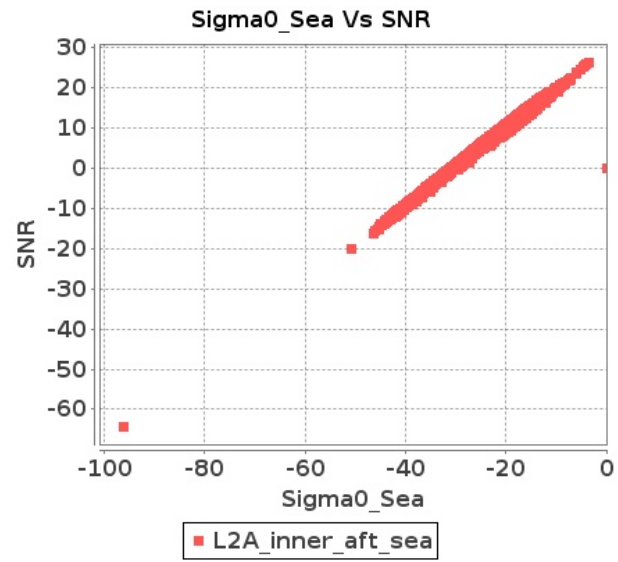


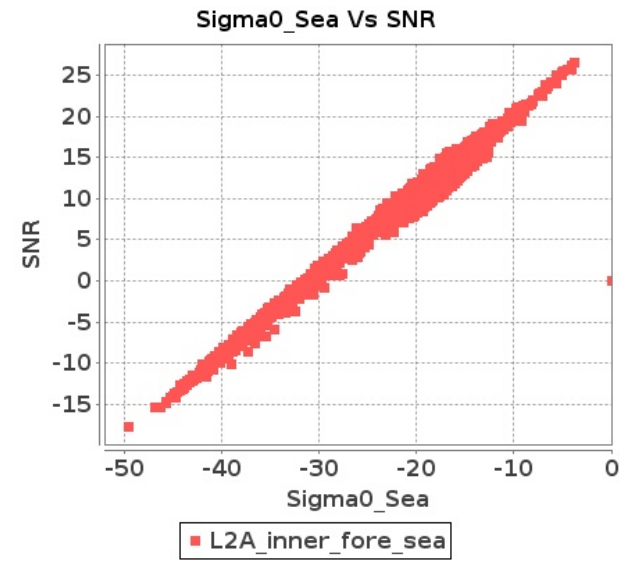
SCATSAT-1 Scatterometer Level-2A Data Quality Cycle wise Report

