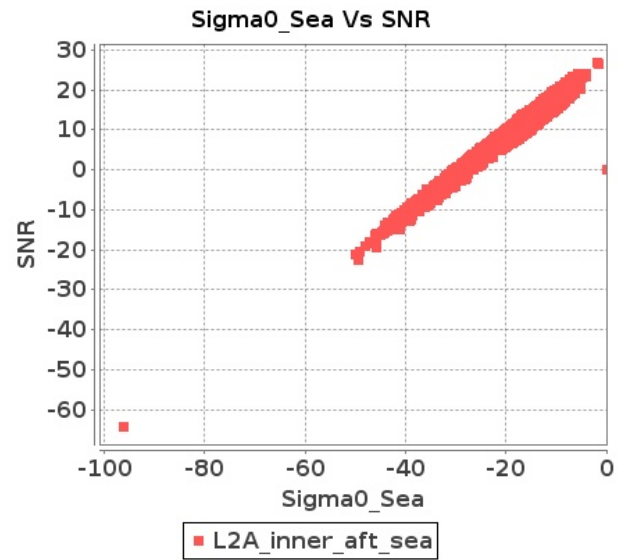


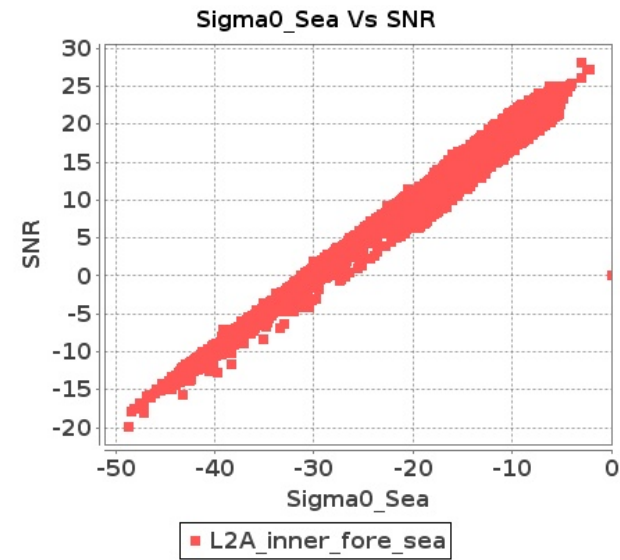
SCATSAT-1 Scatterometer Level-2A Data Quality Cycle wise Report

