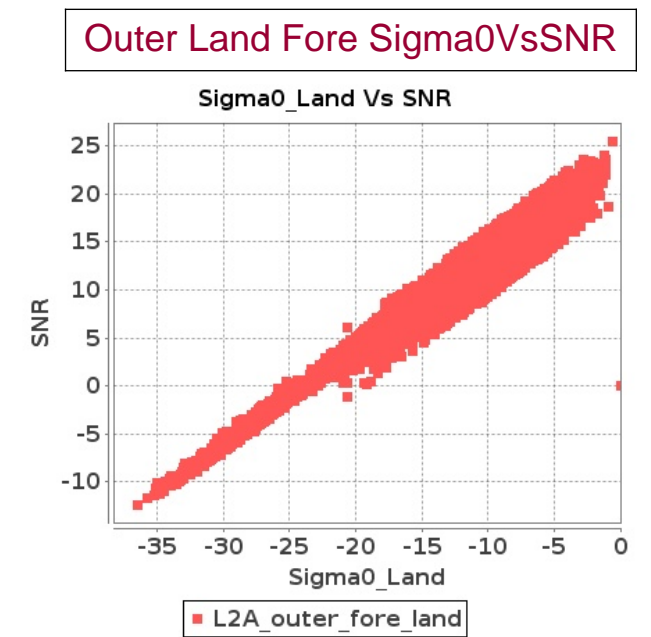
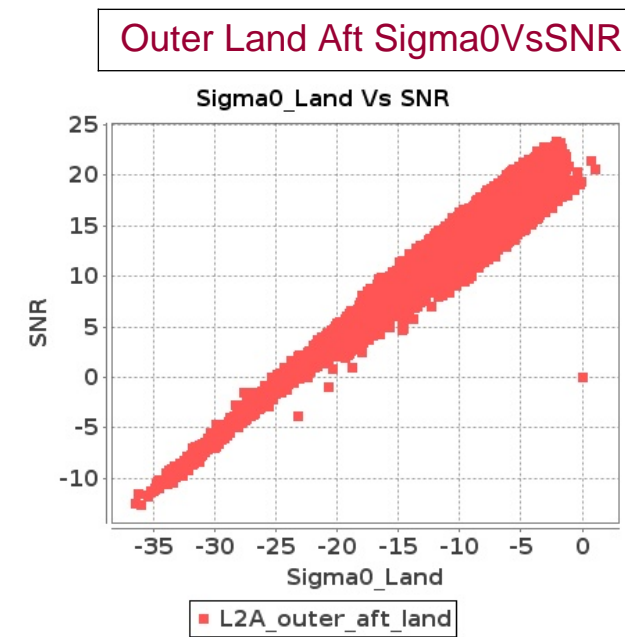
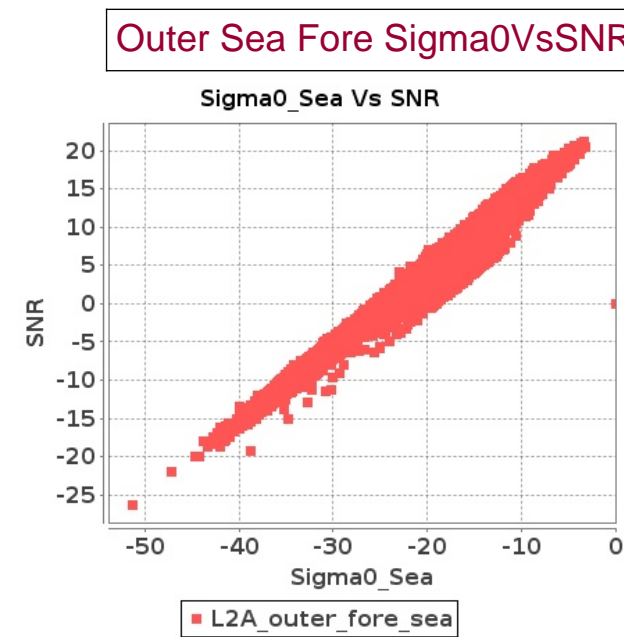
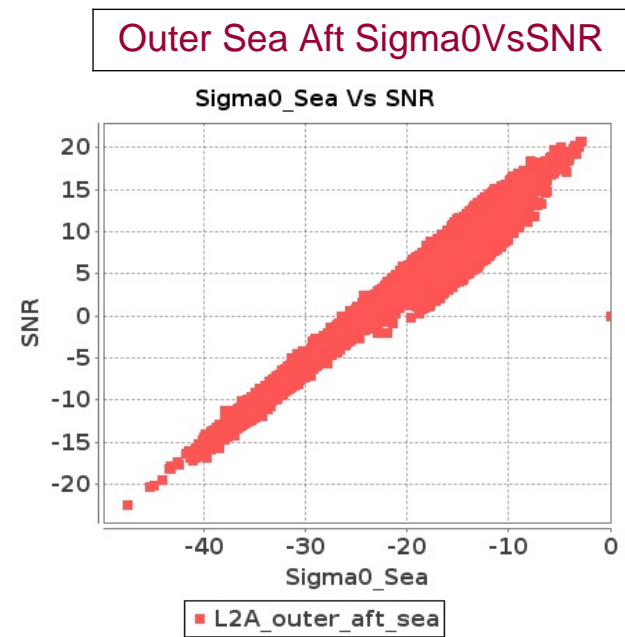
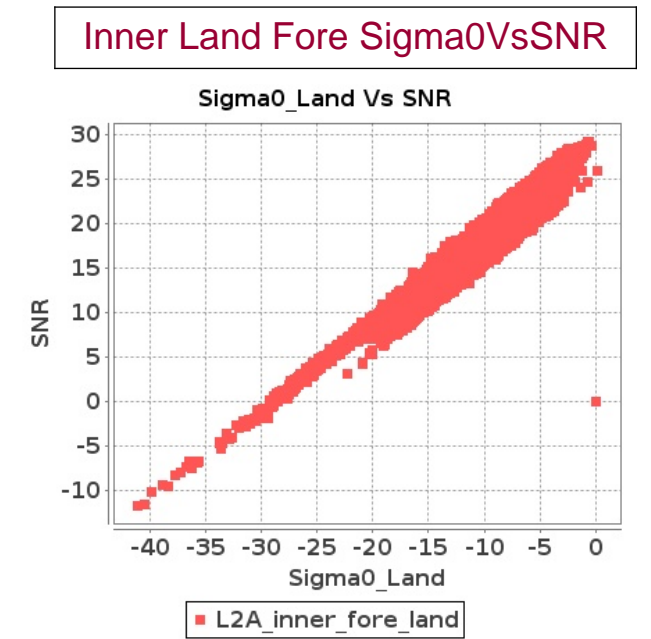
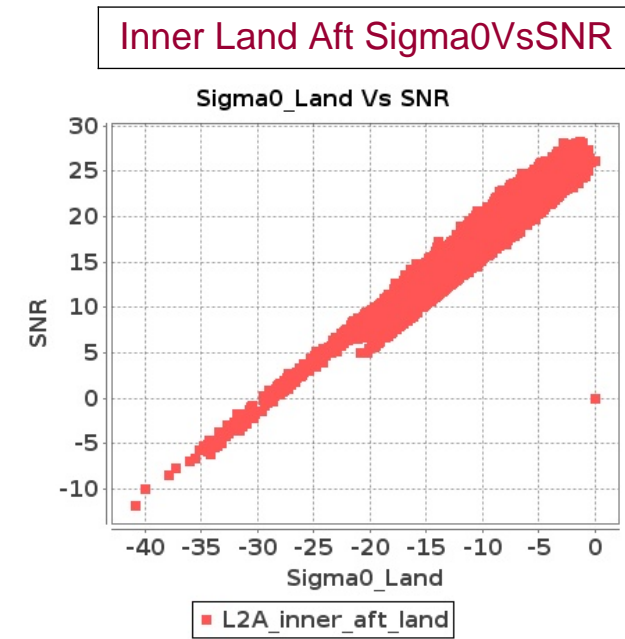
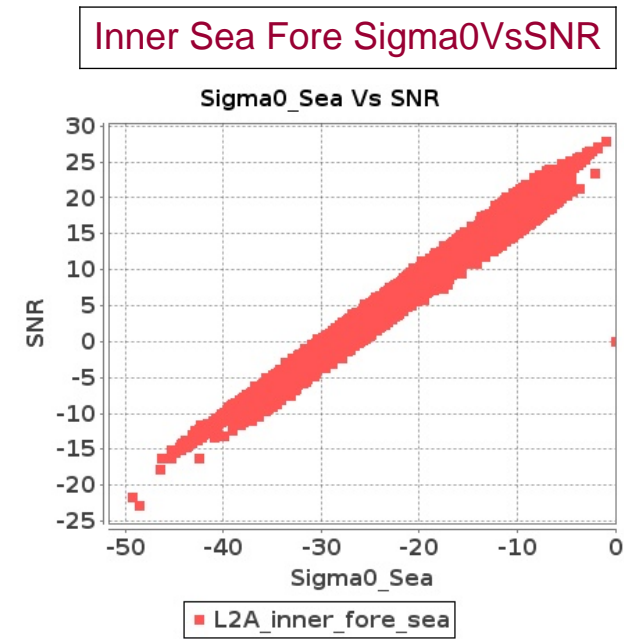
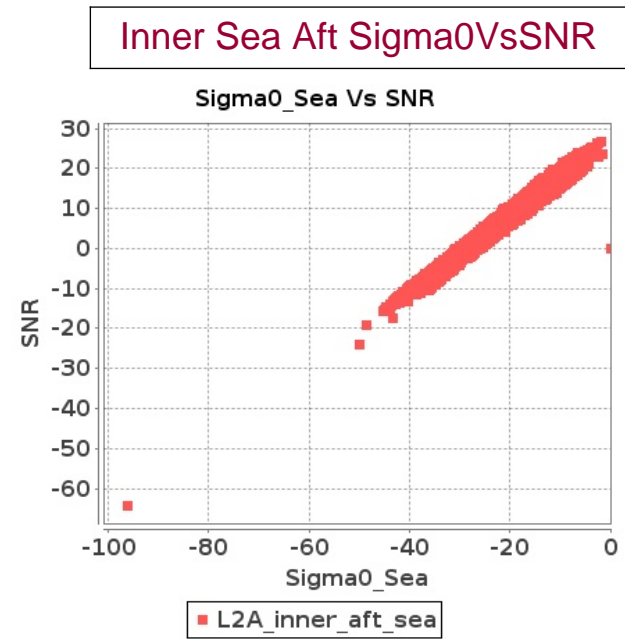


