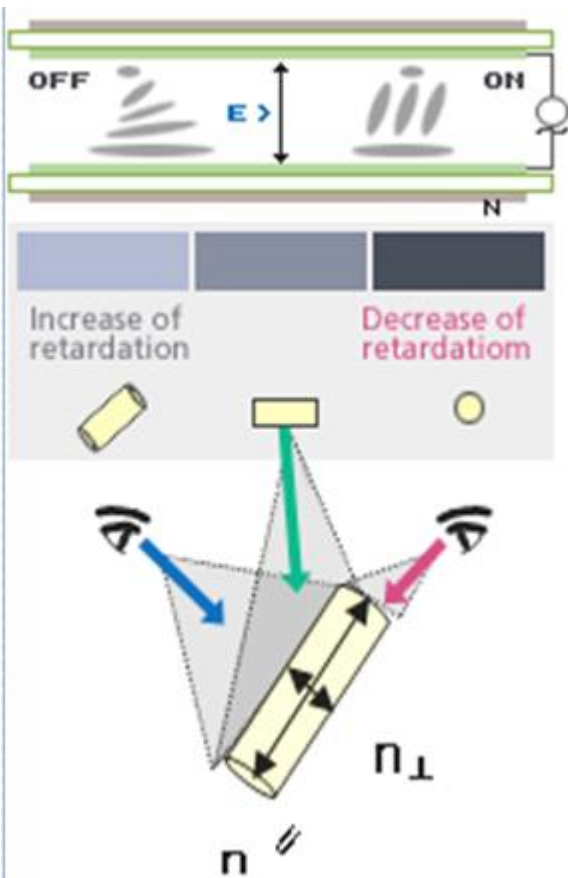
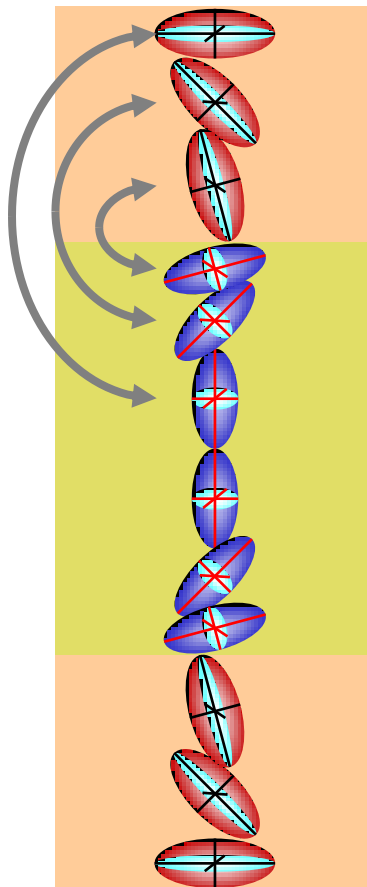


