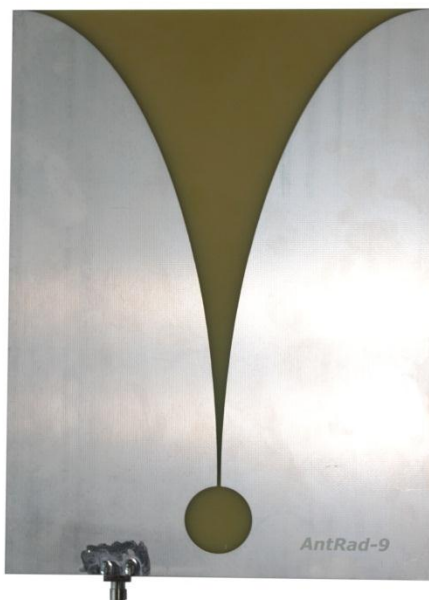


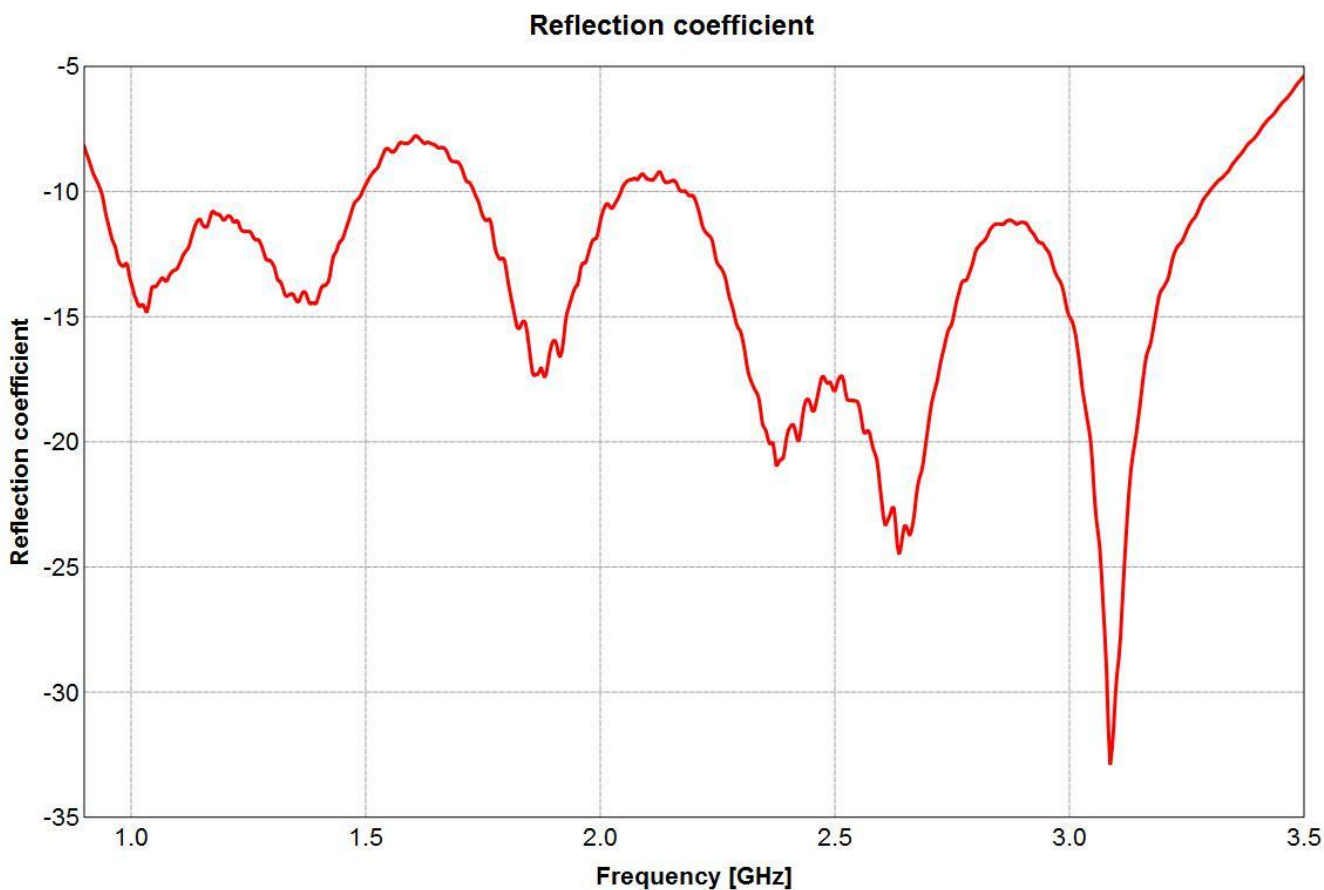
Technical Data

Antenna Type:	antenna Vivaldi
Frequency Range:	0.95 – 3.3 GHz
Gain:	up to 6 dBi (at a frequency of 2 GHz)
Impedance:	50 Ω , unbalanced
VSWR:	< 2,3:1
Size:	196 × 147 × 2 mm without connector
Connector:	SMA
Material:	FR4