SCATSAT-1 Scatterometer Level-2A Data Quality Cycle wise Report

Report between 11-FEB-2017 To 12-FEB-2017



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

Report between 11-FEB-2017 To 12-FEB-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	1999	2000	SN	1	0.0	39.353	0.956	0.0	36.672	1.027	0.0	42.751	0.93	0.0	44.998	1.187	0.0	41.155	0.962	0.0	38.254	0.819	0.0	39.741	0.908	0.0	43.602	0.816
2	1999	2000	NS	1	0.0	51.198	1.803	0.0	46.588	1.758	0.0	41.904	1.365	0.0	49.92	1.952	0.0	54.795	1.689	0.0	48.568	1.476	0.0	41.123	1.172	0.0	46.702	1.043
3	1999	2000	NS	1	0.0	53.317	5.907	0.0	51.466	6.526	0.0	49.561	4.699	0.0	51.486	6.382	0.0	54.863	5.615	0.0	50.564	5.74	0.0	51.092	4.124	0.0	49.624	4.335
4	1999	2000	SN	1	0.0	52.873	3.863	0.0	47.454	4.028	0.0	42.327	3.176	0.0	44.306	4.075	0.0	49.199	3.813	0.0	48.309	3.396	0.0	39.107	3.112	0.0	42.22	2.99
5	2000	2001	NS	1	0.0	54.065	4.211	0.0	57.112	5.583	0.0	48.118	4.034	0.0	49.012	6.352	0.0	56.691	4.195	0.0	58.602	4.697	0.0	47.173	3.793	0.0	48.278	4.064
6	2000	2001	SN	1	0.0	48.744	5.37	0.0	44.812	6.401	0.0	44.083	4.539	0.0	45.646	6.405	0.0	51.114	5.511	0.0	45.969	5.985	0.0	45.553	4.845	0.0	41.906	5.27
7	2000	2001	NS	1	0.0	43.568	1.473	0.0	50.695	1.733	0.0	40.169	1.301	0.0	42.185	2.149	0.0	41.215	1.38	0.0	49.435	1.402	0.0	39.313	1.263	0.0	41.464	1.267
8	2000	2001	SN	1	0.0	45.117	1.744	0.0	40.29	2.043	0.0	36.973	1.41	0.0	40.043	2.074	0.0	44.464	1.703	0.0	38.335	1.861	0.0	41.652	1.534	0.0	37.842	1.631
9	2001	2002	NS	1	0.0	55.328	5.256	0.0	49.625	6.912	0.0	47.397	4.936	0.0	49.222	7.575	0.0	55.556	5.081	0.0	51.14	6.043	0.0	47.139	5.17	0.0	44.516	5.528
10	2001	2002	SN	1	0.0	43.034	5.486	0.0	43.27	5.943	0.0	50.081	4.958	0.0	44.164	7.24	0.0	43.1	5.784	0.0	43.772	5.477	0.0	45.72	5.79	0.0	40.338	5.962
11	2001	2002	SN	1	0.0	39.829	1.667	0.0	41.757	1.999	0.0	37.311	1.701	0.0	41.783	2.562	0.0	42.472	1.703	0.0	37.968	1.738	0.0	37.808	1.818	0.0	37.805	1.884
12	2001	2002	NS	1	0.0	47.374	1.591	0.0	43.649	2.296	0.0	37.558	1.66	0.0	44.345	2.698	0.0	48.425	1.632	0.0	41.68	1.921	0.0	35.397	1.683	0.0	37.95	1.919
13	2002	2003	NS	1	0.0	44.382	2.567	0.0	42.611	3.09	0.0	37.315	2.414	0.0	42.482	3.364	0.0	46.123	2.609	0.0	42.974	2.667	0.0	38.326	2.543	0.0	38.924	2.593
14	2002	2003	NS	1	0.0	60.935	7.929	0.0	52.836	10.154	0.0	45.723	7.436	0.0	44.56	9.734	0.0	59.479	8.029	0.0	55.022	9.343	0.0	45.636	8.033	0.0	41.409	7.965
15	2002	2003	SN	1	0.0	44.575	5.726	0.0	55.771	6.318	0.0	45.513	4.845	0.0	43.817	6.868	0.0	45.637	5.536	0.0	54.69	5.269	0.0	49.443	4.902	0.0	38.258	5.183
16	2002	2003	SN	1	0.0	41.658	1.724	0.0	38.496	1.905	0.0	45.103	1.701	0.0	43.975	2.756	0.0	39.507	1.596	0.0	37.816	1.53	0.0	43.972	1.626	0.0	37.56	1.738
17	2003	2004	NS	1	0.0	56.164	1.29	0.0	41.681	1.336	0.0	40.001	1.305	0.0	38.689	1.719	0.0	51.549	1.23	0.0	42.943	1.063	0.0	45.265	1.206	0.0	36.932	1.069
18	2003	2004	SN	1	0.0	43.848	5.621	0.0	45.08	6.285	0.0	39.957	4.662	0.0	42.73	6.747	0.0	43.769	5.613	0.0	43.288	5.32	0.0	40.495	4.662	0.0	38.089	5.076
19	2003	2004	NS	1	0.0	52.555	4.561	0.0	53.945	5.099	0.0	41.794	4.081	0.0	44.64	5.437	0.0	49.689	4.452	0.0	49.145	4.33	0.0	42.592	3.861	0.0	45.349	3.617
20	2003	2004	SN	1	0.0	38.468	1.991	0.0	41.701	2.23	0.0	37.843	1.693	0.0	39.24	2.756	0.0	37.319	1.87	0.0	38.538	1.698	0.0	35.928	1.623	0.0	35.086	1.823
21	2004	2005	NS	1	0.0	51.247	6.251	0.0	51.566	7.605	0.0	46.429	5.172	0.0	44.196	7.936	0.0	51.397	5.833	0.0	49.144	5.964	0.0	48.524	4.845	0.0	43.68	4.922
22	2004	2005	SN	1	0.0	41.698	1.446	0.0	45.214	1.759	0.0	46.992	1.593	0.0	42.024	2.397	0.0	40.596	1.367	0.0	42.629	1.46	0.0	42.01	1.578	0.0	38.374	1.67
23	2004	2005	SN	1	0.0	46.823	4.822	0.0	47.77	5.512	0.0	45.03	4.653	0.0	47.49	6.3	0.0	46.186	4.408	0.0	46.838	4.663	0.0	46.116	4.888	0.0	44.524	4.728
24	2004	2005	NS	1	0.0	47.949	1.855	0.0	48.044	2.192	0.0	45.098	1.591	0.0	42.077	2.786	0.0	48.129	1.66	0.0	43.744	1.656	0.0	47.467	1.45	0.0	38.554	1.471
25	2005	2006	NS	1	0.0	43.57	4.997	0.0	47.289	6.863	0.0	43.779	4.554	0.0	52.842	7.732	0.0	46.61	4.604	0.0	49.249	5.475	0.0	46.524	4.412	0.0	52.598	4.911
26	2005	2006	NS	1	0.0	48.955	1.536	0.0	56.218	2.104	0.0	43.106	1.403	0.0	42.646	2.601	0.0	46.647	1.407	0.0	53.498	1.632	0.0	40.068	1.4	0.0	43.123	1.438
27	2005	2006	SN	1	0.0	42.887	2.174	0.0	44.391	2.205	0.0	45.773	1.754	0.0	43.381	2.365	0.0	43.4	2.222	0.0	42.578	2.027	0.0	45.145	1.873	0.0	43.223	1.93
28	2005	2006	SN	1	0.0	51.433	7.14	0.0	51.622	8.134	0.0	49.618	5.761	0.0	46.65	7.164	0.0	50.203	7.289	0.0	51.197	7.576	0.0	50.747	6.244	0.0	45.586	6.164
29	2006	2007	SN	1	0.0	56.023	5.607	0.0	55.551	6.076	0.0	47.023	4.553	0.0	56.385	5.221	0.0	54.667	5.491	0.0	54.552	5.335	0.0	47.927	4.418	0.0	56.81	4.078
30	2006	2007	NS	1	0.0	44.343	3.76	0.0	44.583	5.174	0.0	43.896	3.688	0.0	46.158	6.226	0.0	43.815	3.652	0.0	47.226	3.904	0.0	44.747	3.474	0.0	39.237	3.937
31	2006	2007	SN	1	0.0	50.599	1.648	0.0	45.572	1.524	0.0	41.814	1.263	0.0	42.085	1.544	0.0	50.791	1.615	0.0	43.629	1.258	0.0	43.307	1.179	0.0	38.063	1.138

