



m i k r o t i k

Mikrotikls SIA (SIA "Mikrotikls")

Address: Brivibas gatve 214i,

Rīga, LV-1039, Latvia

Phone: +371 67317700

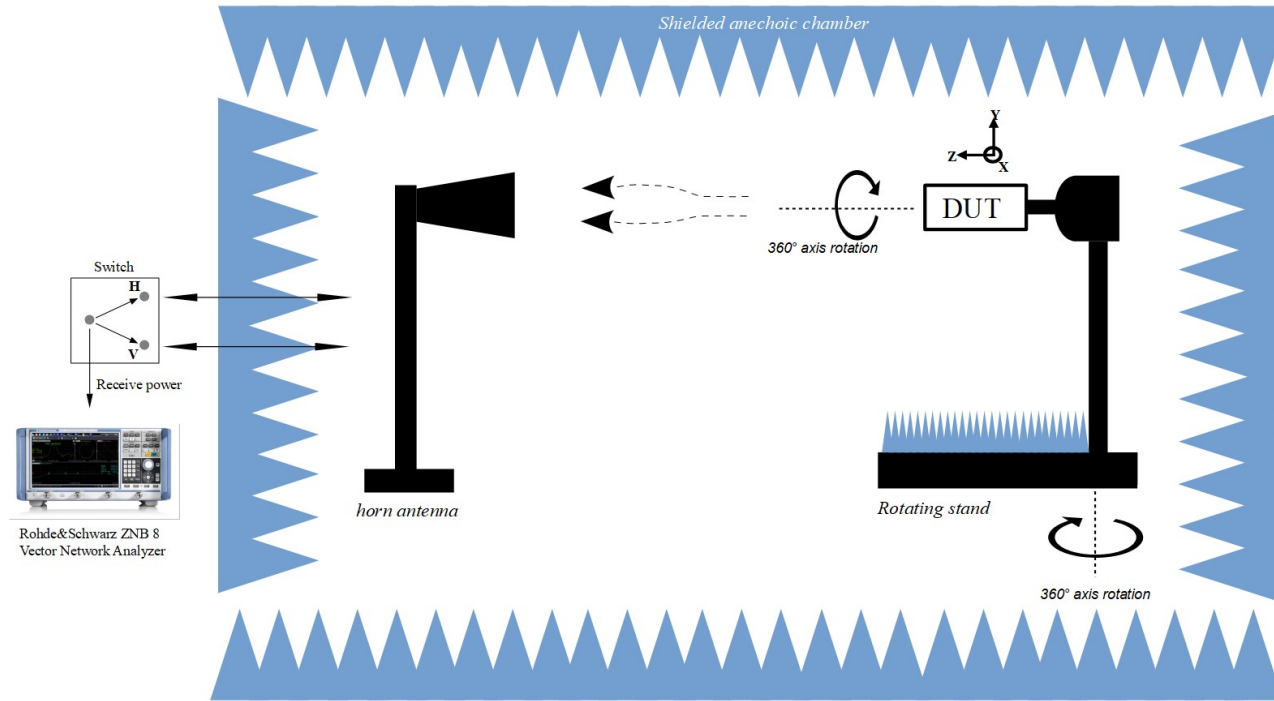
Fax: +371 67317701

Email: Certification@mikrotik.com

Antenna details

Ant No.	Number of Antennas	Type	Manufacturer	Model	Family	Peak Gain (dBi)	Frequency Band (MHz)
1	1	External (Wi-Fi)	MikroTik	MTAD-5G-30D3	Dish (sectoral) antenna	28 30	5150-5250 5250-5850

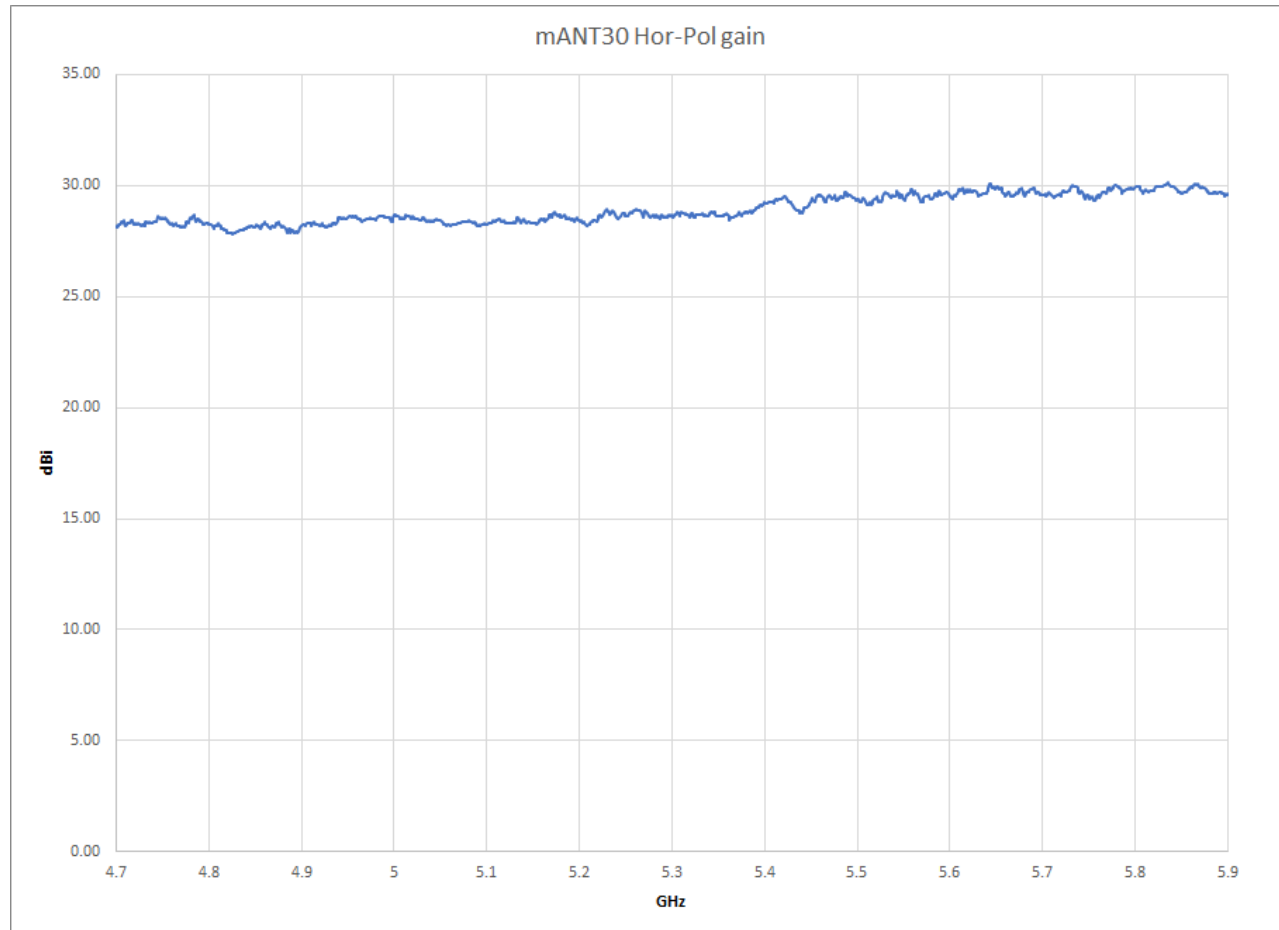
Antenna Gain Testing Setup



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

Horizontal polarization



Vertical polarization