Report between 09-JUL-2018 To 10-JUL-2018

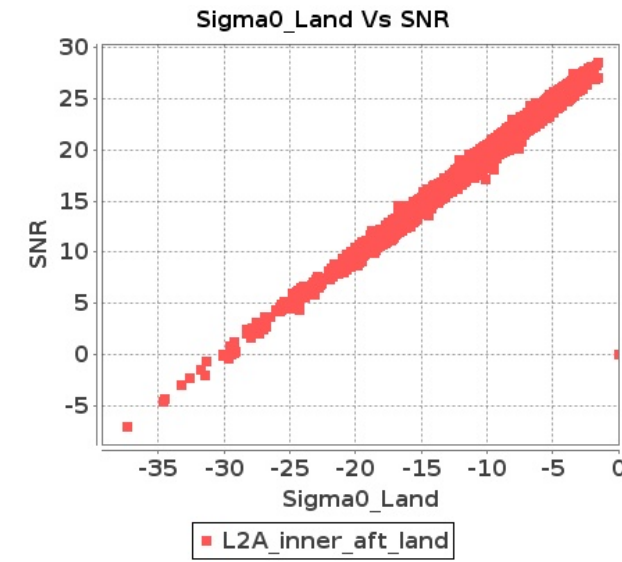
Inner Sea Aft Sigma0VsSNR



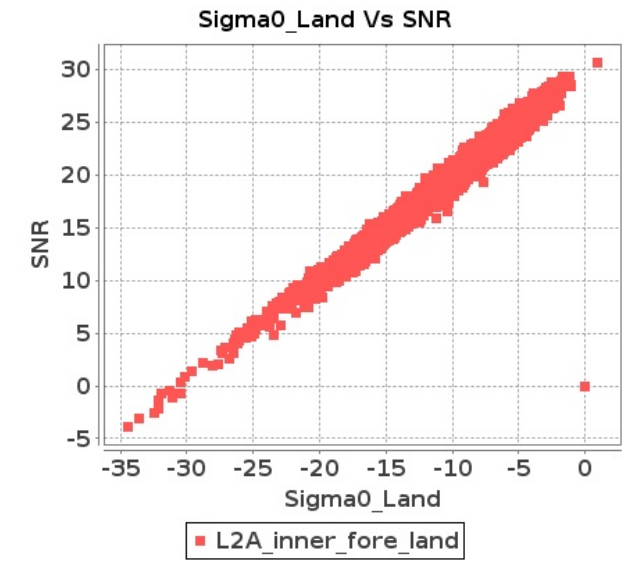
Inner Sea Fore Sigma0VsSNR



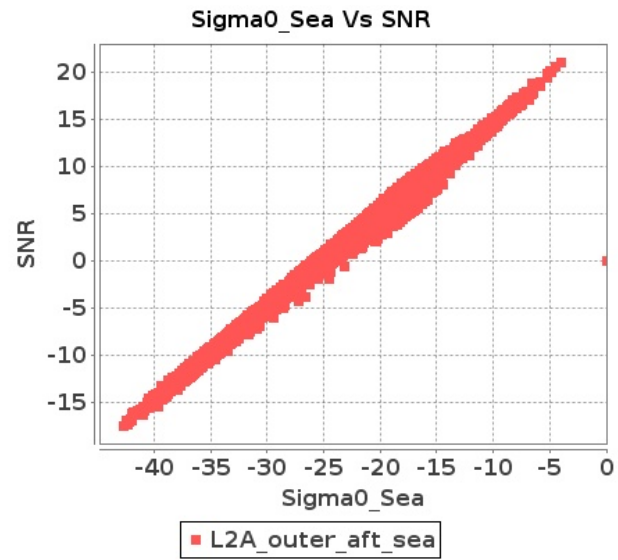
Inner Land Aft Sigma0VsSNR



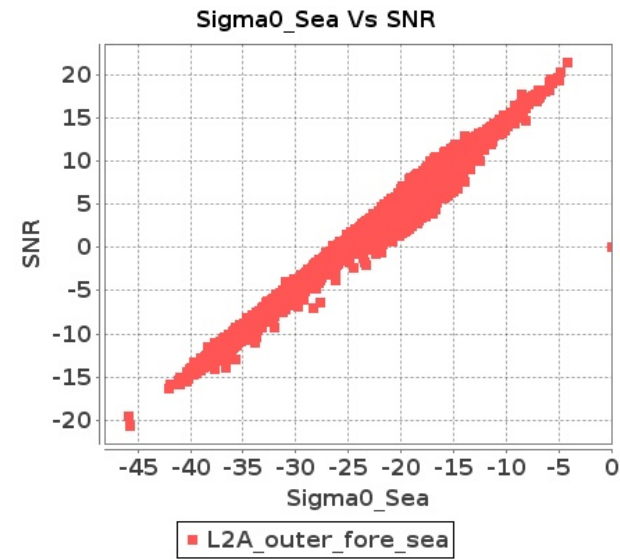
Inner Land Fore Sigma0VsSNR



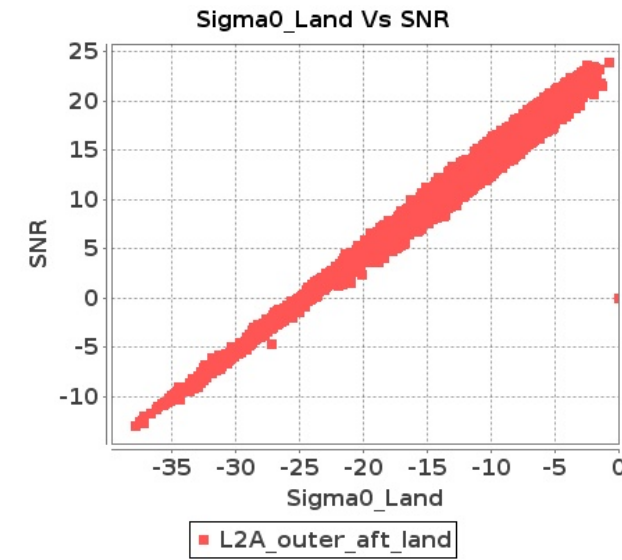
Outer Sea Aft Sigma0VsSNR



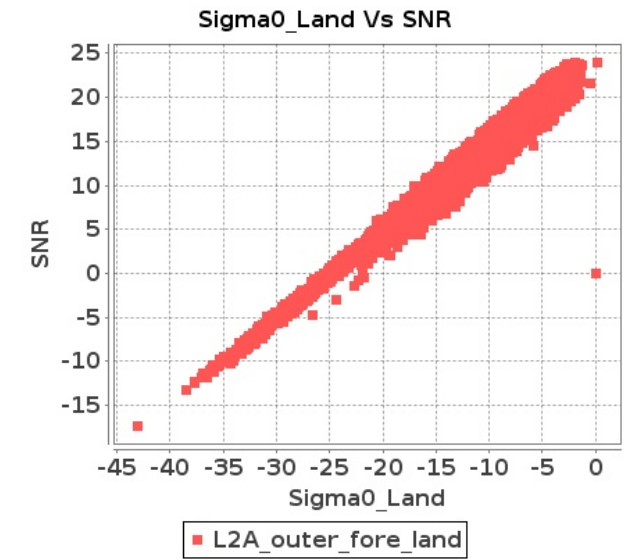
Outer Sea Fore Sigma0VsSNR



Outer Land Aft Sigma0VsSNR



Outer Land Fore Sigma0VsSNR



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

Report between 09-JUL-2018 To 10-JUL-2018

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	9436	9437	SN	1	0.0	43.581	0.783	0.0	45.513	1.109	0.0	38.214	0.856	0.0	41.353	1.149	0.0	44.72	0.797	0.0	45.733	0.991	0.0	37.74	0.83	0.0	38.55	0.96
2	9436	9437	SN	1	0.0	43.656	0.824	0.0	45.513	1.169	0.0	38.957	0.858	0.0	41.353	1.199	0.0	43.502	0.824	0.0	45.733	1.036	0.0	37.74	0.839	0.0	38.55	0.987
3	9436	9437	SN	1	0.0	46.415	3.421	0.0	56.728	4.015	0.0	45.318	2.929	0.0	45.199	3.856	0.0	47.477	3.29	0.0	55.662	3.631	0.0	43.05	2.837	0.0	42.662	3.281
4	9436	9437	SN	1	0.0	51.264	3.589	0.0	56.728	4.218	0.0	45.318	2.956	0.0	43.301	4.001	0.0	50.559	3.441	0.0	55.662	3.803	0.0	43.05	2.815	0.0	43.519	3.456
5	9437	9438	NS	1	0.0	41.948	0.743	0.0	42.638	1.008	0.0	46.113	0.782	0.0	43.649	1.049	0.0	42.021	0.759	0.0	42.947	0.912	0.0	43.346	0.719	0.0	45.346	0.846
6	9437	9438	NS	1	0.0	43.707	3.323	0.0	49.799	3.869	0.0	46.166	3.03	0.0	48.898	3.439	0.0	45.78	3.333	0.0	47.98	3.536	0.0	47.597	2.887	0.0	49.103	3.04
7	9437	9438	SN	1	0.0	41.726	2.53	0.0	57.299	3.605	0.0	43.225	2.434	0.0	48.768	3.648	0.0	42.748	2.552	0.0	54.548	3.703	0.0	40.24	2.19	0.0	45.12	3.106