BOE ADS Technology

TN



TN + WV

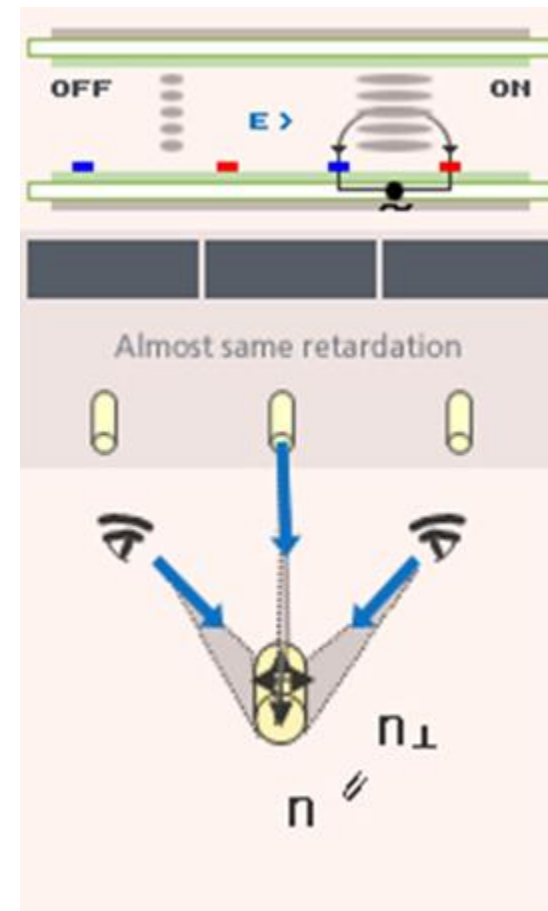


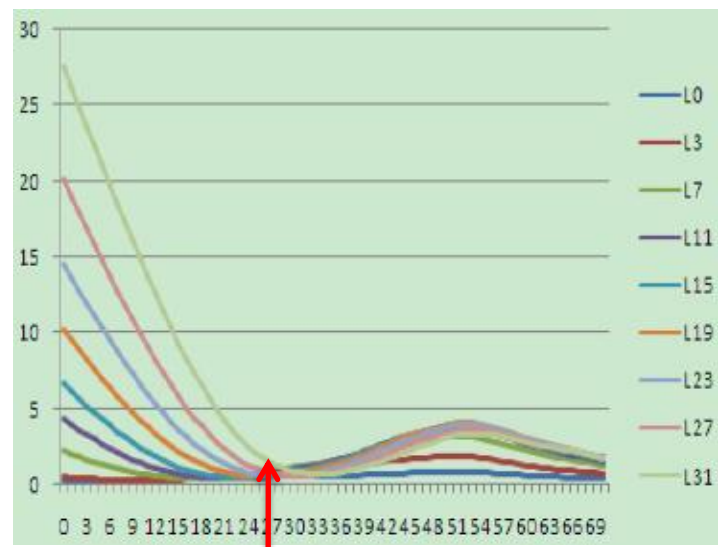
