.085	0.0	0.0	2.119	0.0	
12	4754	4755	SN	1	0.0	27.603	10.755	0.0	28.32	10.663	0.0	152.038	5.538	0.0	14.328	5.532	0.0	1.931	0.0	1.961	0.0	0.0	2.091	0.0	0.0	2.105	0.0	
13	4754	4755	SN	1	0.0	27.603	10.7	0.0	28.32	10.645	0.0	152.038	5.47	0.0	61.487	5.575	0.0	1.931	0.0	1.961	0.0	0.0	2.091	0.0	0.0	2.105	0.0	
14	4754	4755	NS	1	0.0	25.987	9.014	0.0	28.413	9.452	0.0	354.59	2.911	0.0	40.348	3.424	0.0	1.894	0.0	1.902	0.0	0.0	2.025	0.0	0.0	2.031	0.0	
15	4754	4755	NS	1	0.0	25.987	9.018	0.0	27.862	9.455	0.0	354.595	2.918	0.0	40.342	3.424	0.0	1.894	0.0	1.902	0.0	0.0	2.025	0.0	0.0	2.031	0.0	
16	4754	4755	NS	1	0.0	25.799	15.314	0.0	38.721	15.485	0.0	355.809	12.387	0.0	34.684	13.019	0.0	1.903	0.0	1.919	0.0	0.0	2.032	0.0	0.0	2.036	0.0	
17	4754	4755	SN	1	0.0	38.699	16.045	0.0	28.082	14.004	0.0	158.347	15.36	0.0	62.165	15.055	0.0	1.927	0.0	1.936	0.0	0.0	2.085	0.0	0.0	2.119	0.0	
18	4754	4755	SN	1	0.0	27.603	10.755	0.0	28.32	10.663	0.0	152.038	5.538	0.0	14.328	5.532	0.0	1.931	0.0	1.961	0.0	0.0	2.091	0.0	0.0	2.105	0.0	
19	4755	4756	SN	1	0.0	38.583	15.981	0.0	28.066	13.951	0.0	160.448	15.298	0.0	279.255	14.991	0.0	1.922	0.0	1.94	0.0	0.0	2.086	0.0	0.0	2.104	0.0	
20	4755	4756	NS	1	0.0	25.97	9.024	0.0	28.336	9.438	0.0	137.751	2.937	0.0	49.966	3.422	0.0	1.894	0.0	1.9	0.0	0.0	2.024	0.0	0.0	2.031	0.0	
21	4755	4756	NS	1	0.0	25.97	9.024	0.0	28.336	9.438	0.0	137.751	2.937	0.0	49.966	3.422	0.0	1.894	0.0	1.9	0.0	0.0	2.024	0.0	0.0	2.031	0.0	
22	4755	4756	NS	1	0.0	25.799	15.283	0.0	38.131	15.54	0.0	355.991	12.437	0.0	36.868	13.043	0.0	1.906	0.0	1.917	0.0	0.0	2.031	0.0	0.0	2.034	0.0	
23	4755	4756	NS	1	0.0	25.799	15.283	0.0	38.131	15.54	0.0	355.991	12.437	0.0	36.868	13.043	0.0	1.906	0.0	1.917	0.0	0.0	2.031	0.0	0.0	2.034	0.0	
24	4755	4756	SN	1	0.0	27.531	10.735	0.0	28.331	10.645	0.0	161.33	5.484	0.0	118.134	5.579	0.0	1.937	0.0	1.963	0.0	0.0	2.092	0.0	0.0	2.121	0.0	
25	4755	4756	SN	1	0.0	27.531	10.735	0.0	28.331	10.645	0.0	161.33	5.484	0.0	118.145	5.581	0.0	1.937	0.0	1.963	0.0	0.0	2.092	0.0	0.0	2.121	0.0	
26	4755	4756	SN	1	0.0	38.583	16.05	0.0	28.071	13.806	0.0	160.448	15.499	0.0	279.255	14.77	0.0	1.922	0.0	1.94	0.0	0.0	2.086	0.0	0.0	2.104	0.0	
27	4755	4756	SN	1	0.0	27.531	10.807	0.0	28.331	10.667	0.0	161.33	5.575	0.0	14.328	5.523	0.0	1.937	0.0	1.963	0.0	0.0	2.092	0.0	0.0	2.121	0.0	
28	4755	4756	SN	1	0.0	38.583	15.981	0.0	28.066	13.951	0.0	160.448	15.298	0.0	279.255	14.991	0.0	1.922	0.0	1.94	0.0	0.0	2.086	0.0	0.0	2.104	0.0	
29	4756	4757	NS	1	0.0	25.987	9.036	0.0	28.457	9.433	0.0	164.217	2.943	0.0	43.624	3.425	0.0	1.893	0.0	1.901	0.0	0.0	2.024	0.0	0.0	2.031	0.0	
30	4756	4757	NS	1	0.0	25.81	15.303	0.0	38.109	15.51	0.0	354.491	12.408	0.0	53.109	13.03	0.0	1.902	0.0	1.918	0.0	0.0	2.028	0.0	0.0	2.035	0.0	
31	4756	4757	NS	1	0.0	25.816	15.357	0.0	37.645	15.562	0.0	354.463	12.411	0.0	33.515	13.051	0.0	1.902	0.0	1.919	0.0	0.0	2.028	0.0	0.0	2.035	0.0	

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



32	4756	4757	SN	1	0.64	37.485	16.089	0.0	28.049	13.697	0.0	160.525	15.635	0.0	17.074	14.712	0.001	1.922	0.0	0.0	1.935	0.0	0.0	2.086	0.0	0.0	2.1	0.0