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

32	2006	2007	NS	1	0.0	47.827	1.134	0.0	39.828	1.581	0.0	38.491	1.171	0.0	40.086	2.113	0.0	44.767	1.045	0.0	39.452	1.147	0.0	36.259	1.184	0.0	38.557	1.181
33	2007	2008	SN	1	0.0	48.146	2.025	0.0	48.596	2.163	0.0	46.645	1.551	0.0	43.358	2.209	0.0	45.857	2.009	0.0	49.584	1.78	0.0	48.265	1.527	0.0	36.793	1.426
34	2007	2008	NS	1	0.0	46.107	1.513	0.0	52.315	1.852	0.0	37.877	1.225	0.0	41.701	2.355	0.0	47.513	1.369	0.0	49.48	1.477	0.0	39.107	1.131	0.0	41.49	1.294
35	2007	2008	NS	1	0.0	53.246	4.696	0.0	58.26	6.044	0.0	44.871	3.972	0.0	49.417	6.374	0.0	52.901	4.545	0.0	59.195	4.865	0.0	45.925	3.595	0.0	44.917	4.25
36	2007	2008	SN	1	0.0	52.81	6.501	0.0	54.034	7.091	0.0	44.383	5.268	0.0	48.613	6.135	0.0	53.32	6.195	0.0	55.416	6.267	0.0	43.866	5.197	0.0	47.25	4.621
37	2008	2009	SN	1	0.0	50.721	7.588	0.0	56.707	7.698	0.0	40.74	5.481	0.0	47.771	7.342	0.0	51.467	7.372	0.0	53.981	6.833	0.0	41.906	5.951	0.0	44.257	5.728
38	2008	2009	NS	1	0.0	46.792	2.072	0.0	46.552	2.267	0.0	42.465	1.802	0.0	45.016	2.586	0.0	45.848	2.038	0.0	43.629	1.892	0.0	44.482	1.91	0.0	37.766	1.787
39	2008	2009	SN	1	0.0	45.602	2.418	0.0	56.95	2.495	0.0	41.421	1.832	0.0	47.102	2.667	0.0	43.354	2.37	0.0	52.069	2.107	0.0	44.963	1.958	0.0	44.914	1.961
40	2008	2009	NS	1	0.0	53.823	6.457	0.0	51.097	7.492	0.0	46.651	5.532	0.0	44.804	7.415	0.0	50.996	6.524	0.0	48.857	6.681	0.0	47.708	5.78	0.0	43.053	5.574
41	2009	2010	NS	1	0.0	51.102	5.873	0.0	52.627	7.453	0.0	43.955	5.302	0.0	44.837	8.446	0.0	49.339	5.739	0.0	51.88	6.659	0.0	42.387	5.586	0.0	44.479	5.747
42	2009	2010	SN	1	0.0	50.966	7.303	0.0	49.154	7.813	0.0	44.687	5.551	0.0	44.566	6.978	0.0	52.792	7.585	0.0	47.084	7.048	0.0	45.411	5.58	0.0	40.041	5.144
43	2009	2010	NS	1	0.0	40.802	1.932	0.0	41.99	2.42	0.0	36.74	1.831	0.0	40.592	3.059	0.0	41.961	1.837	0.0	38.693	2.071	0.0	40.325	1.867	0.0	35.923	1.986
44	2009	2010	SN	1	0.0	42.659	2.152	0.0	49.136	2.107	0.0	39.17	1.599	0.0	39.311	2.191	0.0	44.752	2.106	0.0	46.493	1.86	0.0	39.431	1.626	0.0	38.042	1.575
45	2010	2011	SN	1	0.0	54.402	4.344	0.0	53.676	4.808	0.0	49.321	3.945	0.0	46.506	5.101	0.0	53.748	4.079	0.0	53.413	3.835	0.0	45.676	3.774	0.0	45.773	3.739
46	2010	2011	SN	1	0.0	46.668	1.236	0.0	43.443	1.23	0.0	41.453	1.137	0.0	42.388	1.47	0.0	52.823	1.108	0.0	43.759	0.993	0.0	43.544	1.09	0.0	39.584	1.021
47	2010	2011	NS	1	0.0	49.19	5.013	0.0	43.737	6.316	0.0	43.848	4.99	0.0	44.422	7.445	0.0	53.667	4.896	0.0	45.375	5.171	0.0	43.874	5.018	0.0	43.374	5.235
48	2010	2011	NS	1	0.0	41.303	1.695	0.0	49.099	2.213	0.0	37.066	1.678	0.0	41.237	3.011	0.0	45.412	1.562	0.0	45.165	1.753	0.0	37.84	1.685	0.0	41.466	1.849
49	2011	2012	SN	1	0.0	50.104	3.722	0.0	48.447	5.133	0.0	44.451	3.874	0.0	45.064	5.672	0.0	54.9	3.706	0.0	46.553	4.592	0.0	43.39	3.881	0.0	45.118	4.245
50	2011	2012	NS	1	0.0	46.801	3.884	0.0	47.354	6.056	0.0	45.131	3.734	0.0	44.693	7.466	0.0	41.916	3.709	0.0	47.584	4.962	0.0	43.231	3.876	0.0	41.13	4.568
51	2011	2012	NS	1	0.0	39.9	1.24	0.0	37.046	1.957	0.0	38.267	1.327	0.0	40.813	2.745	0.0	37.591	1.193	0.0	37.288	1.542	0.0	38.832	1.314	0.0	38.793	1.493
52	2011	2012	SN	1	0.0	43.57	1.163	0.0	46.342	1.682	0.0	40.055	1.292	0.0	43.113	2.084	0.0	43.843	1.142	0.0	43.385	1.431	0.0	39.635	1.201	0.0	39.934	1.372
53	2012	2013	NS	1	0.0	43.822	6.332	0.0	55.035	7.852	0.0	45.935	5.381	0.0	49.385	7.956	0.0	45.835	6.39	0.0	50.619	6.991	0.0	45.833	5.565	0.0	51.341	6.095
54	2012	2013	NS	1	0.0	43.514	1.935	0.0	43.758	2.471	0.0	39.563	1.855	0.0	41.508	2.809	0.0	42.463	1.882	0.0	42.595	2.041	0.0	39.408	1.858	0.0	36.243	1.976
55	2012	2013	SN	1	0.0	41.775	4.559	0.0	49.165	5.35	0.0	47.326	4.206	0.0	39.189	6.347	0.0	44.582	4.401	0.0	49.069	4.534	0.0	47.179	4.107	0.0	38.665	4.231
56	2012	2013	SN	1	0.0	39.096	1.409	0.0	41.474	1.795	0.0	37.014	1.448	0.0	41.474	2.484	0.0	42.176	1.317	0.0	41.257	1.407	0.0	35.797	1.44	0.0	36.233	1.451
57	2013	2014	SN	1	0.0	44.21	1.077	0.0	39.877	1.222	0.0	38.605	1.334	0.0	42.86	1.645	0.0	42.251	0.972	0.0	38.814	0.944	0.0	42.971	1.274	0.0	36.196	1.059
58	2013	2014	NS	1	0.0	51.592	4.226	0.0	49.533	4.934	0.0	49.425	3.294	0.0	46.733	5.267	0.0	54.714	4.276	0.0	48.381	4.366	0.0	47.608	3.528	0.0	45.102	3.483
59	2013	2014	NS	1	0.0	47.488	1.174	0.0	51.354	1.382	0.0	43.619	1.028	0.0	45.978	1.651	0.0	43.6	1.187	0.0	48.923	1.225	0.0	40.308	1.074	0.0	41.72	1.006
60	2013	2014	SN	1	0.0	46.09	4.002	0.0	50.545	4.235	0.0	36.984	3.837	0.0	39.201	4.575	0.0	50.747	3.587	0.0	46.501	3.411	0.0	39.453	3.737	0.0	38.756	2.997
61	2014	2015	SN	1	0.0	51.617	4.963	0.0	47.199	5.991	0.0	46.738	3.808	0.0	43.718	5.153	0.0	49.297	4.756	0.0	48.563	5.15	0.0	47.488	3.517	0.0	40.885	3.718
62	2014	2015	SN	1	0.0	41.345	1.459	0.0	45.48	1.586	0.0	36.911	1.15	0.0	40.07	1.652	0.0	40.186	1.386	0.0	44.385	1.259	0.0	37.892	1.086	0.0	37.53	1.116
63	2014	2015	NS	1	0.0	53.044	7.075	0.0	50.752	8.427	0.0	49.021	5.296	0.0	47.985	7.778	0.0	50.737	7.134	0.0	50.279	7.575	0.0	52.015	5.722	0.0	48.514	5.888
64	2014	2015	NS	1	0.0	50.731	1.998	0.0	50.663	2.338	0.0	49.338	1.669	0.0	40.078	2.467	0.0	47.529	2.047	0.0	48.322	2.09	0.0	43.003	1.835	0.0	38.817	1.659
65	2015	2016	NS	1	0.0	55.161	4.651	0.0	47.419	6.233	0.0	45.762	4.628	0.0	42.771	6.928	0.0	55.463	4.334	0.0	49.165	5.281	0.0	44.306	4.699	0.0	41.411	4.597
66	2015	2016	SN	1	0.0	51.515	1.802	0.0	43.516	2.06	0.0	37.341	1.474	0.0	38.109	2.395	0.0	49.637	1.881	0.0	42.521	1.856	0.0	38.91	1.572	0.0	38.228	1.694
67	2015	2016	SN	1	0.0	49.147	5.487	0.0	47.442	6.099	0.0	44.953	4.405	0.0	44.786	6.208	0.0	48.919	5.661	0.0	44.872	5.779	0.0	47.335	4.789	0.0	45.107	4.923

