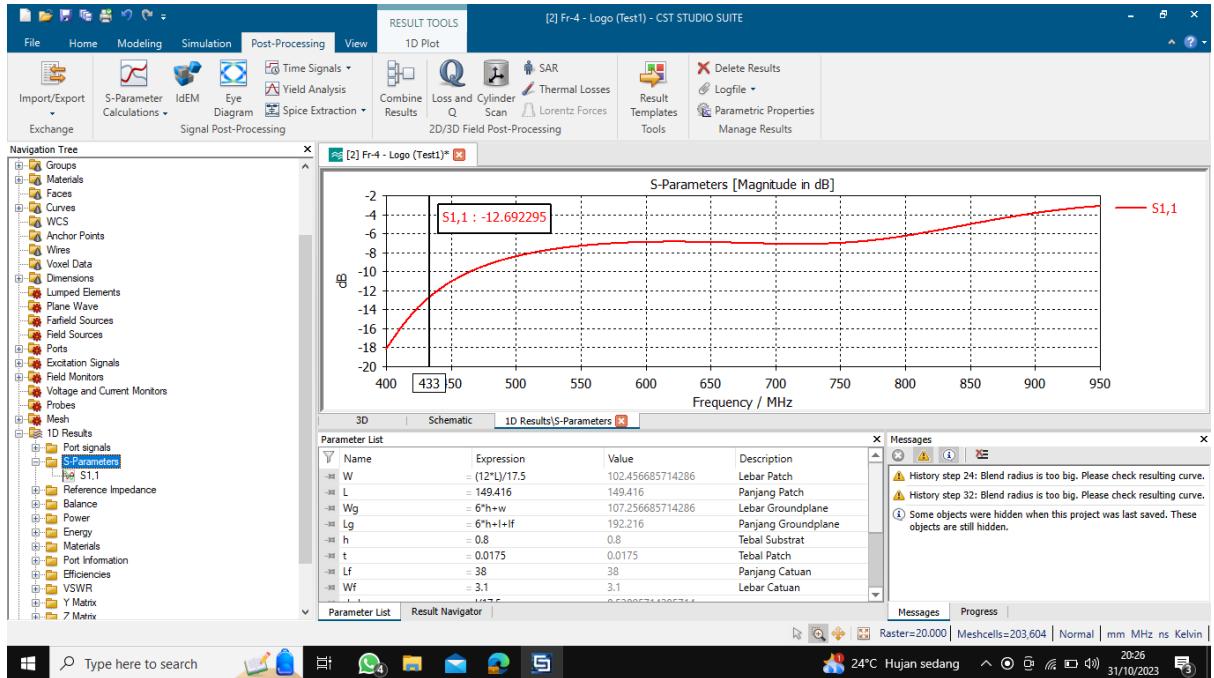


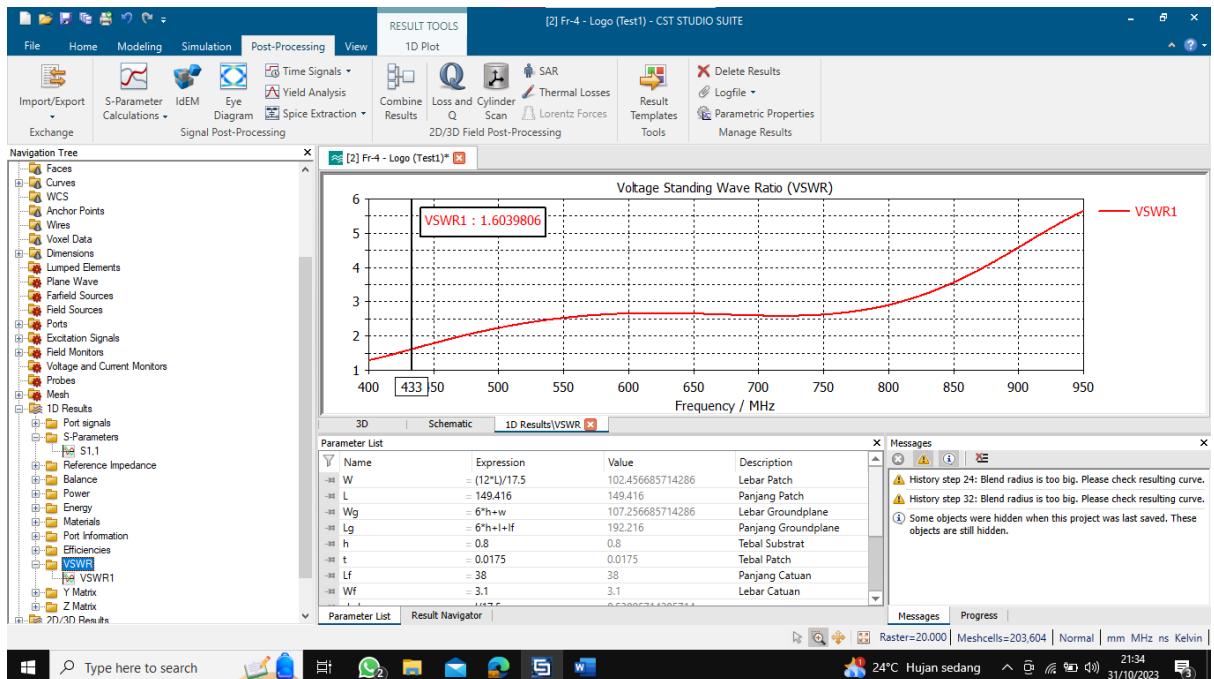
# SIMULASI PERCOBAAN ANTENA

## 1. Frekuensi: 400 MHz – 950 MHz (Scale = 2) [Nama File: [2] Fr-4 - Logo (Test1)]

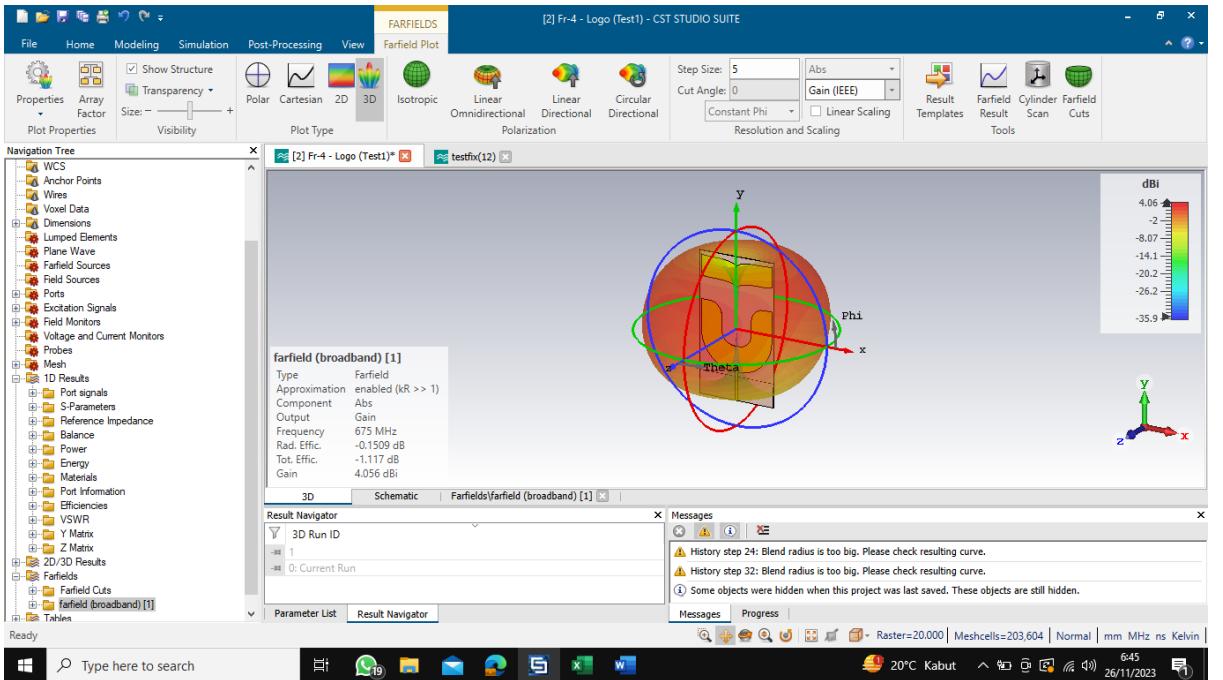
- Return Loss = -12,692295 dB



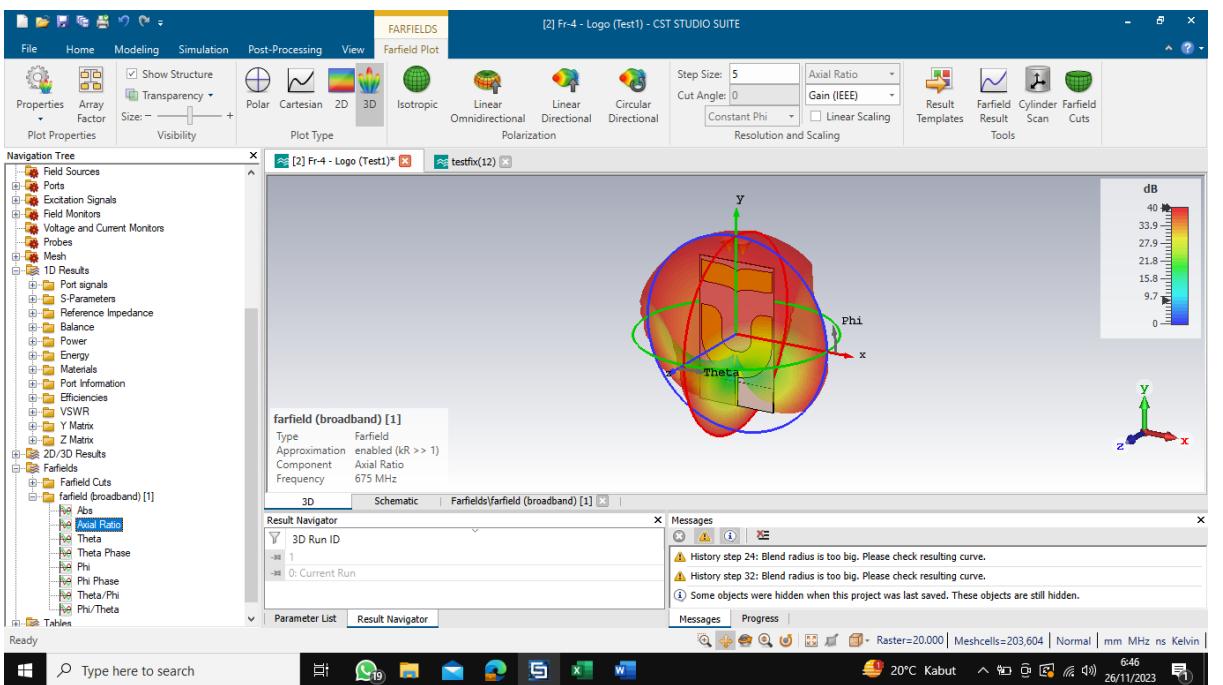
- VSWR = 1,6039806



- Bandwidth = -
- Pola Radiasi, Gain = 4,056 dBi (cek rad.effic untuk tahu efisiensi nilai yg bagus, semakin mendekati 0 semakin bagus)

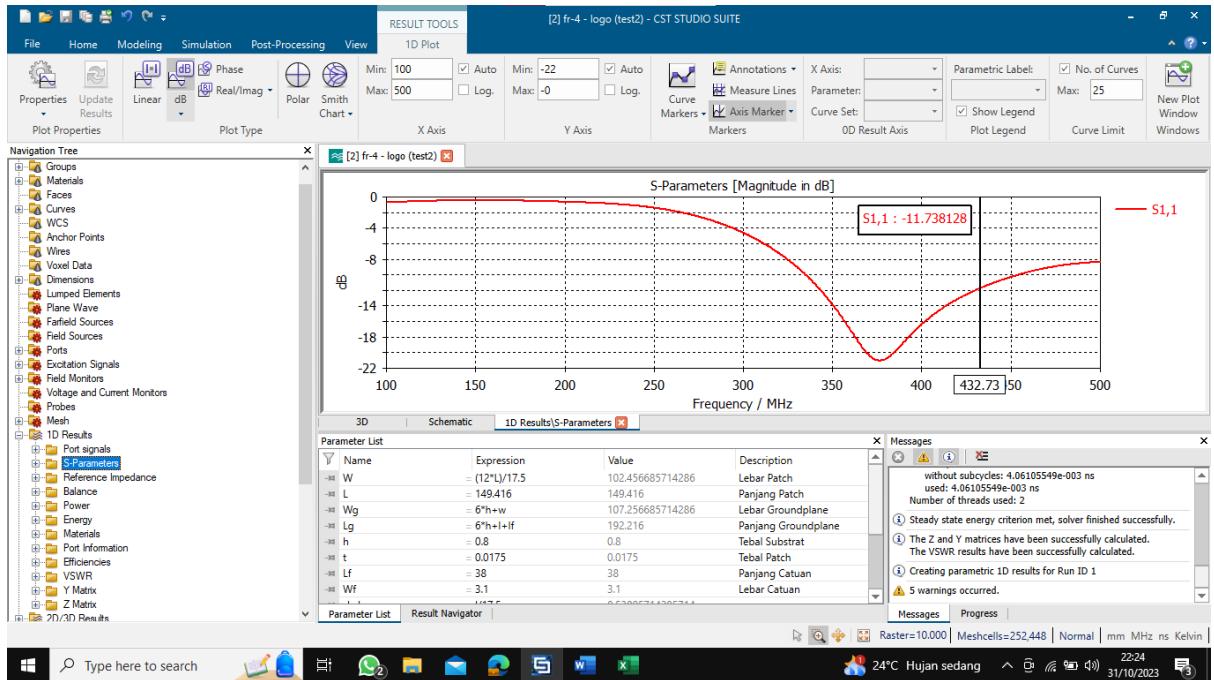


- Axial Ratio

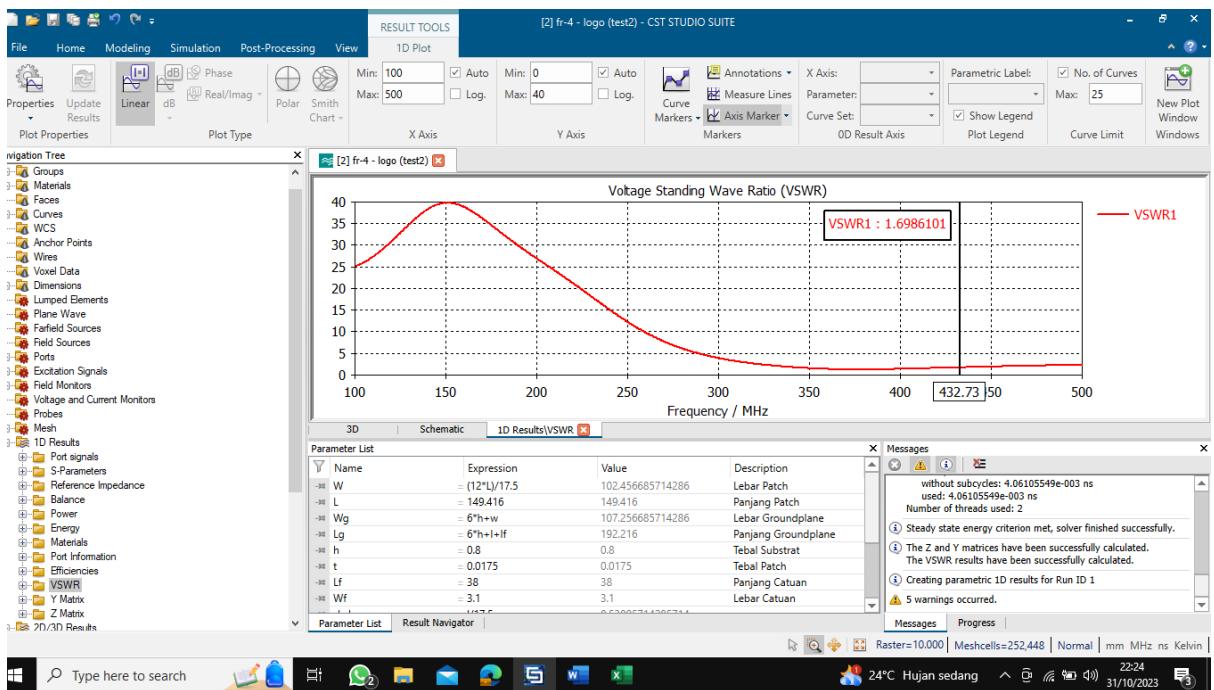


## 2. Frekuensi: 100 MHz – 500 MHz (Scale = 2) [Nama File: [2] fr-4 - logo (test3)]

- Return Loss

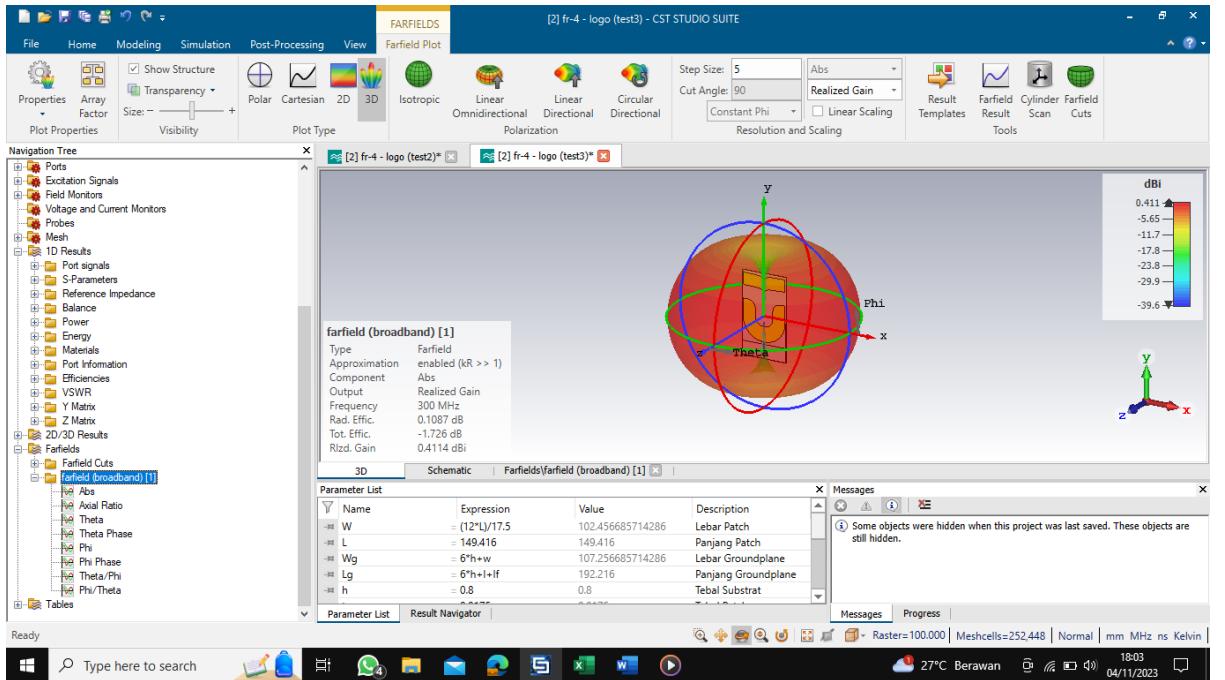


- VSWR

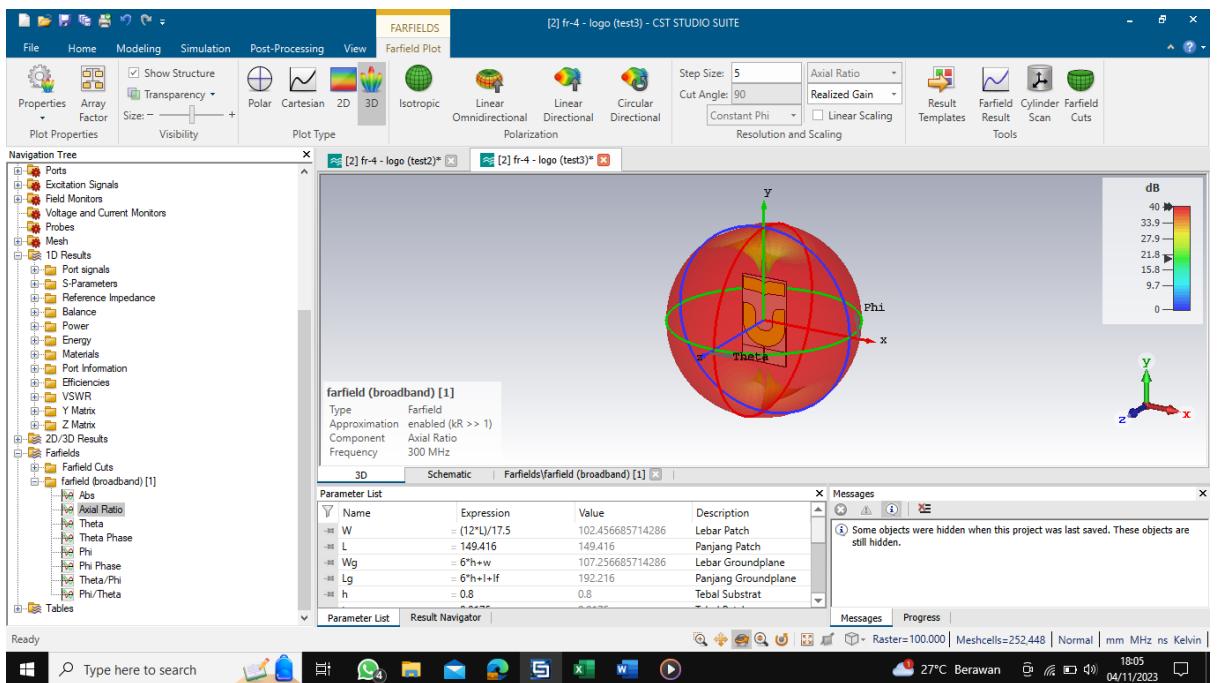


- Bandwidth = -

- Pola Radiasi, Gain = 0,4114 dBi (cek rad.effic untuk tahu efisiensi nilai yg bagus, semakin mendekati 0 semakin bagus)

