

Dipole Antenna Test Report

Aug. 28, 2026

Model: RFDPA231300SBMB801

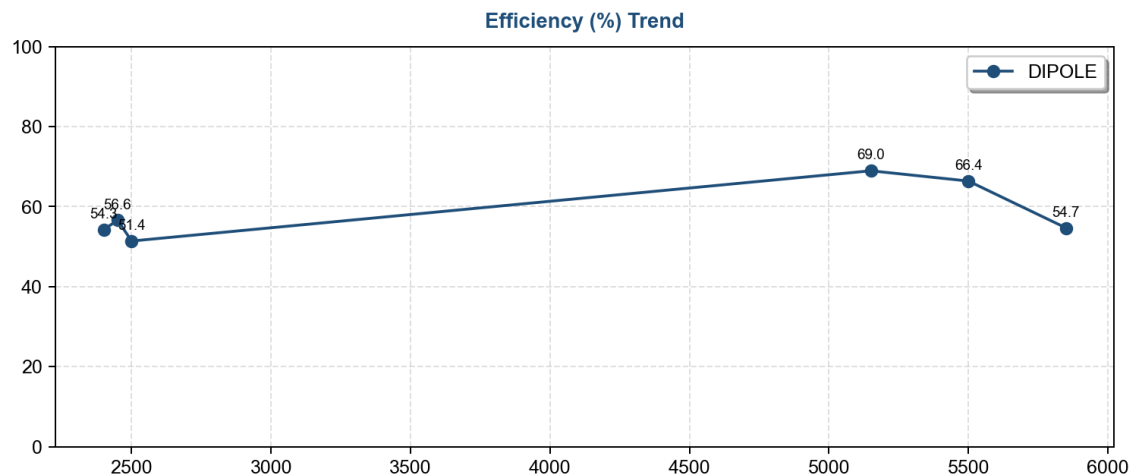
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Taiwan 115 R.O.C.

Efficiency Performance

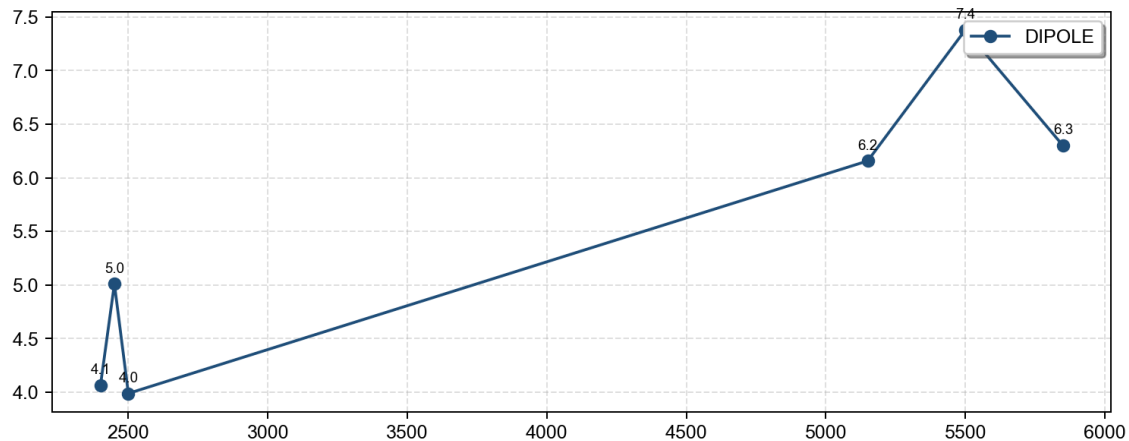
Efficiency (%)	2400	2450	2500	5150	5500	5850
DIPOLE	54.3	56.6	51.4	69.0	66.4	54.7



