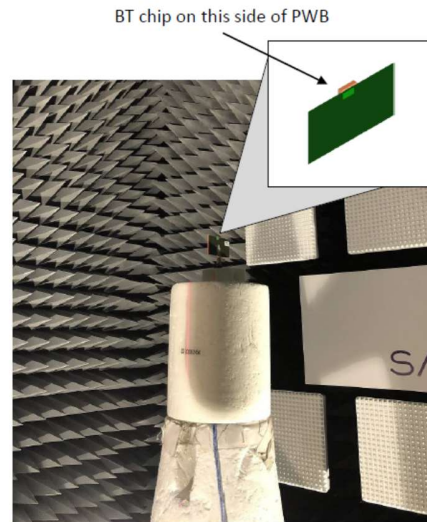
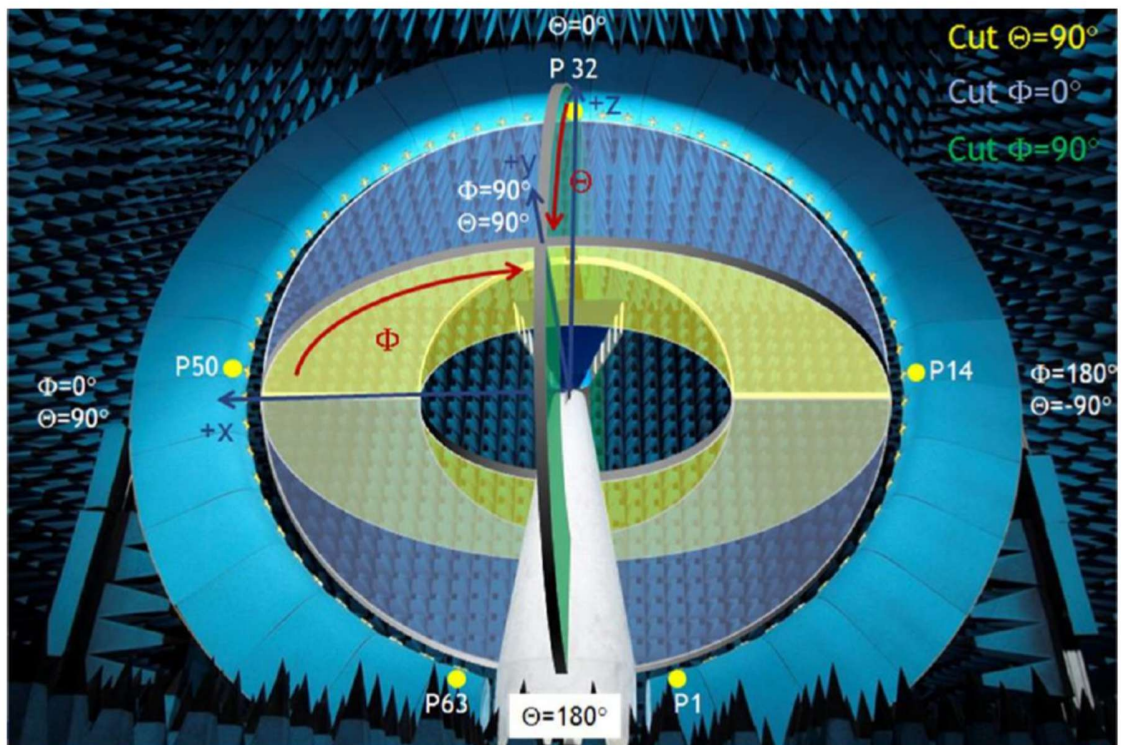


