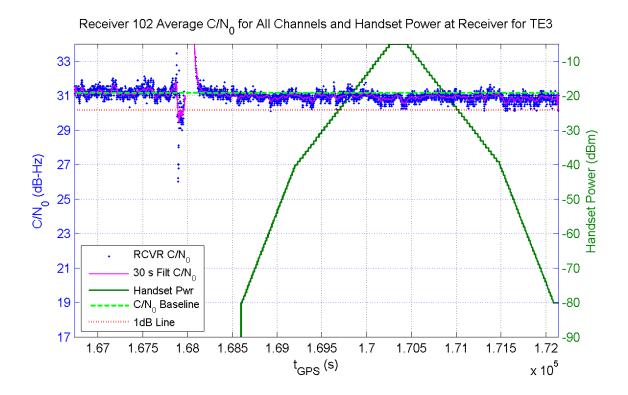
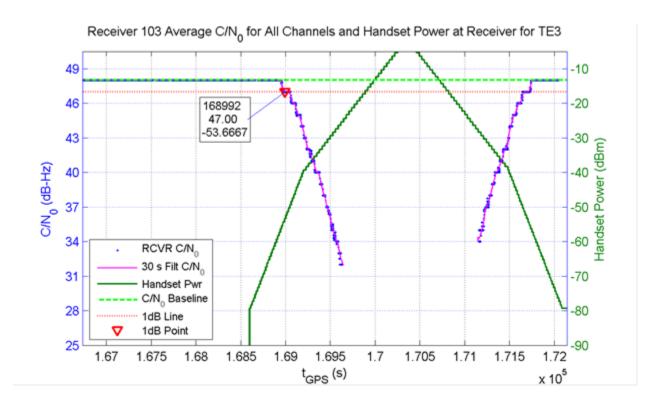
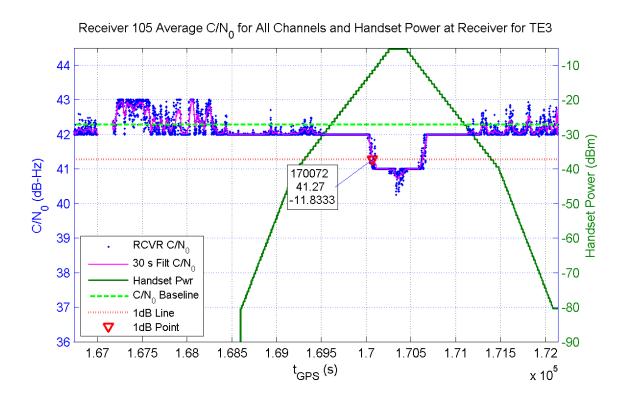
## Appendix D.2 DETAILED RESULTS TE3, TE4, AND TE12/13

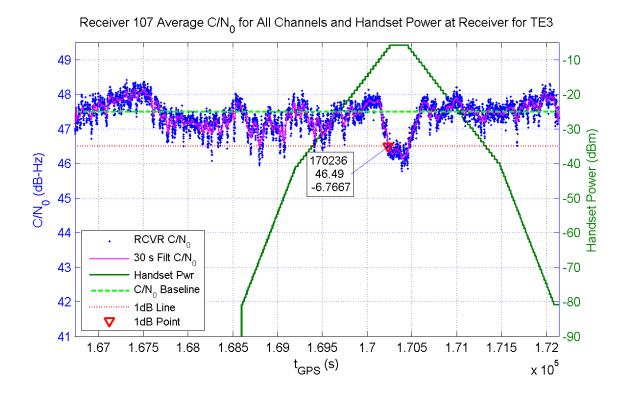
The plots included in this appendix provide graphic results for TE3, TE4, and TE12/13 which were described in detail in the main document. Plots for TE3 and TE4 are shown separately, though the plots for TE12 and TE13 were combined to show both tests on one plot. The plots are provided in receiver order number.

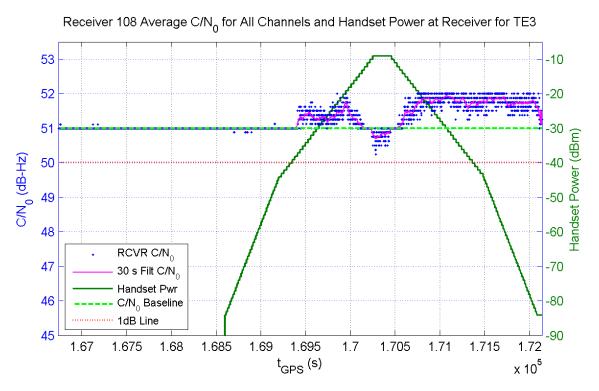
## **RESULTS FOR TE3**



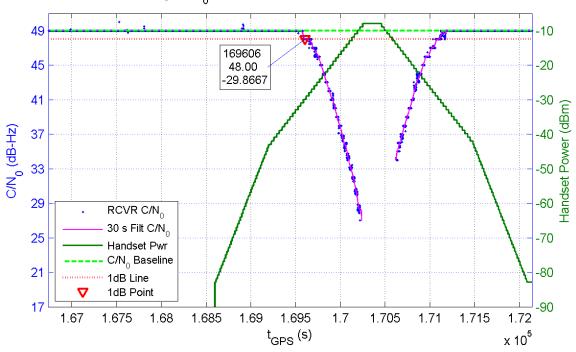




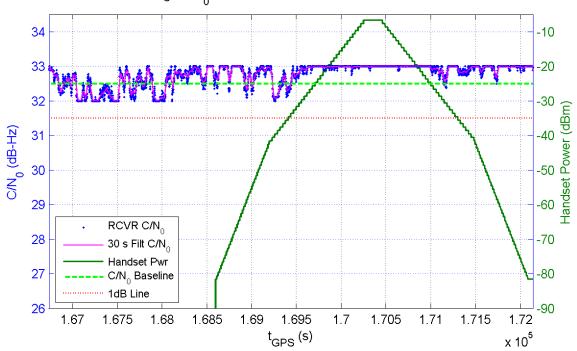


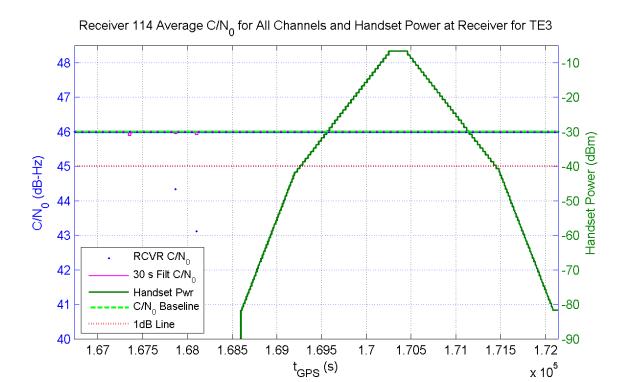


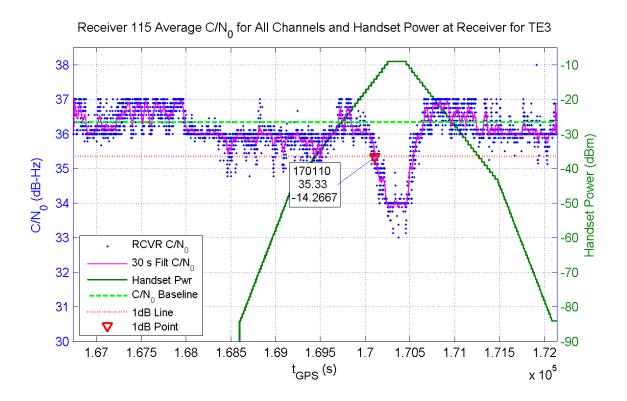


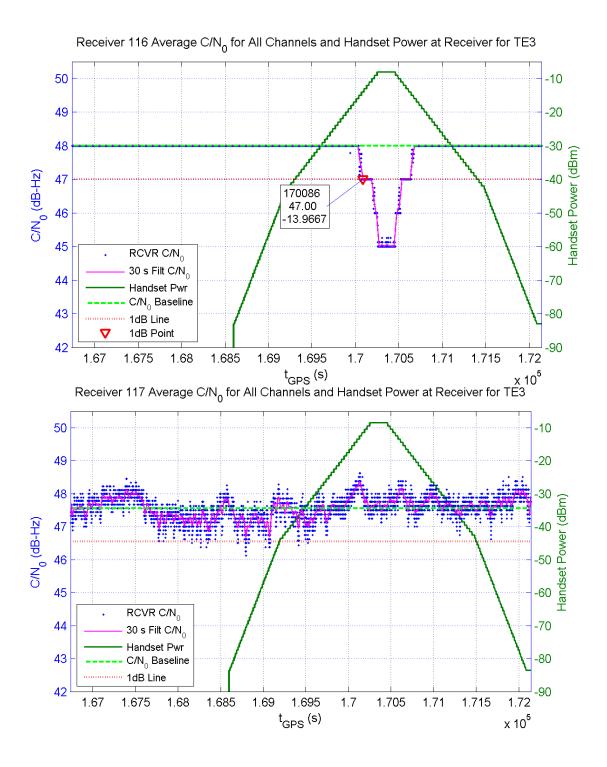


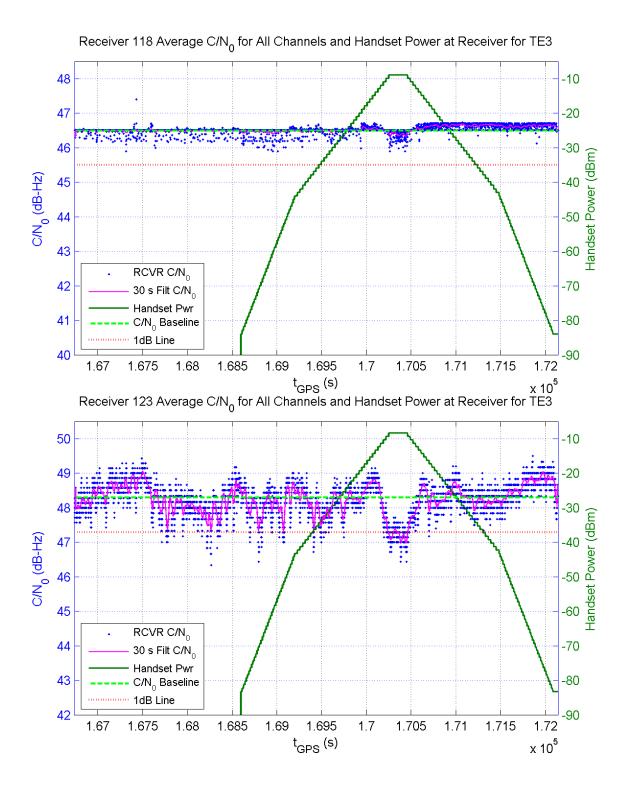
## Receiver 110 Average $\mathrm{C/N}_0$ for All Channels and Handset Power at Receiver for TE3



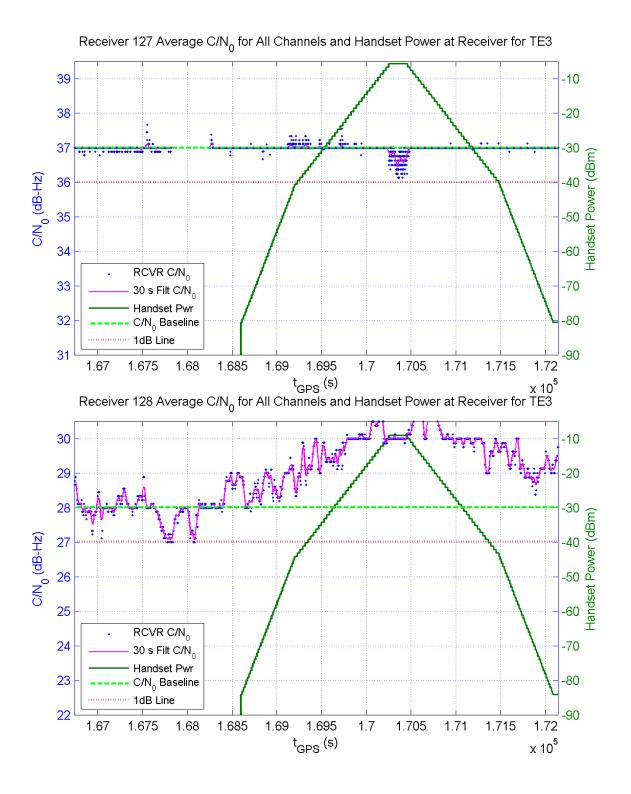


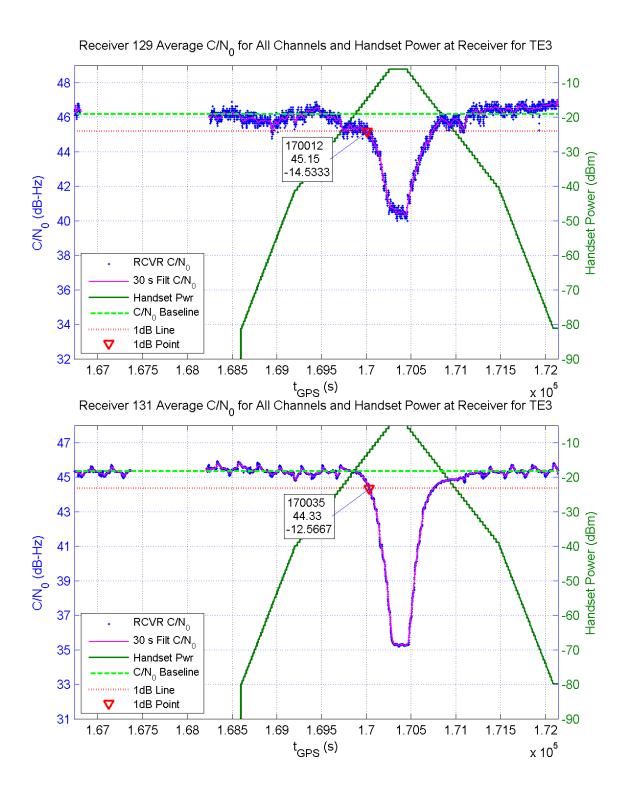


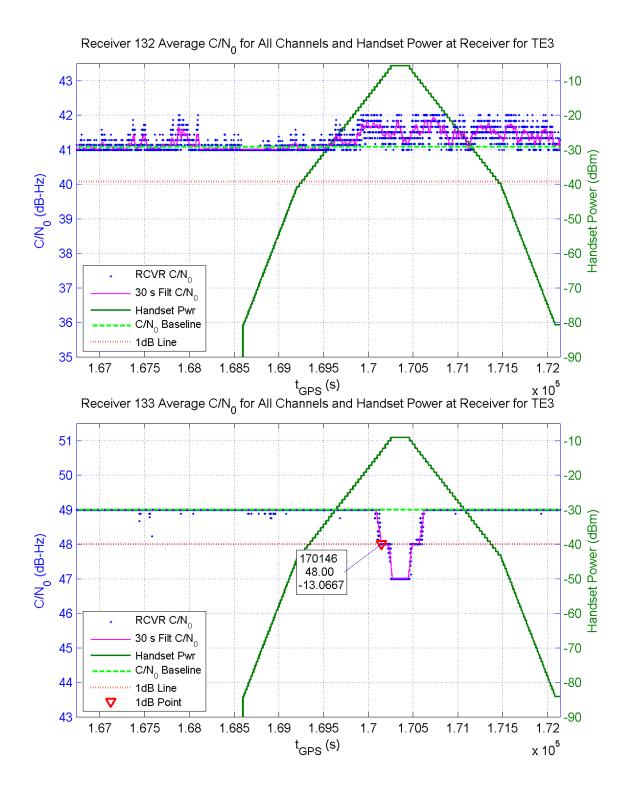


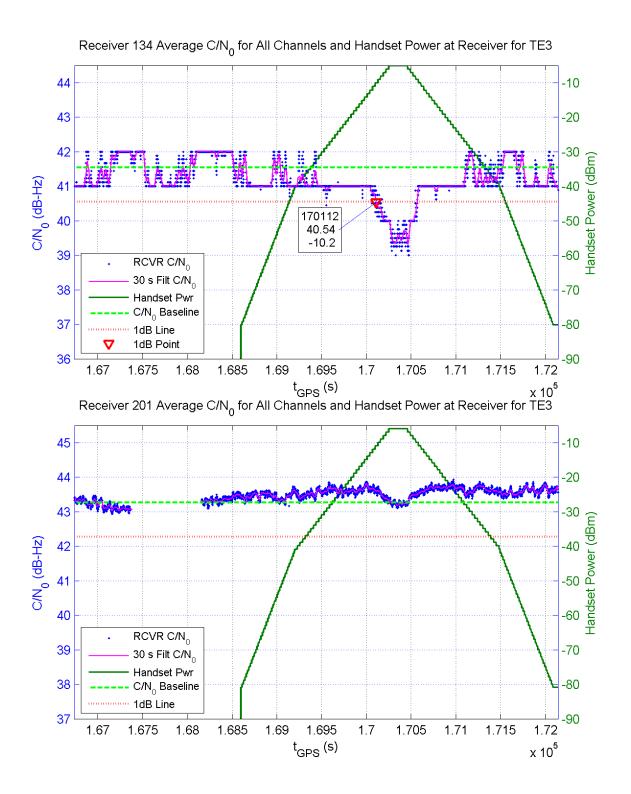


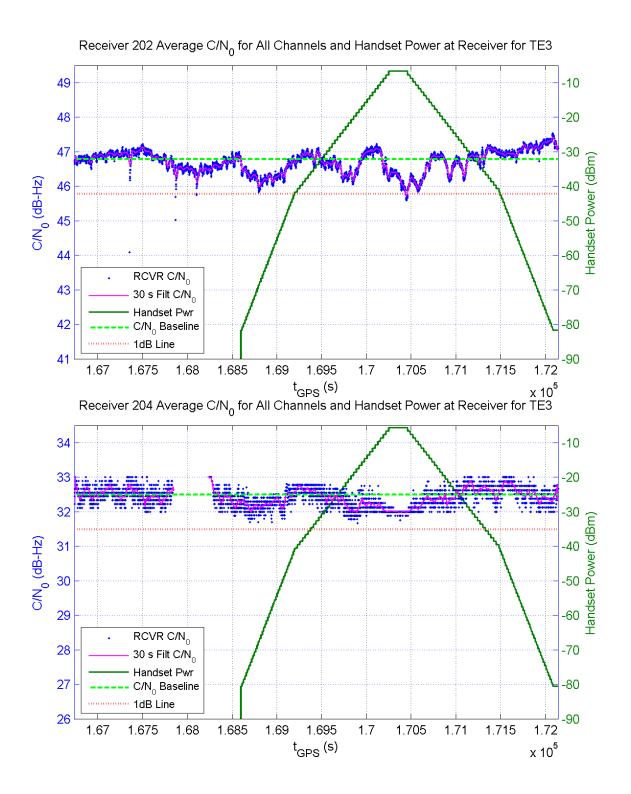
Receiver 124 Average  $\mathrm{C/N}_0$  for All Channels and Handset Power at Receiver for TE3 47 -10 46 -20 45 -30 Handset Power (dBm) C/N<sub>0</sub> (dB-Hz) 44 170207 44.00 -50 43 10.4333 42 -60 RCVR C/N<sub>0</sub> 30 s Filt C/N<sub>0</sub> -70 41 Handset Pwr C/N<sub>0</sub> Baseline 40 -80 1dB Line 1dB Point 39 1.675 1.68 1.69 1.695 1.705 1.67 1.685 1.7 1.71 1.715 1.72 t<sub>GPS</sub> (s) Receiver 125 Average C/N<sub>0</sub> for All Channels and Handset Power at Receiver for TE3 45 -10 -20 44 43 -30 9 6 6 6 Handset Power (dBm) C/N<sub>0</sub> (dB-Hz) 42 170213 42.00 -6.0333 41 40 RCVR C/N 30 s Filt C/N<sub>0</sub> -70 39 Handset Pwr C/N<sub>0</sub> Baseline 38 -80 1dB Line 1dB Point 37 -90 1.69 1.695 1.705 1.71 1.72 1.675 1.68 1.685 1.7 1.715 t<sub>GPS</sub> (s) x 10<sup>5</sup>