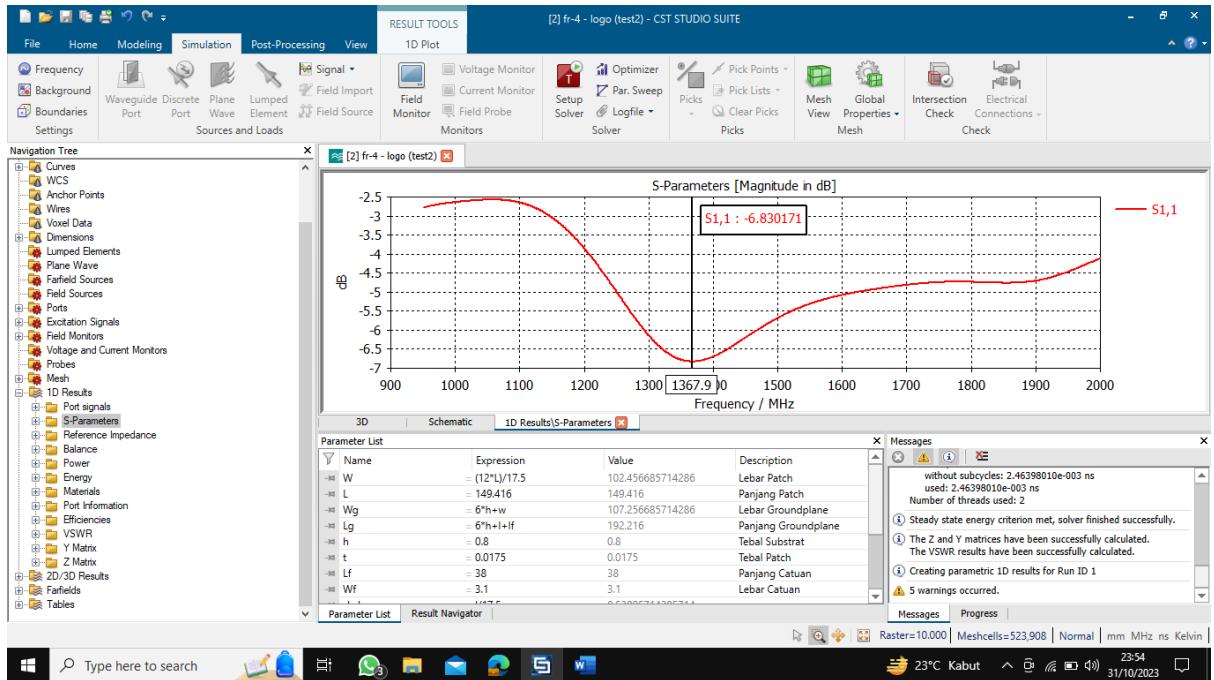


- Axial Ratio

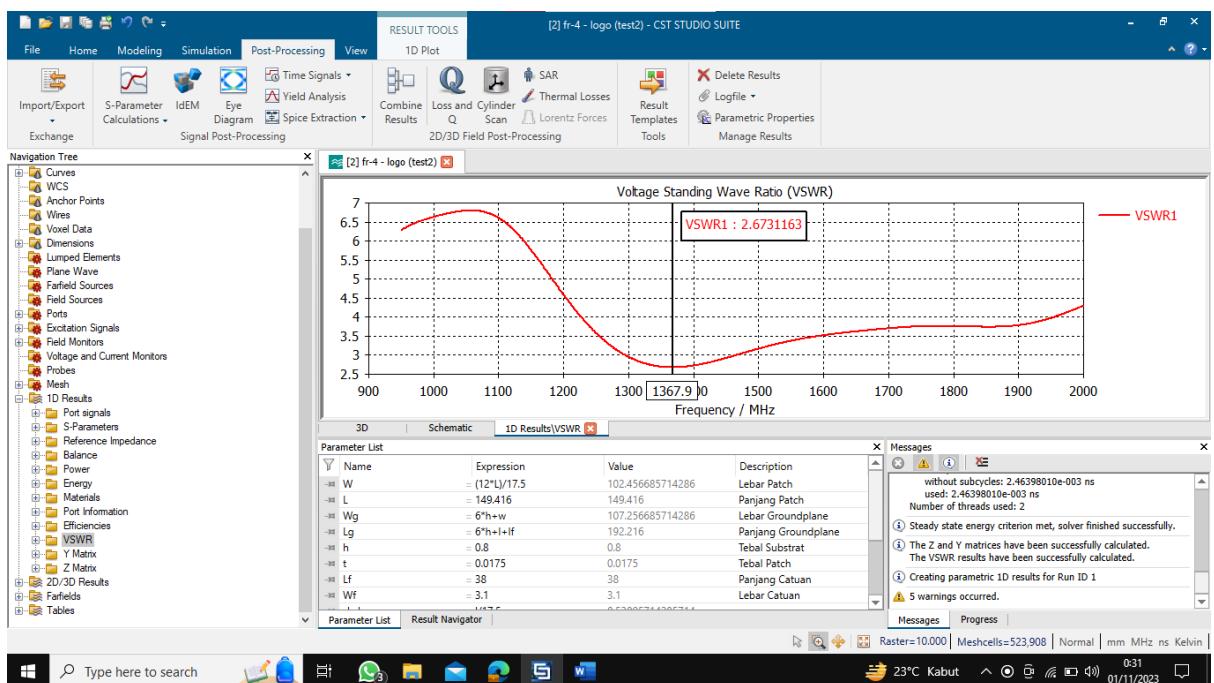


### 3. Frekuensi: 950 MHz – 2 GHz (Scale = 2) [Nama File: [2] fr-4 - logo (test4)]

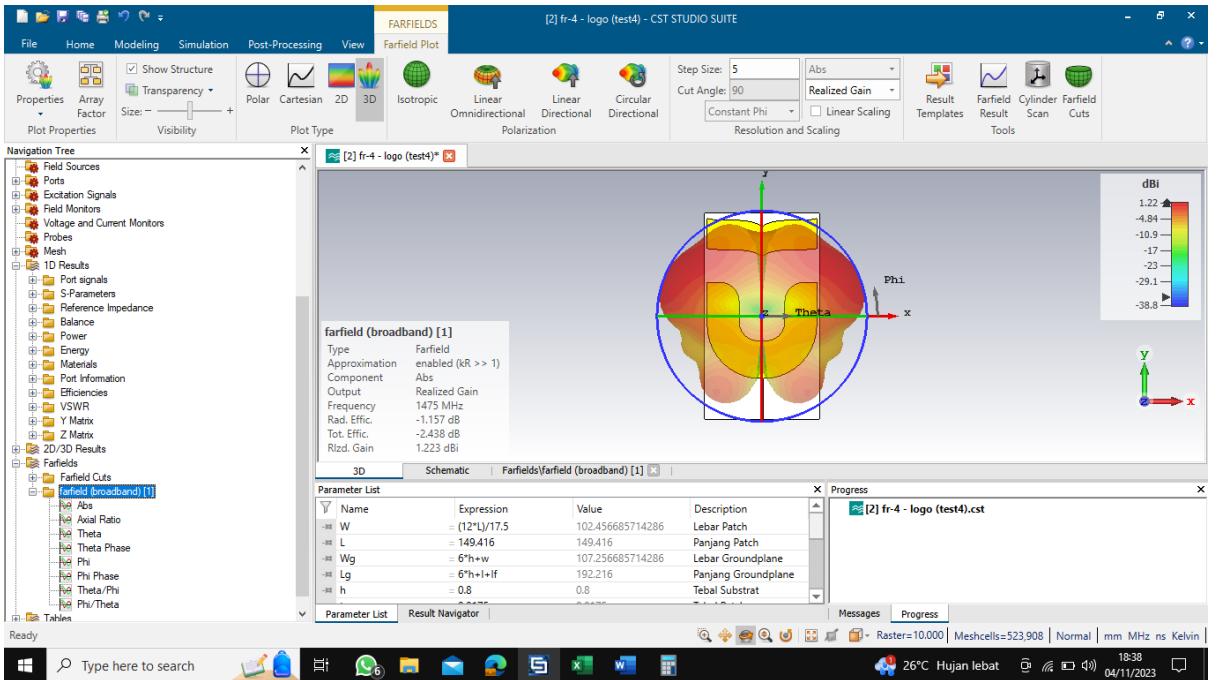
- Return Loss



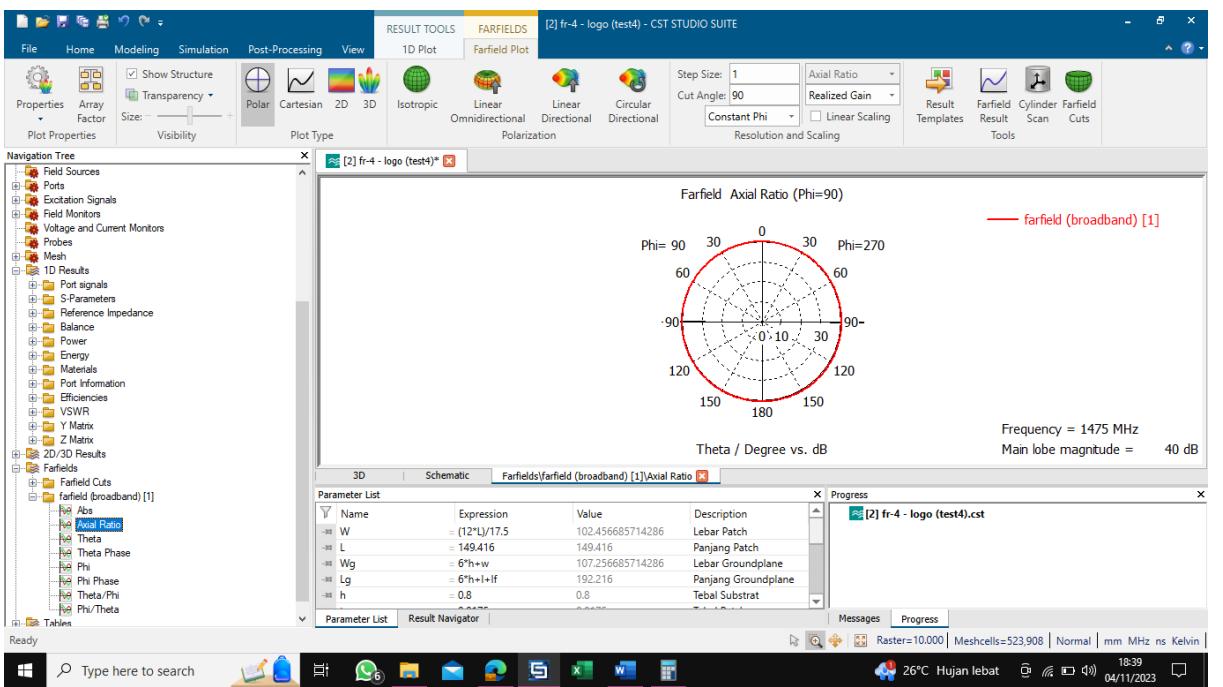
- VSWR



- Bandwidth = -
- Pola Radiasi, Gain = 1,223 dBi (cek rad.effic untuk tahu efisiensi nilai yg bagus, semakin mendekati 0 semakin bagus)

