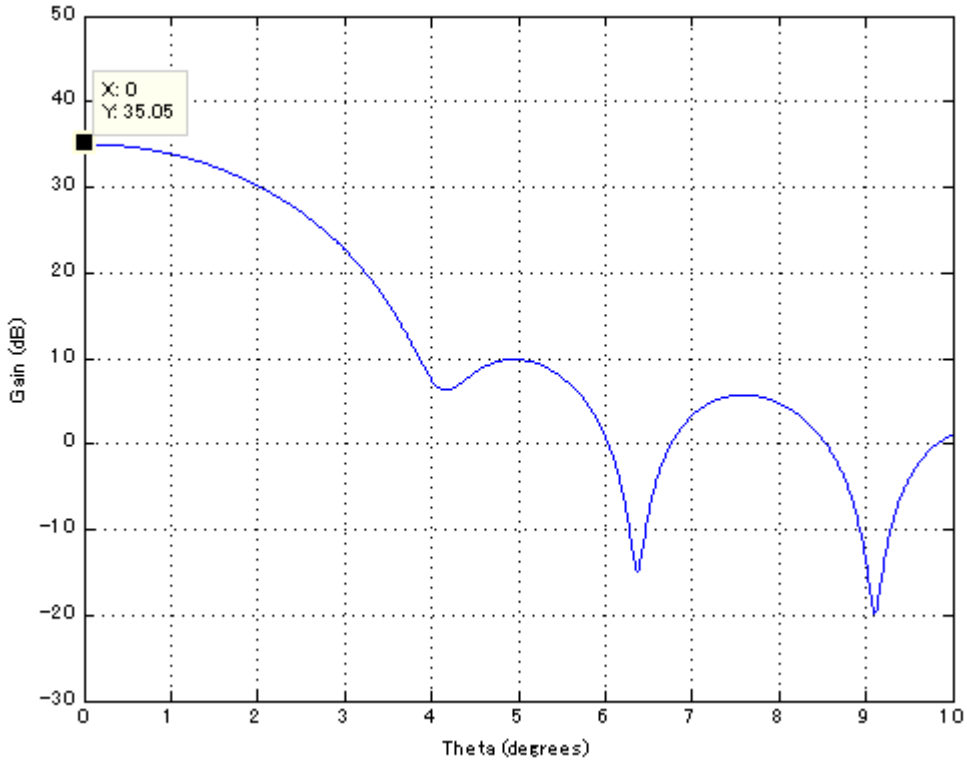
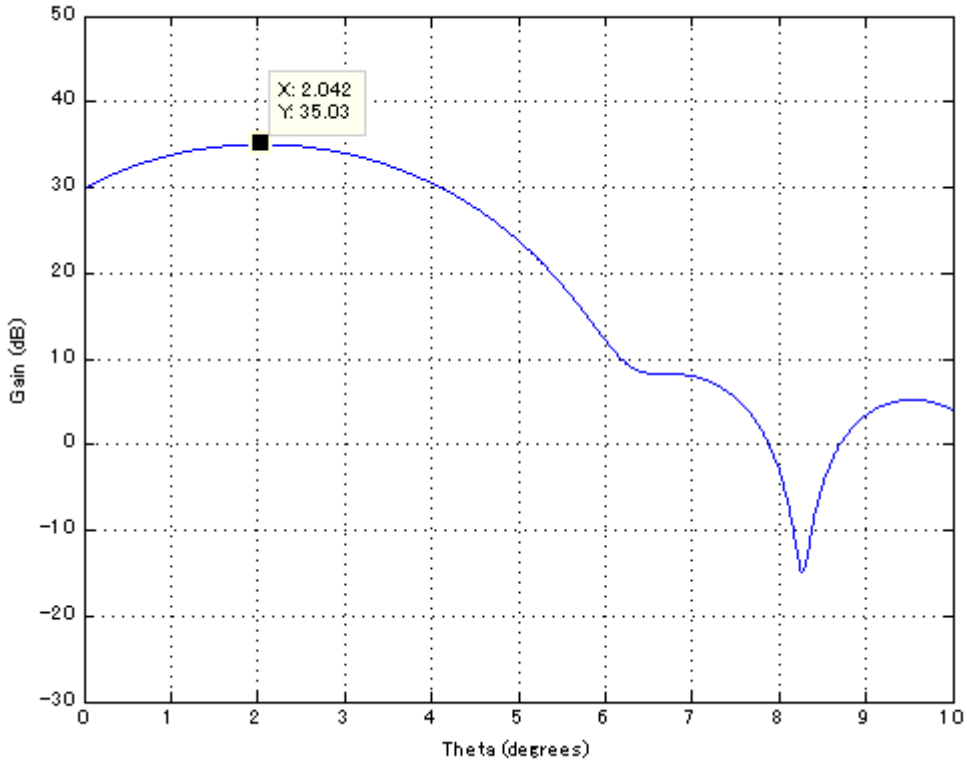
Performance degradation due to misalignment of feed



