

MULTISPECTRAL 12 A7Rii/iii/iv – version 1

R: 850
G: 510
B: 405

Image 1

R: 710
G: 570
B: 480

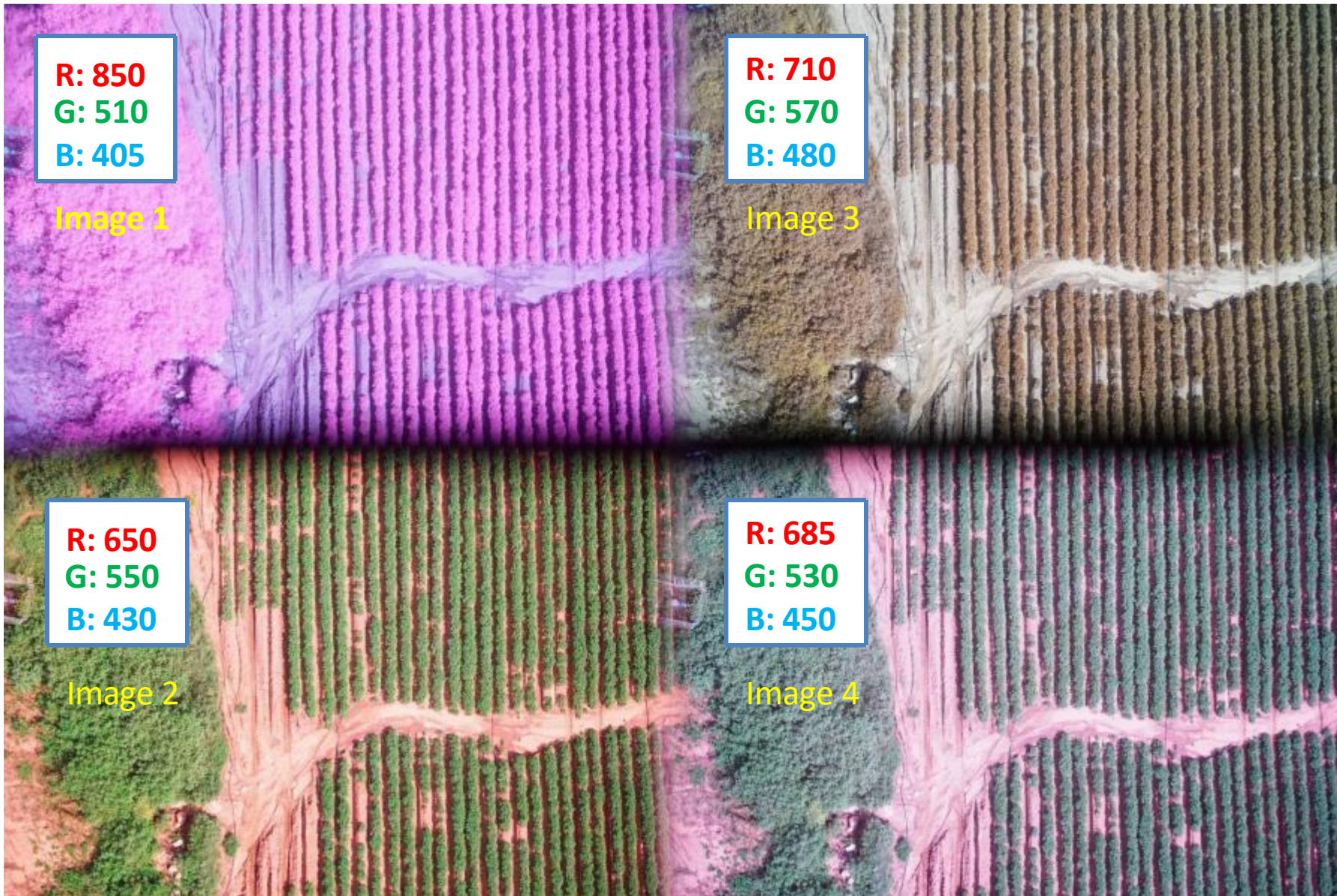
Image 3

R: 650
G: 550
B: 430