33	4756	4757	SN	1	0.0	27.63	10.757	0.0	28.325	10.638	0.0	155.258	5.579	0.0	55.227	5.584	0.0	1.932	0.0	0.0	1.962	0.0	0.0	2.086	0.0	0.0	2.096	0.0
34	4756	4757	SN	1	0.0	27.625	10.864	0.0	28.325	10.664	0.0	155.247	5.72	0.0	14.345	5.521	0.0	1.932	0.0	0.0	1.963	0.0	0.0	2.084	0.0	0.0	2.1	0.0
35	4756	4757	SN	1	0.0	37.485	15.992	0.0	28.066	13.931	0.0	160.503	15.315	0.0	52.415	15.041	0.0	1.91	0.0	0.0	1.935	0.0	0.0	2.086	0.0	0.0	2.1	0.0
36	4756	4757	NS	1	0.0	25.97	9.021	0.0	28.331	9.436	0.0	162.177	2.926	0.0	49.078	3.416	0.0	1.893	0.0	0.0	1.901	0.0	0.0	2.024	0.0	0.0	2.031	0.0
37	4757	4758	SN	1	0.0	27.636	10.776	0.0	28.331	10.612	0.0	179.789	5.563	0.0	23.317	5.531	0.0	1.932	0.0	0.0	1.96	0.0	0.0	2.083	0.0	0.0	2.122	0.0
38	4757	4758	NS	1	0.0	25.976	9.023	0.0	28.364	9.453	0.0	354.584	2.931	0.0	35.726	3.41	0.0	1.893	0.0	0.0	1.902	0.0	0.0	2.025	0.0	0.0	2.029	0.0
39	4757	4758	NS	1	0.0	25.799	15.288	0.0	33.741	15.495	0.0	355.742	12.387	0.0	37.077	13.006	0.0	1.903	0.0	0.0	1.918	0.0	0.0	2.03	0.0	0.0	2.036	0.0
40	4757	4758	SN	1	0.0	35.335	16.078	0.0	27.514	13.996	0.0	189.126	15.313	0.0	40.441	15.098	0.0	1.921	0.0	0.0	1.961	0.0	0.0	2.088	0.0	0.0	2.118	0.0
41	4758	4759	SN	1	0.0	27.487	10.778	0.0	28.331	10.551	0.0	166.321	5.546	0.0	54.968	5.524	0.0	1.931	0.0	0.0	1.96	0.0	0.0	2.087	0.0	0.0	2.122	0.0
42	4758	4759	NS	1	0.0	25.799	15.408	0.0	38.053	15.466	0.0	355.985	12.396	0.0	49.001	13.013	0.0	1.902	0.0	0.0	1.918	0.0	0.0	2.028	0.0	0.0	2.036	0.0
43	4758	4759	SN	1	0.0	27.487	11.026	0.0	28.331	10.618	0.0	166.261	5.868	0.0	14.339	5.509	0.0	1.931	0.0	0.0	1.96	0.0	0.0	2.087	0.0	0.0	2.122	0.0
44	4758	4759	NS	1	0.0	25.965	9.033	0.0	28.386	9.439	0.0	128.806	2.944	0.0	49.773	3.374	0.0	1.894	0.0	0.0	1.898	0.0	0.0	2.025	0.0	0.0	2.031	0.0
45	4758	4759	SN	1	0.0	35.257	16.291	0.0	27.145	13.593	0.0	163.718	15.879	0.0	15.453	14.491	0.0	1.928	0.0	0.0	1.943	0.0	0.0	2.086	0.0	0.0	2.116	0.0
46	4758	4759	SN	1	0.0	35.257	16.127	0.0	28.088	14.057	0.0	163.718	15.313	0.0	56.832	15.042	0.0	1.928	0.0	0.0	1.943	0.0	0.0	2.086	0.0	0.0	2.116	0.0
47	4758	4759	SN	1	0.0	35.45	16.108	0.0	27.525	14.006	0.0	163.746	15.293	0.0	56.76	15.013	0.0	1.928	0.0	0.0	1.943	0.0	0.0	2.086	0.0	0.0	2.116	0.0
48	4758	4759	NS	1	0.0	25.965	9.043	0.0	28.413	9.463	0.0	140.917	2.94	0.0	54.279	3.384	0.0	1.894	0.0	0.0	1.901	0.0	0.0	2.024	0.0	0.0	2.032	0.0
49	4758	4759	SN	1	0.0	27.487	10.798	0.0	28.331	10.56	0.0	166.261	5.558	0.0	55.056	5.506	0.0	1.931	0.0	0.0	1.96	0.0	0.0	2.087	0.0	0.0	2.122	0.0
50	4758	4759	NS	1	0.0	25.816	15.329	0.0	38.28	15.51	0.0	354.871	12.44	0.0	33.801	13.016	0.0	1.902	0.0	0.0	1.918	0.0	0.0	2.029	0.0	0.0	2.035	0.0
51	4759	4760	SN	1	0.0	37.386	16.063	0.0	28.088	13.966	0.0	156.516	15.343	0.0	53.043	15.058	0.0	1.926	0.0	0.0	1.935	0.0	0.0	2.084	0.0	0.0	2.125	0.0
52	4759	4760	SN	1	0.0	37.386	16.31	0.0	26.924	13.491	0.0	156.516	16.118	0.0	15.337	14.423	0.0	1.926	0.0	0.0	1.935	0.0	0.0	2.084	0.0	0.0	2.125	0.0
53	4759	4760	NS	1	0.0	25.777	15.309	0.0	38.368	15.512	0.0	354.54	12.448	0.0	48.962	13.003	0.0	1.902	0.0	0.0	1.92	0.0	0.0	2.03	0.0	0.0	2.037	0.0
54	4759	4760	NS	1	0.0	25.777	15.272	0.0	37.64	15.49	0.0	354.468	12.432	0.0	34.364	13.003	0.0	1.902	0.0	0.0	1.92	0.0	0.0	2.03	0.0	0.0	2.037	0.0