Φ = 21 λ

F = 0.6

without offset



Φ = 21 λ

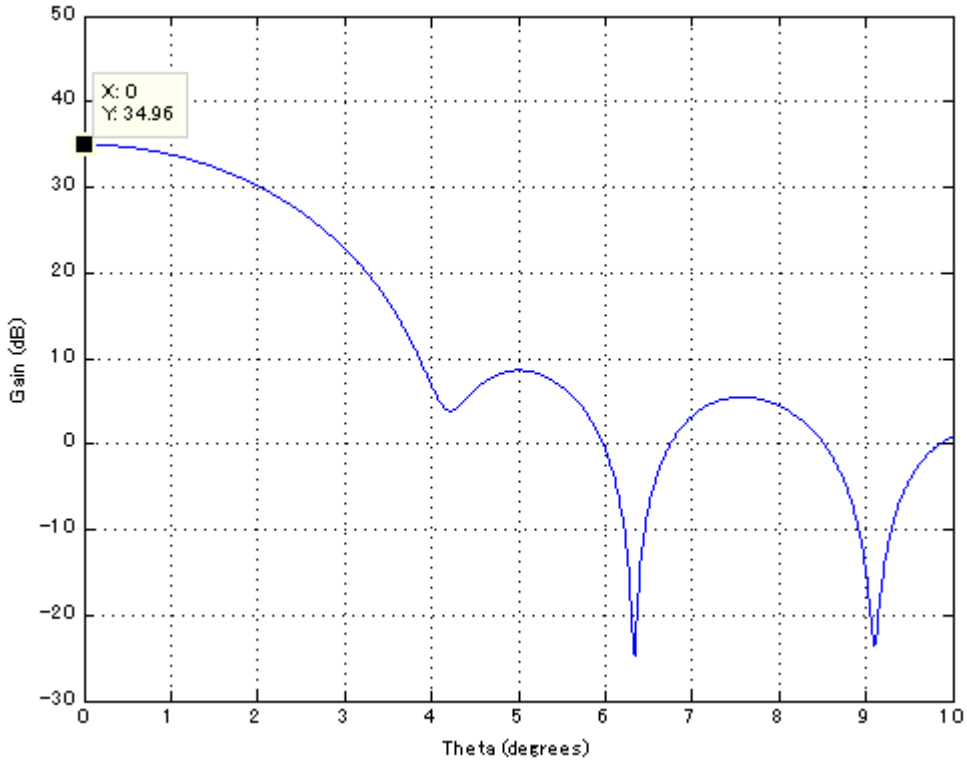
F = 0.6

with offset feed

offset = 0.5 λ

Δ G = -0.02 dB

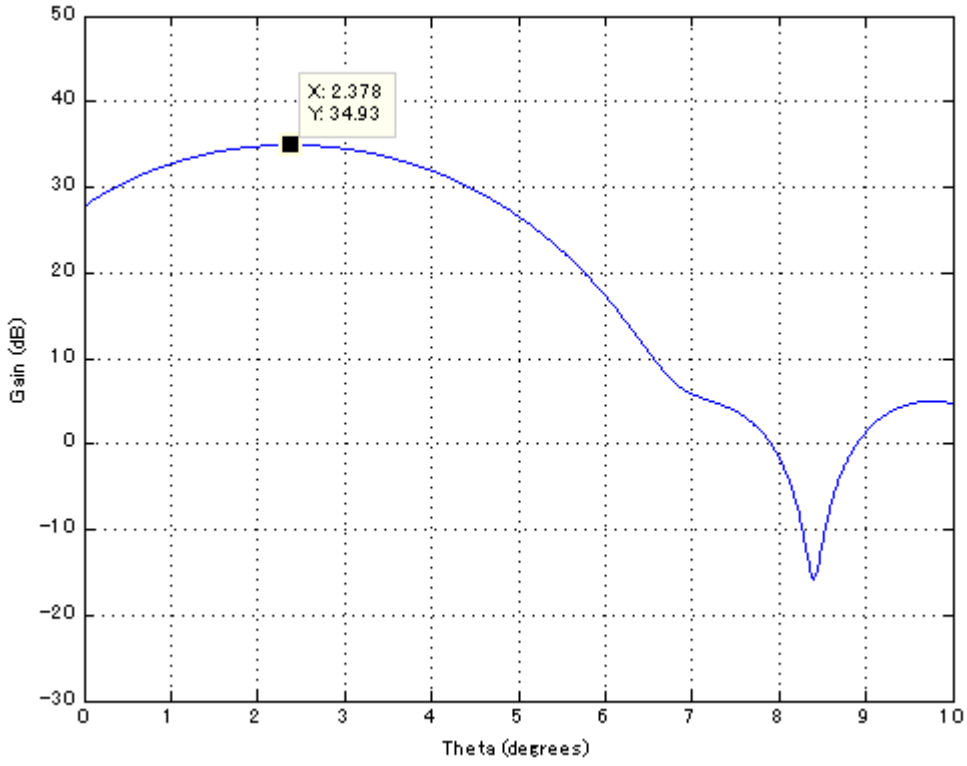
Performance degradation due to misalignment of feed