Report between 07-AUG-2017 To 08-AUG-2017

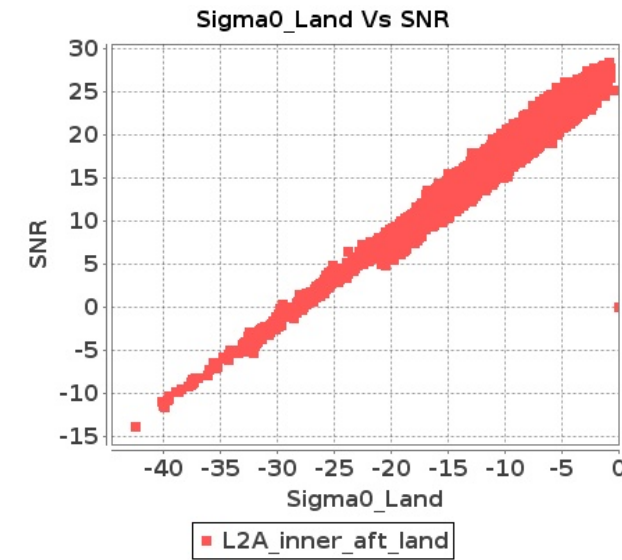
Inner Sea Aft Sigma0VsSNR



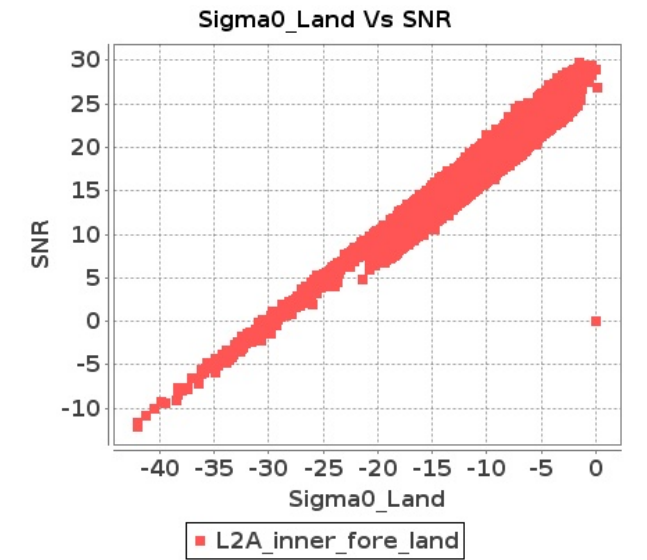
Inner Sea Fore Sigma0VsSNR



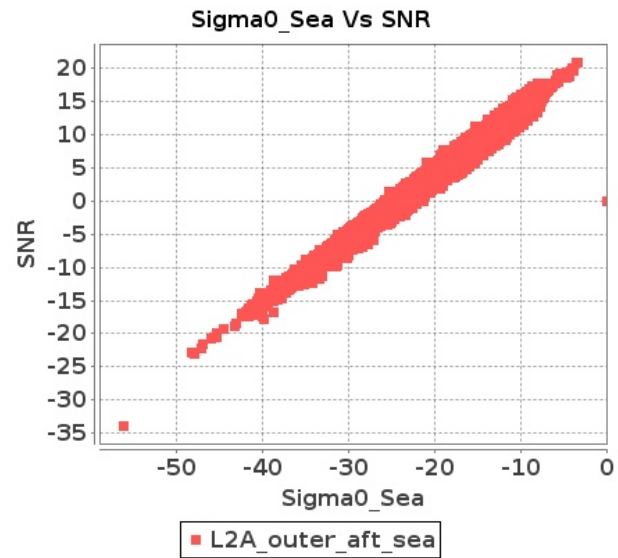
Inner Land Aft Sigma0VsSNR



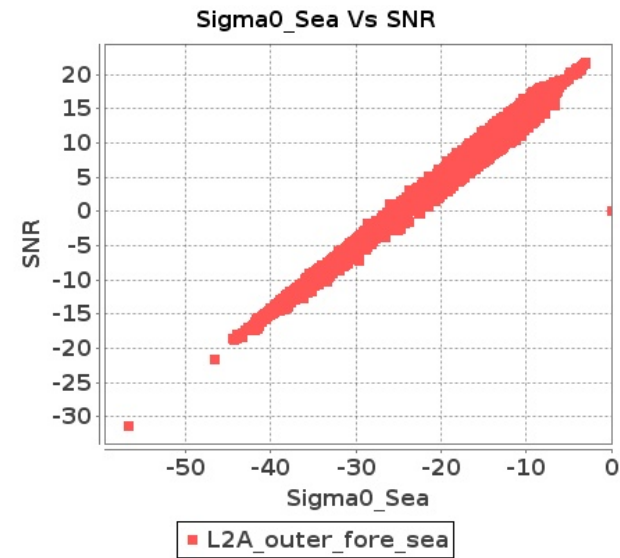
Inner Land Fore Sigma0VsSNR



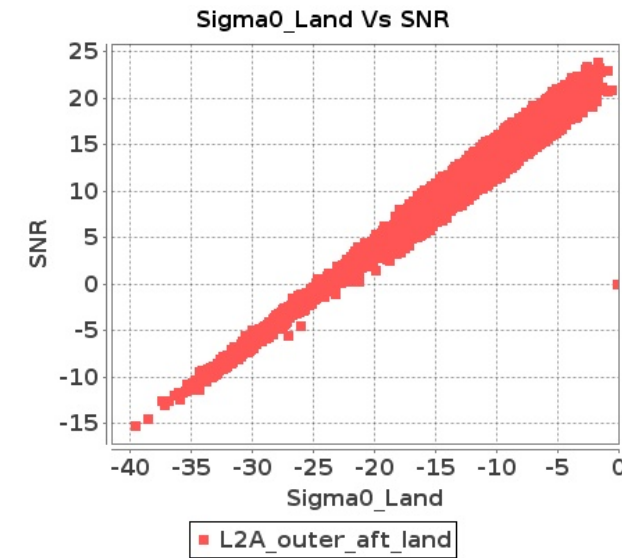
Outer Sea Aft Sigma0VsSNR



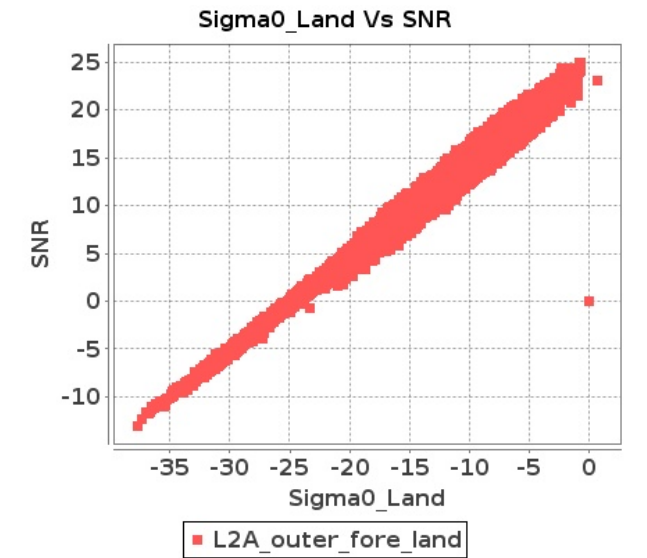
Outer Sea Fore Sigma0VsSNR



Outer Land Aft Sigma0VsSNR



Outer Land Fore Sigma0VsSNR



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

Report between 07-AUG-2017 To 08-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	4564	4565	SN	1	0.0	48.16	3.729	0.0	50.14	3.704	0.0	50.534	2.385	0.0	45.587	3.087	0.0	47.032	3.405	0.0	48.707	3.602	0.0	50.135	2.248	0.0	44.722	2.929
2	4564	4565	SN	1	0.0	53.034	8.368	0.0	52.429	9.329	0.0	51.405	6.663	0.0	49.864	7.863	0.0	52.548	8.114	0.0	51.807	8.789	0.0	51.206	6.343	0.0	49.472	7.468
3	4564	4565	SN	1	0.0	48.16	3.874	0.0	50.14	3.824	0.0	50.534	2.416	0.0	45.587	3.183	0.0	47.032	3.556	0.0	48.707	3.72	0.0	50.135	2.292	0.0	44.722	3.017
4	4564	4565	SN	1	0.0	53.034	8.092	0.0	52.429	8.947	0.0	51.405	6.624	0.0	49.864	7.586	0.0	52.548	7.81	0.0	51.807	8.431	0.0	51.206	6.298	0.0	49.472	7.173
5	4564	4565	SN	1	0.0	48.16	3.731	0.0	50.14	3.663	0.0	50.534	2.388	0.0	45.587	3.052	0.0	47.032	3.407	0.0	48.707	3.562	0.0	50.135	2.252	0.0	44.722	2.894
6	4564	4565	SN	1	0.0	53.034	8.093	0.0	52.429	9.044	0.0	51.405	6.617	0.0	49.864	7.673	0.0	52.548	7.812	0.0	51.807	8.522	0.0	51.206	6.305	0.0	49.472	7.263
7	4565	4566	NS	1	0.0	50.858	2.469	0.0	48.22	2.126	0.0	47.117	1.437	0.0	38.5	1.439	0.0	49.59	2.252	0.0	50.266	2.065	0.0	46.603	1.364	0.0	42.104	1.315
8	4565	4566	SN	1	0.0	47.748	3.154	0.0	46.589	3.356	0.0	42.007	2.251	0.0	49.529	2.892	0.0	49.631	2.879	0.0	44.511	2.995	0.0	42.193	2.117	0.0	49.941	2.635
9	4565	4566	SN	1	0.0	53.863	6.101	0.0	47.142	6.838	0.0	48.314	5.848	0.0	47.433	6.712	0.0	58.112	5.477	0.0	50.63	6.511	0.0	51.378	5.536	0.0	47.375	6.215
10	4565	4566	NS	1	0.0	51.169	7.374	0.0	57.606	6.783	0.0	49.08	4.984	0.0	48.899	4.874	0.0	51.14	7.001	0.0	58.068	6.341	0.0	49.948	4.785	0.0	46.89	4.546
11	4565	4566	NS	1	0.0	51.165	7.364	0.0	56.931	6.683	0.0	51.551	4.991	0.0	47.985	4.81	0.0	51.135	7.051	0.0	57.41	6.361	0.0	52.418	4.806	0.0	48.399	4.532
12	4565	4566	SN	1	0.0	53.919	6.129	0.0	52.323	6.734	0.0	51.068	5.94	0.0	46.056	6.692	0.0	58.169	5.505	0.0	50.812	6.39	0.0	54.13	5.55	0.0	47.118	6.208
13	4565	4566	SN	1	0.0	48.853	3.172	0.0	46.814	3.317	0.0	42.004	2.24	0.0	50.725	2.888	0.0	52.192	2.89	0.0	44.764	2.974	0.0	42.191	2.09	0.0	51.46	2.649
