		ZCO 5-27x56	Vortex G3 6-36x56	Tangent 5-25x56	March 4,5-28x52	March G3 5-40x56	S&B 3-27x56	S&B 5-25x56	Burris 5.5-30x56		ZCO 5-27x56	Vortex G3 6-36x56	Tangent 5-25x56	March 4,5-28x52	March G3 5-40x56	S&B 3-27x56	S&B 5-25x56	Burris 5.5-30x56	
At 33.3 yards on Evaluation Target		**Rating**								**At 100 - 1000 yards**	**Rating**								**Evaluation Notes:**
5x Magnification:	Pop (Color, Contrast, Clarity)	10	10	10	10	7	9	10	9	Pop (Color, Contrast, Clarity)	10	10	10	10	10	9	9	9	
	Contrast Chart (High)	5	6	6	5	4	4	4	4	Edge to Edge Sharpness	10	10	10	9	6	7	10	6	
	Contrast Chart (Low)	5	6	5	4	4	4	3	4	Eyebox	10	10	10	9	7	6	10	10	
	CA/Hue (Center)	10	10	10	10	10	10	10	7	DOF Forgiveness	10	10	10	10	10	9	9	10	
	CA/Hue (Periphery/Edge)	9	8	9	9	4	7	10	6	Parallax Forgiveness	10	10	10	10	10	10	10	9	
	Color Accuracy	10	10	10	10	10	10	10	8	Focus Forgiveness	10	10	10	9	10	10	10	10	
	Resolution (Center)	10	10	10	10	8	9	9	10	Mirage (effect)	9	8	9	10	8	8	8	8	
	Resolution (Periphery/Edge)	9	6	9	3	4	4	9	4	Magnification Range Sweet Spot?	yes	yes	yes	yes	yes	yes	no	no	
	Resolution (Extreme Elevation)	10	10	10	10	8	9	9	8	Visual FOV (reticle mrad C to E)		NA	33	NA	NA	40	NA	NA	
	LPI (Resolution Line Chart)	20-22	23-25	20-22	18-20	18-20	15-18	15-17	18-20										
10x Magnification:	Pop (Color, Contrast, Clarity)	10	10	10	9	7	9	10	8	Pop (Color, Contrast, Clarity)	10	10	10	10	10	9	10	8	
	Contrast Chart (High)	8	8	8	7	5	7	7	5	Edge to Edge Sharpness	9	10	9	8	6	8	10	10	
	Contrast Chart (Low)	8	8	8	7	4	7	7	5	Eyebox	10	9	10	9	9	7	9	9	
	CA/Hue (Center)	10	9	10	10	8	10	10	7	DOF Forgiveness	10	9	10	9	10	8	9	10	
	CA/Hue (Periphery/Edge)	9	7	9	9	4	5	10	6	Parallax Forgiveness	10	8	10	10	7	9	8	6	
	Color Accuracy	10	10	10	9	8	9	10	9	Focus Forgiveness	10	10	10	8	10	9	10	7	
	Resolution (Center)	10	10	10	10	8	10	10	10	Mirage (effect)	9	10	9	8	9	7	9	9	
	Resolution (Periphery/Edge)	9	6	9	7	6	5	9	5	Magnification Range Sweet Spot?	yes	yes	yes	yes	yes	yes	yes	yes	
	Resolution (Extreme Elevation)	10	10	10	9	8	9	10	7	Visual FOV (reticle mrad C to E)		21	20.5	NA	NA	20	19.5	20.8	
	LPI (Resolution Line Chart)	44-45	47-49	47-49	43-45	38-40	38-40	36-40	36-38										
15x Magnification:	Pop (Color, Contrast, Clarity)	10	10	10	10	8	10	9	9	Pop (Color, Contrast, Clarity)	10	9	10	10	9	8	10	8	
	Contrast Chart (High)	9	9	9	9	9	9	9	8	Edge to Edge Sharpness	9	10	9	8	7	9	10	9	
	Contrast Chart (Low)	9	9	9	8	9	8	8	8	Eyebox	9	9	9	9	8	6	8	9	
	CA/Hue (Center)	10	10	10	9	8	9	9	7	DOF Forgiveness	10	7	10	9	7	8	7	8	
	CA/Hue (Periphery/Edge)	9	8	9	8	4	6	9	6	Parallax Forgiveness	10	7	10	10	7	7	8	5	
	Color Accuracy	9	9	9	9	10	9	9	8	Focus Forgiveness	9	9	9	9	8	9	9	8	
	Resolution (Center)	10	10	10	9	10	10	10	9	Mirage (effect)	9	8	9	8	8	8	8	7	
	Resolution (Periphery/Edge)	10	7	9	8	5	5	8	7	Magnification Range Sweet Spot?	yes	yes	yes	yes	yes	yes	yes	yes	
	Resolution (Extreme Elevation)	9	10	10	9	6	9	9	5	Visual FOV (reticle mrad C to E)		13.5?	14	15	11.4	13.5	13.2	13.8	
