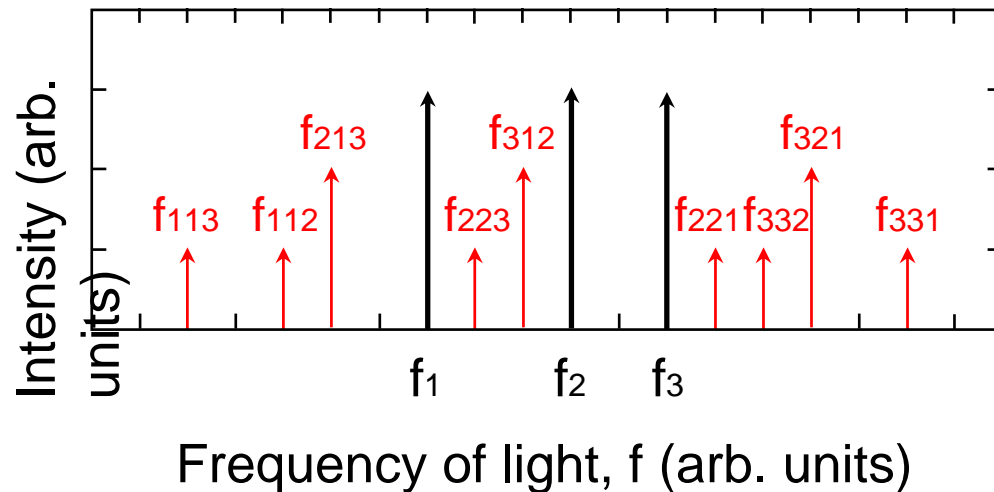


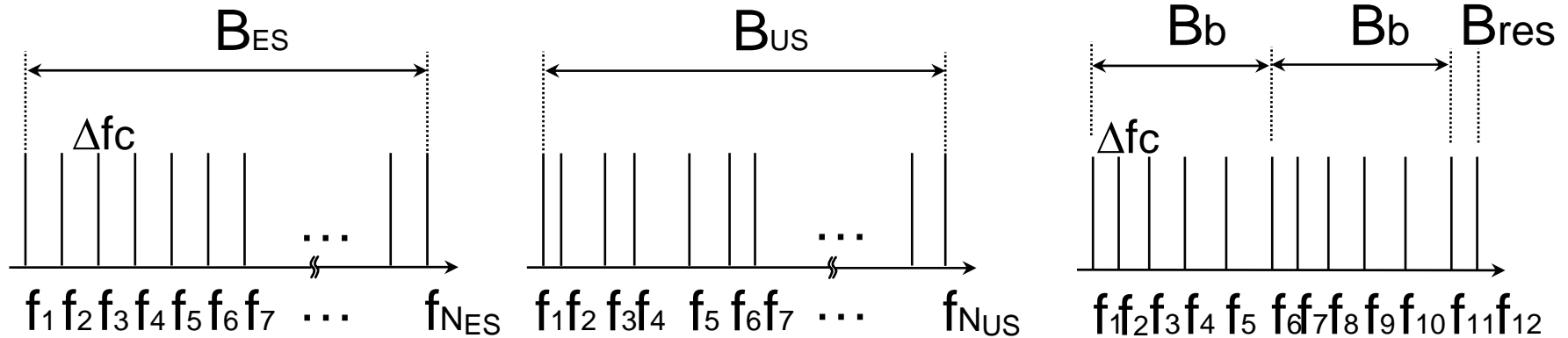
FDMシステムにおける 四光波混合による雑音



Signal: f_1, f_2, f_3

Noise: f_{ijk}

FDMシステムにおける信号配置