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

68	2015	2016	NS	1	0.0	49.957	1.442	0.0	41.378	2.04	0.0	41.775	1.573	0.0	40.811	2.381	0.0	49.326	1.379	0.0	44.752	1.654	0.0	42.5	1.518	0.0	39.565	1.44
69	2016	2017	SN	1	0.0	44.942	4.589	0.0	46.874	5.892	0.0	39.25	3.999	0.0	38.437	6.698	0.0	46.495	4.398	0.0	47.799	4.802	0.0	41.414	3.963	0.0	37.316	4.413
70	2016	2017	NS	1	0.0	47.753	2.286	0.0	42.47	2.975	0.0	40.072	2.245	0.0	40.774	3.192	0.0	50.883	2.407	0.0	41.581	2.835	0.0	41.966	2.504	0.0	42.599	2.546
71	2016	2017	SN	1	0.0	45.878	1.427	0.0	37.942	1.827	0.0	36.536	1.483	0.0	41.719	2.599	0.0	42.799	1.329	0.0	36.24	1.369	0.0	37.97	1.371	0.0	34.978	1.556
72	2016	2017	NS	1	0.0	54.184	7.507	0.0	51.691	8.713	0.0	47.372	6.159	0.0	43.819	8.938	0.0	55.201	7.758	0.0	50.65	8.479	0.0	44.082	7.182	0.0	41.392	7.716
73	2017	2018	SN	1	0.0	42.892	2.417	0.0	44.042	2.943	0.0	40.231	2.188	0.0	42.089	3.239	0.0	43.212	2.244	0.0	43.644	2.423	0.0	42.154	2.118	0.0	39.452	2.251
74	2017	2018	SN	1	0.0	42.589	7.418	0.0	49.386	8.646	0.0	40.859	6.503	0.0	42.476	8.79	0.0	44.129	7.061	0.0	49.127	7.614	0.0	42.782	6.496	0.0	36.714	6.333
75	2017	2018	NS	1	0.0	47.564	1.528	0.0	40.459	1.717	0.0	45.749	1.511	0.0	44.02	2.138	0.0	44.856	1.555	0.0	41.503	1.463	0.0	43.003	1.568	0.0	39.424	1.557
76	2017	2018	NS	1	0.0	47.598	5.428	0.0	51.167	6.501	0.0	43.35	4.715	0.0	45.4	6.829	0.0	49.478	5.269	0.0	52.134	5.557	0.0	48.364	4.835	0.0	44.244	5.28
77	2018	2019	SN	1	0.0	42.431	1.478	0.0	38.697	1.84	0.0	36.834	1.549	0.0	41.851	2.362	0.0	43.481	1.394	0.0	36.622	1.385	0.0	36.748	1.52	0.0	35.703	1.501
78	2018	2019	NS	1	0.0	54.883	5.928	0.0	53.489	6.551	0.0	47.306	5.261	0.0	45.411	7.186	0.0	52.229	5.97	0.0	54.871	6.033	0.0	45.179	5.296	0.0	43.364	5.65
79	2018	2019	SN	1	0.0	41.139	4.351	0.0	37.869	5.225	0.0	37.134	4.356	0.0	40.412	6.141	0.0	43.633	4.244	0.0	38.769	4.302	0.0	37.136	4.385	0.0	37.441	4.52
80	2018	2019	NS	1	0.0	54.557	1.875	0.0	45.446	2.084	0.0	39.871	1.58	0.0	44.235	2.433	0.0	51.283	1.887	0.0	50.218	1.876	0.0	39.181	1.732	0.0	37.926	1.77
81	2019	2020	NS	1	0.0	49.373	4.501	0.0	54.795	5.13	0.0	45.349	4.131	0.0	45.584	6.233	0.0	49.004	4.225	0.0	57.339	4.186	0.0	46.472	3.762	0.0	46.723	3.681
82	2019	2020	SN	1	0.0	45.058	2.749	0.0	50.661	2.756	0.0	42.205	2.406	0.0	48.095	3.175	0.0	41.604	2.843	0.0	47.318	2.429	0.0	42.223	2.569	0.0	46.794	2.316
83	2019	2020	SN	1	0.0	51.79	8.677	0.0	51.572	9.263	0.0	43.715	7.661	0.0	46.096	8.896	0.0	52.54	8.702	0.0	53.483	8.464	0.0	43.917	7.987	0.0	43.828	7.375
84	2019	2020	NS	1	0.0	54.553	1.389	0.0	50.117	1.508	0.0	39.804	1.286	0.0	44.766	2.206	0.0	51.116	1.241	0.0	47.569	1.15	0.0	37.316	1.144	0.0	39.322	1.145
85	2020	2021	SN	1	0.0	50.759	3.868	0.0	44.15	4.086	0.0	52.081	2.33	0.0	42.168	3.55	0.0	54.598	3.561	0.0	45.265	3.329	0.0	49.508	1.897	0.0	39.531	2.014
86	2020	2021	NS	1	0.0	55.463	5.923	0.0	49.976	7.438	0.0	40.217	5.762	0.0	40.737	8.677	0.0	54.732	5.731	0.0	50.378	5.984	0.0	42.094	5.769	0.0	36.58	5.906
87	2020	2021	NS	1	0.0	42.771	1.73	0.0	40.624	2.474	0.0	39.729	1.82	0.0	40.74	3.225	0.0	43.044	1.662	0.0	38.91	1.883	0.0	40.101	1.778	0.0	37.89	1.944
88	2020	2021	SN	1	0.0	44.366	0.87	0.0	45.053	0.869	0.0	49.963	0.646	0.0	44.158	1.052	0.0	45.497	0.822	0.0	40.811	0.649	0.0	43.853	0.541	0.0	37.895	0.532
89	2021	2022	NS	1	0.0	50.892	4.034	0.0	49.812	5.089	0.0	48.024	3.851	0.0	44.86	6.09	0.0	50.653	4.134	0.0	51.537	4.688	0.0	47.875	3.794	0.0	43.087	4.186
90	2021	2022	NS	1	0.0	45.406	1.161	0.0	42.473	1.672	0.0	38.146	1.21	0.0	40.253	2.117	0.0	48.715	1.197	0.0	42.246	1.399	0.0	41.215	1.208	0.0	41.316	1.36
91	2021	2022	SN	1	0.0	46.863	2.077	0.0	46.707	2.039	0.0	40.129	1.589	0.0	44.976	1.926	0.0	45.1	2.086	0.0	42.437	1.956	0.0	36.615	1.78	0.0	43.882	1.753
92	2021	2022	SN	1	0.0	48.989	6.981	0.0	48.177	7.146	0.0	45.175	5.154	0.0	51.8	6.2	0.0	51.096	7.287	0.0	48.733	6.889	0.0	40.735	5.893	0.0	45.484	5.542
93	2022	2023	SN	1	0.0	43.299	1.58	0.0	39.831	1.773	0.0	36.32	1.4	0.0	40.675	2.147	0.0	42.283	1.524	0.0	38.612	1.484	0.0	36.013	1.376	0.0	37.013	1.45
94	2022	2023	NS	1	0.0	48.424	6.773	0.0	54.386	8.007	0.0	50.822	5.461	0.0	47.788	8.638	0.0	49.271	6.364	0.0	53.962	6.87	0.0	48.063	5.546	0.0	45.725	5.766
95	2022	2023	SN	1	0.0	48.672	5.19	0.0	48.613	5.208	0.0	36.749	4.25	0.0	48.834	5.35	0.0	47.365	5.074	0.0	48.572	4.584	0.0	39.531	4.407	0.0	46.629	3.957
96	2022	2023	NS	1	0.0	47.787	2.087	0.0	43.044	2.441	0.0	42.733	1.891	0.0	44.257	2.935	0.0	45.089	2.017	0.0	43.924	2.083	0.0	40.77	1.97	0.0	39.136	1.877
97	2023	2024	NS	1	0.0	41.695	2.133	0.0	44.784	2.582	0.0	39.447	2.062	0.0	44.498	3.111	0.0	43.073	2.119	0.0	44.574	2.322	0.0	38.232	2.222	0.0	40.123	2.269
98	2023	2024	NS	1	0.0	43.56	6.263	0.0	46.223	7.697	0.0	48.969	5.688	0.0	47.921	8.432	0.0	44.408	6.43	0.0	44.28	7.221	0.0	47.299	6.178	0.0	43.076	6.733
99	2023	2024	SN	1	0.0	43.806	2.298	0.0	45.667	2.564	0.0	36.463	1.926	0.0	45.233	2.507	0.0	42.244	2.357	0.0	44.194	2.258	0.0	36.282	2.107	0.0	39.554	1.945
100	2023	2024	SN	1	0.0	44.507	7.926	0.0	50.732	8.636	0.0	42.15	5.864	0.0	43.839	7.492	0.0	43.984	7.975	0.0	51.006	7.987	0.0	43.252	6.418	0.0	39.457	6.335
101	2024	2025	SN	1	0.0	55.794	5.265	0.0	50.081	5.649	0.0	47.895	4.407	0.0	48.896	5.492	0.0	56.572	5.124	0.0	46.985	4.668	0.0	49.129	4.13	0.0	48.653	3.685
102	2024	2025	SN	1	0.0	46.393	1.505	0.0	43.763	1.423	0.0	43.564	1.276	0.0	40.813	1.671	0.0	46.019	1.432	0.0	43.66	1.191	0.0	43.553	1.221	0.0	40.097	0.973
103	2024	2025	NS	1	0.0	44.656	6.23	0.0	48.859	8.468	0.0	46.744	4.914	0.0	40.333	8.105	0.0	48.152	6.021	0.0	48.737	7.481	0.0	43.097	5.091	0.0	38.772	5.68