8	9437	9438	SN	1	0.0	43.062	0.65	0.0	46.984	1.045	0.0	36.958	0.774	0.0	45.893	1.133	0.0	44.107	0.66	0.0	47.149	0.947	0.0	35.962	0.717	0.0	42.108	0.921
9	9453	9454	SN	1	0.0	46.921	3.945	0.0	47.281	4.492	0.0	44.244	4.465	0.0	47.36	5.427	0.0	47.521	4.006	0.0	49.165	4.34	0.0	43.364	4.444	0.0	45.7	5.355
10	9453	9454	SN	1	0.0	45.09	1.275	0.0	43.033	1.836	0.0	37.205	1.411	0.0	43.591	2.158	0.0	44.59	1.309	0.0	42.196	1.779	0.0	37.826	1.435	0.0	42.236	1.936
11	9454	9455	SN	1	0.0	40.047	0.643	0.0	46.071	1.019	0.0	40.514	1.024	0.0	38.069	1.376	0.0	38.724	0.639	0.0	46.938	0.902	0.0	38.41	0.967	0.0	35.522	1.056
12	9454	9455	SN	1	0.0	42.16	2.272	0.0	47.389	3.168	0.0	40.878	3.231	0.0	45.421	4.311	0.0	41.261	2.314	0.0	47.281	3.003	0.0	40.062	3.108	0.0	42.27	3.417
13	9454	9455	SN	1	0.0	42.16	2.291	0.0	45.93	3.106	0.0	41.067	3.12	0.0	43.724	4.212	0.0	41.261	2.291	0.0	46.962	2.944	0.0	44.057	3.035	0.0	40.581	3.317
14	9454	9455	SN	1	0.0	42.592	2.311	0.0	46.435	3.147	0.0	41.758	3.085	0.0	39.555	4.219	0.0	41.691	2.342	0.0	46.721	2.985	0.0	44.055	2.979	0.0	38.177	3.345
15	9454	9455	SN	1	0.0	43.053	0.654	0.0	46.071	1.035	0.0	39.594	1.052	0.0	38.069	1.414	0.0	41.707	0.649	0.0	46.938	0.917	0.0	37.491	0.994	0.0	35.522	1.084
16	9454	9455	NS	1	0.0	51.783	3.191	0.0	53.266	4.029	0.0	46.251	2.609	0.0	48.898	3.111	0.0	51.294	3.262	0.0	52.033	3.586	0.0	44.137	2.409	0.0	46.081	2.663
17	9454	9455	SN	1	0.0	41.432	0.641	0.0	40.988	1.01	0.0	39.506	1.063	0.0	37.713	1.444	0.0	40.099	0.636	0.0	40.382	0.904	0.0	37.403	0.973	0.0	35.387	1.114
18	9454	9455	NS	1	0.0	51.783	3.191	0.0	53.266	4.029	0.0	46.251	2.609	0.0	48.898	3.111	0.0	51.294	3.262	0.0	52.033	3.586	0.0	44.137	2.409	0.0	46.081	2.663
19	9454	9455	NS	1	0.0	46.981	0.75	0.0	48.031	0.971	0.0	44.982	0.585	0.0	44.083	0.786	0.0	46.938	0.766	0.0	46.386	0.887	0.0	43.887	0.543	0.0	40.57	0.698