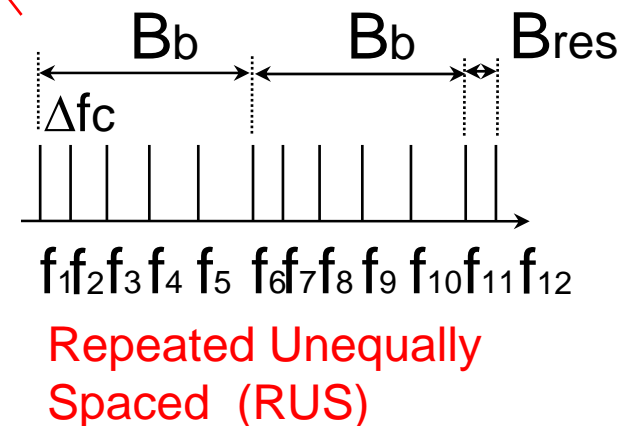
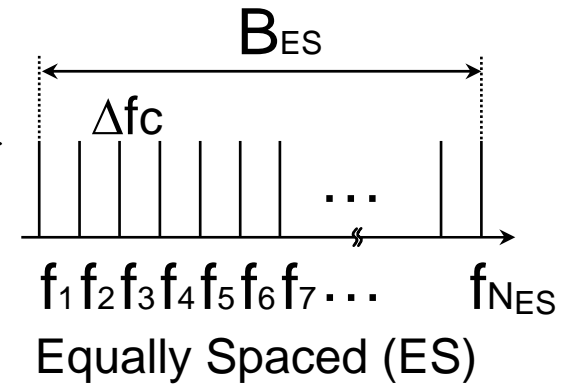
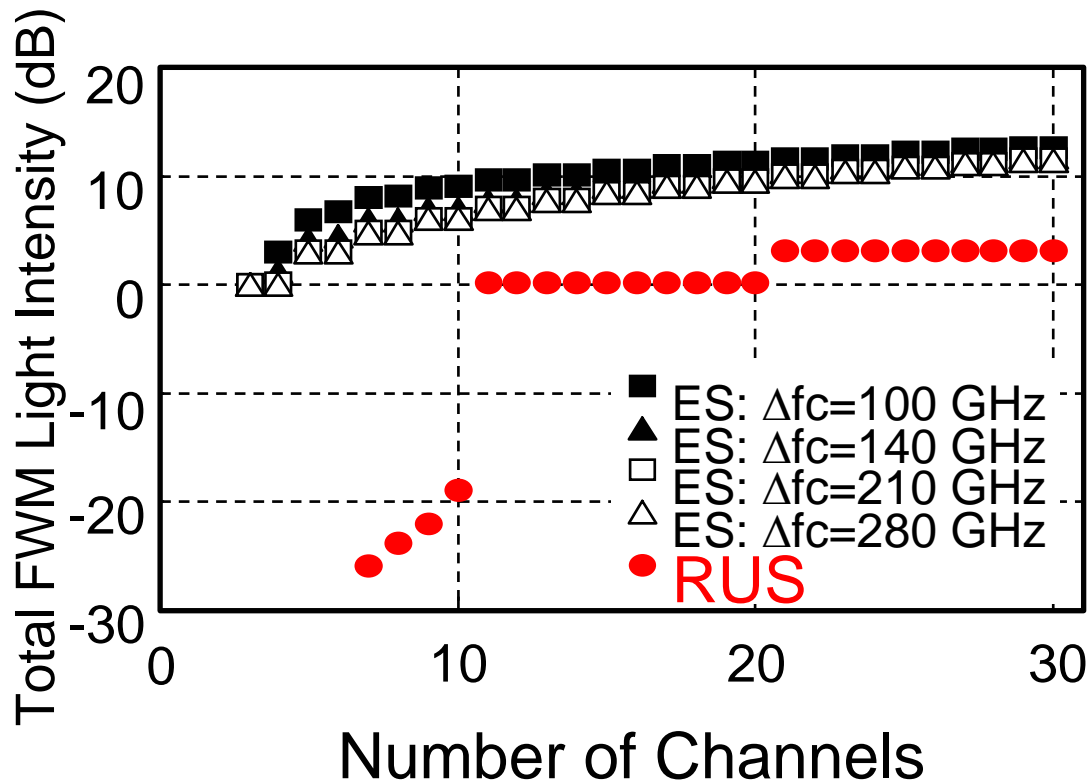


(a) Equally Spaced
(ES)

