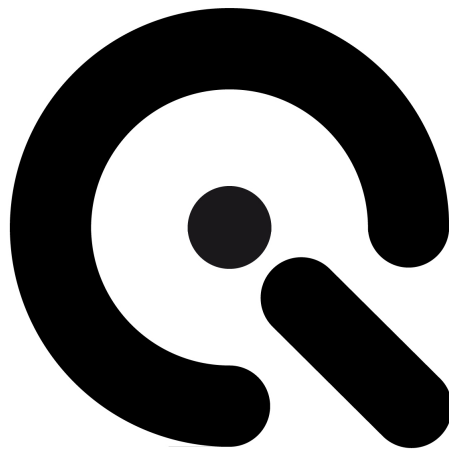
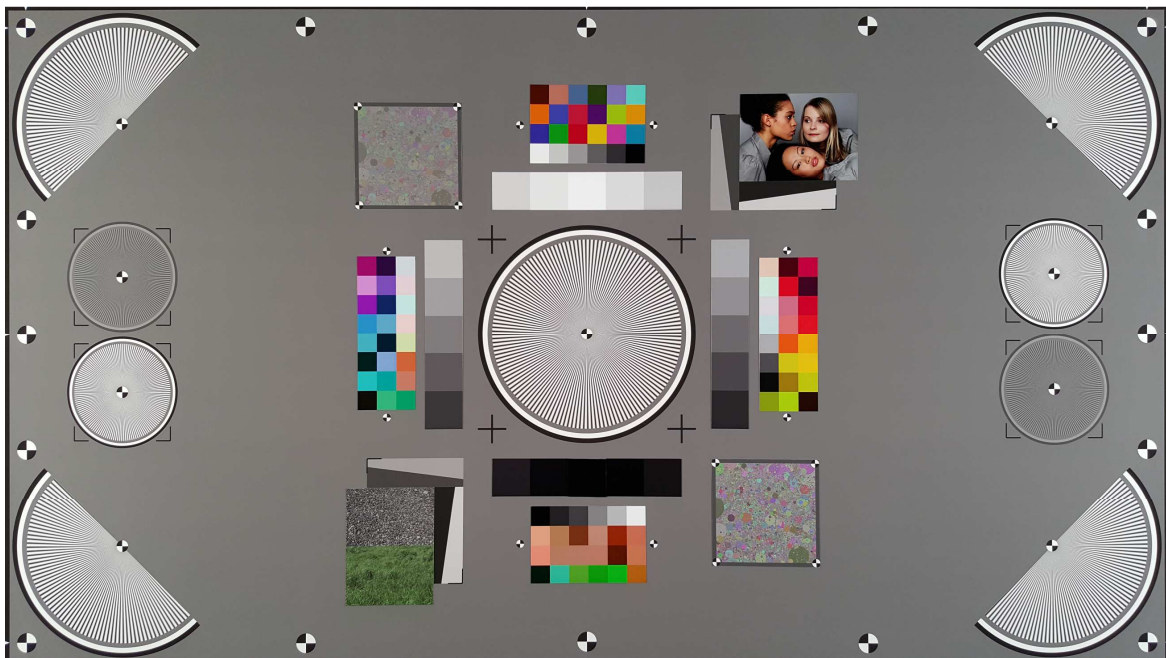




