

2019

FTS-2					
From (UTC)	~	To (UTC)	Partial loss of data	Future data complement	Note
2019/02/18 23:17:07	~	2019/02/19 05:43:33	●	NO	Data creation failed at ground station(s)
2019/02/19 05:49:47	~	2019/02/19 07:22:20	●	NO	
2019/02/19 07:28:39	~	2019/02/20 03:11:37	●	NO	
2019/02/20 04:27:18	~	2019/02/20 07:38:35	●	NO	
2019/04/08 12:38:36	~	2019/04/13 00:38:05		NO	Satellite orbit control maneuver
2019/04/24 04:10:13	~	2019/04/30 00:20:57		NO	
2019/05/31 00:53:11	~	2019/05/31 04:10:55	●	NO	Data creation failed at ground station(s)
2019/06/20 01:07:49	~	2019/06/20 01:08:44	●	YES (from ver.102.102)	
2019/06/24 03:53:32	~	2019/06/24 07:22:47	●	NO	
2019/07/03 15:59:39	~	2019/07/03 19:12:34	●	NO	
2019/07/08 14:26:50	~	2019/07/08 17:38:51		NO	
2019/07/09 12:44:17	~	2019/07/09 19:12:31	●	NO	
2019/07/12 04:28:22	~	2019/07/13 00:52:28		NO	No observation
2019/07/16 21:06:05	~	2019/07/17 01:56:47	●	NO	Data creation failed at ground station(s)
2019/08/15 14:43:25	~	2019/08/15 17:44:05	●	NO	
2019/08/22 00:13:08	~	2019/08/22 00:19:35	●	YES (from ver.102.102)	No observation
2019/08/27 00:03:14	~	2019/08/28 00:19:41		NO	
2019/08/30 02:28:58	~	2019/08/30 06:05:13	●	NO	Data creation failed at ground station(s)
2019/09/14 08:10:48	~	2019/09/14 09:41:29	●	NO	Data record failed on board
2019/11/11 11:17:43	~	2019/11/11 11:20:08	●	NO	
2019/12/11 01:07:27	~	2019/12/13 08:10:34		NO	
2019/12/19 08:08:05	~	2019/12/19 11:22:10	●	NO	

CAI-2							
From (UTC)	~	To (UTC)	Path No.	Partial loss of data	Future data complement	Note	
2019/02/18 22:07:00	~	2019/02/19 07:02:25	12, 18, 77, 83	●	NO	Data creation failed at ground station(s)	
			06, 89		NO		
2019/02/20 00:00:08	~	2019/02/20 07:18:29	13, 19, 84	●	NO		
			01, 07		NO		
2019/03/26 10:19:55	~	2019/03/26 13:34:05	35, 41	●	NO		
2019/04/01 07:05:41	~	2019/04/01 10:19:50	23, 29	●	NO		
2019/04/08 13:25:02	~	2019/04/13 00:58:52	01, 02, 03, 04, 07, 08, 09, 10, 13, 14, 15, 16, 19, 20, 21, 22, 25, 26, 27, 28, 31, 32, 33, 34, 37, 38, 39, 40, 43, 44, 45, 46, 48, 49, 50, 51, 52, 54, 55, 56, 57, 58, 60, 61, 62, 63, 64, 66, 67, 68, 69, 70, 72, 73, 74, 75, 76, 78, 79, 80, 81, 82, 84, 85, 86, 87		NO		
2019/04/24 04:45:34	~	2019/04/30 00:40:51	01, 02, 03, 05, 06, 07, 08, 09, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 88, 89		NO		Satellite orbit control maneuver
2019/07/08 14:29:50	~	2019/07/08 17:40:19	55		NO		
2019/07/09 13:02:07	~	2019/07/09 15:29:06	44, 50	●	NO		
2019/07/21 06:34:11	~	2019/07/21 09:01:11	20, 26	●	NO		
2019/08/29 10:39:37	~	2019/08/29 13:06:38	35, 41	●	NO		
2019/09/05 09:19:23	~	2019/09/05 11:46:24	30, 36	●	NO	Data creation failed at ground station(s)	
2019/09/13 06:38:22	~	2019/09/13 09:05:24	20, 26	●	NO		
2019/09/20 08:32:21	~	2019/09/20 10:59:23	27, 33	●	NO		
2019/10/17 06:09:30	~	2019/10/17 08:36:32	18, 24	●	NO		
2019/10/21 08:51:41	~	2019/10/21 11:18:44	28, 34	●	NO		
2019/10/24 08:03:25	~	2019/10/24 10:30:28	25, 31	●	NO		
2019/11/10 07:51:23	~	2019/11/11 11:19:35	01, 07, 13, 19, 24, 25, 30, 31, 36, 37, 42, 48, 54, 60, 66, 72, 78, 84		NO	Data record failed on board	