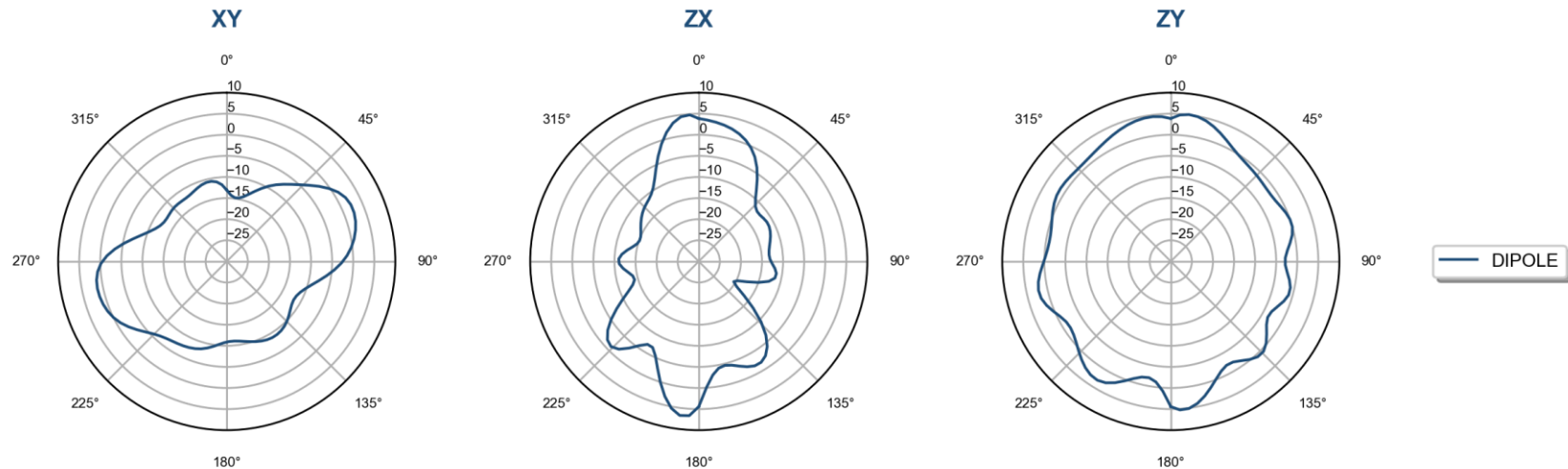
Peak Gain Performance

Gain (dBi)	2400	2450	2500	5150	5500	5850
DIPOLE	4.1	5.0	4.0	6.2	7.38	6.3

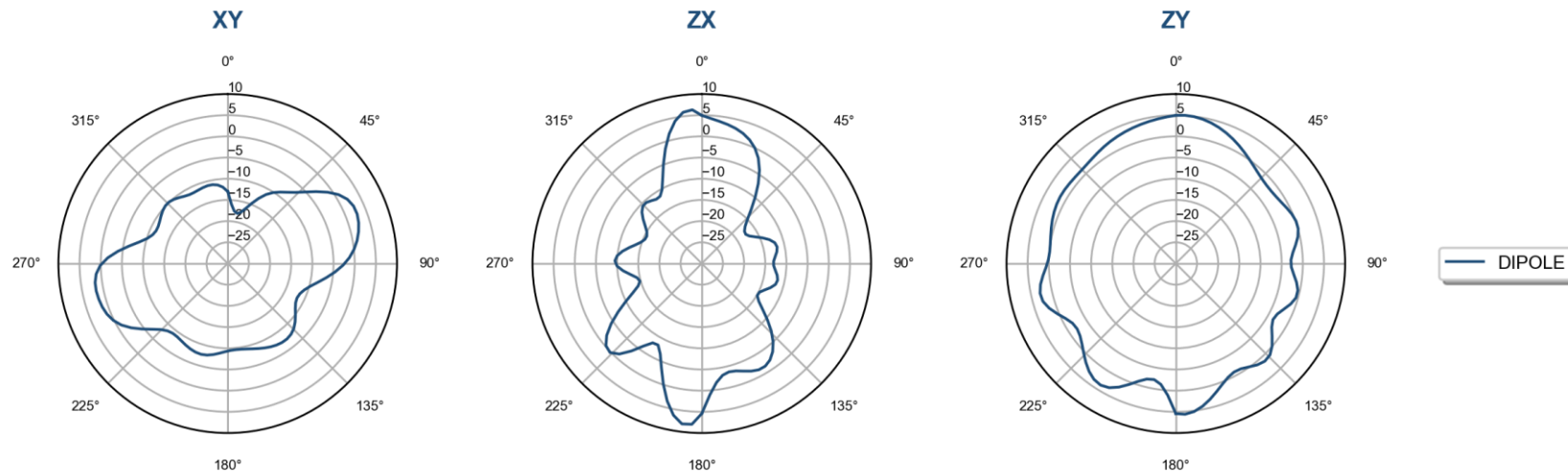
Gain (dBi) Trend



