

## PROBA-V geometric Calibration/Validation Status

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QWG 21/04/2021

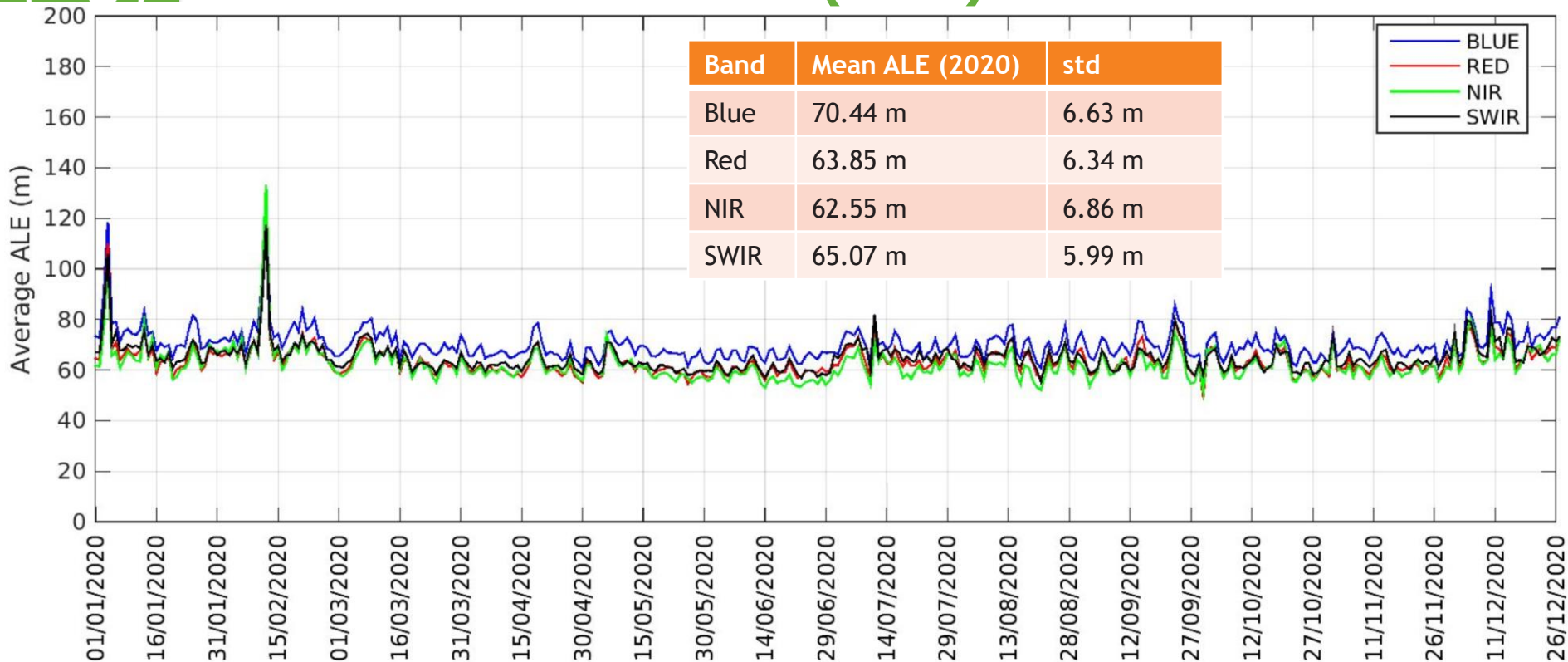


# Outline

- Absolute accuracy