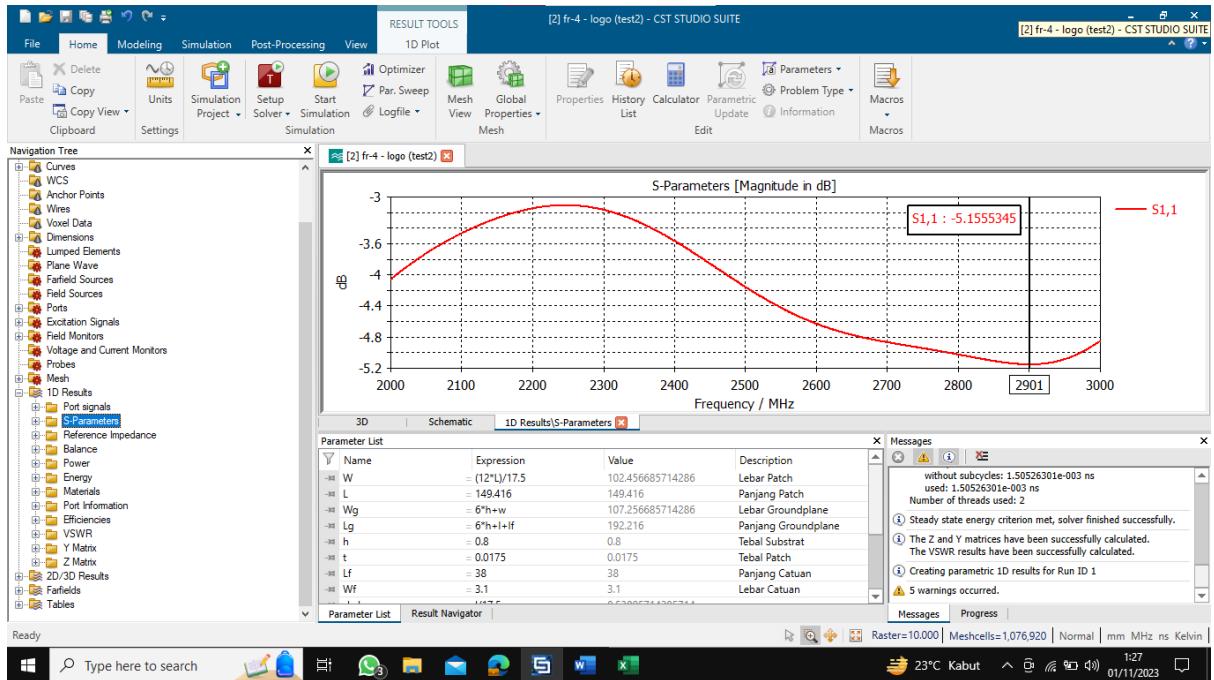


- Axial Ratio

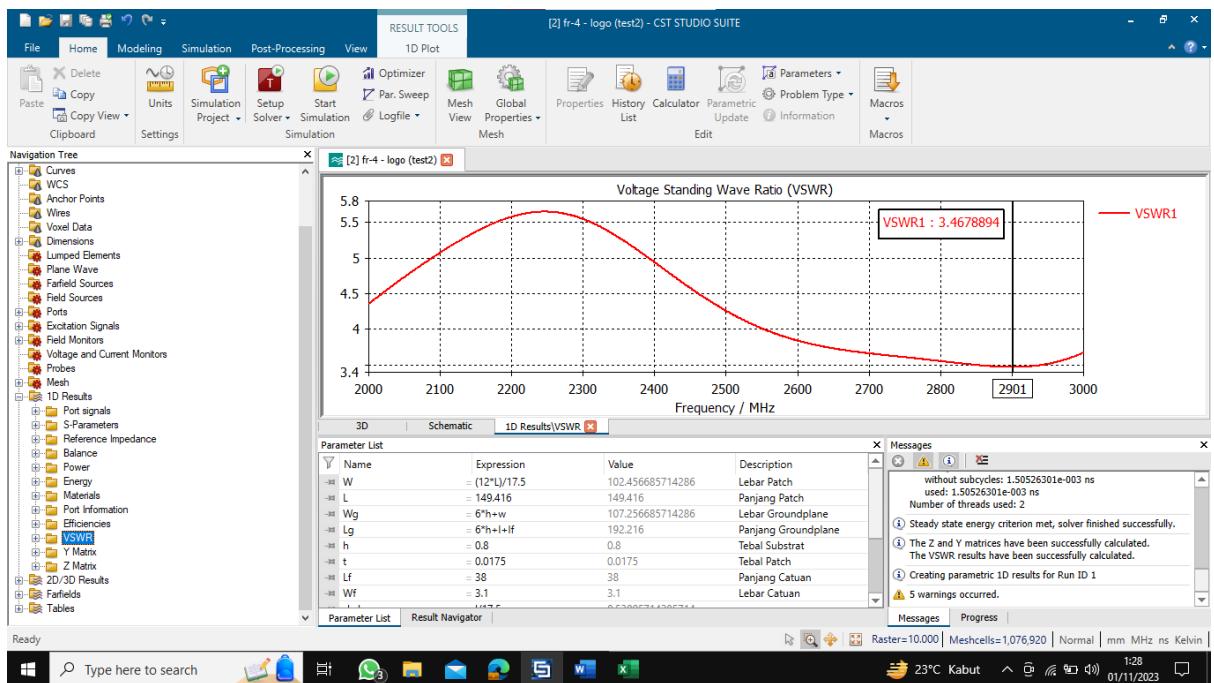


#### 4. Frekuensi: 2 GHz – 3 GHz (Scale = 2) [Nama File: [2] fr-4 - logo (test2)]

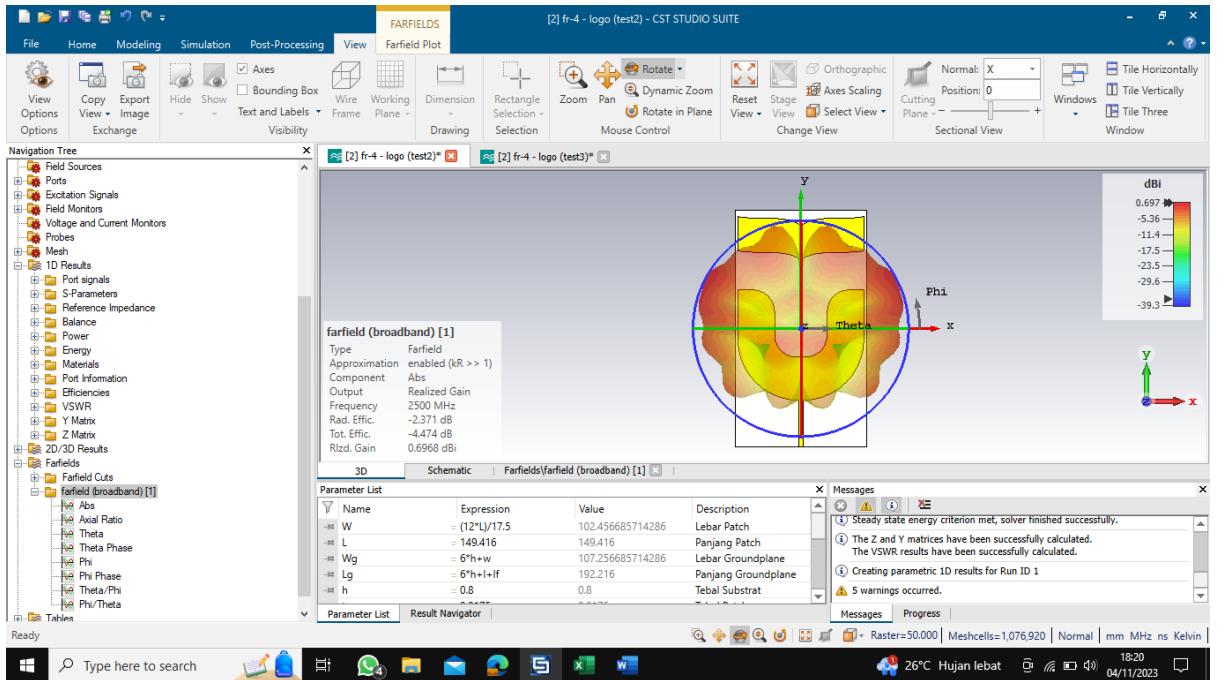
- Return Loss



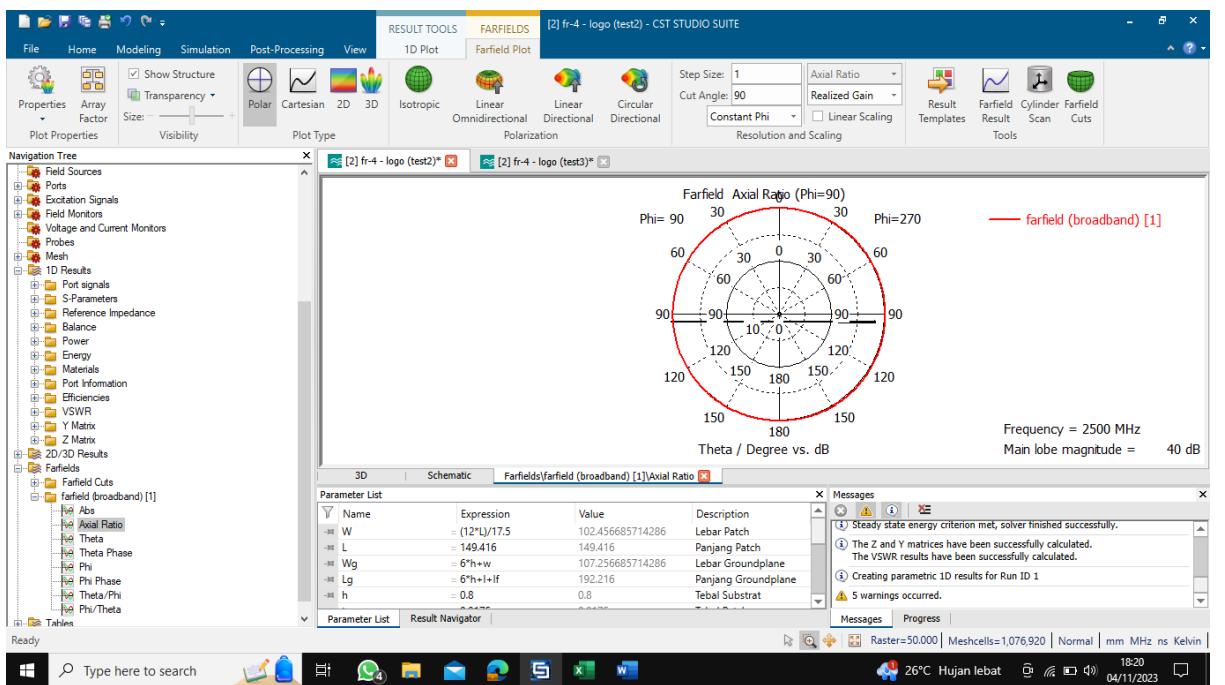
- VSWR



- Bandwidth = -
- Pola Radiasi, Gain = 0,6968 dBi (cek rad.effic untuk tahu efisiensi nilai yg bagus, semakin mendekati 0 semakin bagus)

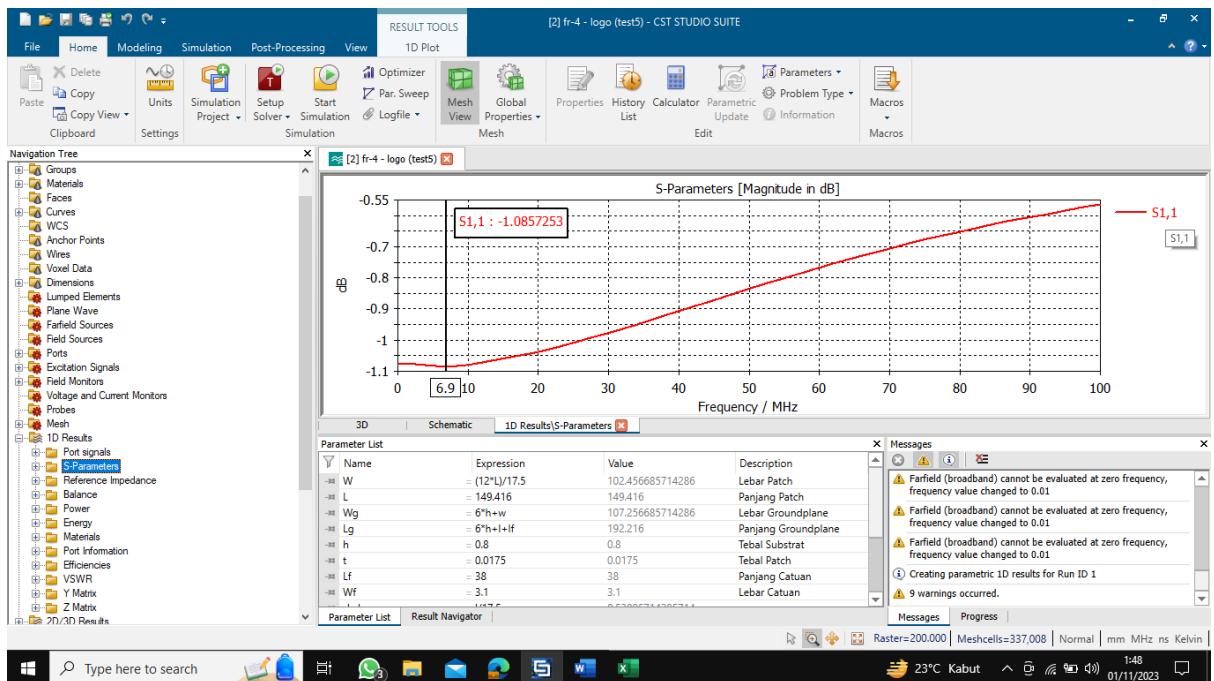


- Axial Ratio

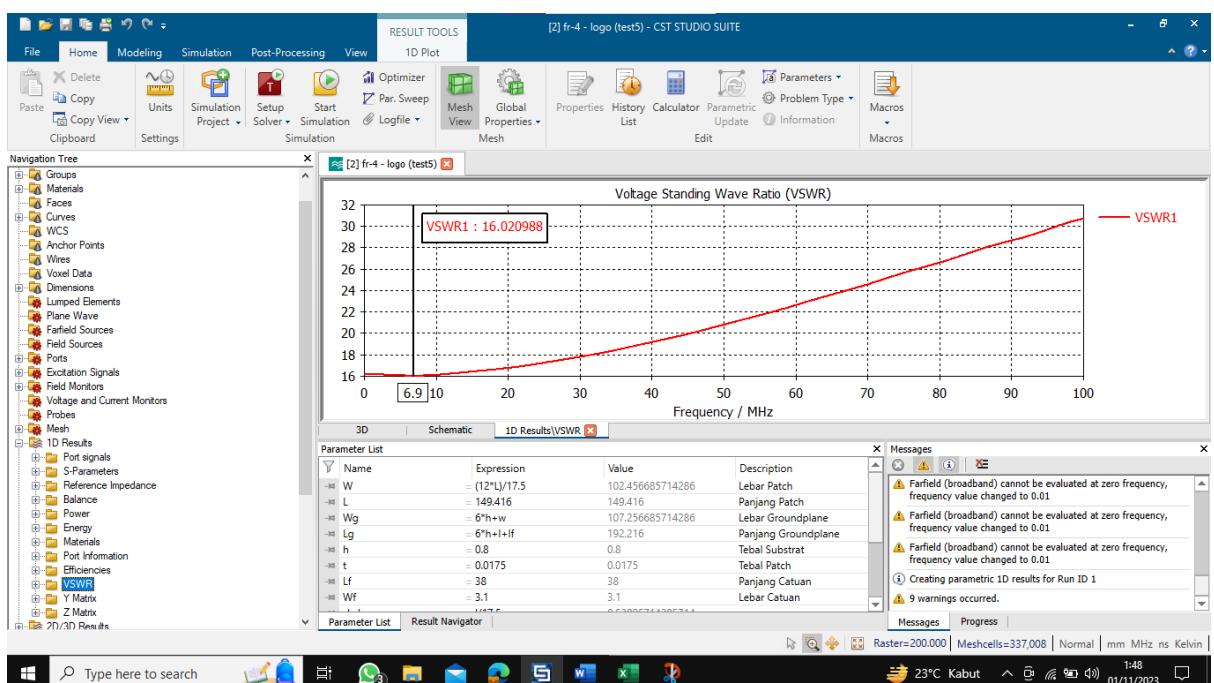


## 5. Frekuensi: 0 MHz – 100 MHz (Scale = 2) [Nama File: [2] fr-4 - logo (test5)]

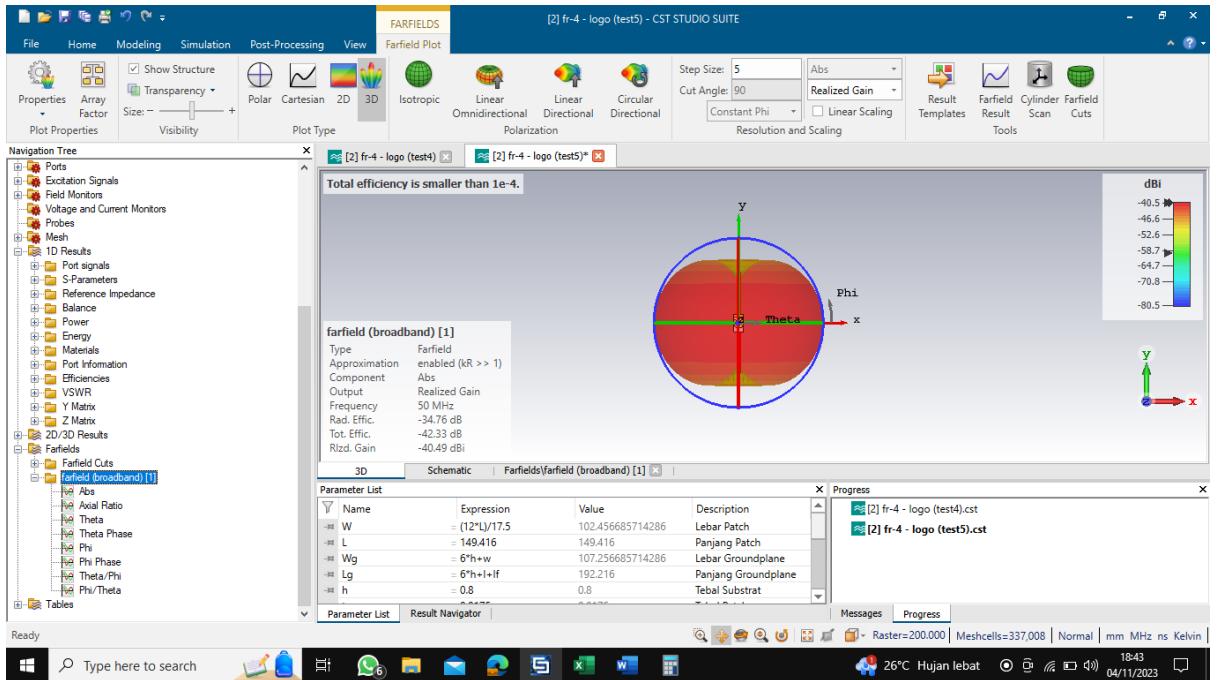
- Return Loss



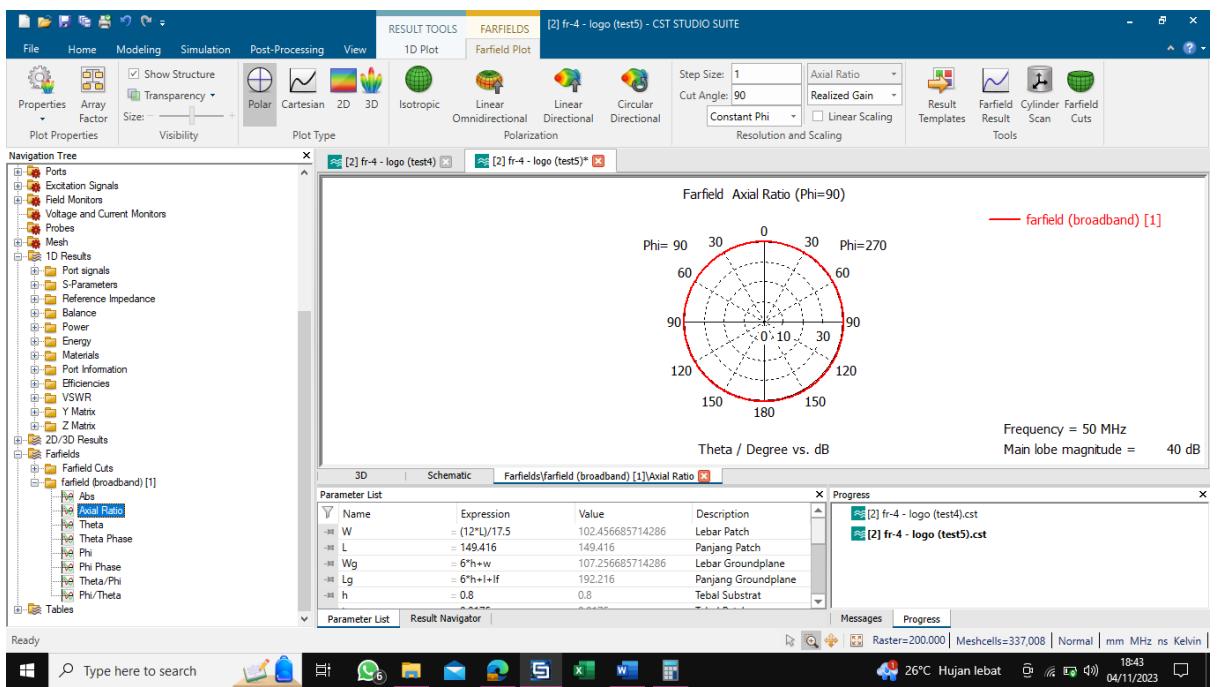
- VSWR



- Bandwidth = -
- Pola Radiasi, Gain = -40,49 dBi (cek rad.effic untuk tahu efisiensi nilai yg bagus, semakin mendekati 0 semakin bagus)