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

104	2024	2025	NS	1	0.0	43.916	1.932	0.0	45.33	2.614	0.0	39.999	1.642	0.0	40.357	3.141	0.0	44.249	1.862	0.0	42.063	2.072	0.0	38.602	1.692	0.0	37.251	2.06
105	2025	2026	NS	1	0.0	48.907	4.985	0.0	47.17	7.048	0.0	36.46	4.99	0.0	40.63	7.85	0.0	43.746	4.317	0.0	45.108	5.303	0.0	37.047	4.834	0.0	39.505	5.136
106	2025	2026	NS	1	0.0	44.844	1.46	0.0	43.413	2.261	0.0	38.147	1.692	0.0	41.07	3.068	0.0	43.27	1.301	0.0	41.219	1.573	0.0	38.272	1.58	0.0	37.355	1.854
107	2025	2026	SN	1	0.0	39.162	1.707	0.0	40.513	2.145	0.0	41.498	1.766	0.0	40.756	2.221	0.0	37.198	1.816	0.0	39.8	2.048	0.0	43.359	1.835	0.0	38.292	1.842
108	2025	2026	SN	1	0.0	48.737	5.751	0.0	57.497	6.786	0.0	49.402	5.338	0.0	45.423	6.792	0.0	49.045	5.95	0.0	58.136	6.645	0.0	48.04	5.772	0.0	46.341	6.079
109	2026	2027	SN	1	0.0	51.837	6.331	0.0	57.397	7.301	0.0	41.979	5.253	0.0	47.535	8.019	0.0	51.527	6.224	0.0	52.328	6.395	0.0	42.963	5.338	0.0	46.226	5.808
110	2026	2027	SN	1	0.0	45.525	2.108	0.0	39.841	2.419	0.0	39.323	1.702	0.0	38.216	2.895	0.0	44.644	2.02	0.0	40.906	2.046	0.0	44.272	1.73	0.0	36.091	2.033
111	2026	2027	NS	1	0.0	52.307	4.96	0.0	50.497	6.63	0.0	42.894	5.651	0.0	49.485	7.849	0.0	49.268	4.86	0.0	48.11	6.088	0.0	42.77	5.956	0.0	47.407	5.96
112	2026	2027	NS	1	0.0	50.021	1.602	0.0	42.465	2.128	0.0	38.933	1.934	0.0	46.124	3.007	0.0	47.367	1.566	0.0	40.552	1.832	0.0	38.706	1.968	0.0	43.969	1.996
113	2027	2028	SN	1	0.0	47.768	5.162	0.0	39.759	6.104	0.0	44.042	4.705	0.0	49.229	7.013	0.0	47.77	5.146	0.0	41.673	5.306	0.0	44.236	4.776	0.0	42.911	5.173
114	2027	2028	NS	1	0.0	52.156	4.96	0.0	52.236	6.154	0.0	45.944	4.019	0.0	45.22	6.62	0.0	51.101	4.86	0.0	52.666	5.528	0.0	47.928	4.239	0.0	43.286	4.461
115	2027	2028	SN	1	0.0	39.357	1.524	0.0	42.646	1.937	0.0	43.03	1.57	0.0	39.551	2.729	0.0	39.51	1.517	0.0	37.987	1.621	0.0	42.445	1.592	0.0	36.187	1.803
116	2027	2028	NS	1	0.0	46.145	1.517	0.0	48.031	1.906	0.0	46.911	1.383	0.0	43.192	2.377	0.0	48.498	1.502	0.0	43.911	1.525	0.0	51.779	1.401	0.0	43.414	1.427