20	9454	9455	NS	1	0.0	46.981	0.75	0.0	48.031	0.971	0.0	44.982	0.585	0.0	44.083	0.786	0.0	46.938	0.766	0.0	46.386	0.887	0.0	43.887	0.543	0.0	40.57	0.698
21	9455	9456	SN	1	0.0	41.229	3.048	0.0	50.01	3.724	0.0	42.08	3.092	0.0	46.679	4.39	0.0	40.147	3.088	0.0	49.103	3.683	0.0	40.919	3.014	0.0	44.849	4.056
22	9455	9456	SN	1	0.0	34.246	0.861	0.0	39.452	1.087	0.0	42.445	0.996	0.0	40.126	1.511	0.0	34.633	0.868	0.0	40.062	1.11	0.0	39.935	0.974	0.0	39.717	1.332
23	9455	9456	SN	1	0.0	38.452	0.861	0.0	43.358	1.096	0.0	36.579	0.996	0.0	38.978	1.523	0.0	38.115	0.89	0.0	43.751	1.069	0.0	35.547	0.969	0.0	37.397	1.339
24	9455	9456	NS	1	0.0	47.6	1.381	0.0	44.323	1.745	0.0	43.042	1.252	0.0	46.721	1.615	0.0	48.04	1.401	0.0	42.267	1.718	0.0	43.082	1.227	0.0	45.94	1.578
25	9455	9456	NS	1	0.0	51.039	4.729	0.0	59.603	5.629	0.0	51.848	4.577	0.0	49.17	5.494	0.0	52.326	4.85	0.0	60.837	5.246	0.0	49.804	4.591	0.0	46.576	5.295
26	9455	9456	NS	1	0.0	43.791	1.341	0.0	46.326	1.734	0.0	46.079	1.251	0.0	48.775	1.681	0.0	44.87	1.335	0.0	48.233	1.687	0.0	45.128	1.288	0.0	47.725	1.564
27	9455	9456	NS	1	0.0	52.216	4.575	0.0	54.044	5.571	0.0	45.918	4.647	0.0	48.175	5.368	0.0	52.854	4.565	0.0	51.515	5.369	0.0	46.846	4.64	0.0	45.356	5.297
28	9455	9456	SN	1	0.0	41.433	2.947	0.0	51.803	3.734	0.0	41.478	3.127	0.0	42.56	4.205	0.0	40.94	2.988	0.0	50.896	3.704	0.0	40.782	3.113	0.0	40.728	4.02
29	9456	9457	SN	1	0.0	42.301	1.769	0.0	47.592	2.508	0.0	40.813	1.625	0.0	38.947	2.237	0.0	43.285	1.76	0.0	47.377	2.337	0.0	39.376	1.579	0.0	37.279	2.06
30	9456	9457	NS	1	0.0	50.347	5.397	0.0	47.006	6.095	0.0	48.225	5.455	0.0	43.418	5.987	0.0	51.101	5.488	0.0	46.702	5.974	0.0	48.152	5.462	0.0	43.257	5.347
31	9456	9457	SN	1	0.0	47.403	6.93	0.0	52.463	8.938	0.0	43.376	5.645	0.0	46.367	6.949	0.0	48.142	7.013	0.0	56.391	8.475	0.0	41.929	5.465	0.0	45.074	6.574

