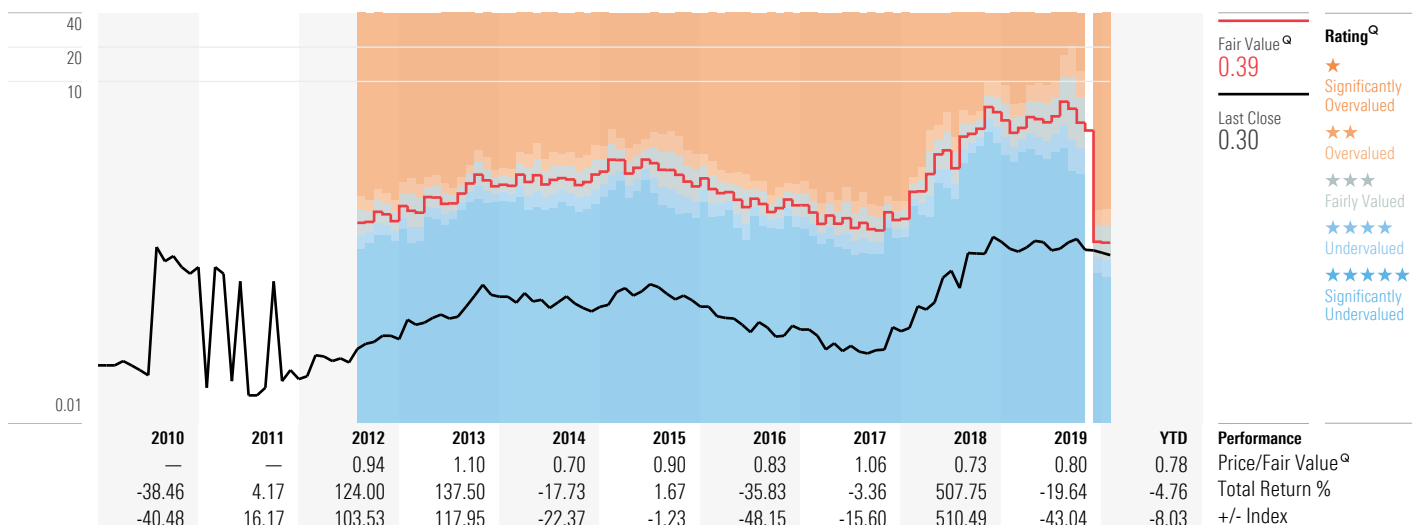


# MGM Wireless Ltd MWR ★★★ 14 Jan 2020, 00:42 UTC

<b>Economic Moat</b> <sup>Q</sup>	<b>Uncertainty</b> <sup>Q</sup>	<b>Price/Fair Value</b> <sup>Q</sup>	<b>Trailing Dividend Yield</b> %	<b>Market Cap</b>	<b>Investment Style</b>	<b>Sector</b>	<b>Industry</b>
None	Very High	0.8	—	42.4774 Mil	Small Core	Communication Services	Telecom Services



Total Return % as of 13 Jan 2020. Last Close as of 13 Jan 2020. Fair Value as of 14 Jan 2020, 00:42 UTC. Index: Morningstar Australia GR AUD.

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## Valuation <sup>Q</sup> as of 13 Jan 2020

MWR is Undervalued at a 22% Discount.