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	1999	2000	SN	1	0.0	25.716	13.061	0.0	28.011	13.269	0.0	41.125	2.45	0.0	23.113	2.708	0.0	1.925	0.0	0.0	2.056	0.0	0.0	2.266	0.0	0.0	2.336	0.0
2	1999	2000	NS	1	0.0	28.154	12.706	0.0	26.031	13.444	0.0	177.015	5.671	0.0	120.933	4.732	0.0	1.92	0.0	0.0	1.896	0.0	0.0	2.24	0.0	0.0	2.217	0.0
3	1999	2000	NS	1	0.0	38.332	24.332	0.0	32.141	24.205	0.0	202.494	14.913	0.0	120.778	14.272	0.0	1.935	0.0	0.0	1.912	0.0	0.0	2.247	0.0	0.0	2.217	0.0
4	1999	2000	SN	1	0.0	32.169	23.624	0.0	39.54	24.053	0.0	75.726	11.661	0.0	41.175	11.796	0.0	1.934	0.0	0.0	1.995	0.0	0.0	2.277	0.0	0.0	2.336	0.0
5	2000	2001	NS	1	0.0	38.884	24.415	0.0	37.496	24.256	0.0	278.155	14.943	0.0	46.425	14.211	0.0	1.927	0.0	0.0	1.911	0.0	0.0	2.246	0.0	0.0	2.218	0.0
6	2000	2001	SN	1	0.0	32.478	23.709	0.0	164.918	24.205	0.0	75.6	11.537	0.0	45.019	11.86	0.0	1.882	0.0	0.0	1.97	0.0	0.0	2.187	0.0	0.0	2.203	0.0
7	2000	2001	NS	1	0.0	28.22	12.735	0.0	26.031	13.476	0.0	243.195	5.615	0.0	88.058	4.688	0.0	1.92	0.0	0.0	1.896	0.0	0.0	2.239	0.0	0.0	2.217	0.0
8	2000	2001	SN	1	0.0	25.727	13.044	0.0	153.014	13.203	0.0	47.765	2.478	0.0	31.066	2.759	0.0	1.867	0.0	0.0	1.954	0.0	0.0	2.187	0.0	0.0	2.198	0.0
9	2001	2002	NS	1	0.0	38.867	24.451	0.0	32.059	24.237	0.0	50.771	14.9	0.0	54.576	14.176	0.0	1.925	0.0	0.0	1.912	0.0	0.0	2.244	0.0	0.0	2.217	0.0
10	2001	2002	SN	1	0.0	32.379	23.726	0.0	39.579	24.18	0.0	112.627	11.7	0.0	99.4	11.952	0.0	1.881	0.0	0.0	1.967	0.0	0.0	2.175	0.0	0.0	2.206	0.0
11	2001	2002	SN	1	0.0	25.739	13.033	0.0	27.887	13.226	0.0	101.537	2.547	0.0	264.618	2.788	0.0	1.863	0.0	0.0	1.944	0.0	0.0	2.172	0.0	0.0	2.198	0.0
12	2001	2002	NS	1	0.0	28.204	12.732	0.0	26.02	13.459	0.0	245.346	5.581	0.0	36.416	4.679	0.0	1.92	0.0	0.0	1.897	0.0	0.0	2.238	0.0	0.0	2.216	0.0
13	2002	2003	NS	1	0.0	28.248	12.728	0.0	26.014	13.457	0.0	276.475	5.536	0.0	28.81	4.656	0.0	1.92	0.0	0.0	1.897	0.0	0.0	2.237	0.0	0.0	2.216	0.0
14	2002	2003	NS	1	0.0	38.884	24.446	0.0	32.064	24.244	0.0	239.497	14.943	0.0	55.04	14.14	0.0	1.926	0.0	0.0	1.913	0.0	0.0	2.246	0.0	0.0	2.215	0.0
15	2002	2003	SN	1	0.0	32.445	23.776	0.0	39.518	24.149	0.0	140.23	11.764	0.0	205.743	12.009	0.0	1.882	0.0	0.0	1.968	0.0	0.0	2.176	0.0	0.0	2.204	0.0
16	2002	2003	SN	1	0.0	25.738	13.003	0.0	27.892	13.258	0.0	125.097	2.595	0.0	217.771	2.839	0.0	1.869	0.0	0.0	1.944	0.0	0.0	2.17	0.0	0.0	2.197	0.0
17	2003	2004	NS	1	0.0	28.204	12.717	0.0	26.02	13.454	0.0	310.547	5.548	0.0	29.218	4.645	0.0	1.92	0.0	0.0	1.899	0.0	0.0	2.238	0.0	0.0	2.217	0.0
18	2003	2004	SN	1	0.0	32.423	23.86	0.0	39.545	24.251	0.0	161.915	11.755	0.0	219.486	12.001	0.0	1.882	0.0	0.0	1.969	0.0	0.0	2.175	0.0	0.0	2.213	0.0
19	2003	2004	NS	1	0.0	38.851	24.325	0.0	32.169	24.25	0.0	263.818	14.892	0.0	43.883	14.15	0.0	1.927	0.0	0.0	1.913	0.0	0.0	2.245	0.0	0.0	2.216	0.0
20	2003	2004	SN	1	0.0	25.727	12.995	0.0	27.939	13.245	0.0	161.678	2.59	0.0	200.939	2.802	0.0	1.866	0.0	0.0	1.944	0.0	0.0	2.171	0.0	0.0	2.196	0.0
21	2004	2005	NS	1	0.0	37.496	24.294	0.0	32.13	24.245	0.0	286.149	14.934	0.0	81.473	14.239	0.0	1.927	0.0	0.0	1.911	0.0	0.0	2.245	0.0	0.0	2.216	0.0
22	2004	2005	SN	1	0.0	25.738	13.035	0.0	27.945	13.24	0.0	171.858	2.589	0.0	267.753	2.82	0.0	1.873	0.0	0.0	1.941	0.0	0.0	2.17	0.0	0.0	2.196	0.0
23	2004	2005	SN	1	0.0	34.733	23.78	0.0	39.59	24.197	0.0	182.999	11.694	0.0	233.02	12.049	0.0	1.881	0.0	0.0	1.965	0.0	0.0	2.172	0.0	0.0	2.217	0.0
24	2004	2005	NS	1	0.0	27.669	12.654	0.0	26.025	13.472	0.0	307.817	5.542	0.0	63.919	4.682	0.0	1.922	0.0	0.0	1.897	0.0	0.0	2.238	0.0	0.0	2.217	0.0
25	2005	2006	NS	1	0.0	38.851	24.325	0.0	32.147	24.241	0.0	45.0	14.92	0.0	102.629	14.171	0.0	1.929	0.0	0.0	1.911	0.0	0.0	2.246	0.0	0.0	2.217	0.0
26	2005	2006	NS	1	0.0	28.138	12.724	0.0	26.025	13.481	0.0	281.852	5.588	0.0	80.326	4.678	0.0	1.92	0.0	0.0	1.896	0.0	0.0	2.238	0.0	0.0	2.217	0.0
27	2005	2006	SN	1	0.0	25.739	13.005	0.0	27.939	13.266	0.0	181.383	2.572	0.0	258.698	2.803	0.0	1.872	0.0	0.0	1.941	0.0	0.0	2.17	0.0	0.0	2.197	0.0
28	2005	2006	SN	1	0.0	37.563	23.755	0.0	39.512	24.168	0.0	203.928	11.656	0.0	259.426	12.042	0.0	1.881	0.0	0.0	1.966	0.0	0.0	2.176	0.0	0.0	2.223	0.0
29	2006	2007	SN	1	0.0	32.351	23.671	0.0	39.556	24.128	0.0	227.097	11.619	0.0	117.368	11.935	0.0	1.88	0.0	0.0	1.965	0.0	0.0	2.174	0.0	0.0	2.214	0.0
30	2006	2007	NS	1	0.0	38.862	24.317	0.0	32.141	24.175	0.0	50.391	14.886	0.0	105.199	14.178	0.0	1.93	0.0	0.0	1.911	0.0	0.0	2.246	0.0	0.0	2.217	0.0
31	2006	2007	SN	1	0.0	25.733	12.994	0.0	27.873	13.219	0.0	188.084	2.543	0.0	98.479	2.756	0.0	1.863	0.0	0.0	1.94	0.0	0.0	2.172	0.0	0.0	2.198	0.0

