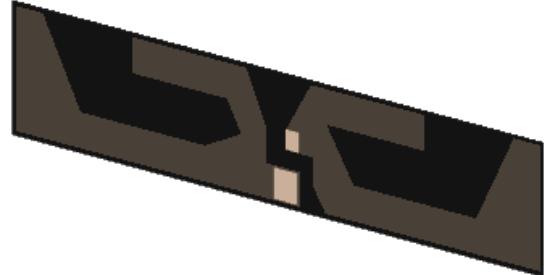


The Oscium-S and Oscium-T antennas were designed to be used with 2.4, 5, and 6GHz (tri-band) 802.11 Wi-Fi clients. The design is compact and is intended to be installed to the inside of a plastic case. It can be used in both Tx and Rx modes.



1. Electrical Specs

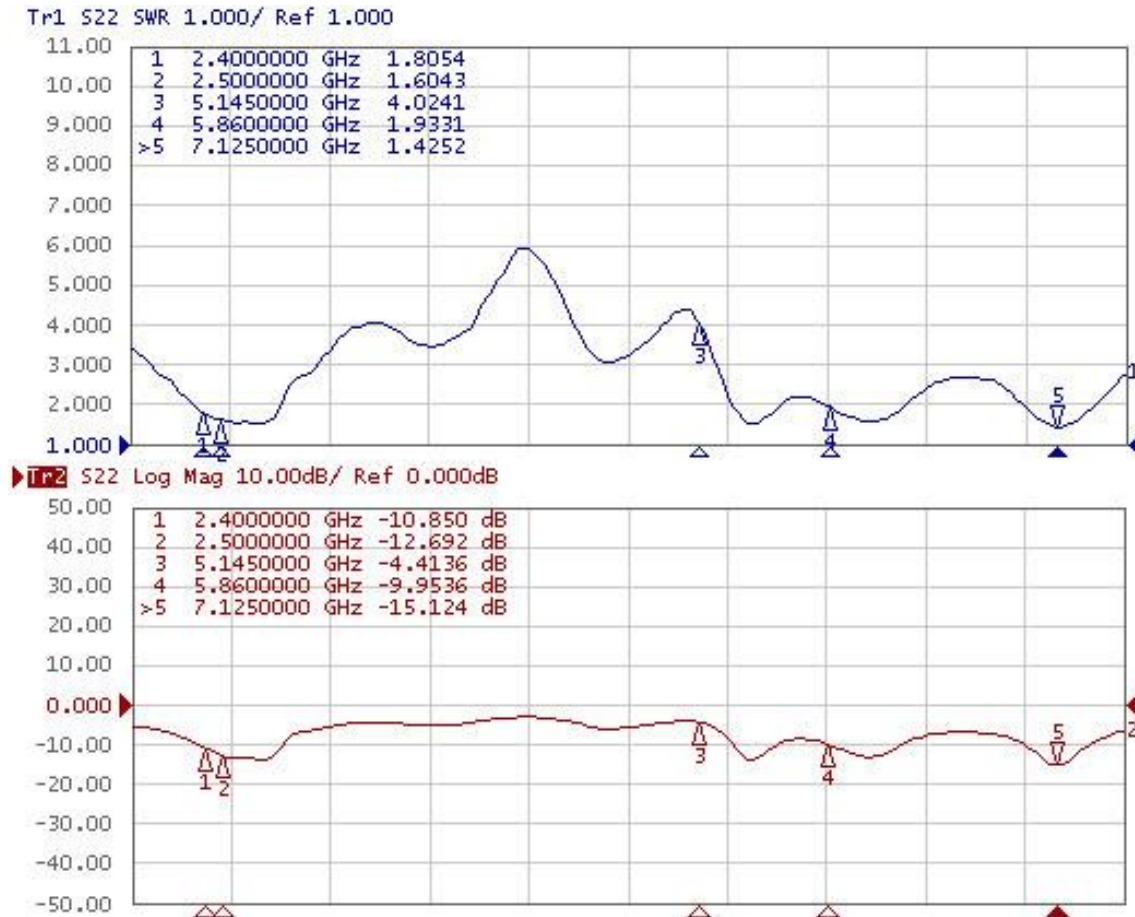
Part Numbers:	Oscium-S Oscium-T
Frequency Range:	2400-2500 MHz 5150-5850 MHz 5925-7125 MHz
Max Gain:	
2400-2500MHz	2.7 dBi
5150-5850MHz	3.9 dBi
5950-7150MHz	4.4 dBi
VSWR:	3.0 Max
Connector:	MHF4L
Cable:	0.81 mm coax Oscium-S (55mm) Oscium-T (45mm)
Polarization:	Vertical
Radiation Pattern:	Omnidirectional