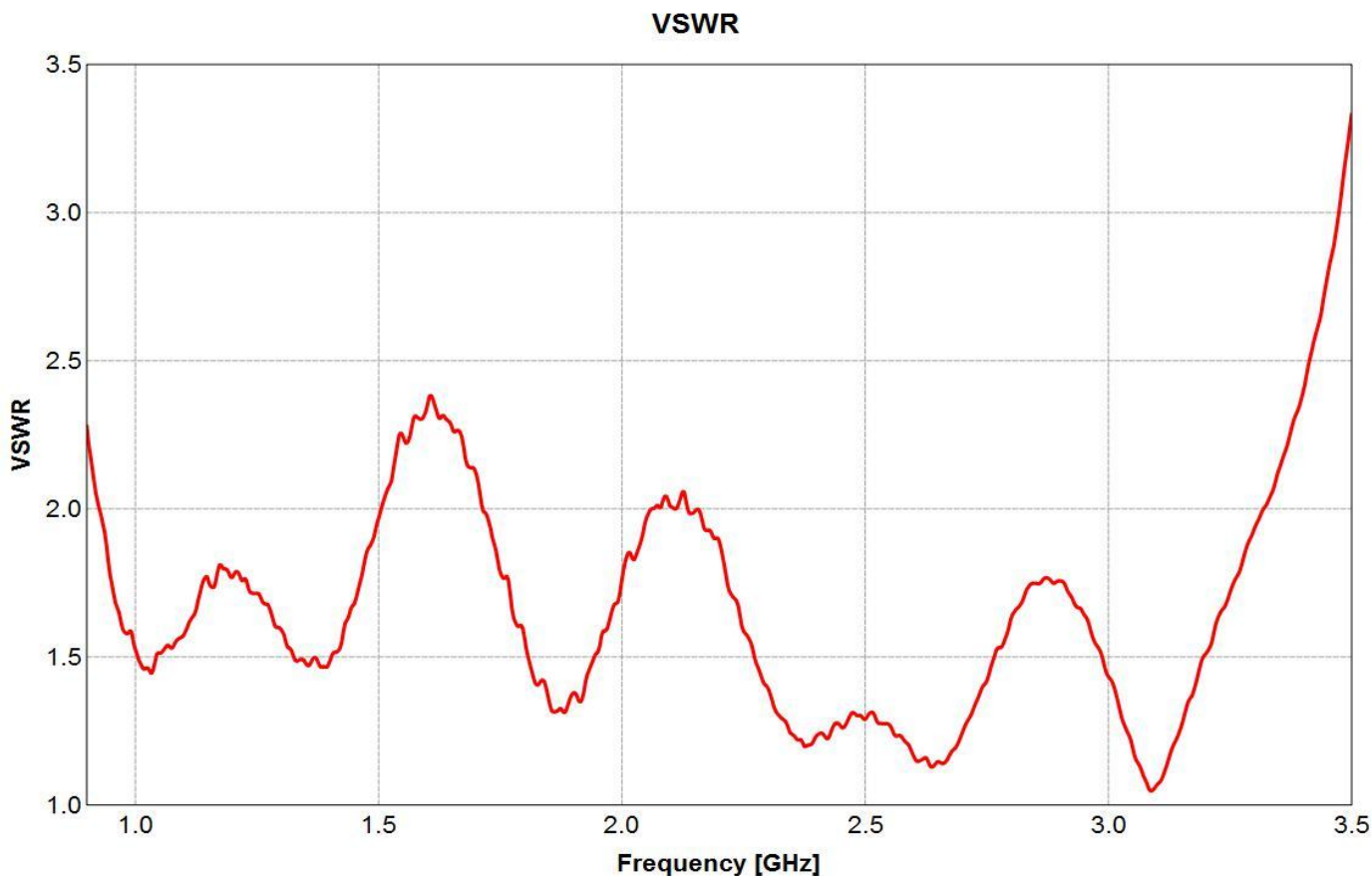
Reflection coefficient

The following picture shows Reflection