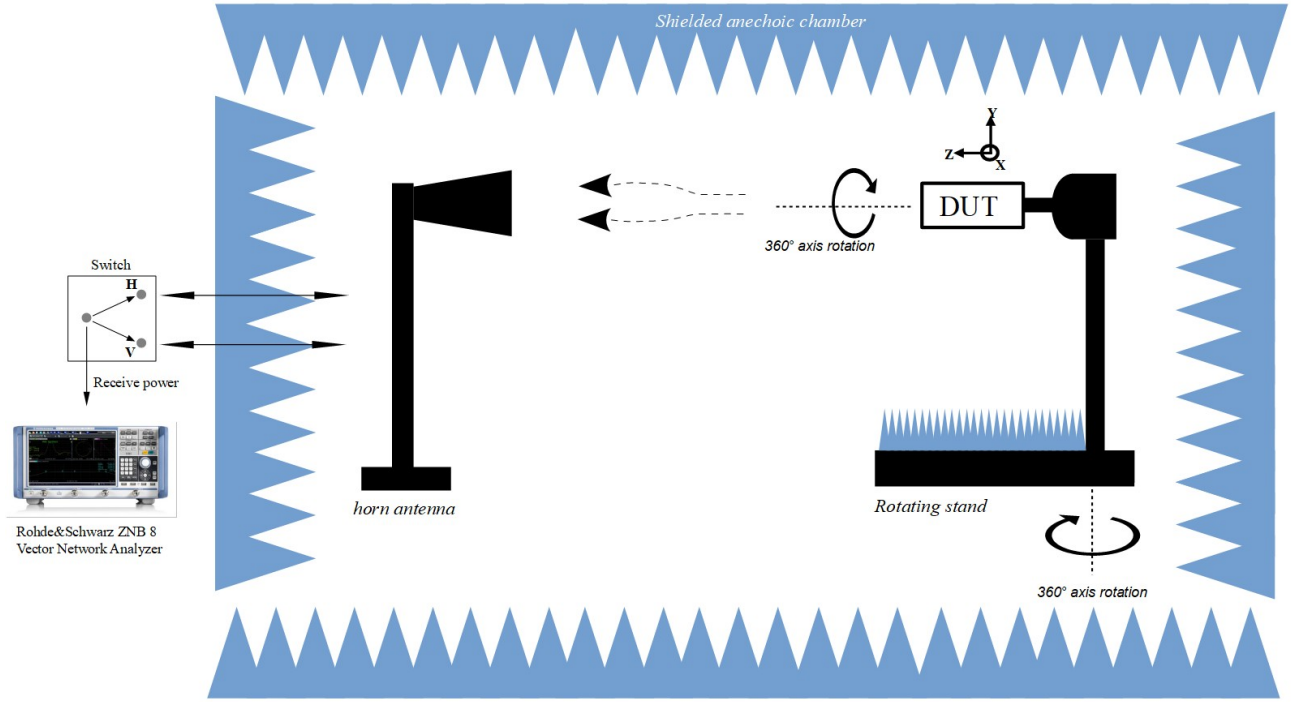
Mikrotikls SIA (SIA "Mikrotīkls")
Address: Ūnijas iela 2,
Rīga, LV-1039, Latvia
Phone: +371 67317700
Fax: +371 67317701
Email: Certification@mikrotik.com

Antenna details

Ant No.	Number of Antennas	Manufacturer	Model	Type	Peak Gain (dBi)	Frequency Band (MHz)
1	1	MikroTik	Flex PCB antenna	Omni	3.71 3.99	2400-2483.5 5150-5895