2020

FTS-2					
From (UTC)	~	To (UTC)	Partial loss of data	Future data complement	Note
2020/02/08 17:01:45	~	2020/02/18 00:19:30		NO	No observation
2020/02/21 13:39:42	~	2020/02/24 00:19:29		NO	
2020/07/25 01:39:20	~	2020/07/25 06:01:14	●	NO	Data creation failed at ground station(s)
2020/08/04 23:46:06	~	2020/08/05 04:08:47	●	NO	
2020/09/02 08:14:04	~	2020/09/02 11:15:13	●	NO	
2020/10/06 06:47:00	~	2020/10/06 10:52:21	●	NO	
2020/10/30 19:43:47	~	2020/10/30 23:43:50	●	NO	
2020/12/30 03:01:30	~	2020/12/30 09:28:25	●	NO	

CAI-2						
From (UTC)	~	To (UTC)	Path No.	Partial loss of data	Future data complement	Note
2020/02/08 09:24:27	~	2020/02/08 11:51:29	30, 36	●	NO	Data creation failed at ground station(s)
2020/03/24 08:31:19	~	2020/03/24 11:25:51	27, 33, 39	●	NO	
2020/04/27 01:27:14	~	2020/04/27 05:31:17	01, 07, 13	●	NO	
2020/06/17 08:41:23	~	2020/06/17 11:08:23	28, 34	●	NO	
2020/06/18 10:34:39	~	2020/06/18 11:24:33	35	●	NO	
2020/06/23 02:13:04	~	2020/06/23 03:02:58	04	●	NO	
2020/07/07 09:14:00	~	2020/07/07 10:03:55	30	●	NO	
2020/08/05 10:36:33	~	2020/08/05 13:03:33	35, 41	●	NO	
2020/09/30 04:46:23	~	2020/09/30 07:13:25	13, 19	●	NO	
2020/10/06 08:01:15	~	2020/10/06 10:28:18	25, 31	●	NO	
2020/12/03 10:48:02	~	2020/12/03 13:15:05	35, 41	●	NO	

2021 (1/2)

FTS-2					
From (UTC)	~	To (UTC)	Partial loss of data	Future data complement	Note
2021/01/30 13:48:33	~	2021/01/30 17:51:15	●	NO	Data creation failed at ground station(s)
2021/03/15 16:05:31	~	2021/03/21 00:36:21		NO	No observation
2021/05/26 13:39:07	~	2021/05/26 19:57:47	●	NO	Data creation failed at ground station(s)
2021/06/04 09:34:30	~	2021/06/04 13:03:27	●	NO	
2021/06/06 07:13:40	~	2021/06/08 00:54:03		NO	No observation
2021/06/14 21:06:43	~	2021/06/15 01:09:25	●	NO	Data creation failed at ground station(s)
2021/06/17 03:36:38	~	2021/06/19 00:38:01		NO	No observation
2021/08/07 05:37:07	~	2021/08/09 01:27:17		NO	
2021/08/22 17:05:00	~	2021/08/22 21:07:00	●	NO	Data creation failed at ground station(s)
2021/08/23 08:29:49	~	2021/08/23 12:02:58	●	NO	
2021/09/20 01:26:57	~	2021/10/11 00:39:14		NO	No observation
2021/10/20 16:08:08	~	2021/10/20 22:26:48	●	NO	
2021/11/19 08:43:13	~	2021/11/19 12:44:40	●	NO	Data creation failed at ground station(s)
2021/12/01 09:31:41	~	2021/12/01 13:16:33	●	NO	
2021/12/16 15:59:44	~	2021/12/16 20:02:25	●	NO	

CAI-2						
From (UTC)	~	To (UTC)	Path No.	Partial loss of data	Future data complement	Note
2021/01/15 09:26:56	~	2021/01/15 11:53:58	30, 36	●	NO	
2021/01/21 06:12:29	~	2021/01/21 08:39:31	18, 24	●	NO	
2021/03/06 06:41:23	~	2021/03/06 10:45:28	20, 26, 32	●	NO	
2021/04/15 09:19:23	~	2021/04/15 11:46:23	30, 36	●	NO	
2021/04/16 11:12:33	~	2021/04/16 13:39:33	37, 43	●	NO	
2021/04/27 06:04:14	~	2021/04/27 08:31:14	18, 24	●	NO	
2021/06/04 09:48:46	~	2021/06/04 12:15:45	32, 38	●	NO	
2021/06/14 22:12:56	~	2021/06/15 00:39:55	78, 84	●	NO	Data creation failed at ground station(s)
2021/07/05 08:28:10	~	2021/07/05 10:55:10	27, 33	●	NO	
2021/07/08 02:48:31	~	2021/07/08 05:15:30	06, 12	●	NO	
2021/08/11 08:46:59	~	2021/08/11 11:14:00	28, 34	●	NO	
2021/08/13 09:19:33	~	2021/08/13 11:46:33	30, 36	●	NO	
2021/08/21 09:52:45	~	2021/08/21 12:19:46	32, 38	●	NO	
2021/08/24 10:41:37	~	2021/08/24 13:08:38	35, 41	●	NO	
2021/09/05 07:28:51	~	2021/09/05 09:55:53	23, 29	●	NO	
2021/09/14 09:55:37	~	2021/09/14 12:22:38	32, 38	●	NO	
2021/09/20 02:40:53	~	2021/09/20 05:04:58	08		NO	No observation
2021/09/20 13:10:31	~	2021/09/20 17:13:32	44, 50, 56	●	NO	Data creation failed at ground station(s)
2021/09/20 17:13:33	~	2021/09/20 19:38:43	62		NO	Data record failed at ground station(s)
2021/09/20 22:05:54	~	2021/09/21 02:07:11	80, 86		NO	
2021/09/23 01:52:30	~	2021/09/23 04:16:35	05		NO	No observation
2021/09/26 05:05:47	~	2021/09/26 05:55:43	14	●	NO	Data creation failed at ground station(s)
2021/09/26 12:24:06	~	2021/09/26 19:39:34	44, 50, 56, 62		NO	Data record failed at ground station(s)
2021/09/26 22:06:39	~	2021/09/27 02:07:56	80, 86		NO	
2021/09/29 01:53:32	~	2021/09/29 05:54:42	05, 11		NO	
2021/10/02 01:05:16	~	2021/10/02 05:06:26	02, 08		NO	No observation
2021/10/05 01:53:54	~	2021/10/05 05:55:03	05, 11		NO	
2021/10/06 19:08:09	~	2021/10/06 21:35:12	66, 72	●	NO	Data creation failed at ground station(s)
2021/10/08 01:05:40	~	2021/10/08 03:29:44	02		NO	No observation