coefficient S11 in dB.



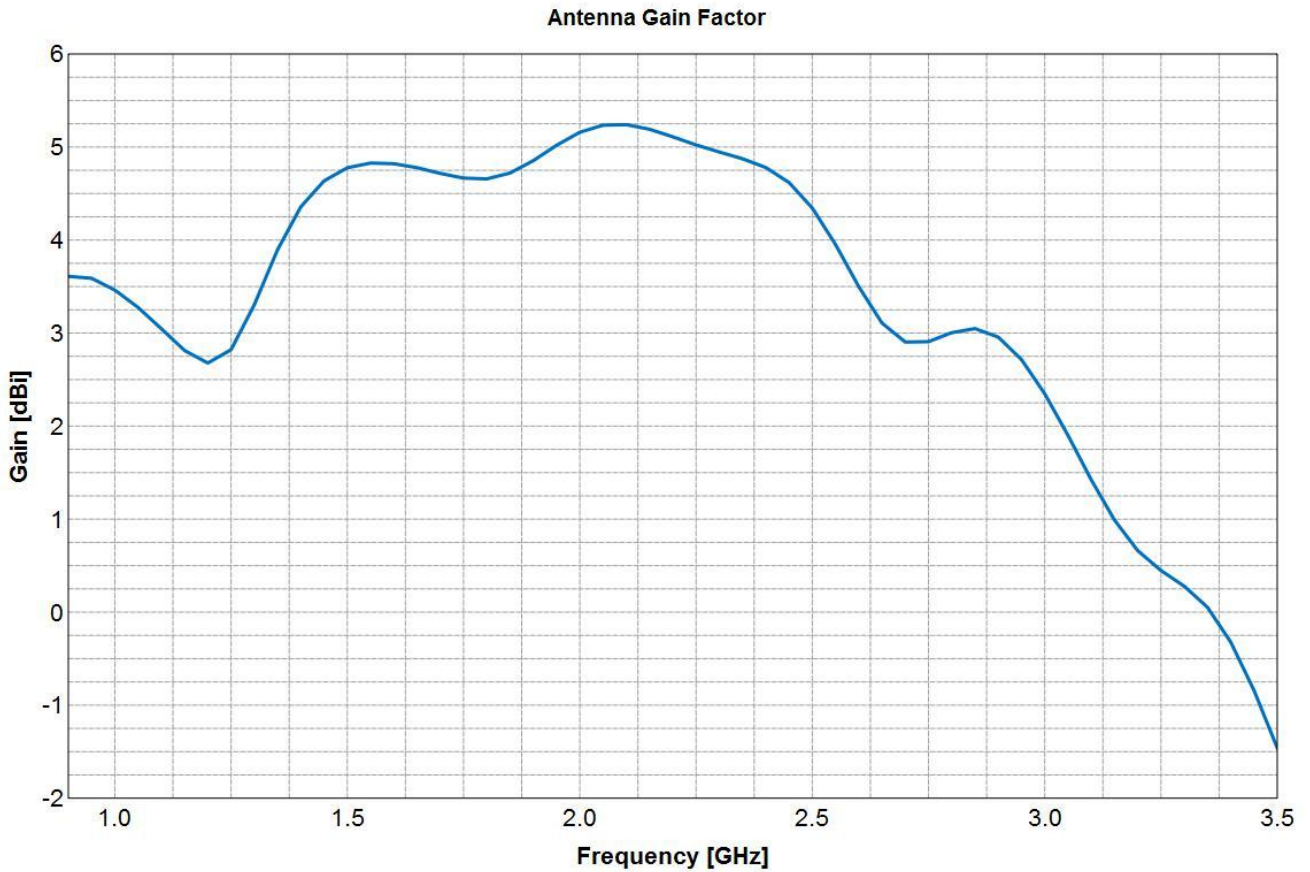
VSWR

The following picture shows VSWR.