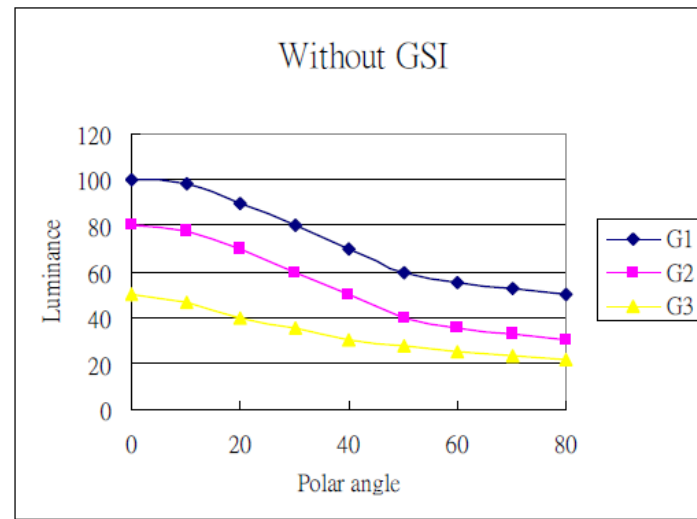
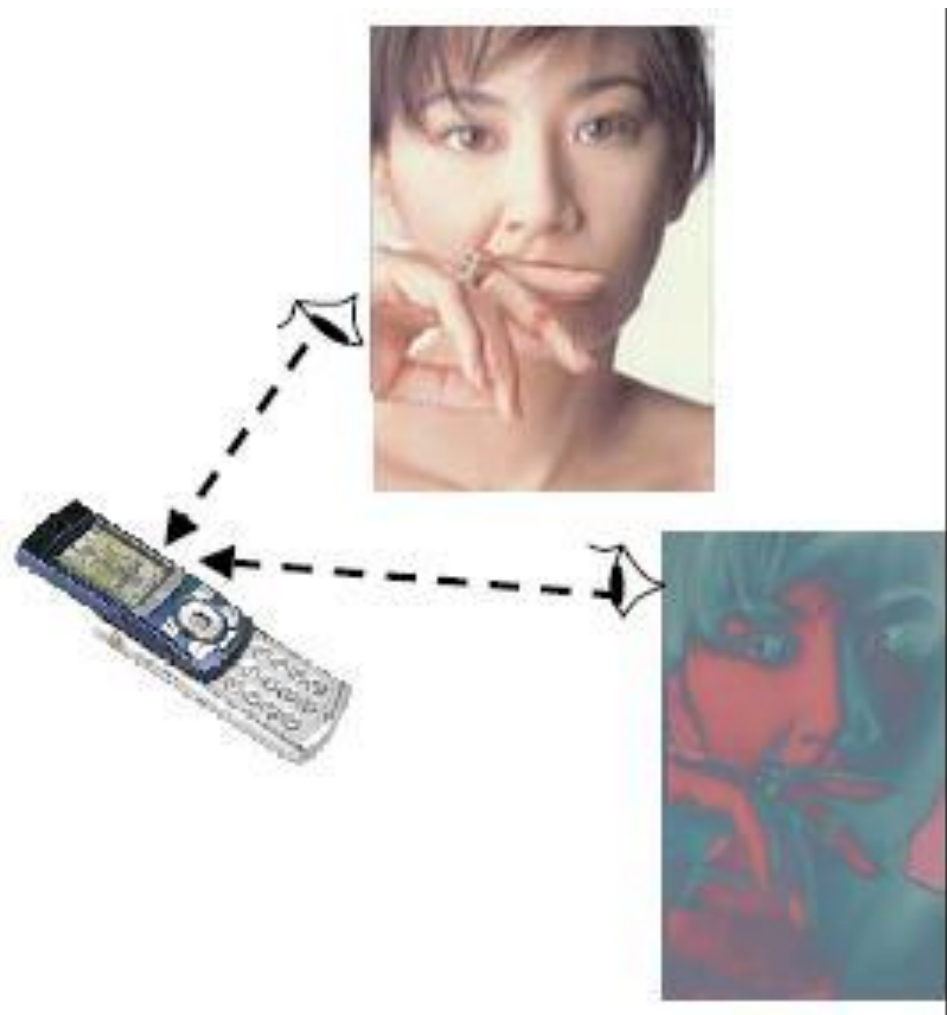
Compensation film

