

Antenna test report

Antenna Manufacturer Information

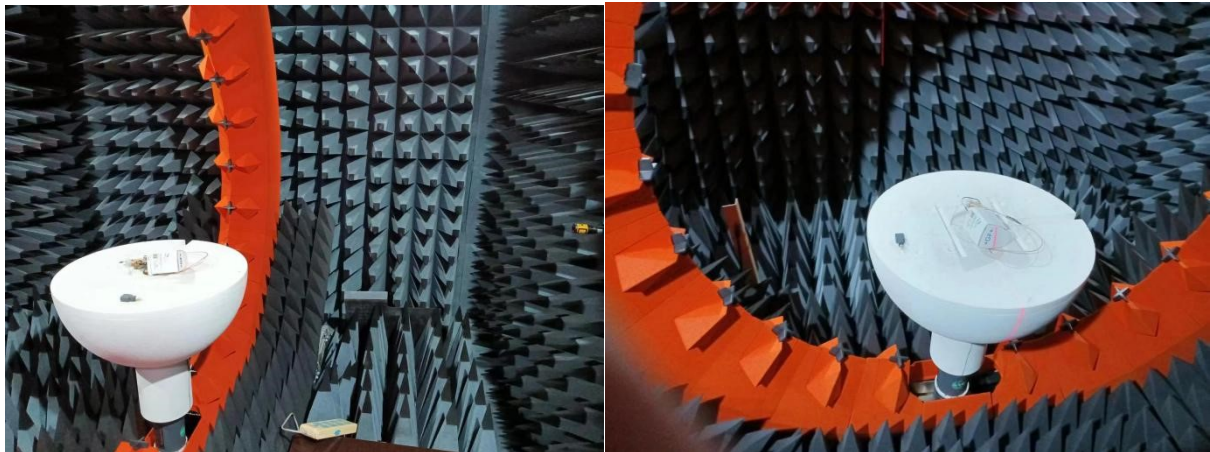
Company name: Iftest AG

Company address: Schwimmbadstrasse 43 CH-5430 Wettingen

Antenna Spec

Item	Specification
Frequency	2.4G-2.5Ghz
Max gain	1.82dBi
Antenna	PCB Antenna
Efficiency	20%
Impedance	50Ω

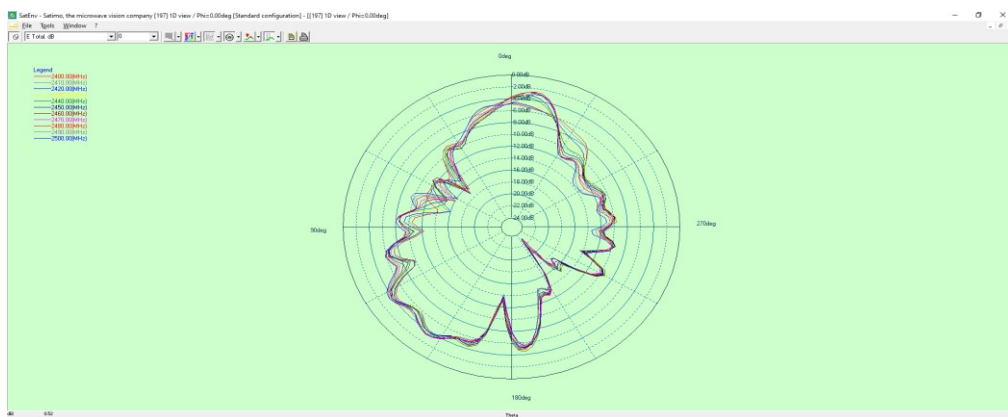
1.Test Setup

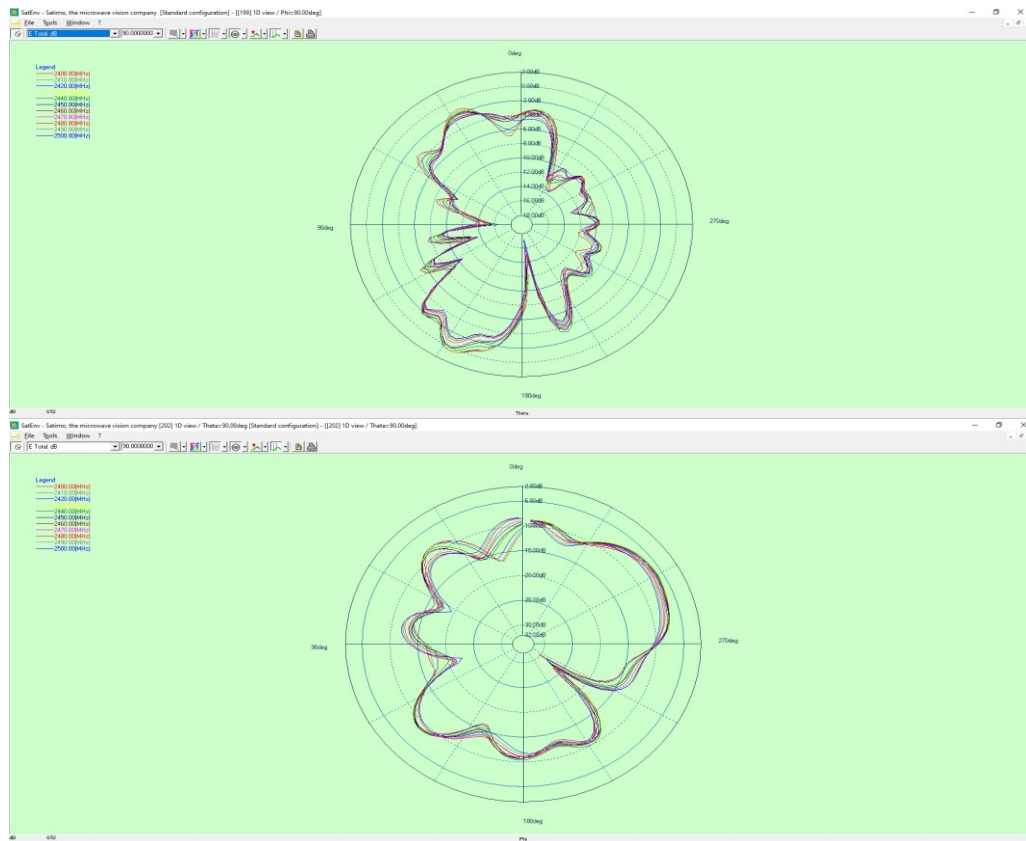


2. Antenna gain, Energy Efficiency

Frequency	Efficiency	Efficiency . dB	Max gain
2400000000	19%	-7.127541231	1.434511
2410000000	20%	-7.045092642	1.5675748
2420000000	20%	-7.086829853	1.725297
2430000000	20%	-6.939018524	1.8213848
2440000000	20%	-7.018943839	1.7966388
2450000000	19%	-7.233375195	1.6238229
2460000000	19%	-7.240256974	1.5601936
2470000000	18%	-7.494971312	1.1555056
2480000000	18%	-7.534360062	0.977665
2490000000	17%	-7.774189142	0.7152482
2500000000	16%	-7.851865935	0.6996723

3. 2D





4. Antenna location and size

Antenna area