Gain

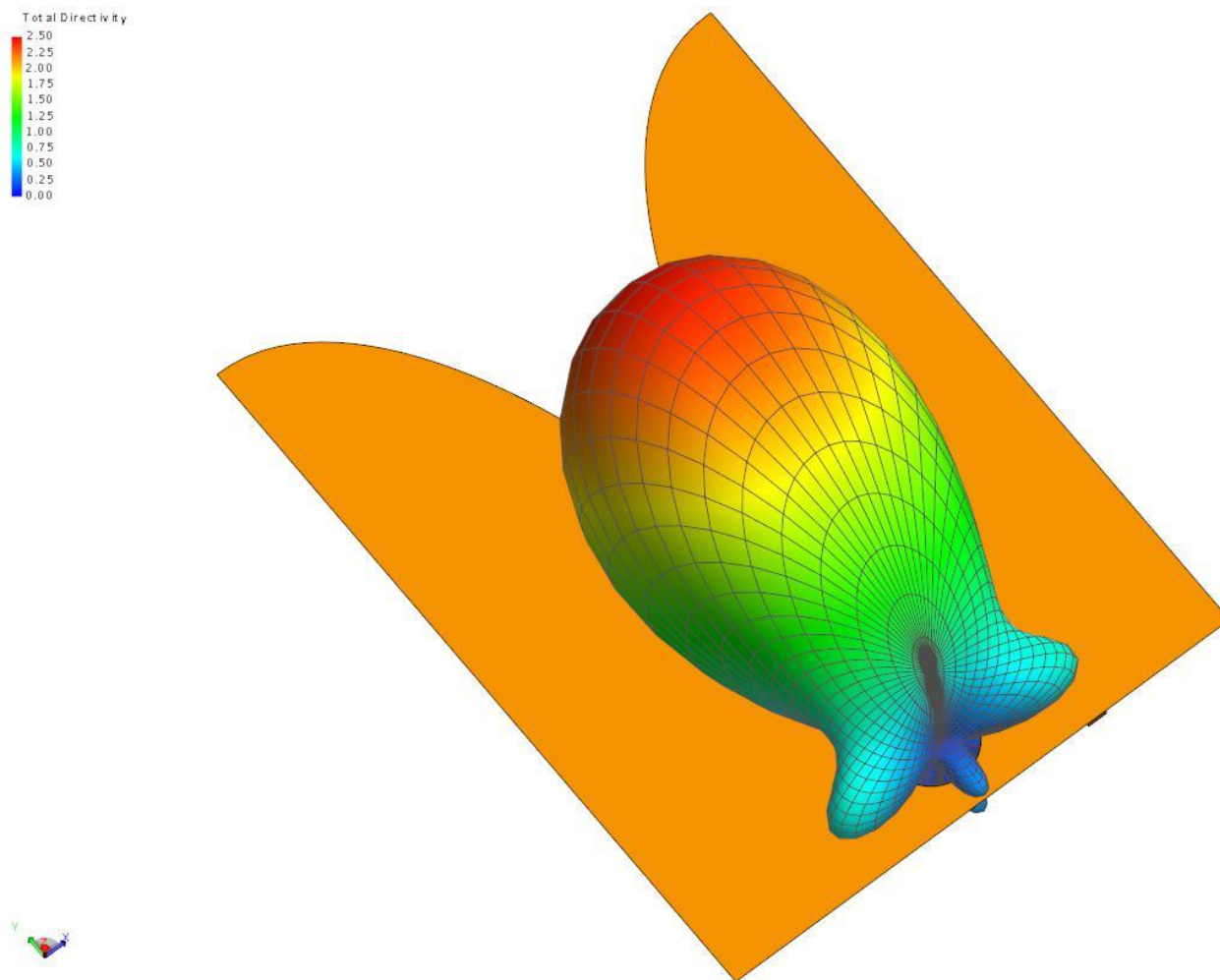
The following picture shows Gain factor.