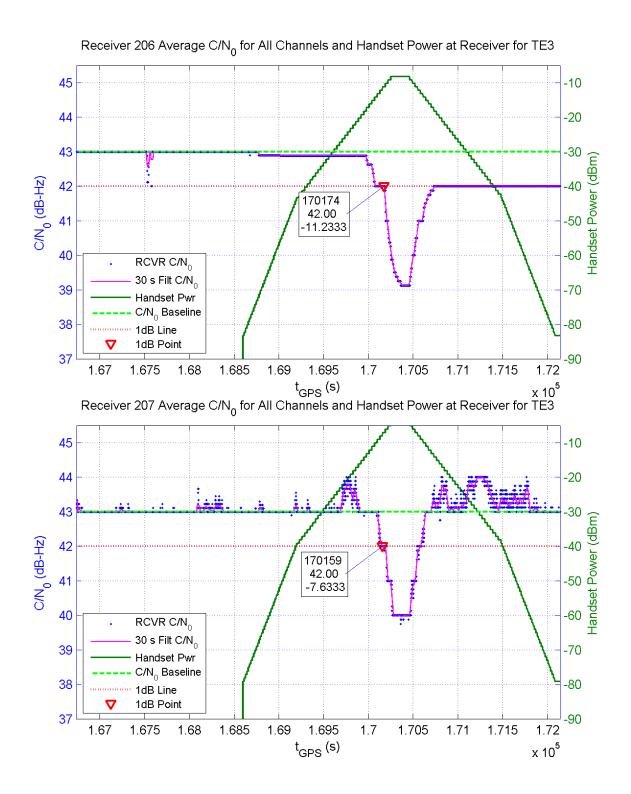


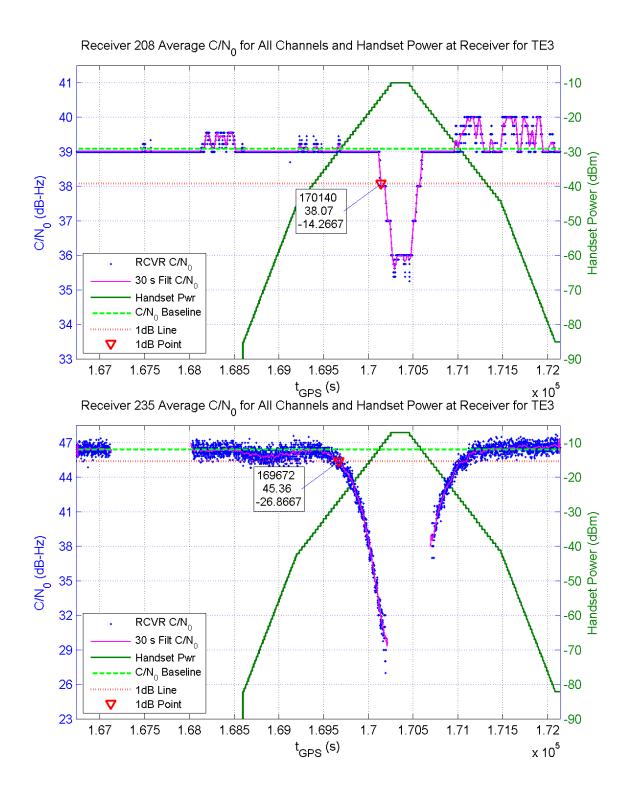






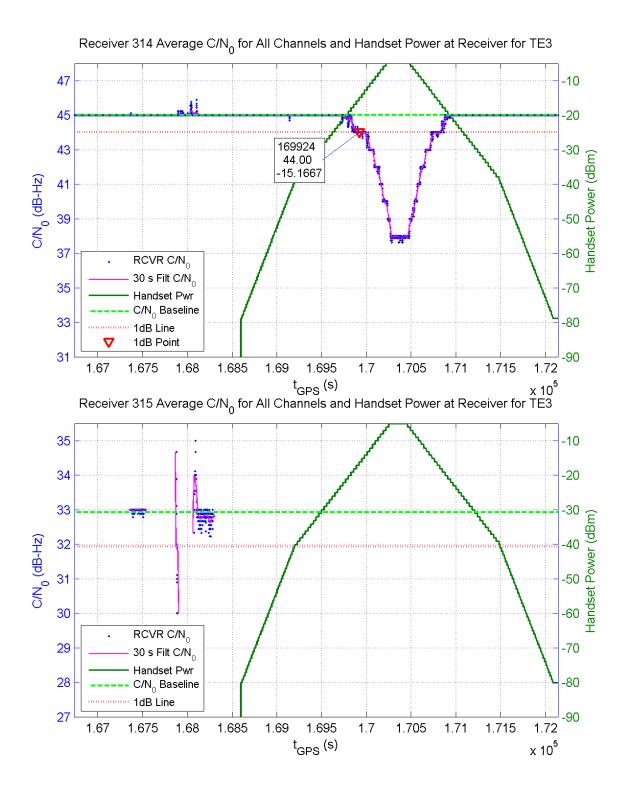




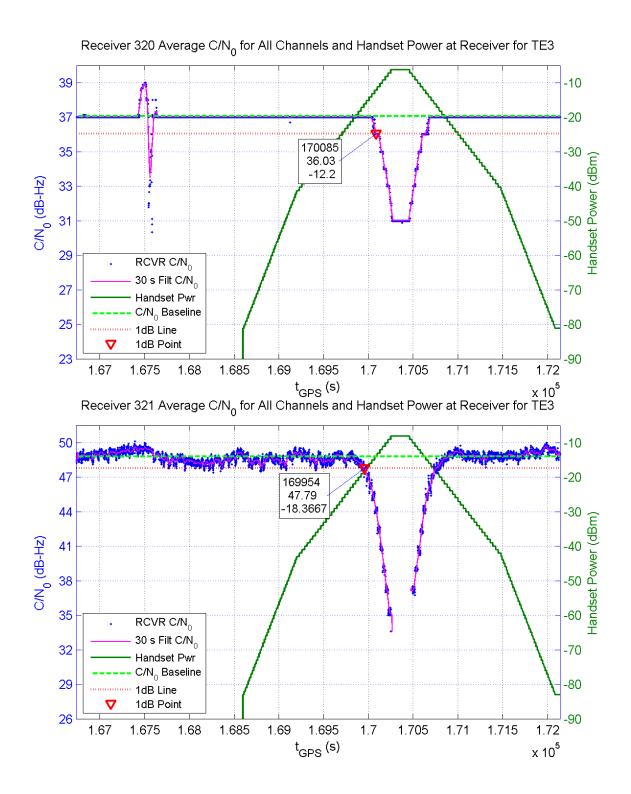


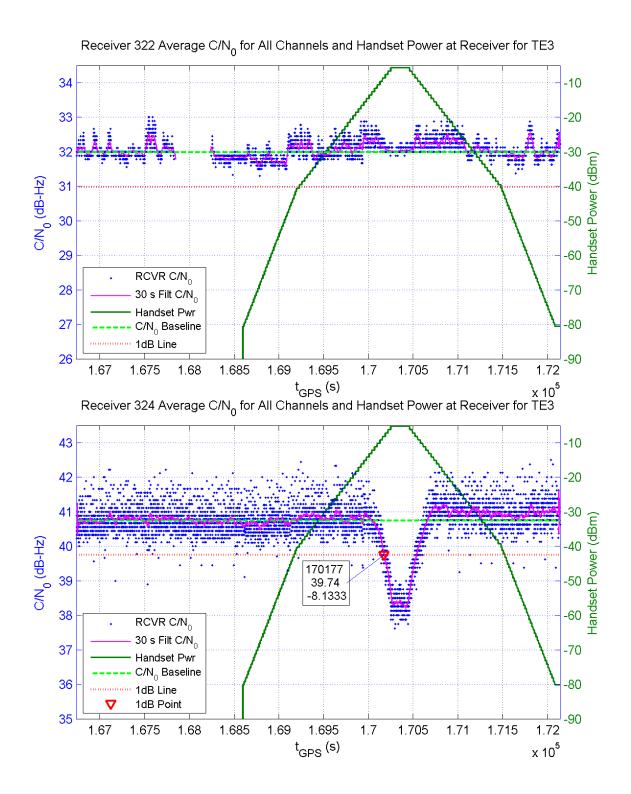
Receiver 247 Average  $\mathrm{C/N}_0$  for All Channels and Handset Power at Receiver for TE3 -10 44 169648 40 -20 42.69 -27.6667 36 -30 Handset Power (dBm)  $C/N_0$  (dB-Hz) 32 -50 28 -60 24 RCVR C/N<sub>0</sub> 30 s Filt C/N<sub>0</sub> -70 20 Handset Pwr C/N<sub>0</sub> Baseline 16 -80 1dB Line 1dB Point 12 1.675 1.68 1.685 1.69 1.695 1.7 1.705 1.71 1.67 1.715 1.72  $\rm t_{GPS}$  (s)  $\rm \times~10^5$  Receiver 248 Average C/N  $_0$  for All Channels and Handset Power at Receiver for TE3 51 -10 -20 50 49 -30 9 6 6 6 Handset Power (dBm) C/N<sub>0</sub> (dB-Hz) 48 170106 48.00 47 -14.3 46 RCVR C/N<sub>0</sub> 30 s Filt C/N<sub>0</sub> -70 45 Handset Pwr C/N<sub>0</sub> Baseline -80 44 1dB Line 1dB Point 43 1.68 1.685 1.69 1.695 1.705 1.71 1.715 1.72 1.675 1.7 x 10<sup>5</sup> t<sub>GPS</sub> (s)

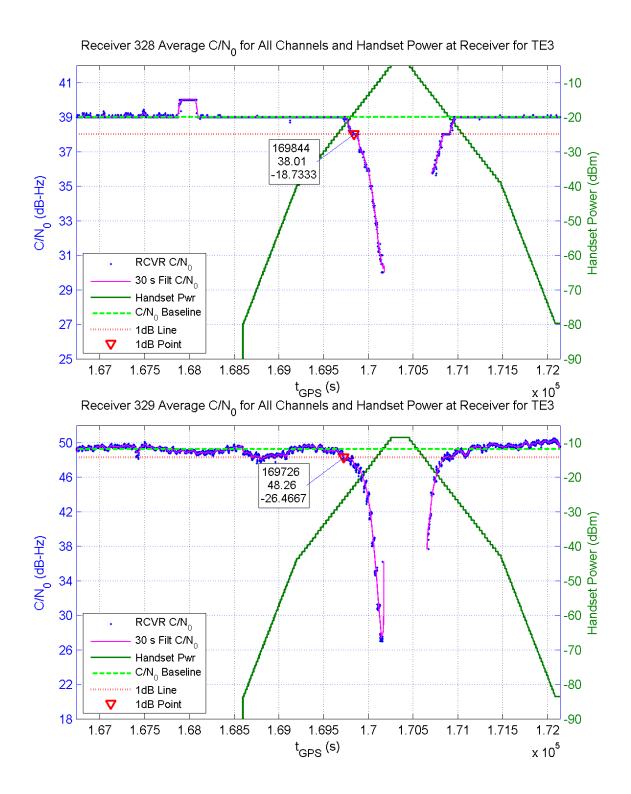
Receiver 249 Average  $\mathrm{C/N}_0$  for All Channels and Handset Power at Receiver for TE3 45 -10 43 -20 170006 43.00 -15.4333 41 -30 Handset Power (dBm)  $C/N_0$  (dB-Hz) 39 -50 37 -60 35 RCVR C/N<sub>0</sub> 30 s Filt C/N<sub>0</sub> -70 33 Handset Pwr C/N<sub>0</sub> Baseline 31 -80 1dB Line 1dB Point 29 1.675 1.68 1.685 1.69 1.695 1.7 1.705 1.71 1.67 1.715 t<sub>GPS</sub> (s) Receiver 313 Average C/N<sub>0</sub> for All Channels and Handset Power at Receiver for TE3 36 -10 34 -20 169628 33.99 32 -30 9 6 6 6 Handset Power (dBm) -28.9333 C/N<sub>0</sub> (dB-Hz) 30 28 26 RCVR C/N 30 s Filt C/N -70 24 Handset Pwr C/N<sub>0</sub> Baseline -80 22 1dB Line 1dB Point 20 1.68 1.685 1.69 1.695 1.705 1.71 1.715 1.675 1.7 1.72 x 10<sup>5</sup> t<sub>GPS</sub> (s)

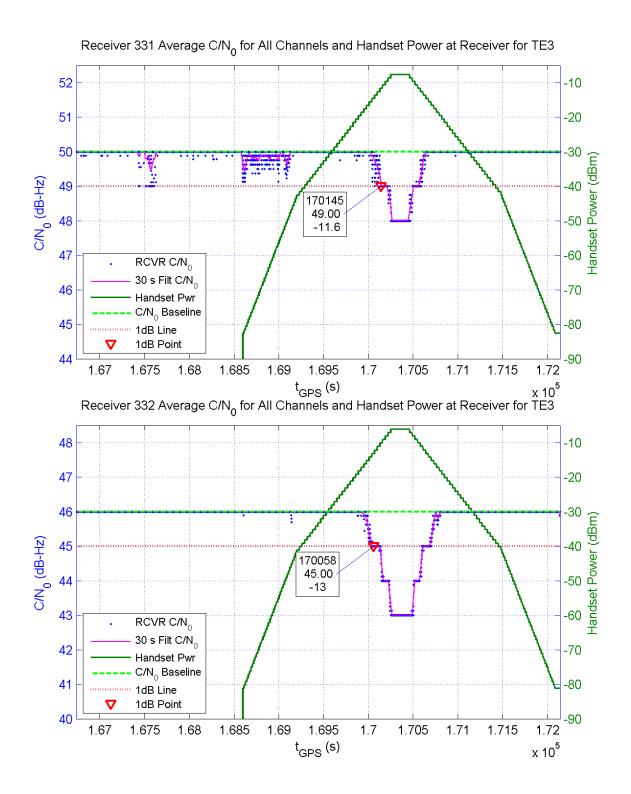


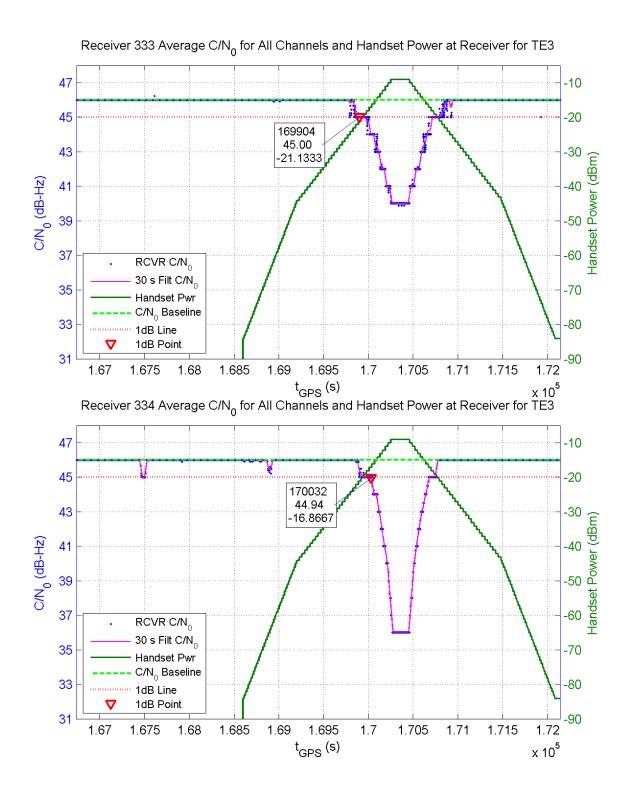
Receiver 316 Average  $\mathrm{C/N}_0$  for All Channels and Handset Power at Receiver for TE3 44 -10 -20 41 169952 42.07 -20.6333 38 -30 Handset Power (dBm)  $C/N_0$  (dB-Hz) 35 -50 32 29 -60 RCVR C/N<sub>0</sub> 30 s Filt  $\mathrm{C/N}_0$ -70 26 Handset Pwr C/N<sub>0</sub> Baseline 23 -80 1dB Line 1dB Point 20 -90 1.675 1.68 1.695 1.705 1.67 1.685 1.69 1.7 1.71 1.715 1.72  $\rm t_{GPS}$  (s)  $\rm x~10^5$  Receiver 319 Average C/N $_0$  for All Channels and Handset Power at Receiver for TE3 47 -10 -20 46 45 -30 9 6 6 6 Handset Power (dBm) C/N<sub>0</sub> (dB-Hz) 44 43 42 RCVR C/N -70 41 30 s Filt C/N<sub>0</sub> Handset Pwr 40 -80 C/N<sub>0</sub> Baseline 1dB Line 39 1.68 1.685 1.69 1.695 1.705 1.71 1.715 1.675 1.7 1.72 t<sub>GPS</sub> (s) x 10<sup>5</sup>