2021 (2/2)

FTS-2					
From (UTC)	~	To (UTC)	Partial loss of data	Future data complement	Note

CAI-2						
From (UTC)	~	To (UTC)	Path No.	Partial loss of data	Future data complement	Note
2021/11/18 17:21:02	~	2021/11/18 20:17:40	61, 67	●	NO	Data creation failed at ground station(s)
2021/12/01 10:01:51	~	2021/12/01 12:28:54	32, 38	●	NO	
2021/12/09 08:57:15	~	2021/12/09 11:24:18	28, 34	●	NO	
2021/12/26 08:40:52	~	2021/12/26 11:07:54	27, 33	●	NO	

2022

FTS-2					
From (UTC)	~	To (UTC)	Partial loss of data	Future data complement	Note
2022/01/17 01:09:32	~	2022/01/17 05:58:59		NO	
2022/01/17 23:56:44	~	2022/01/18 02:57:48	●	NO	Data creation failed at ground station(s)
2022/02/12 01:41:35	~	2022/02/12 05:23:53	●	NO	
2022/02/15 15:31:19	~	2022/02/17 01:26:11		NO	No observation
2022/04/16 18:42:39	~	2022/04/17 01:01:13	●	NO	
2022/05/05 20:33:19	~	2022/05/05 23:47:19	●	NO	
2022/05/16 05:46:35	~	2022/05/16 08:56:18	●	NO	Data creation failed at ground station(s)
2022/08/12 05:13:43	~	2022/08/12 08:23:26	●	NO	
2022/11/08 09:36:42	~	2022/11/08 15:55:17	●	NO	
2022/11/09 14:17:24	~	2022/11/09 14:36:14		NO	Product accuracy is low
2022/12/02 09:52:16	~	2022/12/02 13:05:27		NO	Data creation failed at ground station(s)
2022/12/08 02:11:54	~	2022/12/08 05:57:12	●	NO	

CAI-2						
From (UTC)	~	To (UTC)	Path No.	Partial loss of data	Future data complement	Note
2022/01/17 00:52:03	~	2022/01/17 04:53:16	01, 07		NO	
2022/02/12 02:09:16	~	2021/02/12 04:36:17	03, 09	●	NO	
2022/02/14 07:32:37	~	2022/02/14 09:59:38	23, 29	●	NO	
2022/02/16 04:50:36	~	2022/02/16 10:31:46	13, 19, 25, 31	●	NO	
2022/02/24 11:50:24	~	2022/02/24 14:17:25	39, 45	●	NO	
2022/03/28 07:27:52	~	2022/03/28 09:54:52	23, 29	●	NO	
2022/05/05 20:52:48	~	2022/05/05 23:19:47	73, 79	●	NO	
2022/05/16 18:58:37	~	2022/05/17 00:39:45	66, 72, 78, 84	●	NO	
2022/05/31 08:26:44	~	2022/05/31 10:53:43	27, 33	●	NO	Data creation failed at ground station(s)
2022/07/25 05:28:58	~	2022/07/25 07:55:58	16, 22	●	NO	
2022/08/28 22:47:08	~	2022/08/28 23:35:58	80	●	NO	
2022/09/14 20:55:34	~	2022/09/14 23:22:35	73, 79	●	NO	
2022/09/21 06:38:45	~	2022/09/21 10:42:52	20, 26, 32	●	NO	
2022/09/30 04:14:05	~	2022/09/30 06:41:07	11, 17	●	NO	
2022/10/25 09:24:04	~	2022/10/25 12:10:41	30, 36	●	NO	
2022/11/12 15:53:51	~	2022/11/12 18:19:48	54, 60	●	NO	
2022/12/02 09:11:54	~	2022/12/02 13:13:08	32, 38		NO	
2022/12/22 08:54:31	~	2022/12/22 11:21:34	28, 34	●	NO	

