

**Application Note** 

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**Cursor Value (what it is measuring)** 

## Benefits of using this application

This application describes value of the cursor as displayed when measuring with the AQ7275 OTDR

**Purpose/Description** 

This procedure provides detailed instructions on how to set the AQ7275 OTDR to display the cursor value and describe what the cursor value means.

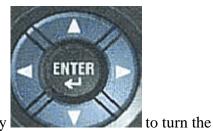
007/07/19 08:58 Mc 5dB/diy File Na	le : Detail Average 00:04 TPA Display Setup		Fine 💼 =AC=	MENU	MENU	
43.953dB Lab		Line Dot:	Setup			
	Cursor	CROSS(+) Line(		F1		
	Grid	OFF ON	Detail		SCALE	
	Ghost Cursor	OFF ON	Meas			
	Approx. Line Overview	OFF ON	Setup	F 2		
	Marker Info.	OFF ON		S CONTRACTOR	A	
	Show Hints		Analysis Setup	F 3	- ENTER	
	Cursor value					
	dB Decimal	**.***	Display			
	Distance Decimal	**.****	Setup	F 4		
	Screen Color	Color 1			SETUP	
0.05339km)	Event Auto Zoom	OFF ON	System	F 5		
Cursor : 1.535			Setup		REAL	
avelength : SM ist. Range : Auto 2	Display Order	File Name Time			REAL AV	
ulse Width : Auto 100	Disp. Contents	File Name		ESC	Contraction of the second second	



In order to turn on the Cursor value display select the SETUP button

Note: The OTDR must be in either Detail or Multi WL mode in order to see and/or change the following options.

Then select the Display Setup soft key.

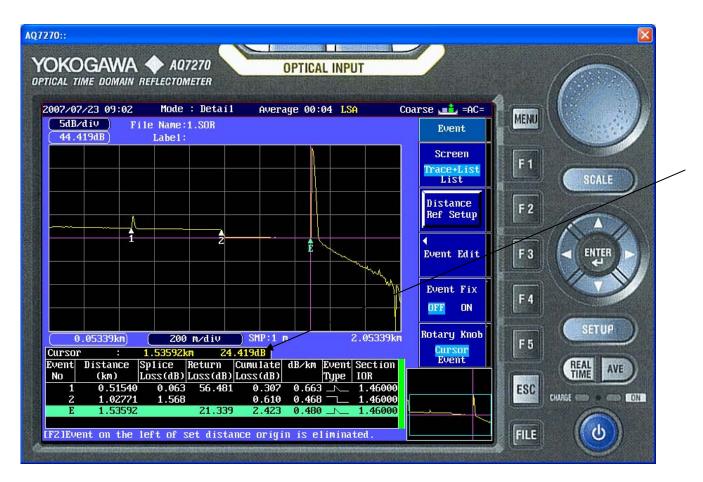


Display Setup

You can then use the arrow and enter key

Cursor value OFF ON

Cursor value ON



The Cursor value displays the level in dB that the signal is above the noise floor of the optical port you are connected to. The noise floor is basically the Dynamic range. This lets you know if you are approaching the maximum distance that you can test with the OTDR. As the cursor value approaches zero the OTDR is nearing its maximum measurable distance due to the condition of the fiber optic cable.