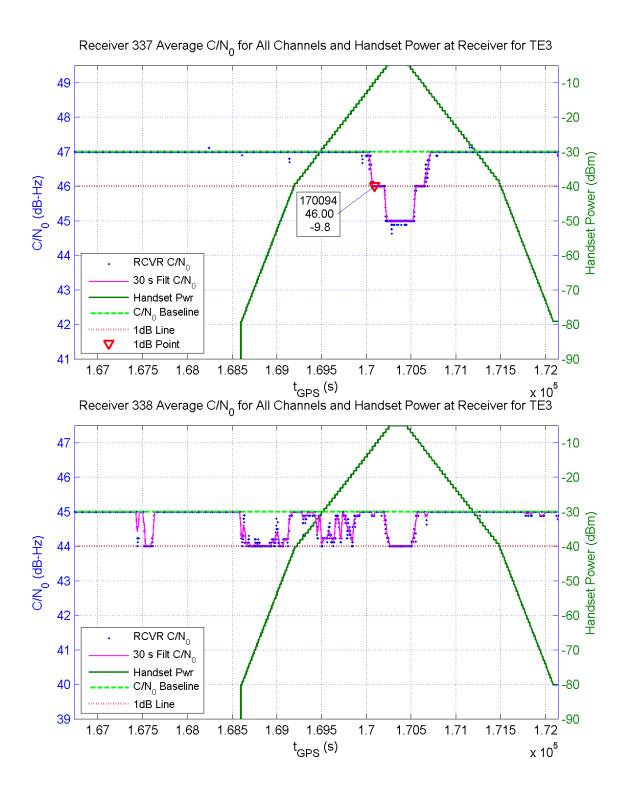


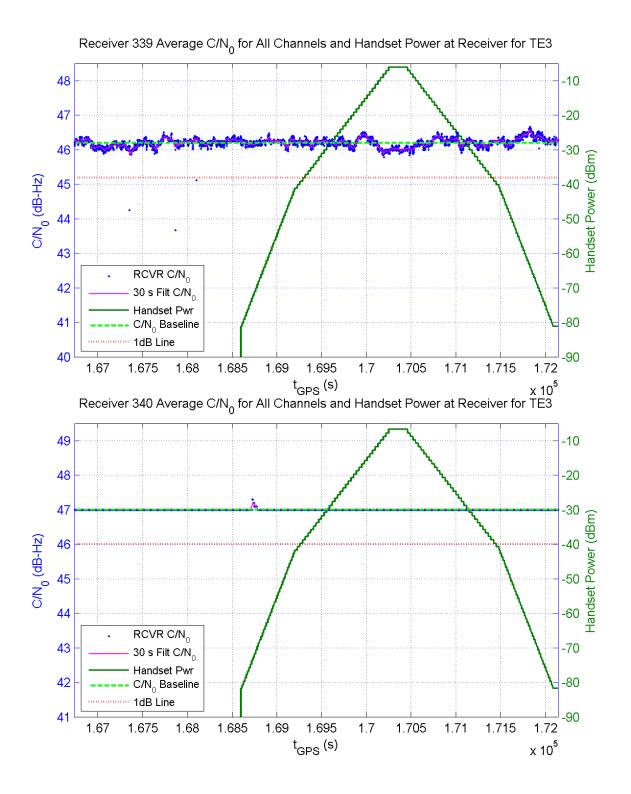


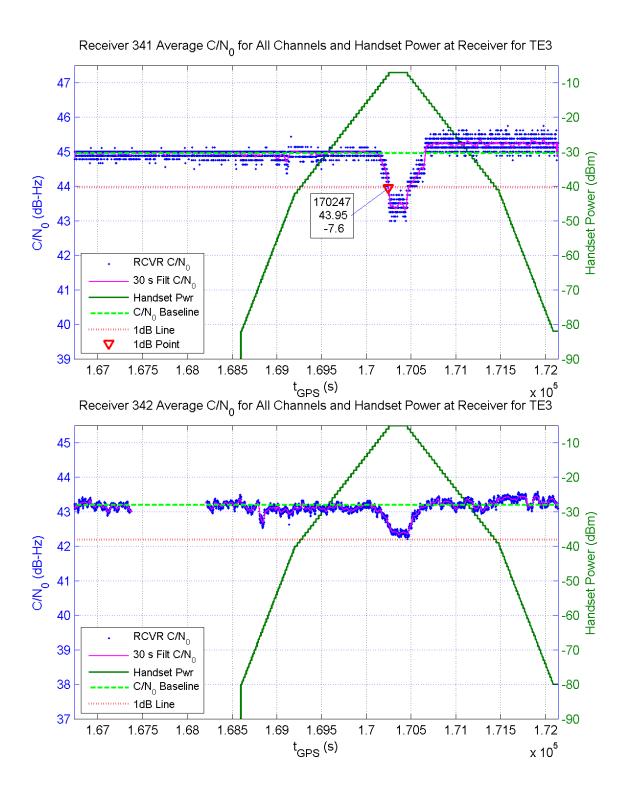


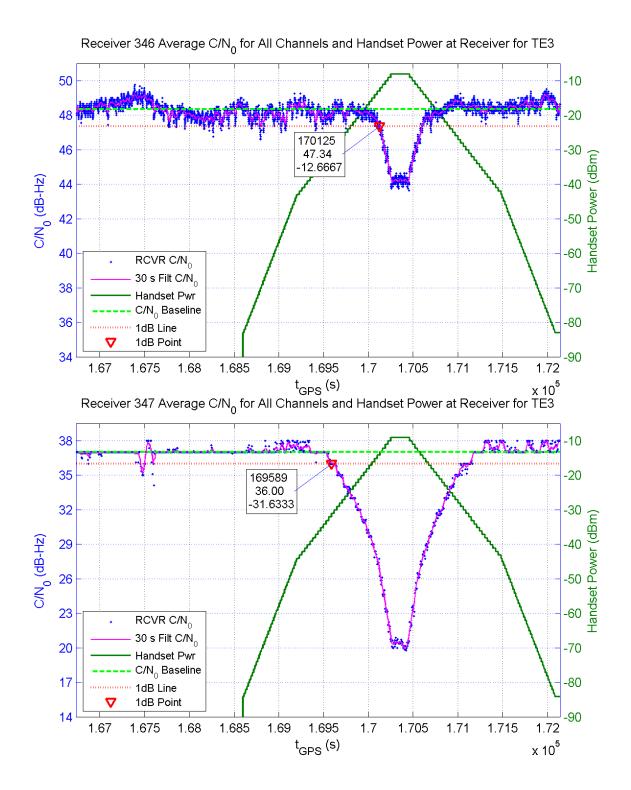


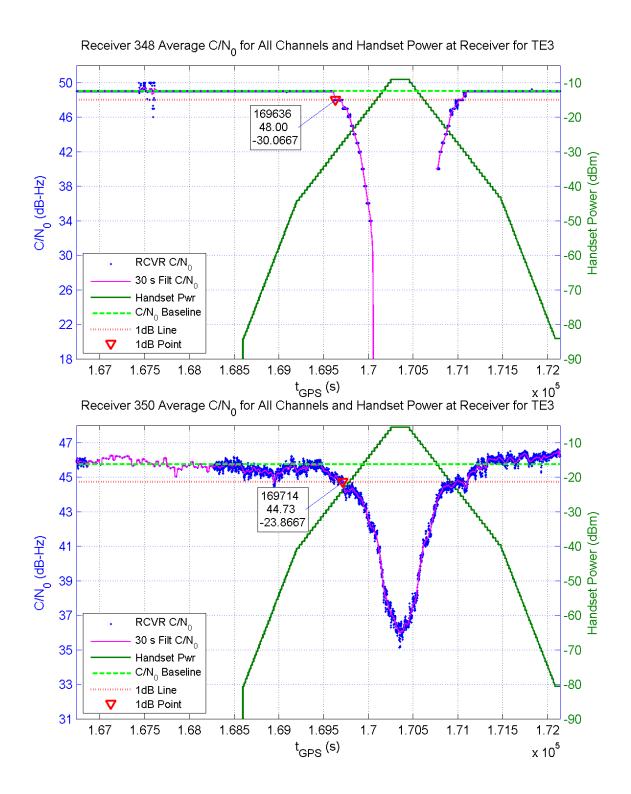


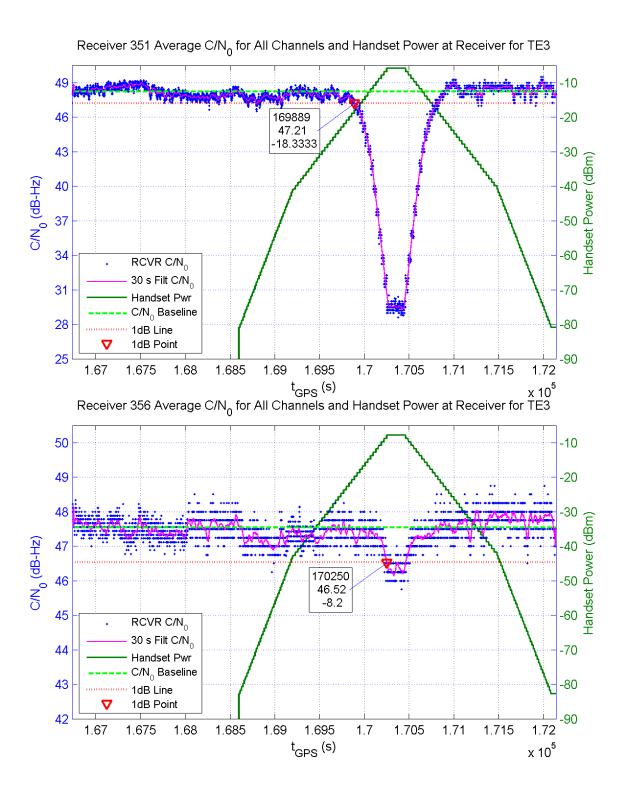


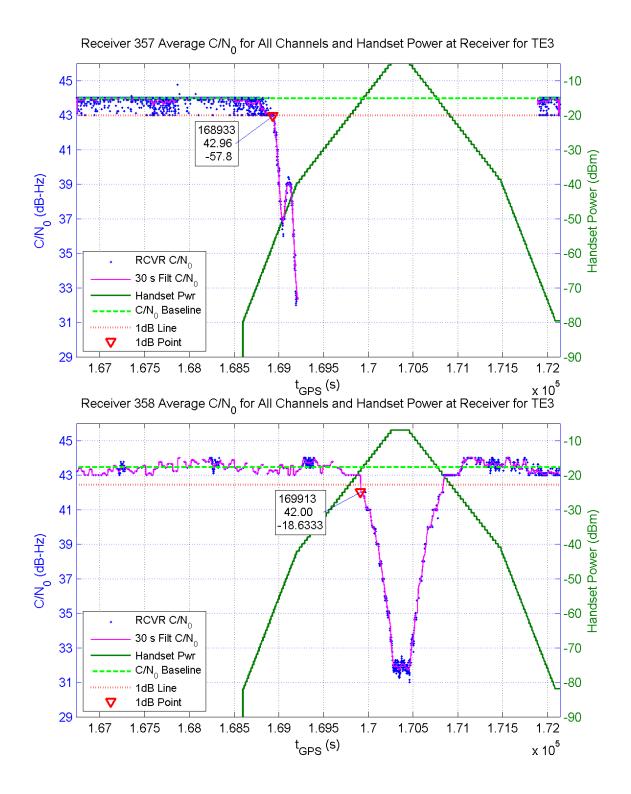


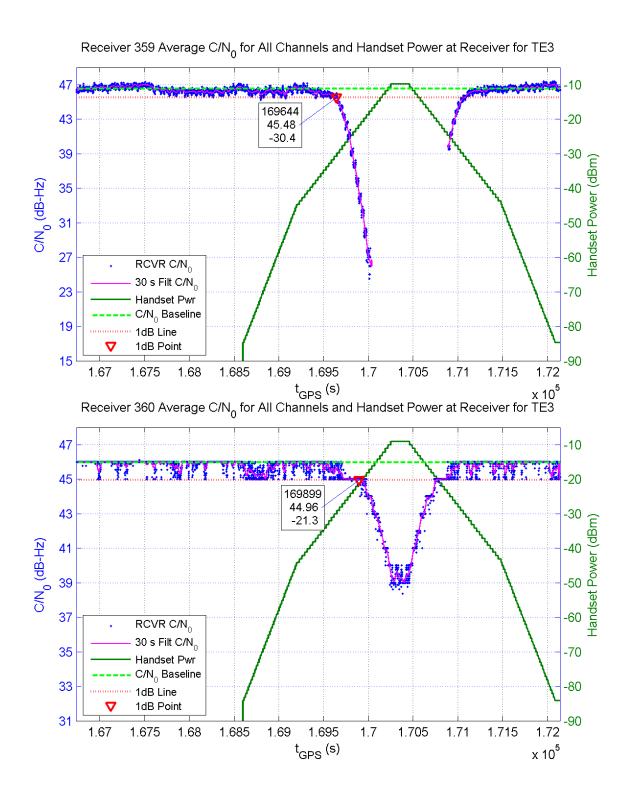


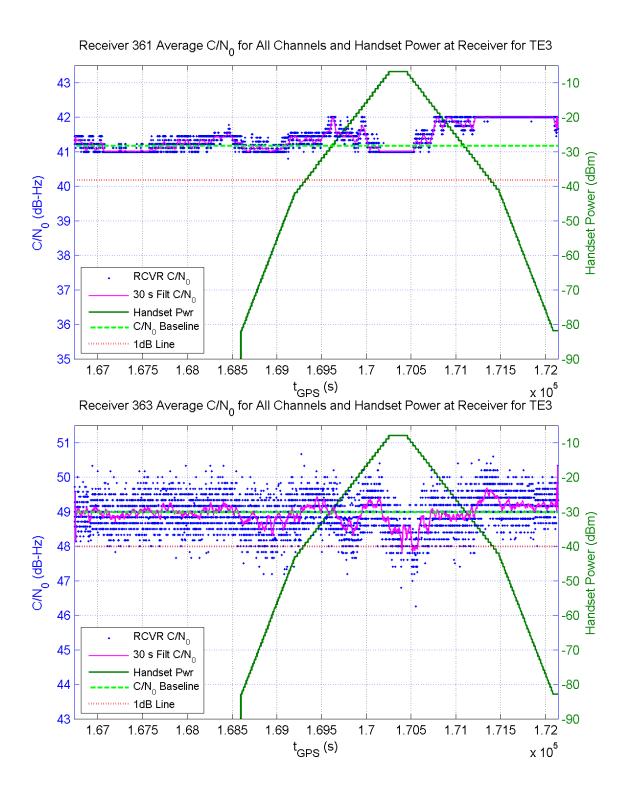


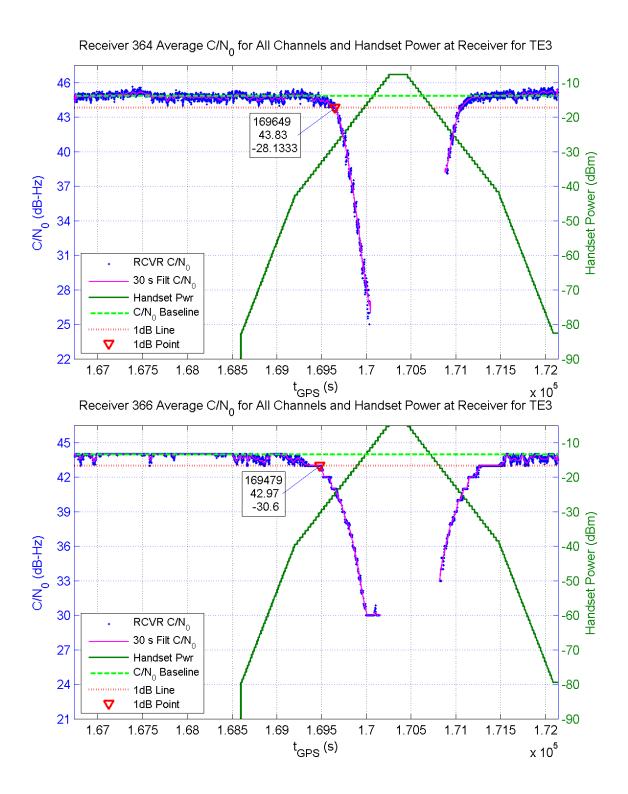


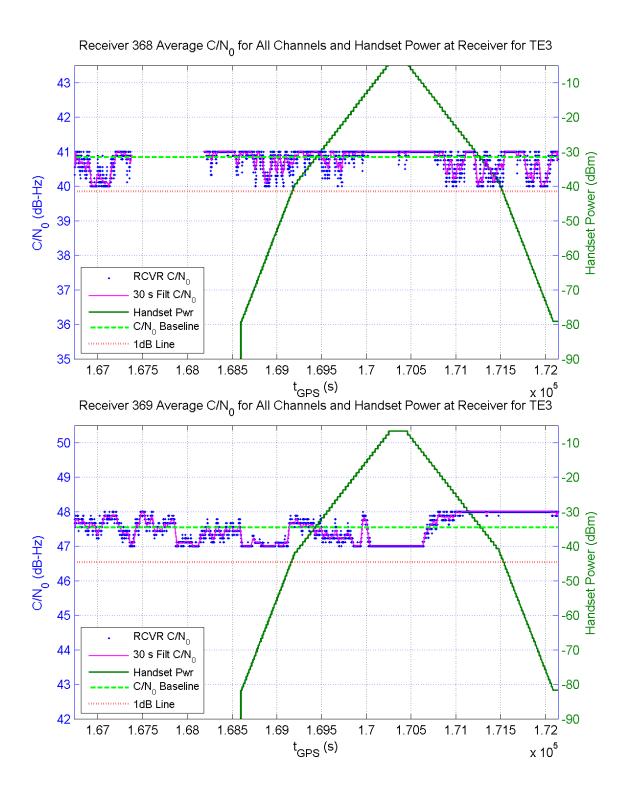


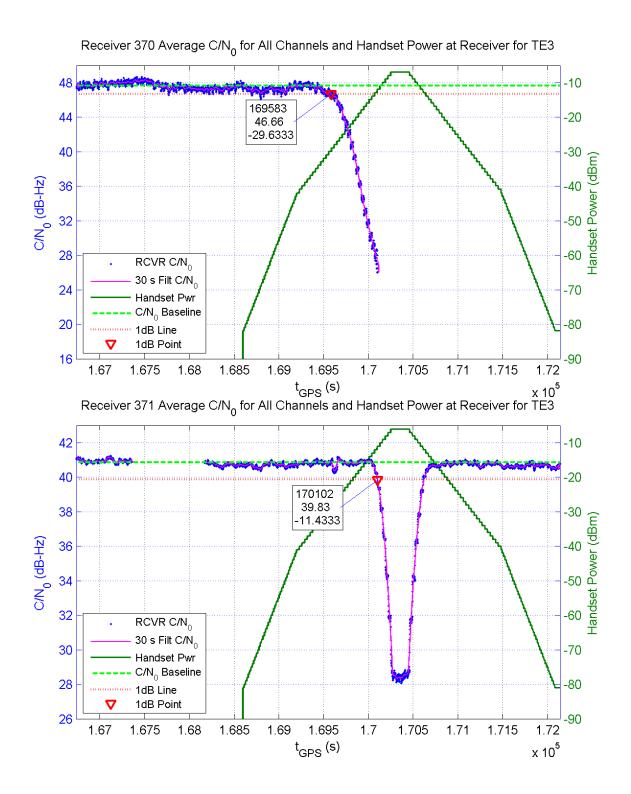




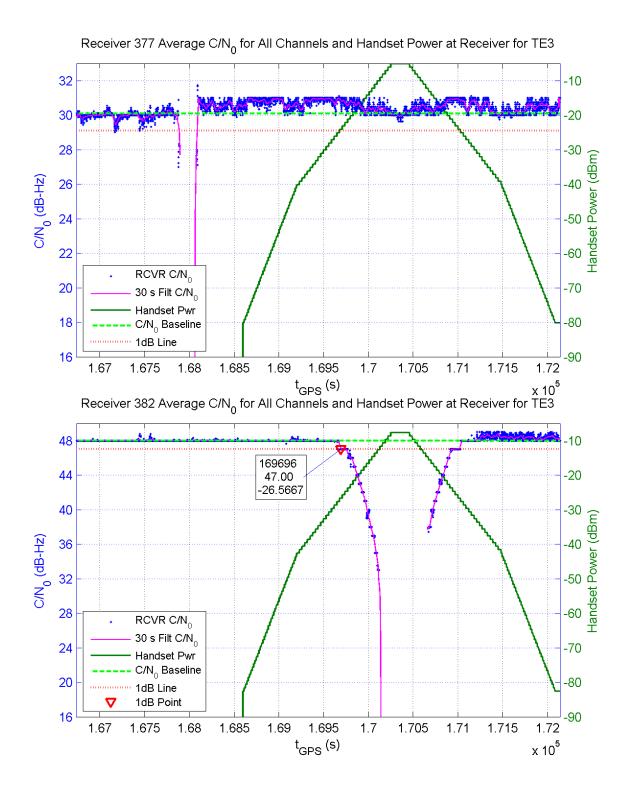


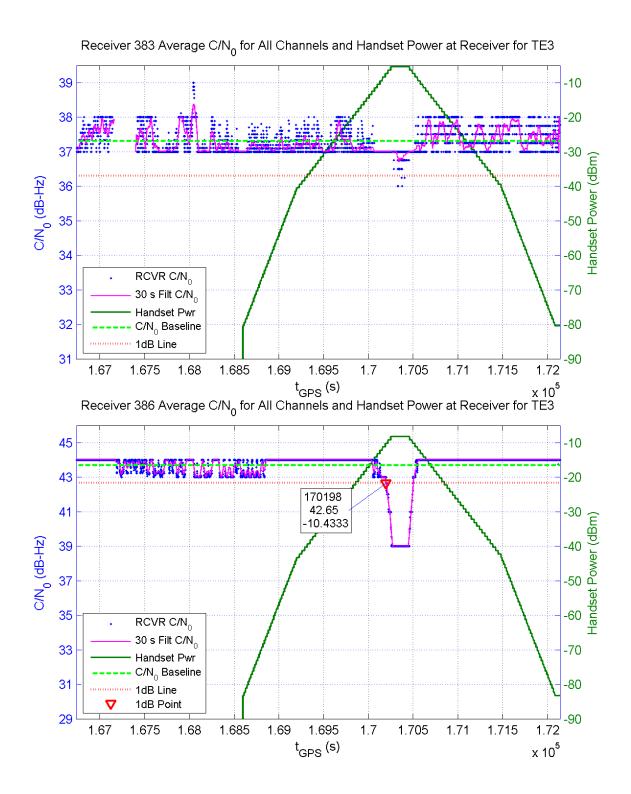


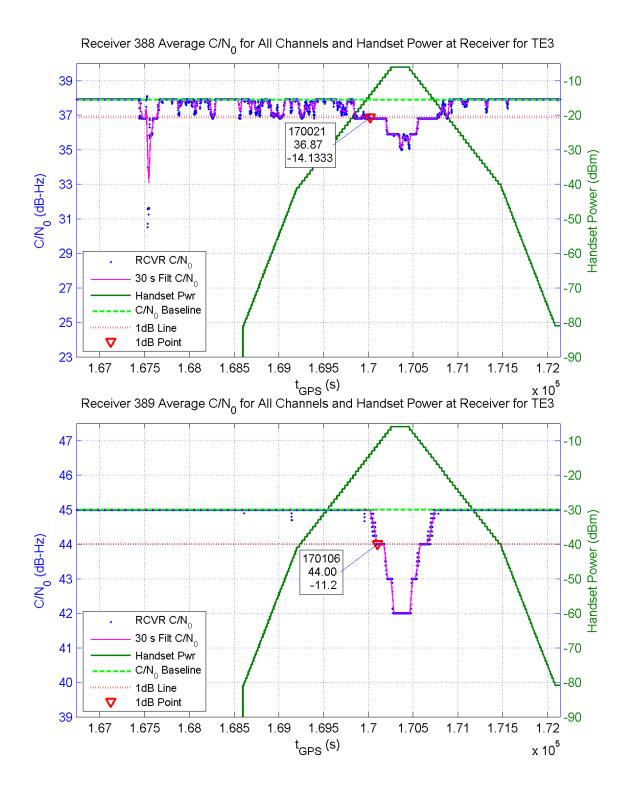


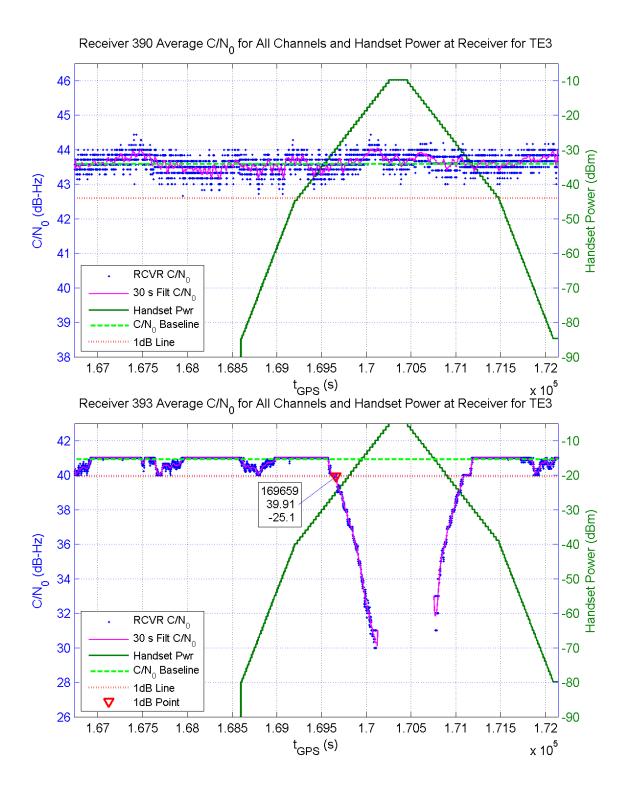


Receiver 373 Average  $\mathrm{C/N}_0$  for All Channels and Handset Power at Receiver for TE3 48 -10 44 46 -20 170013 44 -30 Handset Power (dBm) 45.09 -14.8 C/N<sub>0</sub> (dB-Hz) 42 -50 40 -60 38 RCVR C/N<sub>0</sub> 30 s Filt C/N<sub>0</sub> -70 36 Handset Pwr C/N<sub>0</sub> Baseline 34 -80 1dB Line 1dB Point 32 1.675 1.68 1.695 1.705 1.67 1.685 1.69 1.7 1.71 1.715 1.72 t<sub>GPS</sub> (s) Receiver 374 Average C/N $_0$  for All Channels and Handset Power at Receiver for TE3 42 -10 -20 40 170112 38 -30 9 6 6 6 Handset Power (dBm) 39.02 -12.2 C/N<sub>0</sub> (dB-Hz) 36 34 32 RCVR C/N 30 s Filt C/N<sub>0</sub> -70 30 Handset Pwr C/N<sub>0</sub> Baseline -80 28 1dB Line 1dB Point 26 1.69 1.695 1.705 1.71 1.715 1.72 1.675 1.68 1.685 1.7 t<sub>GPS</sub> (s) x 10<sup>5</sup>

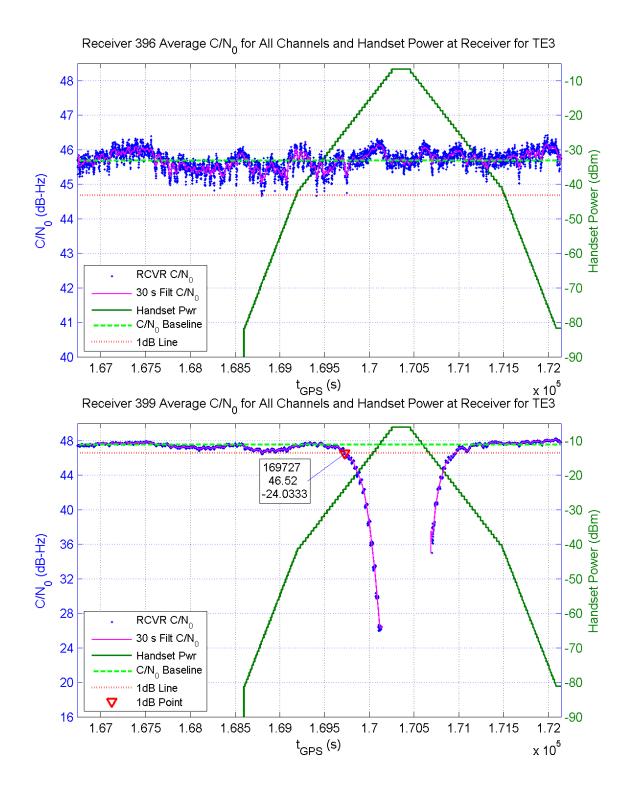




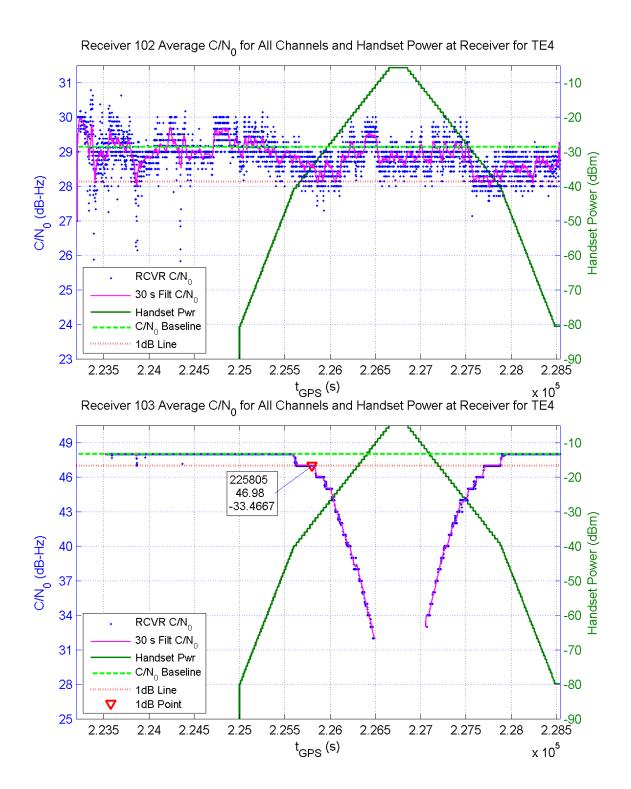


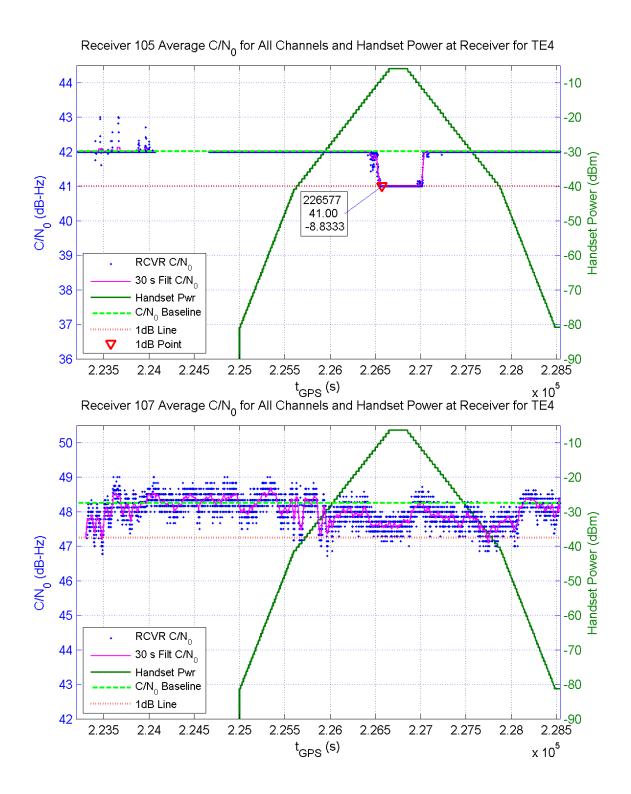


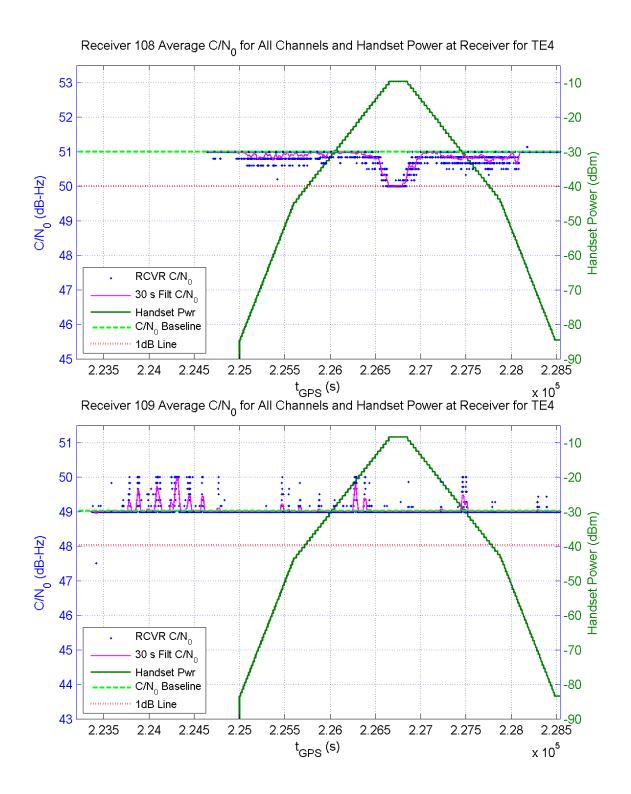
Receiver 394 Average  $\mathrm{C/N}_0$  for All Channels and Handset Power at Receiver for TE3 -10 44 169684 40 42.87 -26.4667 -20 36 -30 Handset Power (dBm)  $C/N_0$  (dB-Hz) 32 -50 28 24 -60 RCVR C/N<sub>0</sub> 30 s Filt C/N<sub>0</sub> -70 20 Handset Pwr C/N<sub>0</sub> Baseline 16 -80 1dB Line 1dB Point 12 1.675 1.68 1.685 1.69 1.695 1.705 1.67 1.7 1.71 1.715 1.72 t<sub>GPS</sub> (s) Receiver 395 Average C/N<sub>0</sub> for All Channels and Handset Power at Receiver for TE3 27 -10 26 -20 25 -30 9 6 6 6 Handset Power (dBm) C/N<sub>0</sub> (dB-Hz) 24 23 22 RCVR C/N -70 21 30 s Filt C/N Handset Pwr 20 -80 C/N<sub>0</sub> Baseline 1dB Line 19 1.68 1.69 1.695 1.705 1.71 1.715 1.72 1.675 1.685 1.7 1.67 t<sub>GPS</sub> (s) x 10<sup>5</sup>