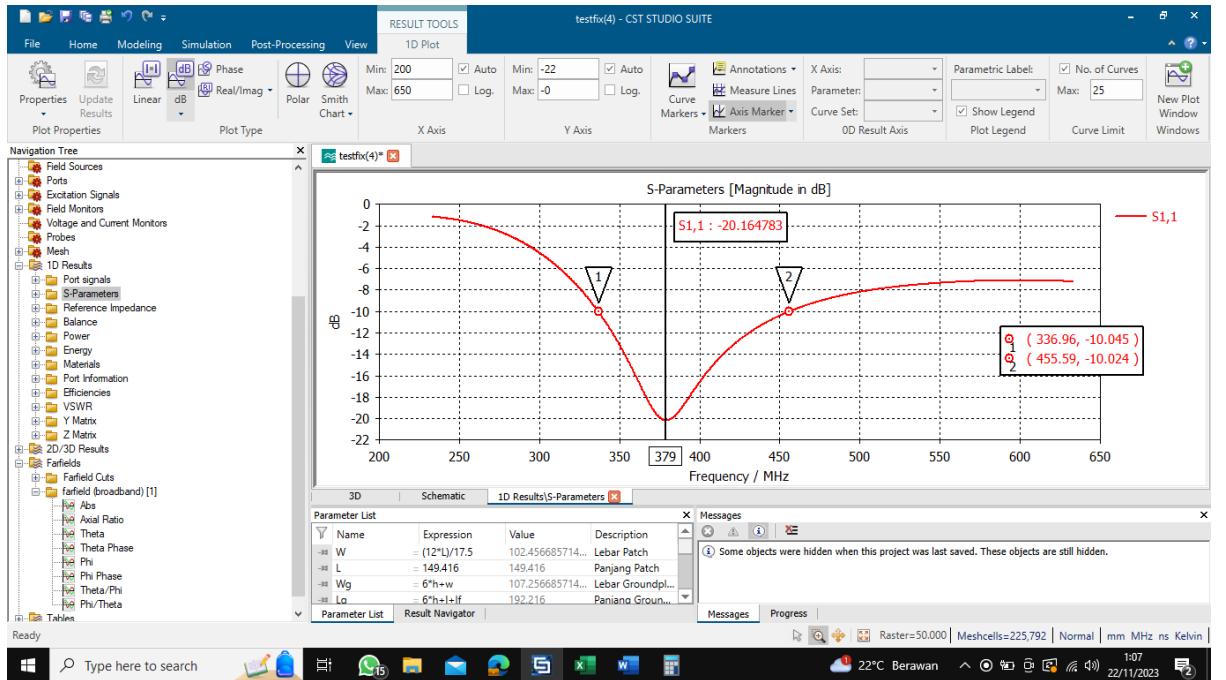


## - Axial Ratio

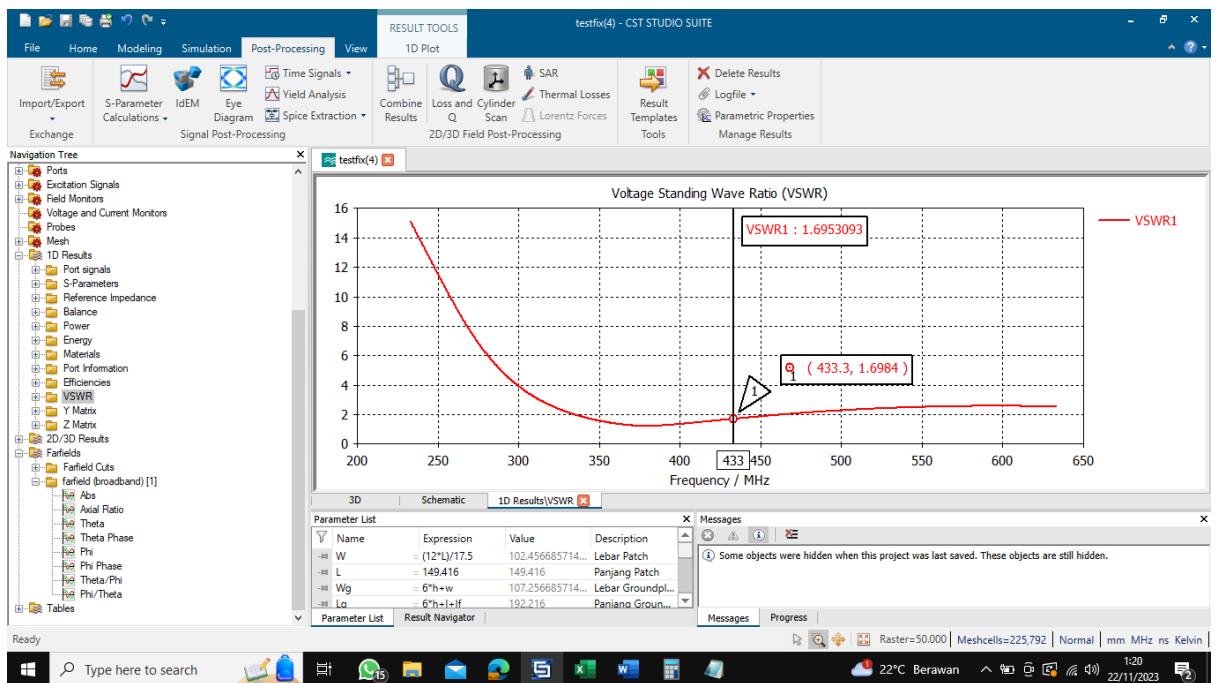


## 6. Frekuensi: 233 MHz – 633 MHz (Scale = 2); Titik Frekuensi = 379 MHz; [Nama File: testfix(4)]

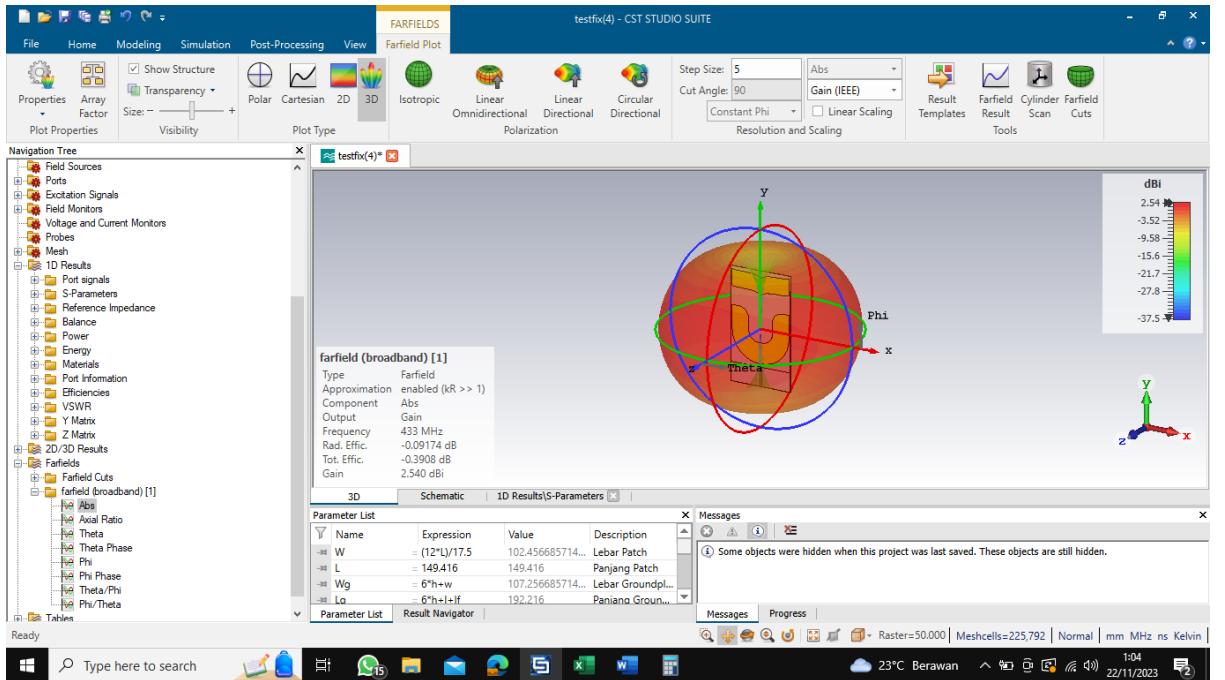
- Return Loss



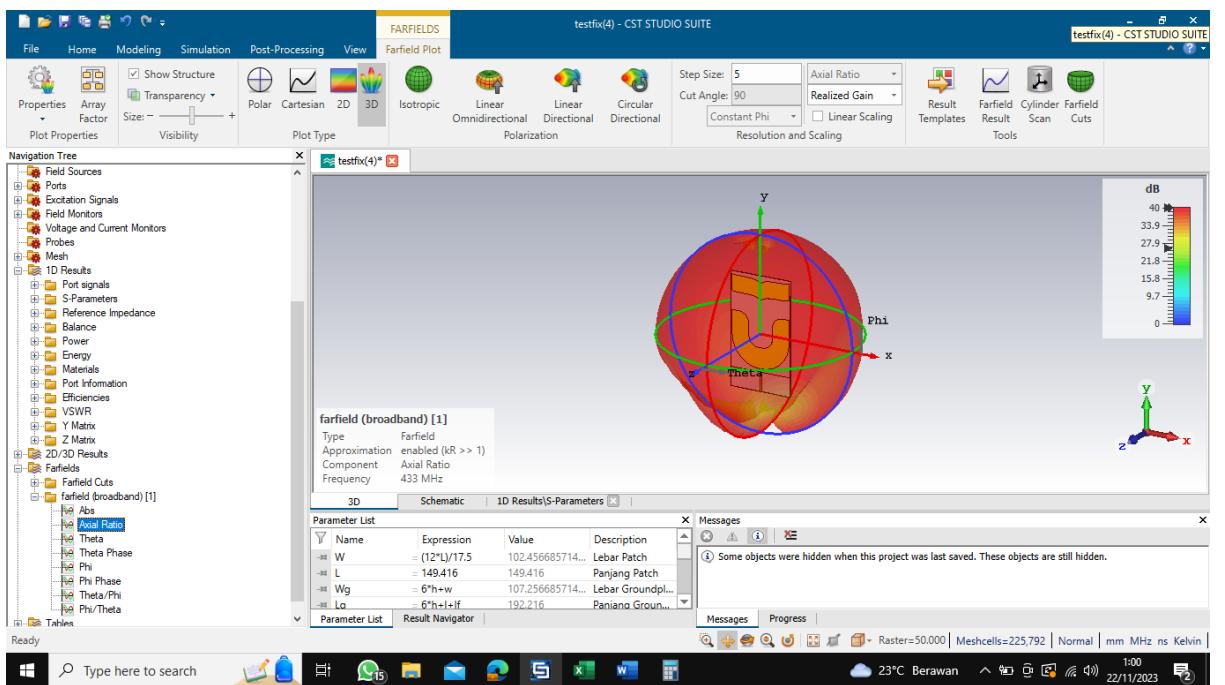
- VSWR



- Bandwidth = -
- Pola Radiasi, Gain = -0.009174 dB (cek rad.effic untuk tahu efisiensi nilai yg bagus, semakin mendekati 0 semakin bagus)

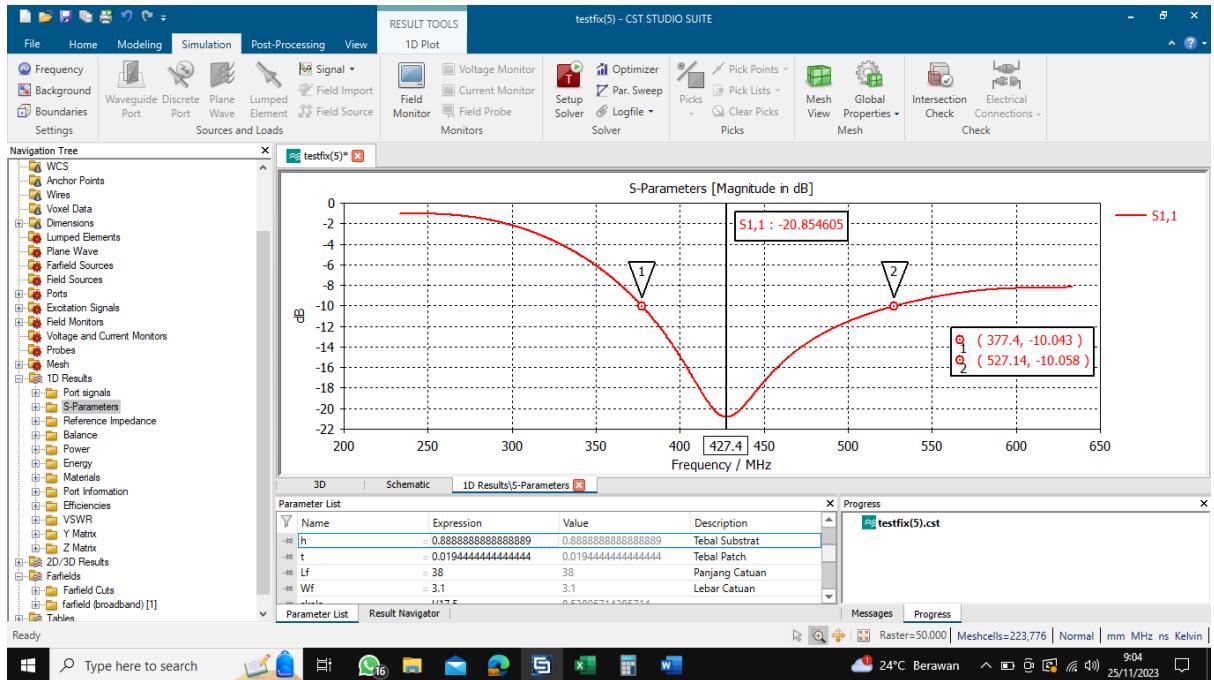


### - Axial Ratio

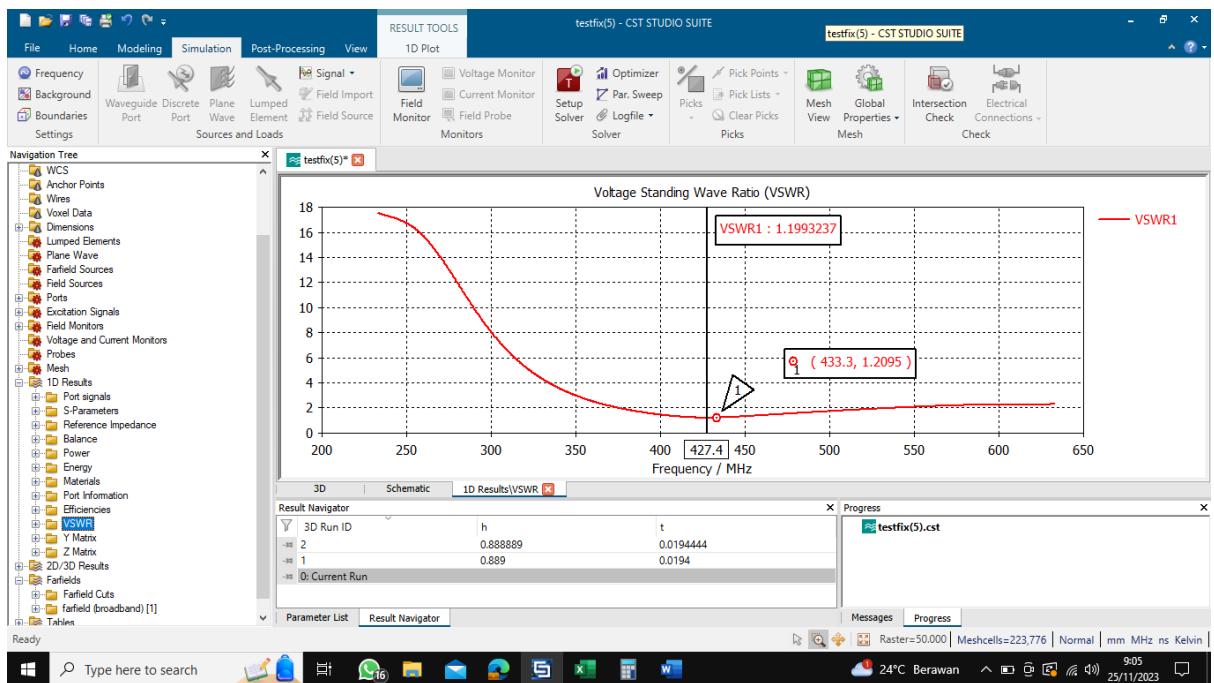


## 7. Frekuensi: 233 MHz – 633 MHz (Scale = 1,8); Titik Frekuensi: 427,4 MHz; [Nama File: testfix(5)]

- Return Loss

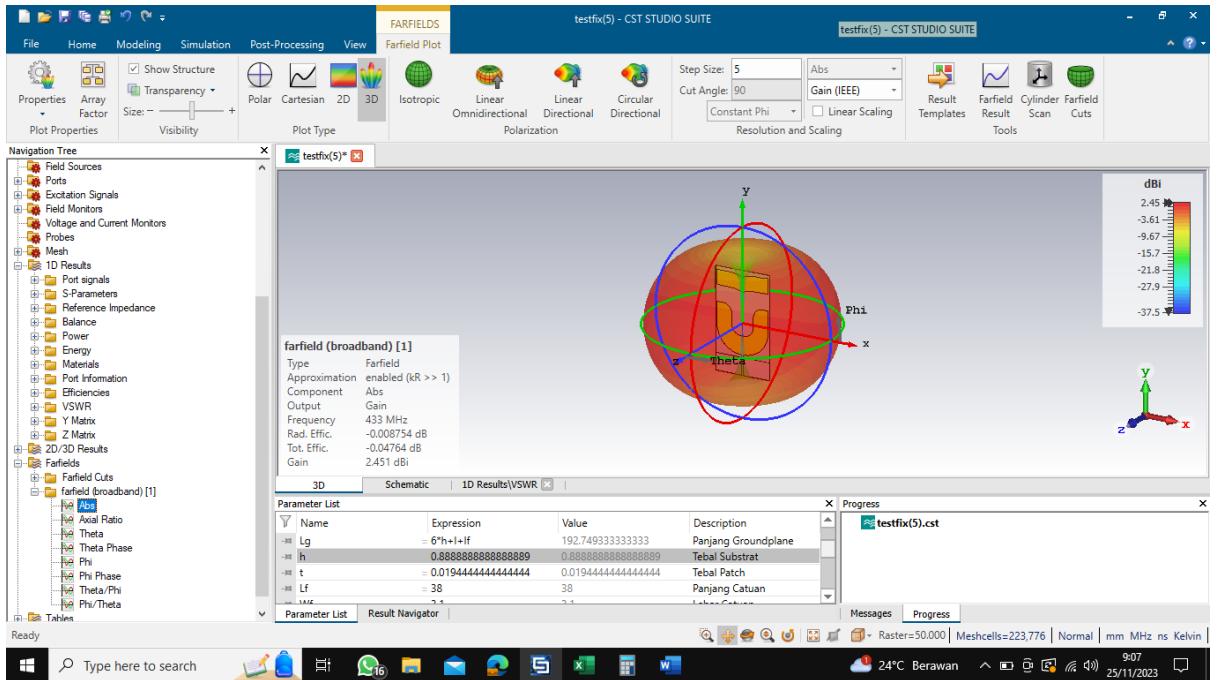


- VSWR = 1,1993237

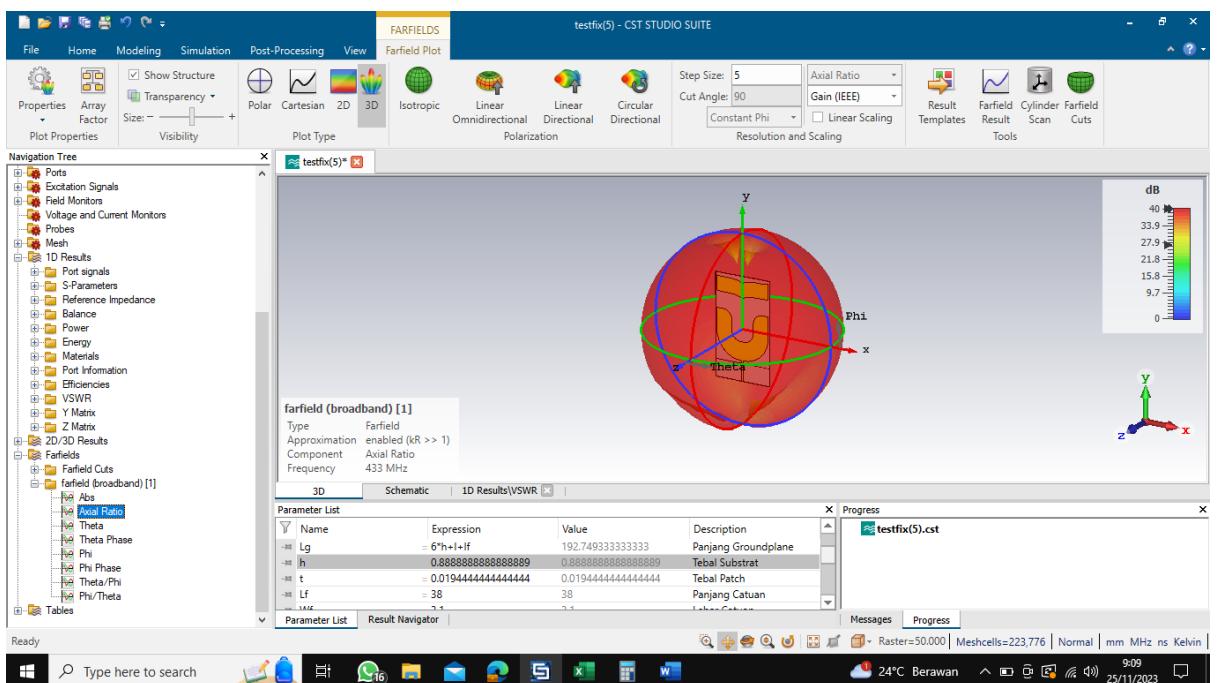


- Bandwidth = -

- Pola Radiasi, Gain = 2,451 dBi (cek rad.effic untuk tahu efisiensi nilai yg bagus, semakin mendekati 0 semakin bagus)