55	4759	4760	SN	1	0.0	37.386	16.03	0.0	28.639	13.976	0.0	156.687	15.342	0.0	52.961	15.043	0.0	1.926	0.0	0.0	1.934	0.0	0.0	2.085	0.0	0.0	2.117	0.0
56	4759	4760	SN	1	0.0	27.553	11.059	0.0	28.325	10.611	0.0	154.348	5.919	0.0	203.346	5.504	0.0	1.931	0.0	0.0	1.961	0.0	0.0	2.084	0.0	0.0	2.122	0.0
57	4759	4760	NS	1	0.0	25.992	9.052	0.0	28.386	9.458	0.0	143.713	2.954	0.0	44.137	3.373	0.0	1.894	0.0	0.0	1.903	0.0	0.0	2.024	0.0	0.0	2.032	0.0
58	4759	4760	NS	1	0.0	25.976	9.046	0.0	28.43	9.467	0.0	143.713	2.956	0.0	43.359	3.376	0.0	1.893	0.0	0.0	1.899	0.0	0.0	2.025	0.0	0.0	2.032	0.0
59	4759	4760	SN	1	0.0	27.553	10.725	0.0	28.314	10.538	0.0	154.392	5.482	0.0	60.941	5.423	0.0	1.931	0.0	0.0	1.956	0.0	0.0	2.084	0.0	0.0	2.121	0.0
60	4759	4760	SN	1	0.0	27.553	10.731	0.0	28.325	10.529	0.0	154.348	5.478	0.0	203.346	5.407	0.0	1.931	0.0	0.0	1.961	0.0	0.0	2.084	0.0	0.0	2.122	0.0
61	4760	4761	SN	1	0.0	27.564	10.686	0.0	28.32	10.47	0.0	149.627	5.439	0.0	138.589	5.29	0.0	1.929	0.0	0.0	1.959	0.0	0.0	2.084	0.0	0.0	2.101	0.0
62	4760	4761	SN	1	0.0	27.564	10.679	0.0	28.32	10.47	0.0	155.501	5.435	0.0	61.007	5.286	0.0	1.93	0.0	0.0	1.959	0.0	0.0	2.083	0.0	0.0	2.099	0.0
63	4760	4761	SN	1	0.0	37.761	15.949	0.0	27.547	14.064	0.0	172.217	15.258	0.0	67.603	15.105	0.0	1.925	0.0	0.0	1.975	0.0	0.0	2.085	0.0	0.0	2.085	0.0
64	4760	4761	SN	1	0.0	37.761	15.939	0.0	27.547	14.064	0.0	165.682	15.265	0.0	67.603	15.09	0.0	1.925	0.0	0.0	1.975	0.0	0.0	2.085	0.0	0.0	2.085	0.0
65	4760	4761	NS	1	0.0	36.584	15.352	0.0	38.07	15.527	0.0	355.798	12.377	0.0	36.774	13.013	0.0	1.903	0.0	0.0	1.919	0.0	0.0	2.031	0.0	0.0	2.037	0.0
66	4760	4761	NS	1	0.0	25.981	9.058	0.0	28.369	9.445	0.0	142.781	2.926	0.0	27.63	3.378	0.0	1.893	0.0	0.0	1.899	0.0	0.0	2.025	0.0	0.0	2.032	0.0
67	4760	4761	NS	1	0.0	38.431	15.235	0.0	38.666	15.541	0.0	355.798	12.418	0.0	36.041	13.052	0.0	1.903	0.0	0.0	1.919	0.0	0.0	2.029	0.0	0.0	2.038	0.0
68	4760	4761	NS	1	0.0	60.16	9.053	0.0	28.43	9.463	0.0	142.781	2.938	0.0	46.122	3.378	0.0	1.894	0.0	0.0	1.899	0.0	0.0	2.024	0.0	0.0	2.032	0.0

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

69	4761	4762	SN	1	0.0	37.48	16.048	0.0	27.239	14.077	0.0	150.973	15.307	0.0	72.478	15.049	0.0	1.917	0.0	0.0	1.945	0.0	0.0	2.084	0.0	0.0	2.111	0.0
70	4761	4762	NS	1	0.0	25.727	15.332	0.0	38.065	15.517	0.0	356.051	12.428	0.0	51.659	12.957	0.0	1.903	0.0	0.0	1.919	0.0	0.0	2.031	0.0	0.0	2.037	0.0
71	4761	4762	SN	1	0.0	27.525	10.681	0.0	28.314	10.465	0.0	154.315	5.448	0.0	62.551	5.281	0.0	1.929	0.0	0.0	1.956	0.0	0.0	2.085	0.0	0.0	2.103	0.0
72	4761	4762	NS	1	0.0	25.976	9.074	0.0	28.32	9.459	0.0	341.073	2.915	0.0	55.895	3.421	0.0	1.894	0.0	0.0	1.903	0.0	0.0	2.025	0.0	0.0	2.032	0.0
73	4762	4763	NS	1	0.0	25.231	15.349	0.0	38.379	15.502	0.0	353.283	12.468	0.0	48.935	12.989	0.0	1.904	0.0	0.0	1.918	0.0	0.0	2.036	0.0	0.0	2.036	0.0
74	4762	4763	SN	1	0.0	35.202	16.093	0.0	27.244	13.996	0.0	152.947	15.35	0.0	52.911	15.143	0.0	1.929	0.0	0.0	1.957	0.0	0.0	2.086	0.0	0.0	2.104	0.0
75	4762	4763	SN	1	0.0	27.47	10.688	0.0	28.314	10.495	0.0	145.381	5.453	0.0	55.955	5.285	0.0	1.93	0.0	0.0	1.958	0.0	0.0	2.086	0.0	0.0	2.103	0.0