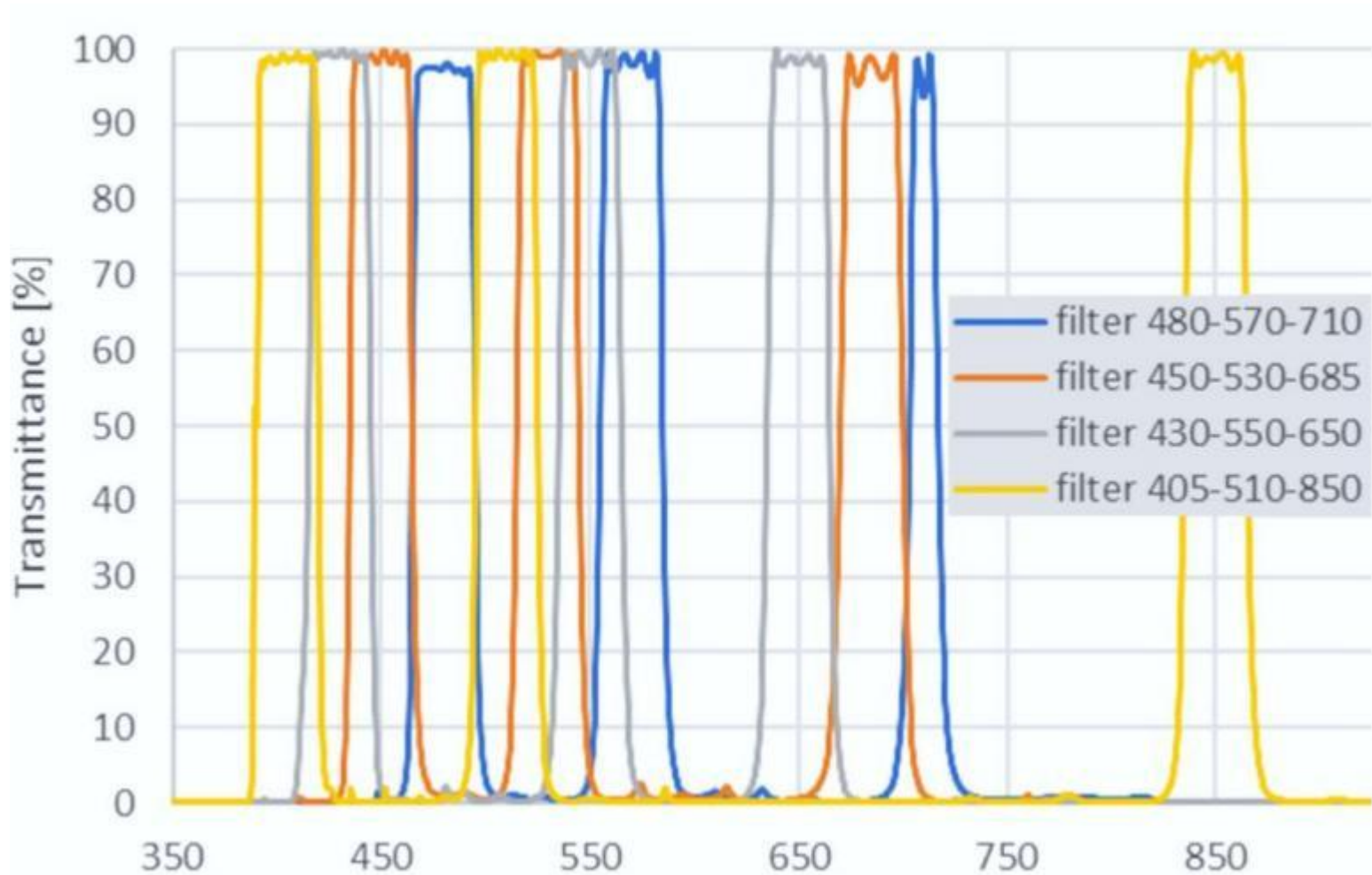
Image 2

R: 685
G: 530
B: 450

Image 4



MULTISPECTRAL 12 A7Rii/iii/iv – version 1



MULTISPECTRAL 10 A7Rii/iii/iv – version 2