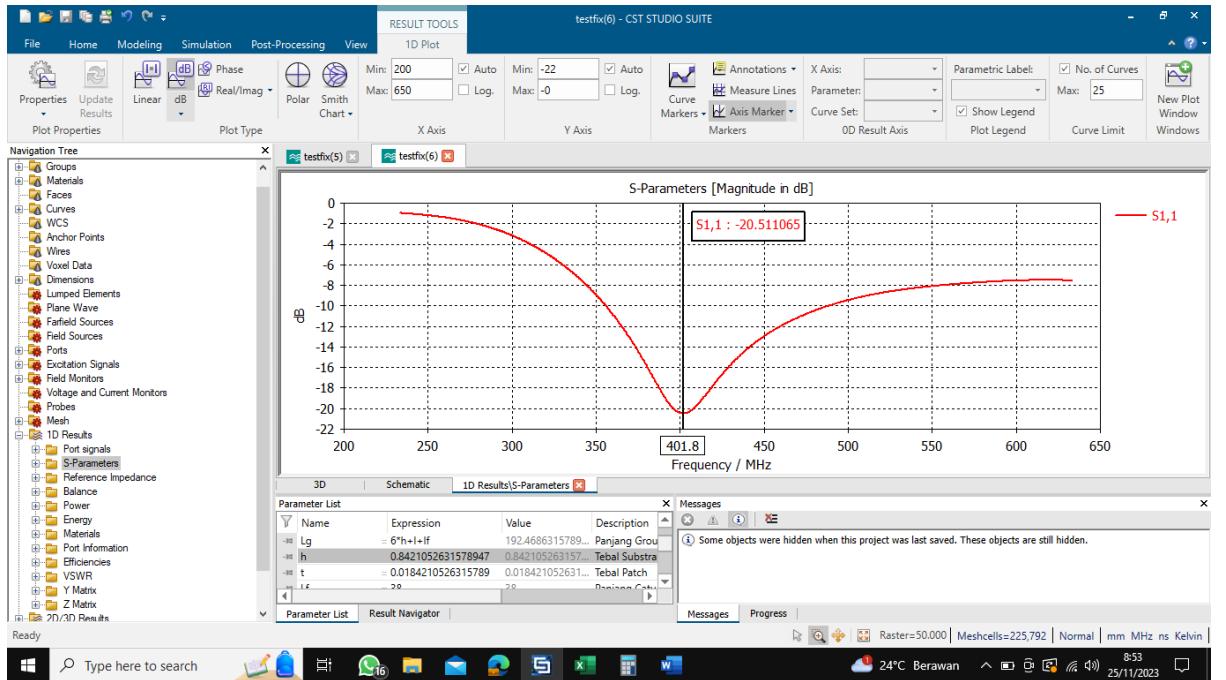


- Axial Ratio

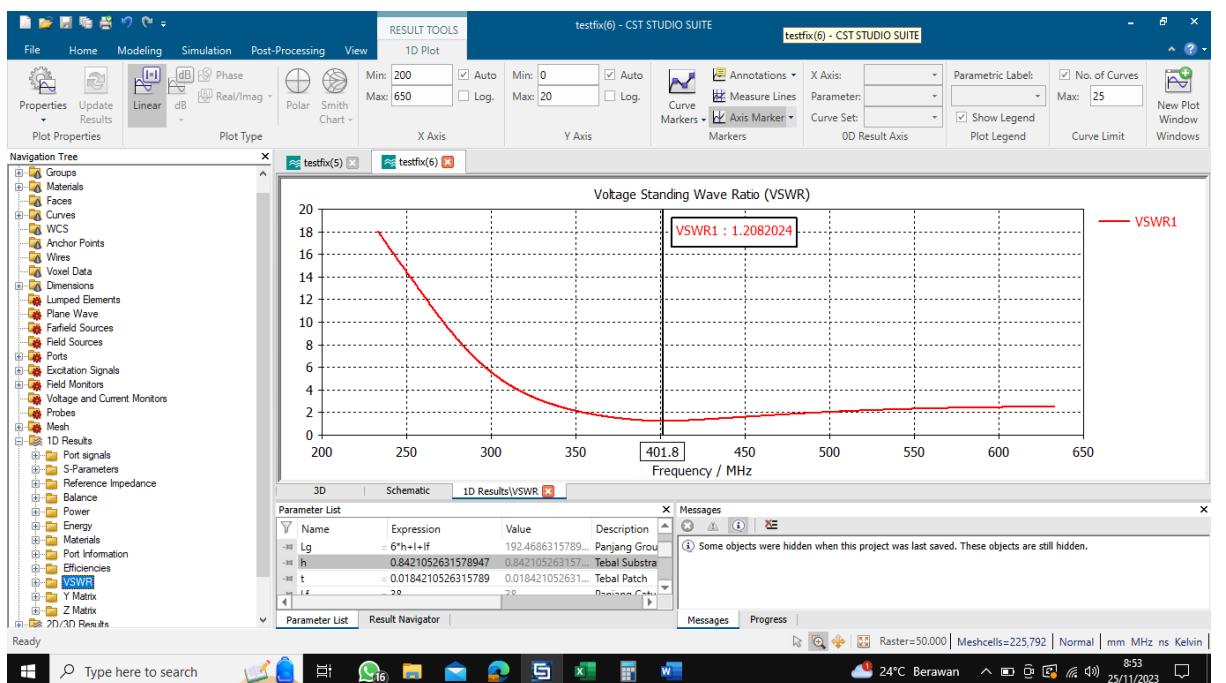


## 8. Frekuensi: 233 MHz – 633 MHz (Scale = 1,9); Titik Frekuensi: 401,8 MHz; [Nama File: testfix(6)]

- Return Loss

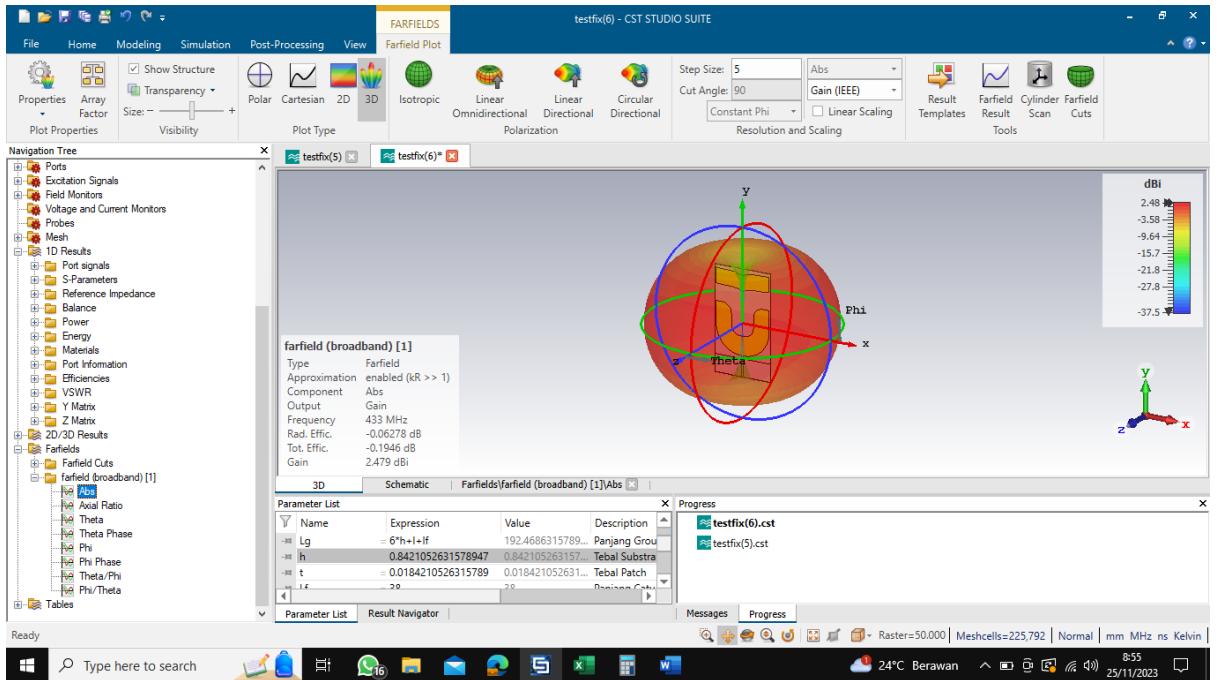


- VSWR

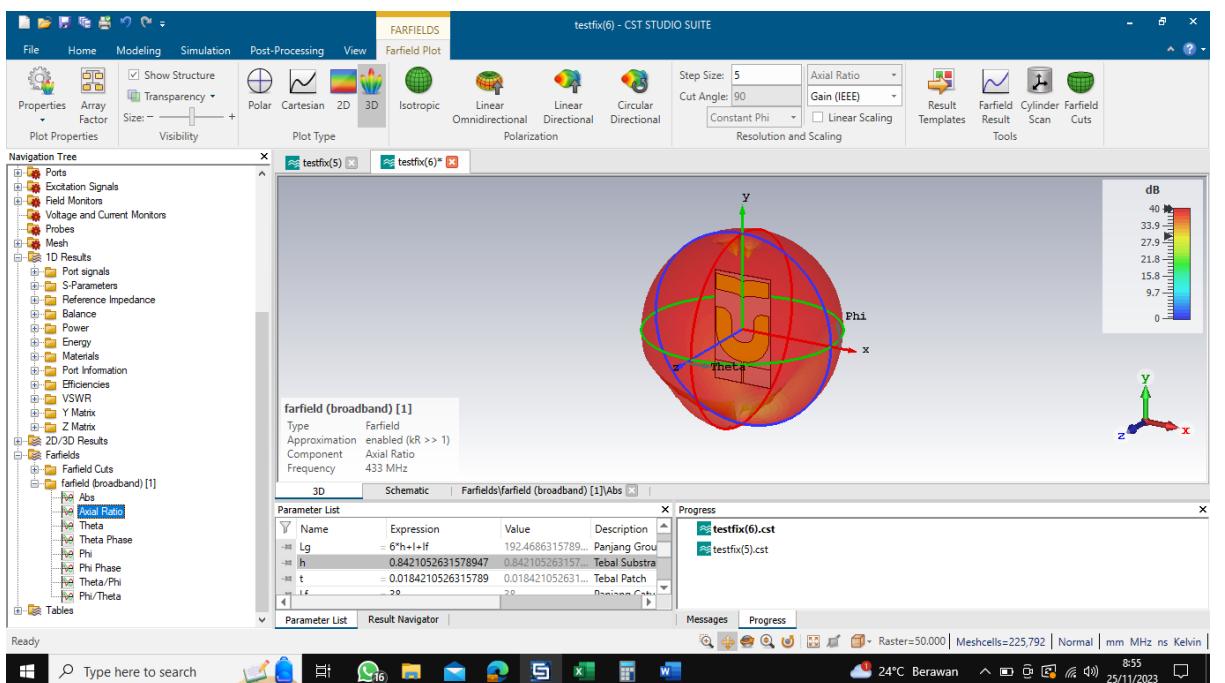


- Bandwidth = -

- Pola Radiasi, Gain = 2,479 dBi (cek rad.effic untuk tahu efisiensi nilai yg bagus, semakin mendekati 0 semakin bagus)

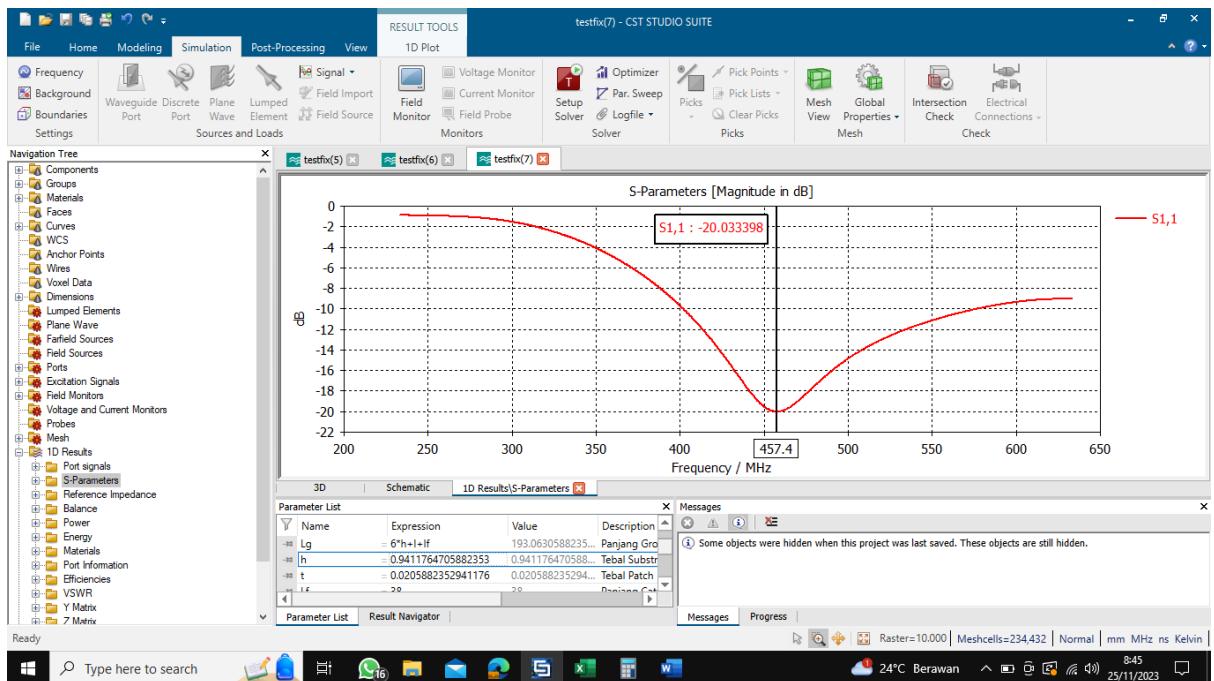


- Axial Ratio

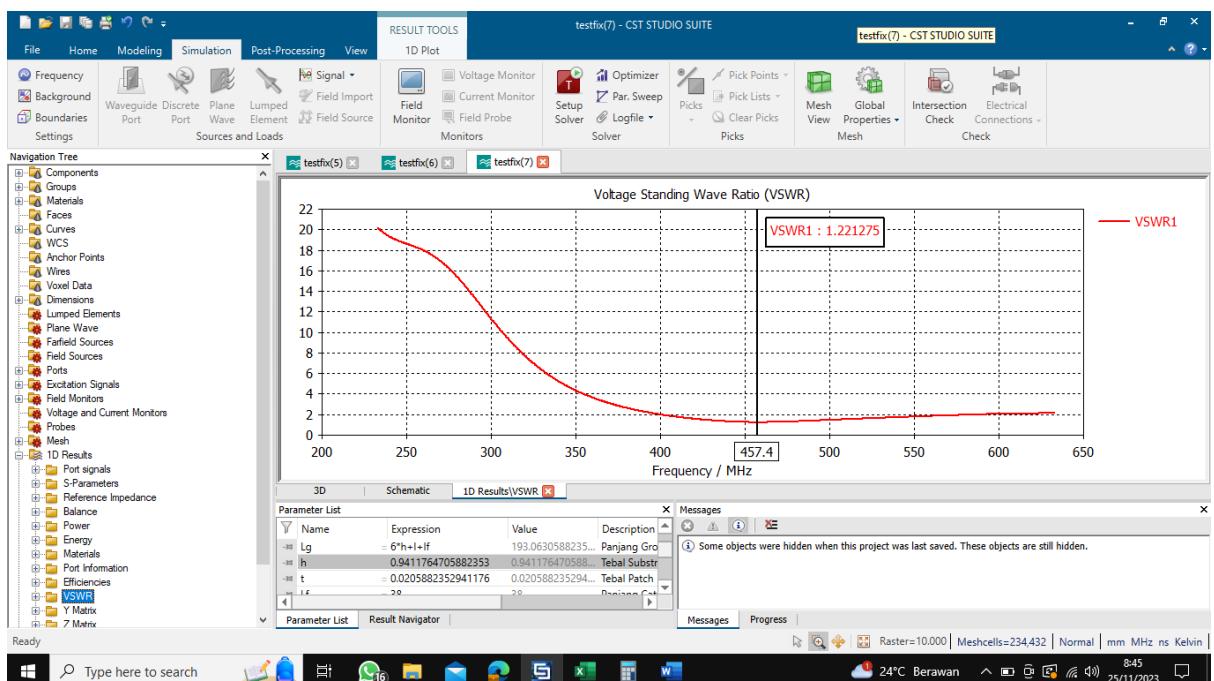


## 9. Frekuensi: 233 MHz – 633 MHz (Scale = 1,7); Titik Frekuensi: 457,4 MHz; [Nama File: testfix(7)]

- Return Loss

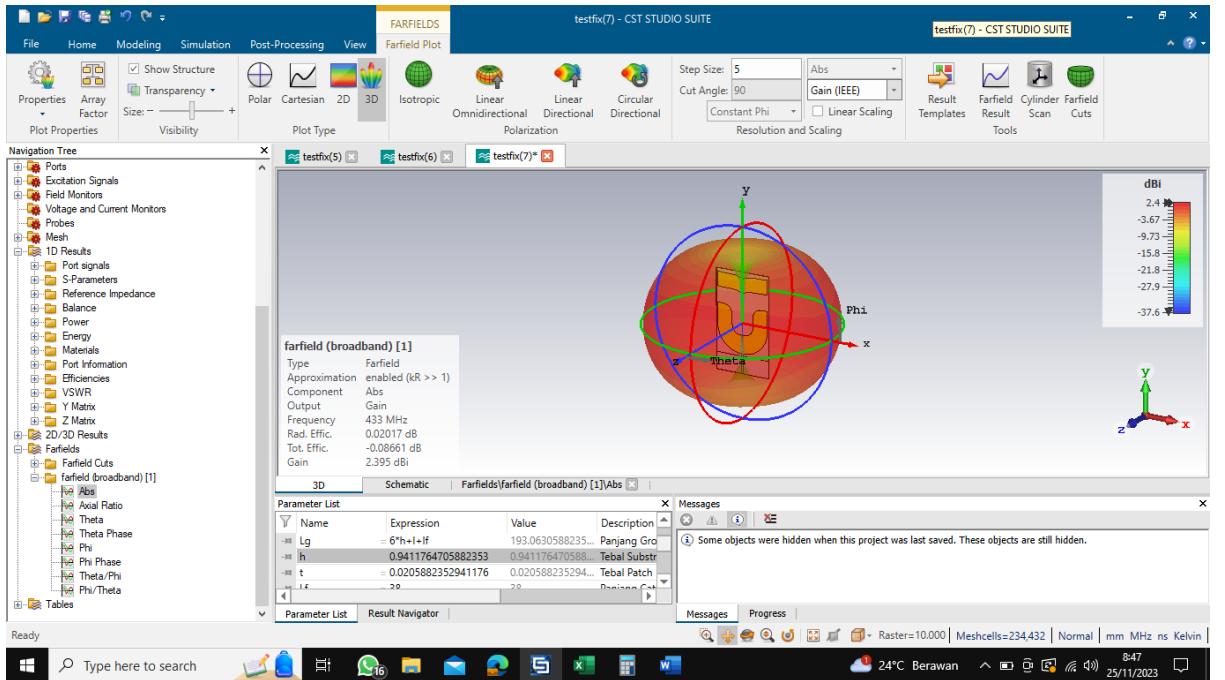


- VSWR

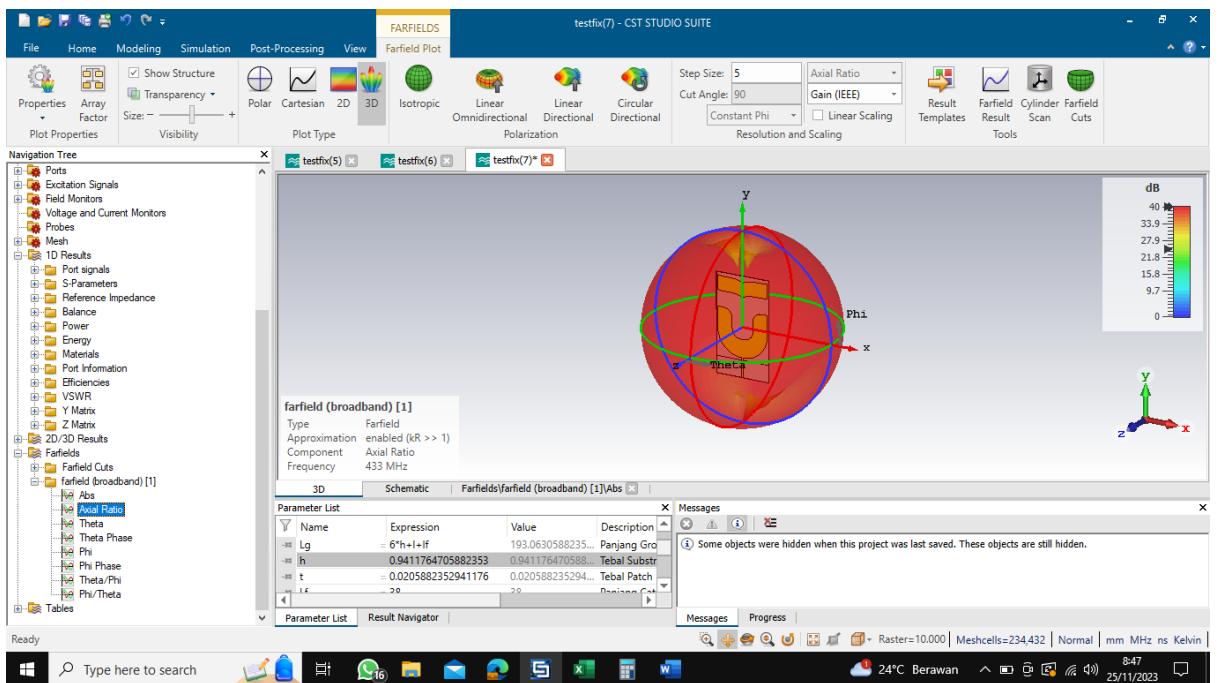


- Bandwidth = -

- Pola Radiasi, Gain = 2,395 dBi (cek rad.effic untuk tahu efisiensi nilai yg bagus, semakin mendekati 0 semakin bagus)