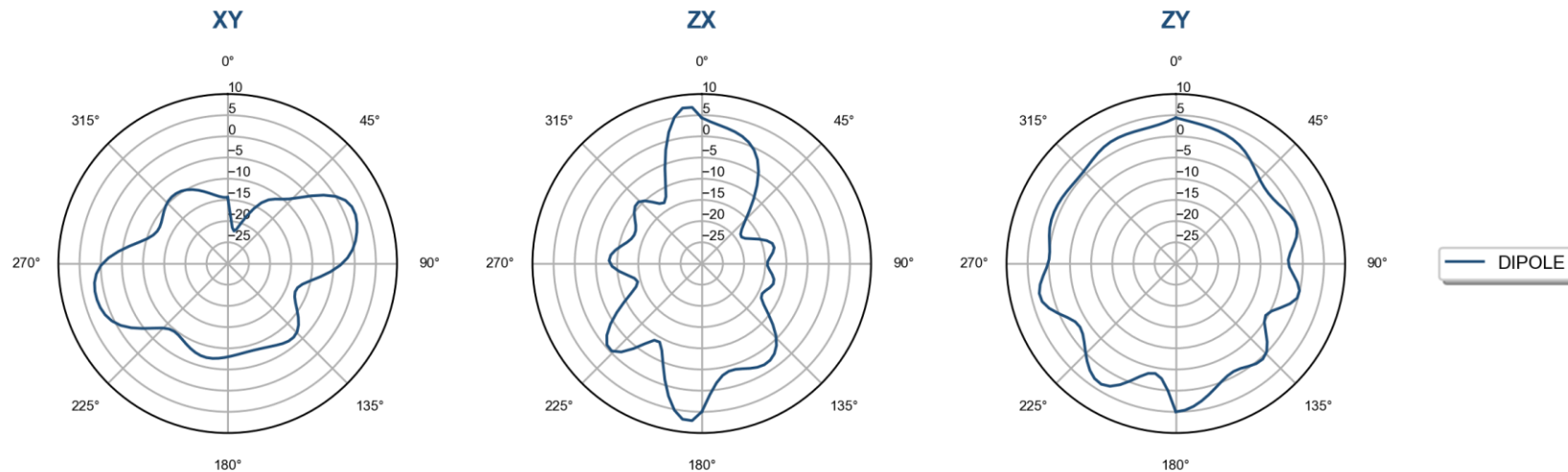
2D Pattern Comparison @ 2400MHz



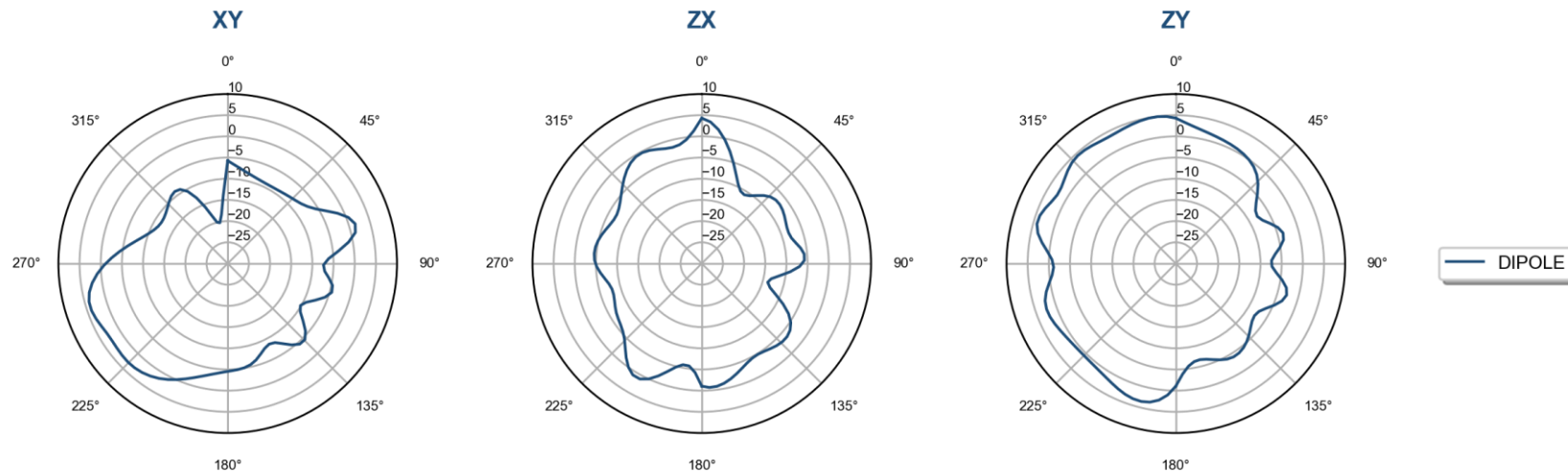
2D Pattern Comparison @ 2450MHz



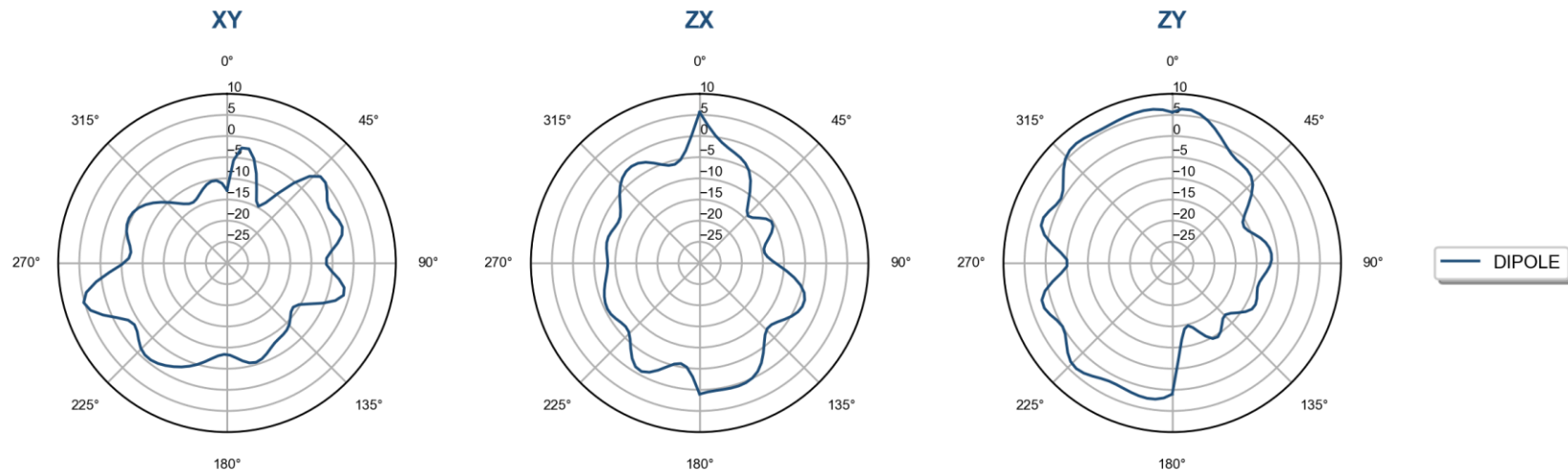
2D Pattern Comparison @ 2500MHz