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

32	2006	2007	NS	1	0.0	28.16	12.717	0.0	26.02	13.455	0.0	84.333	5.615	0.0	104.691	4.71	0.0	1.921	0.0	0.0	1.894	0.0	0.0	2.237	0.0	0.0	2.218	0.0
33	2007	2008	SN	1	0.0	25.727	13.048	0.0	27.928	13.215	0.0	173.987	2.508	0.0	26.693	2.733	0.0	1.879	0.0	0.0	1.938	0.0	0.0	2.169	0.0	0.0	2.199	0.0
34	2007	2008	NS	1	0.0	28.193	12.709	0.0	26.014	13.472	0.0	344.718	5.62	0.0	38.776	4.719	0.0	1.921	0.0	0.0	1.895	0.0	0.0	2.238	0.0	0.0	2.217	0.0
35	2007	2008	NS	1	0.0	38.801	24.298	0.0	32.191	24.2	0.0	350.095	14.935	0.0	50.153	14.184	0.0	1.929	0.0	0.0	1.911	0.0	0.0	2.245	0.0	0.0	2.217	0.0
36	2007	2008	SN	1	0.0	32.29	23.617	0.0	39.606	24.143	0.0	71.138	11.63	0.0	42.821	11.848	0.0	1.881	0.0	0.0	1.962	0.0	0.0	2.171	0.0	0.0	2.233	0.0
37	2008	2009	SN	1	0.0	32.373	23.692	0.0	39.584	24.143	0.0	150.03	11.688	0.0	43.025	11.877	0.0	1.88	0.0	0.0	1.963	0.0	0.0	2.171	0.0	0.0	2.234	0.0
38	2008	2009	NS	1	0.0	28.093	12.73	0.0	26.025	13.467	0.0	76.761	5.602	0.0	31.066	4.706	0.0	1.92	0.0	0.0	1.895	0.0	0.0	2.238	0.0	0.0	2.217	0.0
39	2008	2009	SN	1	0.0	25.716	12.995	0.0	27.906	13.232	0.0	147.708	2.537	0.0	26.869	2.738	0.0	1.867	0.0	0.0	1.939	0.0	0.0	2.168	0.0	0.0	2.193	0.0
40	2008	2009	NS	1	0.0	38.635	24.367	0.0	32.163	24.273	0.0	81.36	14.92	0.0	49.872	14.212	0.0	1.922	0.0	0.0	1.909	0.0	0.0	2.245	0.0	0.0	2.217	0.0
41	2009	2010	NS	1	0.0	38.955	24.386	0.0	32.18	24.256	0.0	119.877	14.892	0.0	49.078	14.172	0.0	1.939	0.0	0.0	1.911	0.0	0.0	2.25	0.0	0.0	2.218	0.0
42	2009	2010	SN	1	0.0	32.274	23.676	0.0	39.573	24.139	0.0	148.574	11.714	0.0	41.368	11.886	0.0	1.878	0.0	0.0	1.962	0.0	0.0	2.173	0.0	0.0	2.201	0.0
43	2009	2010	NS	1	0.0	28.182	12.722	0.0	26.02	13.467	0.0	266.088	5.633	0.0	32.798	4.719	0.0	1.927	0.0	0.0	1.897	0.0	0.0	2.241	0.0	0.0	2.217	0.0
44	2009	2010	SN	1	0.0	25.722	13.009	0.0	27.961	13.254	0.0	122.124	2.564	0.0	23.61	2.733	0.0	1.866	0.0	0.0	1.939	0.0	0.0	2.17	0.0	0.0	2.199	0.0
45	2010	2011	SN	1	0.0	32.257	23.684	0.0	39.54	24.133	0.0	94.125	11.699	0.0	39.267	11.851	0.0	1.877	0.0	0.0	1.96	0.0	0.0	2.172	0.0	0.0	2.217	0.0
46	2010	2011	SN	1	0.0	25.738	13.02	0.0	27.906	13.234	0.0	90.358	2.589	0.0	20.097	2.752	0.0	1.866	0.0	0.0	1.939	0.0	0.0	2.17	0.0	0.0	2.215	0.0
47	2010	2011	NS	1	0.0	38.955	24.344	0.0	32.191	24.194	0.0	278.27	14.928	0.0	199.935	14.087	0.0	1.93	0.0	0.0	1.911	0.0	0.0	2.245	0.0	0.0	2.217	0.0
48	2010	2011	NS	1	0.0	28.176	12.647	0.0	26.031	13.46	0.0	273.252	5.642	0.0	179.271	4.765	0.0	1.92	0.0	0.0	1.895	0.0	0.0	2.238	0.0	0.0	2.217	0.0
49	2011	2012	SN	1	0.0	32.202	23.711	0.0	39.529	24.176	0.0	59.187	11.728	0.0	39.463	11.851	0.0	1.877	0.0	0.0	1.957	0.0	0.0	2.173	0.0	0.0	2.224	0.0
50	2011	2012	NS	1	0.0	38.917	24.317	0.0	32.163	24.209	0.0	258.378	14.92	0.0	178.824	14.172	0.0	1.934	0.0	0.0	1.911	0.0	0.0	2.247	0.0	0.0	2.22	0.0
51	2011	2012	NS	1	0.0	28.154	12.642	0.0	26.02	13.451	0.0	253.811	5.677	0.0	178.554	4.814	0.0	1.927	0.0	0.0	1.896	0.0	0.0	2.239	0.0	0.0	2.218	0.0
52	2011	2012	SN	1	0.0	25.738	13.016	0.0	27.917	13.227	0.0	79.675	2.594	0.0	44.186	2.763	0.0	1.865	0.0	0.0	1.94	0.0	0.0	2.169	0.0	0.0	2.203	0.0
53	2012	2013	NS	1	0.0	38.878	24.317	0.0	32.158	24.232	0.0	225.922	14.943	0.0	155.716	14.192	0.0	1.929	0.0	0.0	1.912	0.0	0.0	2.248	0.0	0.0	2.218	0.0
54	2012	2013	NS	1	0.0	28.143	12.638	0.0	26.014	13.443	0.0	276.773	5.679	0.0	152.992	4.874	0.0	1.926	0.0	0.0	1.895	0.0	0.0	2.24	0.0	0.0	2.218	0.0
55	2012	2013	SN	1	0.0	29.665	23.663	0.0	39.468	24.117	0.0	50.699	11.631	0.0	40.271	11.993	0.0	1.879	0.0	0.0	1.948	0.0	0.0	2.172	0.0	0.0	2.242	0.0
56	2012	2013	SN	1	0.0	25.727	12.974	0.0	27.922	13.294	0.0	35.572	2.585	0.0	77.646	2.806	0.0	1.865	0.0	0.0	1.94	0.0	0.0	2.171	0.0	0.0	2.221	0.0
57	2013	2014	SN	1	0.0	25.733	13.0	0.0	27.939	13.183	0.0	41.054	2.569	0.0	119.675	2.776	0.0	1.863	0.0	0.0	1.941	0.0	0.0	2.17	0.0	0.0	2.222	0.0
58	2013	2014	NS	1	0.0	38.895	24.263	0.0	32.136	24.187	0.0	209.614	14.914	0.0	133.507	14.165	0.0	1.93	0.0	0.0	1.911	0.0	0.0	2.249	0.0	0.0	2.217	0.0
59	2013	2014	NS	1	0.0	28.099	12.615	0.0	26.014	13.438	0.0	180.324	5.713	0.0	132.404	4.888	0.0	1.922	0.0	0.0	1.896	0.0	0.0	2.239	0.0	0.0	2.218	0.0
60	2013	2014	SN	1	0.0	37.326	23.604	0.0	39.617	24.112	0.0	79.642	11.575	0.0	40.59	11.854	0.0	1.878	0.0	0.0	1.957	0.0	0.0	2.171	0.0	0.0	2.235	0.0
61	2014	2015	SN	1	0.0	32.329	23.614	0.0	39.573	24.145	0.0	78.705	11.589	0.0	40.8	11.904	0.0	1.879	0.0	0.0	1.95	0.0	0.0	2.173	0.0	0.0	2.235	0.0
62	2014	2015	SN	1	0.0	25.716	13.015	0.0	27.928	13.209	0.0	43.966	2.553	0.0	22.623	2.783	0.0	1.879	0.0	0.0	1.941	0.0	0.0	2.169	0.0	0.0	2.217	0.0
63	2014	2015	NS	1	0.0	38.878	24.292	0.0	32.18	24.204	0.0	351.088	14.936	0.0	108.508	14.213	0.0	1.933	0.0	0.0	1.911	0.0	0.0	2.247	0.0	0.0	2.218	0.0
64	2014	2015	NS	1	0.0	28.171	12.632	0.0	26.02	13.442	0.0	260.628	5.687	0.0	105.976	4.797	0.0	1.921	0.0	0.0	1.896	0.0	0.0	2.238	0.0	0.0	2.218	0.0
65	2015	2016	NS	1	0.0	38.9	24.334	0.0	32.23	24.231	0.0	352.615	14.801	0.0	45.863	14.147	0.0	1.937	0.0	0.0	1.911	0.0	0.0	2.247	0.0	0.0	2.217	0.0
66	2015	2016	SN	1	0.0	25.727	13.001	0.0	27.9	13.229	0.0	43.431	2.601	0.0	24.806	2.824	0.0	1.864	0.0	0.0	1.942	0.0	0.0	2.169	0.0	0.0	2.218	0.0
67	2015	2016	SN	1	0.0	29.638	23.624	0.0	39.634	24.211	0.0	76.504	11.674	0.0	40.971	12.042	0.0	1.88	0.0	0.0	1.952	0.0	0.0	2.175	0.0	0.0	2.236	0.0
68	2015	2016	NS	1	0.0	28.132	12.64	0.0	26.014	13.428	0.0	246.846	5.6	0.0	37.849	4.78	0.0	1.922	0.0	0.0	1.895	0.0	0.0	2.24	0.0	0.0	2.218	0.0