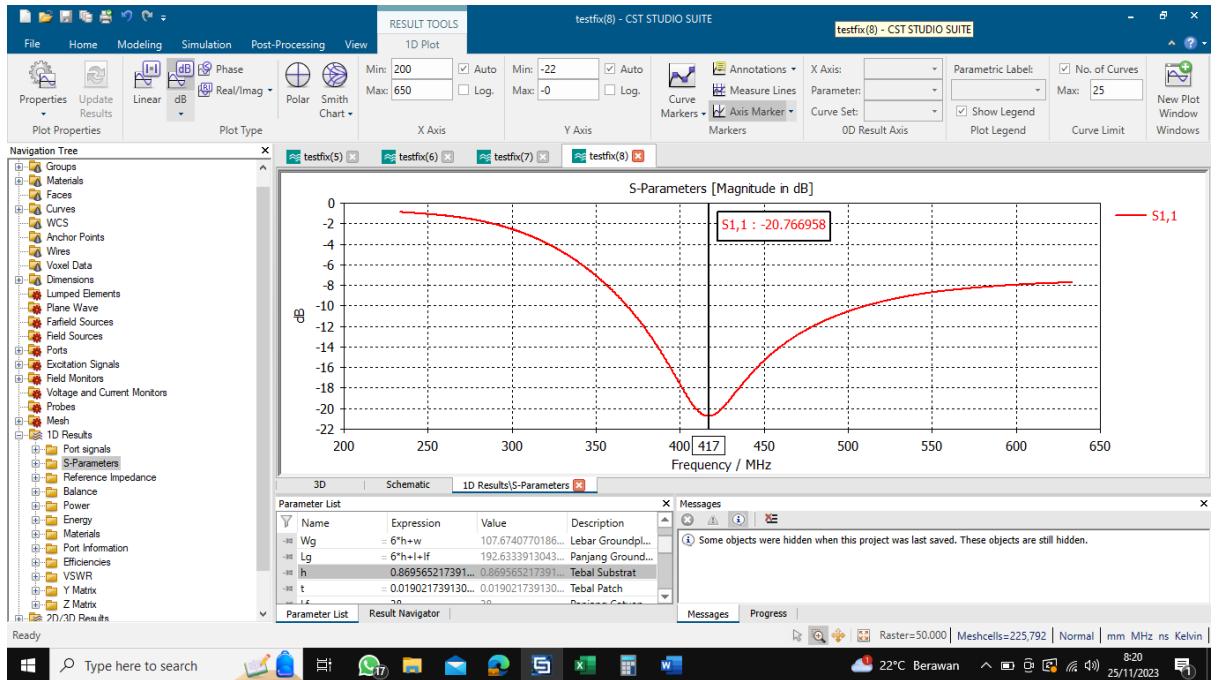


- Axial Ratio

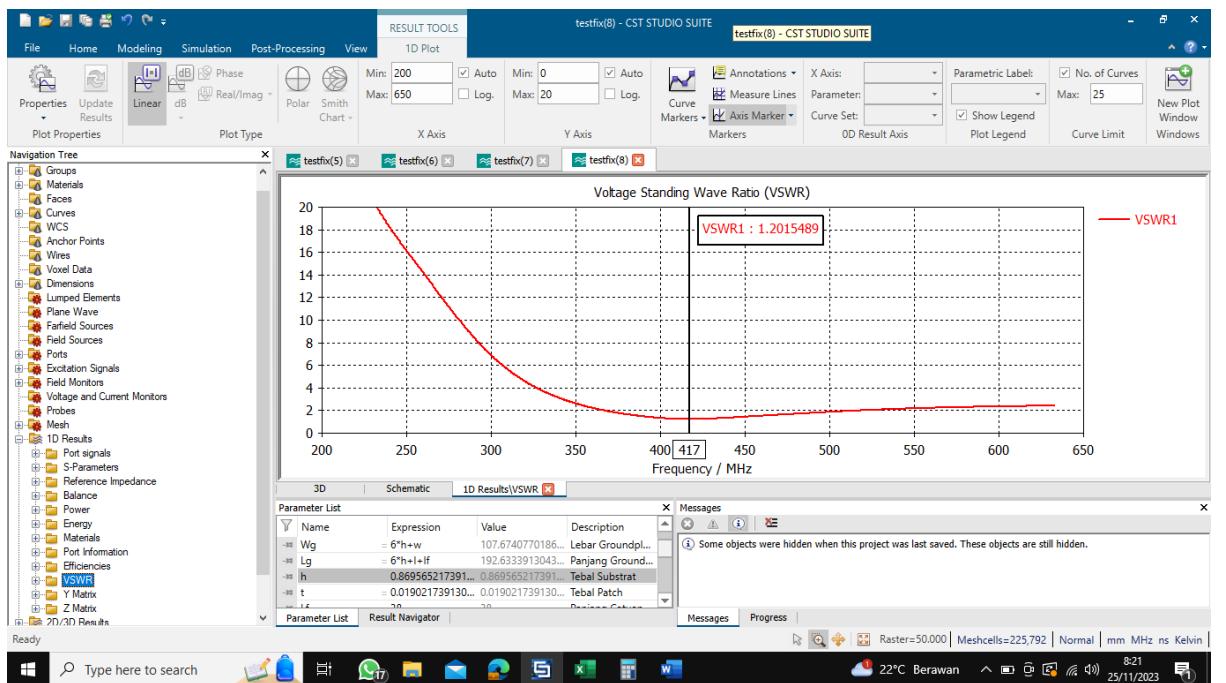


## 10. Frekuensi: 233 MHz – 633 MHz (Scale = 1,84); Titik Frekuensi: 417 MHz; [Nama File: testfix(8)]

- Return Loss

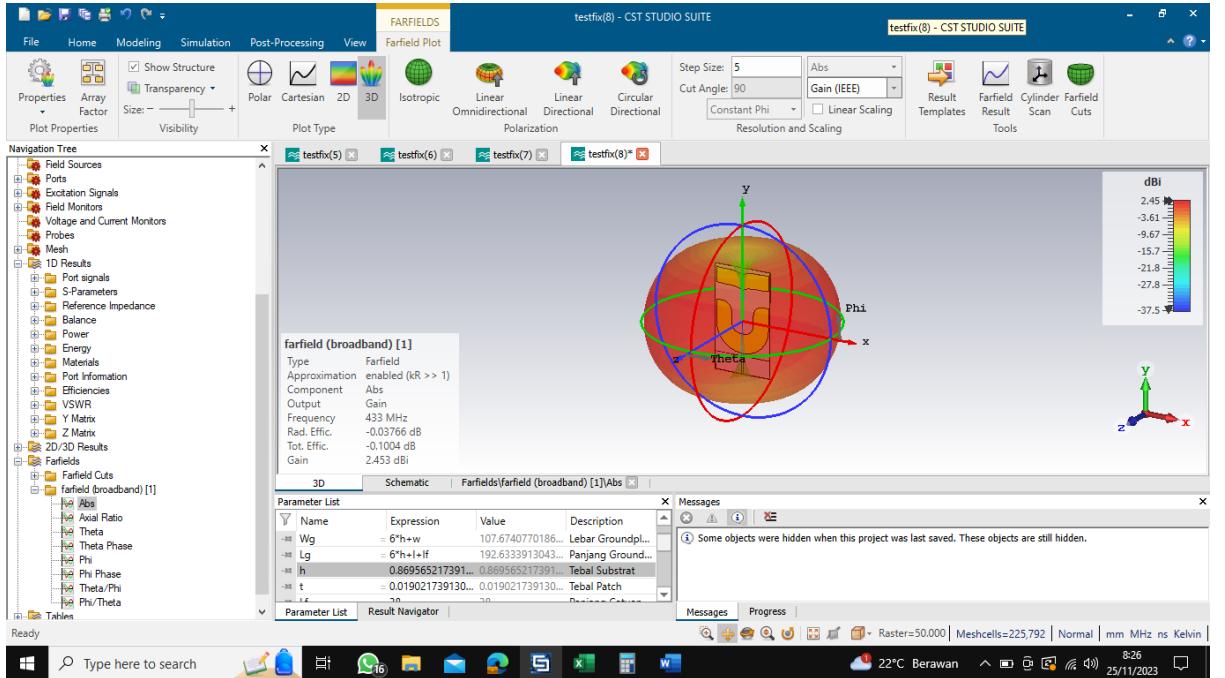


- VSWR

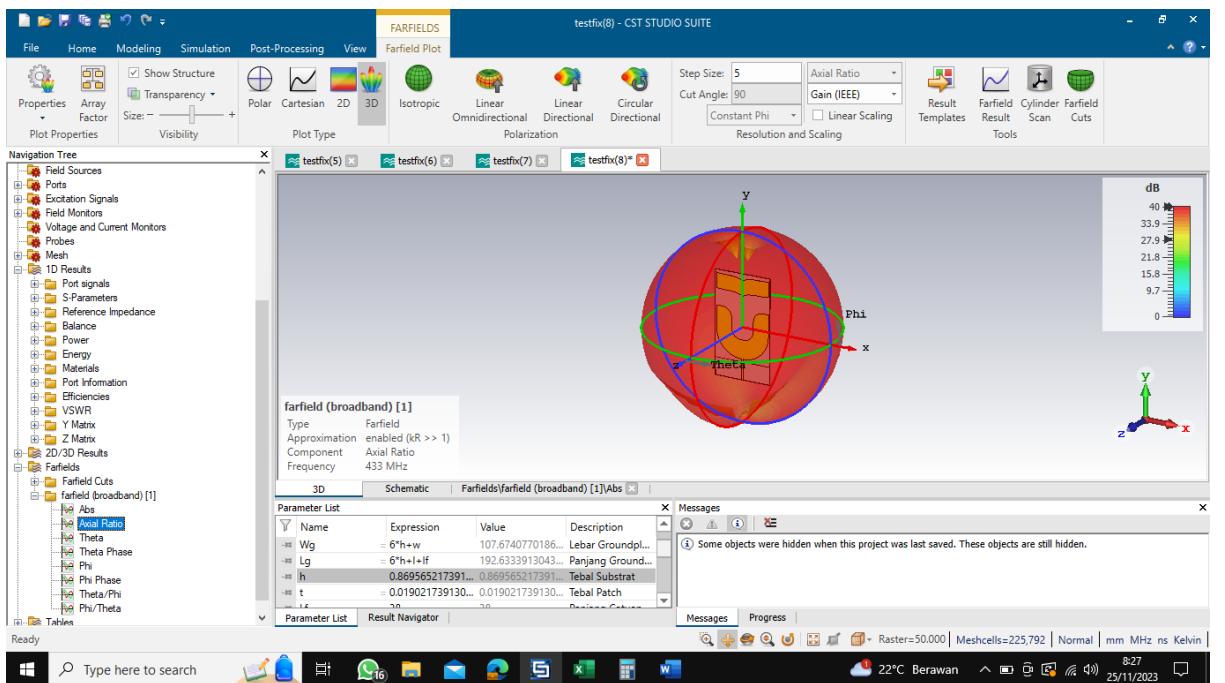


- Bandwidth = -

- Pola Radiasi, Gain = 2.453 dBi (cek rad.effic untuk tahu efisiensi nilai yg bagus, semakin mendekati 0 semakin bagus)