Φ = 21 λ

F = 0.5

without offset



Φ = 21 λ

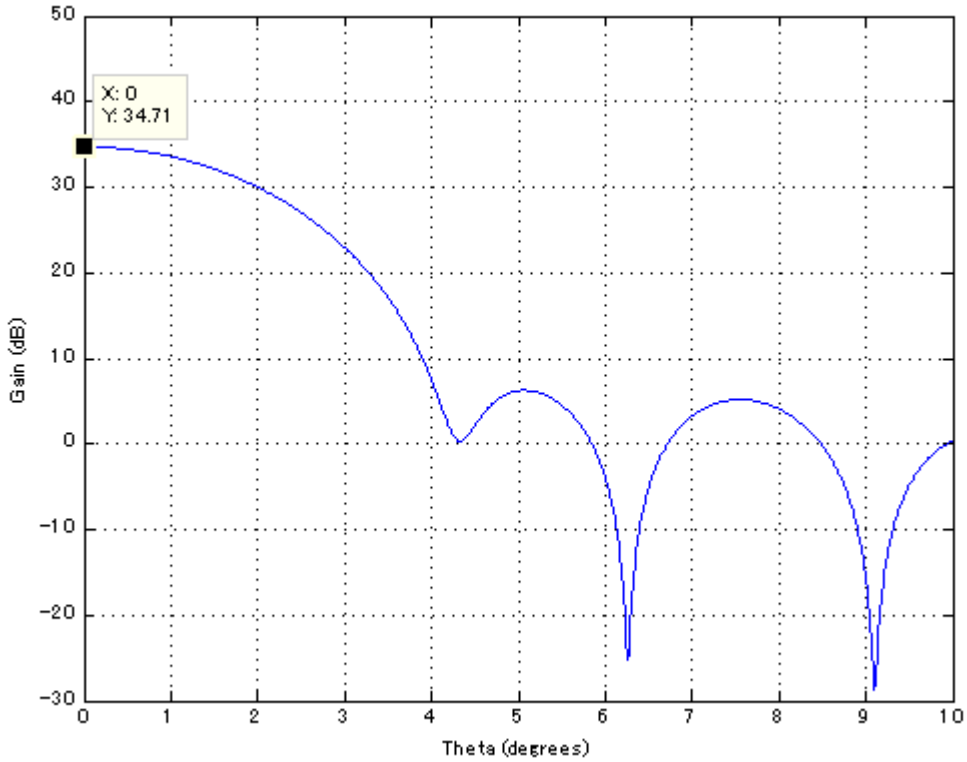
F = 0.5

with offset feed

offset = 0.5 λ

Δ G = -0.04 dB

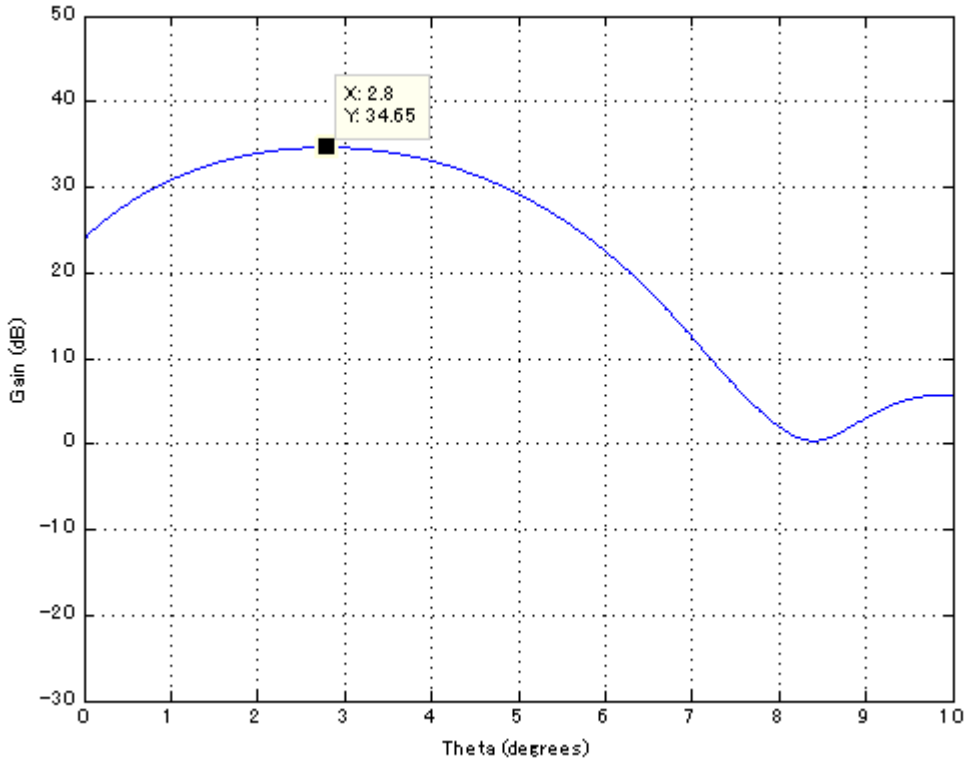
Performance degradation due to misalignment of feed