2023(1/2)

FTS-2					
From (UTC)	~	To (UTC)	Partial loss of data	Future data complement	Note
2023/01/08 08:31:25	~	2023/01/08 11:45:00		NO	Data creation failed at ground station(s)
2023/01/25 14:28:14	~	2023/01/29 00:51:12		NO	No observation
2023/04/06 03:32:46	~	2023/04/06 07:33:31	●	NO	
2023/07/03 16:47:52	~	2023/07/03 19:30:49	●	NO	
2023/09/20 15:25:31	~	2023/09/20 16:59:59	●	NO	
2023/09/20 17:00:00	~	2023/09/20 18:58:18		NO	Data creation failed at ground station(s)
2023/09/20 18:58:19	~	2023/09/20 20:16:41	●	NO	
2023/10/20 05:43:18	~	2023/10/20 07:19:17	●	NO	
2023/10/20 07:19:18	~	2023/10/20 08:57:27		NO	
2023/10/20 08:57:28	~	2023/10/20 10:34:28	●	NO	
2023/11/07 05:43:27	~	2023/11/07 07:01:25	●	NO	Data creation failed at ground station(s)
2023/11/07 05:46:39	~	2023/11/07 07:17:25	●	NO	Data creation failed at ground station(s) *Calibration Product
2023/11/07 07:01:30	~	2023/11/07 07:20:27		NO	ProductQualityFlag is "NG"
2023/11/07 07:20:32	~	2023/11/07 07:49:47	●	NO	Data creation failed at ground station(s)
2023/11/07 07:25:27	~	2023/11/07 08:56:32		NO	ProductQualityFlag is "NG" *Calibration Product
2023/11/07 07:50:43	~	2023/11/07 08:57:32		NO	ProductQualityFlag is "NG"
2023/11/07 08:57:37	~	2023/11/07 09:26:52	●	NO	Data creation failed at ground station(s)
2023/11/07 09:04:38	~	2023/11/07 10:26:31	●	NO	Data creation failed at ground station(s) *Calibration Product
2023/11/07 15:25:57	~	2023/11/07 15:55:11	●	NO	Data creation failed at ground station(s)
2023/11/07 15:30:56	~	2023/11/07 17:01:56	●	NO	Data creation failed at ground station(s) *Calibration Product
2023/11/07 15:55:12	~	2023/11/07 18:58:37		NO	Data creation failed at ground station(s)
2023/11/07 17:01:57	~	2023/11/07 19:19:08		NO	Data creation failed at ground station(s) *Calibration Product
2023/11/07 18:58:38	~	2023/11/07 19:09:21	●	NO	Data creation failed at ground station(s)
2023/11/07 19:19:09	~	2023/11/07 20:10:43	●	NO	Data creation failed at ground station(s) *Calibration Product
2023/12/11 08:25:39	~	2023/12/11 09:45:20	●	NO	Data creation failed at ground station(s)
2023/12/11 08:26:07	~	2023/12/11 09:30:53	●	NO	Data creation failed at ground station(s) *Calibration Product
2023/12/11 09:45:25	~	2023/12/11 10:42:18		NO	Data creation failed at ground station(s)

CAI-2						
From (UTC)	~	To (UTC)	Path No.	Partial loss of data	Future data complement	Note
2023/01/08 07:50:49	~	2023/01/08 10:14:58	27		NO	
2023/01/16 04:18:39	~	2023/01/16 06:45:41	11, 17	●	NO	
2023/01/17 09:25:59	~	2023/01/17 11:53:01	30, 36	●	NO	Data creation failed at ground station(s)
2023/01/17 15:54:16	~	2023/01/17 18:21:18	54, 60	●	NO	
2023/01/22 23:43:13	~	2023/01/23 02:10:15	83, 89	●	NO	
2023/01/26 02:58:35	~	2023/01/26 16:42:14	09, 15, 21, 27, 33, 39, 45, 51		NO	No observation
2023/02/02 05:38:26	~	2023/02/02 08:05:28	16, 22	●	NO	
2023/02/10 09:24:14	~	2023/02/10 11:51:15	30, 36	●	NO	
2023/02/10 12:38:22	~	2023/02/10 15:05:24	42, 48	●	NO	
2023/02/10 15:52:31	~	2023/02/10 16:42:28	54	●	NO	
2023/02/10 17:29:35	~	2023/02/10 18:19:32	60		NO	
2023/02/15 07:30:34	~	2023/02/15 09:57:35	23, 29	●	NO	
2023/02/16 22:20:16	~	2023/02/17 00:47:17	78, 84	●	NO	
2023/02/19 11:49:03	~	2023/02/19 14:16:04	39, 45	●	NO	Data creation failed at ground station(s)
2023/03/15 08:32:27	~	2023/03/15 10:59:28	27, 33	●	NO	
2023/09/14 15:48:36	~	2023/09/14 16:37:27	54	●	NO	
2023/09/14 16:37:28	~	2023/09/14 19:02:39	60		NO	
2023/09/20 15:02:29	~	2023/09/20 19:03:24	54, 60		NO	
2023/10/20 05:23:29	~	2023/10/20 09:24:23	18, 24		NO	
2023/11/07 06:12:08	~	2023/11/07 08:39:11	18, 24	●	NO	
2023/11/07 15:54:38	~	2023/11/07 16:22:04	54		NO	ProductQualityFlag is "NG"
2023/11/07 16:22:05	~	2023/11/07 19:08:40	54, 60		NO	
2023/12/06 14:03:15	~	2023/12/06 16:30:18	47, 53	●	NO	
2023/12/15 03:32:30	~	2023/12/15 05:59:33	08, 14	●	NO	Data creation failed at ground station(s)
2023/12/20 11:21:44	~	2023/12/20 13:48:47	37, 43	●	NO	
2023/12/28 02:11:41	~	2023/12/28 04:38:44	03, 09	●	NO	

