RH187-15

15 dBi Gain, 3.94-5.99 GHz, WR187 Standard Gain Horn with UDR48 Flange

Rev 1

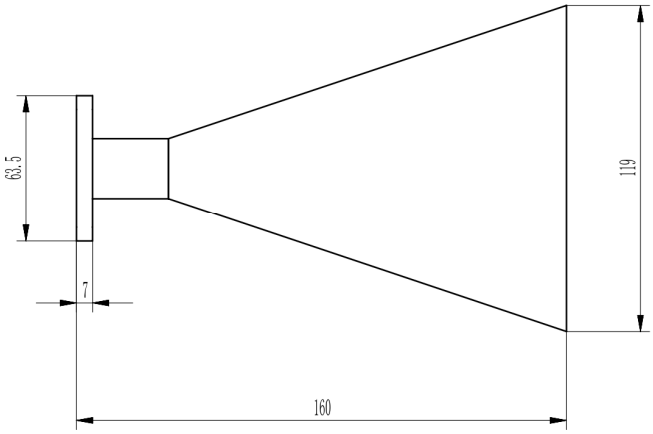
Electrical

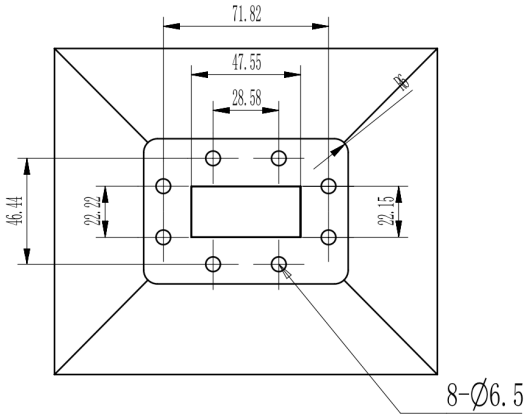
Frequency Range	3.94-5.99 GHz
Norminal Gain	15 dBi
Polarization	Linear
VSWR	1.2 max
Operating Temperature	-40℃~+70℃

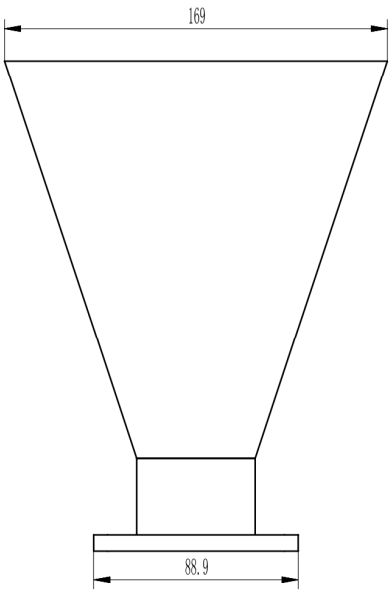
Mechanical

Waveguide Size	WR187
Flange Type	UDR48 Rectangular Cover Flange
Body Material and Finish	Aluminum, Painted

Dimensions(mm)