14	4565	4566	SN	1	0.0	47.748	3.198	0.0	46.589	3.37	0.0	42.007	2.254	0.0	49.529	2.901	0.0	49.631	2.924	0.0	44.511	3.011	0.0	42.193	2.114	0.0	49.941	2.647
15	4565	4566	NS	1	0.0	55.929	2.46	0.0	45.986	2.14	0.0	45.77	1.437	0.0	39.441	1.459	0.0	52.496	2.263	0.0	46.022	2.047	0.0	45.255	1.373	0.0	40.016	1.327
16	4565	4566	SN	1	0.0	53.863	6.168	0.0	47.142	6.867	0.0	48.314	5.828	0.0	47.433	6.731	0.0	58.112	5.544	0.0	50.63	6.539	0.0	51.378	5.475	0.0	47.375	6.24
17	4566	4567	SN	1	0.0	44.778	3.206	0.0	45.013	3.252	0.0	47.349	2.557	0.0	50.135	2.633	0.0	46.362	3.12	0.0	45.477	3.414	0.0	44.467	2.532	0.0	49.975	2.762
18	4566	4567	SN	1	0.0	45.757	7.991	0.0	47.42	7.167	0.0	41.693	6.63	0.0	44.779	6.988	0.0	49.698	7.766	0.0	49.553	7.433	0.0	40.33	6.723	0.0	48.457	7.183
19	4566	4567	NS	1	0.0	47.955	1.098	0.0	41.948	0.765	0.0	40.89	0.656	0.0	37.329	0.585	0.0	45.095	0.828	0.0	43.976	0.618	0.0	41.38	0.503	0.0	37.156	0.438
20	4566	4567	SN	1	0.0	45.445	3.255	0.0	44.498	3.29	0.0	44.953	2.546	0.0	41.073	2.721	0.0	47.029	3.165	0.0	44.979	3.449	0.0	43.071	2.621	0.0	40.744	2.802
21	4566	4567	SN	1	0.0	45.445	3.299	0.0	44.498	3.299	0.0	44.953	2.543	0.0	41.073	2.732	0.0	47.029	3.21	0.0	44.979	3.462	0.0	43.071	2.621	0.0	40.744	2.809
22	4566	4567	NS	1	0.0	57.604	3.576	0.0	51.288	2.979	0.0	43.352	2.108	0.0	45.869	2.188	0.0	54.62	2.851	0.0	54.104	2.264	0.0	42.778	1.716	0.0	43.806	1.824
23	4566	4567	SN	1	0.0	42.553	7.83	0.0	47.216	7.179	0.0	42.852	6.273	0.0	47.179	6.692	0.0	45.615	7.679	0.0	49.349	7.422	0.0	42.796	6.387	0.0	47.268	6.777
24	4566	4567	SN	1	0.0	45.757	7.903	0.0	47.42	7.165	0.0	41.693	6.564	0.0	44.779	6.985	0.0	49.698	7.681	0.0	49.553	7.421	0.0	40.33	6.678	0.0	48.457	7.18
25	4566	4567	NS	1	0.0	53.897	3.606	0.0	50.585	2.918	0.0	44.151	2.108	0.0	46.195	2.181	0.0	50.535	2.78	0.0	51.768	2.254	0.0	40.793	1.68	0.0	46.571	1.867
26	4566	4567	NS	1	0.0	47.326	1.08	0.0	43.287	0.75	0.0	42.049	0.642	0.0	42.997	0.569	0.0	44.467	0.822	0.0	45.102	0.596	0.0	42.655	0.503	0.0	39.431	0.445
27	4567	4568	NS	1	0.0	54.509	3.465	0.0	49.529	3.26	0.0	44.834	2.82	0.0	42.863	2.936	0.0	57.162	3.092	0.0	51.208	2.696	0.0	44.034	2.393	0.0	40.544	2.623
28	4567	4568	NS	1	0.0	44.391	1.229	0.0	49.583	1.042	0.0	41.096	0.775	0.0	36.217	0.833	0.0	43.807	1.016	0.0	45.558	0.904	0.0	42.778	0.667	0.0	35.01	0.729
29	4567	4568	NS	1	0.0	52.801	1.227	0.0	42.063	1.076	0.0	40.336	0.797	0.0	44.878	0.843	0.0	52.693	1.032	0.0	42.416	0.919	0.0	42.018	0.665	0.0	43.395	0.733
30	4567	4568	NS	1	0.0	58.953	3.546	0.0	47.32	3.3	0.0	41.771	2.792	0.0	42.759	2.943	0.0	56.125	3.062	0.0	49.066	2.777	0.0	41.531	2.4	0.0	40.749	2.601
31	4567	4568	SN	1	0.0	42.637	4.169	0.0	44.261	4.073	0.0	42.943	2.957	0.0	46.251	3.154	0.0	45.744	3.832	0.0	42.625	3.906	0.0	43.511	2.743	0.0	45.789	2.996