2023(2/2)

FTS-2					
From (UTC)	~	To (UTC)	Partial loss of data	Future data complement	Note
2023/12/11 09:30:54	~	2023/12/11 10:45:02		NO	Data creation failed at ground station(s) *Calibration Product
2023/12/11 10:42:19	~	2023/12/11 11:39:44	●	NO	Data creation failed at ground station(s)
2023/12/11 10:45:03	~	2023/12/11 11:35:32	●	NO	Data creation failed at ground station(s) *Calibration Product

CAI-2						
From (UTC)	~	To (UTC)	Path No.	Partial loss of data	Future data complement	Note

2024(1/4)

FTS-2					
From (UTC)	~	To (UTC)	Partial loss of data	Future data complement	Note
2024/01/25 20:40:43	~	2024/01/25 23:40:56	●	NO	Data creation failed at ground station(s)
2024/01/26 18:54:34	~	2024/01/26 19:13:20		NO	Product accuracy is low
2024/02/24 14:11:52	~	2024/02/24 17:12:24	●	NO	
2024/03/06 15:27:17	~	2024/03/06 18:41:21	●	NO	Data creation failed at ground station(s)
2024/03/22 14:55:06	~	2024/03/22 15:16:25	●	NO	
2024/03/22 14:57:54	~	2024/03/22 15:07:19	●	NO	Data creation failed at ground station(s)
2024/03/22 15:07:20	~	2024/03/22 21:52:48		NO	*Calibration Product
2024/03/22 15:16:26	~	2024/03/22 21:40:08		NO	Data creation failed at ground station(s)
2024/03/22 21:40:09	~	2024/03/22 21:47:42	●	NO	
2024/03/22 21:52:49	~	2024/03/22 22:55:12	●	NO	Data creation failed at ground station(s)
2024/03/23 03:51:44	~	2024/03/23 04:09:24	●	NO	*Calibration Product
2024/03/23 03:52:07	~	2024/03/23 04:12:12	●	NO	Data creation failed at ground station(s)
2024/03/23 04:09:02	~	2024/03/23 07:38:42		NO	Data creation failed at ground station(s)
2024/03/23 04:12:13	~	2024/03/23 07:30:13		NO	*Calibration Product
2024/03/23 07:38:43	~	2024/03/23 08:39:51	●	NO	Data creation failed at ground station(s)
2024/03/24 02:30:50	~	2024/03/24 02:49:12	●	NO	*Calibration Product
2024/03/24 02:37:41	~	2024/03/24 02:49:31	●	NO	Data creation failed at ground station(s)
2024/03/24 02:49:13	~	2024/03/23 08:35:02		NO	*Calibration Product
2024/03/24 02:49:32	~	2024/03/24 08:47:04		NO	Data creation failed at ground station(s)
2024/03/24 08:35:03	~	2024/03/24 09:22:35	●	NO	*Calibration Product
2024/03/24 08:47:05	~	2024/03/24 08:56:26	●	NO	Data creation failed at ground station(s)
2024/03/24 09:04:32	~	2024/03/24 09:13:57	●	NO	
2024/03/24 09:13:58	~	2024/03/24 13:29:33		NO	*Calibration Product
2024/03/24 09:22:36	~	2024/03/24 15:51:40		NO	Data creation failed at ground station(s)
2024/03/24 15:31:37	~	2024/03/24 17:01:50	●	NO	Data creation failed at ground station(s)
2024/03/24 18:48:44	~	2024/03/24 20:10:37	●	NO	*Calibration Product
2024/04/24 01:12:37	~	2024/04/24 04:23:02	●	NO	Data creation failed at ground station(s)

