

# 3.6 GHz band spectrum auction results

The ACMA conducted the 3.6 GHz band spectrum auction in November and December 2018.

There were four winning bidders in the auction. The winning prices are as follows:

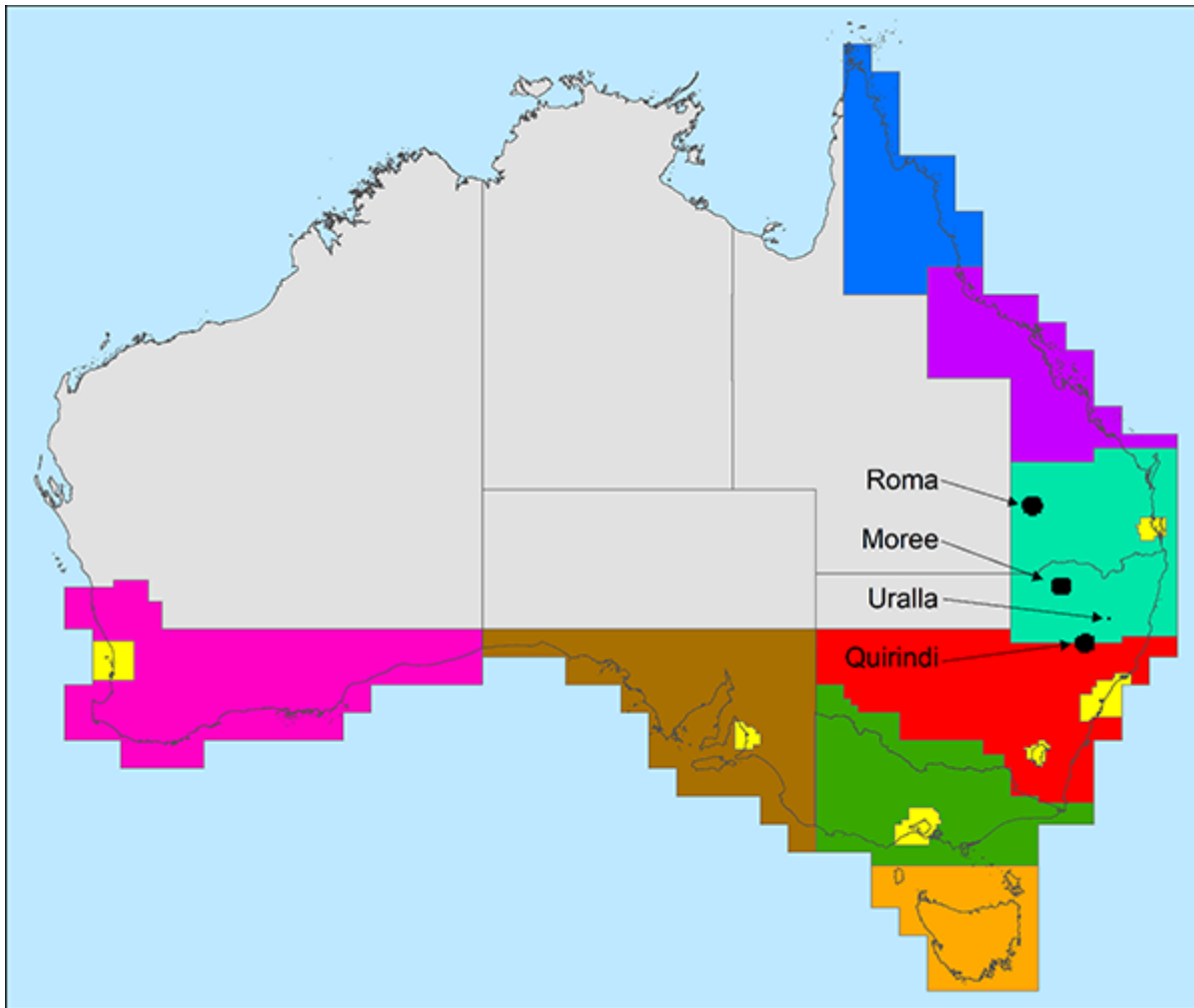
Winning bidder	Winning price
Dense Air Australia Pty Ltd	\$18,492,000
Mobile JV Pty Limited	\$263,283,800
Optus Mobile Pty Ltd	\$185,069,100
Telstra Corporation Limited	\$386,008,400