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

176	4585	4586	SN	1	0.0	54.01	10.968	0.0	54.861	10.568	0.0	49.801	7.939	0.0	50.31	7.988	0.0	52.883	10.826	0.0	54.457	10.272	0.0	49.716	7.939	0.0	47.652	7.794
177	4586	4587	NS	1	0.0	42.894	2.764	0.0	44.694	2.179	0.0	43.161	2.029	0.0	44.325	1.785	0.0	45.409	2.746	0.0	41.837	2.17	0.0	42.814	2.029	0.0	45.877	1.678
178	4586	4587	SN	1	0.0	44.874	2.15	0.0	45.941	2.412	0.0	41.91	1.472	0.0	49.971	1.709	0.0	44.042	1.979	0.0	43.806	2.204	0.0	44.0	1.419	0.0	48.893	1.587
179	4586	4587	NS	1	0.0	51.107	8.062	0.0	45.695	6.455	0.0	45.629	6.481	0.0	48.551	5.567	0.0	51.357	8.092	0.0	43.518	6.213	0.0	44.28	6.481	0.0	49.087	5.303
180	4586	4587	SN	1	0.0	48.164	6.534	0.0	51.495	7.188	0.0	49.54	5.134	0.0	49.487	5.751	0.0	50.341	6.112	0.0	51.804	6.965	0.0	52.295	4.822	0.0	48.255	5.381
181	4586	4587	NS	1	0.0	49.928	8.052	0.0	45.657	6.586	0.0	45.338	6.46	0.0	40.562	5.538	0.0	50.174	8.092	0.0	43.474	6.314	0.0	45.094	6.517	0.0	39.638	5.303
182	4586	4587	NS	1	0.0	40.004	2.825	0.0	46.09	2.181	0.0	44.937	1.987	0.0	38.448	1.769	0.0	41.693	2.757	0.0	46.94	2.208	0.0	44.592	2.027	0.0	40.002	1.692
183	4587	4588	NS	1	0.0	50.952	2.647	0.0	50.674	2.278	0.0	46.981	1.644	0.0	42.052	1.756	0.0	50.52	2.251	0.0	50.174	2.016	0.0	46.747	1.424	0.0	40.872	1.448
184	4587	4588	SN	1	0.0	45.968	4.934	0.0	54.945	4.468	0.0	41.262	3.56	0.0	43.695	3.338	0.0	46.495	4.289	0.0	52.04	4.074	0.0	42.099	3.113	0.0	45.78	2.982
185	4587	4588	NS	1	0.0	50.899	7.911	0.0	48.311	6.647	0.0	50.537	5.717	0.0	46.707	5.944	0.0	49.614	6.913	0.0	48.668	5.972	0.0	47.817	5.29	0.0	48.435	5.231
186	4587	4588	SN	1	0.0	46.869	1.653	0.0	40.745	1.434	0.0	41.243	1.074	0.0	40.844	1.033	0.0	46.359	1.412	0.0	40.238	1.22	0.0	37.096	0.946	0.0	41.385	0.91
187	4588	4589	NS	1	0.0	54.386	7.458	0.0	50.064	6.98	0.0	44.668	5.033	0.0	44.162	5.395	0.0	56.541	6.712	0.0	51.284	6.416	0.0	43.702	4.67	0.0	40.723	4.982
188	4588	4589	SN	1	0.0	52.273	6.928	0.0	54.362	6.803	0.0	50.171	5.028	0.0	51.022	5.102	0.0	52.31	6.505	0.0	53.612	6.662	0.0	48.566	4.965	0.0	50.194	5.017
189	4588	4589	NS	1	0.0	42.513	2.389	0.0	47.247	2.208	0.0	44.645	1.595	0.0	42.601	1.532	0.0	43.746	2.032	0.0	47.775	2.043	0.0	41.071	1.442	0.0	41.22	1.384
190	4588	4589	SN	1	0.0	45.264	2.254	0.0	53.385	2.202	0.0	45.183	1.468	0.0	40.576	1.611	0.0	45.597	2.178	0.0	53.004	2.08	0.0	41.72	1.428	0.0	37.437	1.501
191	4589	4590	SN	1	0.0	47.055	7.148	0.0	54.063	7.008	0.0	47.583	4.97	0.0	46.579	4.977	0.0	47.825	6.785	0.0	51.483	6.321	0.0	47.843	4.715	0.0	47.145	4.777
192	4589	4590	NS	1	0.0	39.956	2.172	0.0	40.814	1.993	0.0	41.167	1.49	0.0	50.081	1.342	0.0	40.586	1.847	0.0	43.068	1.687	0.0	37.9	1.269	0.0	49.325	1.078
193	4589	4590	NS	1	0.0	39.956	2.19	0.0	40.814	2.006	0.0	42.624	1.502	0.0	50.081	1.35	0.0	40.586	1.861	0.0	43.068	1.698	0.0	39.358	1.28	0.0	49.325	1.085
194	4589	4590	NS	1	0.0	49.185	6.35	0.0	47.581	5.469	0.0	44.877	4.564	0.0	46.605	4.191	0.0	51.082	5.483	0.0	50.173	4.885	0.0	42.121	4.108	0.0	44.602	3.649
195	4589	4590	SN	1	0.0	45.53	2.276	0.0	52.01	2.162	0.0	49.037	1.418	0.0	41.489	1.385	0.0	45.72	2.15	0.0	54.085	1.95	0.0	46.54	1.309	0.0	41.973	1.271
196	4589	4590	NS	1	0.0	49.185	6.4	0.0	47.581	5.512	0.0	46.334	4.595	0.0	46.605	4.223	0.0	51.082	5.527	0.0	50.173	4.923	0.0	43.071	4.142	0.0	44.602	3.677
197	4590	4591	SN	1	0.0	44.66	2.184	0.0	42.162	2.11	0.0	41.52	1.809	0.0	44.417	1.743	0.0	44.154	2.076	0.0	42.807	1.966	0.0	40.505	1.646	0.0	44.827	1.591
198	4590	4591	NS	1	0.0	49.176	8.253	0.0	45.745	7.031	0.0	39.294	5.907	0.0	47.064	5.86	0.0	47.783	7.497	0.0	47.555	6.467	0.0	39.298	5.757	0.0	47.369	5.361
199	4590	4591	SN	1	0.0	47.163	7.128	0.0	51.336	6.897	0.0	46.894	5.487	0.0	47.993	5.702	0.0	48.524	6.736	0.0	50.391	6.472	0.0	50.433	5.097	0.0	47.746	5.211
200	4590	4591	NS	1	0.0	45.383	2.81	0.0	43.447	2.505	0.0	41.095	2.008	0.0	39.6	1.899	0.0	45.162	2.507	0.0	42.453	2.304	0.0	40.976	1.872	0.0	37.873	1.698
201	4591	4592	SN	1	0.0	48.339	7.048	0.0	51.359	6.836	0.0	44.0	5.437	0.0	46.503	5.809	0.0	49.677	6.202	0.0	53.436	6.138	0.0	44.013	5.118	0.0	45.306	5.211
202	4591	4592	NS	1	0.0	50.889	9.87	0.0	53.5	9.28	0.0	39.843	6.848	0.0	46.831	7.874	0.0	51.192	9.178	0.0	55.476	8.745	0.0	38.562	6.745	0.0	47.304	7.37
203	4591	4592	NS	1	0.0	50.889	9.482	0.0	53.5	8.915	0.0	39.843	6.583	0.0	46.831	7.571	0.0	51.192	8.817	0.0	55.476	8.401	0.0	38.562	6.483	0.0	47.304	7.086
204	4591	4592	SN	1	0.0	42.833	2.474	0.0	55.769	2.476	0.0	45.112	1.827	0.0	43.602	2.004	0.0	47.053	2.121	0.0	56.449	2.097	0.0	47.657	1.638	0.0	44.899	1.736
205	4591	4592	NS	1	0.0	42.307	3.22	0.0	49.821	2.963	0.0	45.196	2.274	0.0	43.082	2.584	0.0	42.157	2.879	0.0	45.435	2.74	0.0	44.744	2.197	0.0	43.324	2.331
206	4591	4592	NS	1	0.0	42.307	3.097	0.0	49.821	2.856	0.0	45.196	2.188	0.0	43.082	2.488	0.0	42.157	2.769	0.0	45.435	2.639	0.0	44.744	2.112	0.0	43.324	2.244
207	4592	4593	NS	1	0.0	49.509	4.63	0.0	42.864	3.725	0.0	36.707	2.674	0.0	42.999	2.511	0.0	47.637	4.22	0.0	43.529	3.541	0.0	36.214	2.494	0.0	41.94	2.519
208	4592	4593	NS	1	0.0	52.957	12.541	0.0	50.202	10.606	0.0	43.013	8.589	0.0	44.657	8.472	0.0	51.056	11.566	0.0	49.873	9.76	0.0	41.777	8.598	0.0	45.099	8.202