CAI-2						
From (UTC)	~	To (UTC)	Path No.	Partial loss of data	Future data complement	Note
2024/02/22 04:18:10	~	2024/02/22 06:45:11	11, 17	●	NO	
2024/02/22 23:43:02	~	2024/02/23 02:10:03	83, 89	●	NO	
2024/03/05 07:31:16	~	2024/03/05 09:58:17	23, 29	●	NO	
2024/03/17 20:26:44	~	2024/03/17 22:53:44	71, 77	●	NO	
2024/03/18 02:55:01	~	2024/03/18 05:22:01	06, 12	●	NO	
2024/03/21 11:48:39	~	2024/03/21 14:15:39	39, 45	●	NO	
2024/03/22 15:18:51	~	2024/03/22 21:47:07	52, 58, 64, 70		NO	Data creation failed at ground station(s)
2024/03/23 03:28:32	~	2024/03/23 07:30:55	11, 17		NO	
2024/03/23 07:30:56	~	2024/03/23 08:19:29	23	●	NO	
2024/03/23 23:40:15	~	2024/03/24 00:29:05	83	●	NO	
2024/03/24 00:29:06	~	2024/03/24 13:15:28	06, 12, 18, 24, 30, 36, 89		NO	
2024/03/28 05:35:51	~	2024/03/28 06:25:47	16	●	NO	
2024/04/04 10:42:39	~	2024/04/04 13:09:39	35, 41	●	NO	
2024/05/06 04:44:09	~	2024/05/06 07:11:08	13, 19	●	NO	
2024/05/10 00:10:29	~	2024/05/10 04:11:23	5, 88		NO	No observation
2024/05/12 00:42:17	~	2024/05/12 07:58:56	01, 07, 13, 19		NO	
2024/05/12 07:58:57	~	2024/05/12 08:47:36	25	●	NO	
2024/05/12 17:40:06	~	2024/05/12 20:07:04	61, 67	●	NO	Data creation failed at ground station(s)
2024/05/12 20:07:05	~	2024/05/12 22:31:17	73		NO	
2024/05/12 22:31:18	~	2024/05/12 23:21:13	79	●	NO	
2024/05/12 23:21:14	~	2024/05/12 23:21:28	85		NO	
2024/05/12 23:21:29	~	2024/05/13 06:40:54	2, 8, 14, 85		NO	No observation
2024/05/13 06:40:55	~	2024/05/13 07:26:31	20	●	NO	
2024/05/13 08:13:41	~	2024/05/13 08:19:04	26	●	NO	
2024/05/13 08:19:05	~	2024/05/13 13:09:13	32, 38		NO	Data creation failed at ground station(s)
2024/05/13 13:09:14	~	2024/05/13 13:54:51	44	●	NO	
2024/05/16 00:10:02	~	2024/05/16 04:10:52	5, 88		NO	No observation

2024(2/4)

FTS-2					
From (UTC)	~	To (UTC)	Partial loss of data	Future data complement	Note
2024/05/06 07:38:50	~	2024/05/06 10:52:50	●	NO	Data creation failed at ground station(s)
2024/05/10 00:09:32	~	2024/06/07 00:05:44		NO	No observation
2024/06/07 01:42:40	~	2024/06/07 02:00:24	●	NO	Data creation failed at ground station(s)
2024/06/07 01:47:16	~	2024/06/07 01:47:53	●	NO	Data creation failed at ground station(s)
2024/06/07 01:47:54	~	2024/06/07 05:30:43		NO	*Calibration Product
2024/06/07 02:00:25	~	2024/06/07 05:18:54		NO	Data creation failed at ground station(s)
2024/06/07 05:18:55	~	2024/06/07 05:45:12	●	NO	Data creation failed at ground station(s)
2024/06/07 05:30:44	~	2024/06/07 06:24:04	●	NO	Data creation failed at ground station(s)
2024/07/21 16:48:10	~	2024/07/21 20:02:10	●	NO	Data creation failed at ground station(s)
2024/08/09 05:44:29	~	2024/08/09 06:04:43	●	NO	Data creation failed at ground station(s)
2024/08/09 05:47:41	~	2024/08/09 05:59:40	●	NO	Data creation failed at ground station(s)
2024/08/09 05:59:41	~	2024/08/09 09:28:02		NO	Data creation failed at ground station(s)
2024/08/09 06:04:44	~	2024/08/09 09:22:07		NO	Data creation failed at ground station(s)
2024/08/09 09:22:08	~	2024/08/09 10:35:25	●	NO	
2024/08/09 09:28:03	~	2024/08/09 10:35:39	●	NO	Data creation failed at ground station(s)
2024/08/26 20:01:42	~	2024/08/26 20:10:11	●	NO	*Calibration Product
2024/08/26 20:02:05	~	2024/08/26 20:19:08	●	NO	Data creation failed at ground station(s)
2024/08/26 20:10:12	~	2024/08/26 23:51:37		NO	Data creation failed at ground station(s)
2024/08/26 20:19:09	~	2024/08/26 23:32:20		NO	Data creation failed at ground station(s)
2024/08/26 23:32:21	~	2024/08/26 23:37:39	●	NO	
2024/08/26 23:51:38	~	2024/08/27 00:49:07	●	NO	Data creation failed at ground station(s)
2024/09/17 14:40:03	~	2024/09/17 16:10:40	●	NO	Data creation failed at ground station(s)
2024/09/17 15:01:55	~	2024/09/17 18:16:17		NO	Data creation failed at ground station(s)
2024/09/17 16:10:41	~	2024/09/17 18:06:24		NO	Data creation failed at ground station(s)
2024/09/17 18:06:25	~	2024/09/17 19:28:15	●	NO	Data creation failed at ground station(s)
2024/09/19 14:43:25	~	2024/09/25 00:37:20		NO	No observation