R: 850

G: -----

B: -----

Image 1

R: 710

G: 570

B: 405

Image 3

R: 650

G: 550

B: 430

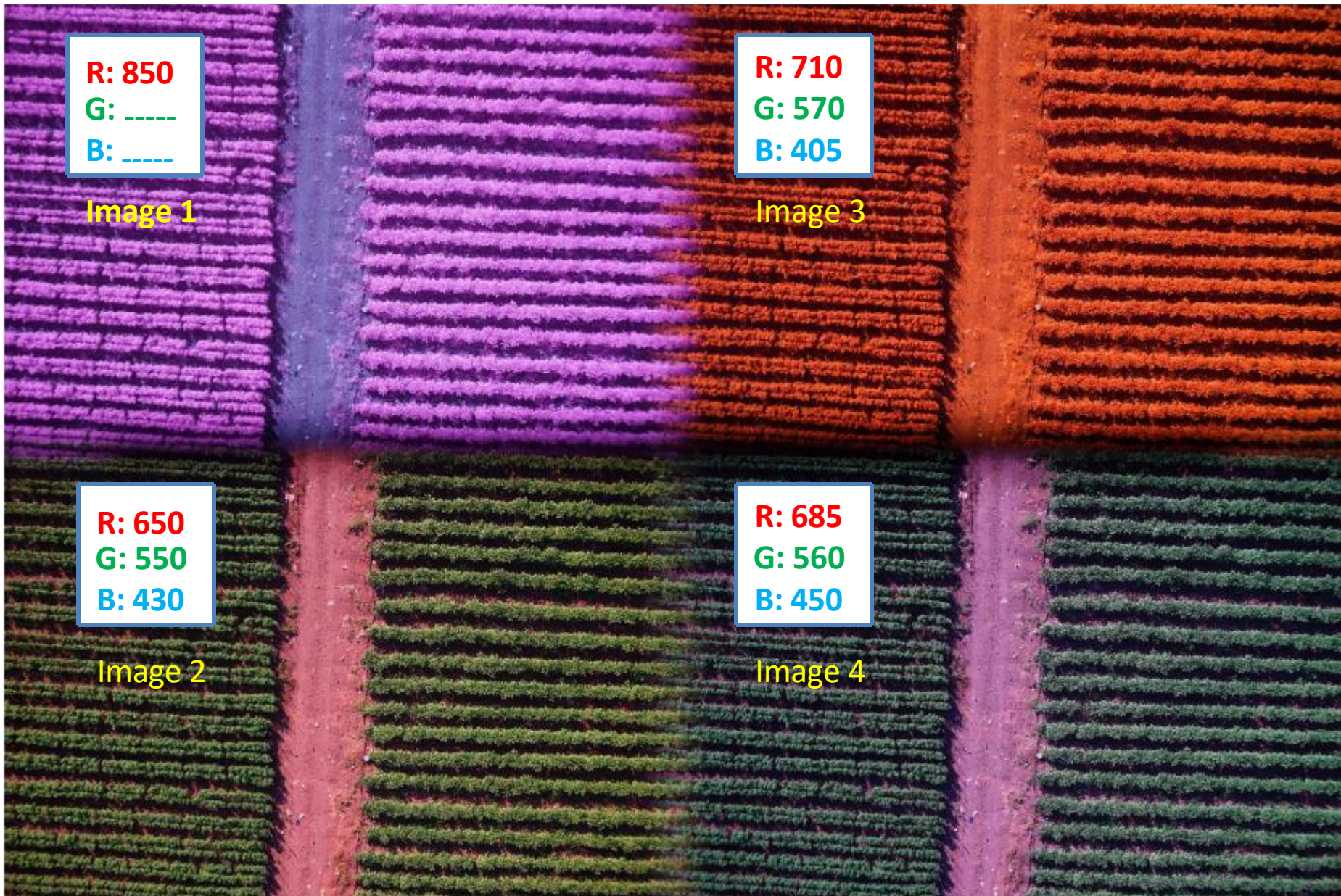
Image 2

R: 685