**Fair Value** <sup>Q</sup>  
0.39

**Uncertainty** <sup>Q</sup>:  
Very High

**Last Close**  
0.30

**Economic Moat** <sup>Q</sup>  
None

**Financial Health** <sup>Q</sup>  
Moderate

**1-Star Price** <sup>Q</sup>  
> 0.76

**5-Star Price** <sup>Q</sup>  
< 0.19

## Financials as of 13 Jan 2020 (Fiscal Year End 30 Jun 2020)

	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	YTD	Fiscal
Revenue (Mil)	2	2	3	2	3	3	3	3	3	7	7	Revenue (Mil)
Operating Income (K)	243	312	631	86	414	619	115	-975	-1,129	-5,867	-5,867	Operating Income (K)
Operating Margin (%)	10.68	13.06	24.23	3.6	15.33	19.59	4.47	-37.11	-41.16	-85.44	-85.44	Operating Margin (%)
Net Income (K)	203	257	603	658	718	1,042	504	-534	-1,130	-4,689	-4,689	Net Income (K)
Diluted Earnings/Share	0.00	0.00	0.01	0.01	0.01	0.01	0.01	-0.01	-0.01	-0.04	-0.04	Diluted Earnings/Share
Operating Cash Flow	—	—	—	—	—	—	—	—	—	—	—	Operating Cash Flow
Capital Spending (K)	-224	-227	-240	-686	-646	-1,094	-1,845	-1,764	-1,710	-2,233	-2,233	Capital Spending (K)
Free Cash Flow (K)	-16	-271	61	224	409	598	-31	-66	-455	-2,764	-2,764	Free Cash Flow (K)
Avg Shares Outstand(Mil)	75	79	81	82	88	89	91	88	96	121	121	Avg Shares Outstand(Mil)
Dividend Per Share	—	—	—	0.00	0.00	0.00	0.00	—	—	—	—	Dividend Per Share

## Valuation as of 13 Jan 2020

	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	Current	Calendar
Price/Fair Value <sup>Q</sup>	—	—	0.94	1.10	0.70	0.90	0.83	1.06	0.73	0.80	0.78	Price/Fair Value <sup>Q</sup>
Price/Sales	0.68	0.81	1.61	4.48	3.43	2.98	2.36	2.17	13.78	5.54	5.28	Price/Sales
Price/Earnings	7.78	7.58	5.39	16.22	12.90	9.03	12.06	—	—	—	—	Price/Earnings
Price/Cash Flow	7.41	—	10.62	11.73	8.77	5.56	3.35	3.36	30.13	—	122.77	Price/Cash Flow
Price/Book	8.42	3.08	2.85	5.22	3.01	2.27	1.27	1.55	8.38	9.28	8.84	Price/Book

## Operating Performance as of — (Fiscal Year End 30 Jun 2020)

	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	Q3	Fiscal (%)
Return on Assets	11.8	13.14	29.3	25.79	20.42	22.5	9.16	-9.65	-19.2	-65.93	—	Return on Assets
Return on Equity	796	60.65	62.97	38.42	27.52	29.14	11.52	-12.34	-23.39	-89.61	—	Return on Equity
Rtn on Invested Capital	74.54	35.47	50.22	34.48	25.97	28.06	11.36	-12.15	-23.22	-72.15	—	Rtn on Invested Capital

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## Business Description

MGM Wireless Ltd is a technology company designing, developing and commercialising smart-phone and watch wearables devices for children, and software for school communication and student absence management.

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Morningstar's quantitative equity ratings consist of: (i) Quantitative Fair Value Estimate, (ii) Quantitative Star Rating, (iii) Quantitative Uncertainty, (iv) Quantitative Economic Moat, and (v) Quantitative Financial Health (collectively the "Quantitative Ratings").

The Quantitative Ratings are calculated daily and derived from the analyst-driven ratings of a company's peers as determined by statistical algorithms. Morningstar, Inc. ("Morningstar", "we", "our") calculates Quantitative Ratings for companies whether or not it already provides analyst ratings and qualitative coverage. In some cases, the Quantitative Ratings may differ from the analyst ratings because a company's analyst-driven ratings can significantly differ from other companies in its peer group.

i. **Quantitative Fair Value Estimate:** Intended to represent Morningstar's estimate of the per share dollar amount that a company's equity is worth today. Morningstar calculates the Quantitative Fair Value Estimate using a statistical model derived from the Fair Value Estimate Morningstar's equity analysts assign to companies. Please go to <http://global.morningstar.com/equitydisclosures> for information about Fair Value Estimate Morningstar's equity analysts assign to companies.

ii. **Quantitative Economic Moat:** Intended to describe the strength of a firm's competitive position. It is calculated using an algorithm designed to predict the Economic Moat rating a Morningstar analyst would assign to the stock. The rating is expressed as Narrow, Wide, or None.