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

32	9456	9457	NS	1	0.0	50.347	5.347	0.0	48.252	6.115	0.0	48.225	5.426	0.0	43.418	5.987	0.0	51.101	5.438	0.0	48.302	5.934	0.0	48.152	5.447	0.0	43.257	5.361
33	9456	9457	SN	1	0.0	47.403	6.944	0.0	52.463	8.873	0.0	43.376	5.581	0.0	46.367	6.885	0.0	48.142	7.025	0.0	56.391	8.418	0.0	41.929	5.398	0.0	45.074	6.509
34	9456	9457	SN	1	0.0	47.403	6.944	0.0	52.463	8.873	0.0	43.376	5.581	0.0	46.367	6.885	0.0	48.142	7.025	0.0	56.391	8.418	0.0	41.929	5.398	0.0	45.074	6.509
35	9456	9457	NS	1	0.0	47.736	1.455	0.0	50.341	1.899	0.0	39.521	1.394	0.0	40.958	1.859	0.0	46.458	1.485	0.0	48.758	1.791	0.0	39.759	1.378	0.0	43.731	1.626
36	9456	9457	NS	1	0.0	47.711	1.456	0.0	50.695	1.911	0.0	42.338	1.426	0.0	41.757	1.795	0.0	46.443	1.474	0.0	48.949	1.784	0.0	43.107	1.402	0.0	42.665	1.591
37	9456	9457	SN	1	0.0	42.301	1.784	0.0	47.592	2.534	0.0	40.813	1.648	0.0	38.947	2.254	0.0	43.285	1.775	0.0	47.377	2.367	0.0	39.376	1.602	0.0	37.279	2.081
38	9456	9457	SN	1	0.0	42.301	1.769	0.0	47.592	2.508	0.0	40.813	1.625	0.0	38.947	2.237	0.0	43.285	1.76	0.0	47.377	2.337	0.0	39.376	1.579	0.0	37.279	2.06
39	9457	9458	SN	1	0.0	53.681	4.794	0.0	50.426	5.995	0.0	49.283	4.221	0.0	45.182	5.412	0.0	53.132	4.784	0.0	51.352	5.372	0.0	49.59	4.228	0.0	44.798	4.94
40	9457	9458	NS	1	0.0	45.48	6.48	0.0	52.962	7.879	0.0	43.794	6.253	0.0	41.692	7.07	0.0	46.255	6.541	0.0	52.7	7.768	0.0	42.82	6.41	0.0	39.317	6.863
41	9457	9458	NS	1	0.0	41.945	1.748	0.0	45.196	2.318	0.0	43.475	1.893	0.0	41.778	2.39	0.0	41.29	1.771	0.0	46.433	2.205	0.0	43.199	1.941	0.0	40.104	2.177
42	9457	9458	NS	1	0.0	44.04	1.935	0.0	50.002	2.355	0.0	36.882	1.898	0.0	37.826	2.327	0.0	43.063	1.978	0.0	48.102	2.274	0.0	37.457	1.91	0.0	38.824	2.229
43	9457	9458	SN	1	0.0	45.788	1.225	0.0	55.311	1.661	0.0	51.289	1.128	0.0	44.012	1.594	0.0	44.919	1.266	0.0	53.849	1.531	0.0	51.247	1.13	0.0	44.065	1.465
44	9457	9458	SN	1	0.0	45.788	1.225	0.0	55.302	1.666	0.0	51.097	1.105	0.0	47.289	1.594	0.0	44.911	1.262	0.0	53.839	1.522	0.0	51.058	1.128	0.0	44.139	1.467
45	9457	9458	SN	1	0.0	45.737	1.268	0.0	55.311	1.688	0.0	51.289	1.159	0.0	44.025	1.628	0.0	44.919	1.317	0.0	53.849	1.558	0.0	51.247	1.184	0.0	44.078	1.524
46	9457	9458	NS	1	0.0	48.766	6.327	0.0	49.122	7.64	0.0	44.365	6.03	0.0	46.886	7.1	0.0	49.355	6.519	0.0	47.21	7.236	0.0	44.058	6.201	0.0	43.283	6.729
47	9457	9458	SN	1	0.0	52.941	4.763	0.0	50.387	6.016	0.0	49.089	4.214	0.0	44.957	5.355	0.0	52.392	4.763	0.0	51.315	5.382	0.0	49.519	4.25	0.0	44.793	4.89
48	9457	9458	SN	1	0.0	53.681	4.718	0.0	50.418	5.895	0.0	49.283	4.333	0.0	45.182	5.454	0.0	53.132	4.707	0.0	51.305	5.353	0.0	47.255	4.371	0.0	44.798	5.036
49	9458	9459	SN	1	0.0	43.622	0.874	0.0	42.461	1.386	0.0	38.684	0.927	0.0	50.353	1.334	0.0	43.38	0.882	0.0	44.369	1.203	0.0	38.165	0.845	0.0	44.078	1.082
50	9458	9459	NS	1	0.131	49.527	4.276	0.0	55.181	4.717	0.0	48.865	4.647	0.0	44.758	5.106	0.201	50.579	4.296	0.0	53.858	4.687	0.0	46.48	4.669	0.0	40.774	4.849
51	9458	9459	SN	1	0.0	48.17	2.955	0.0	46.984	5.103	0.0	40.538	2.938	0.0	48.795	4.2	0.0	49.44	2.955	0.0	47.212	4.567	0.0	39.759	2.824	0.0	46.293	3.579
52	9458	9459	SN	1	0.0	48.007	2.59	0.0	46.984	4.576	0.0	39.984	2.752	0.0	48.795	4.093	0.0	49.44	2.604	0.0	47.212	4.18	0.0	39.759	2.715	0.0	46.293	3.51
53	9458	9459	NS	1	0.0	41.336	1.12	0.0	53.539	1.359	0.0	49.98	1.355	0.0	43.229	1.783	0.0	42.731	1.176	0.0	53.13	1.343	0.0	49.012	1.365	0.0	41.199	1.639
54	9458	9459	NS	1	0.0	42.312	1.061	0.0	50.7	1.341	0.0	49.916	1.344	0.0	45.44	1.783	0.0	43.71	1.113	0.0	50.346	1.313	0.0	48.948	1.36	0.0	41.704	1.644
55	9458	9459	SN	1	0.0	48.17	2.955	0.0	46.984	5.103	0.0	40.538	2.938	0.0	48.795	4.2	0.0	49.44	2.955	0.0	47.212	4.567	0.0	39.759	2.824	0.0	46.293	3.579
56	9458	9459	NS	1	0.119	52.131	4.316	0.0	52.678	4.748	0.0	48.365	4.562	0.0	44.606	4.999	0.215	52.273	4.205	0.0	51.823	4.637	0.0	45.595	4.619	0.0	40.211	4.985
57	9458	9459	SN	1	0.0	38.808	0.862	0.0	42.461	1.372	0.0	36.89	0.915	0.0	50.353	1.304	0.0	39.745	0.871	0.0	44.369	1.201	0.0	36.999	0.844	0.0	44.078	1.077
58	9458	9459	SN	1	0.0	43.622	0.874	0.0	42.461	1.386	0.0	38.684	0.927	0.0	50.353	1.334	0.0	43.38	0.882	0.0	44.369	1.203	0.0	38.165	0.845	0.0	44.078	1.082
59	9459	9460	SN	1	0.0	45.205	0.559	0.0	40.907	0.723	0.0	35.745	0.573	0.0	40.273	0.94	0.0	45.943	0.545	0.0	42.914	0.632	0.0	34.818	0.534	0.0	36.08	0.703
60	9459	9460	NS	1	0.0	46.806	1.571	0.0	47.762	1.991	0.0	48.09	1.572	0.0	39.749	1.932	0.0	47.309	1.539	0.0	48.034	1.83	0.0	46.163	1.508	0.0	37.832	1.692
61	9459	9460	SN	1	0.0	39.707	1.762	0.0	38.202	2.181	0.0	40.213	1.666	0.0	43.359	2.753	0.0	39.567	1.772	0.0	36.701	1.887	0.0	40.406	1.666	0.0	38.047	2.196
62	9459	9460	NS	1	0.0	48.3	5.538	0.0	53.661	6.995	0.0	45.239	4.968	0.0	45.052	6.352	0.0	50.302	5.629	0.0	51.702	6.683	0.0	45.641	5.004	0.0	46.996	5.725
63	9460	9461	NS	1	0.0	49.447	1.124	0.0	46.368	1.557	0.0	46.947	1.073	0.0	45.729	1.573	0.0	50.074	1.117	0.0	45.833	1.43	0.0	46.485	1.011	0.0	42.175	1.333
64	9460	9461	NS	1	0.0	51.432	4.466	0.0	50.101	5.248	0.0	46.733	3.855	0.0	45.366	4.989	0.0	53.239	4.466	0.0	50.698	4.896	0.0	47.092	3.642	0.0	45.375	4.483