Total Gain [dBi] (Theta = 75 deg; Phi = 90 deg) - 2ivaldM1542_rou_10

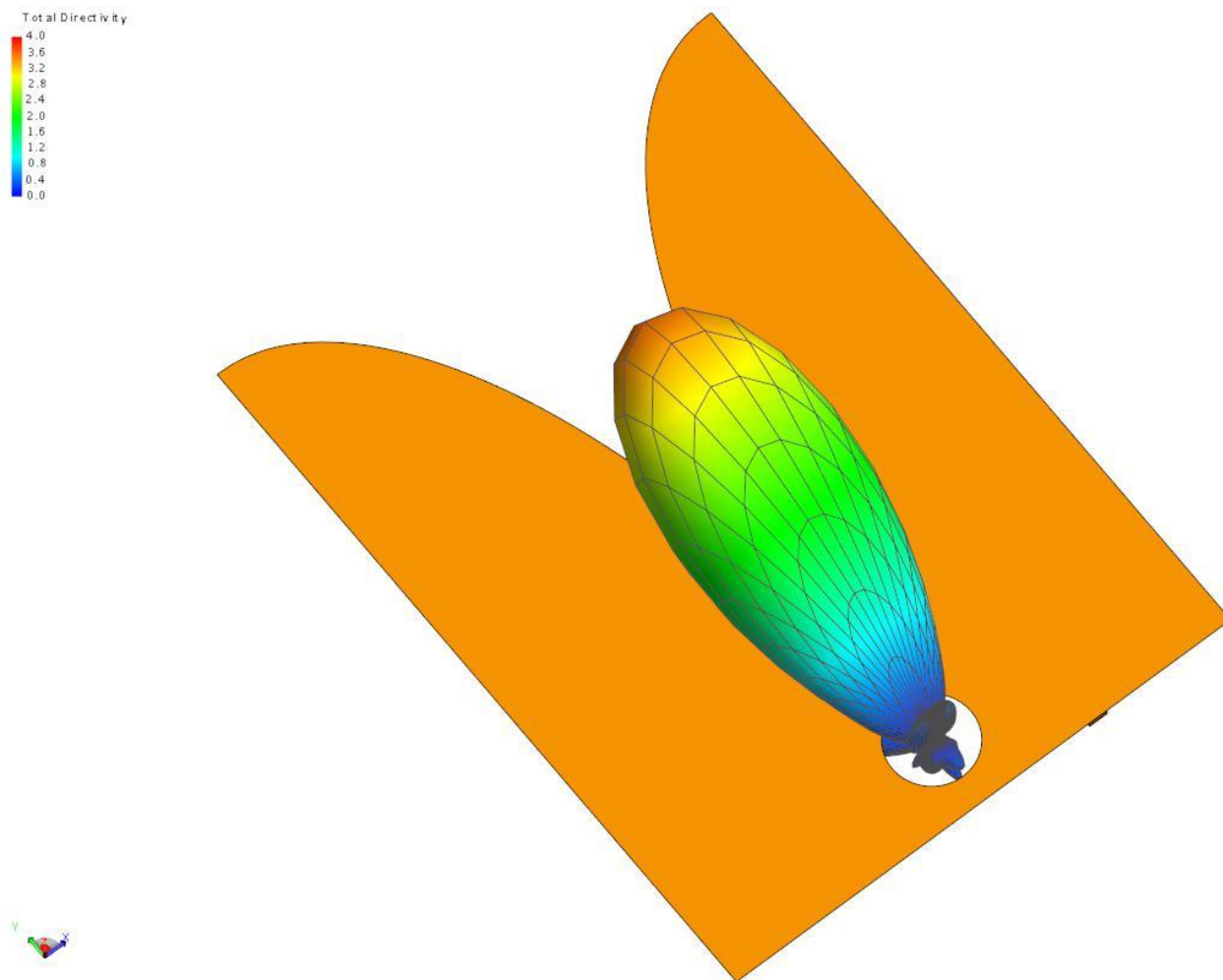
Radiation pattern

The following picture shows Radiation pattern in 3D at a frequency of 1 GHz.



