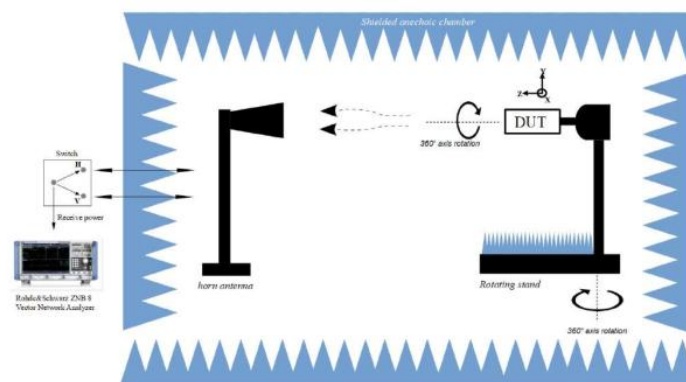


**Mikrotikls SIA (SIA "Mikrotīkls")**

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Antenna details TG-LR92

Ant No.	Number of Antennas	Type	Manufacturer	Model	Family	Peak Gain (dBi)	Dir BW	Frequency Band (MHz)
1	1	LoRa 902-928 MHz	MikroTik	TG-LR92	Omnidirectional Antenna	-4 dBi	360°	902-928 MHz
2	1	LoRa 2400-2483.5 MHz	MikroTik	PAP-PIFAANT-2_4GHZ-R1-V2-VT	Omnidirectional Antenna	2 dBi	360°	2400-2483.5 MHz

Antenna Gain Testing Setup

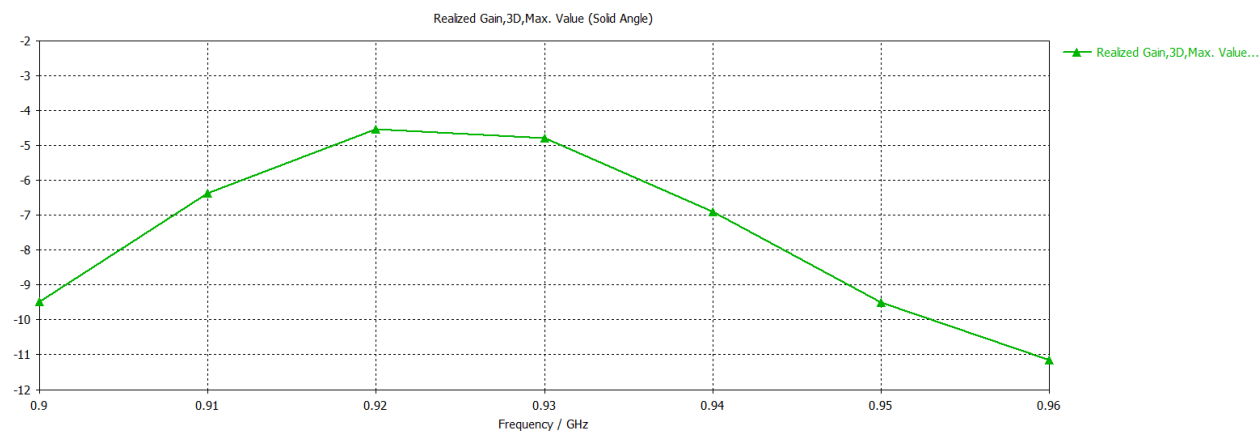
Explanation: Antenna testing is performed using the test setup above. Antenna gain is measured in 3d plane. The measurements are then taken and run through CST studio Time domain solver simulation system to draw Antenna peak gain diagram. Simulation is performed taking into account pcb with components,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



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1. TG-LR92 Antenna



2. PAP-PIFAANT-2_4GHZ-R1-V2-VT Antenna