## **RESULTS FOR TE4**



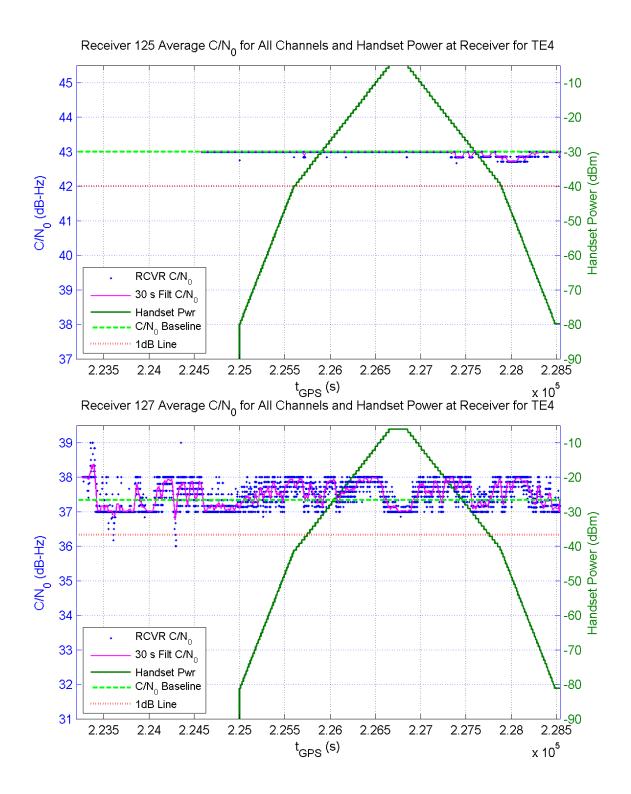


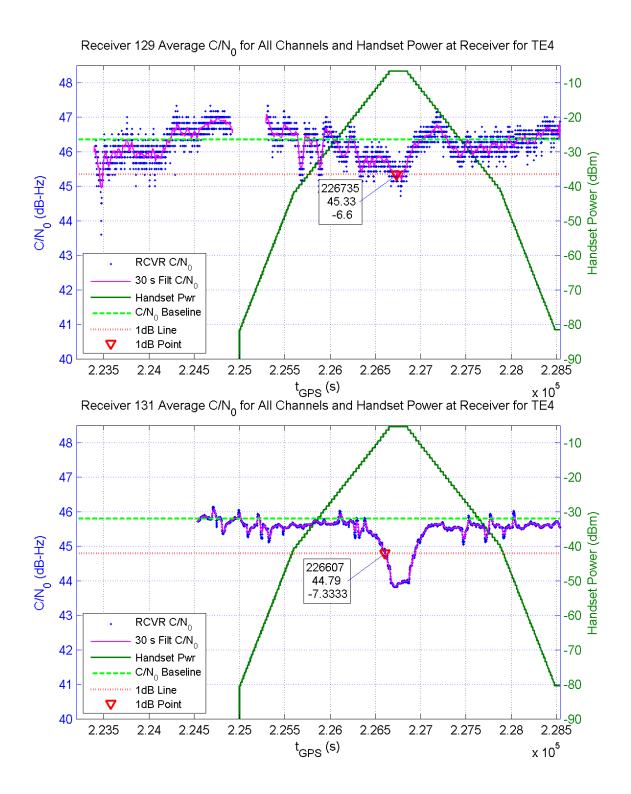


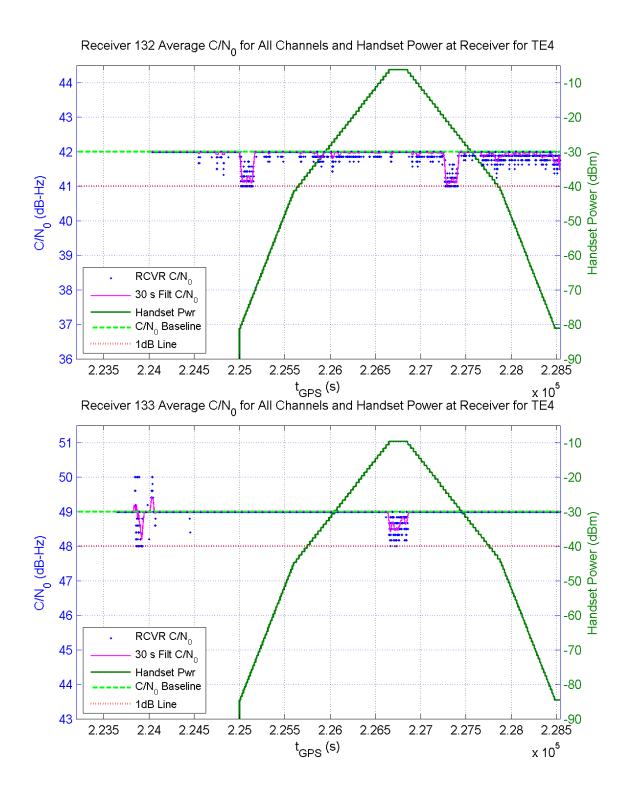
Receiver 114 Average  $\mathrm{C/N}_0$  for All Channels and Handset Power at Receiver for TE4 48 -10 47 -20 46 Handset Power (dBm)  $C/N_0$  (dB-Hz) 45 -50 -60 43 RCVR C/N<sub>0</sub> -70 42 30 s Filt  $C/N_{\odot}$ Handset Pwr 41 C/N<sub>0</sub> Baseline -80 1dB Line \_\_\_i\_\_-90 2.285 40 2.24 2.245 2.26 2.265 2.27 2.275 2.235 2.25 2.255 2.28  $t_{\rm GPS}$  (s)  $\times$  10 $^{5}$  Receiver 116 Average C/N $_{0}$  for All Channels and Handset Power at Receiver for TE4 50 -10 -20 49 48 -30 9 6 6 6 Handset Power (dBm) C/N<sub>0</sub> (dB-Hz) 47 46 45 RCVR C/N -70 44 30 s Filt C/N Handset Pwr 43 -80 C/N<sub>0</sub> Baseline 1dB Line 42 2.245 2.25 2.255 2.26 2.265 2.27 2.275 2.28 2.285 2.24 2.235 t<sub>GPS</sub> (s) x 10<sup>5</sup>

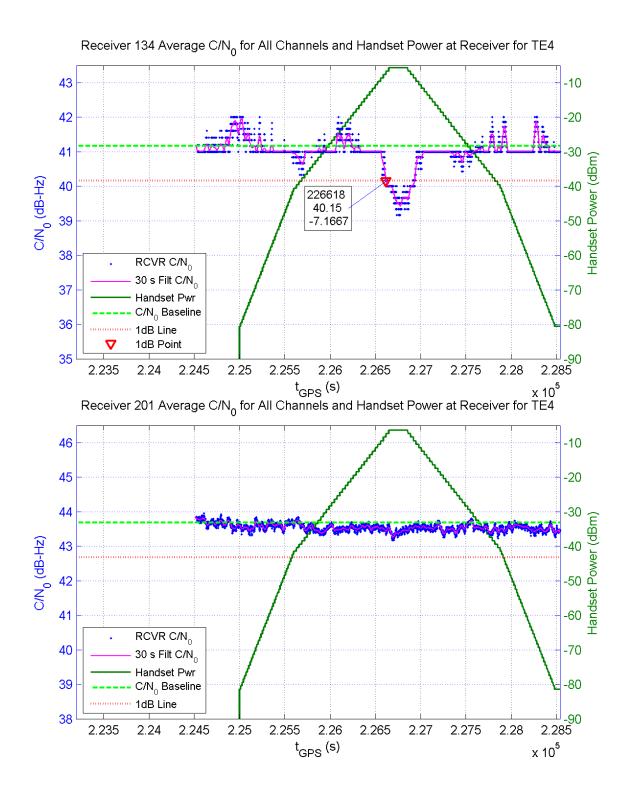
Receiver 117 Average  $\mathrm{C/N}_0$  for All Channels and Handset Power at Receiver for TE4 50 -10 49 -20 48 Handset Power (dBm)  $C/N_0$  (dB-Hz) 47 46 45 RCVR C/N -70 44 30 s Filt C/N Handset Pwr 43 C/N<sub>0</sub> Baseline -80 1dB Line \_\_\_i\_\_-90 2.285 42 2.24 2.245 2.235 2.25 2.255 2.26 2.265 2.27 2.275 2.28 Receiver 118 Average C/N<sub>0</sub> for All Channels and Handset Power at Receiver for TE4 t<sub>GPS</sub> (s) 48 -10 46 -20 44 -30 Handset Power (dBm) C/N<sub>0</sub> (dB-Hz) 42 -50 40 38 RCVR C/N -70 36 30 s Filt C/N Handset Pwr 34 -80 C/N<sub>0</sub> Baseline 1dB Line 32 2.245 2.25 2.255 2.26 2.265 2.27 2.275 2.28 2.285 2.24 2.235 x 10<sup>5</sup>  $t_{GPS}(s)$ 

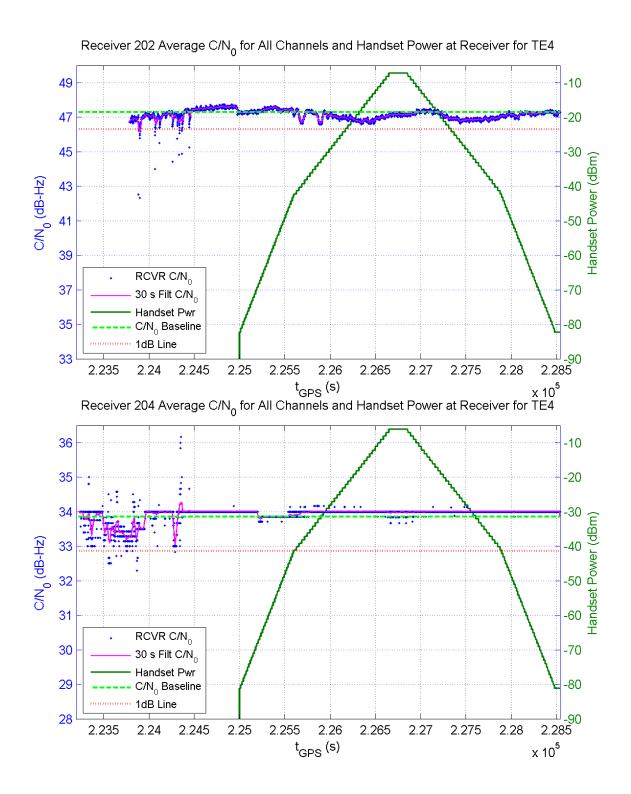
Receiver 123 Average  $\mathrm{C/N}_0$  for All Channels and Handset Power at Receiver for TE4 50 -10 49 -20 48 Handset Power (dBm)  $C/N_0$  (dB-Hz) 47 46 45 RCVR C/N -70 44 30 s Filt C/N Handset Pwr 43 C/N<sub>0</sub> Baseline -80 1dB Line \_\_\_i\_\_-90 2.285 42 2.245 2.235 2.24 2.25 2.255 2.26 2.265 2.27 2.275 2.28 Receiver 124 Average C/N<sub>0</sub> for All Channels and Handset Power at Receiver for TE4 t<sub>GPS</sub> (s) 48 -10 47 -20 46 -30 Handset Power (dBm) C/N<sub>0</sub> (dB-Hz) 45 -50 43 RCVR C/N -70 42 30 s Filt C/N Handset Pwr -80 41 C/N<sub>0</sub> Baseline 1dB Line 40 2.245 2.25 2.255 2.26 2.27 2.275 2.28 2.285 2.24 2.265 2.235  $t_{GPS}(s)$ x 10<sup>5</sup>

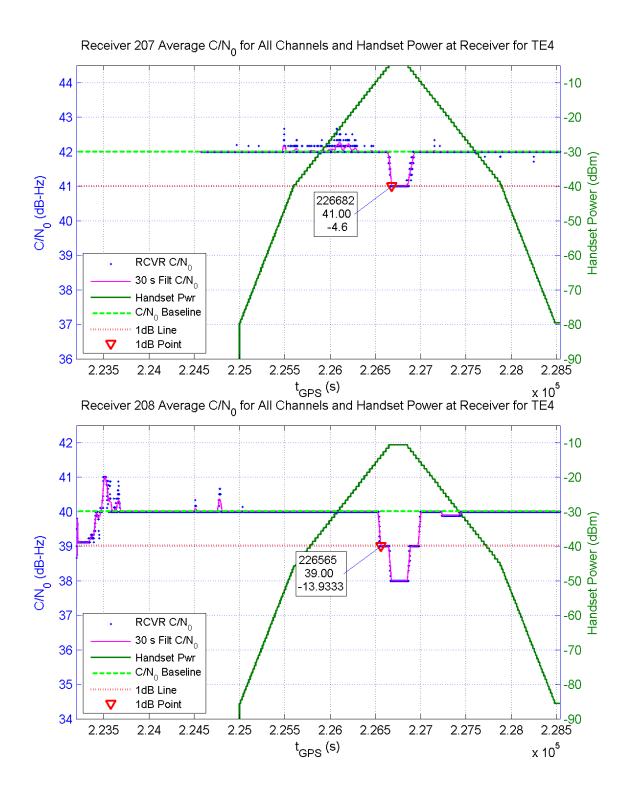








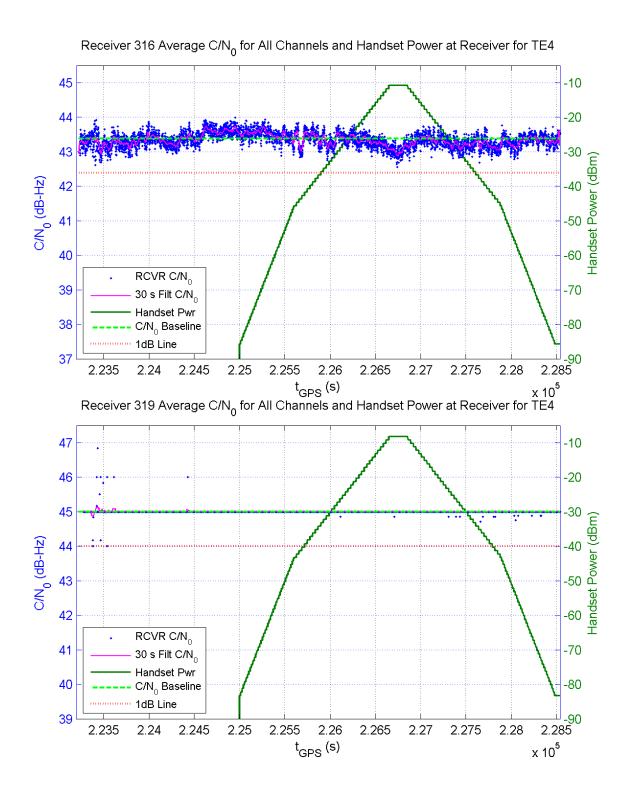




Receiver 235 Average  $\mathrm{C/N}_0$  for All Channels and Handset Power at Receiver for TE4 45 -10 226113 -20 41 43.27 -26 37 Handset Power (dBm) C/N<sub>0</sub> (dB-Hz) 33 29 25 -60 RCVR C/N<sub>0</sub> 30 s Filt C/N<sub>0</sub> -70 21 Handset Pwr C/N<sub>0</sub> Baseline 17 -80 1dB Line 1dB Point \_\_\_i\_\_-90 2.285 13 2.24 2.245 2.26 2.265 2.27 2.235 2.25 2.255 2.275 2.28 t<sub>GPS</sub> (s) Receiver 247 Average C/N<sub>0</sub> for All Channels and Handset Power at Receiver for TE4 48 -10 -20 45 226120 45.93 -25.7667 42 -30 9 6 6 6 Handset Power (dBm) C/N<sub>0</sub> (dB-Hz) 39 36 33 RCVR C/N 30 s Filt C/N 30 -70 Handset Pwr C/N<sub>0</sub> Baseline 27 -80 1dB Line 1dB Point 24 2.245 2.25 2.255 2.26 2.265 2.27 2.275 2.28 2.235 2.24 t<sub>GPS</sub> (s) x 10<sup>5</sup>