Φ = 21 λ

F = 0.4

without offset



Φ = 21 λ

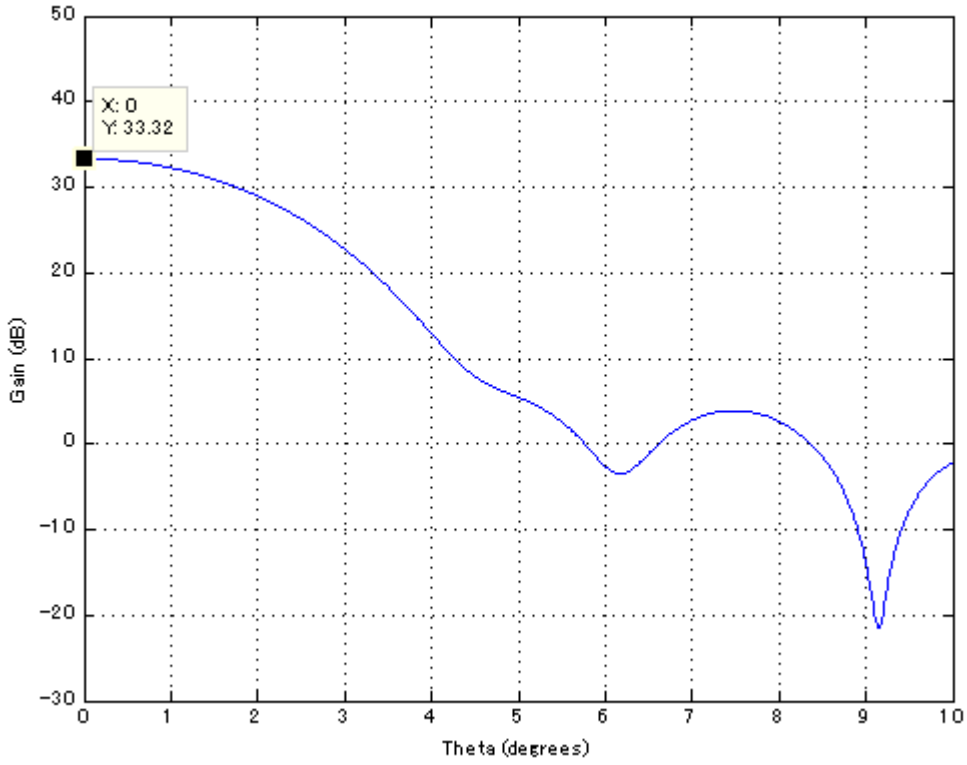
F = 0.4

with offset feed

offset = 0.5 λ

Δ G = -0.06 dB

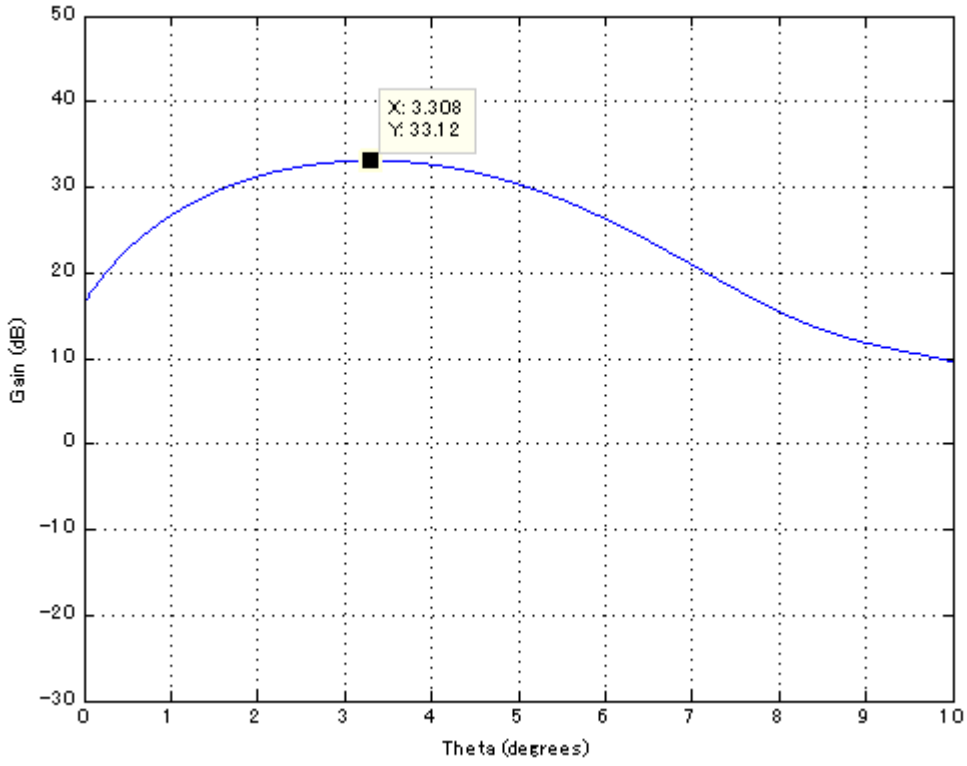
Performance degradation due to misalignment of feed



Φ = 21 λ

F = 0.3

without offset



Φ = 21 λ

F = 0.3

with offset feed

offset = 0.5 λ

Δ G = -0.2 dB