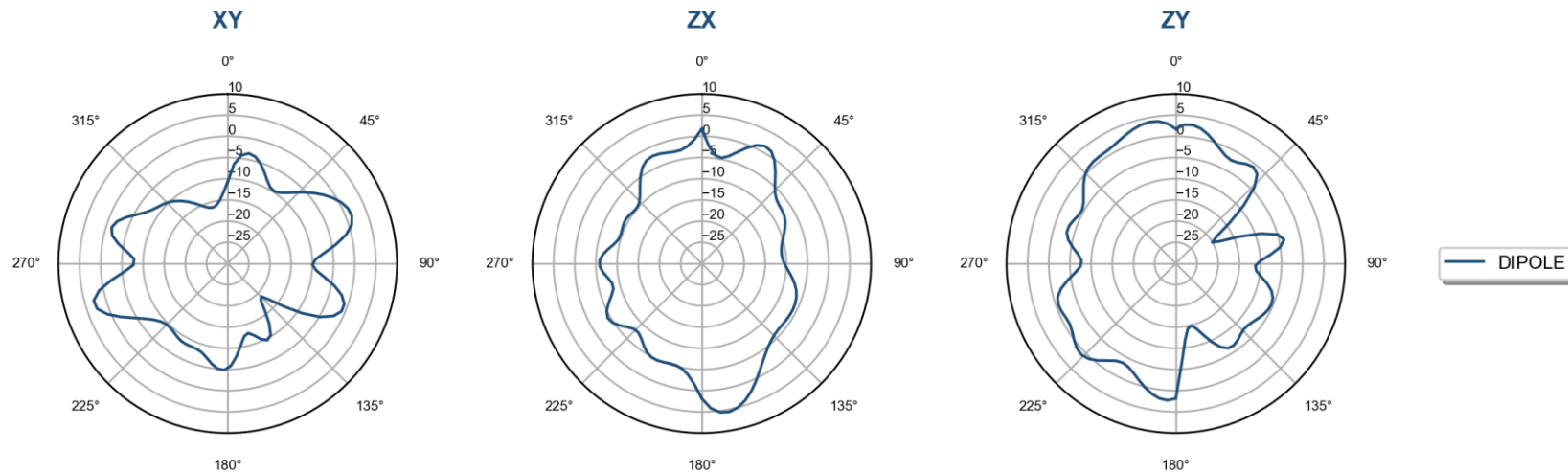
2D Pattern Comparison @ 5150MHz



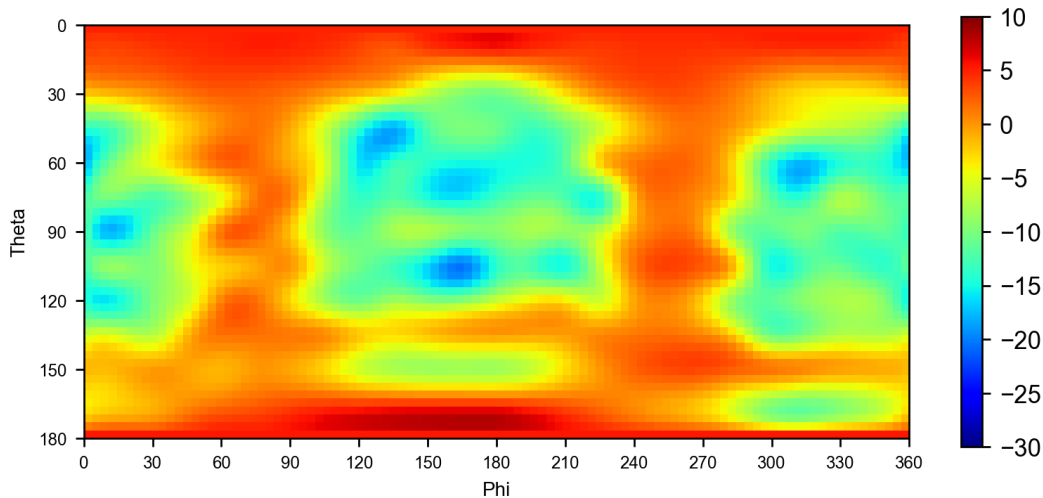
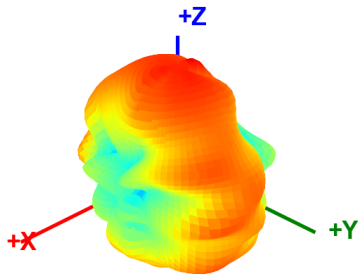
2D Pattern Comparison @ 5500MHz



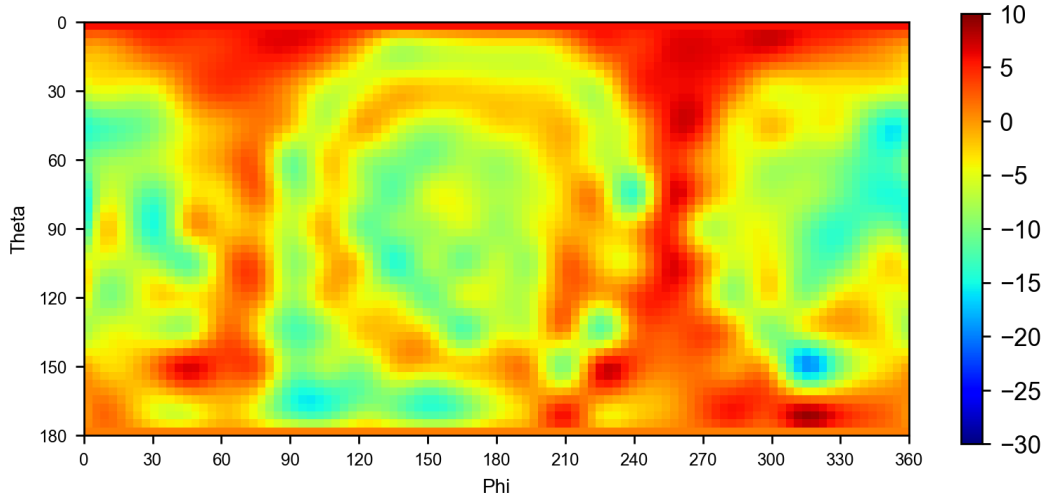
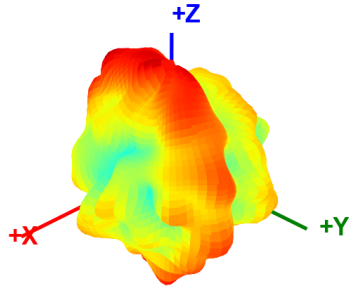
2D Pattern Comparison @ 5850MHz



3D Pattern - DIPOLE @ 2450MHz



3D Pattern - DIPOLE @ 5500MHz



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