Introduction

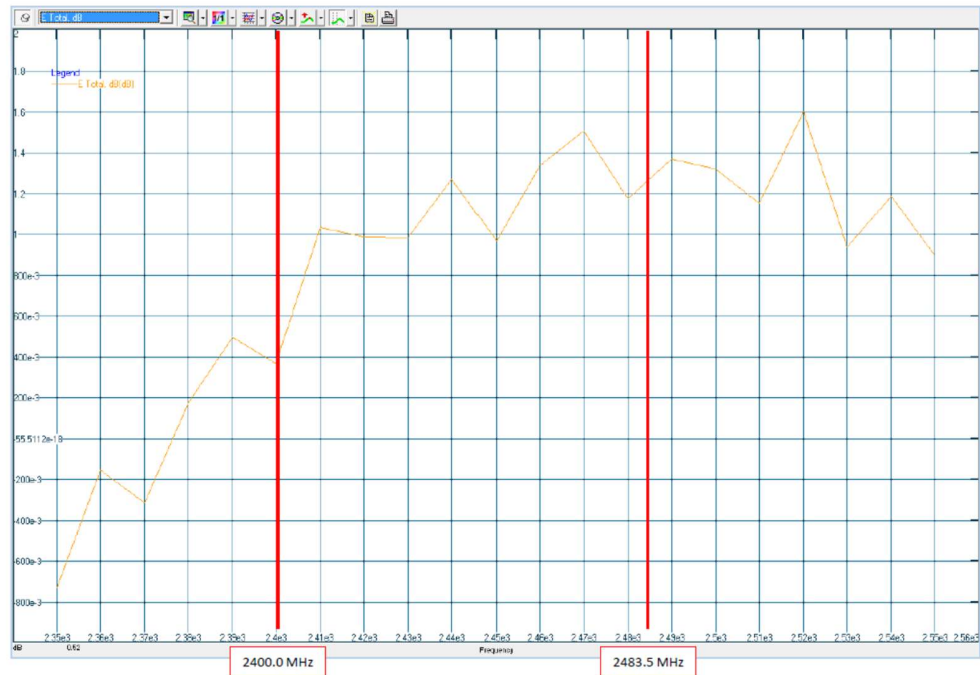
- In this document measurement results for 1 module boards received from Silicon Labs (Denmark) are presented:
 - Module 1 (RV6), Measured sample.
 - Module 2 (RV5), Spare sample. Not measured.
- Parameters measured
 - Efficiency (dB)
 - Peak gain (dB)
 - 3D radiation pattern in middle frequency
 - 1D radiation pattern (dB), Polar Mode, Phi 0, Phi 90 and Theta 90 cuts
- Measurement frequencies:
2350MHz...2550MHz, 10MHz steps
- In all measurements module was placed in the same position and orientation as shown in the picture on right side.