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	4564	4565	SN	1	0.0	24.729	9.535	0.0	28.104	9.916	0.0	183.49	4.046	0.0	73.234	3.991	0.0	2.075	0.0	2.191	0.0	0.0	2.272	0.0	0.0	2.355	0.0	
2	4564	4565	SN	1	0.0	31.375	15.796	0.0	27.178	13.839	0.0	198.132	14.182	0.0	15.723	12.668	0.0	2.081	0.0	2.084	0.0	0.0	2.261	0.0	0.0	2.367	0.0	
3	4564	4565	SN	1	0.0	24.729	9.628	0.0	25.948	9.841	0.0	183.49	4.184	0.0	15.508	3.819	0.0	2.075	0.0	2.191	0.0	0.0	2.272	0.0	0.0	2.355	0.0	
4	4564	4565	SN	1	0.0	31.375	15.781	0.0	27.757	14.214	0.0	198.132	13.794	0.0	62.176	13.293	0.0	2.081	0.0	2.084	0.0	0.0	2.261	0.0	0.0	2.367	0.0	
5	4564	4565	SN	1	0.0	24.729	9.541	0.0	27.244	9.865	0.0	183.49	4.046	0.0	73.195	3.945	0.0	2.075	0.0	2.191	0.0	0.0	2.272	0.0	0.0	2.355	0.0	
6	4564	4565	SN	1	0.0	29.643	15.754	0.0	27.757	14.214	0.0	198.132	13.794	0.0	62.209	13.418	0.0	2.081	0.0	2.084	0.0	0.0	2.261	0.0	0.0	2.367	0.0	
7	4565	4566	NS	1	0.0	27.261	8.131	0.0	25.766	8.306	0.0	354.463	2.054	0.0	35.561	1.681	0.0	1.899	0.0	1.861	0.0	0.0	2.024	0.0	0.0	2.007	0.0	
8	4565	4566	SN	1	0.0	24.729	9.545	0.0	27.592	9.963	0.0	189.622	4.058	0.0	142.058	4.018	0.0	2.095	0.0	2.216	0.0	0.0	2.275	0.0	0.0	2.389	0.0	
9	4565	4566	SN	1	0.0	29.152	15.756	0.0	27.718	14.29	0.0	203.013	13.787	0.0	64.04	13.482	0.0	2.08	0.0	2.05	0.0	0.0	2.267	0.0	0.0	2.375	0.0	
10	4565	4566	NS	1	0.0	27.277	14.949	0.0	31.888	14.312	0.0	354.314	10.346	0.0	39.52	10.055	0.0	1.909	0.0	1.869	0.0	0.0	2.032	0.0	0.0	2.007	0.0	
11	4565	4566	NS	1	0.0	27.277	14.939	0.0	31.888	14.312	0.0	354.32	10.36	0.0	39.532	10.033	0.0	1.909	0.0	1.869	0.0	0.0	2.032	0.0	0.0	2.007	0.0	
12	4565	4566	SN	1	0.0	31.386	15.761	0.0	27.713	14.247	0.0	203.073	13.773	0.0	64.007	13.362	0.0	2.08	0.0	2.049	0.0	0.0	2.267	0.0	0.0	2.372	0.0	
13	4565	4566	SN	1	0.0	24.729	9.551	0.0	27.592	9.922	0.0	189.688	4.055	0.0	141.931	3.97	0.0	2.095	0.0	2.216	0.0	0.0	2.275	0.0	0.0	2.388	0.0	
14	4565	4566	SN	1	0.0	24.729	9.579	0.0	27.31	9.891	0.0	189.622	4.104	0.0	15.514	3.873	0.0	2.095	0.0	2.216	0.0	0.0	2.275	0.0	0.0	2.389	0.0	
15	4565	4566	NS	1	0.0	27.266	8.134	0.0	25.766	8.315	0.0	354.463	2.056	0.0	35.561	1.674	0.0	1.899	0.0	1.861	0.0	0.0	2.024	0.0	0.0	2.007	0.0	
16	4565	4566	SN	1	0.0	31.584	15.782	0.0	27.288	14.083	0.0	203.013	13.91	0.0	19.286	13.065	0.0	2.08	0.0	2.05	0.0	0.0	2.267	0.0	0.0	2.375	0.0	
17	4566	4567	SN	1	0.0	24.735	9.565	0.0	28.308	9.931	0.0	267.974	4.073	0.0	144.347	4.028	0.0	2.1	0.0	2.228	0.0	0.0	2.293	0.0	0.0	2.39	0.0	
18	4566	4567	SN	1	0.0	31.744	15.777	0.0	27.288	14.098	0.0	189.396	13.885	0.0	20.538	13.132	0.0	2.088	0.0	2.046	0.0	0.0	2.282	0.0	0.0	2.372	0.0	
19	4566	4567	NS	1	0.0	26.886	8.098	0.0	25.761	8.263	0.0	354.579	2.086	0.0	58.112	1.649	0.0	1.9	0.0	1.859	0.0	0.0	2.029	0.0	0.0	2.006	0.0	
20	4566	4567	SN	1	0.0	24.718	9.531	0.0	28.413	9.974	0.0	267.461	4.08	0.0	144.568	4.07	0.0	2.1	0.0	2.228	0.0	0.0	2.292	0.0	0.0	2.39	0.0	
21	4566	4567	SN	1	0.0	24.718	9.571	0.0	28.308	9.902	0.0	267.461	4.116	0.0	15.519	3.924	0.0	2.1	0.0	2.228	0.0	0.0	2.292	0.0	0.0	2.39	0.0	
22	4566	4567	NS	1	0.0	27.239	14.897	0.0	34.276	14.26	0.0	354.402	10.346	0.0	39.818	9.898	0.0	1.908	0.0	1.865	0.0	0.0	2.034	0.0	0.0	2.007	0.0	
23	4566	4567	SN	1	0.0	31.601	15.761	0.0	27.774	14.226	0.0	189.473	13.766	0.0	70.101	13.355	0.0	2.088	0.0	2.046	0.0	0.0	2.283	0.0	0.0	2.371	0.0	
24	4566	4567	SN	1	0.0	29.174	15.745	0.0	28.463	14.27	0.0	189.396	13.766	0.0	69.792	13.51	0.0	2.088	0.0	2.046	0.0	0.0	2.282	0.0	0.0	2.372	0.0	
25	4566	4567	NS	1	0.0	27.239	14.877	0.0	34.281	14.279	0.0	354.402	10.36	0.0	39.846	9.905	0.0	1.907	0.0	1.866	0.0	0.0	2.033	0.0	0.0	2.006	0.0	
26	4566	4567	NS	1	0.0	26.886	8.097	0.0	25.761	8.265	0.0	354.59	2.093	0.0	58.156	1.658	0.0	1.899	0.0	1.859	0.0	0.0	2.029	0.0	0.0	2.006	0.0	
27	4567	4568	NS	1	0.0	27.222	14.958	0.0	31.91	14.195	0.0	354.386	10.291	0.0	39.554	9.9	0.0	1.909	0.0	1.864	0.0	0.0	2.031	0.0	0.0	2.007	0.0	
28	4567	4568	NS	1	0.0	27.015	8.079	0.0	25.766	8.29	0.0	354.557	2.079	0.0	58.724	1.644	0.0	1.899	0.0	1.86	0.0	0.0	2.028	0.0	0.0	2.007	0.0	
29	4567	4568	NS	1	0.0	27.021	8.095	0.0	25.766	8.311	0.0	354.54	2.084	0.0	58.586	1.635	0.0	1.901	0.0	1.86	0.0	0.0	2.029	0.0	0.0	2.007	0.0	
30	4567	4568	NS	1	0.0	27.217	14.978	0.0	31.915	14.215	0.0	354.402	10.326	0.0	39.465	9.892	0.0	1.91	0.0	1.864	0.0	0.0	2.031	0.0	0.0	2.007	0.0	
31	4567	4568	SN	1	0.0	24.74	9.547	0.0	28.308	10.012	0.0	286.43	4.099	0.0	70.245	4.134	0.0	2.113	0.0	2.197	0.0	0.0	2.3	0.0	0.0	2.39	0.0	