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	9436	9437	SN	1	0.0	23.08	7.191	0.0	25.485	8.724	0.0	144.945	3.871	0.0	60.715	5.076	0.0	1.423	0.0	1.81	0.0	0.0	1.869	0.0	0.0	2.168	0.0	
2	9436	9437	SN	1	0.0	23.08	7.258	0.0	24.189	8.688	0.0	144.945	3.956	0.0	16.777	4.919	0.0	1.423	0.0	1.81	0.0	0.0	1.869	0.0	0.0	2.168	0.0	
3	9436	9437	SN	1	0.0	29.345	12.553	0.0	185.412	12.905	0.0	141.857	12.262	0.0	115.592	13.749	0.0	1.435	0.0	1.814	0.0	0.0	1.859	0.0	0.0	2.171	0.0	
4	9436	9437	SN	1	0.0	29.345	12.599	0.0	185.412	12.355	0.0	141.857	12.469	0.0	16.876	12.981	0.0	1.435	0.0	1.814	0.0	0.0	1.859	0.0	0.0	2.171	0.0	
5	9437	9438	NS	1	0.0	141.664	4.961	0.0	25.667	5.991	0.0	354.987	1.615	0.0	20.483	1.916	0.0	1.427	0.0	1.768	0.0	0.0	1.838	0.0	0.0	2.125	0.0	
6	9437	9438	NS	1	0.0	93.554	11.16	0.0	31.347	13.591	0.0	356.404	8.169	0.0	36.52	10.004	0.0	1.405	0.0	1.772	0.0	0.0	1.837	0.0	0.0	2.126	0.0	
7	9437	9438	SN	1	0.0	29.489	12.511	0.0	25.992	12.47	0.0	140.892	11.911	0.0	21.486	13.135	0.0	1.435	0.0	1.816	0.0	0.0	1.858	0.0	0.0	2.168	0.0	
8	9437	9438	SN	1	0.0	24.316	6.977	0.0	24.183	8.444	0.0	140.848	3.622	0.0	16.777	4.625	0.0	1.422	0.0	1.812	0.0	0.0	1.871	0.0	0.0	2.169	0.0	
9	9453	9454	SN	1	0.0	29.599	12.864	0.0	239.85	12.96	0.0	143.605	12.616	0.0	277.01	14.113	0.0	1.436	0.0	1.815	0.0	0.0	1.866	0.0	0.0	2.171	0.0	
10	9453	9454	SN	1	0.0	24.376	7.317	0.0	86.114	8.848	0.0	153.747	4.293	0.0	142.571	5.326	0.0	1.424	0.0	1.812	0.0	0.0	1.875	0.0	0.0	2.171	0.0	
11	9454	9455	SN	1	0.0	24.371	7.353	0.0	232.135	8.872	0.0	165.819	4.272	0.0	244.896	5.305	0.0	1.424	0.0	1.813	0.0	0.0	1.871	0.0	0.0	2.171	0.0	
12	9454	9455	SN	1	0.0	29.483	12.902	0.0	279.15	12.715	0.0	158.981	12.716	0.0	194.875	13.551	0.0	1.437	0.0	1.815	0.0	0.0	1.867	0.0	0.0	2.171	0.0	
13	9454	9455	SN	1	0.0	29.483	12.899	0.0	279.15	12.992	0.0	158.981	12.594	0.0	194.875	13.992	0.0	1.437	0.0	1.815	0.0	0.0	1.867	0.0	0.0	2.171	0.0	
14	9454	9455	SN	1	0.0	29.483	12.909	0.0	132.81	12.992	0.0	158.931	12.608	0.0	106.641	13.95	0.0	1.436	0.0	1.815	0.0	0.0	1.867	0.0	0.0	2.171	0.0	
15	9454	9455	SN	1	0.0	24.371	7.401	0.0	232.135	8.846	0.0	165.819	4.342	0.0	244.896	5.176	0.0	1.424	0.0	1.813	0.0	0.0	1.871	0.0	0.0	2.171	0.0	
16	9454	9455	NS	1	0.0	205.503	11.573	0.0	31.176	13.529	0.0	136.979	8.054	0.0	32.958	9.804	0.0	1.413	0.0	1.768	0.0	0.0	1.831	0.0	0.0	2.121	0.0	
17	9454	9455	SN	1	0.0	24.371	7.335	0.0	129.547	8.868	0.0	165.72	4.272	0.0	243.953	5.316	0.0	1.423	0.0	1.812	0.0	0.0	1.873	0.0	0.0	2.171	0.0	
18	9454	9455	NS	1	0.0	205.503	11.573	0.0	31.176	13.529	0.0	136.979	8.054	0.0	32.958	9.804	0.0	1.413	0.0	1.768	0.0	0.0	1.831	0.0	0.0	2.121	0.0	
19	9454	9455	NS	1	0.0	160.032	4.857	0.0	25.65	5.951	0.0	212.498	1.589	0.0	19.054	1.843	0.0	1.423	0.0	1.765	0.0	0.0	1.834	0.0	0.0	2.121	0.0	
20	9454	9455	NS	1	0.0	160.032	4.857	0.0	25.65	5.951	0.0	212.498	1.589	0.0	19.054	1.843	0.0	1.423	0.0	1.765	0.0	0.0	1.834	0.0	0.0	2.121	0.0	
21	9455	9456	SN	1	0.0	29.544	12.969	0.0	25.981	12.963	0.0	176.403	12.658	0.0	135.904	13.957	0.0	1.438	0.0	1.815	0.0	0.0	1.866	0.0	0.0	2.171	0.0	
22	9455	9456	SN	1	0.0	24.376	7.324	0.0	25.559	8.868	0.0	164.876	4.286	0.0	134.994	5.296	0.0	1.424	0.0	1.812	0.0	0.0	1.87	0.0	0.0	2.17	0.0	
23	9455	9456	SN	1	0.0	24.371	7.328	0.0	25.554	8.87	0.0	164.893	4.271	0.0	135.087	5.307	0.0	1.425	0.0	1.813	0.0	0.0	1.87	0.0	0.0	2.17	0.0	
24	9455	9456	NS	1	0.0	154.492	4.862	0.0	25.656	5.952	0.0	258.728	1.583	0.0	41.396	1.805	0.0	1.424	0.0	1.767	0.0	0.0	1.835	0.0	0.0	2.121	0.0	
25	9455	9456	NS	1	0.0	90.846	11.601	0.0	35.329	13.433	0.0	218.264	7.992	0.0	51.957	9.75	0.0	1.413	0.0	1.769	0.0	0.0	1.833	0.0	0.0	2.122	0.0	
26	9455	9456	NS	1	0.0	120.511	4.874	0.0	25.656	5.949	0.0	307.933	1.593	0.0	34.033	1.802	0.0	1.424	0.0	1.765	0.0	0.0	1.835	0.0	0.0	2.121	0.0	
27	9455	9456	NS	1	0.0	57.464	11.563	0.0	31.176	13.468	0.0	314.11	8.075	0.0	33.829	9.761	0.0	1.413	0.0	1.768	0.0	0.0	1.824	0.0	0.0	2.13	0.0	
28	9455	9456	SN	1	0.0	29.544	12.961	0.0	25.981	12.973	0.0	176.304	12.665	0.0	135.81	13.95	0.0	1.438	0.0	1.815	0.0	0.0	1.866	0.0	0.0	2.171	0.0	
29	9456	9457	SN	1	0.0	24.36	7.328	0.0	25.463	8.87	0.0	154.58	4.219	0.0	295.188	5.264	0.0	1.423	0.0	1.812	0.0	0.0	1.87	0.0	0.0	2.17	0.0	
30	9456	9457	NS	1	0.0	271.997	11.583	0.0	31.171	13.47	0.0	328.322	8.093	0.0	34.254	9.832	0.0	1.413	0.0	1.768	0.0	0.0	1.821	0.0	0.0	2.121	0.0	
31	9456	9457	SN	1	0.0	29.582	12.897	0.0	25.976	12.79	0.0	150.052	12.815	0.0	185.417	13.739	0.0	1.436	0.0	1.814	0.0	0.0	1.868	0.0	0.0	2.174	0.0	

