

Illustrated Report For Square Radiant

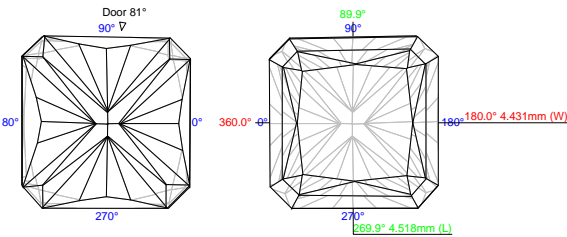
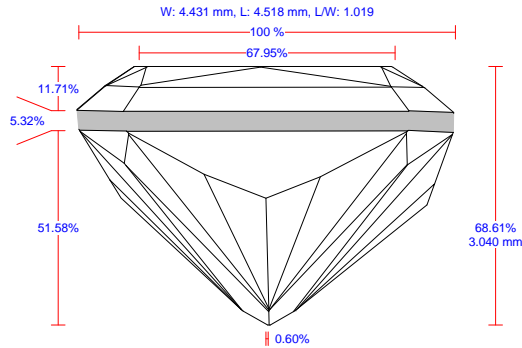
Polished Square Radiant

14.03.2009

Model: Simple
 Expert name: Makoed A.G.
 Real weight, ct:
 Calculated weight, ct: 0.51, 0.5154
 Spread: -0.06 ct, -13.54 %
 Extra Facet / Nat: No

Width	Length	Ratio (L/W)	Corner Ratio	Diameter Minimum	Diameter Maximum
4.431 mm	4.518 mm	1.019	1.005	4.431 mm	5.584 mm

Total height	Crown height: Side	Pavilion height: Side	Table: Side	Girdle: Side	Culet
3.040 mm 68.61 %	0.519 mm	2.286 mm	3.040 mm	0.236 mm	0.026 mm

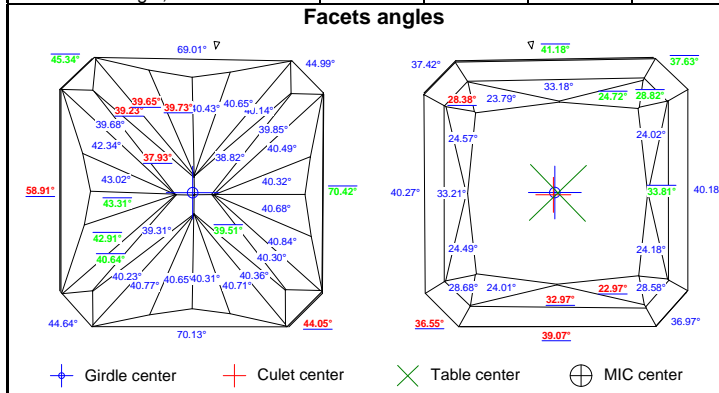


Appraiser title
 Overall cut quality
 Symmetry appraiser title
 Overall symmetry quality

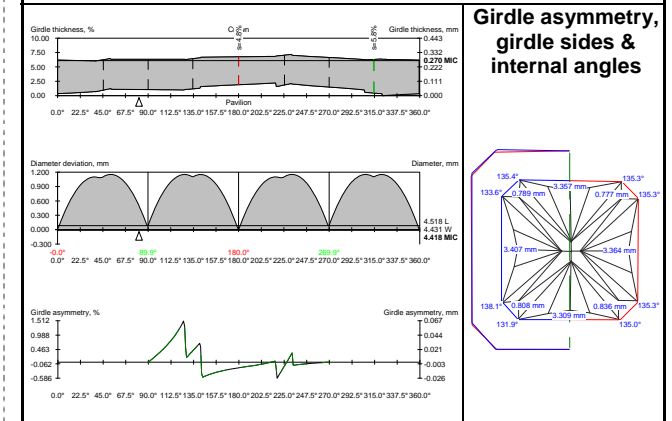
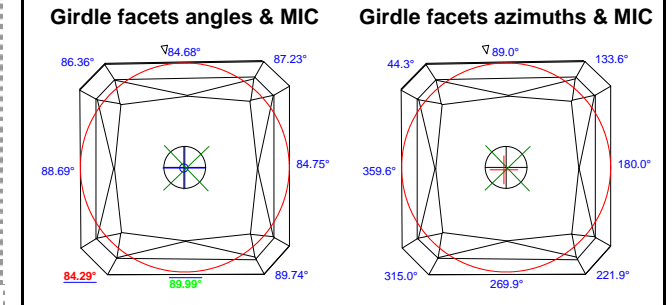
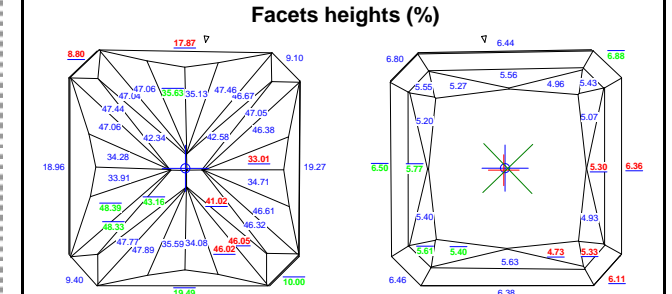
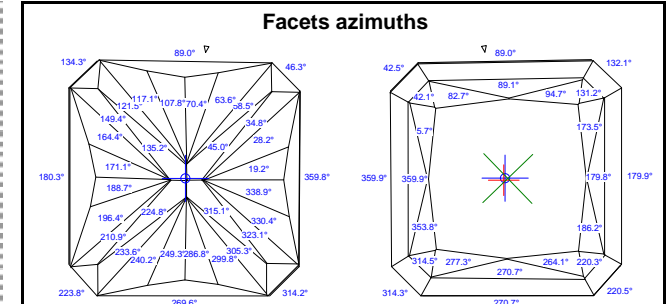
AGS_2005
 N/A
 Internal
 GD