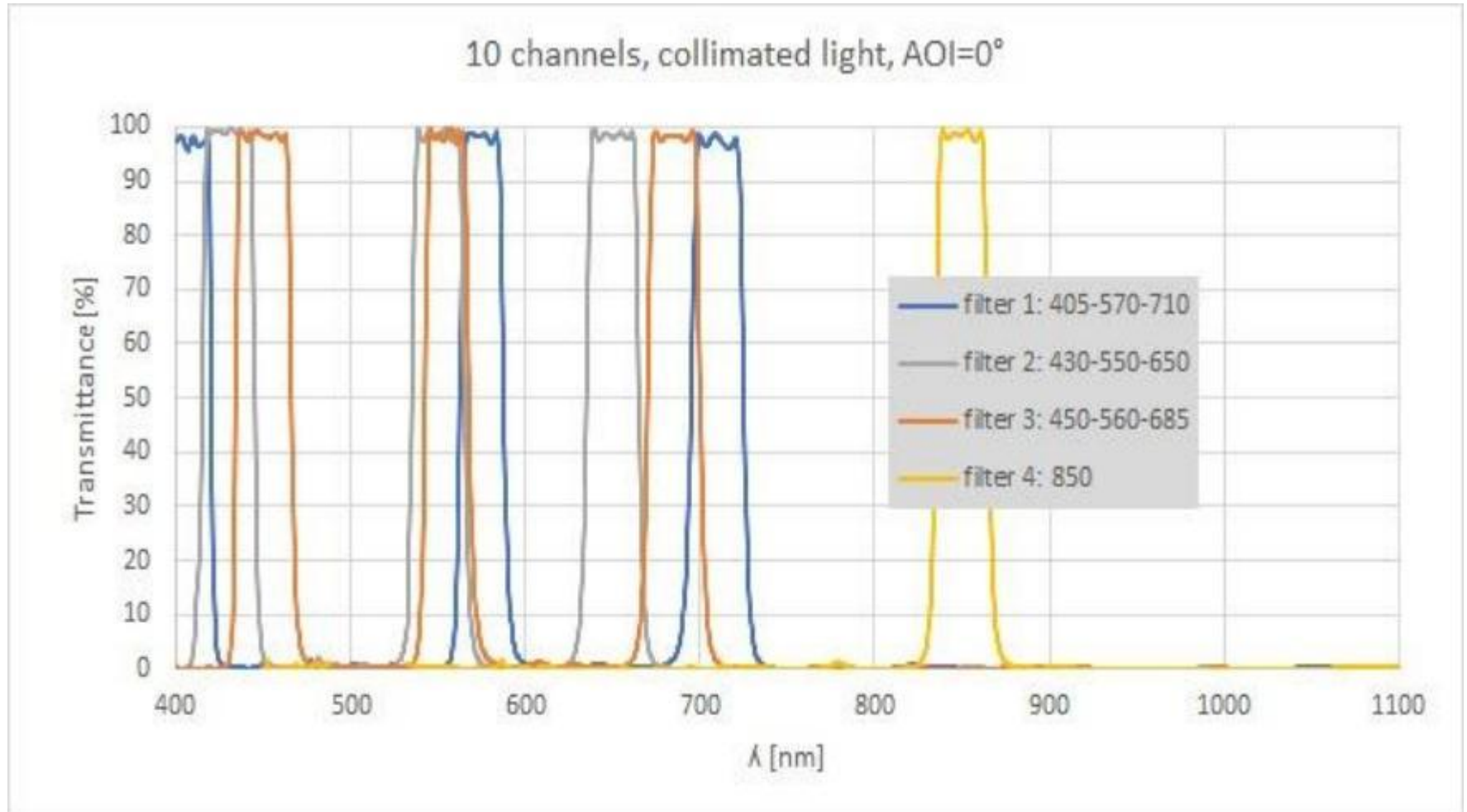
G: 560

B: 450

Image 4



MULTISPECTRAL 10 A7Rii/iii/iv – version 2



MULTISPECTRAL 14 A7Rii/iii/iv – version 1

R: 850

G: ---

B: ---

