



MIKROTIK

Mikrotikls SIA (SIA "Mikrotikls")

Address: Unijas iela 2, Rīga, LV-1039, Latvia

Phone: +371 67317700

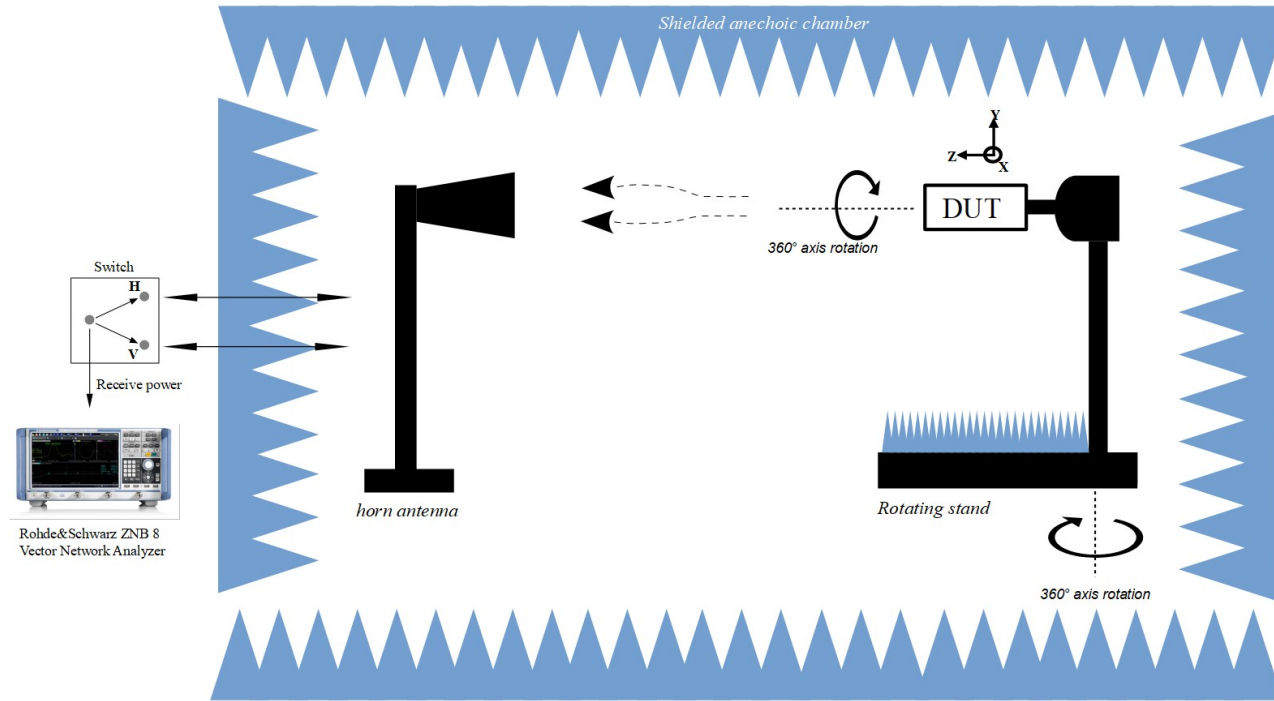
Fax: +371 67317701

Email: Certification@mikrotik.com

Antenna details

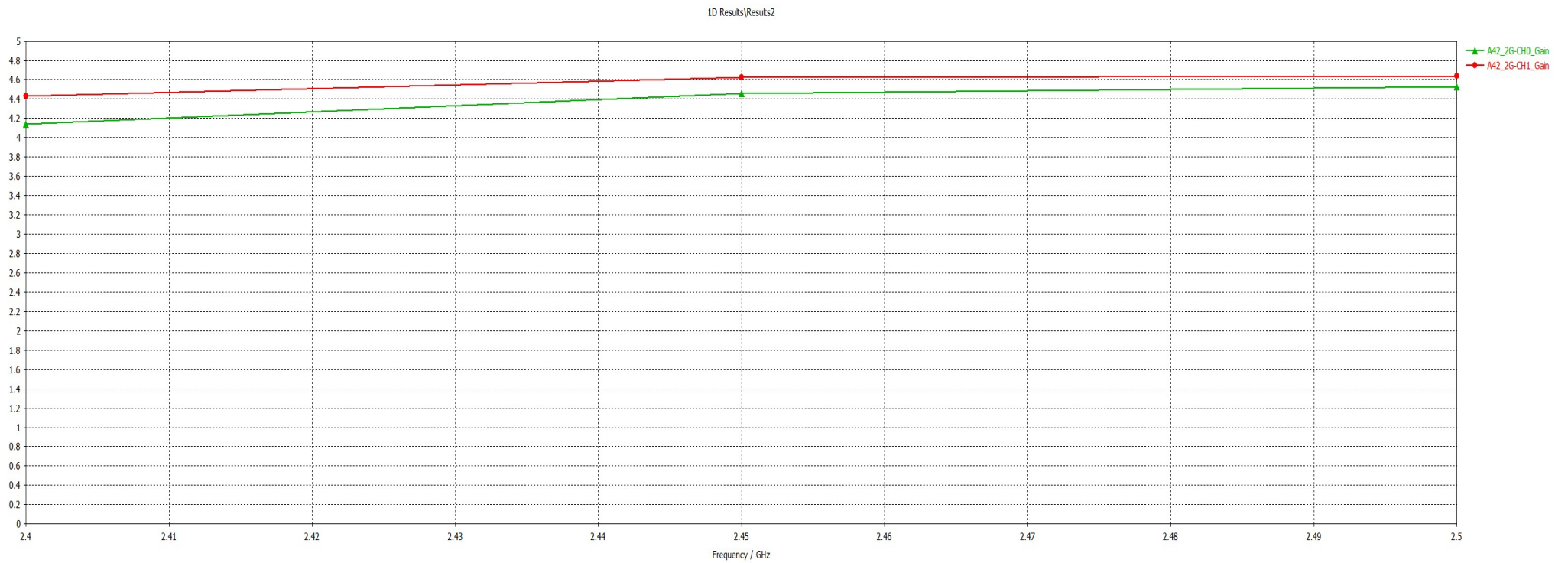
Ant No.	Number of Antennas	Type	Manufacturer	Model	Family	Peak Gain (dBi)	Frequency Band (MHz)
1	1	Internal (Wi-Fi)	MikroTik	PCB antenna	PCB antenna	5 dBi for 2.4 GHz and 7 dBi for 5 GHz	5150-5895 and 2412-2462
2	1					5 dBi for 2.4 GHz and 7 dBi for 5 GHz	5150-5895 and 2412-2462
3	1					7 dBi for 5 GHz	5150-5895

Antenna Gain Testing Setup



Explanation: Antenna testing is performed using the test setup above. Antenna gain is measured in 3d plane. The measurements are then taken and ran through CST studio Time domain solver simulation system to draw Antenna peak gain diagram. Simulation is performed taking into account pcb with components, case desing, heatsink and etc.

Realized antenna gain Diagram 2.4 GHz



Realized antenna gain Diagram 5 GHz