- Interband accuracy
- Multitemporal

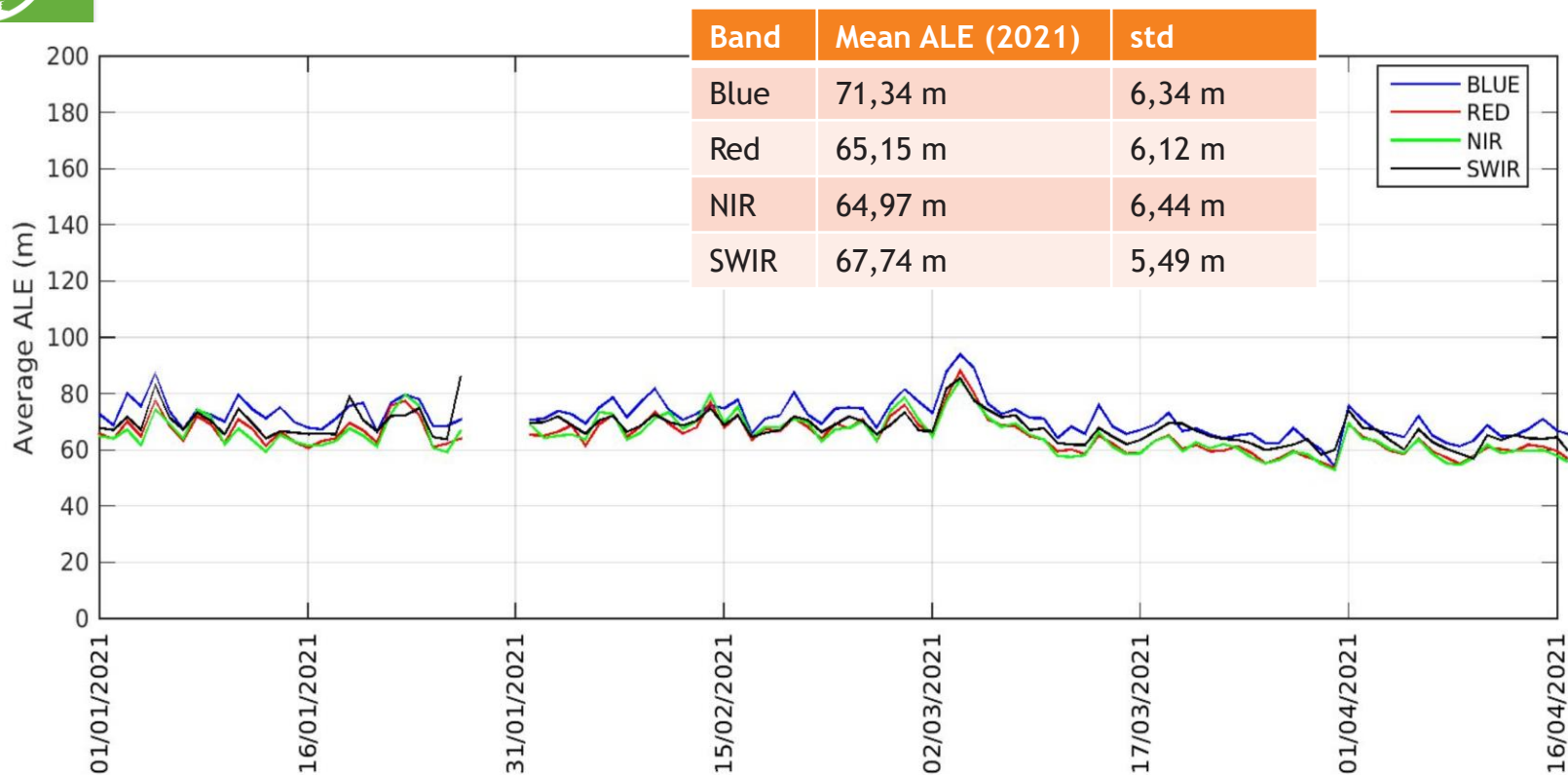


# Absolute location error (2020)





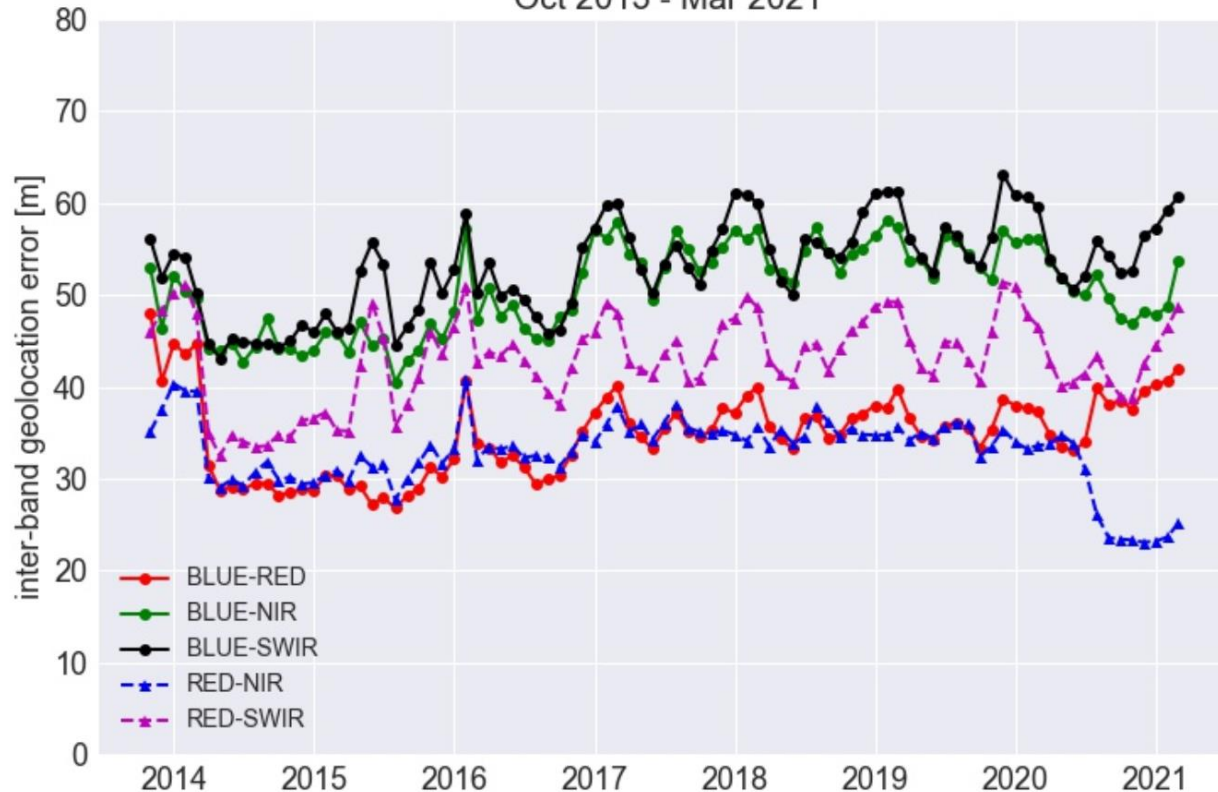
# Absolute location error (2021)