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

32	9456	9457	NS	1	0.0	271.997	11.583	0.0	31.171	13.47	0.0	328.322	8.093	0.0	33.818	9.818	0.0	1.413	0.0	0.0	1.768	0.0	0.0	1.823	0.0	0.0	2.121	0.0
33	9456	9457	SN	1	0.0	29.582	12.899	0.0	25.976	12.97	0.0	150.052	12.719	0.0	185.417	14.018	0.0	1.436	0.0	0.0	1.814	0.0	0.0	1.868	0.0	0.0	2.174	0.0
34	9456	9457	SN	1	0.0	29.582	12.899	0.0	25.976	12.97	0.0	150.052	12.719	0.0	185.417	14.018	0.0	1.436	0.0	0.0	1.814	0.0	0.0	1.868	0.0	0.0	2.174	0.0
35	9456	9457	NS	1	0.0	58.081	4.883	0.0	25.645	5.951	0.0	293.599	1.592	0.0	18.051	1.79	0.0	1.423	0.0	0.0	1.764	0.0	0.0	1.834	0.0	0.0	2.121	0.0
36	9456	9457	NS	1	0.0	25.854	4.87	0.0	25.645	5.953	0.0	293.599	1.599	0.0	19.286	1.8	0.0	1.423	0.0	0.0	1.764	0.0	0.0	1.834	0.0	0.0	2.121	0.0
37	9456	9457	SN	1	0.0	24.36	7.359	0.0	24.161	8.839	0.0	154.58	4.265	0.0	247.582	5.16	0.0	1.423	0.0	0.0	1.812	0.0	0.0	1.87	0.0	0.0	2.17	0.0
38	9456	9457	SN	1	0.0	24.36	7.328	0.0	25.463	8.87	0.0	154.58	4.219	0.0	295.188	5.264	0.0	1.423	0.0	0.0	1.812	0.0	0.0	1.87	0.0	0.0	2.17	0.0
39	9457	9458	SN	1	0.0	29.478	12.801	0.0	78.906	12.838	0.0	142.701	12.207	0.0	145.985	13.476	0.0	1.436	0.0	0.0	1.815	0.0	0.0	1.868	0.0	0.0	2.173	0.0
40	9457	9458	NS	1	0.0	143.84	11.605	0.0	31.182	13.501	0.0	355.219	8.064	0.0	34.381	9.853	0.0	1.412	0.0	0.0	1.767	0.0	0.0	1.822	0.0	0.0	2.12	0.0
41	9457	9458	NS	1	0.0	263.479	4.902	0.0	25.645	5.951	0.0	324.257	1.597	0.0	35.704	1.841	0.0	1.425	0.0	0.0	1.764	0.0	0.0	1.834	0.0	0.0	2.121	0.0
42	9457	9458	NS	1	0.0	219.629	4.888	0.0	25.639	5.954	0.0	354.639	1.588	0.0	41.975	1.838	0.0	1.425	0.0	0.0	1.765	0.0	0.0	1.834	0.0	0.0	2.121	0.0
43	9457	9458	SN	1	0.0	23.086	7.106	0.0	25.534	8.62	0.0	150.234	3.945	0.0	264.067	4.91	0.0	1.424	0.0	0.0	1.812	0.0	0.0	1.87	0.0	0.0	2.17	0.0
44	9457	9458	SN	1	0.0	24.36	7.12	0.0	25.534	8.627	0.0	150.289	3.952	0.0	59.457	4.927	0.0	1.421	0.0	0.0	1.811	0.0	0.0	1.87	0.0	0.0	2.17	0.0
45	9457	9458	SN	1	0.0	23.086	7.177	0.0	24.161	8.531	0.0	150.234	4.074	0.0	264.067	4.765	0.0	1.424	0.0	0.0	1.812	0.0	0.0	1.87	0.0	0.0	2.17	0.0
46	9457	9458	NS	1	0.0	219.635	11.623	0.0	31.182	13.475	0.0	356.84	8.004	0.0	34.915	9.749	0.0	1.413	0.0	0.0	1.767	0.0	0.0	1.822	0.0	0.0	2.122	0.0
47	9457	9458	SN	1	0.0	29.478	12.83	0.0	27.964	12.818	0.0	142.656	12.285	0.0	145.985	13.469	0.0	1.435	0.0	0.0	1.815	0.0	0.0	1.867	0.0	0.0	2.172	0.0
48	9457	9458	SN	1	0.0	29.478	12.886	0.0	78.906	12.111	0.0	142.701	12.605	0.0	43.991	12.519	0.0	1.436	0.0	0.0	1.815	0.0	0.0	1.868	0.0	0.0	2.173	0.0