CAI-2						
From (UTC)	~	To (UTC)	Path No.	Partial loss of data	Future data complement	Note
2024/05/19 00:58:19	~	2024/05/19 04:59:09	2, 8		NO	No observation
2024/05/19 22:47:09	~	2024/05/19 23:37:04	80	●	NO	
2024/05/20 00:24:14	~	2024/05/20 01:13:02	86		NO	Data creation failed at ground station(s)
2024/05/20 02:01:18	~	2024/05/20 02:51:13	3	●	NO	
2024/05/22 00:09:40	~	2024/05/22 04:10:32	5, 88		NO	No observation
2024/05/24 23:20:47	~	2024/05/25 04:58:47	2, 8, 85		NO	
2024/05/25 00:07:40	~	2024/05/25 00:54:14	85		NO	
2024/05/26 02:00:56	~	2024/05/26 04:27:55	3, 9	●	NO	Data creation failed at ground station(s)
2024/05/30 02:18:42	~	2024/05/30 06:19:37	7, 13		NO	No observation
2024/06/01 05:14:55	~	2024/06/01 07:41:54	15, 21	●	NO	Data creation failed at ground station(s)
2024/06/06 02:34:26	~	2024/06/06 06:35:21	8, 14		NO	No observation
2024/06/07 02:00:25	~	2024/06/07 02:03:37	3	●	NO	
2024/06/07 02:03:38	~	2024/06/07 05:20:30	3, 9		NO	
2024/06/07 05:20:31	~	2024/06/07 06:04:29	15	●	NO	
2024/06/25 08:28:16	~	2024/06/25 10:55:15	27, 33	●	NO	
2024/06/29 04:41:45	~	2024/06/29 07:08:44	13, 19	●	NO	
2024/06/29 14:24:13	~	2024/06/29 16:51:12	49, 55	●	NO	
2024/07/07 11:42:30	~	2024/07/07 14:09:29	39, 45	●	NO	
2024/08/09 06:04:06	~	2024/08/09 06:10:26	18	●	NO	Data creation failed at ground station(s)
2024/08/09 06:10:27	~	2024/08/09 09:23:42	24		NO	
2024/08/09 09:23:43	~	2024/08/09 10:08:11	30	●	NO	
2024/08/26 19:35:48	~	2024/08/26 23:09:06	71, 77		NO	
2024/08/28 11:12:58	~	2024/08/28 13:39:59	37, 43	●	NO	
2024/08/30 05:17:15	~	2024/08/30 09:20:15	15, 21, 27	●	NO	
2024/08/30 10:08:30	~	2024/08/30 10:58:26	33		NO	
2024/08/30 11:46:41	~	2024/08/30 12:35:31	39	●	NO	

2024(3/4)

FTS-2					
From (UTC)	~	To (UTC)	Partial loss of data	Future data complement	Note
2024/10/11 08:09:21	~	2024/10/11 08:36:02	●	NO	Data creation failed at ground station(s)
2024/10/11 08:14:02	~	2024/10/11 09:44:43	●	NO	Data creation failed at ground station(s) *Calibration Product
2024/10/11 08:36:03	~	2024/10/11 11:46:27		NO	Data creation failed at ground station(s)
2024/10/11 09:44:44	~	2024/10/11 11:31:35		NO	Data creation failed at ground station(s)
2024/10/11 11:31:36	~	2024/10/11 12:53:34	●	NO	*Calibration Product
2024/10/11 11:46:28	~	2024/10/11 11:50:16	●	NO	Data creation failed at ground station(s)
2024/10/11 14:37:40	~	2024/10/11 14:59:08	●	NO	
2024/10/11 14:40:47	~	2024/10/11 14:50:02	●	NO	Data creation failed at ground station(s)
2024/10/11 14:50:03	~	2024/10/11 18:35:22		NO	*Calibration Product
2024/10/11 14:59:09	~	2024/10/11 18:11:01		NO	Data creation failed at ground station(s)
2024/10/11 18:11:02	~	2024/10/11 18:18:35	●	NO	
2024/10/11 18:35:23	~	2024/10/11 19:28:49	●	NO	Data creation failed at ground station(s) *Calibration Product
2024/10/13 00:36:17	~	2024/10/13 00:53:15	●	NO	Data creation failed at ground station(s)
2024/10/13 00:41:44	~	2024/10/13 00:51:04	●	NO	Data creation failed at ground station(s)
2024/10/13 00:51:05	~	2024/10/13 04:33:54		NO	*Calibration Product
2024/10/13 00:53:16	~	2024/10/13 04:17:25		NO	Data creation failed at ground station(s)
2024/10/13 04:33:55	~	2024/10/13 05:21:45	●	NO	Data creation failed at ground station(s)
2024/10/14 05:43:40	~	2024/10/14 07:20:40	●	NO	*Calibration Product
2024/10/14 05:43:59	~	2024/10/14 06:10:44	●	NO	Data creation failed at ground station(s)
2024/10/14 06:10:45	~	2024/10/14 09:21:23		NO	
2024/10/14 07:20:41	~	2024/10/14 09:36:00		NO	Data creation failed at ground station(s) *Calibration Product
2024/10/14 09:21:24	~	2024/10/14 09:24:54	●	NO	Data creation failed at ground station(s)
2024/10/14 09:36:01	~	2024/10/14 13:48:59	●	NO	Data creation failed at ground station(s) *Calibration Product
2024/10/14 11:02:04	~	2024/10/14 11:50:41	●	NO	
2024/10/14 12:11:59	~	2024/10/14 12:39:04	●	NO	Data creation failed at ground station(s)
2024/10/14 12:39:05	~	2024/10/14 18:58:58		NO	

