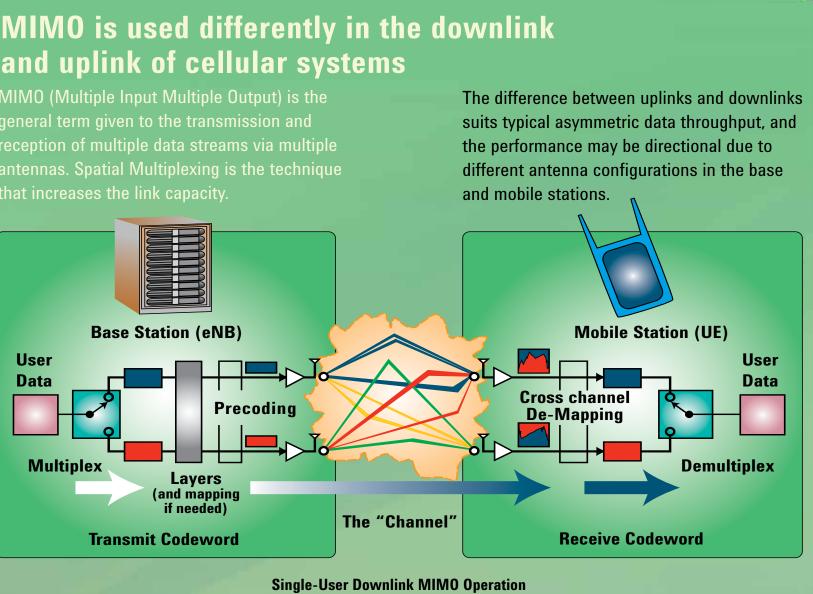
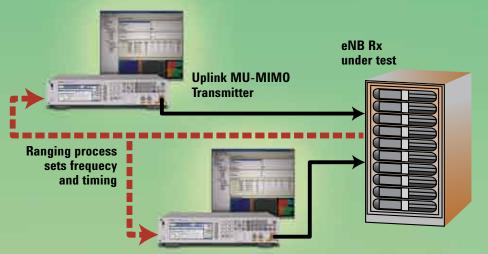


Ten Things You Should Know About MIMO

Agilent is committed to helping you understand MIMO technology so you can get your products to market fast. From R&D through integration and manufacturing, Agilent has test equipment to provide insight into these complex signals and allow you to meet your time to market goals. Agilent MIMO Design and Test Portfolio -Greater insight. Greater confidence.

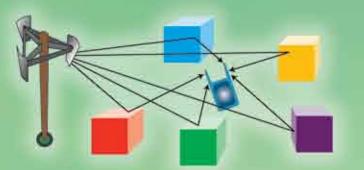


removed by the tracking processes in the demodulator.



MS antenna configuration has a major impact on

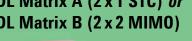
The angle of departure from the BS antenna towards an individual user is relatively narrow, while the

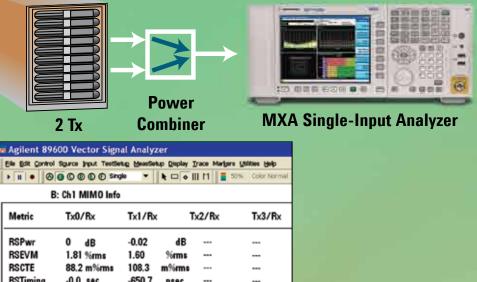


- Units		63001
		1
-	_	-
-		
		-

data capacity.