76	4762	4763	NS	1	0.0	25.97	9.045	0.0	28.413	9.454	0.0	138.032	2.925	0.0	45.19	3.394	0.0	1.901	0.0	0.0	1.9	0.0	0.0	2.034	0.0	0.0	2.034	0.0
77	4763	4764	NS	1	0.0	25.424	15.245	0.0	37.607	15.544	0.0	355.809	12.427	0.0	34.392	12.933	0.0	1.904	0.0	0.0	1.92	0.0	0.0	2.031	0.0	0.0	2.036	0.0
78	4763	4764	NS	1	0.0	25.981	9.043	0.0	28.353	9.473	0.0	355.809	2.924	0.0	41.44	3.358	0.0	1.893	0.0	0.0	1.902	0.0	0.0	2.025	0.0	0.0	2.034	0.0
79	4763	4764	SN	1	0.0	37.701	16.002	0.0	27.239	14.015	0.0	170.127	15.261	0.0	62.209	15.026	0.0	1.919	0.0	0.0	1.936	0.0	0.0	2.086	0.0	0.0	2.09	0.0
80	4763	4764	NS	1	0.0	25.424	15.264	0.0	37.612	15.491	0.0	355.809	12.453	0.0	25.887	12.828	0.0	1.904	0.0	0.0	1.92	0.0	0.0	2.031	0.0	0.0	2.036	0.0
81	4763	4764	NS	1	0.0	25.981	9.055	0.0	28.149	9.462	0.0	355.809	2.933	0.0	17.174	3.32	0.0	1.893	0.0	0.0	1.902	0.0	0.0	2.025	0.0	0.0	2.034	0.0
82	4763	4764	SN	1	0.0	27.531	10.69	0.0	28.308	10.484	0.0	178.923	5.461	0.0	61.989	5.292	0.0	1.932	0.0	0.0	1.954	0.0	0.0	2.087	0.0	0.0	2.101	0.0
83	4764	4765	SN	1	0.0	37.485	15.955	0.0	27.239	14.053	0.0	177.18	15.291	0.0	72.263	15.088	0.0	1.918	0.0	0.0	1.942	0.0	0.0	2.086	0.0	0.0	2.077	0.0
84	4764	4765	NS	1	0.0	25.783	15.398	0.0	30.294	15.178	0.0	145.819	12.654	0.0	15.751	12.405	0.0	1.903	0.0	0.0	1.919	0.0	0.0	2.031	0.0	0.0	2.038	0.0
85	4764	4765	NS	1	0.0	25.981	9.147	0.0	25.352	9.472	0.0	280.099	2.974	0.0	12.1	3.203	0.0	1.894	0.0	0.0	1.903	0.0	0.0	2.026	0.0	0.0	2.033	0.0
86	4764	4765	SN	1	0.0	27.387	10.68	0.0	28.32	10.439	0.0	167.005	5.457	0.0	61.481	5.284	0.0	1.931	0.0	0.0	1.952	0.0	0.0	2.086	0.0	0.0	2.107	0.0
87	4764	4765	NS	1	0.0	25.783	15.332	0.0	38.02	15.539	0.0	145.819	12.437	0.0	47.302	12.922	0.0	1.903	0.0	0.0	1.919	0.0	0.0	2.031	0.0	0.0	2.038	0.0
88	4764	4765	NS	1	0.0	25.981	9.083	0.0	28.275	9.478	0.0	280.099	2.919	0.0	55.762	3.334	0.0	1.894	0.0	0.0	1.903	0.0	0.0	2.026	0.0	0.0	2.033	0.0
89	4765	4766	NS	1	0.0	25.987	9.115	0.0	28.408	9.493	0.0	331.118	2.949	0.0	26.356	3.284	0.0	1.895	0.0	0.0	1.904	0.0	0.0	2.026	0.0	0.0	2.033	0.0
90	4765	4766	SN	1	0.0	36.829	16.078	0.0	27.25	13.997	0.0	190.196	15.294	0.0	53.054	15.074	0.0	1.915	0.0	0.0	1.941	0.0	0.0	2.084	0.0	0.0	2.111	0.0
91	4765	4766	NS	1	0.0	25.788	15.347	0.0	38.633	15.536	0.0	331.631	12.487	0.0	36.14	12.762	0.0	1.904	0.0	0.0	1.92	0.0	0.0	2.031	0.0	0.0	2.037	0.0
92	4765	4766	SN	1	0.0	27.575	10.646	0.0	28.308	10.456	0.0	182.359	5.441	0.0	61.658	5.272	0.0	1.931	0.0	0.0	1.95	0.0	0.0	2.086	0.0	0.0	2.089	0.0
93	4765	4766	NS	1	0.0	25.788	15.449	0.0	30.294	15.097	0.0	331.631	12.749	0.0	15.034	12.217	0.0	1.904	0.0	0.0	1.92	0.0	0.0	2.031	0.0	0.0	2.037	0.0
94	4765	4766	NS	1	0.0	25.987	9.194	0.0	25.176	9.472	0.0	331.118	3.016	0.0	12.094	3.14	0.0	1.895	0.0	0.0	1.904	0.0	0.0	2.026	0.0	0.0	2.033	0.0
95	4766	4767	NS	1	0.0	25.816	15.755	0.0	30.266	14.781	0.0	354.617	13.379	0.0	13.517	11.81	0.0	1.902	0.0	0.0	1.921	0.0	0.0	2.031	0.0	0.0	2.04	0.0
96	4766	4767	NS	1	0.0	25.998	9.396	0.0	25.055	9.514	0.0	353.255	3.264	0.0	11.747	3.194	0.0	1.895	0.0	0.0	1.904	0.0	0.0	2.025	0.0	0.0	2.033	0.0
97	4767	4768	SN	1	0.0	27.443	10.592	0.0	28.303	10.458	0.0	155.374	5.411	0.0	58.74	5.141	0.0	1.934	0.0	0.0	1.953	0.0	0.0	2.094	0.0	0.0	2.097	0.0