Color	
Clarity	
Polish	
Fluorescence	

Parameters	Avg	Min	Max	Dev
Crown height: Side, %	11.71	11.16	12.02	0.85
Crown height: Joint, %	N/A	N/A	N/A	N/A
Pavilion height: Side, %	51.58	50.77	52.32	1.55
Pavilion height: Joint, %	N/A	N/A	N/A	N/A
Table: Side, %	67.95	67.68	68.23	0.56
Table: Corner w.r.t. Corner, %	70.10	70.10	70.11	0.01
Table: Corner w.r.t. Width, %	87.41	87.20	87.63	0.43
Diameter: Corner, %	124.69	124.40	124.98	0.58
Girdle thickness: Side, %	5.32	4.84	5.84	1.00
Girdle thickness: Joint, %	N/A	N/A	N/A	N/A
Corner angle width, %	12.02	11.71	12.69	0.98
Corner angle length, %	12.23	11.52	13.07	1.56
Culet, %	0.60	0.37	0.68	0.30
Crown 1 Main height, %	6.42	6.36	6.50	0.14
Crown 1 Corner height, %	6.56	6.11	6.88	0.78
Crown 2 Main height, %	5.56	5.30	5.77	0.47
Crown 2 Corner height, %	5.48	5.33	5.61	0.28
Crown Star height, %	5.12	4.73	5.40	0.68
Pavilion 1 Main height, %	18.90	17.87	19.49	1.63
Pavilion 1 Corner height, %	9.33	8.80	10.00	1.20
Pavilion 2 Corner height, %	42.28	41.02	43.16	2.14
Pavilion 2 Main height, %	N/A	N/A	N/A	N/A
Pavilion Halves 1 height, %	47.08	46.05	48.33	2.28
Pavilion Halves 2 height, %	47.11	46.02	48.39	2.37
Pavilion Halves 3 height, %	34.54	33.01	35.63	2.62
Crown 1 Main angle, °	40.17	39.07	41.18	2.11
Crown 1 Corner angle, °	37.14	36.55	37.63	1.08
Crown 2 Corner angle, °	33.29	32.97	33.81	0.83
Crown 2 Main angle, °	28.62	28.38	28.82	0.44
Crown Star angle, °	24.09	22.97	24.72	1.75
Pavilion 1 Main angle, °	67.12	58.91	70.42	11.51
Pavilion 1 Corner angle, °	44.76	44.05	45.34	1.28
Pavilion 2 Corner angle, °	38.89	37.93	39.51	1.58
Pavilion 2 Main angle, °	N/A	N/A	N/A	N/A
Pavilion Halves 1 angle, °	40.05	39.23	40.64	1.41
Pavilion Halves 2 angle, °	41.04	39.65	42.91	3.26
Pavilion Halves 3 angle, °	41.06	39.73	43.31	3.57
Girdle facet angle, °	86.97	84.29	89.99	5.69



Girdle-Culet offset by table axis	1.04 ± 0.29, %	0.046 ± 0.013, mm
Girdle-Table offset by table axis	1.17 ± 0.25, %	0.052 ± 0.011, mm
Table-Culet offset by table axis	1.89 ± 0.30, %	0.084 ± 0.013, mm
Girdle to table-culet line offset	0.85 %, 0.037 mm	



Width-wise culet shift ratio (by width)	2.258 mm, 50.95 %	2.174 mm, 49.05 %
Length-wise culet shift ratio (by width)	2.214 mm, 49.96 %	2.308 mm, 52.09 %
Length-wise culet shift ratio (by length)	2.214 mm, 49.00 %	2.308 mm, 51.09 %