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

32	4567	4568	SN	1	0.0	24.74	9.563	0.0	28.308	10.01	0.0	287.897	4.083	0.0	70.476	4.129	0.0	2.112	0.0	0.0	2.223	0.0	0.0	2.287	0.0	0.0	2.39	0.0
33	4567	4568	SN	1	0.0	24.74	9.55	0.0	28.308	9.961	0.0	286.43	4.099	0.0	70.217	4.088	0.0	2.113	0.0	0.0	2.197	0.0	0.0	2.3	0.0	0.0	2.39	0.0
34	4567	4568	SN	1	0.0	29.152	15.745	0.0	27.774	14.227	0.0	211.655	13.809	0.0	67.912	13.538	0.0	2.094	0.0	0.0	2.021	0.0	0.0	2.284	0.0	0.0	2.371	0.0
35	4567	4568	SN	1	0.0	30.807	15.757	0.0	27.774	14.219	0.0	212.173	13.809	0.0	67.719	13.538	0.0	2.095	0.0	0.0	2.055	0.0	0.0	2.284	0.0	0.0	2.371	0.0
36	4567	4568	SN	1	0.0	31.546	15.781	0.0	27.774	14.193	0.0	211.655	13.809	0.0	67.846	13.411	0.0	2.094	0.0	0.0	2.021	0.0	0.0	2.284	0.0	0.0	2.371	0.0
37	4567	4568	SN	1	0.0	31.309	15.793	0.0	27.774	14.205	0.0	212.173	13.802	0.0	67.691	13.411	0.0	2.095	0.0	0.0	2.055	0.0	0.0	2.284	0.0	0.0	2.371	0.0
38	4567	4568	SN	1	0.0	24.74	9.57	0.0	28.308	9.956	0.0	287.897	4.083	0.0	70.371	4.083	0.0	2.112	0.0	0.0	2.223	0.0	0.0	2.287	0.0	0.0	2.39	0.0
39	4568	4569	SN	1	0.0	29.18	15.707	0.0	28.441	14.221	0.0	221.675	13.776	0.0	58.095	13.525	0.0	2.092	0.0	0.0	2.076	0.0	0.0	2.277	0.0	0.0	2.362	0.0
40	4568	4569	SN	1	0.0	24.724	9.553	0.0	28.314	9.994	0.0	208.125	4.076	0.0	145.555	4.109	0.0	2.114	0.0	0.0	2.234	0.0	0.0	2.306	0.0	0.0	2.378	0.0
41	4568	4569	SN	1	0.0	24.724	9.614	0.0	28.314	9.909	0.0	208.125	4.168	0.0	15.519	3.936	0.0	2.114	0.0	0.0	2.234	0.0	0.0	2.306	0.0	0.0	2.378	0.0
42	4568	4569	NS	1	0.0	27.266	15.021	0.0	31.91	14.194	0.0	353.371	10.321	0.0	43.116	9.865	0.0	1.909	0.0	0.0	1.867	0.0	0.0	2.032	0.0	0.0	2.006	0.0
43	4568	4569	NS	1	0.0	27.277	15.001	0.0	31.91	14.204	0.0	351.386	10.328	0.0	43.116	9.872	0.0	1.909	0.0	0.0	1.867	0.0	0.0	2.032	0.0	0.0	2.006	0.0
44	4568	4569	NS	1	0.0	27.266	15.021	0.0	31.91	14.184	0.0	353.354	10.328	0.0	43.116	9.872	0.0	1.909	0.0	0.0	1.867	0.0	0.0	2.032	0.0	0.0	2.006	0.0
45	4568	4569	SN	1	0.0	30.994	15.743	0.0	28.441	14.199	0.0	221.675	13.776	0.0	58.095	13.405	0.0	2.092	0.0	0.0	2.076	0.0	0.0	2.277	0.0	0.0	2.362	0.0
46	4568	4569	NS	1	0.0	27.106	8.081	0.0	25.766	8.299	0.0	318.555	2.083	0.0	38.793	1.617	0.0	1.9	0.0	0.0	1.858	0.0	0.0	2.027	0.0	0.0	2.006	0.0
47	4568	4569	NS	1	0.0	27.106	8.084	0.0	25.766	8.294	0.0	332.601	2.085	0.0	38.793	1.621	0.0	1.9	0.0	0.0	1.858	0.0	0.0	2.027	0.0	0.0	2.006	0.0
48	4568	4569	SN	1	0.0	24.724	9.56	0.0	28.314	9.94	0.0	208.125	4.076	0.0	145.555	4.063	0.0	2.114	0.0	0.0	2.234	0.0	0.0	2.306	0.0	0.0	2.378	0.0
49	4568	4569	NS	1	0.0	27.106	8.081	0.0	25.766	8.297	0.0	332.53	2.079	0.0	38.793	1.617	0.0	1.9	0.0	0.0	1.858	0.0	0.0	2.027	0.0	0.0	2.006	0.0
50	4568	4569	SN	1	0.0	30.994	15.742	0.0	27.283	13.962	0.0	221.675	14.055	0.0	15.696	12.897	0.0	2.092	0.0	0.0	2.076	0.0	0.0	2.277	0.0	0.0	2.362	0.0
51	4569	4570	SN	1	0.0	29.229	15.719	0.0	28.43	14.201	0.0	141.868	13.855	0.0	64.774	13.461	0.0	2.098	0.0	0.0	2.055	0.0	0.0	2.276	0.0	0.0	2.368	0.0
52	4569	4570	SN	1	0.0	24.74	9.549	0.0	28.308	9.967	0.0	272.926	4.089	0.0	153.331	4.056	0.0	2.106	0.0	0.0	2.192	0.0	0.0	2.303	0.0	0.0	2.387	0.0
53	4569	4570	SN	1	0.0	24.74	9.555	0.0	28.308	9.913	0.0	272.926	4.089	0.0	153.331	4.012	0.0	2.106	0.0	0.0	2.192	0.0	0.0	2.303	0.0	0.0	2.387	0.0
54	4569	4570	NS	1	0.0	27.616	8.118	0.0	25.766	8.279	0.0	356.25	2.041	0.0	34.132	1.636	0.0	1.898	0.0	0.0	1.862	0.0	0.0	2.022	0.0	0.0	2.006	0.0
55	4569	4570	SN	1	0.0	31.138	15.767	0.0	27.161	13.835	0.0	141.868	14.256	0.0	15.69	12.694	0.0	2.098	0.0	0.0	2.055	0.0	0.0	2.276	0.0	0.0	2.368	0.0
56	4569	4570	NS	1	0.0	27.272	14.971	0.0	31.926	14.205	0.0	356.603	10.348	0.0	43.938	9.864	0.0	1.908	0.0	0.0	1.871	0.0	0.0	2.032	0.0	0.0	2.005	0.0
57	4569	4570	NS	1	0.0	26.908	8.115	0.0	25.766	8.287	0.0	351.082	2.043	0.0	41.578	1.624	0.0	1.898	0.0	0.0	1.86	0.0	0.0	2.022	0.0	0.0	2.007	0.0
58	4569	4570	SN	1	0.0	31.138	15.755	0.0	28.43	14.179	0.0	141.868	13.856	0.0	64.774	13.34	0.0	2.098	0.0	0.0	2.055	0.0	0.0	2.276	0.0	0.0	2.368	0.0
59	4569	4570	SN	1	0.0	24.74	9.643	0.0	28.308	9.871	0.0	272.926	4.235	0.0	15.53	3.877	0.0	2.106	0.0	0.0	2.192	0.0	0.0	2.303	0.0	0.0	2.387	0.0
60	4569	4570	NS	1	0.0	27.255	14.968	0.0	31.623	14.281	0.0	352.114	10.316	0.0	41.765	9.919	0.0	1.908	0.0	0.0	1.871	0.0	0.0	2.032	0.0	0.0	2.006	0.0
61	4570	4571	SN	1	0.0	31.094	15.889	0.0	27.079	13.669	0.0	95.398	14.338	0.0	15.701	12.614	0.0	2.09	0.0	0.0	2.047	0.0	0.0	2.285	0.0	0.0	2.375	0.0
62	4570	4571	SN	1	0.0	24.735	9.559	0.0	28.303	9.882	0.0	201.576	4.066	0.0	71.132	3.972	0.0	2.107	0.0	0.0	2.252	0.0	0.0	2.298	0.0	0.0	2.368	0.0
63	4570	4571	NS	1	0.0	27.272	15.001	0.0	31.943	14.227	0.0	352.069	10.32	0.0	50.788	9.935	0.0	1.91	0.0	0.0	1.872	0.0	0.0	2.032	0.0	0.0	2.006	0.0
64	4570	4571	NS	1	0.0	27.261	14.949	0.0	31.656	14.323	0.0	352.351	10.288	0.0	48.46	9.947	0.0	1.91	0.0	0.0	1.872	0.0	0.0	2.032	0.0	0.0	2.006	0.0
65	4570	4571	SN	1	0.0	29.158	15.735	0.0	27.763	14.16	0.0	95.398	13.821	0.0	67.145	13.497	0.0	2.09	0.0	0.0	2.047	0.0	0.0	2.285	0.0	0.0	2.375	0.0
66	4570	4571	SN	1	0.0	31.094	15.771	0.0	27.762	14.169	0.0	95.398	13.821	0.0	61.365	13.382	0.0	2.09	0.0	0.0	2.047	0.0	0.0	2.285	0.0	0.0	2.375	0.0
67	4570	4571	SN	1	0.0	24.735	9.706	0.0	28.303	9.849	0.0	201.576	4.283	0.0	15.552	3.834	0.0	2.107	0.0	0.0	2.252	0.0	0.0	2.298	0.0	0.0	2.368	0.0
68	4570	4571	NS	1	0.0	26.88	8.155	0.0	25.766	8.298	0.0	356.31	2.034	0.0	42.416	1.653	0.0	1.899	0.0	0.0	1.86	0.0	0.0	2.022	0.0	0.0	2.006	0.0