98	4767	4768	SN	1	0.0	37.441	16.081	0.0	27.161	13.588	0.0	154.519	15.705	0.0	14.527	14.531	0.0	1.921	0.0	0.0	1.975	0.0	0.0	2.098	0.0	0.0	2.08	0.0
99	4767	4768	SN	1	0.0	27.443	10.588	0.0	28.303	10.458	0.0	155.374	5.407	0.0	58.74	5.141	0.0	1.934	0.0	0.0	1.953	0.0	0.0	2.094	0.0	0.0	2.097	0.0
100	4767	4768	SN	1	0.0	37.441	15.955	0.0	27.244	14.032	0.0	154.519	15.239	0.0	52.486	15.034	0.0	1.921	0.0	0.0	1.975	0.0	0.0	2.098	0.0	0.0	2.08	0.0
101	4767	4768	SN	1	0.0	27.443	10.783	0.0	28.303	10.493	0.0	155.374	5.657	0.0	14.3	5.145	0.0	1.934	0.0	0.0	1.953	0.0	0.0	2.094	0.0	0.0	2.097	0.0
102	4767	4768	SN	1	0.0	37.441	15.961	0.0	27.244	14.032	0.0	154.519	15.243	0.0	52.486	15.034	0.0	1.921	0.0	0.0	1.975	0.0	0.0	2.098	0.0	0.0	2.08	0.0
103	4768	4769	SN	1	0.0	37.629	16.037	0.0	27.244	14.102	0.0	158.264	15.241	0.0	53.628	15.088	0.0	1.931	0.0	0.0	1.94	0.0	0.0	2.084	0.0	0.0	2.077	0.0
104	4768	4769	SN	1	0.0	27.52	10.647	0.0	28.303	10.552	0.0	159.317	5.492	0.0	14.295	5.2	0.0	1.93	0.0	0.0	1.953	0.0	0.0	2.084	0.0	0.0	2.111	0.0
105	4768	4769	NS	1	0.0	25.976	9.076	0.0	28.408	9.48	0.0	143.933	2.93	0.0	43.557	3.294	0.0	1.893	0.0	0.0	1.903	0.0	0.0	2.025	0.0	0.0	2.034	0.0

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

106	4768	4769	SN	1	0.0	37.629	16.095	0.0	27.244	13.903	0.0	158.264	15.398	0.0	20.907	14.909	0.0	1.931	0.0	0.0	1.94	0.0	0.0	2.084	0.0	0.0	2.077	0.0
107	4768	4769	SN	1	0.0	27.52	10.58	0.0	28.303	10.536	0.0	159.317	5.415	0.0	57.251	5.249	0.0	1.93	0.0	0.0	1.953	0.0	0.0	2.084	0.0	0.0	2.111	0.0
108	4768	4769	SN	1	0.0	37.629	16.018	0.0	27.244	14.102	0.0	158.264	15.236	0.0	53.628	15.088	0.0	1.931	0.0	0.0	1.94	0.0	0.0	2.084	0.0	0.0	2.077	0.0
109	4768	4769	NS	1	0.0	25.562	15.282	0.0	37.656	15.529	0.0	141.705	12.488	0.0	33.857	12.854	0.0	1.903	0.0	0.0	1.919	0.0	0.0	2.03	0.0	0.0	2.039	0.0
110	4768	4769	SN	1	0.0	27.52	10.572	0.0	28.303	10.536	0.0	159.317	5.409	0.0	57.251	5.249	0.0	1.93	0.0	0.0	1.953	0.0	0.0	2.084	0.0	0.0	2.111	0.0
111	4769	4770	NS	1	0.0	25.981	9.087	0.0	28.325	9.476	0.0	355.897	2.932	0.0	47.925	3.312	0.0	1.894	0.0	0.0	1.903	0.0	0.0	2.024	0.0	0.0	2.033	0.0
112	4769	4770	SN	1	0.0	27.432	10.588	0.0	28.308	10.481	0.0	156.742	5.409	0.0	139.626	5.267	0.0	1.931	0.0	0.0	1.953	0.0	0.0	2.084	0.0	0.0	2.099	0.0
113	4769	4770	SN	1	0.0	35.329	16.043	0.0	28.093	14.057	0.0	165.009	15.259	0.0	68.414	15.106	0.0	1.919	0.0	0.0	1.972	0.0	0.0	2.084	0.0	0.0	2.099	0.0
114	4769	4770	NS	1	0.0	25.981	9.101	0.0	28.325	9.476	0.0	355.897	2.935	0.0	44.081	3.323	0.0	1.894	0.0	0.0	1.903	0.0	0.0	2.024	0.0	0.0	2.033	0.0
115	4769	4770	NS	1	0.0	25.512	15.398	0.0	38.633	15.537	0.0	355.897	12.437	0.0	37.844	12.885	0.0	1.902	0.0	0.0	1.919	0.0	0.0	2.03	0.0	0.0	2.037	0.0
116	4769	4770	NS	1	0.0	25.424	15.367	0.0	38.042	15.527	0.0	355.897	12.452	0.0	37.822	12.871	0.0	1.902	0.0	0.0	1.919	0.0	0.0	2.031	0.0	0.0	2.037	0.0
117	4769	4770	SN	1	0.0	35.329	16.12	0.0	27.239	13.898	0.0	165.009	15.414	0.0	19.678	14.905	0.0	1.919	0.0	0.0	1.972	0.0	0.0	2.084	0.0	0.0	2.099	0.0
118	4769	4770	SN	1	0.0	35.329	16.043	0.0	28.093	14.057	0.0	165.009	15.252	0.0	68.414	15.106	0.0	1.919	0.0	0.0	1.972	0.0	0.0	2.084	0.0	0.0	2.099	0.0