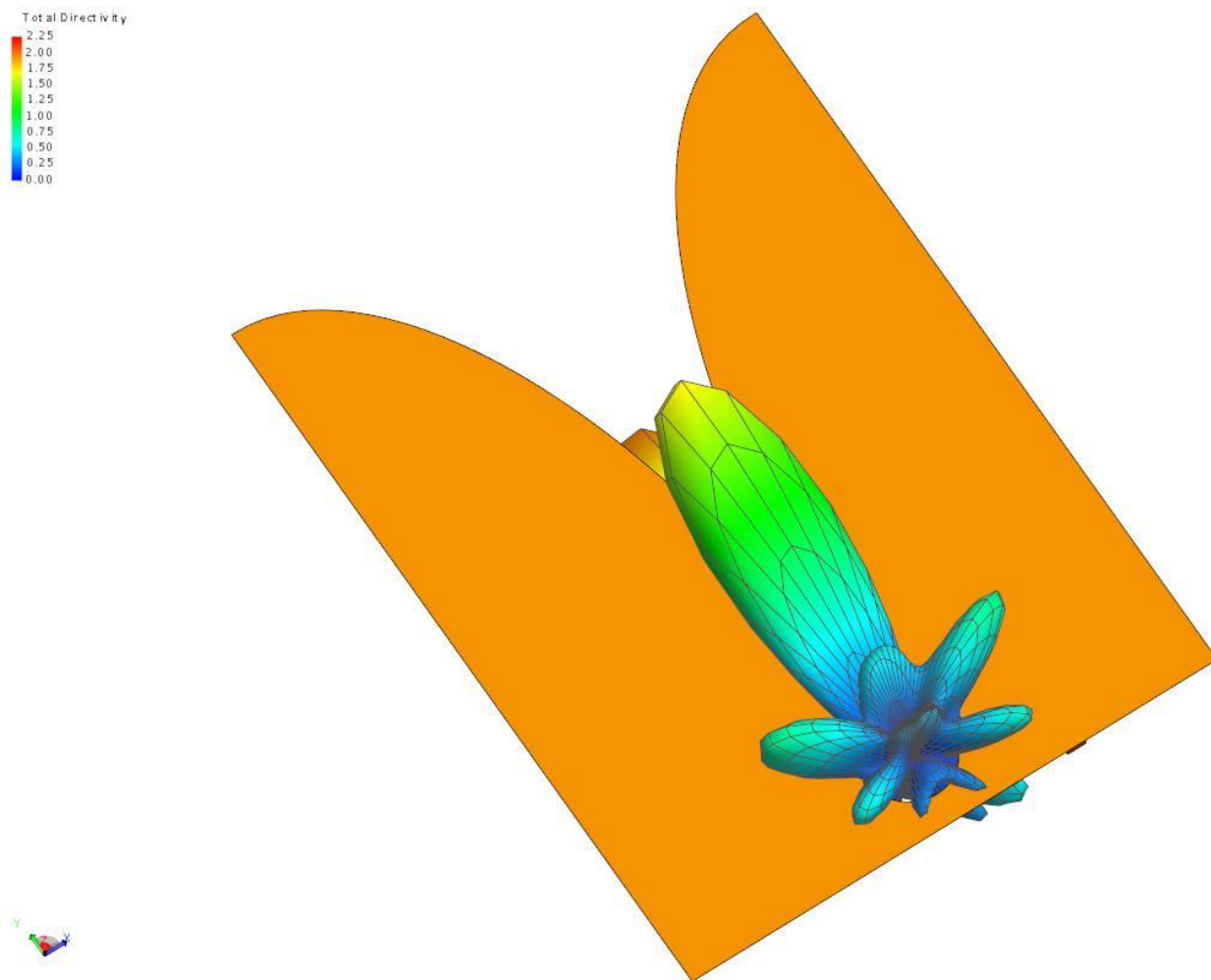
Radiation pattern

The following picture shows Radiation pattern in 3D at a frequency of 2 GHz.