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

69	4570	4571	NS	1	0.0	27.661	8.137	0.0	25.772	8.286	0.0	351.341	2.032	0.0	34.899	1.65	0.0	1.898	0.0	0.0	1.861	0.0	0.0	2.024	0.0	0.0	2.006	0.0
70	4570	4571	SN	1	0.0	24.735	9.554	0.0	28.303	9.938	0.0	201.576	4.064	0.0	71.292	4.017	0.0	2.107	0.0	0.0	2.252	0.0	0.0	2.298	0.0	0.0	2.368	0.0
71	4571	4572	SN	1	0.0	24.718	9.553	0.0	28.314	9.889	0.0	321.654	4.024	0.0	150.215	3.947	0.0	2.106	0.0	0.0	2.242	0.0	0.0	2.284	0.0	0.0	2.368	0.0
72	4571	4572	SN	1	0.0	31.182	15.744	0.0	27.762	14.239	0.0	161.556	13.783	0.0	62.496	13.444	0.0	2.077	0.0	0.0	2.052	0.0	0.0	2.291	0.0	0.0	2.354	0.0
73	4571	4572	NS	1	0.0	27.655	8.164	0.0	25.777	8.278	0.0	351.529	2.04	0.0	35.721	1.657	0.0	1.899	0.0	0.0	1.861	0.0	0.0	2.025	0.0	0.0	2.006	0.0
74	4571	4572	NS	1	0.0	27.661	8.15	0.0	25.777	8.294	0.0	351.523	2.03	0.0	35.654	1.657	0.0	1.901	0.0	0.0	1.86	0.0	0.0	2.025	0.0	0.0	2.006	0.0
75	4571	4572	SN	1	0.0	29.213	15.719	0.0	27.762	14.283	0.0	161.556	13.783	0.0	62.496	13.564	0.0	2.077	0.0	0.0	2.052	0.0	0.0	2.291	0.0	0.0	2.354	0.0
76	4571	4572	SN	1	0.0	24.718	9.547	0.0	28.314	9.935	0.0	321.654	4.023	0.0	150.215	3.99	0.0	2.106	0.0	0.0	2.242	0.0	0.0	2.284	0.0	0.0	2.368	0.0
77	4571	4572	NS	1	0.0	27.266	14.913	0.0	36.46	14.353	0.0	356.415	10.231	0.0	49.326	10.061	0.0	1.91	0.0	0.0	1.867	0.0	0.0	2.032	0.0	0.0	2.006	0.0
78	4571	4572	NS	1	0.0	27.266	14.982	0.0	31.711	14.343	0.0	356.415	10.245	0.0	49.398	10.011	0.0	1.908	0.0	0.0	1.869	0.0	0.0	2.032	0.0	0.0	2.005	0.0
79	4571	4572	SN	1	0.0	31.182	15.977	0.0	25.507	13.555	0.0	161.556	14.47	0.0	15.707	12.563	0.0	2.077	0.0	0.0	2.052	0.0	0.0	2.291	0.0	0.0	2.354	0.0
80	4571	4572	SN	1	0.0	24.718	9.767	0.0	28.314	9.883	0.0	321.654	4.335	0.0	15.525	3.817	0.0	2.106	0.0	0.0	2.242	0.0	0.0	2.284	0.0	0.0	2.368	0.0
81	4572	4573	NS	1	0.0	27.261	14.944	0.0	35.925	14.302	0.0	350.889	10.211	0.0	58.762	9.946	0.0	1.908	0.0	0.0	1.868	0.0	0.0	2.032	0.0	0.0	2.007	0.0
82	4572	4573	NS	1	0.0	27.261	14.944	0.0	35.925	14.302	0.0	350.889	10.211	0.0	58.762	9.946	0.0	1.908	0.0	0.0	1.868	0.0	0.0	2.032	0.0	0.0	2.007	0.0
83	4572	4573	NS	1	0.0	26.891	8.157	0.0	25.783	8.296	0.0	351.672	1.992	0.0	40.673	1.653	0.0	1.898	0.0	0.0	1.862	0.0	0.0	2.023	0.0	0.0	2.006	0.0
84	4572	4573	SN	1	0.0	31.204	15.72	0.0	27.818	14.247	0.0	349.77	13.816	0.0	63.241	13.508	0.0	2.097	0.0	0.0	2.06	0.0	0.0	2.284	0.0	0.0	2.414	0.0
85	4572	4573	NS	1	0.0	26.891	8.157	0.0	25.783	8.296	0.0	351.672	1.992	0.0	40.673	1.653	0.0	1.898	0.0	0.0	1.862	0.0	0.0	2.023	0.0	0.0	2.006	0.0
86	4572	4573	SN	1	0.0	24.729	9.54	0.0	28.308	9.845	0.0	200.823	4.027	0.0	70.007	3.916	0.0	2.123	0.0	0.0	2.259	0.0	0.0	2.307	0.0	0.0	2.39	0.0
87	4573	4574	SN	1	0.0	24.746	9.551	0.0	28.32	9.864	0.0	192.336	4.01	0.0	70.928	3.923	0.0	2.107	0.0	0.0	2.244	0.0	0.0	2.3	0.0	0.0	2.417	0.0
88	4573	4574	SN	1	0.0	31.121	15.69	0.0	28.419	14.228	0.0	349.874	13.852	0.0	63.246	13.522	0.0	2.09	0.0	0.0	2.067	0.0	0.0	2.278	0.0	0.0	2.415	0.0
89	4573	4574	NS	1	0.0	27.288	15.011	0.0	31.777	14.225	0.0	354.684	10.221	0.0	55.79	9.834	0.0	1.908	0.0	0.0	1.867	0.0	0.0	2.031	0.0	0.0	2.006	0.0
90	4573	4574	NS	1	0.0	27.674	8.126	0.0	25.766	8.281	0.0	352.483	1.997	0.0	39.195	1.645	0.0	1.9	0.0	0.0	1.861	0.0	0.0	2.021	0.0	0.0	2.006	0.0
91	4573	4574	NS	1	0.0	27.674	8.126	0.0	25.766	8.281	0.0	352.483	1.997	0.0	39.195	1.645	0.0	1.9	0.0	0.0	1.861	0.0	0.0	2.021	0.0	0.0	2.006	0.0
92	4573	4574	NS	1	0.0	27.288	15.011	0.0	31.777	14.225	0.0	354.684	10.221	0.0	55.79	9.834	0.0	1.908	0.0	0.0	1.867	0.0	0.0	2.031	0.0	0.0	2.006	0.0
93	4574	4575	NS	1	0.0	26.875	8.167	0.0	25.772	8.281	0.0	352.687	1.992	0.0	39.493	1.638	0.0	1.897	0.0	0.0	1.861	0.0	0.0	2.023	0.0	0.0	2.006	0.0
94	4574	4575	NS	1	0.0	27.283	15.013	0.0	31.75	14.254	0.0	354.866	10.243	0.0	56.275	9.891	0.0	1.908	0.0	0.0	1.868	0.0	0.0	2.03	0.0	0.0	2.006	0.0
95	4574	4575	SN	1	0.0	31.171	15.733	0.0	28.419	14.147	0.0	168.693	13.803	0.0	64.228	13.564	0.0	2.085	0.0	0.0	2.054	0.0	0.0	2.273	0.0	0.0	2.406	0.0
96	4574	4575	SN	1	0.0	24.729	9.573	0.0	28.336	9.878	0.0	260.953	4.028	0.0	70.973	3.923	0.0	2.091	0.0	0.0	2.27	0.0	0.0	2.277	0.0	0.0	2.373	0.0
97	4575	4576	SN	1	0.0	31.242	15.745	0.0	28.474	14.098	0.0	151.089	13.836	0.0	61.211	13.508	0.0	2.132	0.0	0.0	2.131	0.0	0.0	2.308	0.0	0.0	2.433	0.0
98	4575	4576	NS	1	0.0	27.404	8.231	0.0	25.772	8.265	0.0	352.886	2.024	0.0	11.565	1.562	0.0	1.899	0.0	0.0	1.861	0.0	0.0	2.025	0.0	0.0	2.007	0.0
99	4575	4576	SN	1	0.0	24.735	9.567	0.0	28.325	9.874	0.0	275.596	4.036	0.0	67.928	3.91	0.0	2.136	0.0	0.0	2.288	0.0	0.0	2.327	0.0	0.0	2.448	0.0
100	4575	4576	NS	1	0.0	27.404	8.174	0.0	25.772	8.303	0.0	352.886	1.982	0.0	40.122	1.672	0.0	1.899	0.0	0.0	1.861	0.0	0.0	2.025	0.0	0.0	2.007	0.0
101	4575	4576	NS	1	0.0	27.288	14.944	0.0	31.766	14.337	0.0	351.336	10.246	0.0	57.67	10.028	0.0	1.908	0.0	0.0	1.871	0.0	0.0	2.032	0.0	0.0	2.006	0.0
102	4575	4576	NS	1	0.0	27.288	15.053	0.0	30.994	14.048	0.0	351.336	10.399	0.0	15.883	9.634	0.0	1.908	0.0	0.0	1.871	0.0	0.0	2.032	0.0	0.0	2.006	0.0
103	4576	4577	SN	1	0.0	24.729	9.56	0.0	28.325	9.849	0.0	211.875	4.034	0.0	69.362	3.915	0.0	2.106	0.0	0.0	2.25	0.0	0.0	2.299	0.0	0.0	2.396	0.0
104	4576	4577	NS	1	0.0	206.512	14.982	0.0	31.783	14.369	0.0	333.451	10.209	0.0	58.746	10.056	0.0	1.909	0.0	0.0	1.871	0.0	0.0	2.031	0.0	0.0	2.006	0.0
105	4576	4577	SN	1	0.0	31.226	15.776	0.0	28.474	14.128	0.0	155.529	13.836	0.0	62.557	13.528	0.0	2.095	0.0	0.0	2.08	0.0	0.0	2.284	0.0	0.0	2.402	0.0