2. Mechanical Specs

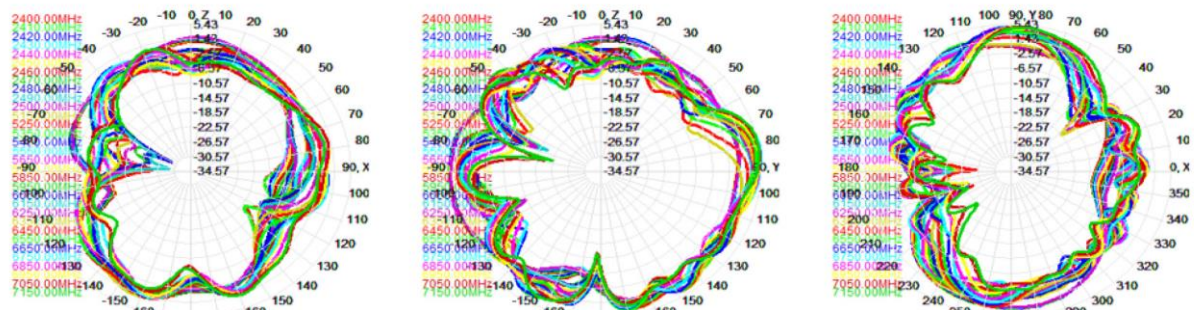
Size:	40.5 x 7.4mm
Weight:	<1 gram
Working Temp:	-40 to 65 F
Silkscreen Color:	Black
RoHS:	Compliant