# Inter-band error

PROBA-V Inter-band geolocation accuracy CAM1  
Oct 2013 - Mar 2021

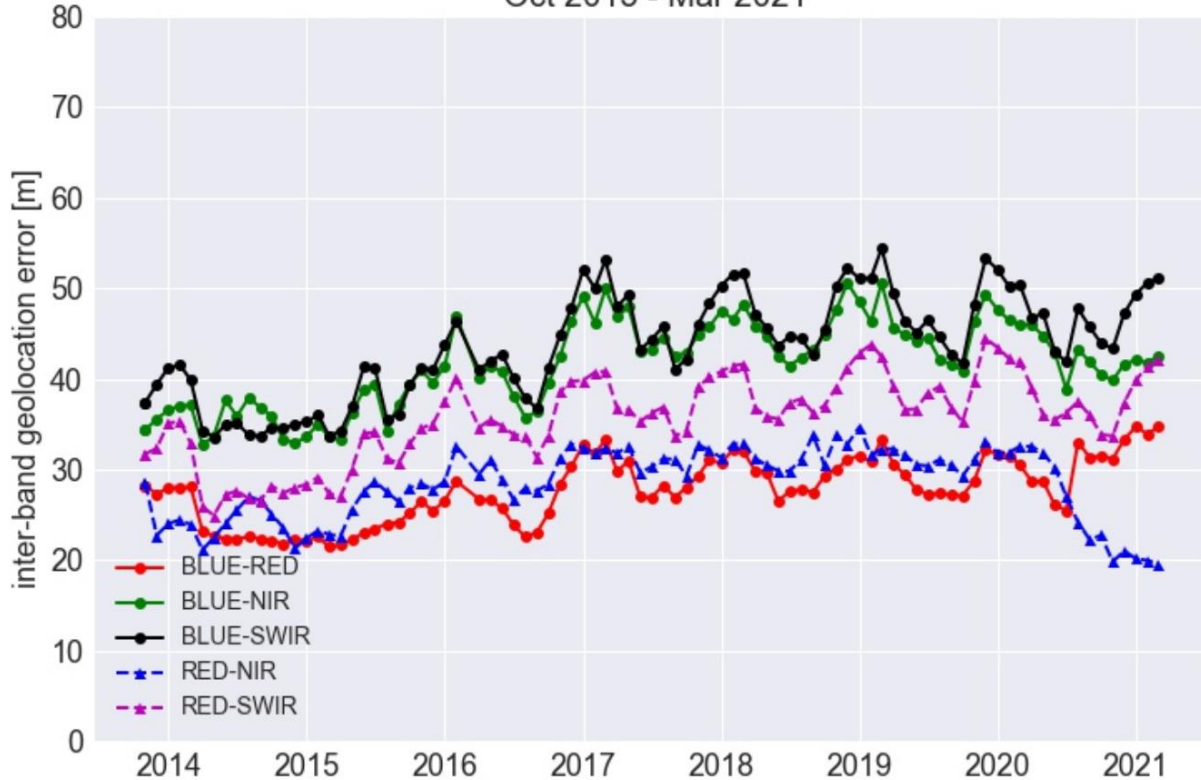


<https://proba-v.vgt.vito.be/en/quality/platform-status