

LabSat Library of Worldwide GNSS Recordings and SatGen Artificial Scenarios

The LabSat 3 library includes live recorded LabSat 3 scenarios from around the globe together with a selection of SatGen artificially generated files. The static and dynamic LabSat 3 format scenarios are listed geographically for easy reference together with a Google KML and JPEG picture file for each scenario. Please transfer the scenario folder to the SD card for replay on your LabSat 3 device. For example transfer the folder GPSBDS_China_Static.

Continent	Type	Description	Constellations	Size (GB)	Duration	Satellites In View				
						GPS	BDS	Galileo	GLONASS	SBAS
China	Static	GPSBDS_China_Static	GPS & BDS	9.6	20 Mins	9	10			3
		GPSGLO_China_Static	GPS & GLONASS	9.6	20 Mins	9			7	3
		GPS2BIT_China_Static	GPS	9.6	20 Mins	7				2
	Dynamic	GPSBDS_China_Dyn	GPS & BDS	9.6	20 Mins	10	11			1
		GPSGLO_China_Dyn	GPS & GLONASS	9.6	20 Mins	9			7	2
		GPS2BIT_China_Dyn	GPS	9.6	20 Mins	10				2
Japan	Static	GPS2BIT_Japan_Static	GPS	9.6	20 Mins	12				4
		GPSGLO_Japan_Static	GPS & GLONASS	9.6	20 Mins	14			8	4
		GPSBDS_Japan_Static	GPS & BeiDou	9.6	20 Mins	12	6			3
	Dynamic	GPS2BIT_Japan_Dyn	GPS	9.6	20 Mins	10				4
		GPSGLO_Japan_Dyn	GPS & GLONASS	9.6	20 Mins	12			9	3
		GPSBDS_Japan_Dyn	GPS & BeiDou	9.6	20 Mins	12	6			3
USA	Static	GPS2BIT_USA_Static	GPS	9.1	20 Mins					
		GPSGLO_USA_Static	GPS & GLO	9.1	20 Mins	12		2	8	3
	Dynamic	GPSGLO_USA_Dyn	GPS & GLONASS	9.1	19 Mins	8			8	2
		GPS2BIT_USA_Dyn	GPS	9.1	19 Mins	9				2
South Africa	Static	GPSBDS_SA_Static	GPS & BDS	9.6	20 Mins	6	5			3
		GPSGLO_SA_Static	GPS & GLONASS	9.6	20 Mins	10			8	2
		GPS2BIT_SA_Static	GPS	9.6	20 Mins	11				1
	Dynamic	GPSBDS_SA_Dyn	GPS & BDS	9.2	19 Mins	9	5			3
		GPSGLO_SA_Dyn	GPS & GLONASS	9.6	20 Mins	9			7	1
Brazil	Static	GPS2BIT_SA_Dyn	GPS	9.6	20 Mins	11				2
		GPSGLO_Brazil_Static	GPS & GLONASS	8.6	18 Mins	9			9	3
		GPSGLO_Brazil_Static	GPS & GLONASS	9.5	20 Mins	8				3
	Dynamic	GPS2BIT_Brazil_Static	GPS	9.6	20 Mins	6			6	3
		GPSGLO_Brazil_Dyn	GPS & GLONASS	9.1	19 Mins	9			6	3
Australia	Static	GPS2BIT_Brazil_Dyn	GPS	9.1	19 Mins	9				3
		GPSBDS_Aus_Static	GPS & BDS	9.6	20 Mins	8	6			2
		GPSGLO_Aus_Static	GPS & GLONASS	9.6	20 Mins	8			8	2
	Dynamic	GPS2BIT_Aus_Static	GPS	9.6	20 Mins	9				2
		GPSBDS_Aus_Dyn	GPS & BDS	9.1	19 Mins	8	6			3
		GPSGLO_Aus_Dyn	GPS & GLONASS	8.9	18 Mins	9			8	3
UK	Static	GPS2BIT_Aus_Dyn	GPS	8.4	17 Mins	11				3
		GPSBDS_UK_Static	GPS & BDS	9.4	20 Mins	15	3			3
		GPSGLO_UK_Static	GPS & GLONASS	9.4	20 Mins	10		4		5
	Dynamic	GPS2BIT_UK_Static	GPS	8.9	20 Mins	10		2		5
		GPSBDS_UK_Dyn	GPS & BDS	8.9	20 Mins	9	4			3
		GPSGLO_UK_Dyn	GPS & GLONASS	8.9	19 Mins	9			6	3
Germany	Static	GPS2BIT_UK_Dyn	GPS	8.9	20 Mins	11				2
		GPSGLO_Germany_Static	GPS & GLONASS	8.9	19 Mins	7			5	
		GPS2BIT_Germany_Static	GPS	8.9	19 Mins	8				2
	Dynamic	GPSBDS_Germany_Dyn	GPS & BDS	8.9	19 Mins	9	4			2
		GPSGLO_Germany_Dyn	GPS & GLONASS	8.9	19 Mins	9			8	3
		GPS2BIT_Germany_Dyn	GPS	8.9	19 Mins	11				2
SatGen Scenarios	Dynamic	Calibrate	GPS	1.4	12 Mins	8				
		Circle	GPS	0.2	2 Mins	11				
		Fly_Circle	GPS	1.8	15 Mins	12				
		Heathrow Acceleration	GPS & GLONASS	9.6	21 Mins	8			8	
	Dynamic	Melbourne	GPS	4	33 Mins	11				
		London_Taxi_Route	GPS & GLONASS	3.5	8 Mins	8			8	
		Vesuvius_Rim	GPS & GLONASS	2.3	5 Mins	11			8	
		USA_Racetrack	GPS	3.5	16 Mins	10				