Receiver 248 Average  $\mathrm{C/N}_0$  for All Channels and Handset Power at Receiver for TE4 48 -10 226122 46.00 -20 45 -27.6 42 Handset Power (dBm) C/N<sub>0</sub> (dB-Hz) 39 36 33 -60 RCVR C/N<sub>0</sub> 30 s Filt C/N<sub>0</sub> -70 30 Handset Pwr C/N<sub>0</sub> Baseline 27 -80 1dB Line 1dB Point 24 2.235 2.24 2.245 2.25 2.26 2.265 2.27 2.275 2.255 2.28 Receiver 249 Average C/N<sub>0</sub> for All Channels and Handset Power at Receiver for TE4 t<sub>GPS</sub> (s) 46 -10 -20 45 44 -30 9 6 6 6 Handset Power (dBm) C/N<sub>0</sub> (dB-Hz) 43 226556 43.04 42 -10.9333 41 RCVR C/N 30 s Filt C/N -70 40 Handset Pwr C/N<sub>0</sub> Baseline 39 -80 1dB Line 1dB Point 38 2.245 2.25 2.255 2.26 2.265 2.27 2.275 2.28 2.235 2.24 t<sub>GPS</sub> (s) x 10<sup>5</sup>

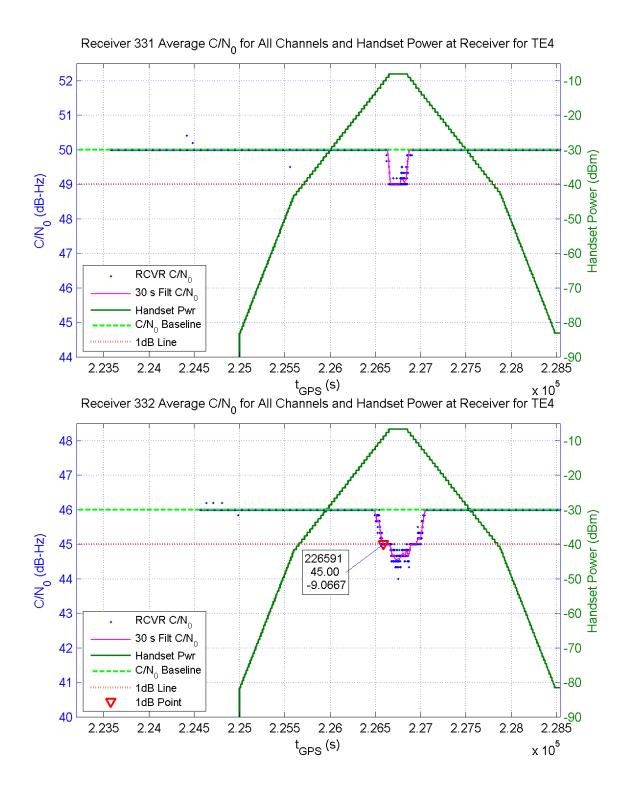
Receiver 314 Average  $\mathrm{C/N}_0$  for All Channels and Handset Power at Receiver for TE4 47 -10 -20 45 226417 44.93 12.5667 43 -30 Handset Power (dBm)  $C/N_0$  (dB-Hz) 41 -50 39 -60 37 RCVR C/N<sub>0</sub> 30 s Filt C/N -70 35 Handset Pwr C/N<sub>0</sub> Baseline 33 -80 1dB Line 1dB Point -90 2.285 31 2.24 2.245 2.26 2.265 2.27 2.235 2.25 2.255 2.275 2.28 t<sub>GPS</sub> (s) Receiver 315 Average C/N<sub>0</sub> for All Channels and Handset Power at Receiver for TE4 36 -10 35 -20 34 -30 9 6 6 A Handset Power (dBm) C/N<sub>0</sub> (dB-Hz) 33 32 31 RCVR C/N -70 30 30 s Filt C/N Handset Pwr 29 -80 C/N<sub>0</sub> Baseline 1dB Line 28 2.245 2.25 2.255 2.26 2.265 2.27 2.275 2.28 2.235 2.24 t<sub>GPS</sub> (s) x 10<sup>5</sup>

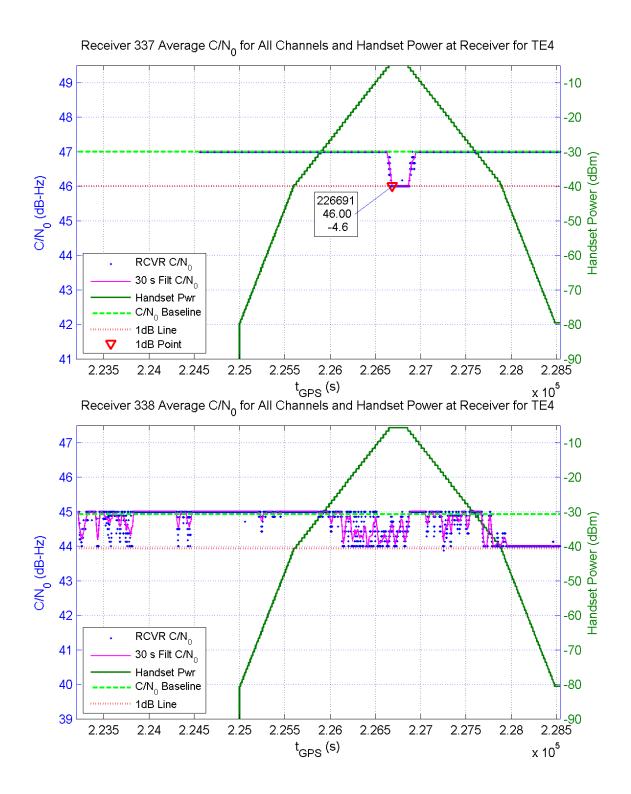


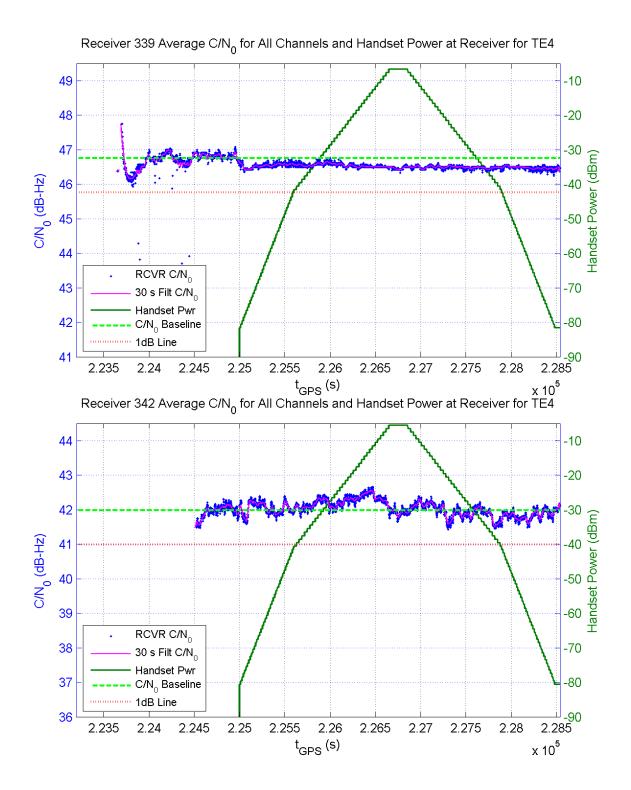
Receiver 320 Average  $\mathrm{C/N}_0$  for All Channels and Handset Power at Receiver for TE4 40 -10 39 -20 38 Handset Power (dBm)  $C/N_0$  (dB-Hz) 37 226518 36.97 -50 36 -11.6 35 -60 RCVR C/N<sub>0</sub> 30 s Filt C/N<sub>0</sub> -70 34 Handset Pwr C/N<sub>0</sub> Baseline 33 -80 1dB Line 1dB Point 32 \_\_\_i\_\_-90 2.285 2.24 2.245 2.26 2.27 2.235 2.25 2.255 2.265 2.275 2.28 t<sub>GPS</sub> (s) Receiver 321 Average C/N<sub>0</sub> for All Channels and Handset Power at Receiver for TE4 51 -10 50 -20 49 -30 Handset Power (dBm) C/N<sub>0</sub> (dB-Hz) 48 -50 47 46 RCVR C/N -70 45 30 s Filt C/N Handset Pwr -80 44 C/N<sub>0</sub> Baseline 1dB Line 43 2.245 2.25 2.255 2.26 2.265 2.27 2.275 2.28 2.285 2.235 2.24  $t_{GPS}(s)$ x 10<sup>5</sup>

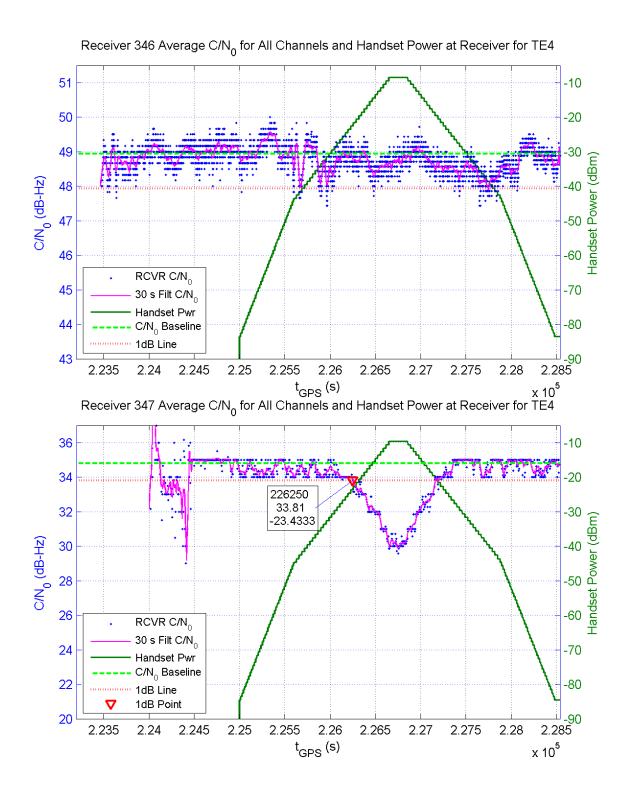
Receiver 322 Average  $\mathrm{C/N}_0$  for All Channels and Handset Power at Receiver for TE4 34 -10 33 -20 32 Handset Power (dBm)  $C/N_0$  (dB-Hz) 30 29 -60 RCVR C/N 28 -70 30 s Filt  $C/N_{\odot}$ Handset Pwr 27 C/N<sub>0</sub> Baseline -80 1dB Line \_\_\_i\_\_-90 2.285 26 2.245 2.27 2.235 2.24 2.25 2.255 2.26 2.265 2.275 2.28 t<sub>GPS</sub> (s) Receiver 324 Average C/N<sub>0</sub> for All Channels and Handset Power at Receiver for TE4 -10 44 -20 43 42 9 6 6 Handset Power (dBm) C/N<sub>0</sub> (dB-Hz) 41 226662 40 40.52 -5.8 39 RCVR C/N 30 s Filt C/N 38 -70 Handset Pwr C/N<sub>0</sub> Baseline 37 -80 1dB Line 1dB Point 36 2.245 2.25 2.255 2.26 2.27 2.275 2.28 2.235 2.24 2.265 x 10<sup>5</sup>  $t_{GPS}(s)$ 

Receiver 328 Average  $\mathrm{C/N}_0$  for All Channels and Handset Power at Receiver for TE4 -10 41 -20 39 226072 38.86 37 -30 -24.9667 Handset Power (dBm)  $C/N_0$  (dB-Hz) 35 -50 33 31 -60 RCVR C/N<sub>0</sub> 30 s Filt C/N<sub>0</sub> -70 29 Handset Pwr C/N<sub>0</sub> Baseline 27 -80 1dB Line 1dB Point -90 2.285 25 2.245 2.27 2.235 2.24 2.25 2.255 2.26 2.265 2.275 2.28 t<sub>GPS</sub> (s) Receiver 329 Average C/N<sub>0</sub> for All Channels and Handset Power at Receiver for TE4 52 -10 51 -20 50 Handset Power (dBm) C/N<sub>0</sub> (dB-Hz) 49 -50 48 47 RCVR C/N -70 46 30 s Filt C/N Handset Pwr 45 -80 C/N<sub>0</sub> Baseline 1dB Line 44 2.245 2.25 2.255 2.26 2.27 2.275 2.28 2.285 2.24 2.265 2.235 t<sub>GPS</sub> (s) x 10<sup>5</sup>









Receiver 348 Average  $\mathrm{C/N}_0$  for All Channels and Handset Power at Receiver for TE4 52 -10 51 -20 50 Handset Power (dBm) C/N<sub>0</sub> (dB-Hz) 49 226577 48.97 -12.5333 48 47 -60 RCVR C/N<sub>0</sub> 30 s Filt C/N<sub>0</sub> -70 46 Handset Pwr C/N<sub>0</sub> Baseline 45 -80 1dB Line 1dB Point 44 2.235 2.245 2.26 2.265 2.27 2.24 2.25 2.255 2.275 2.28 t<sub>GPS</sub> (s) Receiver 351 Average C/N<sub>0</sub> for All Channels and Handset Power at Receiver for TE4 51 -10 50 -20 49 9 6 6 Handset Power (dBm) C/N<sub>0</sub> (dB-Hz) 48 226617 47.78 47 -7.9 46 RCVR C/N 30 s Filt C/N<sub>0</sub> -70 45 Handset Pwr C/N<sub>0</sub> Baseline -80 44 1dB Line 1dB Point 43 2.245 2.25 2.255 2.26 2.27 2.275 2.28 2.235 2.24 2.265 t<sub>GPS</sub> (s) x 10<sup>5</sup>

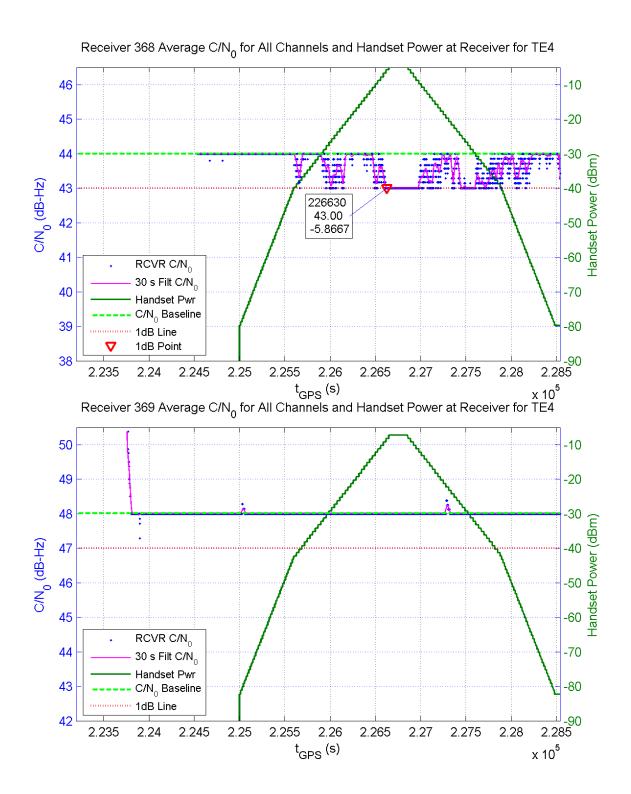
Receiver 356 Average  $\mathrm{C/N}_0$  for All Channels and Handset Power at Receiver for TE4 50 -10 49 -20 48 Handset Power (dBm)  $C/N_0$  (dB-Hz) -40 47 46 45 -60 RCVR C/N -70 44 30 s Filt C/N Handset Pwr 43 C/N<sub>0</sub> Baseline -80 1dB Line \_\_\_i\_\_-90 2.285 42 2.245 2.26 2.27 2.235 2.24 2.25 2.255 2.265 2.275 2.28 t<sub>GPS</sub> (s) Receiver 357 Average C/N $_0$  for All Channels and Handset Power at Receiver for TE4 45 -10 -20 43 225409 42.98 -30 41 Handset Power (dBm) -53.2333 C/N<sub>0</sub> (dB-Hz) 39 -50 37 35 RCVR C/N 30 s Filt C/N -70 33 Handset Pwr C/N<sub>0</sub> Baseline -80 31 1dB Line 1dB Point 29 2.245 2.25 2.255 2.26 2.27 2.275 2.28 2.235 2.24 2.265 t<sub>GPS</sub> (s) x 10<sup>5</sup>

