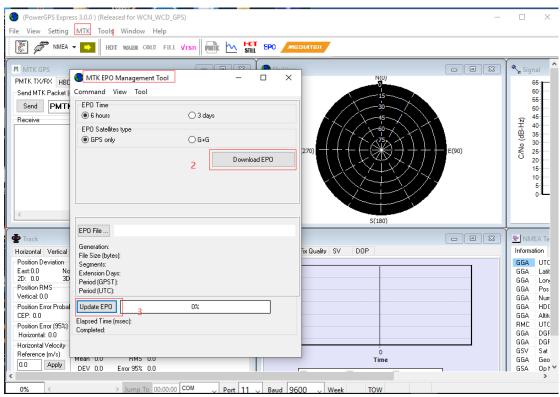
Related commands please refer to protocol document: \$PMTK127\*36 // Clear Flash EPO. \$PMTK607\*33 // Inquiry Flash EPO status.

Flash EPO TTFF Testing Procedure:

1,

Run PowerGPS as administrator > MTK > EPO Management Tool > Download EPO > Update EPO.



1-1,

\$PMTK607\*33 // Inquiry Flash EPO status, make sure EPO is successfully downloaded.

2,

MTK > Static TTFF Testing > Set Reference Point > AGPS Agent: only select "System time aiding".

(PowerGPS Express 3.0.0) (Released for WCN_WCD_GPS)		
File View Setting MTK Topls Window Help		
The MEA HOT WARE COLD FULL VISIN		
M MTK GPS         Automatic TTFF Testing         2         -         ×           PMTK TX/RX         Imatian Type         O HOT         O WARM         COLD         FULL           Send MTK Pac         Imatian Times of Tests         Im		Signal 65 60 55 50
Receive         Run         Stop         Result Chart         Config         Set Reference Point         Hot Start TTFF           Ref. Lat         Ref. Lon         Current Lat         Current Lon         2D Error(m)         3D Error(m)         UTC Time         Fix Mode		(ZH-BP) 0N/C
Options  INF General System Data Log Maintenance Autosave Picture Replay GPS Se Lose  Min Reference Location MTK Chip Device AGPS Agent Internal Invalid Log Max 900  System time aiding 5  Sector Provide AGPS Agent A	E(90)	V 25 20 15 10 5 0
Track         2 or         Latitude(deg)         31.822203         Longitude(deg)         117.115547         Altitude(m)         84.90           Track         2 or         Location age (sec)         0	890	■ NMEA Informatic
2D: 0.0         Min         QBD EPO aiding            Position RMS         Mex             Vertical: 0.0         Max             Position Entrof         503             CEP: 0.0         672		GGA   GGA   GGA   GGA   GGA   GGA /
Position Eror (\$ 902           Horizontal 0.0         95%           Horizontal Velo         93%           Reference (m/         93,7           0.0         Apr           20 (§ 7.73%)		RMC   GGA   GGA   GSV ! GGA   GSA



- · · -	3.0.0) (Released for WCN_WCD_GPS) MTK Tools Window Help HOT WARN COLD FULL VISIN IN THE COL	
M MTK GPS PMTK TX/RX HBD Send MTK Packet (only Send PMTK Receive	Automatic TTFF Testing         -         ×           Restart Type         2         -         ×           Image: Hot of Tests         Image: Hot of Tests         -         1mm           Image:	E(90)
<	INF0         TT1           Current         ○         2D 10km         ○         2D 10km           Min         ○         2D 600m         ○         2D 600m         ○         After Restart Message           Max         ○         2D 100m         ○         2D 100m         ○         After Restart Command           90%         ○         0 100m         ○         2D 50m         ○         After Restart CMD           90%         ○         0 50m         ○         3D 50m         ○         After Restart Message         □           90%         ○         0 50m         ○         D 50m         ○         After Restart CMD           90%         ○         0 50m         ○         D 50m         ○         D 0           95%         ○         D 50m         ○         D 0         D 0         D 0           20 (96, 45%         ○         O ynamic         ○         TT4GNSS         ○         O	
Position Deviation East:0.0 North: 2D: 0.0 3D: Position RMS Vertical: 0.0 2D: Position Error Probable CEP: 0.0 SEI Position Error (95%) Horizontal: 0.0 V Horizontal Velocity Reference (m/s) M	2D-         TTFF         Waiting time before next TTFF test         Waiting Mode         Image: Waiting Time (Sec)         Image: Wai	
0.0 Apply Compute prfm	σ (68.27%)       2σ (95.45%)       3σ (97.73%)       > Ju	

- 3, \$PMTK869,1,0\*34 // Disable EASY.
- 4, Run 10 times cold start > calculate the average TTFF.

(PowerGPS Express 3	.0.0 ) (Released for WCN_WCD_GPS)	
File View Setting N	MTK Tools Window Help	
MEA 🗸	HOT WARE COLD FULL VISIN INTE K	
PMTK TX/RX HBD Send MTK Packet (only	Number of Tests	
Send PMTK Receive	1     4     10     20     100     1000     Define       Run     Stop     Result Chart     Config     Set Reference Point     Cold Restart TTFF       Ref. Lat     Ref     TTFF Configuration     5     X       General     Misc     X	- E(90)
<	INF0         TTI           Current         2D 10kmy           Min         2D 10kmy           Mean         2D 10km           Max         2D 100m           3D 100m         3D 100m           95%         2D 50m           σ (68.27%)         3D 50m           2σ (95.45%)         Dynamic           3σ (97.73%)         TT4GNSS	
Position Deviation East:0.0 North: 2D: 0.0 3D: Position RMS Vertical: 0.0 2D:	Tests  Min  Hot Bestart Waiting Time [Sec]  Hot Bestart Waiting Time [Sec]	
Position Error Probable   CEP: 0.0 SEF Position Error (95%) Horizontal: 0.0 V Horizontal Velocity Reference (m/s) 0.0 Apply M	67%         Warm/Cold Restart Waiting Time [Sec]           90%         95%           95%         Random Delay[0 ~ 29]           93%         Fixed Delay           768.27%         Fixed Delay	
Compute prfm	20 (95.45%) 30 (97.73%) > Ju	