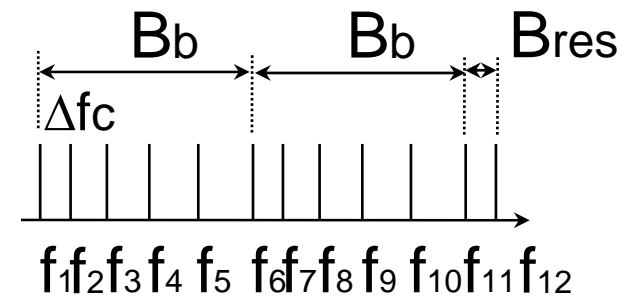
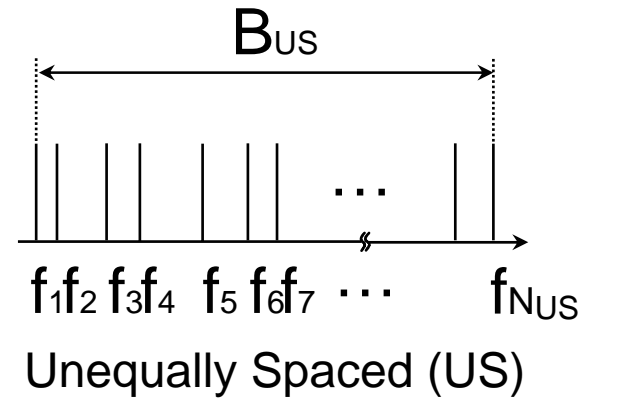
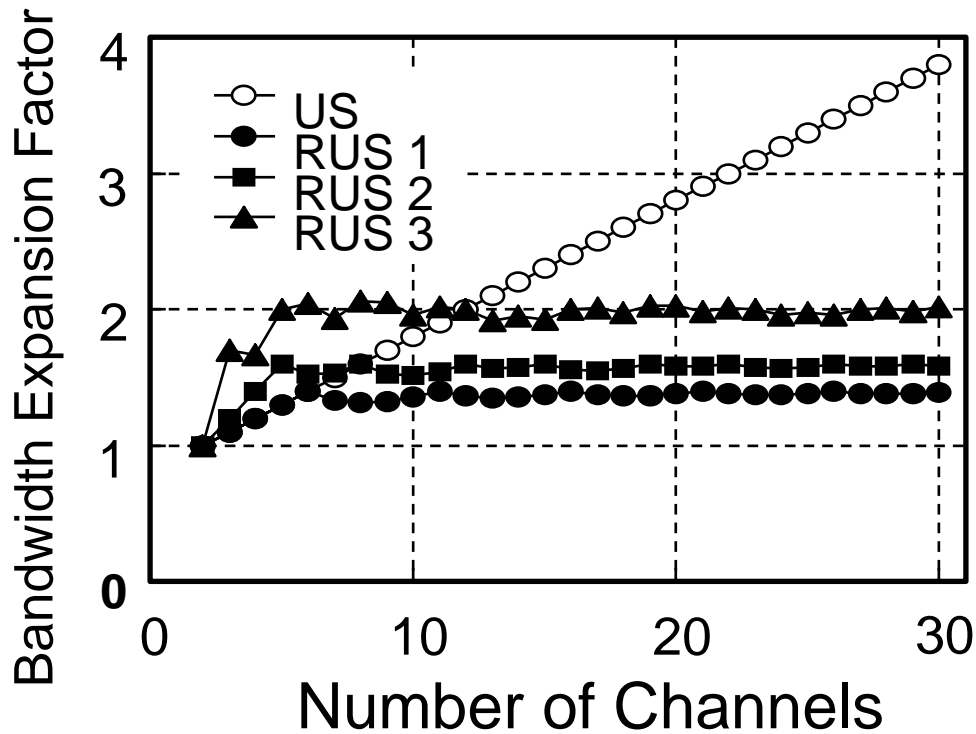
(b) Unequally Spaced
(US)

(c) Repeated Unequally
Spaced (RUS)

ESとRUSの比較－四光波混合 光の強度とチャンネル数

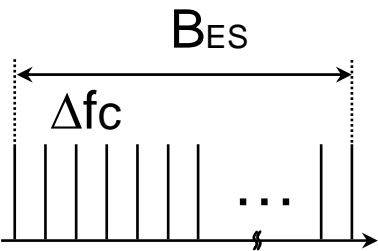
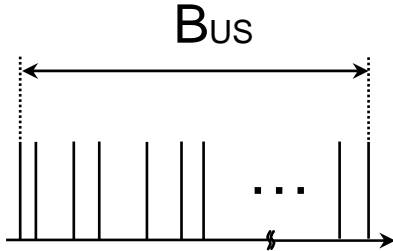
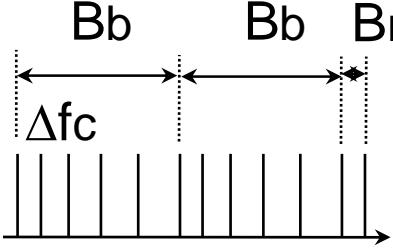


USとRUSの比較—周波数帯域 チャンネル数



Repeated Unequally Spaced (RUS)

FDMシステムのまとめ

<p>Configuration</p>	 <p>Frequency</p> <p>Equally Spaced (ES)</p>	 <p>Frequency</p> <p>Unequally Spaced (US)</p>	 <p>Frequency</p> <p>Repeated Unequally Spaced (RUS)</p>
<p>FWM Light Intensity</p>	<p>×</p>		
<p>Total Bandwidth</p>		<p>×</p>	