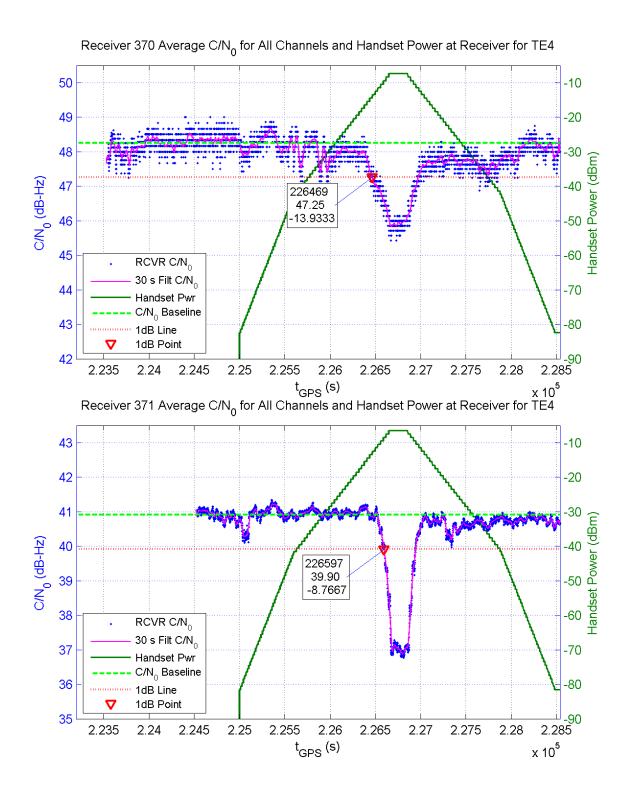
Receiver 358 Average  $\mathrm{C/N}_0$  for All Channels and Handset Power at Receiver for TE4 45 -10 -20 43 226412 43.00 -15.8333 41 Handset Power (dBm)  $C/N_0$  (dB-Hz) 39 35 -60 RCVR C/N $_{\scriptscriptstyle 0}$ 30 s Filt C/N<sub>0</sub> -70 33 Handset Pwr C/N<sub>0</sub> Baseline 31 -80 1dB Line 1dB Point 29 \_\_\_i\_\_-90 2.285 2.245 2.26 2.27 2.235 2.24 2.25 2.255 2.265 2.275 2.28 t<sub>GPS</sub> (s) Receiver 359 Average C/N<sub>0</sub> for All Channels and Handset Power at Receiver for TE4 49 -10 48 -20 47 Handset Power (dBm) C/N<sub>0</sub> (dB-Hz) 46 -50 45 44 RCVR C/N -70 43 30 s Filt C/N Handset Pwr 42 -80 C/N<sub>0</sub> Baseline 1dB Line 41 2.245 2.25 2.255 2.26 2.265 2.27 2.275 2.28 2.285 2.24 2.235  $t_{GPS}(s)$ x 10<sup>5</sup>

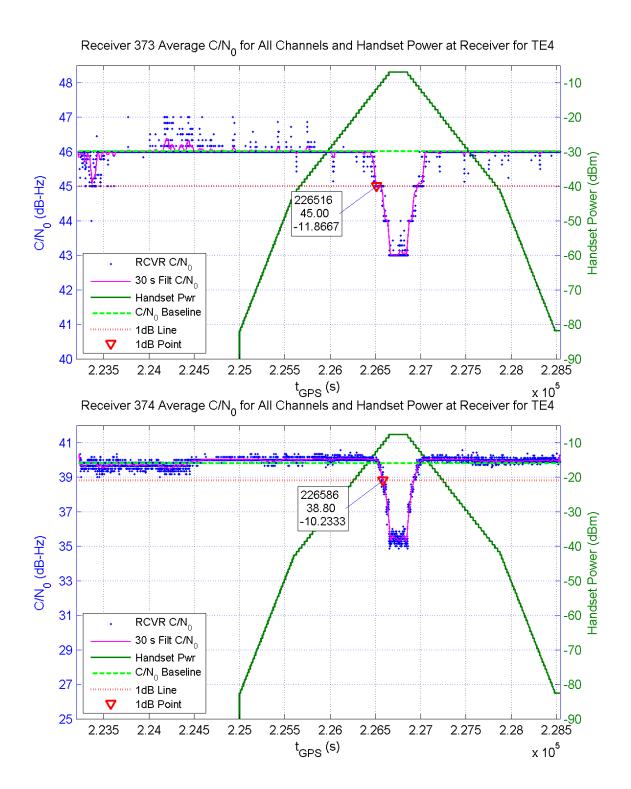
Receiver 360 Average  $\mathrm{C/N}_0$  for All Channels and Handset Power at Receiver for TE4 47 -10 -20 45 226338 44.95 -20.5 43 -30 Handset Power (dBm)  $C/N_0$  (dB-Hz) 41 -50 39 37 -60 RCVR C/N<sub>0</sub> 30 s Filt C/N -70 35 Handset Pwr C/N<sub>0</sub> Baseline 33 -80 1dB Line 1dB Point 31 2.245 2.26 2.27 2.235 2.24 2.25 2.255 2.265 2.275 2.28 Receiver 361 Average C/N<sub>0</sub> for All Channels and Handset Power at Receiver for TE4 t<sub>GPS</sub> (s) -10 44 -20 43 42 -30 Handset Power (dBm) C/N<sub>0</sub> (dB-Hz) -50 40 -60 39 RCVR C/N -70 38 30 s Filt C/N Handset Pwr 37 -80 C/N<sub>0</sub> Baseline 1dB Line 36 2.245 2.25 2.255 2.26 2.265 2.27 2.275 2.28 2.24 2.235 t<sub>GPS</sub> (s) x 10<sup>5</sup>

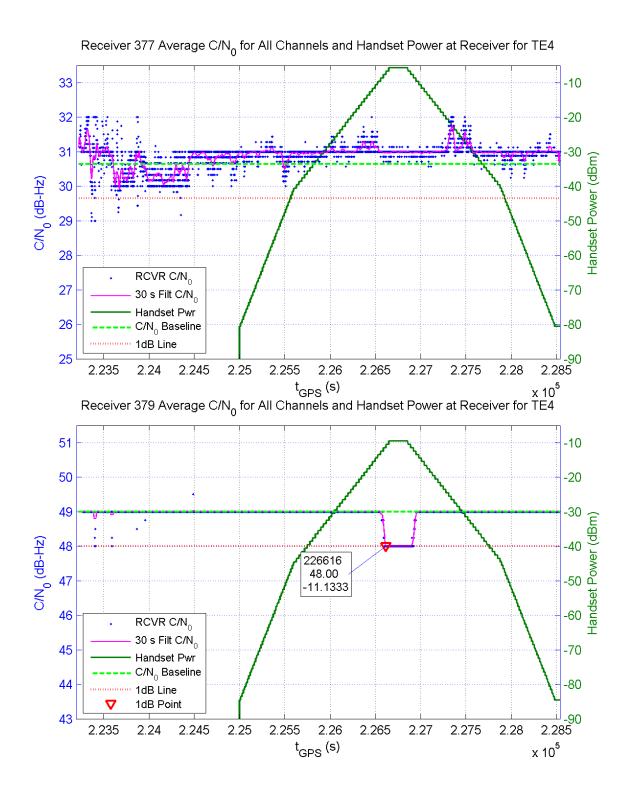
Receiver 363 Average  $\mathrm{C/N}_0$  for All Channels and Handset Power at Receiver for TE4 51 -10 50 -20 49 Handset Power (dBm)  $C/N_0$  (dB-Hz) 48 46 RCVR C/N 45 -70 30 s Filt C/N Handset Pwr 44 C/N<sub>0</sub> Baseline -80 1dB Line \_\_\_i\_\_-90 2.285 43 2.245 2.27 2.235 2.24 2.25 2.255 2.26 2.265 2.275 2.28  $t_{\rm GPS}$  (s)  $\times$  10<sup>5</sup> Receiver 364 Average C/N<sub>0</sub> for All Channels and Handset Power at Receiver for TE4 47 -10 46 -20 45 Handset Power (dBm) C/N<sub>0</sub> (dB-Hz) 44 -50 43 42 RCVR C/N -70 41 30 s Filt C/N Handset Pwr 40 -80 C/N<sub>0</sub> Baseline 1dB Line 39 2.245 2.25 2.255 2.26 2.27 2.275 2.28 2.24 2.265 2.235 x 10<sup>5</sup>  $t_{GPS}(s)$ 

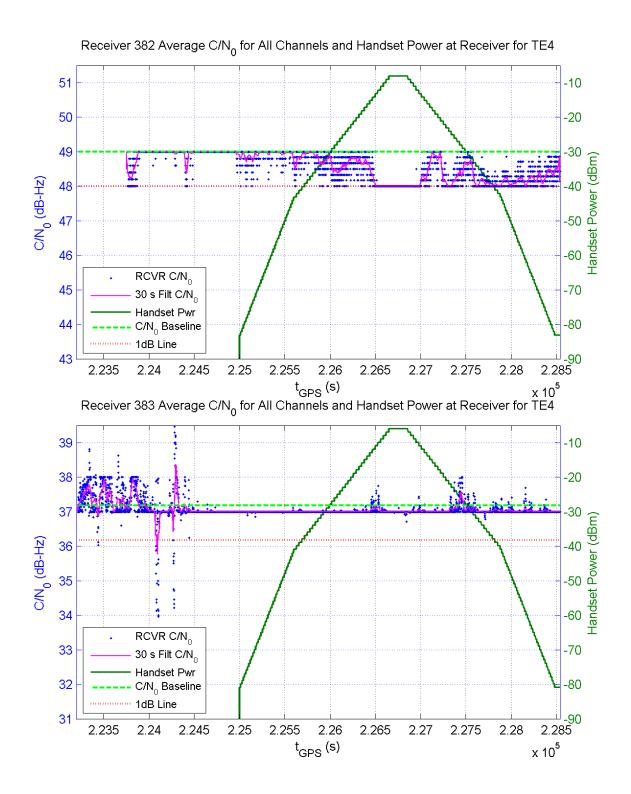
Receiver 366 Average  $\mathrm{C/N}_0$  for All Channels and Handset Power at Receiver for TE4 -10 44 -20 42 226390 41.98 -14.0667 40 Handset Power (dBm) C/N<sub>0</sub> (dB-Hz) 38 -50 36 34 -60 RCVR C/N<sub>0</sub> 30 s Filt C/N -70 32 Handset Pwr C/N<sub>0</sub> Baseline 30 -80 1dB Line 1dB Point \_\_\_i\_\_-90 2.285 28 2.24 2.245 2.26 2.27 2.235 2.25 2.255 2.265 2.275 2.28 t<sub>GPS</sub> (s) Receiver 367 Average C/N<sub>0</sub> for All Channels and Handset Power at Receiver for TE4 50 -10 49 -20 48 Handset Power (dBm) C/N<sub>0</sub> (dB-Hz) -50 46 45 RCVR C/N -70 44 30 s Filt C/N Handset Pwr 43 -80 C/N<sub>0</sub> Baseline 1dB Line 42 2.245 2.25 2.255 2.26 2.27 2.275 2.28 2.285 2.24 2.265 2.235 t<sub>GPS</sub> (s) x 10<sup>5</sup>