**Narrow** – assigned when the probability of a stock receiving a "Wide Moat" rating by an analyst is greater than 70% but less than 99%.

**Wide** – assigned when the probability of a stock receiving a "Wide Moat" rating by an analyst is greater than 99%.

**None** – assigned when the probability of an analyst receiving a "Wide Moat" rating by an analyst is less than 70%.

iii. **Quantitative Star Rating:** Intended to be the summary rating based on the combination of our Quantitative Fair Value Estimate, current market price, Quantitative Uncertainty Rating, and momentum. The rating is expressed as One-Star, Two-Star, Three-Star, Four-Star, and Five-Star.

**One-Star** – the stock is overvalued with a reasonable margin of safety.

*Log (Quant FVE/Price) < -1\*Quantitative Uncertainty*

*Micro-Caps: Log (Quant FVE/Price) < -1.5\*Quantitative Uncertainty*

**Two-Star** - the stock is somewhat overvalued.

*Log (Quant FVE/Price) between (-1\*Quantitative Uncertainty, -0.5\*Quantitative Uncertainty)*

*Micro-Caps: Log (Quant FVE/Price) between (-1.5\*Quantitative Uncertainty, -0.75\*Quantitative Uncertainty)*

**Three-Star** – the stock is approximately fairly valued.

*Log (Quant FVE/Price) between (-0.5\*Quantitative Uncertainty, 0.5\*Quantitative Uncertainty)*

*Micro-Caps: Log (Quant FVE/Price) between (-0.75\*Quantitative Uncertainty, 0.75\*Quantitative Uncertainty)*

**Four-Star** – the stock is somewhat undervalued.

*Log (Quant FVE/Price) between (0.5\*Quantitative Uncertainty, 1\*Quantitative*

*Uncertainty)*

*Micro-Caps: Log (Quant FVE/Price) between (0.75\*Quantitative Uncertainty, 1.5\*Quantitative Uncertainty)*

**Five-Star** – the stock is undervalued with a reasonable margin of safety.

*Log (Quant FVE/Price) > 1\*Quantitative Uncertainty*

*Micro-Caps: Log (Quant FVE/Price) > 1.5\*Quantitative Uncertainty*

After the initial calculation for the star rating, there is a final filtering step based on the momentum of the company. We rank the companies based on their 12-1 month momentum, then restrict those below the 30th percentile to a maximum of 3 stars.

iv. **Quantitative Uncertainty:** Intended to represent Morningstar's level of uncertainty about the accuracy of the Quantitative Fair Value Estimate. Generally, the lower the Quantitative Uncertainty, the narrower the potential range of outcomes for that particular company. The rating is expressed as Low, Medium, High, Very High, and Extreme.

**Low** – the interquartile range for possible fair values is less than 10%

**Medium** – the interquartile range for possible fair values is less than 15% but greater than 10%

**High** – the interquartile range for possible fair values is less than 35% but greater than 15%

**Very High** – the interquartile range for possible fair values is less than 80% but greater than 35%

**Extreme** – the interquartile range for possible fair values is greater than 80%

v. **Quantitative Financial Health:** Intended to reflect the probability that a firm will face financial distress in the near future. The calculation uses a predictive model designed to anticipate when a company may default on its financial obligations. The rating is expressed as Weak, Moderate, and Strong.

**Weak** – assigned when Quantitative Financial Health < 0.2

**Moderate** – assigned when Quantitative Financial Health is between 0.2 and 0.7

**Strong** – assigned when Quantitative Financial Health > 0.7

## Other Definitions

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**Fairly Valued** – **Last Price** is in line with Morningstar's quantitative fair value estimate.

**Overvalued** – **Last Price** is above Morningstar's quantitative fair value estimate.

This Report **has not been made available** to the issuer of the security prior to publication.

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