3. Electrical Characteristics

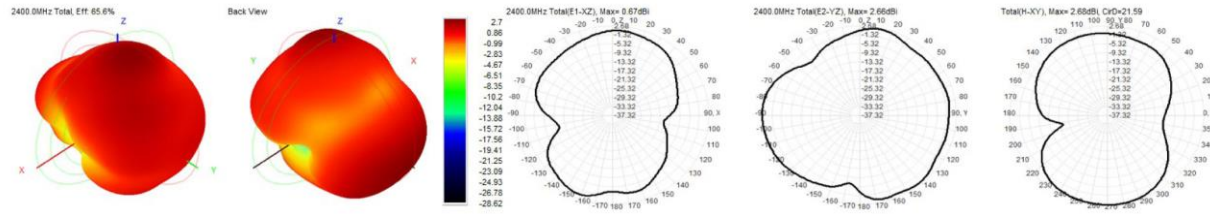
VSWR



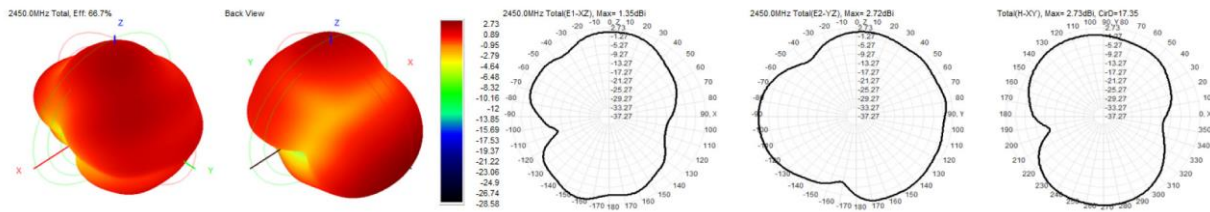
3D Pattern



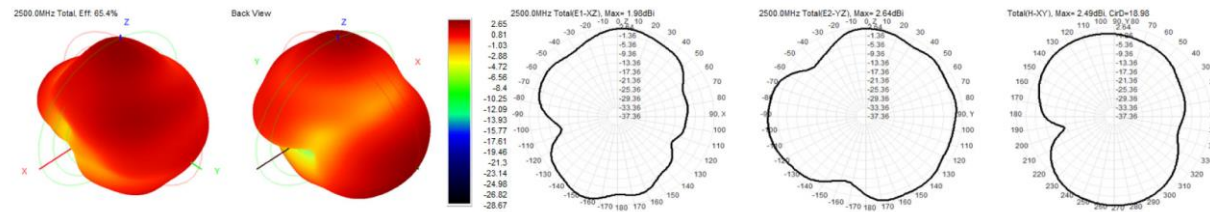
2400MHz



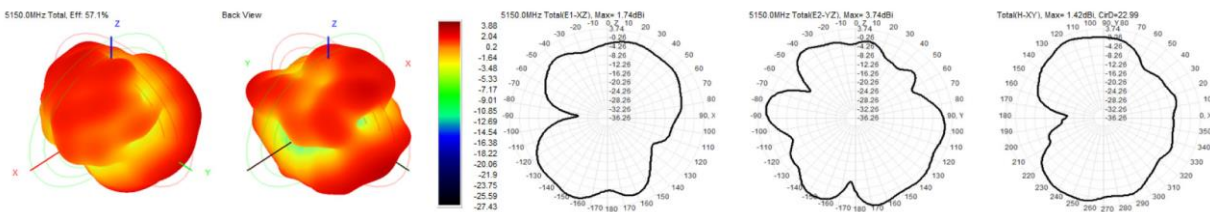
2450MHz



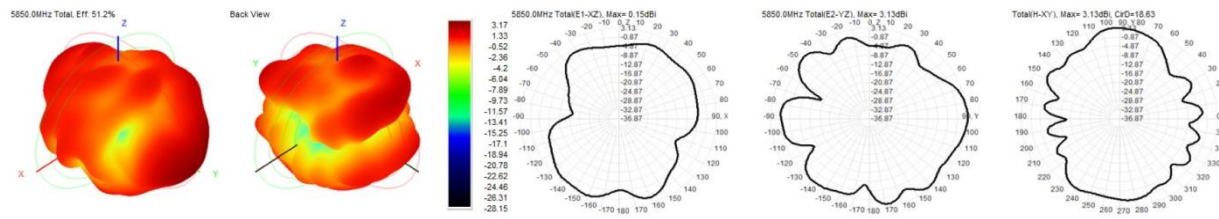
2500MHz



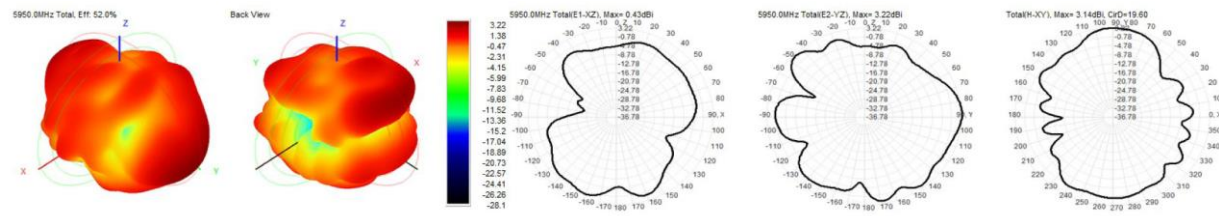
5150MHz



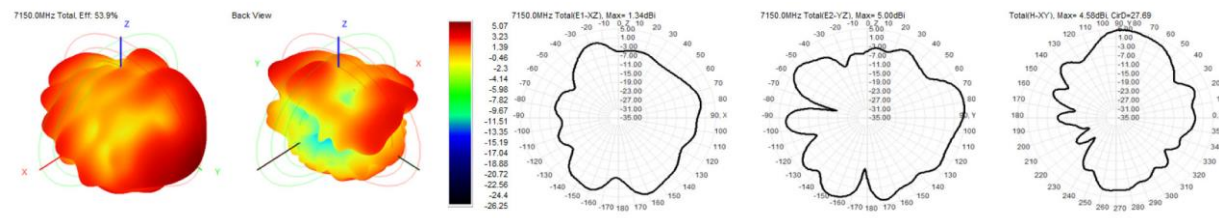
5850MHz



5950MHz



7150MHz



Lab Test Setup