Quick Start Guide

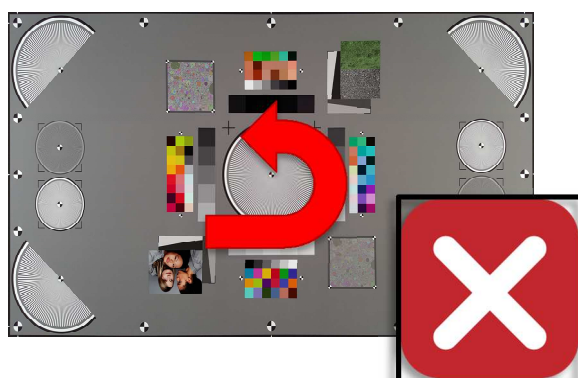
TE42 V2

July 17, 2017

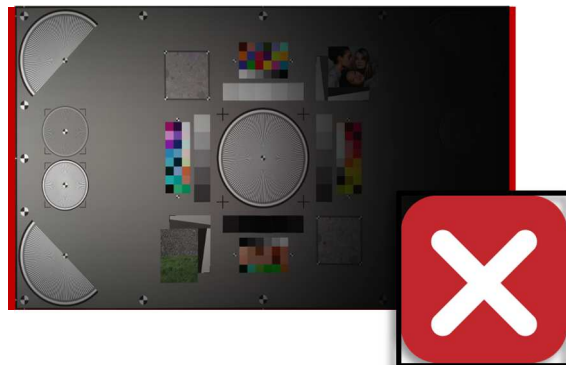
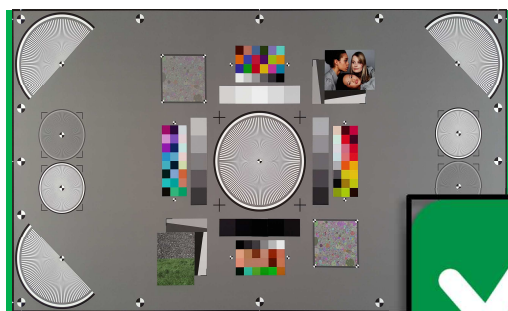
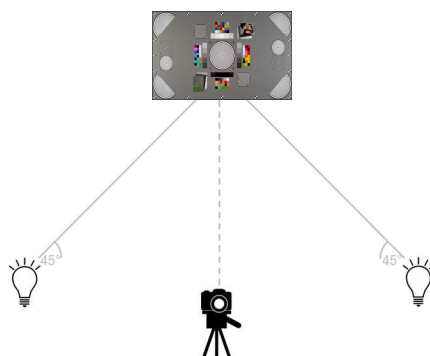




1 PREPARE CHART



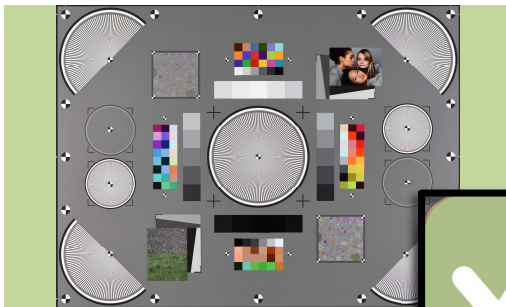
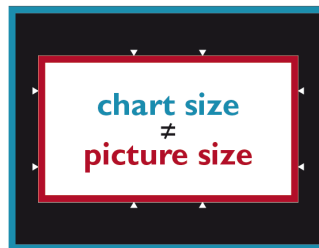
Mount chart in correct orientation



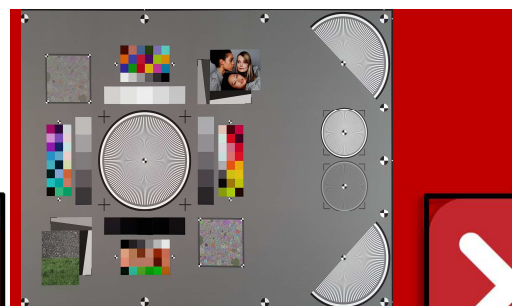
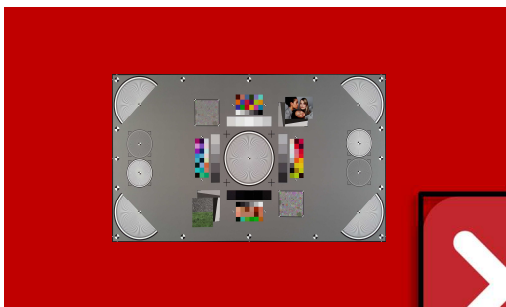
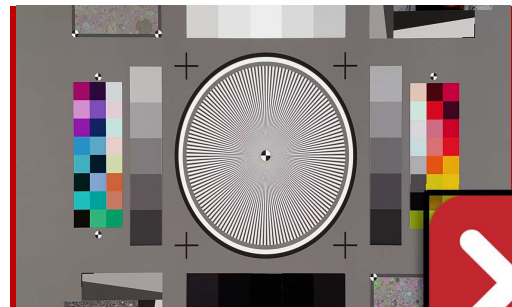
Illuminate uniformly



2 PREPARE CAMERA



Using a 4:3 chart with a 16:9 camera is basically possible but we would not recommend that procedure. Resolution for the image corners might not be calculated properly based on the Siemens Star position.