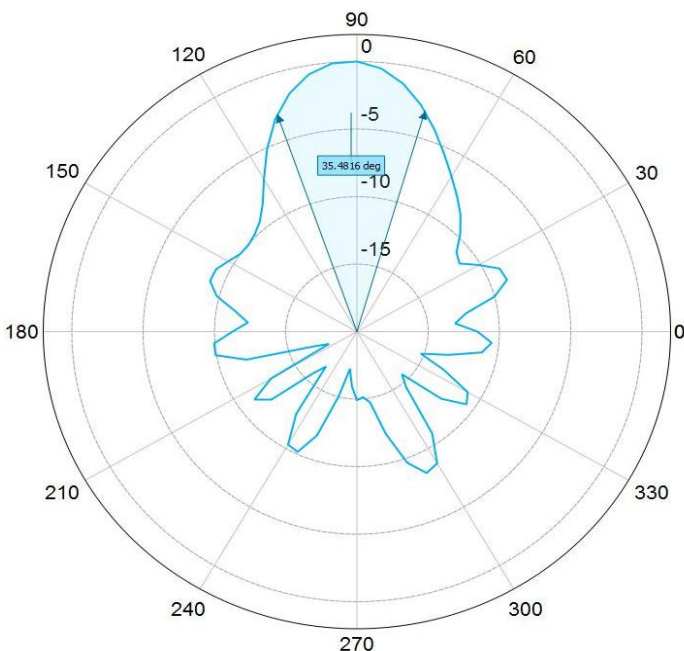
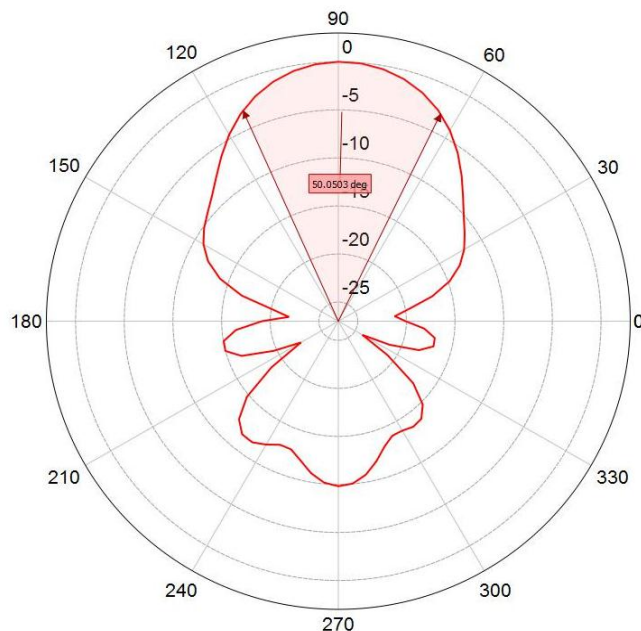
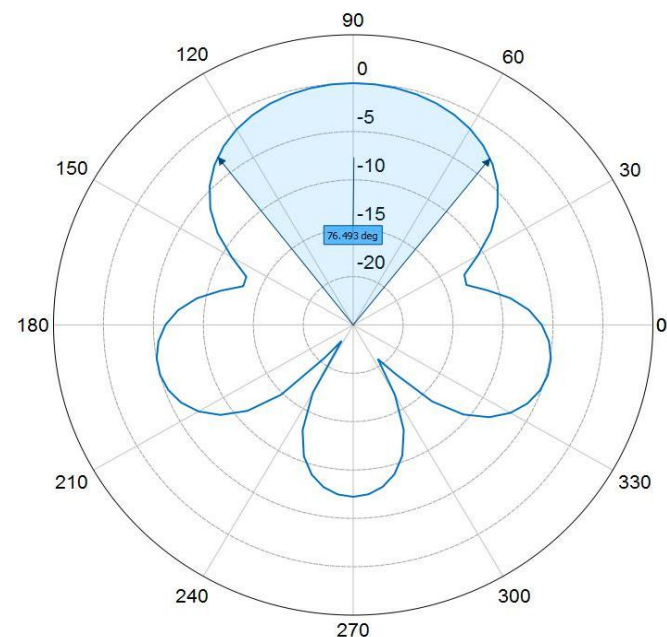
Radiation pattern

The following picture shows Radiation pattern in 3D at a frequency of 3 GHz.



Radiation pattern

The following picture shows normalized radiation pattern in the horizontal plane in dB at frequencies of 1, 2, 3 GHz



History

Author: Gregory Seregin, «KBOR», Moscow

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Changes: -