119	4769	4770	SN	1	0.0	27.432	10.66	0.0	28.308	10.501	0.0	156.742	5.487	0.0	14.306	5.204	0.0	1.931	0.0	0.0	1.953	0.0	0.0	2.084	0.0	0.0	2.099	0.0
120	4769	4770	SN	1	0.0	27.432	10.591	0.0	28.308	10.481	0.0	156.742	5.41	0.0	139.626	5.267	0.0	1.931	0.0	0.0	1.953	0.0	0.0	2.084	0.0	0.0	2.099	0.0
121	4770	4771	SN	1	0.0	27.459	10.585	0.0	28.314	10.506	0.0	151.905	5.465	0.0	65.91	5.265	0.0	1.931	0.0	0.0	1.952	0.0	0.0	2.085	0.0	0.0	2.09	0.0
122	4770	4771	NS	1	0.0	22.6	11.889	0.0	24.145	6.309	0.0	153.397	4.097	0.0	10.622	1.225	0.0	1.882	0.0	0.0	1.841	0.0	0.0	2.006	0.0	0.0	2.009	0.0
123	4770	4771	SN	1	0.0	9.105	0.0	1.401	1.401	0.0	7.688	0.0	100000.0	-100000.0	0.0	1.827	0.0	0.001	0.001	0.0	0.0	0.0	1.983	0.0	100000.0	-100000.0	0.0	0.0
124	4770	4771	SN	1	0.0	9.232	0.0	0.0	0.0	0.0	6.833	0.0	100000.0	-100000.0	0.0	1.821	0.0	0.0	0.0	0.0	0.0	0.0	1.989	0.0	100000.0	-100000.0	0.0	0.0
125	4770	4771	NS	1	0.0	25.981	9.058	0.0	28.375	9.465	0.0	146.829	2.925	0.0	54.962	3.312	0.0	1.894	0.0	0.0	1.905	0.0	0.0	2.025	0.0	0.0	2.039	0.0
126	4770	4771	NS	1	0.0	25.551	15.339	0.0	38.296	15.53	0.0	150.998	12.461	0.0	47.561	12.852	0.0	1.903	0.0	0.0	1.921	0.0	0.0	2.031	0.0	0.0	2.043	0.0
127	4770	4771	NS	1	0.0	25.424	25.051	0.0	29.081	10.126	0.0	146.415	26.292	0.0	12.684	5.927	0.0	1.899	0.0	0.0	1.841	0.0	0.0	2.01	0.0	0.0	2.009	0.0
128	4770	4771	SN	1	0.0	35.825	16.034	0.0	27.239	14.057	0.0	149.991	15.229	0.0	66.66	15.129	0.0	1.918	0.0	0.0	1.945	0.0	0.0	2.085	0.0	0.0	2.116	0.0
129	4771	4772	NS	1	0.0	25.512	15.24	0.0	38.594	15.551	0.0	125.794	12.424	0.0	33.967	12.881	0.0	1.902	0.0	0.0	1.919	0.0	0.0	2.03	0.0	0.0	2.038	0.0
130	4771	4772	SN	1	0.0	27.542	10.749	0.0	28.297	10.514	0.0	184.521	5.617	0.0	14.3	5.189	0.0	1.93	0.0	0.0	1.951	0.0	0.0	2.084	0.0	0.0	2.113	0.0
131	4771	4772	SN	1	0.0	37.469	16.164	0.0	27.239	13.701	0.0	187.891	15.618	0.0	15.321	14.662	0.0	1.914	0.0	0.0	1.943	0.0	0.0	2.084	0.0	0.0	2.119	0.0
132	4771	4772	SN	1	0.0	27.542	10.615	0.0	28.297	10.49	0.0	184.521	5.446	0.0	61.939	5.232	0.0	1.93	0.0	0.0	1.951	0.0	0.0	2.084	0.0	0.0	2.113	0.0
133	4771	4772	SN	1	0.0	27.542	10.61	0.0	28.297	10.497	0.0	184.526	5.457	0.0	61.939	5.249	0.0	1.93	0.0	0.0	1.951	0.0	0.0	2.085	0.0	0.0	2.113	0.0
134	4771	4772	NS	1	0.0	25.204	15.329	0.0	38.357	15.595	0.0	168.856	12.483	0.0	49.436	12.883	0.0	1.902	0.0	0.0	1.919	0.0	0.0	2.03	0.0	0.0	2.039	0.0
135	4771	4772	NS	1	0.0	25.976	9.062	0.0	28.375	9.465	0.0	173.262	2.924	0.0	44.026	3.33	0.0	1.894	0.0	0.0	1.902	0.0	0.0	2.025	0.0	0.0	2.034	0.0
136	4771	4772	SN	1	0.0	37.469	16.053	0.0	27.239	14.035	0.0	187.891	15.336	0.0	53.76	15.086	0.0	1.914	0.0	0.0	1.943	0.0	0.0	2.084	0.0	0.0	2.119	0.0
137	4771	4772	NS	1	0.0	25.976	9.056	0.0	28.38	9.467	0.0	173.262	2.918	0.0	45.923	3.314	0.0	1.894	0.0	0.0	1.903	0.0	0.0	2.025	0.0	0.0	2.034	0.0
138	4771	4772	SN	1	0.0	37.463	16.051	0.0	27.239	14.025	0.0	187.874	15.314	0.0	53.76	15.065	0.0	1.92	0.0	0.0	1.933	0.0	0.0	2.085	0.0	0.0	2.119	0.0
139	4772	4773	SN	1	0.0	27.597	10.8	0.0	28.308	10.494	0.0	169.917	5.671	0.0	14.306	5.229	0.0	1.931	0.0	0.0	1.953	0.0	0.0	2.085	0.0	0.0	2.094	0.0