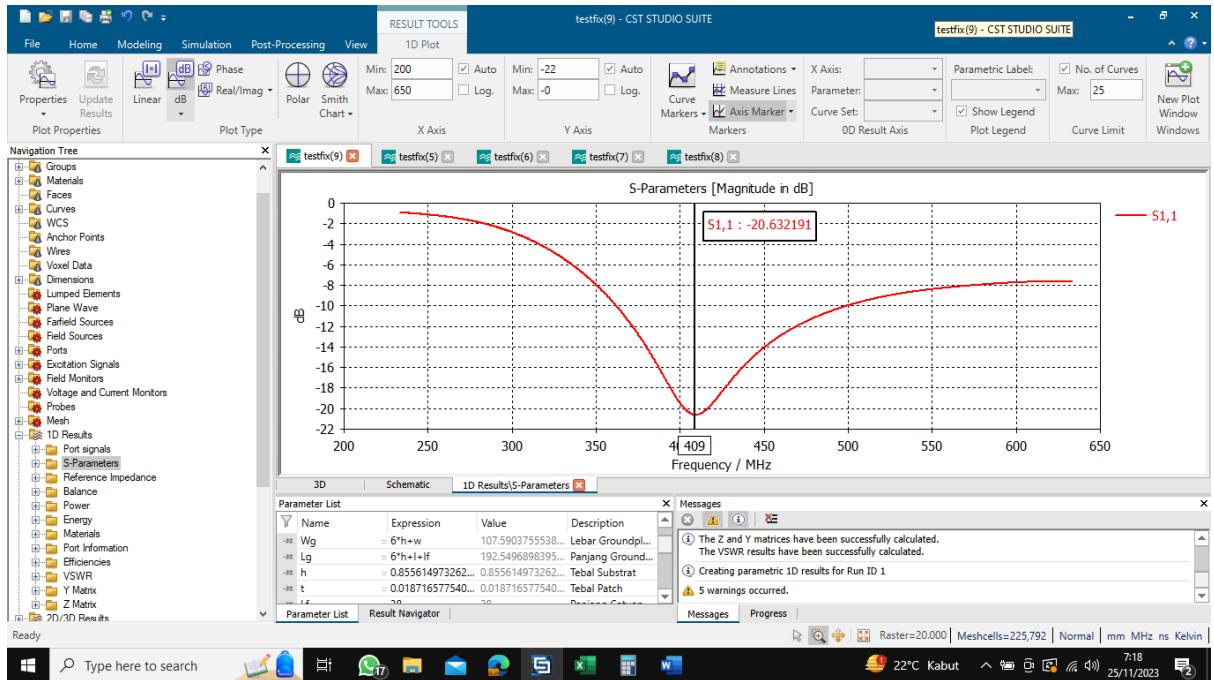


- Axial Ratio

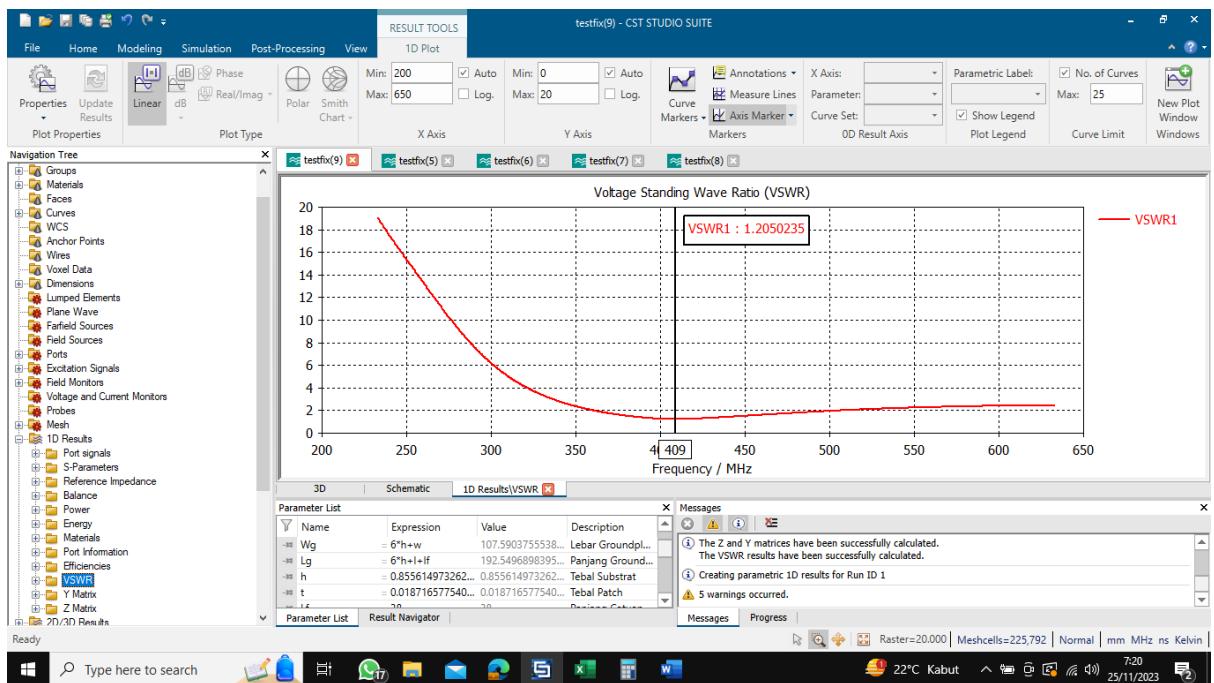


## 11. Frekuensi: 233 MHz – 633 MHz (Scale = 1,87); Titik Frekuensi: 409 MHz; [Nama File: testfix(9)]

- Return Loss

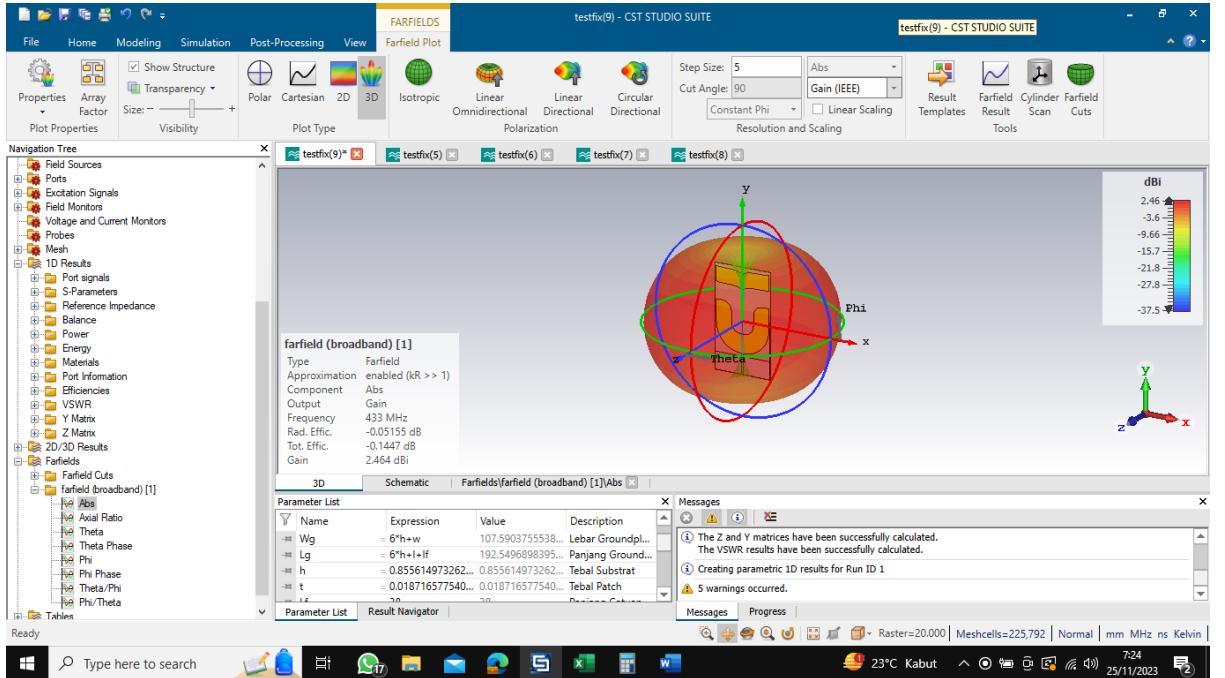


- VSWR

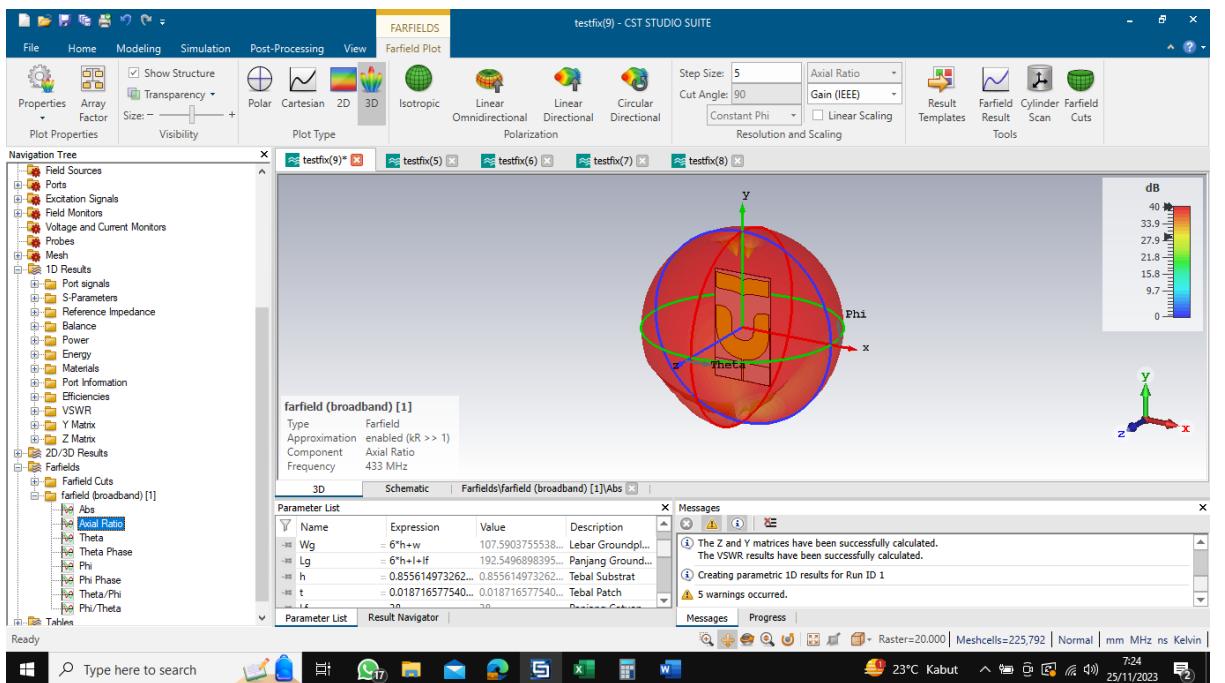


- Bandwidth = -

- Pola Radiasi, Gain = 2,464 dBi (cek rad.effic untuk tahu efisiensi nilai yg bagus, semakin mendekati 0 semakin bagus)

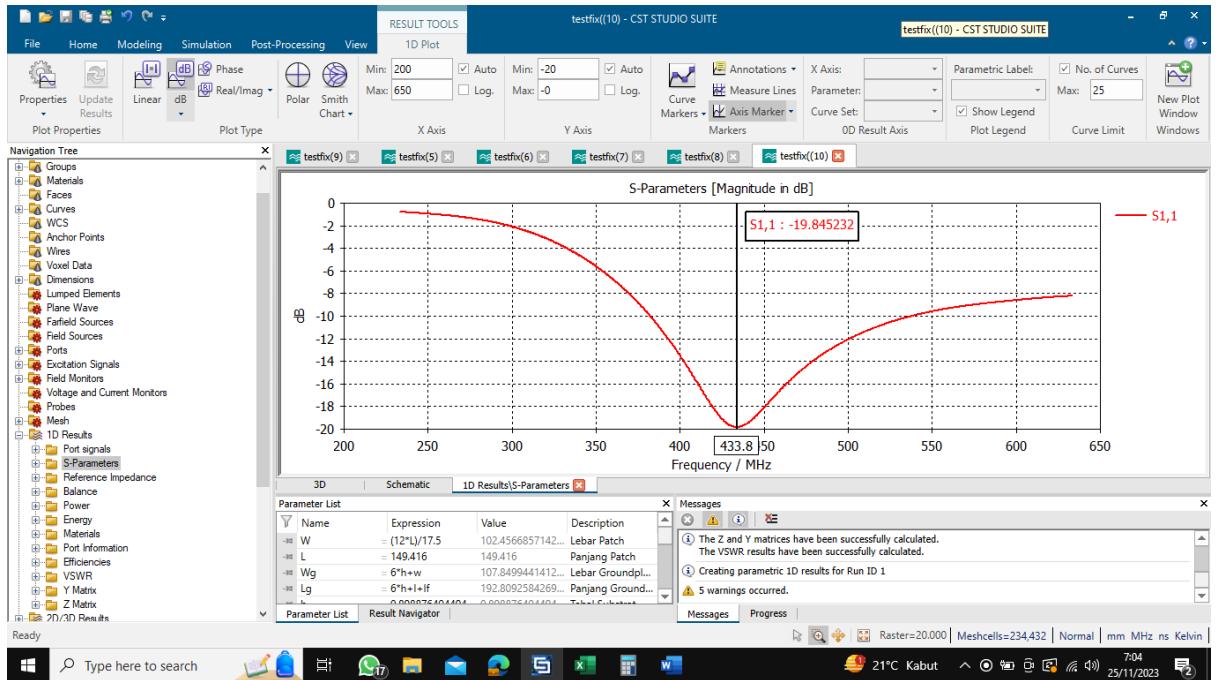


- Axial Ratio

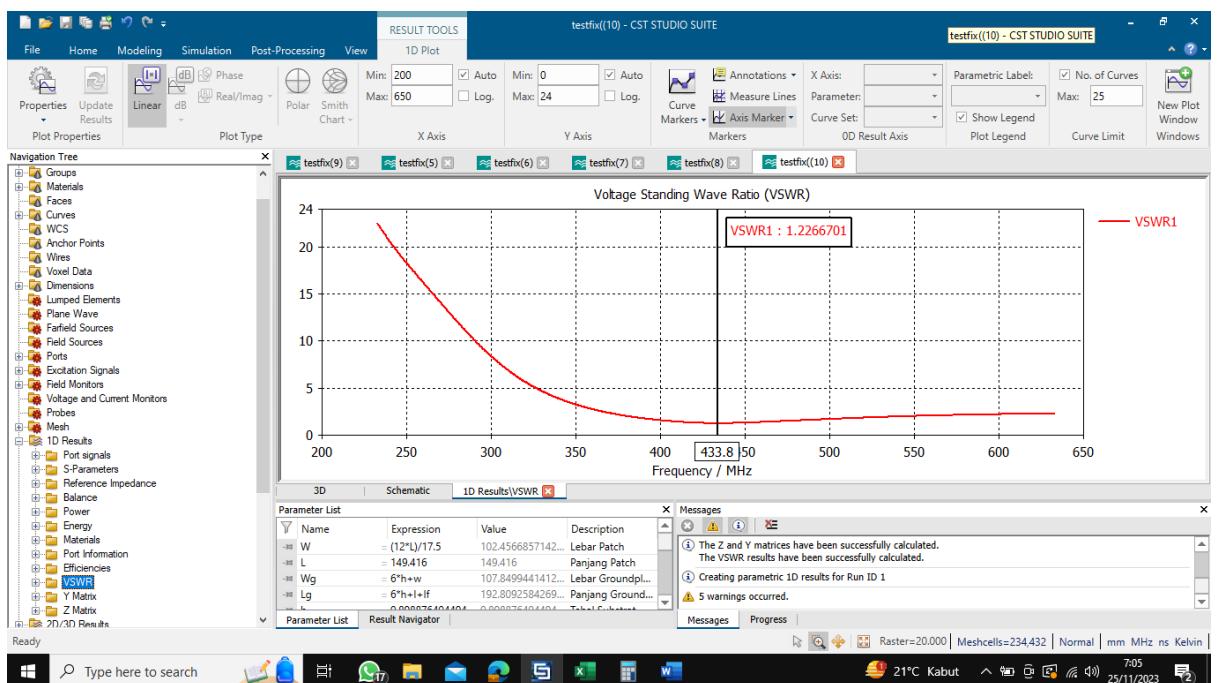


## 12. Frekuensi: 233 MHz – 633 MHz (Scale = 1,78); Titik Frekuensi: 433,8 MHz; [Nama File: testfix(10)]

- Return Loss

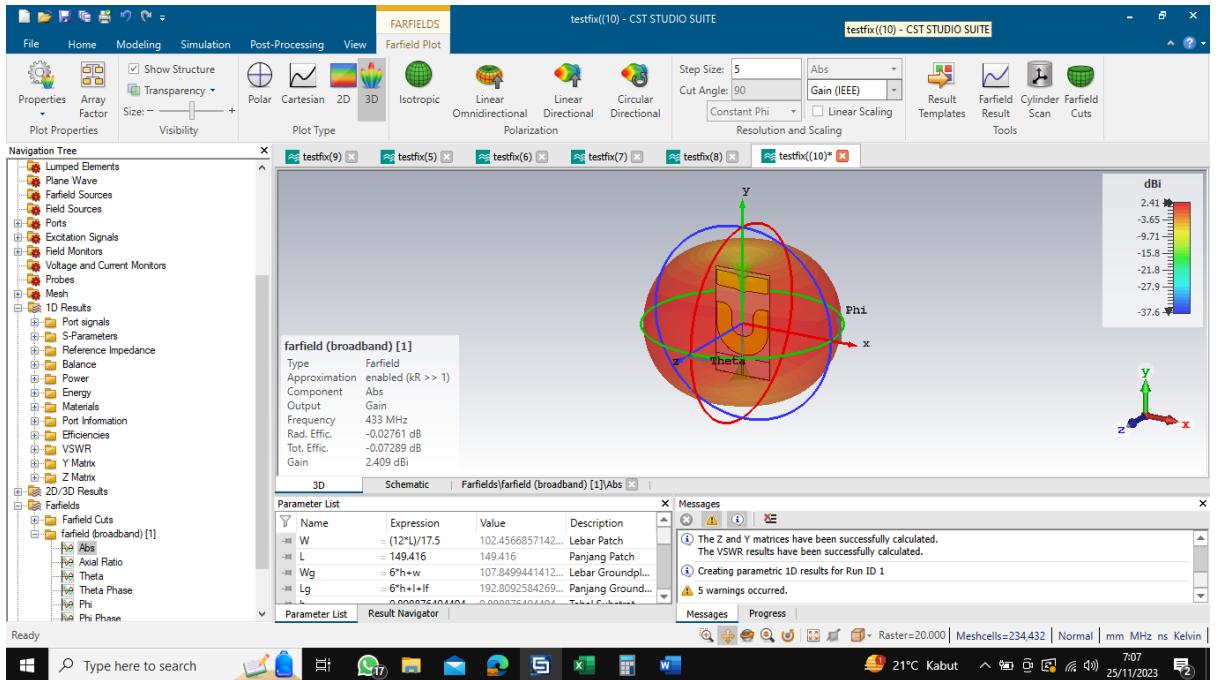


- VSWR

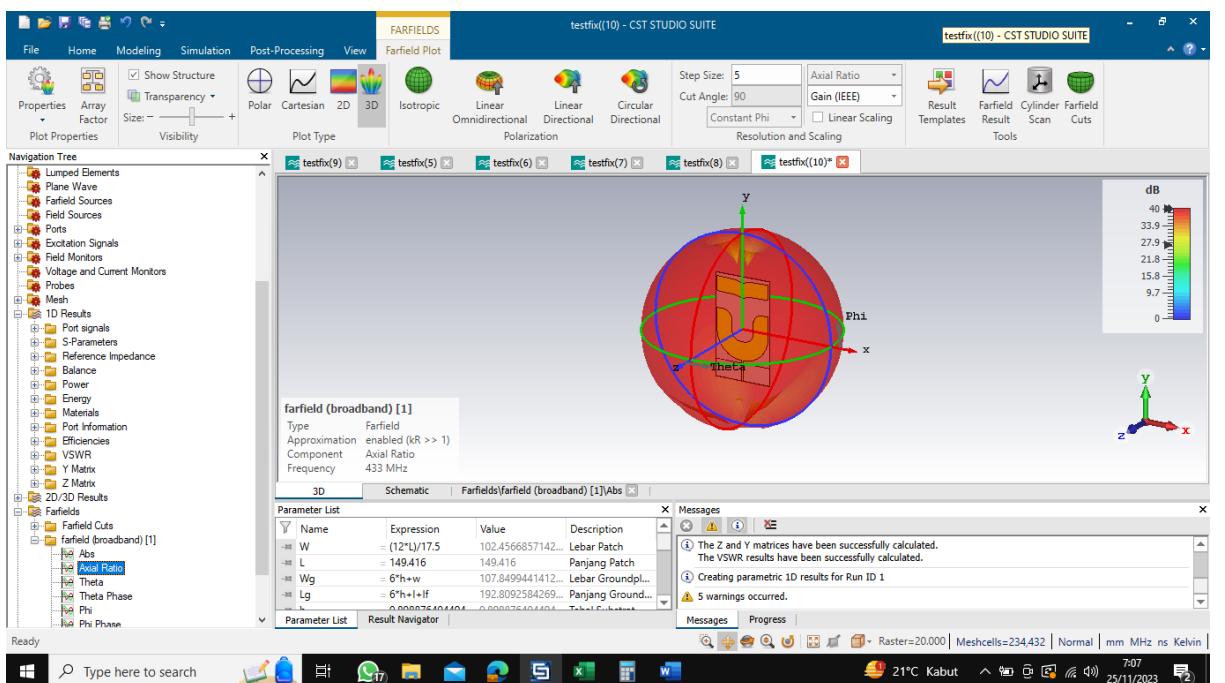


- Bandwidth = -

- Pola Radiasi, Gain = 2,409 dBi (cek rad.effic untuk tahu efisiensi nilai yg bagus, semakin mendekati 0 semakin bagus)