Align camera and chart



Check camera settings and take pictures

3 START SOFTWARE

FREE DEMO

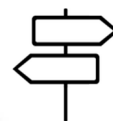


**OR
BUY**

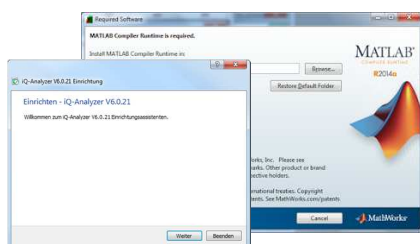
Request free demo or buy



www.image-engineering.de



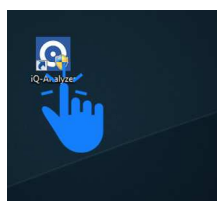
Use shipped DVD or download*



Install



Copy reference files if necessary



Attach USB dongle and run

**For a three month trial version of the
iQ-Analyzer please contact**

sales@image-engineering.de

* <https://www.image-engineering.de/products/software/376-iq-analyzer#downloads>



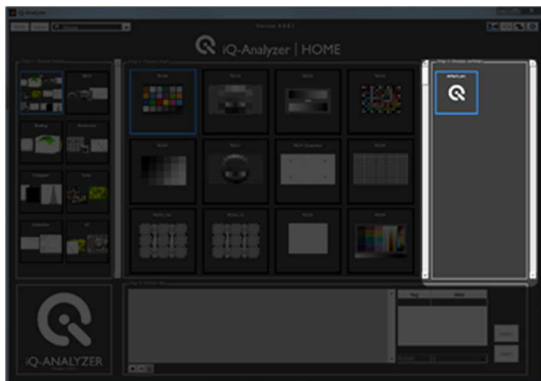
4 USE HOME SCREEN



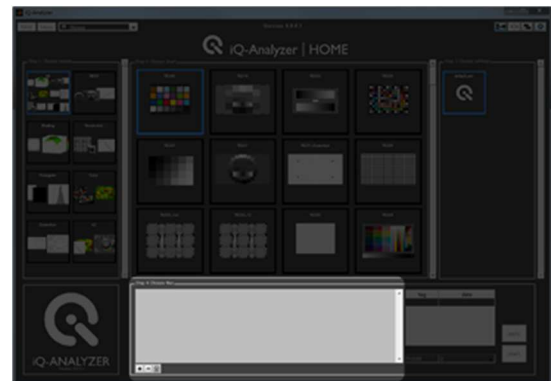
Select module



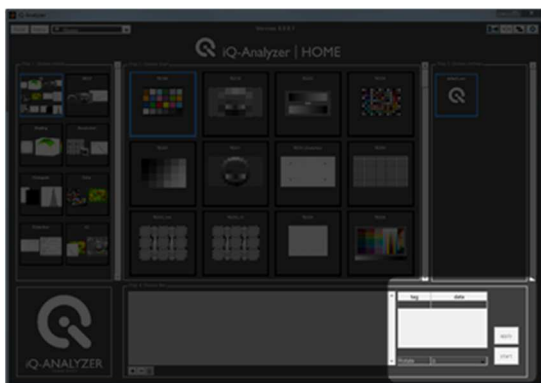
Select chart



Select settings



Load image file(s)



Start analysis

For customizing the HOME SCREEN to your specific needs, please read the

iQ-Analyzer user manual *

Please note: Default Home Screen just contains default settings.