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

69	2016	2017	SN	1	0.0	32.45	23.681	0.0	39.468	24.201	0.0	126.001	11.72	0.0	41.296	11.946	0.0	1.879	0.0	0.0	1.929	0.0	0.0	2.176	0.0	0.0	2.22	0.0
70	2016	2017	NS	1	0.0	28.171	12.65	0.0	26.009	13.42	0.0	197.393	5.555	0.0	38.429	4.76	0.0	1.921	0.0	0.0	1.896	0.0	0.0	2.239	0.0	0.0	2.217	0.0
71	2016	2017	SN	1	0.0	25.733	13.018	0.0	27.845	13.25	0.0	112.247	2.602	0.0	215.234	2.827	0.0	1.872	0.0	0.0	1.94	0.0	0.0	2.173	0.0	0.0	2.226	0.0
72	2016	2017	NS	1	0.0	38.906	24.317	0.0	32.213	24.209	0.0	212.788	14.875	0.0	46.602	14.246	0.0	1.93	0.0	0.0	1.911	0.0	0.0	2.245	0.0	0.0	2.217	0.0
73	2017	2018	SN	1	0.0	25.733	13.02	0.0	27.845	13.264	0.0	145.839	2.638	0.0	209.2	2.82	0.0	1.864	0.0	0.0	1.943	0.0	0.0	2.172	0.0	0.0	2.216	0.0
74	2017	2018	SN	1	0.0	32.483	23.711	0.0	39.446	24.182	0.0	150.267	11.763	0.0	206.669	11.989	0.0	1.879	0.0	0.0	1.957	0.0	0.0	2.174	0.0	0.0	2.22	0.0
75	2017	2018	NS	1	0.0	28.149	12.65	0.0	26.003	13.416	0.0	281.18	5.543	0.0	39.09	4.739	0.0	1.92	0.0	0.0	1.897	0.0	0.0	2.239	0.0	0.0	2.217	0.0
76	2017	2018	NS	1	0.0	38.862	24.399	0.0	32.224	24.183	0.0	245.999	14.868	0.0	46.778	14.17	0.0	1.934	0.0	0.0	1.912	0.0	0.0	2.246	0.0	0.0	2.216	0.0
77	2018	2019	SN	1	0.0	25.739	13.014	0.0	27.895	13.264	0.0	157.878	2.642	0.0	23.814	2.849	0.0	1.864	0.0	0.0	1.943	0.0	0.0	2.172	0.0	0.0	2.215	0.0
78	2018	2019	NS	1	0.0	38.823	24.38	0.0	32.158	24.198	0.0	306.62	14.859	0.0	47.49	14.222	0.0	1.928	0.0	0.0	1.912	0.0	0.0	2.246	0.0	0.0	2.217	0.0
79	2018	2019	SN	1	0.0	32.445	23.755	0.0	39.468	24.164	0.0	171.34	11.726	0.0	41.815	11.931	0.0	1.88	0.0	0.0	1.954	0.0	0.0	2.178	0.0	0.0	2.213	0.0
80	2018	2019	NS	1	0.0	28.082	12.647	0.0	26.009	13.423	0.0	306.471	5.542	0.0	28.981	4.767	0.0	1.921	0.0	0.0	1.898	0.0	0.0	2.237	0.0	0.0	2.216	0.0
81	2019	2020	NS	1	0.0	38.834	24.359	0.0	32.186	24.181	0.0	111.803	14.858	0.0	89.442	14.207	0.0	1.929	0.0	0.0	1.909	0.0	0.0	2.247	0.0	0.0	2.217	0.0
82	2019	2020	SN	1	0.0	25.739	13.049	0.0	27.878	13.233	0.0	190.62	2.62	0.0	231.398	2.861	0.0	1.866	0.0	0.0	1.942	0.0	0.0	2.17	0.0	0.0	2.211	0.0
83	2019	2020	SN	1	0.0	32.445	23.711	0.0	39.49	24.145	0.0	195.573	11.697	0.0	250.888	11.981	0.0	1.879	0.0	0.0	1.952	0.0	0.0	2.176	0.0	0.0	2.213	0.0
84	2019	2020	NS	1	0.0	28.121	12.645	0.0	26.014	13.427	0.0	277.247	5.566	0.0	82.019	4.776	0.0	1.92	0.0	0.0	1.896	0.0	0.0	2.239	0.0	0.0	2.217	0.0
85	2020	2021	SN	1	0.0	32.373	23.687	0.0	39.496	24.118	0.0	218.267	11.693	0.0	270.169	12.013	0.0	1.881	0.0	0.0	1.929	0.0	0.0	2.176	0.0	0.0	2.238	0.0
86	2020	2021	NS	1	0.0	38.862	24.317	0.0	32.158	24.177	0.0	132.407	14.876	0.0	115.616	14.235	0.0	1.934	0.0	0.0	1.909	0.0	0.0	2.247	0.0	0.0	2.217	0.0
87	2020	2021	NS	1	0.0	28.176	12.631	0.0	26.009	13.444	0.0	90.41	5.613	0.0	114.265	4.813	0.0	1.921	0.0	0.0	1.892	0.0	0.0	2.24	0.0	0.0	2.218	0.0
88	2020	2021	SN	1	0.0	25.733	13.006	0.0	27.889	13.237	0.0	212.868	2.589	0.0	263.479	2.812	0.0	1.865	0.0	0.0	1.942	0.0	0.0	2.17	0.0	0.0	2.221	0.0
89	2021	2022	NS	1	0.0	38.823	24.313	0.0	32.197	24.156	0.0	169.462	14.927	0.0	156.135	14.234	0.0	1.931	0.0	0.0	1.91	0.0	0.0	2.247	0.0	0.0	2.218	0.0
90	2021	2022	NS	1	0.0	28.082	12.647	0.0	26.009	13.412	0.0	91.13	5.634	0.0	148.734	4.886	0.0	1.921	0.0	0.0	1.894	0.0	0.0	2.239	0.0	0.0	2.219	0.0
91	2021	2022	SN	1	0.0	25.794	12.997	0.0	27.9	13.22	0.0	47.892	2.576	0.0	23.792	2.778	0.0	1.863	0.0	0.0	1.946	0.0	0.0	2.17	0.0	0.0	2.222	0.0
92	2021	2022	SN	1	0.0	32.605	23.645	0.0	39.523	24.143	0.0	75.809	11.594	0.0	41.351	11.942	0.0	1.882	0.0	0.0	1.952	0.0	0.0	2.176	0.0	0.0	2.239	0.0
93	2022	2023	SN	1	0.0	25.727	12.962	0.0	27.862	13.209	0.0	48.074	2.588	0.0	23.643	2.76	0.0	1.863	0.0	0.0	1.946	0.0	0.0	2.17	0.0	0.0	2.221	0.0
94	2022	2023	NS	1	0.0	38.525	24.311	0.0	32.257	24.246	0.0	161.295	14.85	0.0	47.628	14.382	0.0	1.931	0.0	0.0	1.911	0.0	0.0	2.246	0.0	0.0	2.218	0.0
95	2022	2023	SN	1	0.0	32.461	23.638	0.0	39.529	24.11	0.0	74.8	11.636	0.0	41.611	11.885	0.0	1.886	0.0	0.0	1.951	0.0	0.0	2.176	0.0	0.0	2.234	0.0
96	2022	2023	NS	1	0.0	28.071	12.648	0.0	26.009	13.429	0.0	146.134	5.608	0.0	30.167	4.845	0.0	1.921	0.0	0.0	1.896	0.0	0.0	2.238	0.0	0.0	2.217	0.0
97	2023	2024	NS	1	0.0	28.099	12.629	0.0	26.003	13.45	0.0	112.581	5.615	0.0	30.299	4.818	0.0	1.922	0.0	0.0	1.892	0.0	0.0	2.239	0.0	0.0	2.218	0.0
98	2023	2024	NS	1	0.0	38.509	24.326	0.0	32.263	24.246	0.0	111.671	14.877	0.0	52.602	14.254	0.0	1.926	0.0	0.0	1.909	0.0	0.0	2.246	0.0	0.0	2.218	0.0
99	2023	2024	SN	1	0.0	25.733	13.01	0.0	27.884	13.224	0.0	149.798	2.62	0.0	23.77	2.785	0.0	1.863	0.0	0.0	1.945	0.0	0.0	2.17	0.0	0.0	2.211	0.0
100	2023	2024	SN	1	0.0	32.323	23.678	0.0	39.567	24.212	0.0	158.192	11.65	0.0	41.859	11.971	0.0	1.881	0.0	0.0	1.949	0.0	0.0	2.175	0.0	0.0	2.233	0.0
101	2024	2025	SN	1	0.0	32.434	23.638	0.0	39.468	24.187	0.0	123.707	11.672	0.0	45.846	11.92	0.0	1.88	0.0	0.0	1.958	0.0	0.0	2.176	0.0	0.0	2.233	0.0
102	2024	2025	SN	1	0.0	25.744	13.003	0.0	27.807	13.23	0.0	100.208	2.641	0.0	21.895	2.804	0.0	1.863	0.0	0.0	1.945	0.0	0.0	2.171	0.0	0.0	2.21	0.0
103	2024	2025	NS	1	0.0	53.052	24.326	0.0	32.241	24.2	0.0	132.539	14.862	0.0	208.186	14.24	0.0	1.925	0.0	0.0	1.909	0.0	0.0	2.247	0.0	0.0	2.218	0.0
104	2024	2025	NS	1	0.0	59.449	12.662	0.0	26.009	13.422	0.0	269.463	5.632	0.0	211.451	4.846	0.0	1.921	0.0	0.0	1.898	0.0	0.0	2.239	0.0	0.0	2.217	0.0
105	2025	2026	NS	1	0.0	38.895	24.359	0.0	32.263	24.2	0.0	267.682	14.886	0.0	154.475	14.222	0.0	1.93	0.0	0.0	1.909	0.0	0.0	2.249	0.0	0.0	2.218	0.0

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

106	2025	2026	NS	1	0.0	28.014	12.647	0.0	26.014	13.425	0.0	261.946	5.674	0.0	188.707	4.927	0.0	1.921	0.0	0.0	1.898	0.0	0.0	2.24	0.0	0.0	2.218	0.0
107	2025	2026	SN	1	0.0	25.739	12.994	0.0	27.823	13.268	0.0	101.421	2.619	0.0	23.102	2.8	0.0	1.878	0.0	0.0	1.945	0.0	0.0	2.177	0.0	0.0	2.222	0.0
108	2025	2026	SN	1	0.0	32.384	23.699	0.0	39.452	24.152	0.0	106.881	11.749	0.0	41.153	11.844	0.0	1.877	0.0	0.0	1.956	0.0	0.0	2.178	0.0	0.0	2.225	0.0
109	2026	2027	SN	1	0.0	32.373	23.684	0.0	39.452	24.1	0.0	50.556	11.699	0.0	47.341	11.901	0.0	1.876	0.0	0.0	1.954	0.0	0.0	2.176	0.0	0.0	2.222	0.0
110	2026	2027	SN	1	0.0	25.733	13.032	0.0	27.856	13.243	0.0	34.072	2.6	0.0	36.879	2.8	0.0	1.862	0.0	0.0	1.943	0.0	0.0	2.171	0.0	0.0	2.217	0.0
111	2026	2027	NS	1	0.0	38.823	24.384	0.0	32.263	24.184	0.0	237.978	14.894	0.0	167.187	14.334	0.0	1.929	0.0	0.0	1.91	0.0	0.0	2.247	0.0	0.0	2.22	0.0
112	2026	2027	NS	1	0.0	27.956	12.658	0.0	26.014	13.409	0.0	257.71	5.7	0.0	148.172	4.989	0.0	1.922	0.0	0.0	1.896	0.0	0.0	2.238	0.0	0.0	2.219	0.0
113	2027	2028	SN	1	0.0	32.39	23.716	0.0	39.512	24.033	0.0	69.18	11.642	0.0	42.956	11.894	0.0	1.874	0.0	0.0	1.962	0.0	0.0	2.177	0.0	0.0	2.225	0.0
114	2027	2028	NS	1	0.0	38.851	24.307	0.0	32.263	24.182	0.0	218.67	14.882	0.0	147.416	14.306	0.0	1.935	0.0	0.0	1.909	0.0	0.0	2.248	0.0	0.0	2.219	0.0
115	2027	2028	SN	1	0.0	25.727	12.996	0.0	27.862	13.229	0.0	36.906	2.612	0.0	26.604	2.809	0.0	1.862	0.0	0.0	1.942	0.0	0.0	2.172	0.0	0.0	2.226	0.0
116	2027	2028	NS	1	0.0	27.961	12.632	0.0	26.009	13.418	0.0	217.683	5.711	0.0	126.79	4.984	0.0	1.923	0.0	0.0	1.895	0.0	0.0	2.24	0.0	0.0	2.219	0.0

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