TN-LC cell

Compensation film

ADS





Gray Inversion

		☉	0	10	20	30	40	50	60
TN (3点视角)	3点								
	6点								
	9点								
	12点								

Gray Inversion

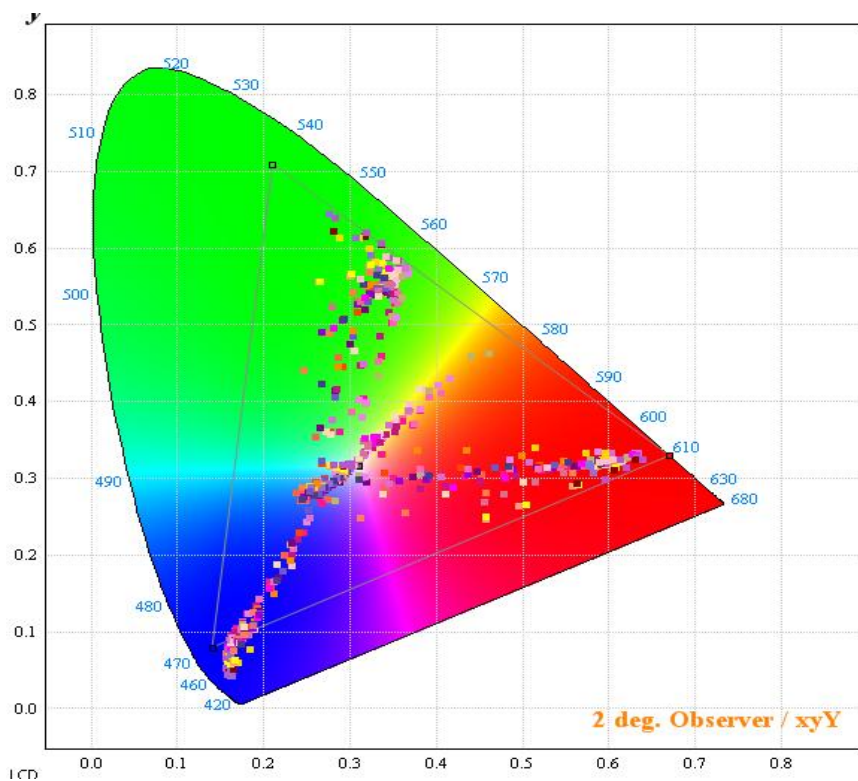
	⊙	0	10	20	30	40	50
TN+VV (3点视角)	3点						
	6点						
	9点						
	12点						