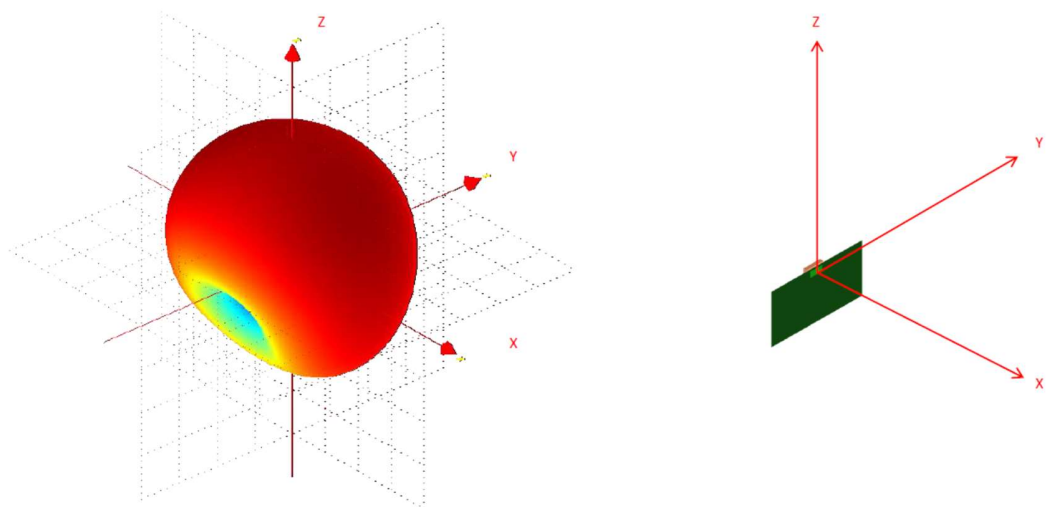
coordinate system



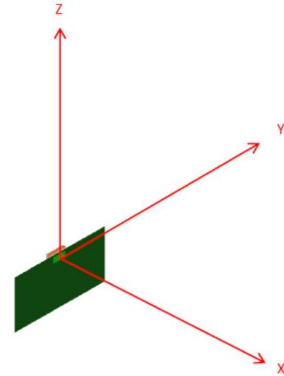
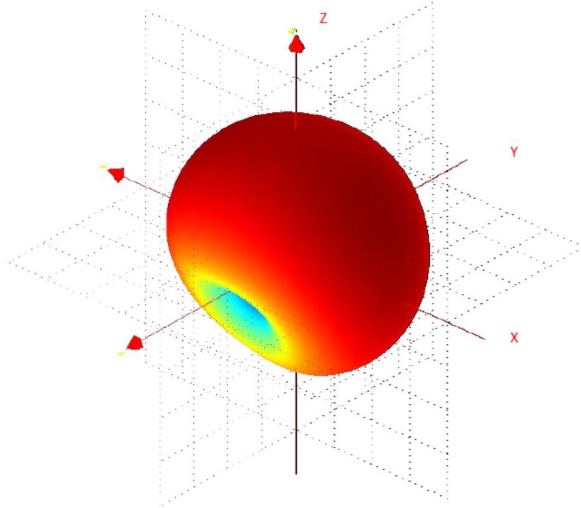
Peak Gain (dBi)



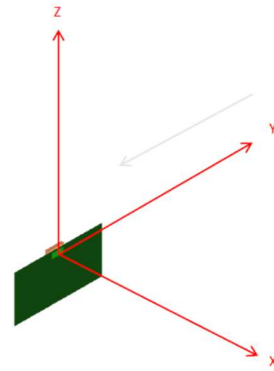
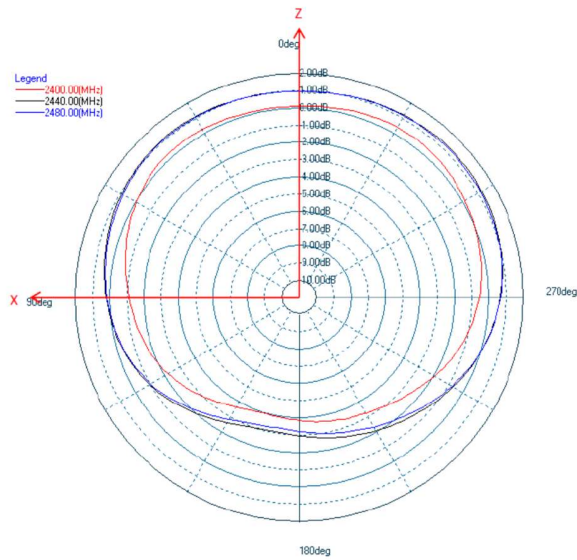
3D gain pattern @ 2440MHz, View 1



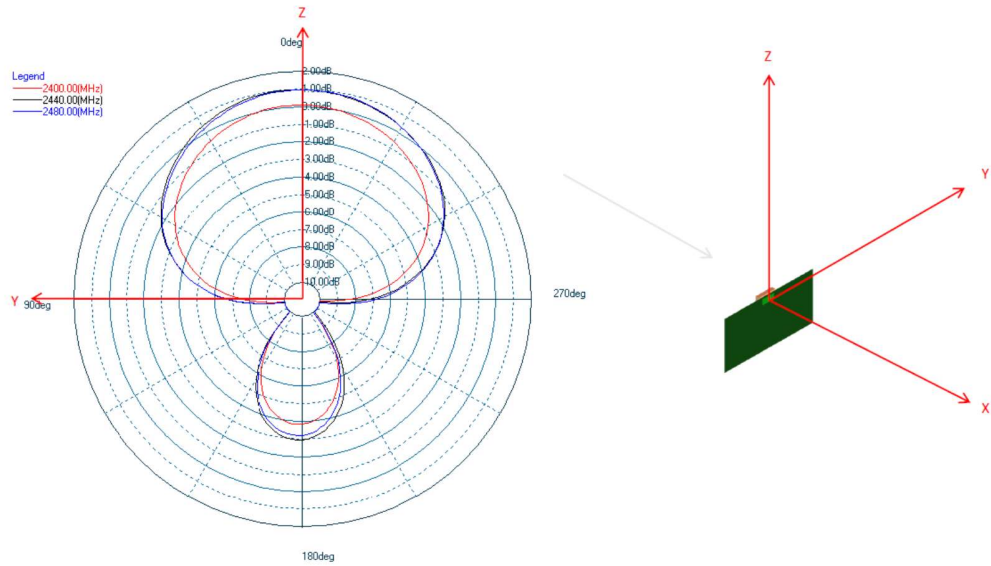
3D gain pattern @ 2440MHz, View 2



Phi0 Gain cut (dBi)



Phi90 Gain cut



Theta90 Gain cut

