



MIKROTIK

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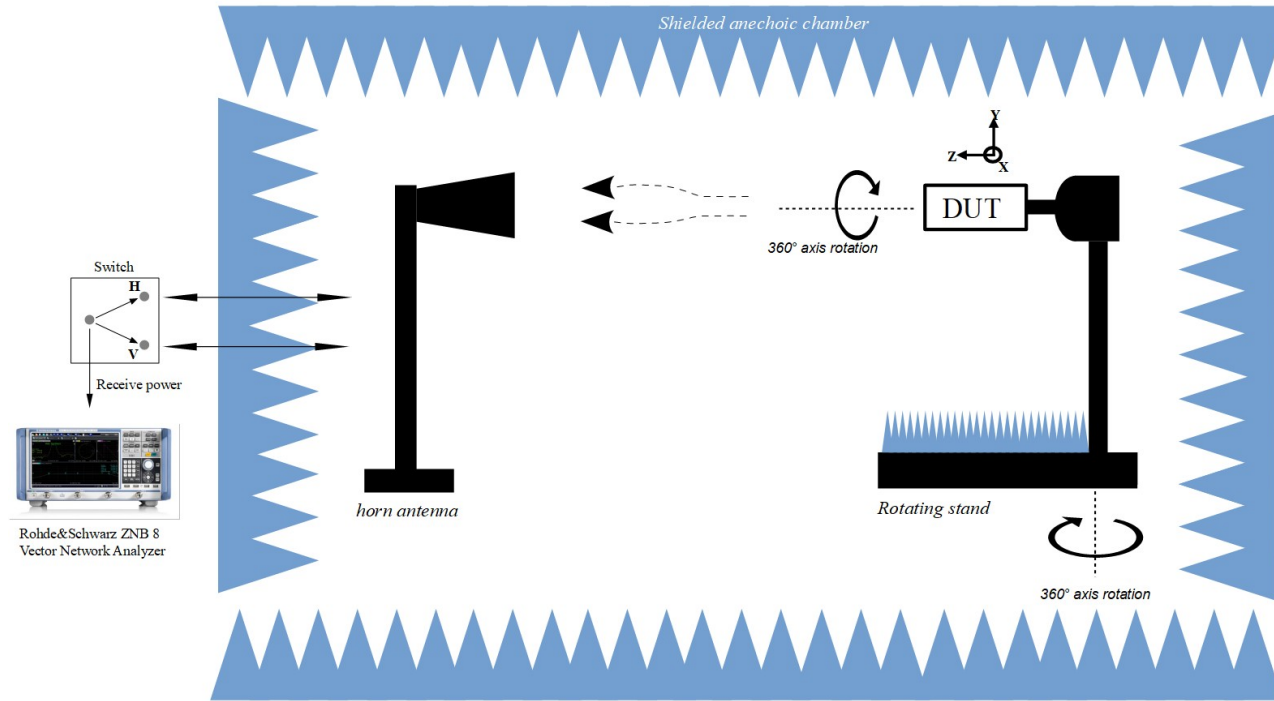
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Antenna details

Ant No.	Number of Antennas	Type	Manufacturer	Model	Family	Peak Gain (dBi)	Frequency Band (MHz)
1	1	Internal (Wi-Fi)	MikroTik	LHG-5HP-P1-R1	Dish antenna	24	5150-5850

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