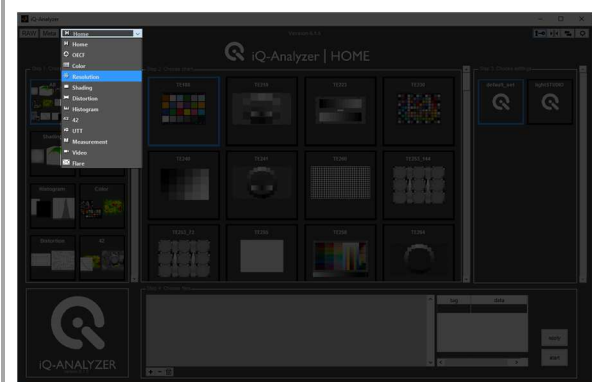
* https://www.image-engineering.de/content/products/software/analyzer/downloads/iQ-Analyzer_manual.pdf



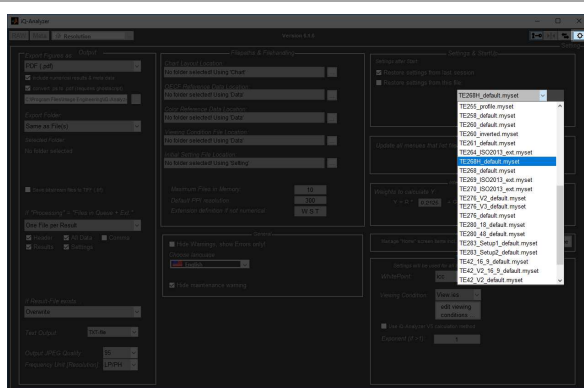
5 USE OF ADMINISTRATOR MODE



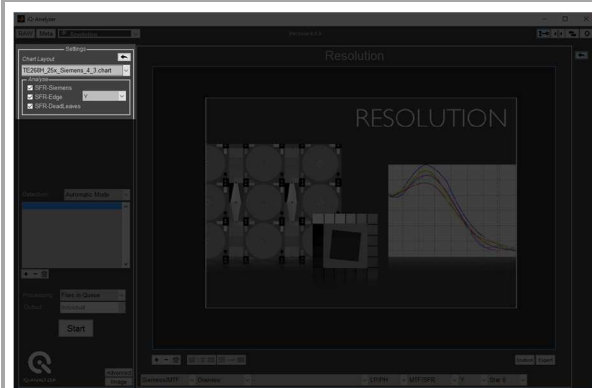
Enable Administrator Mode



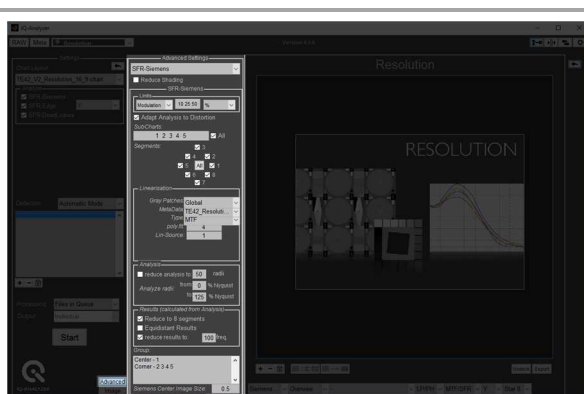
Choose module



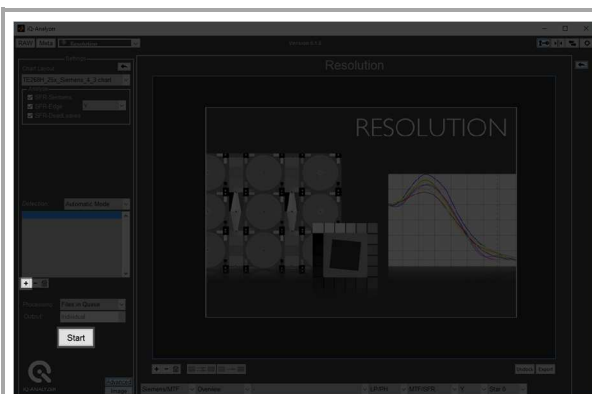
Go to Advanced Settings and choose .myset file for chart depending Settings