140	4772	4773	SN	1	0.0	37.778	15.981	0.0	27.244	14.054	0.0	186.561	15.259	0.0	52.249	15.069	0.0	1.918	0.0	0.0	1.952	0.0	0.0	2.084	0.0	0.0	2.084	0.0
141	4772	4773	SN	1	0.0	37.778	16.091	0.0	27.145	13.595	0.0	186.561	15.705	0.0	14.543	14.558	0.0	1.918	0.0	0.0	1.952	0.0	0.0	2.084	0.0	0.0	2.084	0.0
142	4772	4773	SN	1	0.0	27.597	10.603	0.0	28.308	10.463	0.0	169.917	5.422	0.0	61.046	5.228	0.0	1.931	0.0	0.0	1.953	0.0	0.0	2.085	0.0	0.0	2.094	0.0

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

143	4772	4773	NS	1	0.0	25.97	9.059	0.0	28.369	9.484	0.0	137.337	2.962	0.0	46.497	3.315	0.0	1.895	0.0	0.0	1.904	0.0	0.0	2.025	0.0	0.0	2.042	0.0
144	4772	4773	SN	1	0.0	27.597	10.608	0.0	28.308	10.463	0.0	169.917	5.427	0.0	61.046	5.228	0.0	1.931	0.0	0.0	1.953	0.0	0.0	2.085	0.0	0.0	2.094	0.0
145	4772	4773	NS	1	0.0	25.193	15.242	0.0	38.572	15.522	0.0	355.869	12.582	0.0	35.555	12.848	0.0	1.906	0.0	0.0	1.919	0.0	0.0	2.03	0.0	0.0	2.049	0.0
146	4772	4773	SN	1	0.0	37.778	15.994	0.0	27.244	14.054	0.0	186.561	15.269	0.0	52.249	15.069	0.0	1.918	0.0	0.0	1.952	0.0	0.0	2.084	0.0	0.0	2.084	0.0
147	4773	4774	SN	1	0.0	37.452	16.098	0.0	27.239	14.034	0.0	153.449	15.286	0.0	63.798	15.061	0.0	1.912	0.0	0.0	1.933	0.0	0.0	2.085	0.0	0.0	2.089	0.0
148	4773	4774	NS	1	0.0	25.22	15.374	0.0	38.544	15.59	0.0	136.019	12.571	0.0	51.433	12.793	0.0	1.904	0.0	0.0	1.921	0.0	0.0	2.03	0.0	0.0	2.039	0.0
149	4773	4774	NS	1	0.0	25.033	15.364	0.0	38.544	15.6	0.0	136.052	12.593	0.0	51.405	12.786	0.0	1.904	0.0	0.0	1.92	0.0	0.0	2.03	0.0	0.0	2.039	0.0
150	4773	4774	SN	1	0.0	37.452	16.098	0.0	27.239	14.034	0.0	153.449	15.29	0.0	63.798	15.061	0.0	1.912	0.0	0.0	1.933	0.0	0.0	2.085	0.0	0.0	2.089	0.0
151	4773	4774	SN	1	0.0	27.387	10.875	0.0	28.297	10.483	0.0	164.783	5.782	0.0	14.311	5.275	0.0	1.93	0.0	0.0	1.954	0.0	0.0	2.084	0.0	0.0	2.093	0.0
152	4773	4774	NS	1	0.0	25.976	9.071	0.0	28.353	9.487	0.0	129.137	2.954	0.0	51.256	3.297	0.0	1.894	0.0	0.0	1.903	0.0	0.0	2.026	0.0	0.0	2.034	0.0
153	4773	4774	SN	1	0.0	27.387	10.607	0.0	28.297	10.437	0.0	164.783	5.429	0.0	59.645	5.194	0.0	1.93	0.0	0.0	1.954	0.0	0.0	2.084	0.0	0.0	2.093	0.0
154	4773	4774	SN	1	0.0	27.387	10.606	0.0	28.297	10.437	0.0	164.783	5.426	0.0	59.645	5.195	0.0	1.93	0.0	0.0	1.954	0.0	0.0	2.084	0.0	0.0	2.093	0.0
155	4773	4774	SN	1	0.0	37.452	16.275	0.0	27.073	13.543	0.0	153.449	15.92	0.0	15.332	14.443	0.0	1.912	0.0	0.0	1.933	0.0	0.0	2.085	0.0	0.0	2.089	0.0
156	4773	4774	NS	1	0.0	25.992	9.078	0.0	28.353	9.485	0.0	129.197	2.956	0.0	51.223	3.295	0.0	1.895	0.0	0.0	1.903	0.0	0.0	2.026	0.0	0.0	2.034	0.0
157	4774	4775	NS	1	0.0	25.215	15.345	0.0	38.373	15.57	0.0	145.169	12.51	0.0	33.939	12.696	0.0	1.905	0.0	0.0	1.919	0.0	0.0	2.029	0.0	0.0	2.038	0.0
158	4774	4775	SN	1	0.0	27.597	10.547	0.0	28.297	10.445	0.0	150.642	5.413	0.0	68.915	5.138	0.0	1.929	0.0	0.0	1.951	0.0	0.0	2.083	0.0	0.0	2.101	0.0
159	4774	4775	SN	1	0.0	35.142	16.385	0.0	26.803	13.467	0.0	162.031	16.1	0.0	14.527	14.376	0.0	1.915	0.0	0.0	1.949	0.0	0.0	2.084	0.0	0.0	2.105	0.0
160	4774	4775	SN	1	0.0	35.142	16.063	0.0	27.239	14.057	0.0	162.031	15.237	0.0	53.937	15.086	0.0	1.915	0.0	0.0	1.949	0.0	0.0	2.084	0.0	0.0	2.105	0.0