CAI-2						
From (UTC)	~	To (UTC)	Path No.	Partial loss of data	Future data complement	Note
2024/09/10 18:48:44	~	2024/09/10 21:12:56	68		NO	
2024/09/10 21:12:57	~	2024/09/10 22:02:53	74	●	NO	
2024/09/14 09:21:21	~	2024/09/14 13:25:27	30, 36, 42	●	NO	
2024/09/17 14:37:47	~	2024/09/17 18:15:30	51, 57		NO	
2024/09/17 18:15:31	~	2024/09/17 19:05:27	63	●	NO	
2024/09/23 08:33:47	~	2024/09/23 11:00:48	27, 33	●	NO	
2024/10/02 09:23:13	~	2024/10/02 10:12:04	30	●	NO	
2024/10/02 10:12:05	~	2024/10/02 12:37:22	36		NO	
2024/10/02 12:37:23	~	2024/10/02 13:27:20	42	●	NO	
2024/10/05 15:03:10	~	2024/10/05 17:30:12	51, 57	●	NO	
2024/10/11 07:48:25	~	2024/10/11 11:49:40	27, 33		NO	Data creation failed at ground station(s)
2024/10/11 14:16:44	~	2024/10/11 18:18:00	51, 57		NO	
2024/10/13 00:15:39	~	2024/10/13 04:16:55	5, 88		NO	
2024/10/14 02:56:06	~	2024/10/14 03:44:58	6	●	NO	
2024/10/14 03:44:59	~	2024/10/14 09:24:26	12, 18, 24		NO	
2024/10/14 11:51:30	~	2024/10/14 19:06:56	42, 48, 54, 60		NO	
2024/10/17 11:50:28	~	2024/10/17 14:17:31	39, 45	●	NO	
2024/11/01 09:25:39	~	2024/11/01 11:52:42	30, 36	●	NO	
2024/11/06 14:01:21	~	2024/11/06 16:28:24	47, 53	●	NO	
2024/11/09 12:25:59	~	2024/11/09 16:27:14	44, 50		NO	

2024(4/4)

FTS-2					
From (UTC)	~	To (UTC)	Partial loss of data	Future data complement	Note
2024/10/14 13:49:00	~	2024/10/14 19:23:04		NO	Data creation failed at ground station(s) *Calibration Product
2024/10/14 18:58:59	~	2024/10/14 19:07:23	●	NO	Data creation failed at ground station(s)
2024/10/14 19:23:05	~	2024/10/14 20:07:34	●	NO	Data creation failed at ground station(s) *Calibration Product
2024/10/17 11:25:09	~	2024/10/17 14:37:21	●	NO	
2024/10/17 17:03:08	~	2024/10/17 17:30:50	●	NO	
2024/10/18 13:13:28	~	2024/10/18 13:16:02	●	NO	Data creation failed at ground station(s)
2024/10/31 20:01:02	~	2024/10/31 23:15:07	●	NO	
2024/11/09 12:44:08	~	2024/11/09 13:06:37	●	NO	
2024/11/09 12:47:19	~	2024/11/09 13:05:22	●	NO	Data creation failed at ground station(s)
2024/11/09 13:05:23	~	2024/11/09 16:31:00		NO	*Calibration Product
2024/11/09 13:06:38	~	2024/11/09 16:19:02		NO	Data creation failed at ground station(s)
2024/11/09 16:19:03	~	2024/11/09 16:27:45	●	NO	
2024/11/09 16:31:01	~	2024/11/09 17:25:32	●	NO	Data creation failed at ground station(s) *Calibration Product

Remarks: FTS-2 calibration is performed periodically.
 During calibration and just before and after the calibration, there may be cases in which:
 · No observation point for FTS-2 L1A/L1B exists
 · Part of observation bands is suspended
 · FTS-2 L1A/L1B product is not created

- Types of calibration:
- Solar irradiance calibration
 - Blackbody calibration
 - Nighttime calibration
 - Deep-space calibration
 - Instrument function calibration
 - Lunar calibration
 - Electrical calibration (analog)
 - Electrical calibration (digital)

CAI-2						
From (UTC)	~	To (UTC)	Path No.	Partial loss of data	Future data complement	Note

Remarks: CAI-2 calibration is performed periodically.
 During calibration and just before and after the calibration, there may be no observation point for CAI-2 L1A/L1B products.

- Types of calibration:
- Lunar calibration
 - Electrical calibration
 - Nighttime calibration