-information/inter-band-geolocation-accuracy>



# Inter-band error

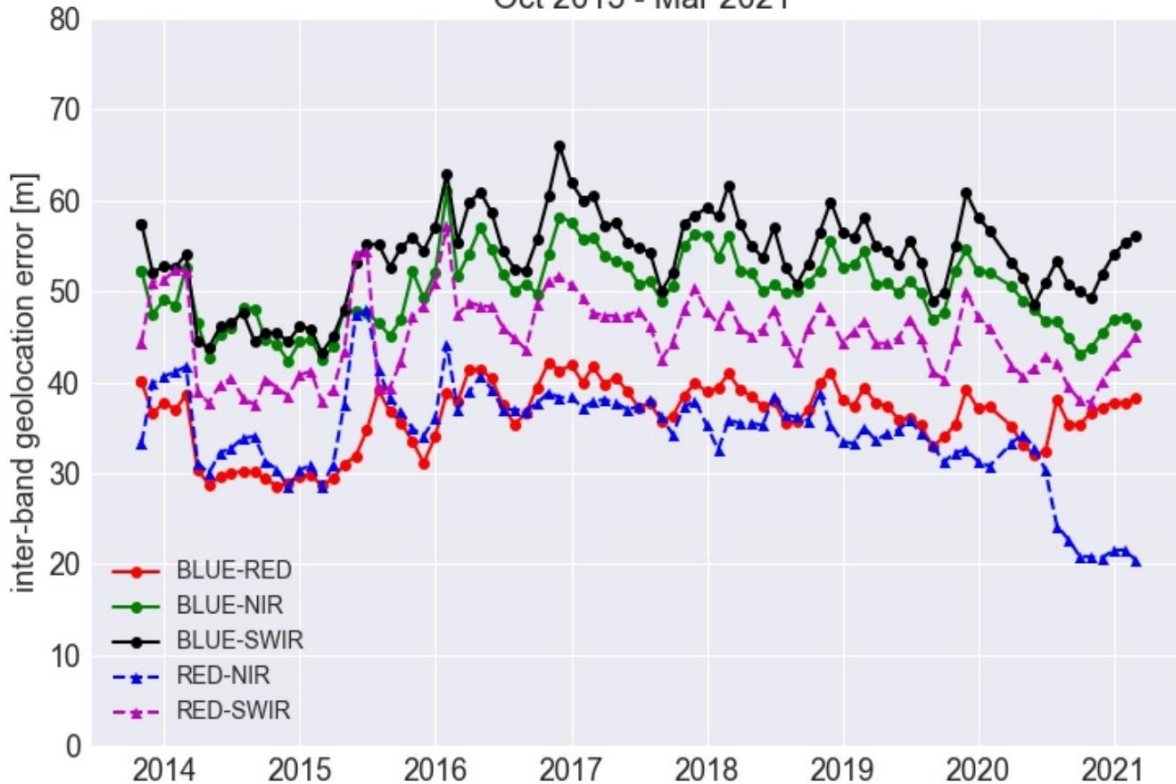
PROBA-V Inter-band geolocation accuracy CAM2  
Oct 2013 - Mar 2021