	LPI (Resolution Line Chart)	58-60	60-63	60-63	58-60	55-58	48-50	50-52	60-62										
20x Magnification:	Pop (Color, Contrast, Clarity)	9	9	9	9	8	9	10	8	Pop (Color, Contrast, Clarity)	10	9	10	10	8	8	10	7	
	Contrast Chart (High)	11	10	10	10	10	9	9	8	Edge to Edge Sharpness	8	9	8	7	8	8	10	6	
	Contrast Chart (Low)	10	10	10	9	9	9	9	8	Eyebox	9	9	9	8	8	7	7	7	
	CA/Hue (Center)	10	8	10	9	8	9	9	6	DOF Forgiveness	9	6	9	8	5	5	6	6	
	CA/Hue (Periphery/Edge)	9	8	8	8	6	7	9	6	Parallax Forgiveness	10	7	10	10	5	7	5	6	
	Color Accuracy	10	10	10	10	8	10	9	7	Focus Forgiveness	9	7	9	8	7	9	9	7	
	Resolution (Center)	10	10	10	10	10	10	10	9	Mirage (effect)	9	8	9	8	7	6	7	6	
	Resolution (Periphery/Edge)	9	9	10	7	6	6	9	8	Magnification Range Sweet Spot?	yes	yes	yes	less	yes	no	yes	yes	
	Resolution (Extreme Elevation)	7	8	9	8	6	7	9	4	Visual FOV (reticle mrad C to E)		10.5	10.6	11.2	8.5	10	9.7	10.6	
	LPI (Resolution Line Chart)	78-80	80-82	80-82	78-80	68-72	70-72	68-72	70										
25x Magnification:	Pop (Color, Contrast, Clarity)	10	10	9	10	8	10	9	7	Pop (Color, Contrast, Clarity)	8	9	8	8	8	9	10	7	
	Contrast Chart (High)	11	10	11	10	10	10	10	9	Edge to Edge Sharpness	9	9	9	8	7	9	10	6	
	Contrast Chart (Low)	11	10	11	10	10	10	10	9	Eyebox	8	7	8	6	7	6	7	6	
	CA/Hue (Center)	10	10	10	9	6	8	9	6	DOF Forgiveness	8	5	8	8	4	4	5	5	
	CA/Hue (Periphery/Edge)	9	8	9	7	6	6	9	6	Parallax Forgiveness	8	7	8	8	5	6	5	5	
	Color Accuracy	10	10	9	10	6	10	9	8	Focus Forgiveness	9	5	9	8	6	8	9	5	
	Resolution (Center)	10	10	9	10	8	10	10	9	Mirage (effect)	8	7	8	8	5	5	6	6	
	Resolution (Periphery/Edge)	9	9	9	8	6	7	8	7	Magnification Range Sweet Spot?	yes	yes	yes	less	yes	no	yes	no	
	Resolution (Extreme Elevation)	6	6	9	7	4	5	9	4	Visual FOV (reticle mrad C to E)		8.4	8.4	9.2	6.8	8	8	8.4	
	LPI (Resolution Line Chart)	90-93	88-90	88-90	83-85	75	82-85	70-75	78-82										
30/ 36x Magnification:	Pop (Color, Contrast, Clarity)					8			8	Pop (Color, Contrast, Clarity)					8			6	
	Contrast Chart (High)					10			10	Edge to Edge Sharpness					8			7	
	Contrast Chart (Low)					10			10	Eyebox					5			5	
	CA/Hue (Center)					4b			5ym	DOF Forgiveness					3			5	
	CA/Hue (Periphery/Edge)					4b			4ym	Parallax Forgiveness					6			7	
	Color Accuracy					8			8	Focus Forgiveness					5			5	
	Resolution (Center)					7			10	Mirage (effect)					5			6	
	Resolution (Periphery/Edge)					6			6	Magnification Range Sweet Spot?					no			no	
	Resolution (Extreme Elevation)					1			3	Visual FOV (reticle mrad C to E)					4.6			7.1	
	LPI (Resolution Line Chart)					84-86			84-86										
Low light at 33.3 yards on Evaluation Target		**Rating**								Low Light Notes:									
Mag: 12x	Pop (Color, Contrast, Clarity)	8	7	8	8	8	8	7	7										
	Color Accuracy	8	7	8	8	8	8	7	7										
	Contrast Chart (High)	9	9	9	8	9	9	8	9										
	Contrast Chart (Low)	7	8	7	6	8	6	8	8										
	Perceived Brightness	9	8	9	7	7	8	8	8										