R: 630

G: 525

B: ---

R: 710

G: 570

B: 405

R: 650

G: 550

B: 430

R: 735

G: ---

B: 490

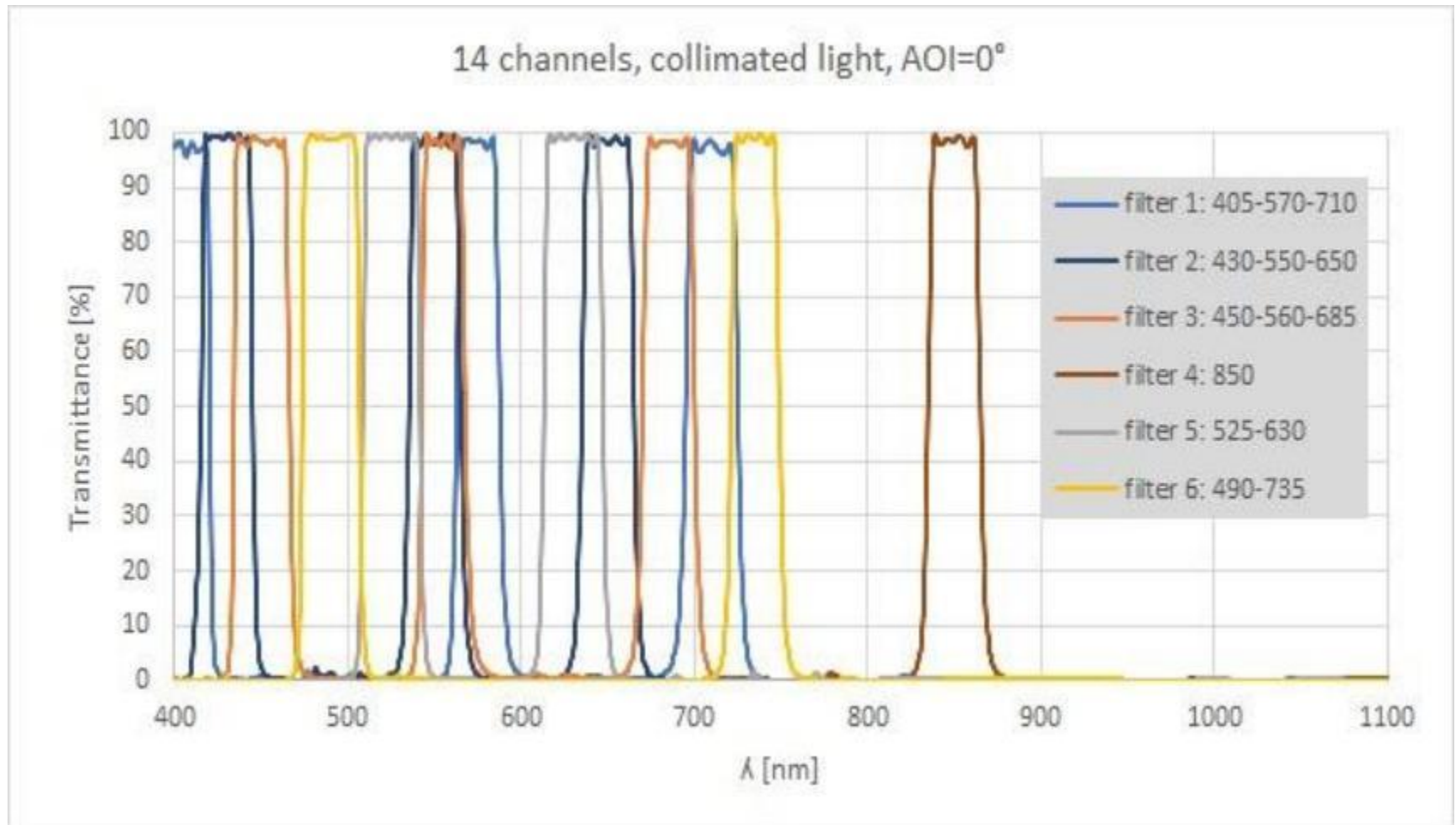
R: 685

G: 560

B: 450