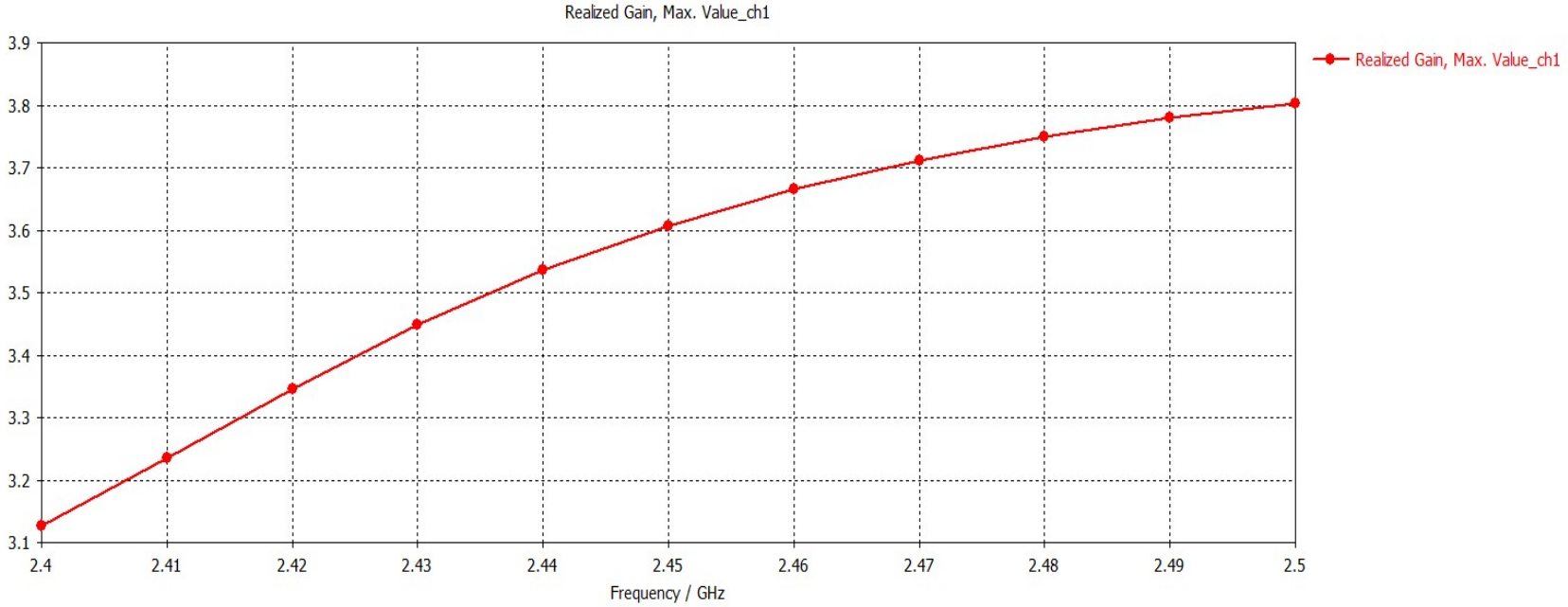
Antenna Gain Testing Setup



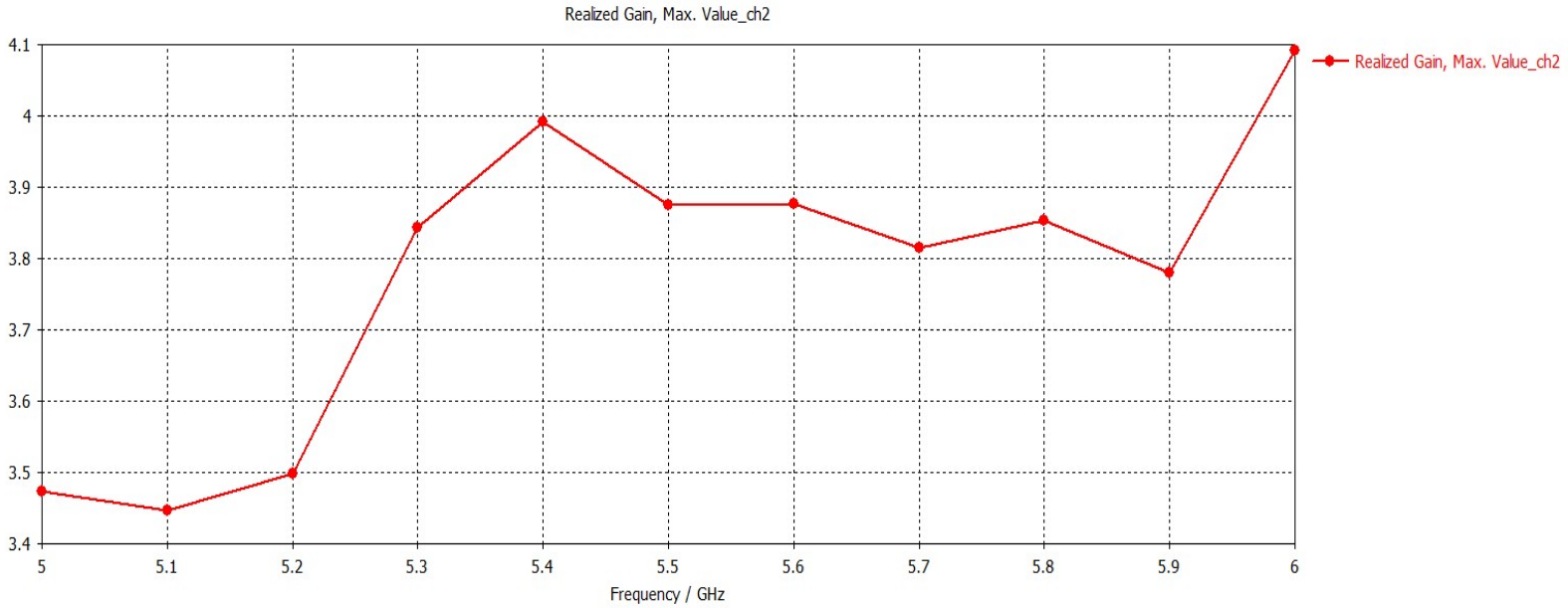
Explanation: Antenna testing is performed using the test setup above. Antenna gain is measured in 3d plane. The measurments are then taken and ran through CST studio Time domain solver sumulation system to draw Antenna peak gain diagram. Simulation is performed taking into account pcb with components,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

Realized antenna gain Diagram

2.4 GHz



5 GHz


Realized Gain, Max. Value_ch2
4.1
4
3.9
3.8
3.7
3.6
3.5
3.4
5
5.1
5.2
5.3
5.4
5.5
5.6
5.7
5.8
5.9
6
Frequency / GHz
Realized Gain, Max. Value_ch2