Check chart dependent Settings



Check Advanced Settings



Load image file(s) and start analysis

For all chart specific information about Settings and Advanced Settings please read the

iQ-Analyzer user manual *

* https://www.image-engineering.de/content/products/software/analyzer/downloads/iQ-Analyzer_manual.pdf



6 WATCH THE RESULTS

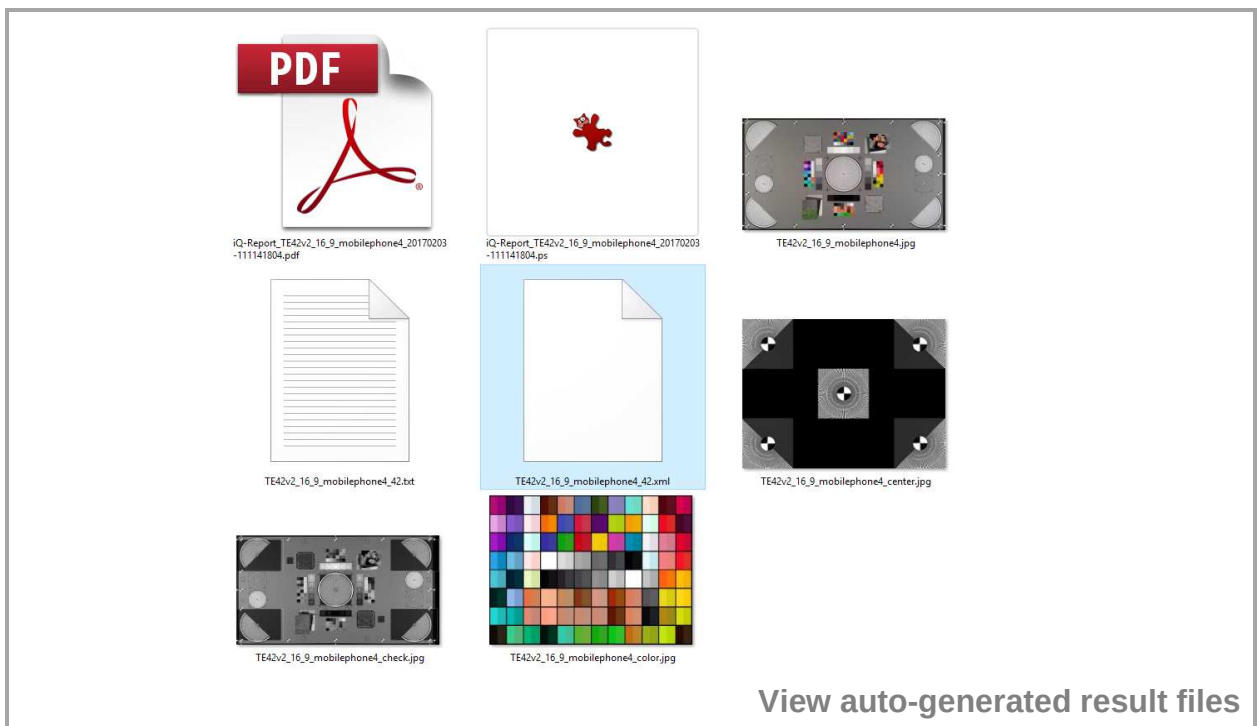
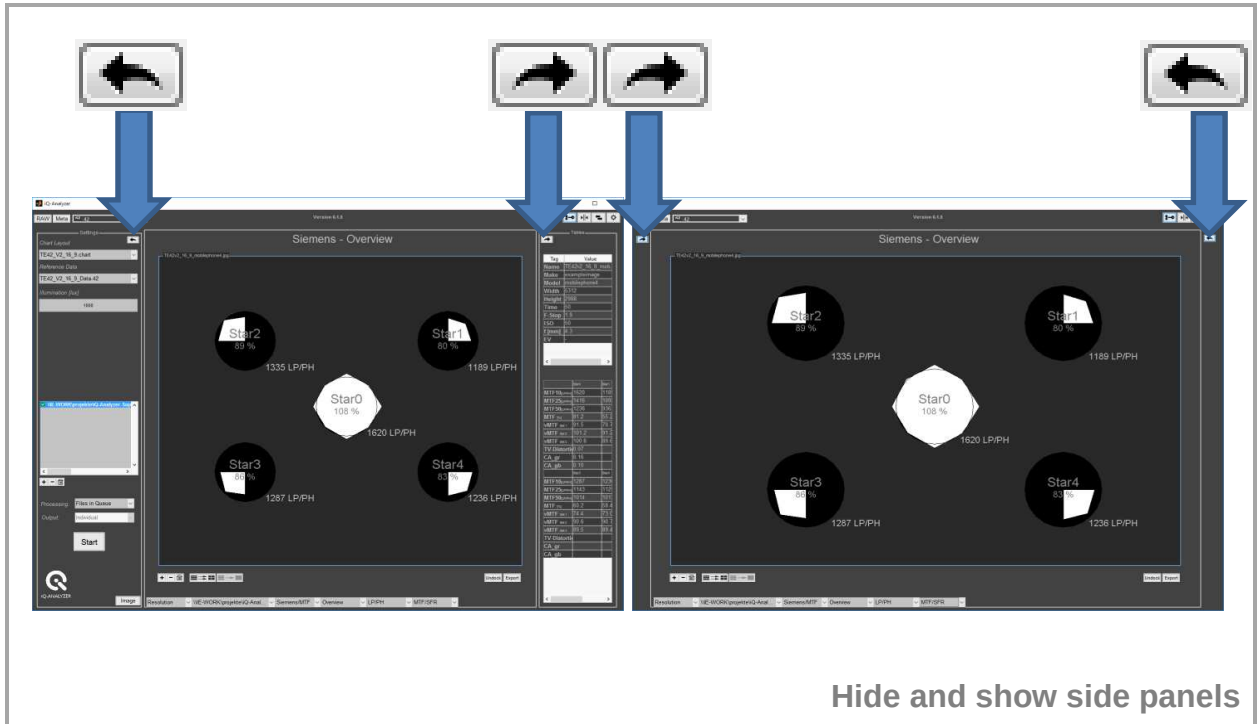
Image Result