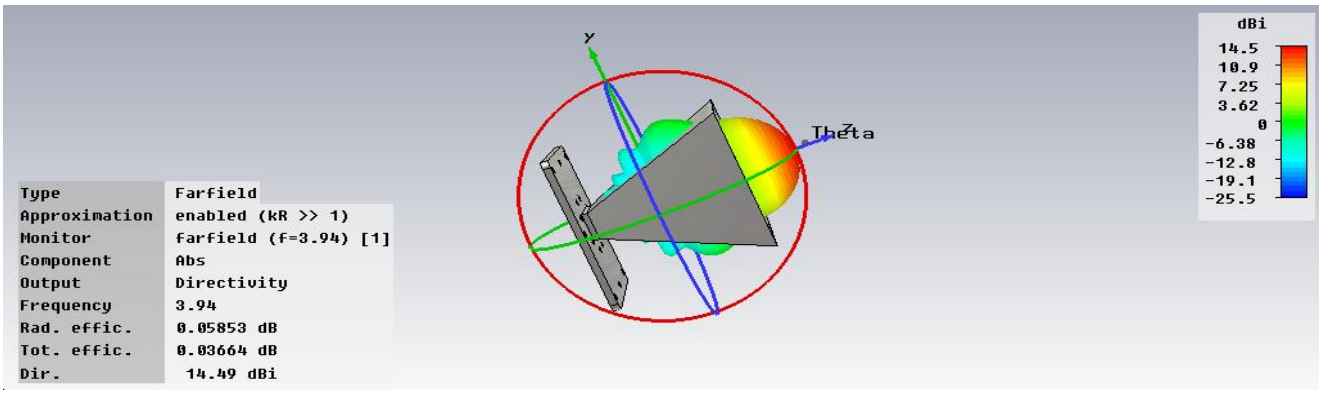




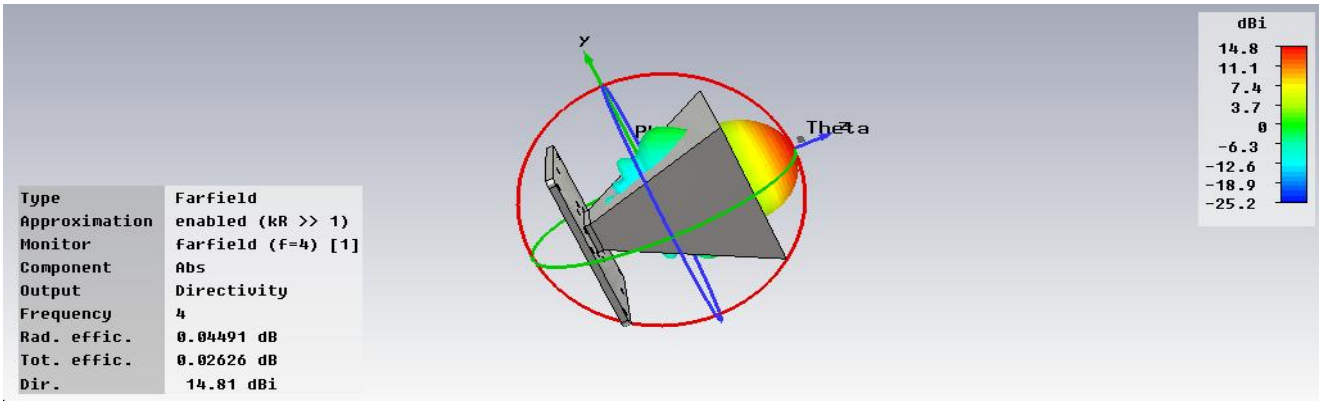


Gain

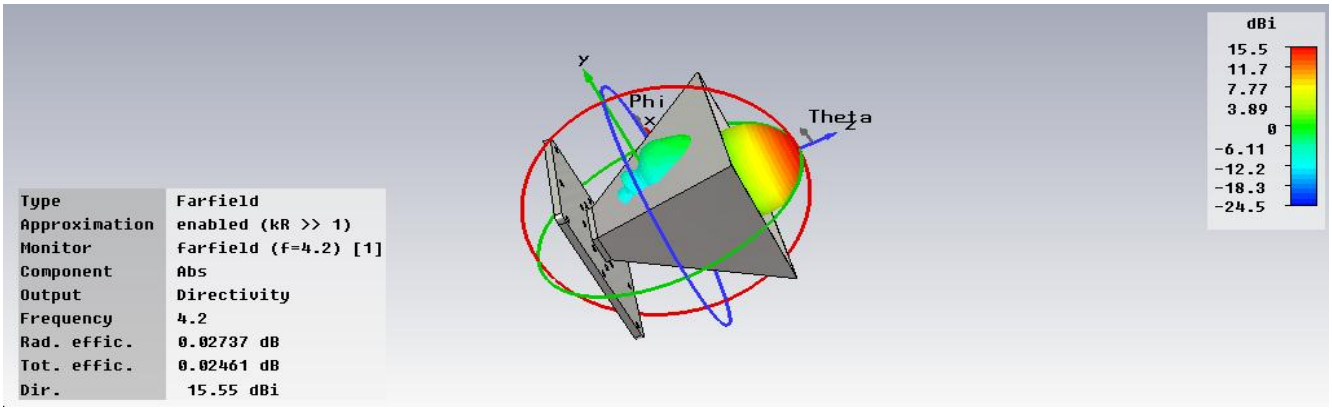
3.94GHz



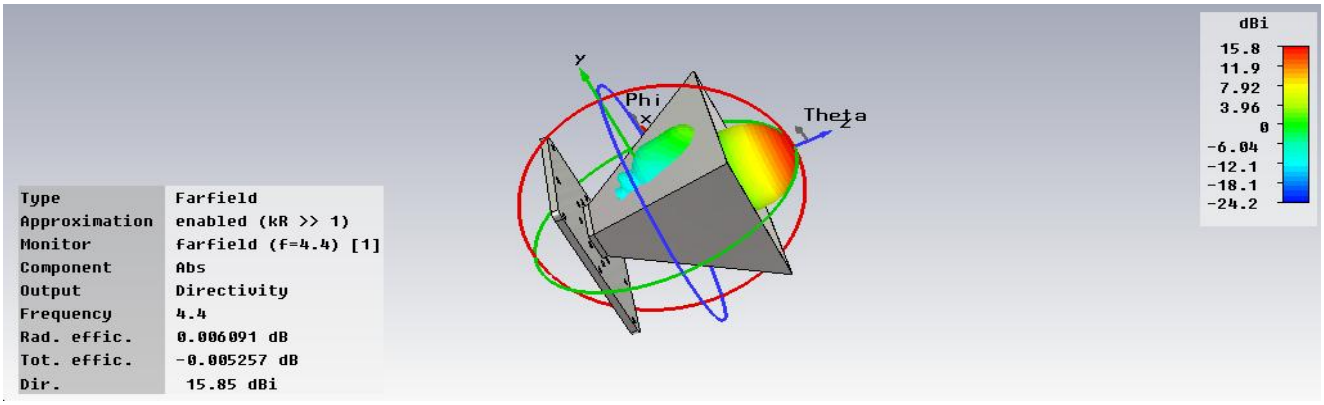
4GHz



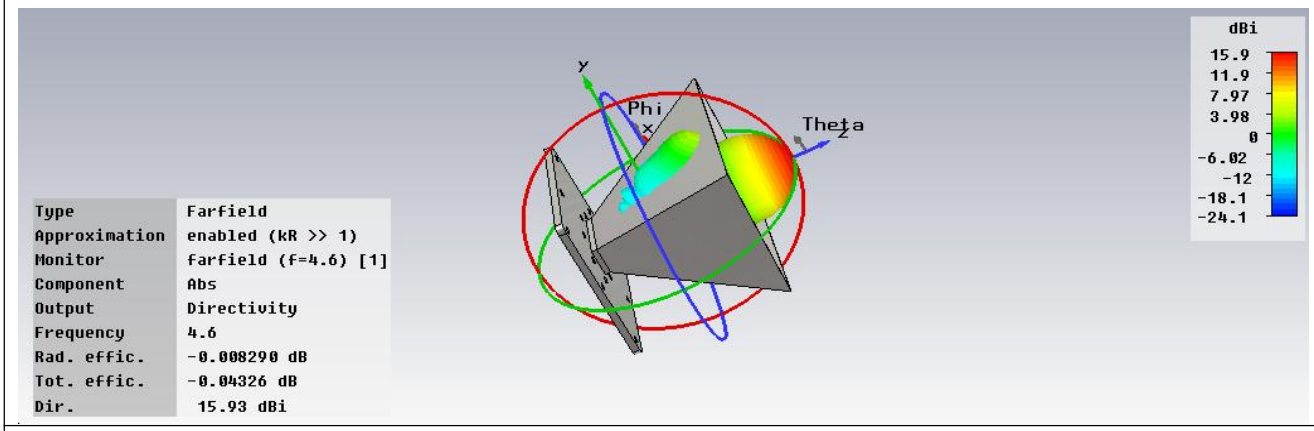
4.2GHz



4.4GHz

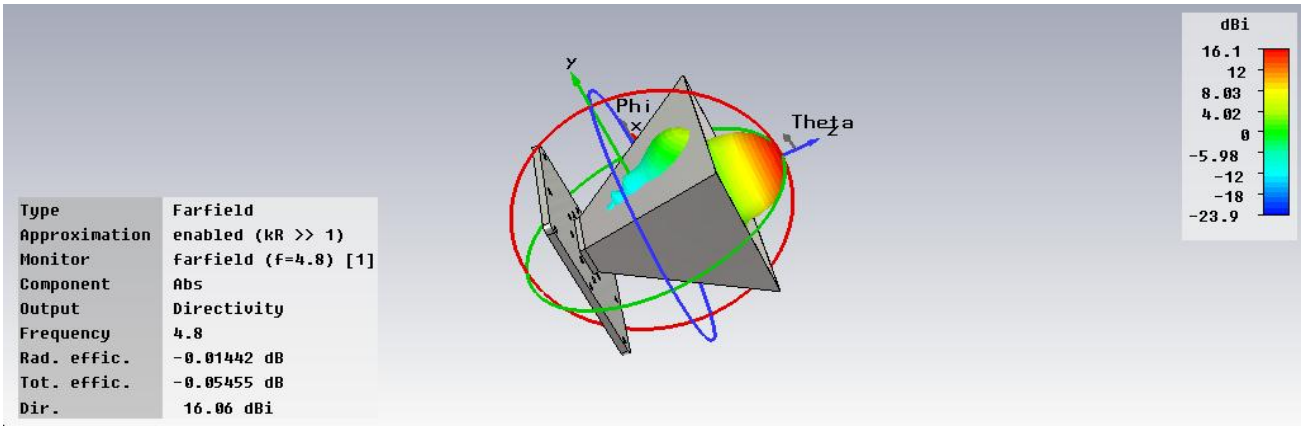


4.6GHz