49	9458	9459	SN	1	0.0	23.08	6.723	0.0	25.595	8.381	0.0	162.477	3.642	0.0	77.803	4.811	0.0	1.424	0.0	0.0	1.812	0.0	0.0	1.872	0.0	0.0	2.169	0.0
50	9458	9459	NS	1	0.0	219.651	11.533	0.0	31.215	13.517	0.0	356.068	8.033	0.0	35.34	9.791	0.0	1.413	0.0	0.0	1.769	0.0	0.0	1.823	0.0	0.0	2.126	0.0
51	9458	9459	SN	1	0.0	29.246	12.981	0.0	25.97	13.026	0.0	140.368	11.907	0.0	83.963	13.532	0.0	1.438	0.0	0.0	1.815	0.0	0.0	1.859	0.0	0.0	2.173	0.0
52	9458	9459	SN	1	0.0	29.246	13.136	0.0	24.112	12.066	0.0	140.368	12.398	0.0	73.071	12.243	0.0	1.438	0.0	0.0	1.815	0.0	0.0	1.859	0.0	0.0	2.173	0.0
53	9458	9459	NS	1	0.0	218.576	4.877	0.0	25.65	5.96	0.0	185.527	1.597	0.0	20.996	1.84	0.0	1.423	0.0	0.0	1.765	0.0	0.0	1.834	0.0	0.0	2.122	0.0
54	9458	9459	NS	1	0.0	95.801	4.893	0.0	25.65	5.949	0.0	133.328	1.592	0.0	20.968	1.834	0.0	1.423	0.0	0.0	1.764	0.0	0.0	1.833	0.0	0.0	2.121	0.0
55	9458	9459	SN	1	0.0	29.246	12.981	0.0	25.97	13.026	0.0	140.368	11.907	0.0	83.963	13.532	0.0	1.438	0.0	0.0	1.815	0.0	0.0	1.859	0.0	0.0	2.173	0.0
56	9458	9459	NS	1	0.0	96.876	11.533	0.0	31.215	13.548	0.0	356.068	8.047	0.0	35.302	9.841	0.0	1.412	0.0	0.0	1.768	0.0	0.0	1.823	0.0	0.0	2.126	0.0
57	9458	9459	SN	1	0.0	23.08	6.782	0.0	24.161	8.204	0.0	162.477	3.805	0.0	77.803	4.638	0.0	1.424	0.0	0.0	1.812	0.0	0.0	1.872	0.0	0.0	2.169	0.0
58	9458	9459	SN	1	0.0	23.08	6.723	0.0	25.595	8.381	0.0	162.477	3.642	0.0	77.803	4.811	0.0	1.424	0.0	0.0	1.812	0.0	0.0	1.872	0.0	0.0	2.169	0.0
59	9459	9460	SN	1	0.0	23.097	6.706	0.0	133.709	8.38	0.0	169.344	3.738	0.0	142.053	4.773	0.0	1.421	0.0	0.0	1.812	0.0	0.0	1.87	0.0	0.0	2.169	0.0
60	9459	9460	NS	1	0.0	266.973	4.884	0.0	25.65	5.967	0.0	355.23	1.581	0.0	37.43	1.811	0.0	1.419	0.0	0.0	1.768	0.0	0.0	1.848	0.0	0.0	2.124	0.0
61	9459	9460	SN	1	0.0	29.527	12.323	0.0	29.585	12.707	0.0	147.824	11.906	0.0	171.023	13.426	0.0	1.436	0.0	0.0	1.815	0.0	0.0	1.856	0.0	0.0	2.174	0.0
62	9459	9460	NS	1	0.0	105.042	11.592	0.0	31.231	13.537	0.0	131.359	8.004	0.0	35.875	9.727	0.0	1.419	0.0	0.0	1.775	0.0	0.0	1.831	0.0	0.0	2.125	0.0
63	9460	9461	NS	1	0.0	96.468	4.872	0.0	25.639	5.979	0.0	152.719	1.582	0.0	21.994	1.798	0.0	1.395	0.0	0.0	1.763	0.0	0.0	1.833	0.0	0.0	2.119	0.0
64	9460	9461	NS	1	0.0	69.365	11.578	0.0	35.5	13.499	0.0	189.713	8.053	0.0	35.897	9.757	0.0	1.412	0.0	0.0	1.768	0.0	0.0	1.831	0.0	0.0	2.121	0.0

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