Toggle between image and results

Toggle between different result views



Watch the results



Congratulation!
You ran your first analysis!



7 WHAT'S NEXT?

Siemens - Overview

TE42v2_16_9_mobilephone4.jpg

Star2 89 % 1335 LP/PH

Star1 80 % 1189 LP/PH

Star0 108 % 1620 LP/PH

Star3 86 % 1287 LP/PH

1236 LP/PH

Export

Undo Export

Resolution: IE-WORK\projekte\IQ-Anal... Siemens/MTF - Overview MTF/SFR

Siemens - Overview

TE42v2_16_9_mobilephone4.jpg

Star2 89 % 1335 LP/PH

Star1 80 % 1189 LP/PH

Star0 108 % 1620 LP/PH

Star3 86 % 1287 LP/PH

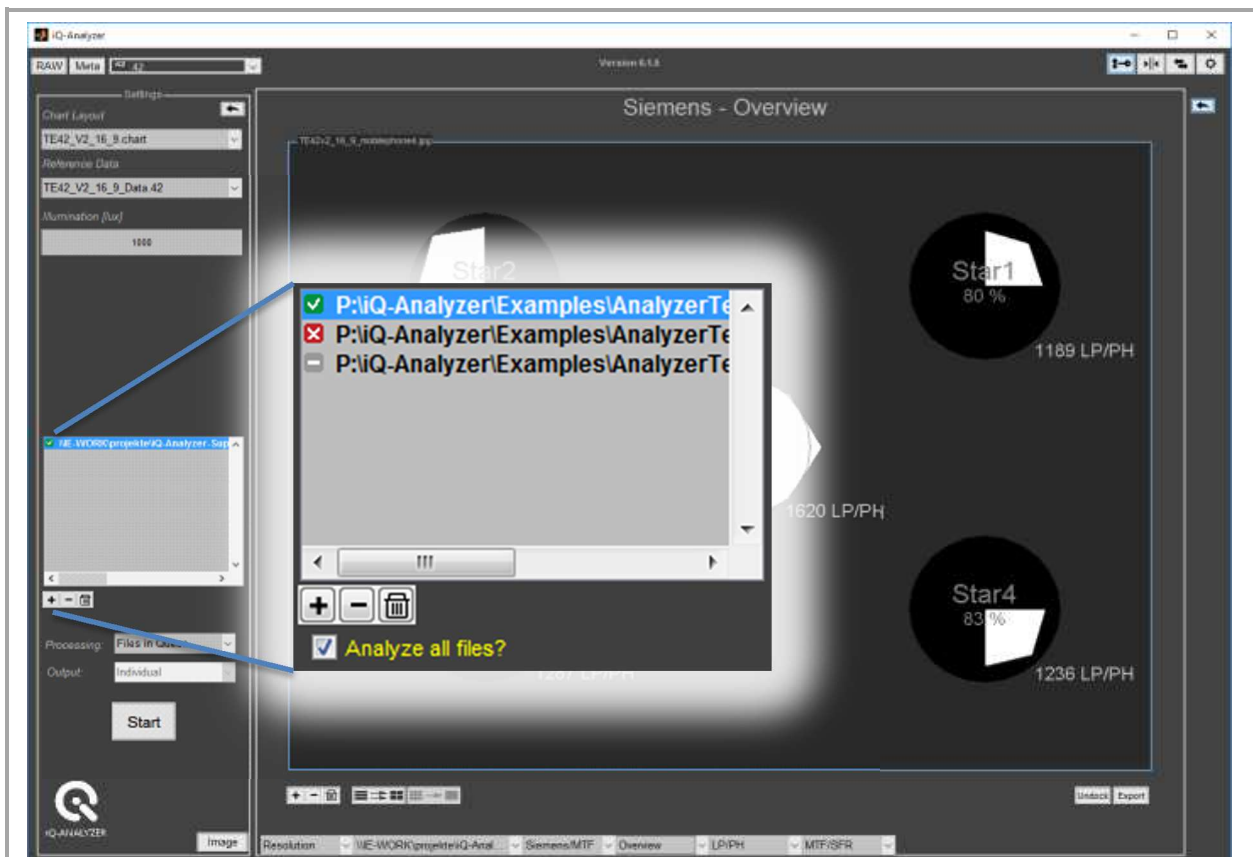
1236 LP/PH

TE42v2_16_9_mobilephone4.jpg

Make	exampleimage
Model	mobilephone4
Width	5312
Height	2988
Time	50
F-Stop	1.9
ISO	50
f [mm]	4.3
EV	-
Serial:	
Lens:	
Firmware:	noExif
Illumination [lux]:	
Object Distance [m]:	
Laboratory:	
Operator:	

MTF10 [L/P/PH]	Star0	Star1	Star2	CA_gr
	1620	1189	1335	
MTF25 [L/P/PH]	1416	1093	1211	CA_gb
MTF50 [L/P/PH]	1236	936	1065	
MTF [%]	81.2	55.2	64.6	
vMTF-Set1 [%]	91.5	70.7	77.9	
vMTF-Set2 [%]	101.2	91.2	92.2	
vMTF-Set3 [%]	100.6	89.6	91.3	
TV-Distortion	0.07			
CA_gr	0.16			
CA_gb	0.10			
MTF10 [L/P/PH]	Star3	Star4		
	1287	1236		
MTF25 [L/P/PH]	1143	1129		
MTF50 [L/P/PH]	1014	1013		
MTF [%]	60.2	58.4		
vMTF-Set1 [%]	74.4	73.0		
vMTF-Set2 [%]	90.6	90.7		
vMTF-Set3 [%]	89.5	89.4		
TV-Distortion				

Export results



Analysis successful



Analysis failed



Not analyzed yet



Analyze successfully analyzed images again?

Change settings and re-start analysis



8 NEED HELP?



Read the iQ-Analyzer user manual*



Attend our Webinars**



Ask our Support Team

9 CONTACT US

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** <https://www.image-engineering.de/products/software/376-iq-analyzer#webinars>