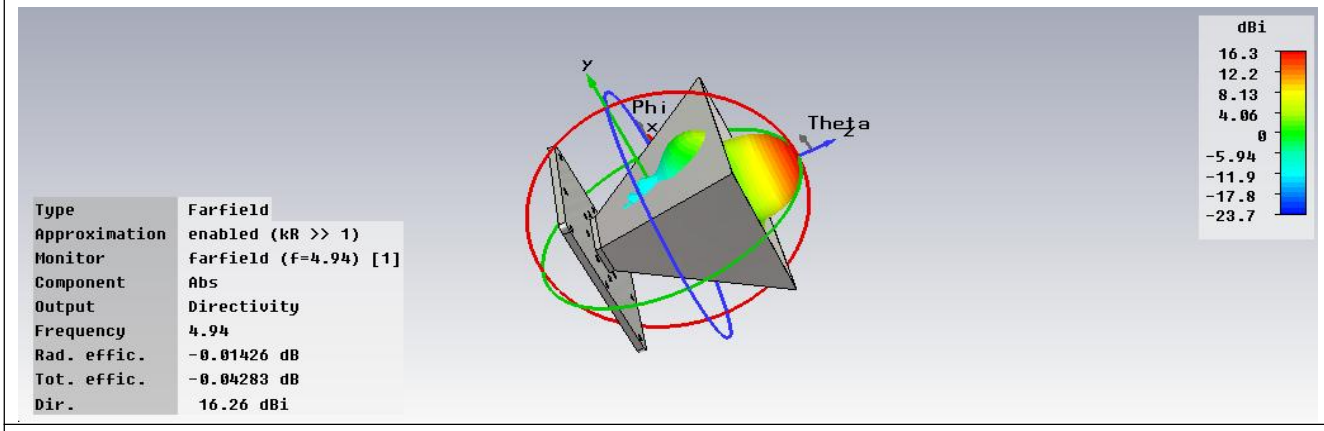
Type	Farfield
Approximation	enabled (kR >> 1)
Monitor	farfield (f=4.6) [1]
Component	Abs
Output	Directivity
Frequency	4.6
Rad. effic.	-0.008290 dB
Tot. effic.	-0.04326 dB
Dir.	15.93 dBi

4.8GHz



Type	Farfield
Approximation	enabled (kR >> 1)
Monitor	farfield (f=4.8) [1]
Component	Abs
Output	Directivity
Frequency	4.8
Rad. effic.	-0.01442 dB
Tot. effic.	-0.05455 dB
Dir.	16.06 dBi

4.94GHz



Type	Farfield
Approximation	enabled (kR >> 1)
Monitor	farfield (f=4.94) [1]
Component	Abs
Output	Directivity
Frequency	4.94
Rad. effic.	-0.01426 dB
Tot. effic.	-0.04283 dB
Dir.	16.26 dBi