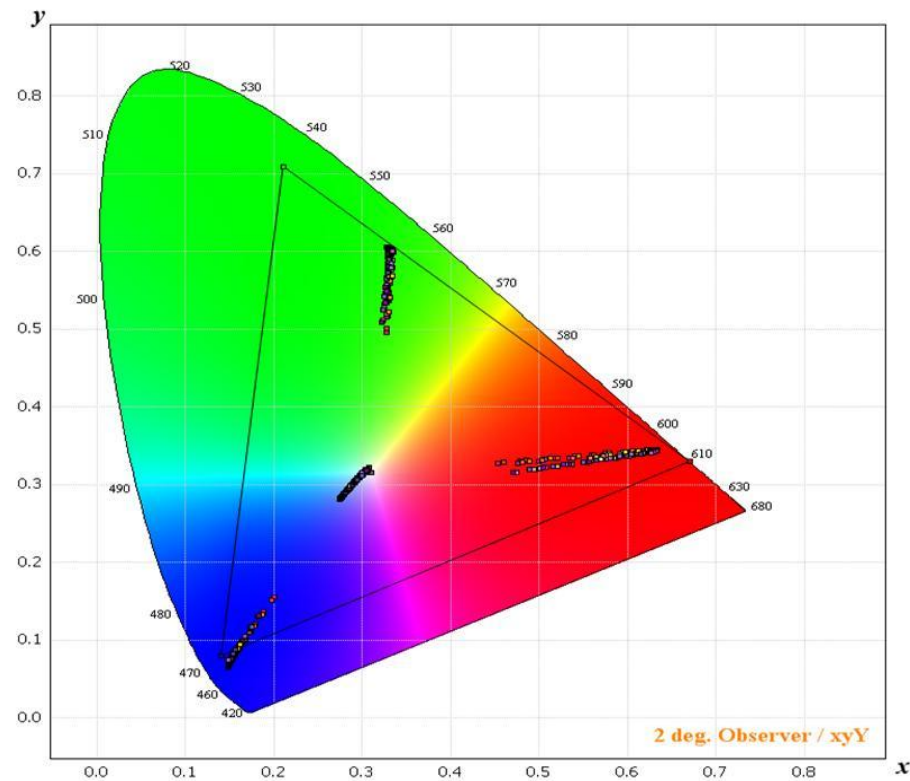
All View

Color Shift





TN



ADS



TN

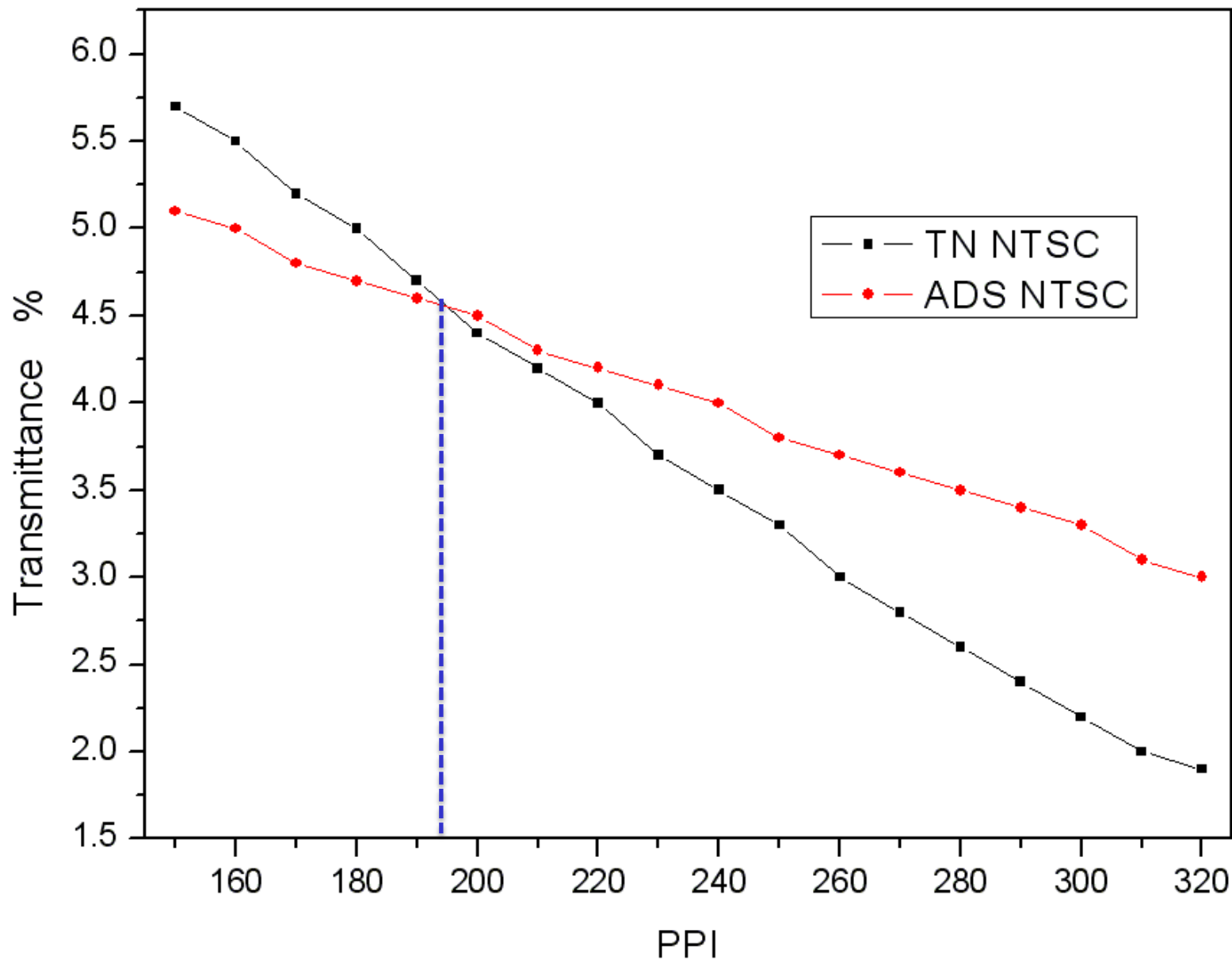
500:1

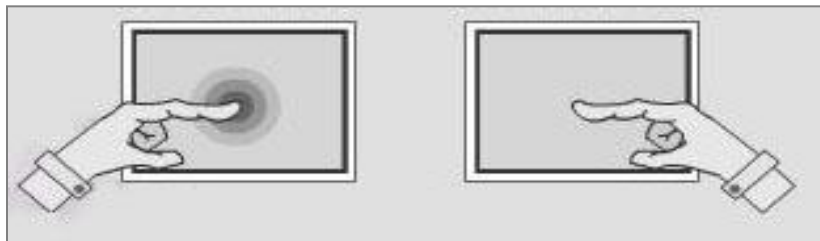


ADS

> 800:1

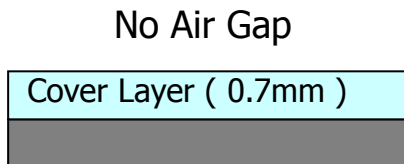
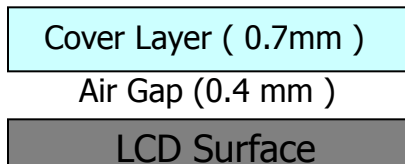
Item	Transmittance %	
	TN	ADS
	NTSC 60%	NTSC 60%
150	5.7	5.1
160	5.5	5.0
170	5.2	4.8
180	5.0	4.7
190	4.7	4.6
200	4.4	4.5
210	4.2	4.3
220	4.0	4.2
230	3.7	4.1
240	3.5	4.0
250	3.3	3.8
260	3.0	3.7
270	2.8	3.6
280	2.6	3.5
290	2.4	3.4
300	2.2	3.3
310	2.0	3.1
320	1.9	3.0





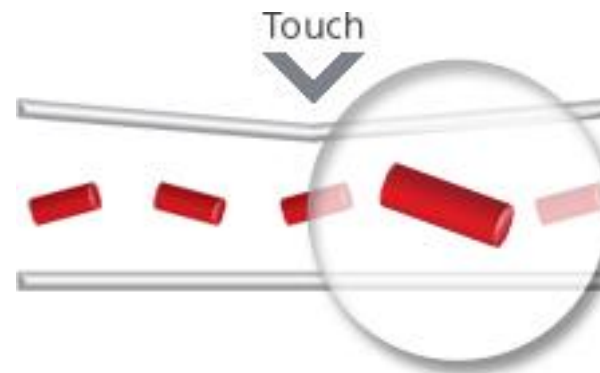
Normal Display

ADS Display



Parallax

Reduced Parallax



Black image

Static image

dynamic image