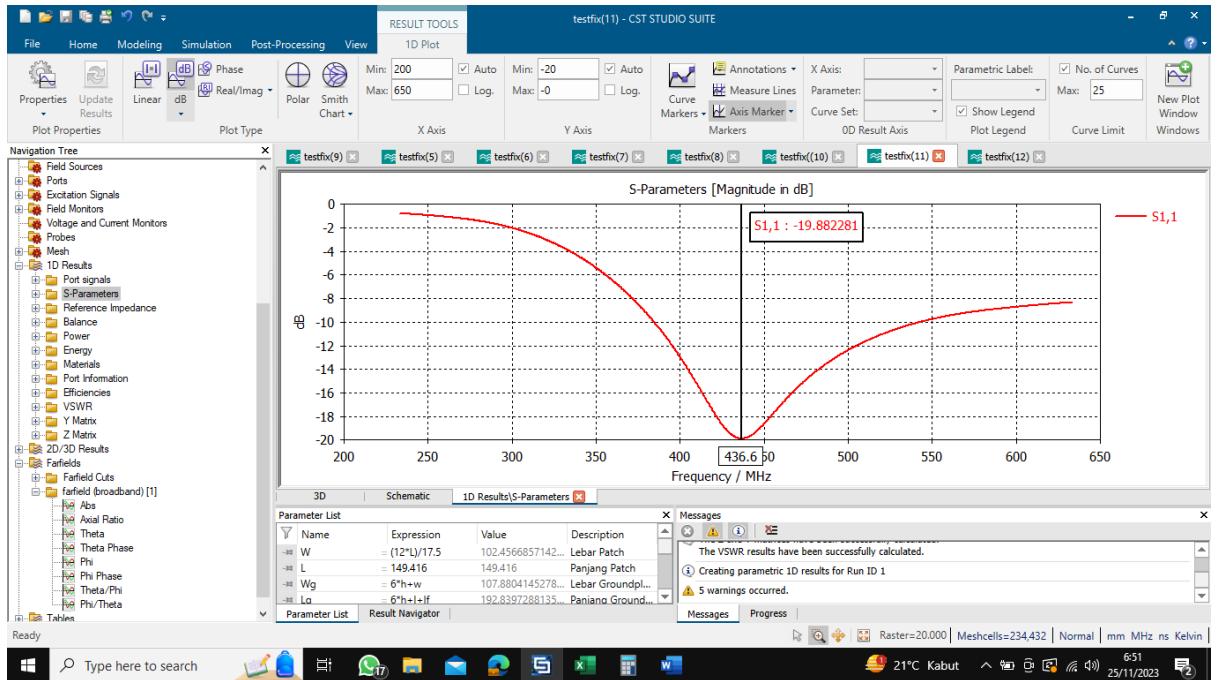


- Axial Ratio

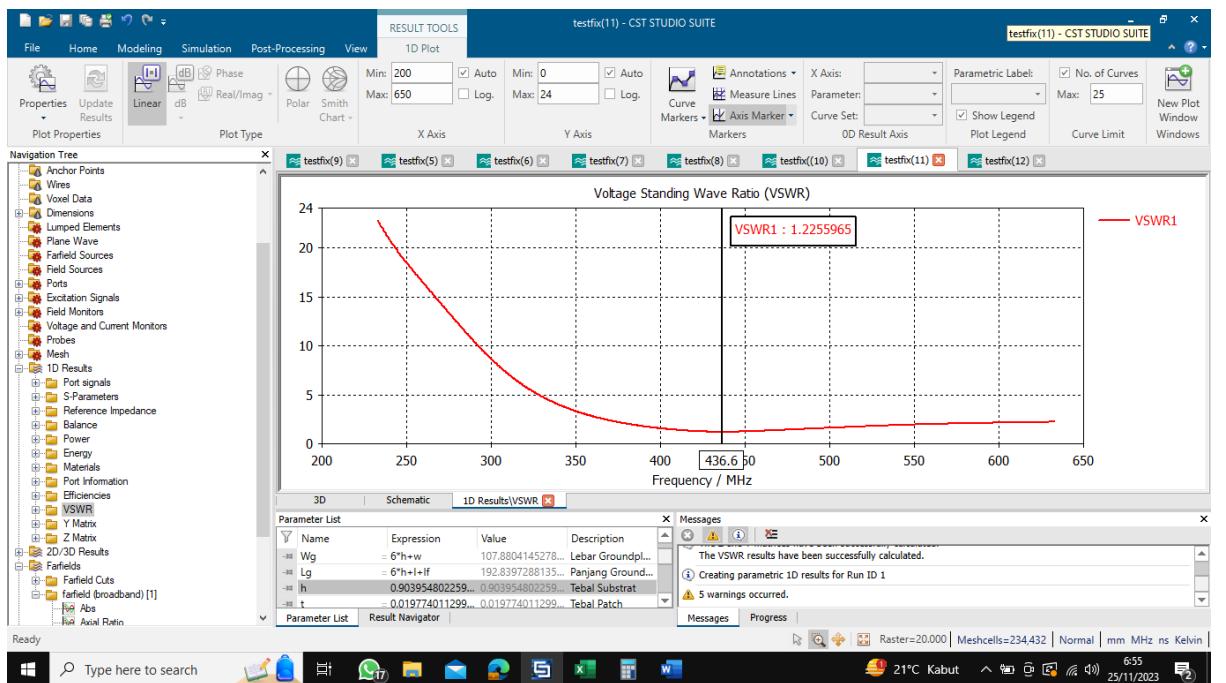


### 13. Frekuensi: 233 MHz – 633 MHz (Scale = 1,77); Titik frekuensi: 436,6 MHz; [Nama File: testfix(11)]

- Return Loss

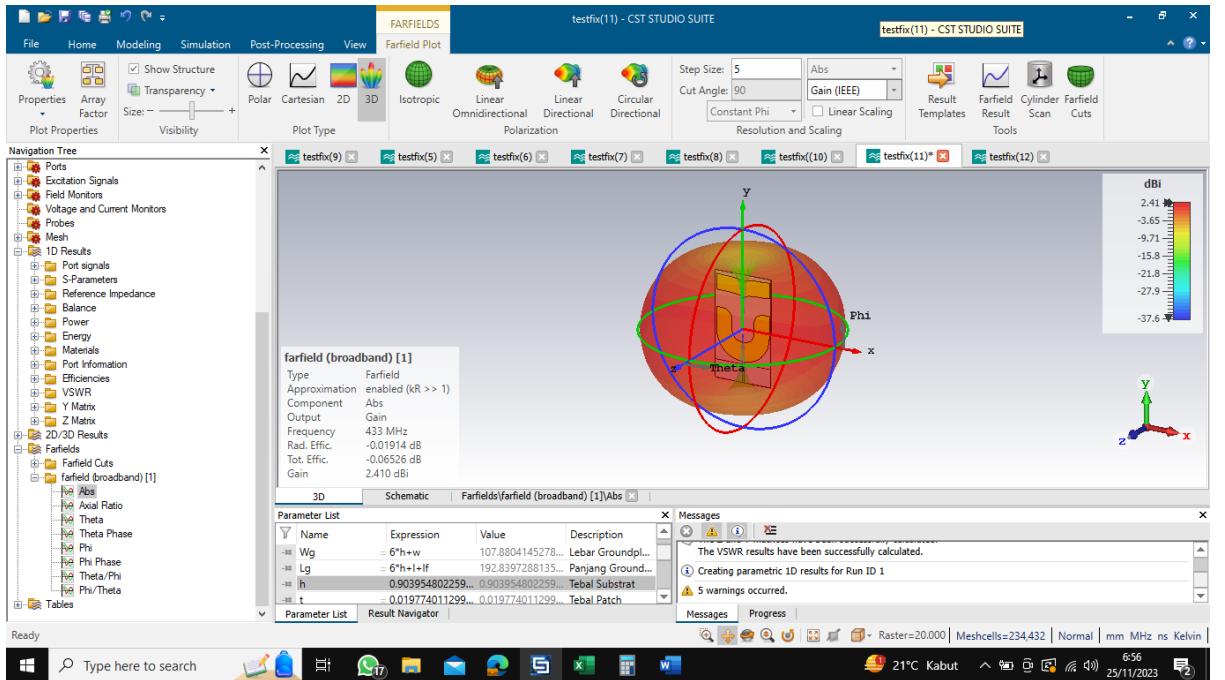


- VSWR

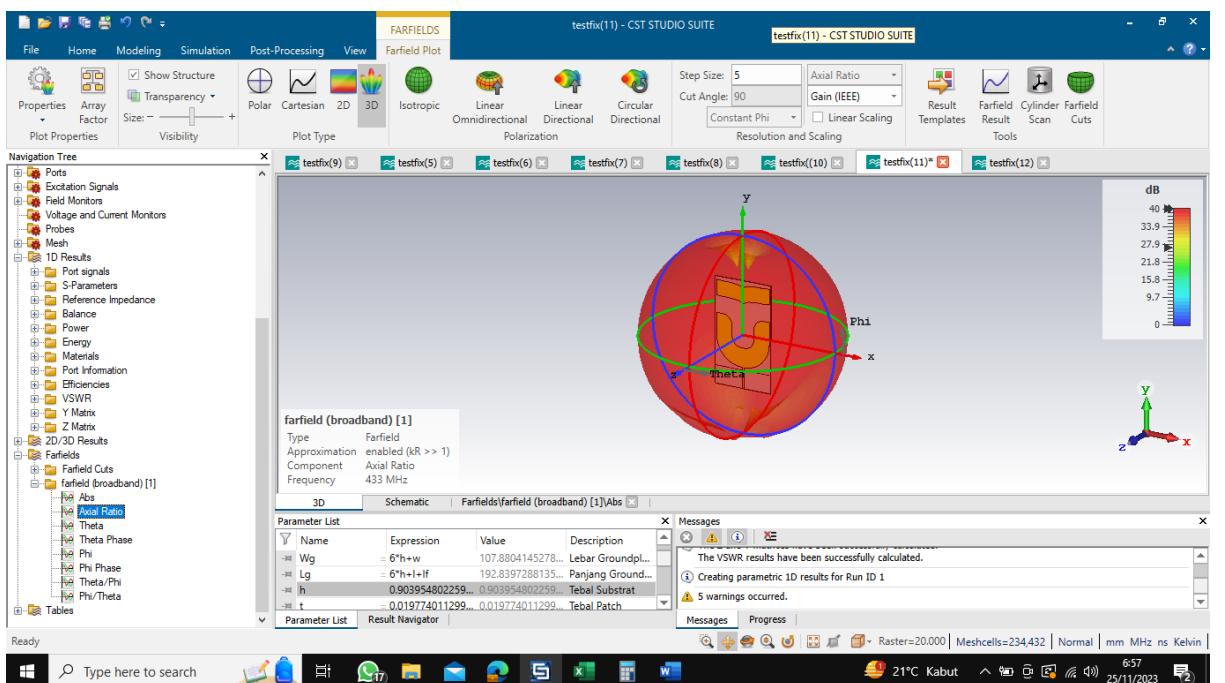


- Bandwidth = - (Belum dioptimasi)

- Pola Radiasi, Gain = 2,410 dBi (cek rad.effic untuk tahu efisiensi nilai yg bagus, semakin mendekati 0 semakin bagus)

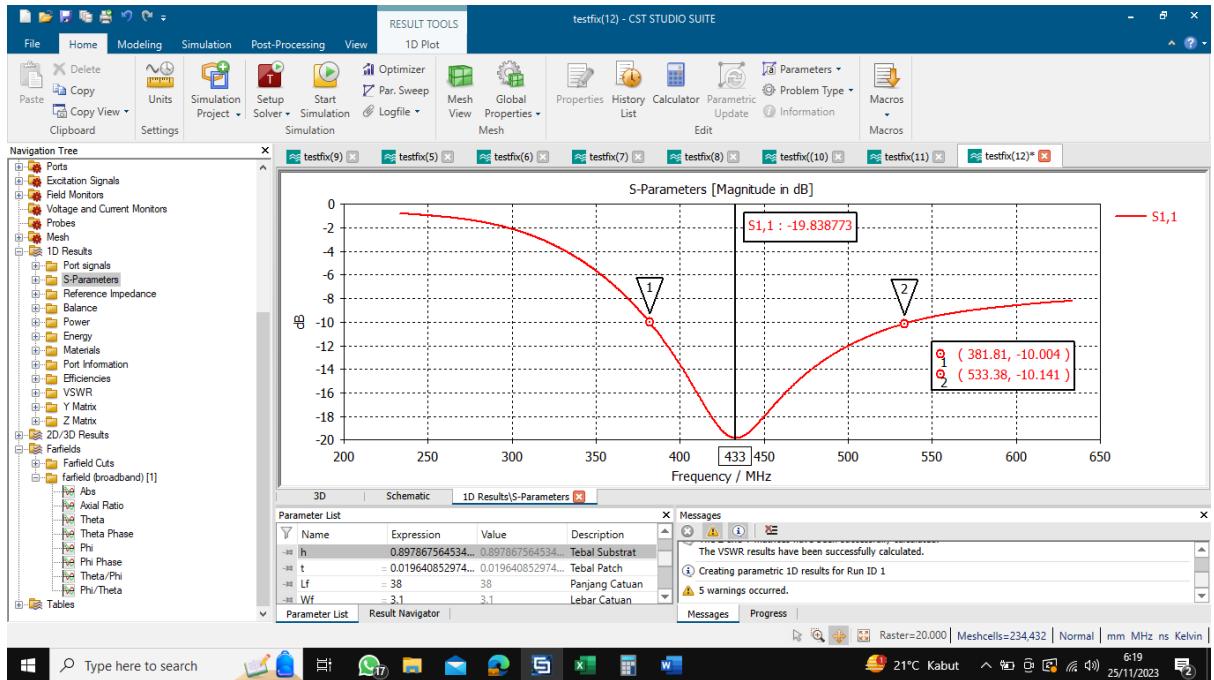


- Axial Ratio

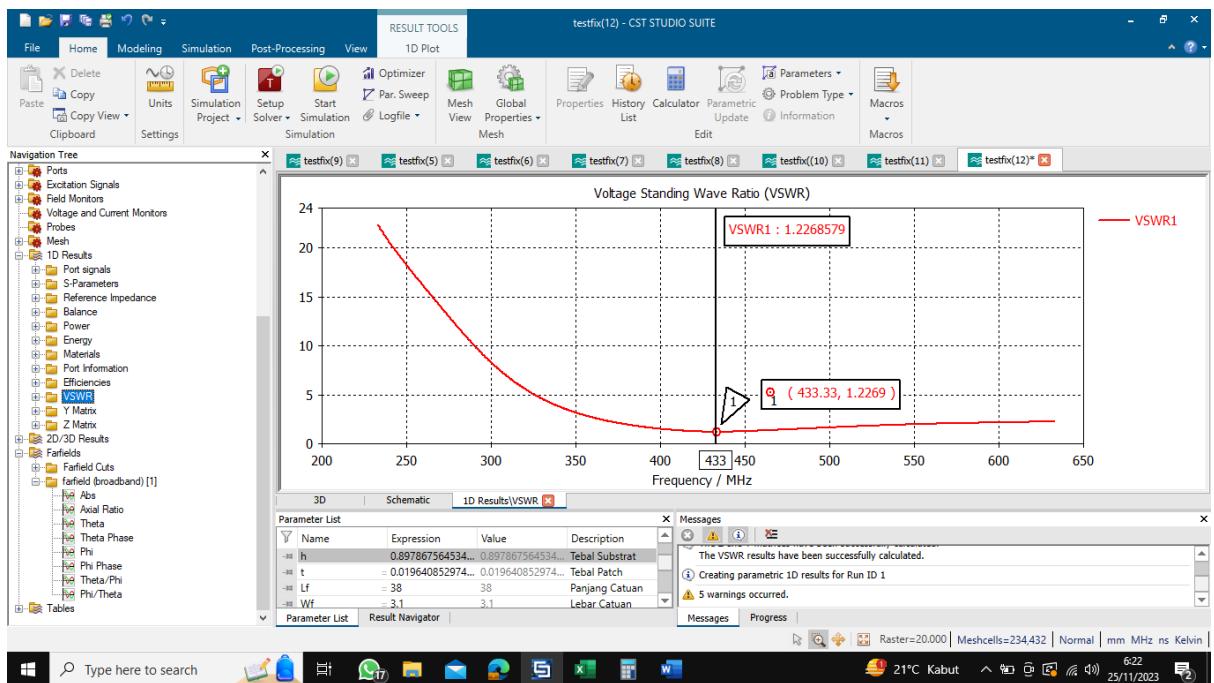


14. Frekuensi: 233 MHz – 633 MHz (Scale = 1,782); Titik frekuensi: 433 MHz; [Nama File: testfix(12)]

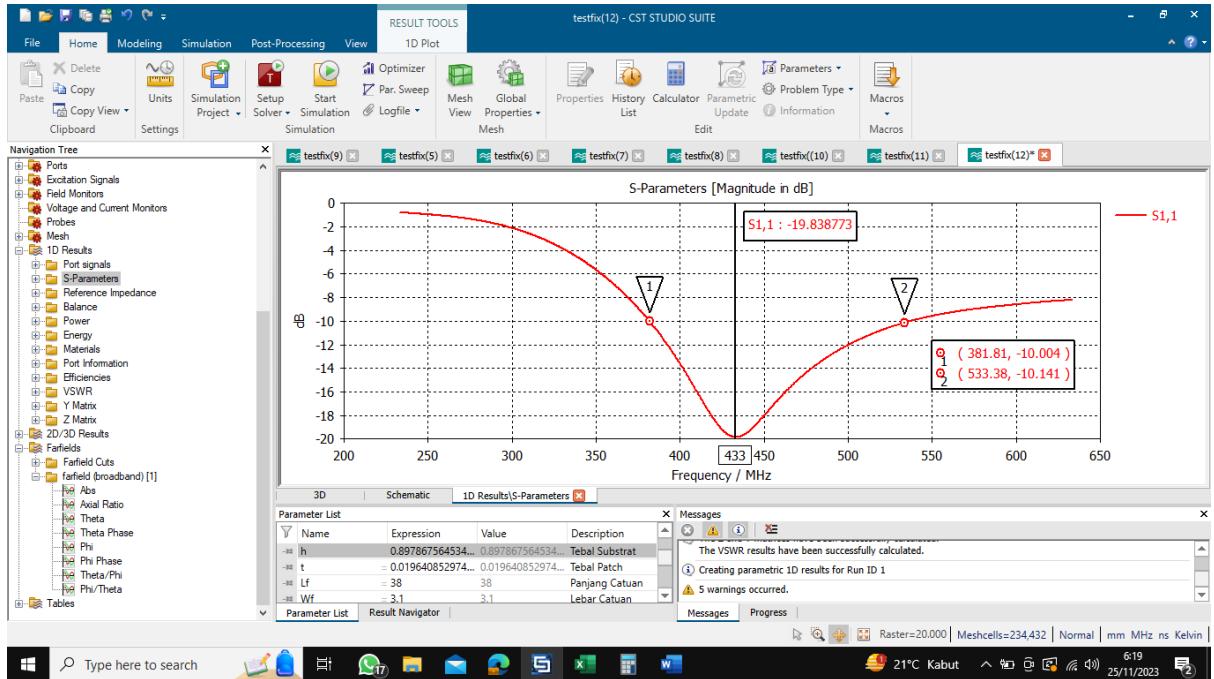
- Return Loss = -19,838773 dB



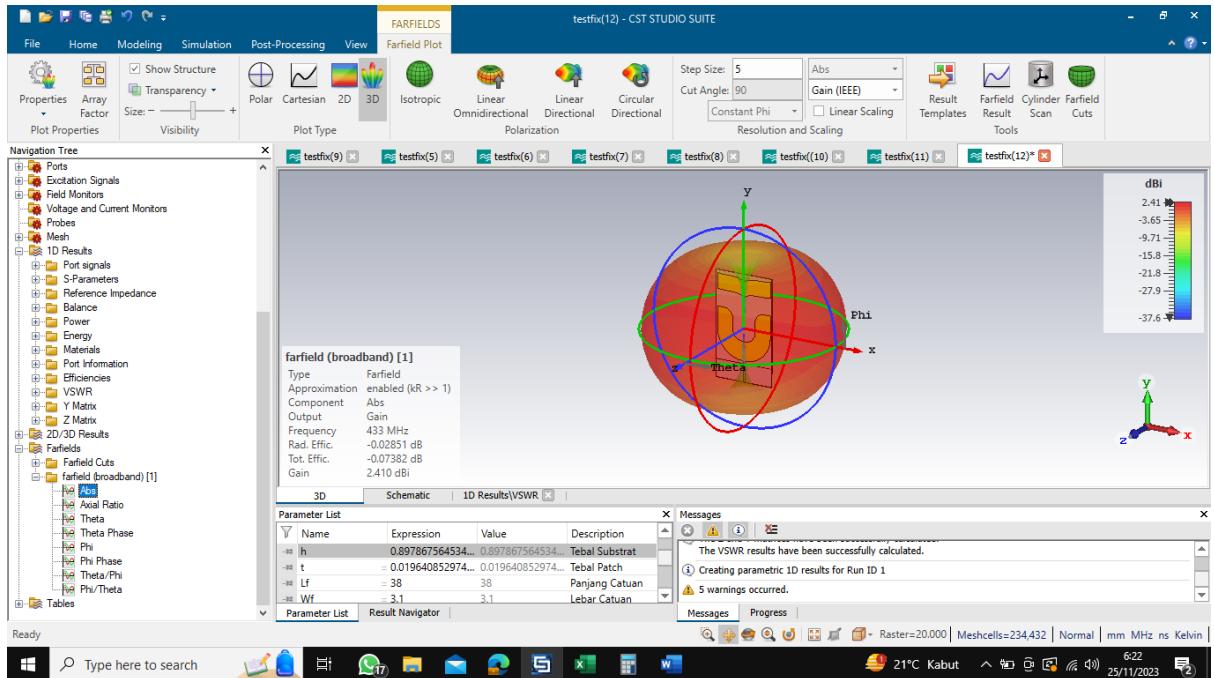
- VSWR = 1,2268579



- Bandwidth =  $533,38 \text{ MHz} - 381,81 \text{ MHz} = 151.57 \text{ MHz}$



- Pola Radiasi, Gain = 2.410 dBi (cek rad.effic untuk tahu efisiensi nilai yg bagus, semakin mendekati 0 semakin bagus)



## - Axial Ratio