MULTISPECTRAL 14 A7Rii/iii/iv – version 1



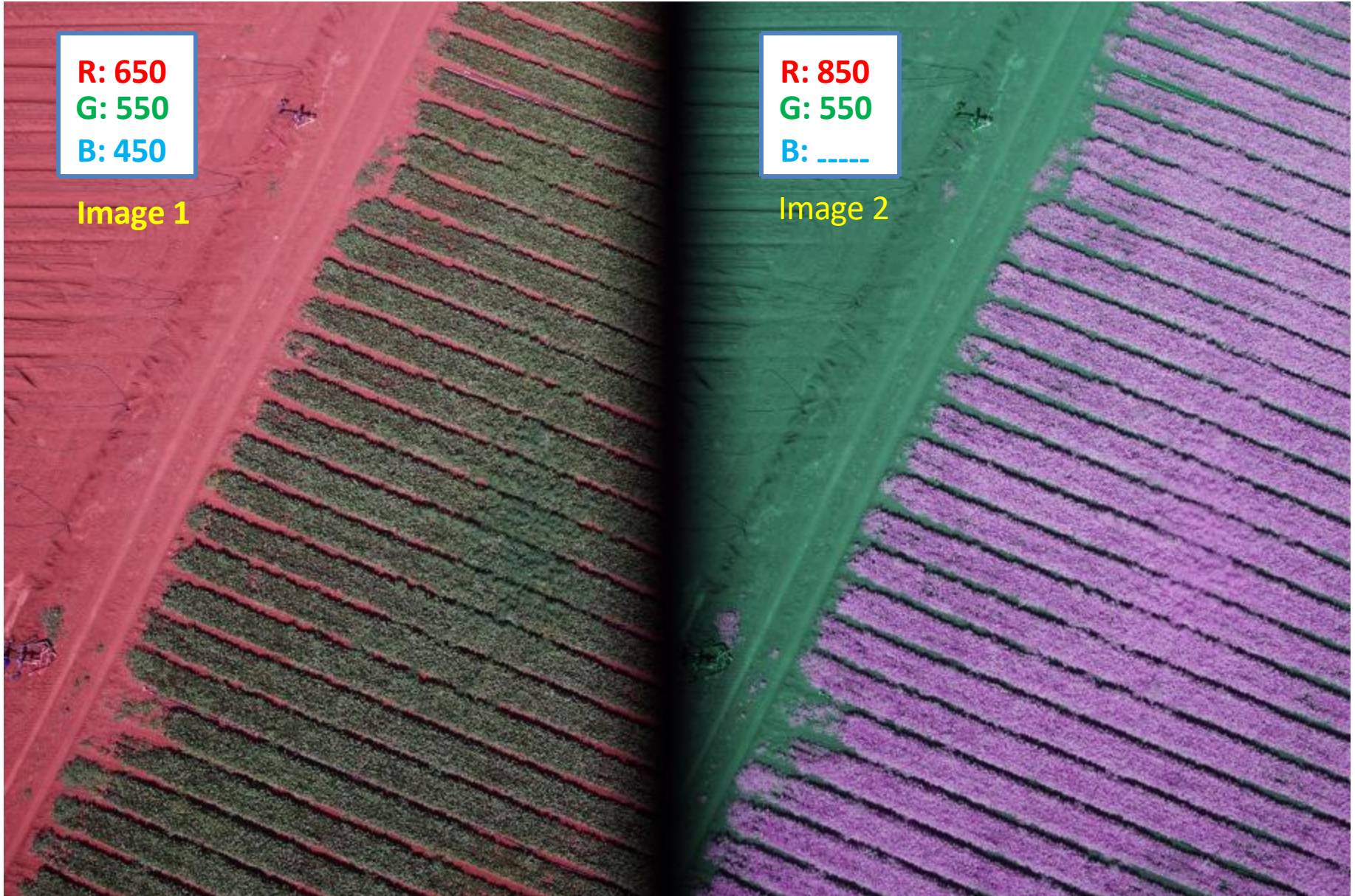
MULTISPECTRAL 4 R10C/A6x00 – NDVI Lens

R: 650
G: 550
B: 450

Image 1

R: 850
G: 550
B:

Image 2



MULTISPECTRAL 4 R10C/A6x00 – RedEdge Lens

R: 710

G: 550

B: 450

Image 1

R: 850

G: 550

B: -----

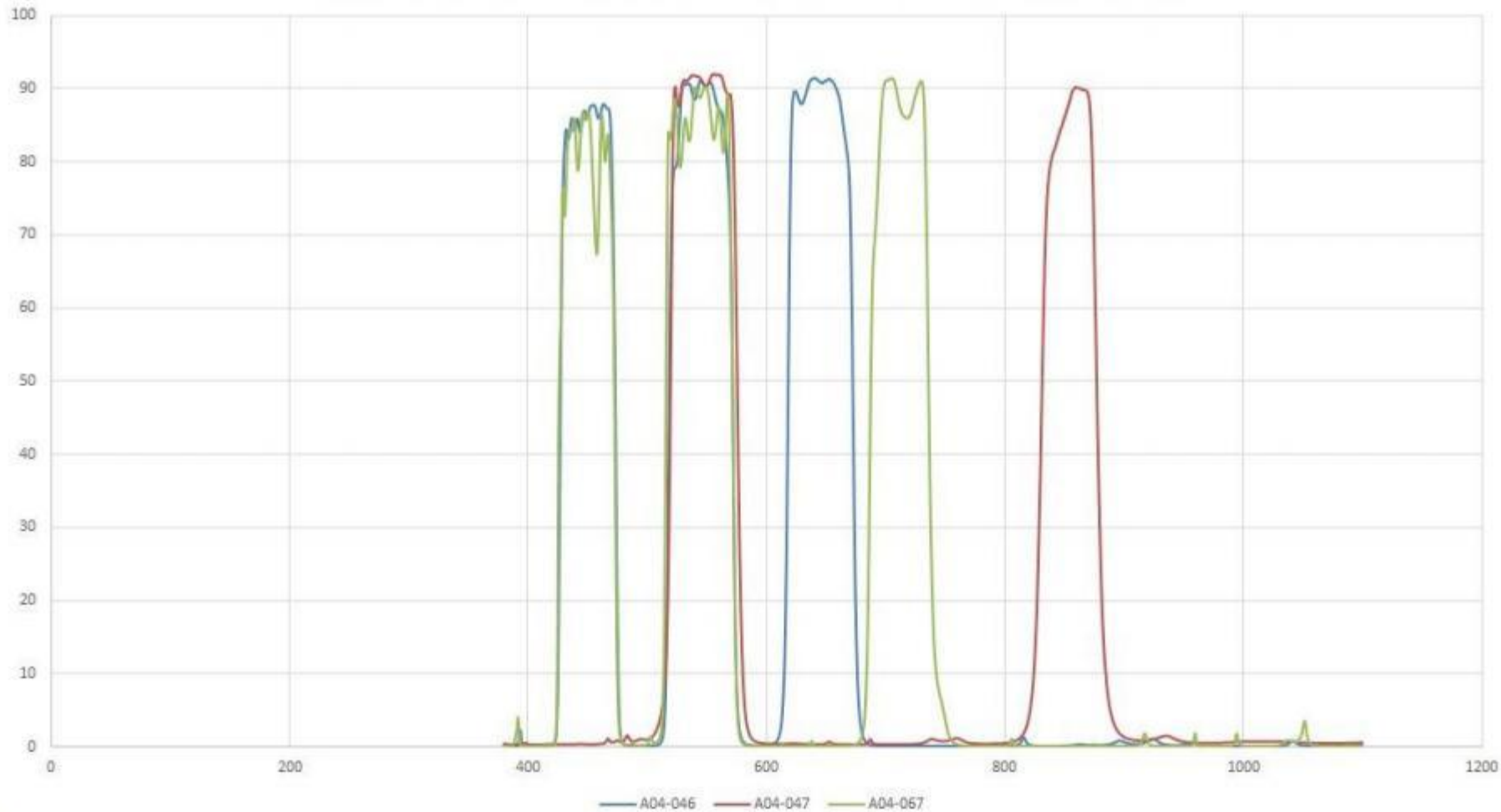
Image 2



MULTISPECTRAL 4 R10C/A6x00 – NDVI/RedEdge Lens

APS-C Filters Combined

RGB 450;550;650nm – blue; NIR 550;850nm – red; Red-Edge 450;550;710 nm - green



Optosky

Model	Sony A6x00 series	Sony A7Rii/iii	Sony A7R4	R10C	Sony A7R4
Sensor Resolution	6000x4000 24 MP	7952x5304 42 MP	9504x6336 61 MP	5456x3632 20 MP	9504x6336 61 MP
Lens type	4 - Band	10/12 – Band	10/12 - Band	4 - Band	14-Band
Multispectral Resolution per Band*	2516x3976 10 MP	3544x2316 8.2 MP	4300x2800 12 MP	3610x2220 8 MP	2676x2788 7.5MP
100m GSD	1.55 cm	1.64 cm	1.5 cm	1.7 cm	1.72
200m GSD	3.1 cm	3.29 cm	3.0 cm	3.4 cm	3.43
300m GSD	4.6 cm	4.9 cm	4.5 cm	5.2 cm	5.15
Recommended shutter speed	1/1000 – 1/4000				
Minimum camera re-trigger time in seconds	1	1.4	<1	2 - (Host) 1 - (SD)	<1

*Resolution per Band applicable for aerial imagery after cropping and alignment