Measurements with combiner:

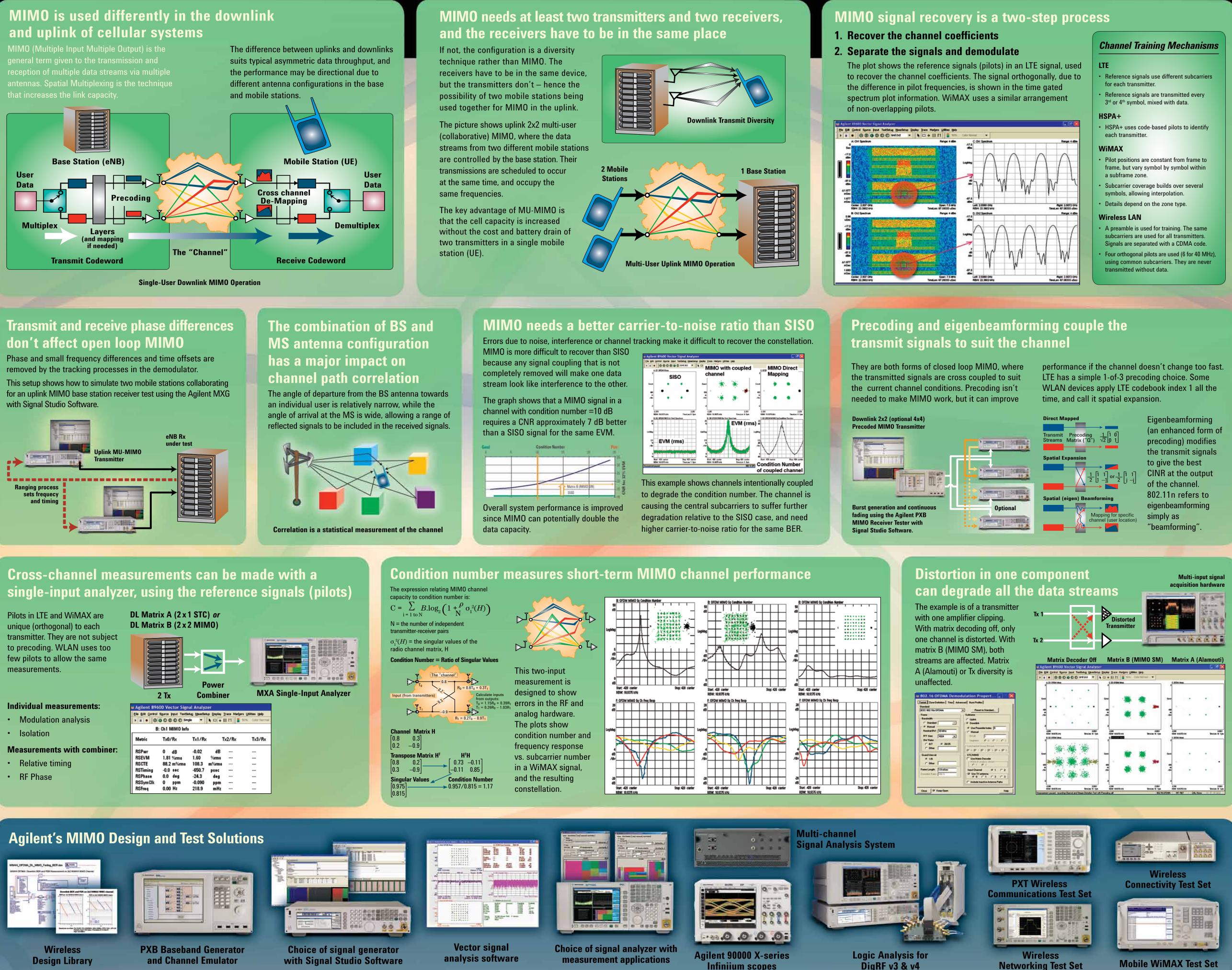




The expression relating MIMO channel

capacity to condition number is: N = the number of independent transmitter-receiver pairs $\sigma_1^2(H)$ = the singular values of the





"WiMAX" is a trademark of the WiMAX Forum.

Agilent Technologies

www.agilent.com/find/mimo

Product specifications and descriptions in this document subject to change without notice. ©Agilent Technologies, Inc. 2008, 2009, 2010. Printed in USA. November 19, 2010 5989-9618EN

Mobile WiMAX Test Set