ADS

TN

ADS POL

0.135mm+0.135 mm

<

TN WV POL

0.215mm+0.215 mm

(Normal Type)

TN: 0.16 mm added

	TN+ WV Film	ADS
Contrast Ratio	500:1	800:1
View Angle(R/L/D/U)	70/70/70/60	80/80/80/80
Gray Inversion	Serious	free
Color Shift	Serious	free
High Resolution Limitation	<200PPI	Up to 300PPI
Transmittance	Low	High
Power Consumption	High	Low
Touch	Ripple	Ripple free
Thickness	Thick	Slim

- **ADS** (ADSDS的简称), 是高级超维场转换技术 (Advanced Super Dimension Switch)
- 是京东方自主创新的以宽视角技术为代表的核心技术统称。

超宽视角 (水平与垂直都可以显示180° 视野)



快速响应

ADS (G-to-G Motion Blur)

Others (G-to-G Motion Blur)



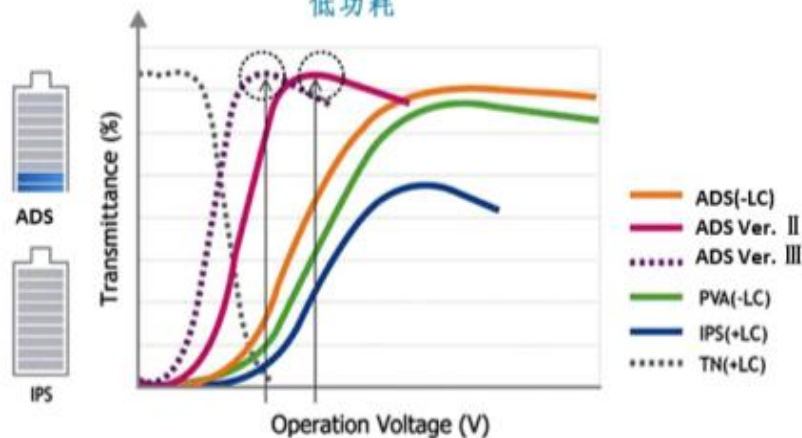
无色偏

ADS Technology

Normal TN



低功耗



触摸稳定

ADS Display

Normal Display