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

180	4586	4587	SN	1	0.0	31.331	15.697	0.0	28.551	14.052	0.0	350.227	13.806	0.0	62.606	13.566	0.0	1.899	0.0	0.0	1.933	0.0	0.0	2.06	0.0	0.0	2.089	0.0
181	4586	4587	NS	1	0.0	27.294	15.006	0.0	31.783	14.3	0.0	356.73	10.142	0.0	57.4	10.021	0.0	1.91	0.0	0.0	1.871	0.0	0.0	2.03	0.0	0.0	2.006	0.0
182	4586	4587	NS	1	0.0	26.955	8.182	0.0	25.777	8.303	0.0	356.658	1.91	0.0	53.043	1.664	0.0	1.899	0.0	0.0	1.862	0.0	0.0	2.022	0.0	0.0	2.006	0.0
183	4587	4588	NS	1	0.0	26.864	8.175	0.0	25.772	8.26	0.0	354.386	1.883	0.0	40.822	1.632	0.0	1.898	0.0	0.0	1.861	0.0	0.0	2.026	0.0	0.0	2.006	0.0
184	4587	4588	SN	1	0.0	31.424	15.707	0.0	28.546	14.082	0.0	350.338	13.815	0.0	63.356	13.593	0.0	1.899	0.0	0.0	1.963	0.0	0.0	2.064	0.0	0.0	2.084	0.0
185	4587	4588	NS	1	0.0	27.283	14.965	0.0	31.766	14.381	0.0	353.945	10.145	0.0	58.635	9.999	0.0	1.906	0.0	0.0	1.872	0.0	0.0	2.031	0.0	0.0	2.006	0.0
186	4587	4588	SN	1	0.0	24.729	9.57	0.0	27.611	9.871	0.0	193.306	3.862	0.0	70.973	3.935	0.0	1.892	0.0	0.0	1.951	0.0	0.0	2.058	0.0	0.0	2.1	0.0
187	4588	4589	NS	1	0.0	27.277	14.957	0.0	31.75	14.382	0.0	353.989	10.046	0.0	58.994	10.021	0.0	1.907	0.0	0.0	1.873	0.0	0.0	2.03	0.0	0.0	2.005	0.0
188	4588	4589	SN	1	0.0	31.353	15.729	0.0	28.606	14.062	0.0	164.242	13.872	0.0	64.062	13.592	0.0	1.897	0.0	0.0	1.962	0.0	0.0	2.063	0.0	0.0	2.083	0.0
189	4588	4589	NS	1	0.0	26.88	8.164	0.0	25.777	8.244	0.0	354.452	1.876	0.0	41.037	1.63	0.0	1.897	0.0	0.0	1.863	0.0	0.0	2.021	0.0	0.0	2.006	0.0
190	4588	4589	SN	1	0.0	24.724	9.595	0.0	27.661	9.856	0.0	209.217	3.878	0.0	75.032	3.927	0.0	1.893	0.0	0.0	1.952	0.0	0.0	2.057	0.0	0.0	2.098	0.0
191	4589	4590	SN	1	0.0	31.265	15.766	0.0	218.441	14.148	0.0	166.608	13.804	0.0	61.873	13.676	0.0	1.903	0.0	0.0	1.926	0.0	0.0	2.064	0.0	0.0	2.099	0.0
192	4589	4590	NS	1	0.0	26.847	8.181	0.0	25.783	8.266	0.0	354.595	1.888	0.0	57.643	1.642	0.0	1.899	0.0	0.0	1.862	0.0	0.0	2.028	0.0	0.0	2.006	0.0
193	4589	4590	NS	1	0.0	26.847	8.203	0.0	25.783	8.251	0.0	354.595	1.904	0.0	13.743	1.59	0.0	1.899	0.0	0.0	1.862	0.0	0.0	2.028	0.0	0.0	2.006	0.0
194	4589	4590	NS	1	0.0	27.294	14.957	0.0	34.656	14.372	0.0	353.878	9.989	0.0	59.044	10.128	0.0	1.907	0.0	0.0	1.872	0.0	0.0	2.031	0.0	0.0	2.004	0.0
195	4589	4590	SN	1	0.0	24.735	9.586	0.0	104.584	9.873	0.0	218.708	3.875	0.0	70.118	3.989	0.0	1.892	0.0	0.0	1.957	0.0	0.0	2.06	0.0	0.0	2.116	0.0
196	4589	4590	NS	1	0.0	27.294	14.995	0.0	30.994	14.252	0.0	353.878	10.051	0.0	21.045	9.983	0.0	1.907	0.0	0.0	1.872	0.0	0.0	2.031	0.0	0.0	2.004	0.0
197	4590	4591	SN	1	0.0	24.724	9.595	0.0	102.951	9.887	0.0	219.982	3.864	0.0	73.041	3.952	0.0	1.896	0.0	0.0	1.949	0.0	0.0	2.062	0.0	0.0	2.089	0.0
198	4590	4591	NS	1	0.0	27.277	15.004	0.0	31.772	14.345	0.0	329.144	9.999	0.0	40.127	10.08	0.0	1.906	0.0	0.0	1.874	0.0	0.0	2.03	0.0	0.0	2.006	0.0
199	4590	4591	SN	1	0.0	31.022	15.767	0.0	210.444	14.127	0.0	144.835	13.788	0.0	62.849	13.661	0.0	1.904	0.0	0.0	1.927	0.0	0.0	2.063	0.0	0.0	2.111	0.0
200	4590	4591	NS	1	0.0	26.875	8.207	0.0	25.777	8.284	0.0	354.739	1.847	0.0	26.919	1.646	0.0	1.898	0.0	0.0	1.863	0.0	0.0	2.028	0.0	0.0	2.005	0.0
201	4591	4592	SN	1	0.0	31.038	15.757	0.0	27.851	14.127	0.0	161.766	13.788	0.0	64.244	13.64	0.0	1.897	0.0	0.0	1.938	0.0	0.0	2.065	0.0	0.0	2.109	0.0
202	4591	4592	NS	1	0.0	27.288	15.282	0.0	31.011	13.904	0.0	331.19	10.38	0.0	13.407	9.564	0.0	1.908	0.0	0.0	1.873	0.0	0.0	2.031	0.0	0.0	2.006	0.0
203	4591	4592	NS	1	0.0	27.288	15.034	0.0	31.8	14.365	0.0	331.19	10.084	0.0	41.274	10.144	0.0	1.908	0.0	0.0	1.873	0.0	0.0	2.031	0.0	0.0	2.006	0.0
204	4591	4592	SN	1	0.0	24.735	9.595	0.0	170.847	9.884	0.0	213.541	3.862	0.0	65.777	3.964	0.0	1.894	0.0	0.0	1.948	0.0	0.0	2.061	0.0	0.0	2.096	0.0
205	4591	4592	NS	1	0.0	26.841	8.311	0.0	25.777	8.287	0.0	343.152	1.943	0.0	11.615	1.582	0.0	1.898	0.0	0.0	1.862	0.0	0.0	2.023	0.0	0.0	2.006	0.0
206	4591	4592	NS	1	0.0	26.841	8.18	0.0	25.777	8.318	0.0	343.152	1.868	0.0	27.387	1.675	0.0	1.898	0.0	0.0	1.862	0.0	0.0	2.023	0.0	0.0	2.006	0.0
207	4592	4593	NS	1	0.0	26.836	8.759	0.0	25.794	8.408	0.0	323.088	2.172	0.0	11.598	1.735	0.0	1.898	0.0	0.0	1.863	0.0	0.0	2.022	0.0	0.0	2.006	0.0
208	4592	4593	NS	1	0.0	27.288	15.719	0.0	31.011	13.678	0.0	345.104	11.376	0.0	12.701	9.347	0.0	1.91	0.0	0.0	1.873	0.0	0.0	2.032	0.0	0.0	2.006	0.0

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