The following lots of a product have been allocated to winning bidders in the primary and secondary stages of the auction:

Region	No. of lots allocated				Winning bid price per 5 MHz lot
	Dense Air	Mobile JV	Optus	Telstra	
Adelaide	6	12	0	7	\$536,000
Brisbane	7	12	0	6	\$880,000
Canberra	7	12	0	6	\$184,000

Melbourne	1	12	0	12	\$1,898,000
Sydney	1	12	0	12	\$2,164,000
Perth lower band	7	3	0	6	\$538,000
Perth upper band	0	9	0	0	\$811,000
North Queensland	0	8	7	10	\$481,400
Central Queensland	0	8	7	10	\$1,137,700
Regional Northern NSW/Southern Queensland	0	8	7	10	\$7,998,800
Regional Southern/Western NSW	0	6	6	13	\$11,269,900
Regional Victoria	0	8	7	10	\$2,685,600
Tasmania	0	8	7	10	\$860,100
Regional South Australia	0	4	6	15	\$2,912,100
Regional Western Australia	0	9	0	16	\$127,800

The map below illustrates the auction regions:



KEY:		
Black	Exercised areas	Moree, NSW
		Quirindi, NSW
		Roma, Queensland
		Uralla, NSW
Yellow	Metro areas	Adelaide
		Brisbane
		Canberra
		Melbourne
		Sydney
		Perth
Blue	Regional areas	North Queensland
Purple		Central Queensland
Turquoise		Regional Northern NSW / Southern Queensland
Red		Regional Southern / Western NSW
Green		Regional Victoria
Orange		Tasmania
Brown		Regional South Australia
Pink		Regional Western Australia

The auction was conducted over three stages. The table above shows the combined total from the primary and secondary stages of the auction, when generic 5 MHz lots were allocated in each region.

The final assignment stage of the auction allocated specific frequency ranges to the spectrum won in the first two stages. Due to the design of the assignment stage, it is not possible to provide a breakup of prices paid in the assignment stage for specific regions. Total revenue in the assignment stage was \$8,561,300.

The following frequency ranges have been assigned to lots allocated to each winning bidder:

Region	Frequencies assigned			
	Dense Air	Mobile JV	Optus	Telstra
Adelaide	3670 MHz– 3700 MHz	3610 MHz– 3670 MHz	N/A	3575 MHz– 3610 MHz
Brisbane	3665 MHz– 3700 MHz	3605 MHz– 3665 MHz	N/A	3575 MHz– 3605 MHz
Canberra	3605 MHz– 3640 MHz	3640 MHz– 3700 MHz	N/A	3575 MHz– 3605 MHz
Melbourne	3695 MHz– 3700 MHz	3635 MHz– 3695 MHz	N/A	3575 MHz– 3635 MHz
Sydney	3635 MHz– 3640 MHz	3640 MHz– 3700 MHz	N/A	3575 MHz– 3635 MHz
Perth lower band	3605 MHz– 3640 MHz	3640 MHz– 3655 MHz	N/A	3575 MHz– 3605 MHz
Perth upper band	N/A	3655 MHz– 3700 MHz	N/A	N/A
North Queensland	N/A	3625 MHz– 3665 MHz	3665 MHz– 3700 MHz	3575 MHz– 3625 MHz

Central Queensland	N/A	3625 MHz– 3665 MHz	3665 MHz– 3700 MHz	3575 MHz– 3625 MHz
Regional Northern NSW/Southern Queensland	N/A	3625 MHz– 3665 MHz	3665 MHz– 3700 MHz	3575 MHz– 3625 MHz
Regional Southern/Western NSW	N/A	3640 MHz– 3670 MHz	3670 MHz– 3700 MHz	3575 MHz– 3640 MHz
Regional Victoria	N/A	3625 MHz– 3665 MHz	3665 MHz– 3700 MHz	3575 MHz– 3625 MHz
Tasmania	N/A	3625 MHz– 3665 MHz	3665 MHz– 3700 MHz	3575 MHz– 3625 MHz
Regional South Australia	N/A	3650 MHz– 3670 MHz	3670 MHz– 3700 MHz	3575 MHz– 3650 MHz
Regional Western Australia	N/A	3655 MHz– 3700 MHz	N/A	3575 MHz– 3655 MHz