161	4774	4775	NS	1	0.0	25.976	9.112	0.0	28.386	9.514	0.0	149.437	2.941	0.0	39.614	3.264	0.0	1.893	0.0	0.0	1.903	0.0	0.0	2.026	0.0	0.0	2.037	0.0
162	4774	4775	NS	1	0.0	25.976	9.108	0.0	28.386	9.503	0.0	149.36	2.935	0.0	39.653	3.253	0.0	1.893	0.0	0.0	1.904	0.0	0.0	2.026	0.0	0.0	2.037	0.0
163	4774	4775	SN	1	0.0	27.597	10.92	0.0	28.297	10.53	0.0	150.642	5.918	0.0	14.295	5.332	0.0	1.929	0.0	0.0	1.951	0.0	0.0	2.083	0.0	0.0	2.101	0.0
164	4774	4775	SN	1	0.0	27.597	10.547	0.0	28.297	10.445	0.0	150.642	5.413	0.0	68.915	5.138	0.0	1.929	0.0	0.0	1.951	0.0	0.0	2.083	0.0	0.0	2.101	0.0
165	4774	4775	SN	1	0.0	35.142	16.063	0.0	27.239	14.057	0.0	162.031	15.237	0.0	53.937	15.086	0.0	1.915	0.0	0.0	1.949	0.0	0.0	2.084	0.0	0.0	2.105	0.0
166	4774	4775	NS	1	0.0	25.215	15.355	0.0	38.373	15.601	0.0	145.235	12.481	0.0	33.923	12.746	0.0	1.906	0.0	0.0	1.919	0.0	0.0	2.03	0.0	0.0	2.038	0.0
167	4775	4776	NS	1	0.0	25.413	15.328	0.0	38.611	15.558	0.0	355.902	12.576	0.0	38.417	12.77	0.0	1.904	0.0	0.0	1.919	0.0	0.0	2.031	0.0	0.0	2.038	0.0
168	4775	4776	NS	1	0.0	25.987	9.106	0.0	28.281	9.507	0.0	135.788	2.945	0.0	53.545	3.269	0.0	1.895	0.0	0.0	1.904	0.0	0.0	2.026	0.0	0.0	2.035	0.0
169	4775	4776	SN	1	0.0	27.492	10.557	0.0	28.303	10.444	0.0	159.174	5.368	0.0	61.994	5.138	0.0	1.929	0.0	0.0	1.927	0.0	0.0	2.085	0.0	0.0	2.1	0.0
170	4775	4776	NS	1	0.0	25.413	15.328	0.0	38.611	15.558	0.0	355.902	12.576	0.0	38.417	12.77	0.0	1.904	0.0	0.0	1.919	0.0	0.0	2.031	0.0	0.0	2.038	0.0
171	4775	4776	NS	1	0.0	25.987	9.106	0.0	28.281	9.507	0.0	135.788	2.945	0.0	53.545	3.269	0.0	1.895	0.0	0.0	1.904	0.0	0.0	2.026	0.0	0.0	2.035	0.0
172	4775	4776	SN	1	0.0	37.75	16.058	0.0	27.128	14.045	0.0	163.68	15.283	0.0	73.25	15.09	0.0	1.907	0.0	0.0	1.946	0.0	0.0	2.084	0.0	0.0	2.106	0.0
173	4776	4777	NS	1	0.0	25.005	15.265	0.0	38.296	15.581	0.0	137.056	12.513	0.0	48.118	12.759	0.0	1.902	0.0	0.0	1.919	0.0	0.0	2.029	0.0	0.0	2.039	0.0
174	4776	4777	SN	1	0.0	27.448	10.55	0.0	28.308	10.443	0.0	161.253	5.366	0.0	59.507	5.117	0.0	1.929	0.0	0.0	1.926	0.0	0.0	2.086	0.0	0.0	2.102	0.0
175	4776	4777	SN	1	0.0	37.408	16.056	0.0	27.139	14.071	0.0	159.422	15.179	0.0	52.613	15.038	0.0	1.926	0.0	0.0	1.943	0.0	0.0	2.084	0.0	0.0	2.084	0.0
176	4776	4777	NS	1	0.0	25.005	15.265	0.0	38.296	15.581	0.0	137.056	12.513	0.0	48.118	12.759	0.0	1.902	0.0	0.0	1.919	0.0	0.0	2.029	0.0	0.0	2.039	0.0
177	4776	4777	NS	1	0.0	25.987	9.085	0.0	28.358	9.494	0.0	352.698	2.93	0.0	51.516	3.265	0.0	1.894	0.0	0.0	1.903	0.0	0.0	2.025	0.0	0.0	2.035	0.0
178	4776	4777	NS	1	0.0	25.987	9.085	0.0	28.358	9.494	0.0	352.698	2.93	0.0	51.516	3.265	0.0	1.894	0.0	0.0	1.903	0.0	0.0	2.025	0.0	0.0	2.035	0.0
179	4777	4778	NS	1	0.0	25.193	15.323	0.0	38.368	15.611	0.0	148.031	12.544	0.0	33.835	12.682	0.0	1.904	0.0	0.0	1.921	0.0	0.0	2.031	0.0	0.0	2.04	0.0

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

180	4777	4778	NS	1	0.0	25.976	9.082	0.0	28.32	9.501	0.0	351.722	2.939	0.0	43.061	3.24	0.0	1.894	0.0	0.0	1.905	0.0	0.0	2.027	0.0	0.0	2.037	0.0
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Parameter Specifications	Parameters	Azi.Angle	Inci.Angle	Normal	Deviations
	Range	10.0	3.0		