# Inter-band error

PROBA-V Inter-band geolocation accuracy CAM3  
Oct 2013 - Mar 2021





## Multi temporal

Period 01/01/2021 till present

### Mutlitemporal (VNIR)

Total GCP: 67622

Mutlitemp compliancy (good/total\*100) : **85.27%**

### Mutlitemporal (VNIR/SWIR)

Total GCP :73318

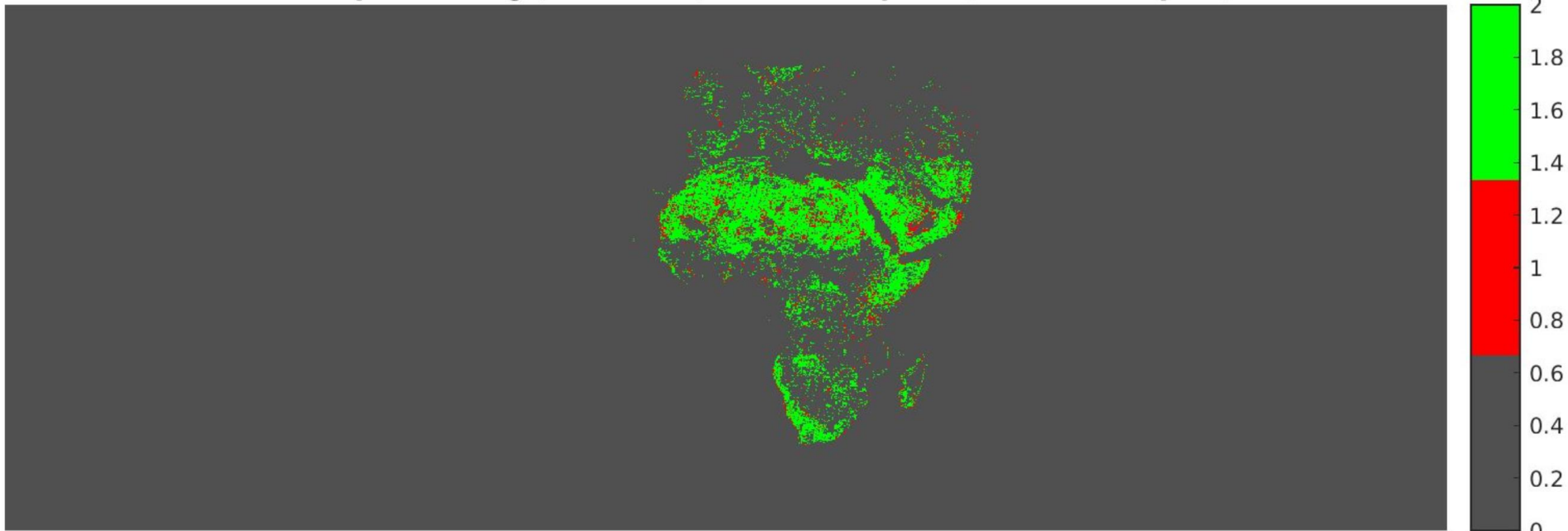
Mutlitemp compliancy (good/total\*100) : **94.19%**





# Multi temporal

Multitemp VNIR flag (0:novalue, 1:MutiTempNOK, 2:MultiTempOK)





# ICP files

<http://proba-v.vgt.vito.be/en/quality/platform-status-information/geolocation-accuracy>

Calibration quarterly report

<https://proba-v.vgt.vito.be/en/quality/platform-status-information/quarterly-image-quality-reports>

Year	ICP filename	Start validity	End validity	Creation date
2021	PROBAV_G_000_20210305_01	20210101	Today	05-Mar-2021 10:00:00
2016	PROBAV_G_000_20160901_01	20160901	20210101	09-Sep-2016 10:47:25
	PROBAV_G_000_20160208_01	20160208	20160901	16-Feb-2016 12:25:10
	PROBAV_G_000_20160119_01	20160119	20160208	25-Jan-2016 22:04:51
2015	PROBAV_G_000_20151027_01	20151027	20160119	02-Nov-2015 13:48:05
	PROBAV_G_000_20151003_01	20151003	20151027	06-Oct-2015 17:17:11
	PROBAV_G_000_20150704_01	20150704	20151003	09-Jul-2015 10:47:10
	PROBAV_G_000_20150420_01	20150420	20150704	06-May-2015 13:17:15
2014	PROBAV_G_000_20140312_01	20140312	20150420	24-Mar-2014 11:16:46
	PROBAV_G_000_20140101_02	20140101	20140312	07-Jan-2014 17:22:21
2013	PROBAV_G_000_20131101_01	20131101	20140101	09-Nov-2013 11:57:18
	PROBAV_G_000_20131016_01	20131016	20131101	28-Nov-2013 11:58:50
	PROBAV_G_000_20131001_02	20131001	20131016	30-Oct-2013 11:51:55
	PROBAV_G_000_20131001_01	20131001	20131001	30-Sep-2013 18:27:19
	PROBAV_G_000_20130718_01	20130718	20131001	18-Jul-2013 16:11:14