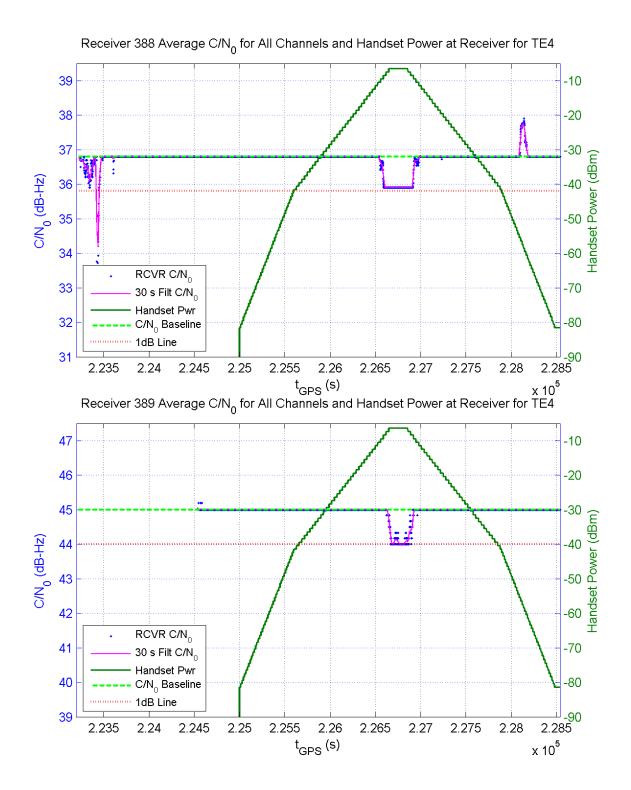


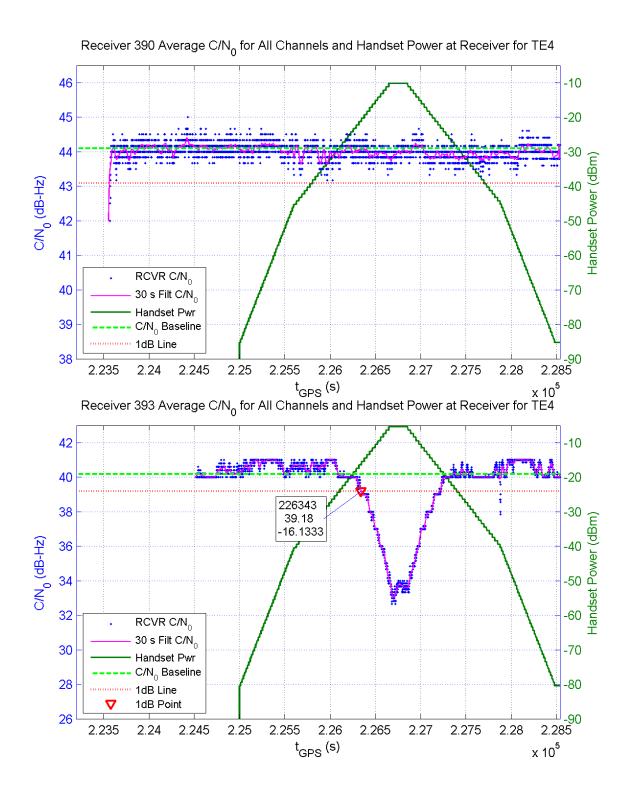


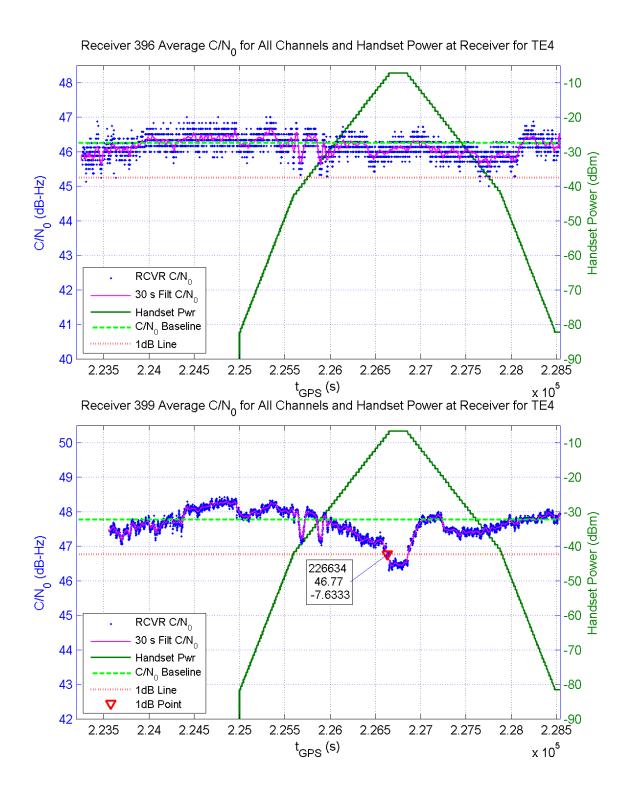




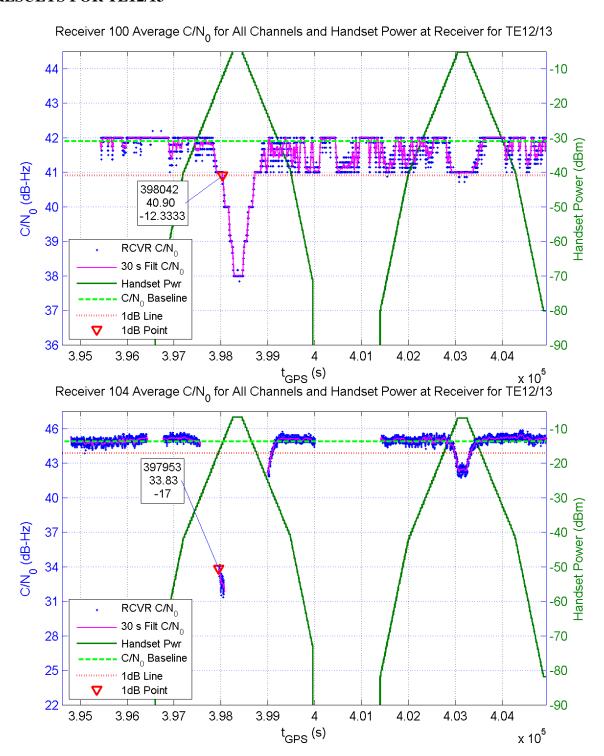


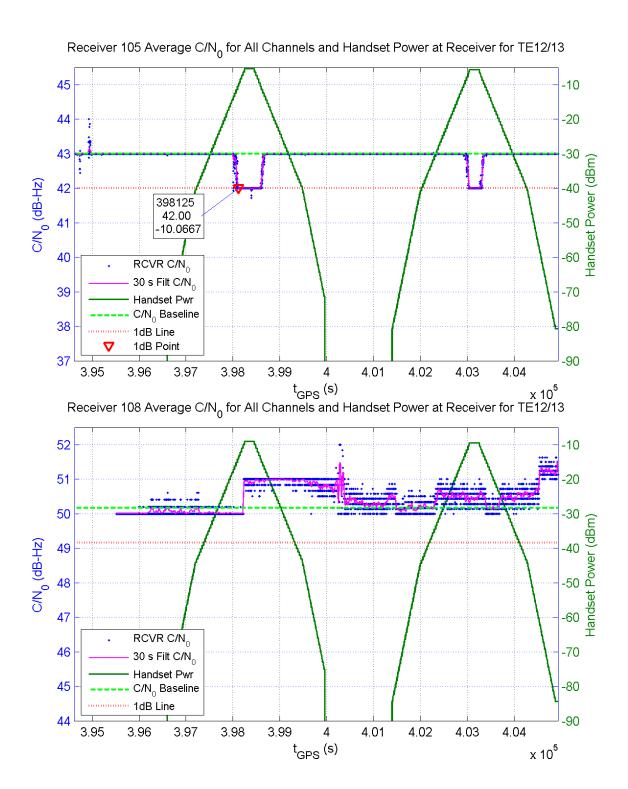






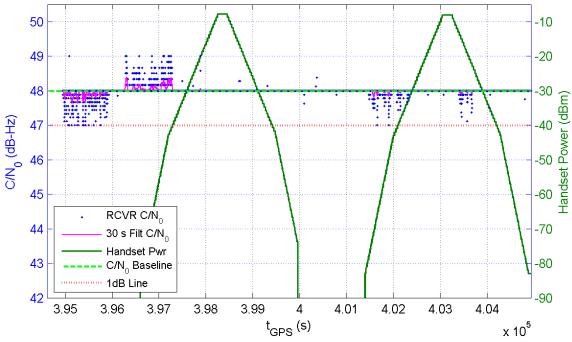
## **RESULTS FOR TE12/13**





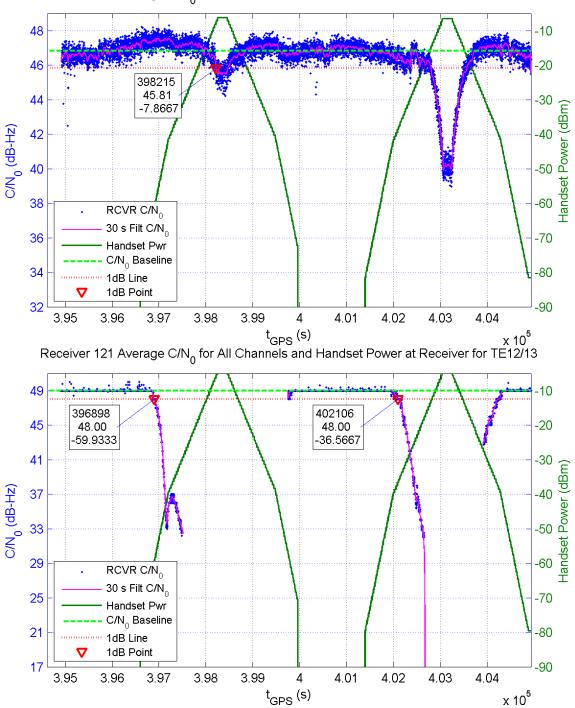
Receiver 109 Average  $\mathrm{C/N}_0$  for All Channels and Handset Power at Receiver for TE12/13 49 -10 397606 48.00 -29.8667 45 -20 41 -30 Handset Power (dBm) C/N<sub>0</sub> (dB-Hz) 37 -50 33 -60 29 RCVR C/N<sub>0</sub> 30 s Filt C/N<sub>0</sub> -70 25 Handset Pwr C/N<sub>0</sub> Baseline 21 -80 1dB Line 1dB Point 17 3.96 3.97 4.01 4.02 3.95 3.98 3.99 4 4.03 4.04  $t_{GPS}$  (s) x 10<sup>5</sup> Receiver 111 Average C/N<sub>0</sub> for All Channels and Handset Power at Receiver for TE12/13 47 -10 -20 46 45 -30 Handset Power (dBm)  $C/N_0$  (dB-Hz) -40 -50 43 -60 42 RCVR C/N -70 41 30 s Filt C/N Handset Pwr 40 C/N<sub>0</sub> Baseline -80 1dB Line -90 39 t<sub>GPS</sub> (s) 3.99 4.01 4.02 4.03 4.04 3.95 3.97 3.98 3.96 x 10<sup>5</sup>

Receiver 112 Average  $C/N_0$  for All Channels and Handset Power at Receiver for TE12/13 46 -10 397545 44.03 402342 -20 42 44.05 -31.5 -31.1 38 -30 Handset Power (dBm) C/N<sub>0</sub> (dB-Hz) 34 -50 30 -60 26 RCVR C/N<sub>0</sub> 30 s Filt C/N<sub>0</sub> -70 22 Handset Pwr C/N<sub>0</sub> Baseline 18 -80 1dB Line 1dB Point -90 3.95 3.96 3.97 4.01 4.02 3.98 3.99 4.03 4.04  $t_{\rm GPS}$  (s)  $\times$  10<sup>5</sup> Receiver 113 Average C/N<sub>0</sub> for All Channels and Handset Power at Receiver for TE12/13 50 -10

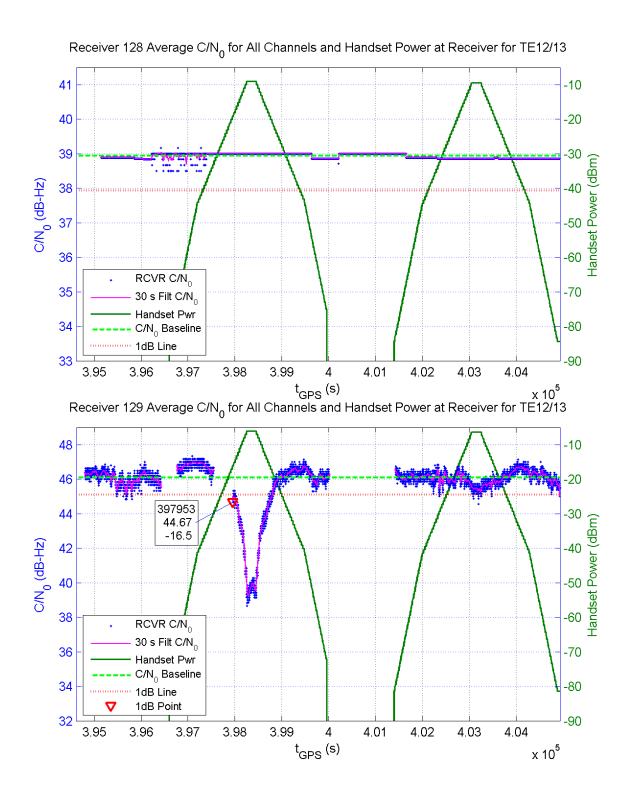


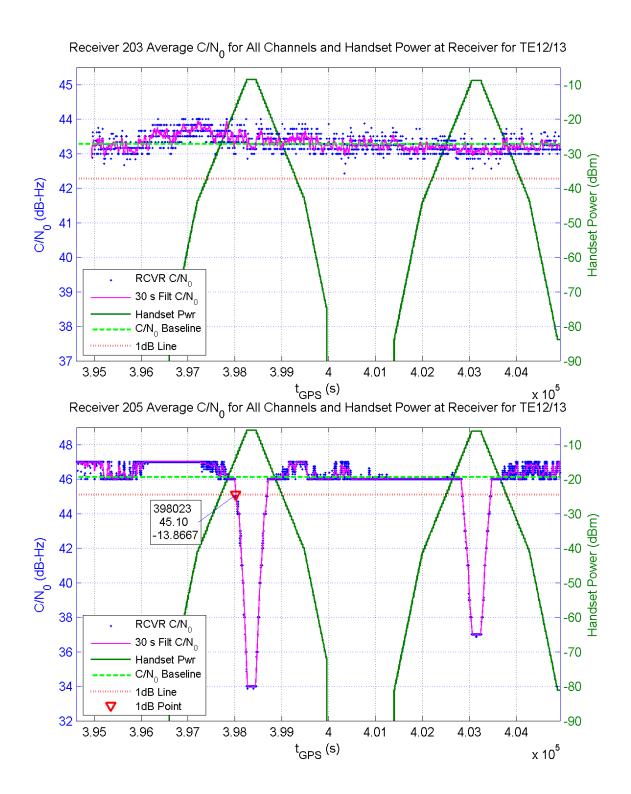
Receiver 115 Average  $\mathrm{C/N}_0$  for All Channels and Handset Power at Receiver for TE12/13 47 -10 46 -20 45 -30 Handset Power (dBm)  $C/N_0$  (dB-Hz) 44 -50 43 -60 42 RCVR C/N<sub>0</sub> -70 41 30 s Filt  $C/N_{\odot}$ Handset Pwr C/N<sub>0</sub> Baseline 40 -80 1dB Line 39 3.96 3.97 3.99 4.01 4.02 3.95 3.98 4 4.03 4.04  $t_{\rm GPS}$  (s)  $\times$  10<sup>5</sup> Receiver 119 Average C/N<sub>0</sub> for All Channels and Handset Power at Receiver for TE12/13 50 -10 -20 49 48 -30 9 5 6 Handset Power (dBm)  $C/N_0$  (dB-Hz) 47 46 45 RCVR C/N -70 44 30 s Filt C/N Handset Pwr 43 C/N<sub>0</sub> Baseline -80 1dB Line 42 -90 t<sub>GPS</sub> (s) 3.97 3.99 4.01 4.02 4.03 4.04 3.95 3.96 3.98 x 10<sup>5</sup>

Receiver 120 Average  $\mathrm{C/N}_0$  for All Channels and Handset Power at Receiver for TE12/13



x 10<sup>5</sup>





Receiver 206 Average  $\mathrm{C/N}_0$  for All Channels and Handset Power at Receiver for TE12/13 46 -10 -20 44 398164 43.61 42 -30 Handset Power (dBm) -11.5667  $C/N_0$  (dB-Hz) 40 -50 38 -60 36 RCVR C/N<sub>0</sub> 30 s Filt C/N -70 34 Handset Pwr C/N<sub>0</sub> Baseline 32 -80 1dB Line 1dB Point 30 3.96 3.97 4.01 4.02 3.95 3.98 3.99 4 4.03 4.04  $t_{GPS}$  (s) x 10<sup>5</sup> Receiver 208 Average C/N<sub>0</sub> for All Channels and Handset Power at Receiver for TE12/13 40 -10 -20 37 398186 37.94 12.7333 34 -30 9 6 6 6 Handset Power (dBm) C/N<sub>0</sub> (dB-Hz) 31 28 25 RCVR C/N<sub>0</sub> 30 s Filt C/N<sub>0</sub> -70 22 Handset Pwr C/N<sub>0</sub> Baseline -80 19 1dB Line 1dB Point 16 -90 ) 4 t<sub>GPS</sub> (s) 3.97 3.99 4.01 4.02 4.03 4.04 3.95 3.96 3.98 x 10<sup>5</sup>

Receiver 211 Average  $C/N_0$  for All Channels and Handset Power at Receiver for TE12/13 -10 41 40 -20 39 -30 Handset Power (dBm)  $C/N_0$  (dB-Hz) 38 398225 37.88 -50 -5.4333 36 -60 RCVR C/N $_{0}$ 30 s Filt C/N<sub>0</sub> -70 35 Handset Pwr C/N<sub>0</sub> Baseline 34 -80 1dB Line 1dB Point 33 -90 3.96 3.97 4.01 4.02 3.95 3.98 3.99 4 4.03 4.04  $t_{GPS}$  (s) x 10<sup>5</sup> Receiver 212 Average C/N<sub>0</sub> for All Channels and Handset Power at Receiver for TE12/13 47 -10 -20 46 45 -30 Handset Power (dBm)  $C/N_0$  (dB-Hz) 44 -50 43 -60 42 RCVR C/N -70 41 30 s Filt C/N Handset Pwr 40 -80 C/N<sub>0</sub> Baseline 1dB Line -90 39 t<sub>GPS</sub> (s) 3.97 3.99 4.01 4.02 4.03 4.04 3.95 3.98 3.96 x 10<sup>5</sup>

Receiver 214 Average  $\mathrm{C/N}_0$  for All Channels and Handset Power at Receiver for TE12/13 43 -10 42 -20 41 Handset Power (dBm) C/N<sub>0</sub> (dB-Hz) 40 -50 39 38 -60 RCVR C/N<sub>0</sub> -70 37 30 s Filt C/N Handset Pwr 36 C/N<sub>0</sub> Baseline -80 1dB Line 35 -90 3.96 3.97 4.01 4.02 3.95 3.98 3.99 4 4.03 4.04  $t_{\rm GPS}$  (s)  $\times$  10<sup>5</sup> Receiver 215 Average C/N<sub>0</sub> for All Channels and Handset Power at Receiver for TE12/13 48 -10 45 -20 397087 45.78 402251 45.78 49.7333 34.1333 42 -30 Handset Power (dBm)  $C/N_0$  (dB-Hz) 39 -40 -50 36 -60 33 RCVR C/N 30 s Filt C/N<sub>0</sub> -70 30 Handset Pwr C/N<sub>0</sub> Baseline 27 -80 1dB Line 1dB Point 24 -90 t<sub>GPS</sub> (s) 3.97 3.99 4.01 4.02 4.03 4.04 3.95 3.96 3.98 x 10<sup>5</sup>

Receiver 217 Average  $\mathrm{C/N}_0$  for All Channels and Handset Power at Receiver for TE12/13 37 -10 35 -20 33 -30 Handset Power (dBm)  $C/N_0$  (dB-Hz) 31 -50 29 27 -60 RCVR C/N<sub>0</sub> -70 25 30 s Filt C/N<sub>0</sub> Handset Pwr 23 C/N<sub>0</sub> Baseline -80 1dB Line -90 21 3.96 3.97 4.01 4.02 3.95 3.98 3.99 4 4.03 4.04  $t_{\rm GPS}$  (s)  $\times$  10<sup>5</sup> Receiver 218 Average C/N<sub>0</sub> for All Channels and Handset Power at Receiver for TE12/13 48 -10 -20 47 46 -30 Handset Power (dBm) C/N<sub>0</sub> (dB-Hz) 45 398075 44.98 -50 44 13.2333 -60 43 RCVR C/N 30 s Filt C/N<sub>0</sub> -70 42 Handset Pwr C/N<sub>0</sub> Baseline -80 41 1dB Line 1dB Point 40 -90 t<sub>GPS</sub> (s) 3.99 4.01 4.04 3.95 3.96 3.97 3.98 4.02 4.03 x 10<sup>5</sup>

Receiver 219 Average  $\mathrm{C/N}_0$  for All Channels and Handset Power at Receiver for TE12/13 50 -10 49 -20 48 -30 Handset Power (dBm)  $C/N_0$  (dB-Hz) 47 -50 46 -60 45 RCVR C/N<sub>0</sub> -70 44 30 s Filt  $C/N_{\odot}$ Handset Pwr 43 C/N<sub>0</sub> Baseline -80 1dB Line 42 3.96 3.97 4.01 4.02 3.95 3.98 3.99 4 4.03 4.04  $t_{\rm GPS}$  (s) x 10<sup>5</sup> Receiver 220 Average C/N<sub>0</sub> for All Channels and Handset Power at Receiver for TE12/13 50 -10 397774 48.99 -20 46 23.9667 42 -30 9 6 6 6 Handset Power (dBm)  $C/N_0$  (dB-Hz) 38 34 30 RCVR C/N<sub>0</sub> 30 s Filt C/N<sub>0</sub> -70 26 Handset Pwr C/N<sub>0</sub> Baseline 22 -80 1dB Line 1dB Point 18 -90 t<sub>GPS</sub> (s) 3.97 3.98 3.99 4.01 4.02 4.03 4.04 3.95 3.96 x 10<sup>5</sup>

Receiver 231 Average  $\text{C/N}_0$  for All Channels and Handset Power at Receiver for TE12/13 48 -10 45 397199 46.00 -20 402487 46.00 42.2667 -26.2667 42 -30 Handset Power (dBm) C/N<sub>0</sub> (dB-Hz) 39 -50 36 -60 33 RCVR C/N<sub>0</sub> 30 s Filt C/N<sub>0</sub> -70 30 Handset Pwr C/N<sub>0</sub> Baseline 27 -80 1dB Line 1dB Point -90 24 3.96 3.97 4.01 4.02 3.95 3.98 3.99 4 4.03 4.04  $t_{GPS}$  (s) x 10<sup>5</sup> Receiver 232 Average C/N<sub>0</sub> for All Channels and Handset Power at Receiver for TE12/13 47 -10 45 -20 398119 43 -30 Handset Power (dBm) 44.23 -9.9667 C/N<sub>0</sub> (dB-Hz) -40 41 -50 39 37 -60 RCVR C/N 30 s Filt C/N<sub>0</sub> -70 35 Handset Pwr C/N<sub>0</sub> Baseline 33 -80 1dB Line 1dB Point

t<sub>GPS</sub> (s)

3.99

3.98

4.01

4.02

-90

4.04

x 10<sup>5</sup>

4.03

31

3.95

3.96

3.97

Receiver 234 Average  $C/N_0$  for All Channels and Handset Power at Receiver for TE12/13 49 -10 47 -20 45 -30 Handset Power (dBm)  $C/N_0$  (dB-Hz) 43 -50 -60 39 RCVR C/N<sub>0</sub> -70 37 30 s Filt C/N<sub>0</sub> Handset Pwr 35 C/N<sub>0</sub> Baseline -80 1dB Line -90 33 3.96 3.97 4.01 4.02 3.95 3.98 3.99 4 4.03 4.04  $t_{GPS}$  (s) x 10<sup>5</sup> Receiver 235 Average C/N<sub>0</sub> for All Channels and Handset Power at Receiver for TE12/13 45 -10 397535 402331 -20 41 43.11 43.11 -31.4333 -31.8667 37 -30 Handset Power (dBm)  $C/N_0$  (dB-Hz) 33 -40 -50 29 -60 25 RCVR C/N 30 s Filt C/N<sub>0</sub> -70 21 Handset Pwr C/N<sub>0</sub> Baseline 17 -80 1dB Line 1dB Point 13 -90 ) 4 t<sub>GPS</sub> (s) 3.99 4.01 4.02 4.04 3.95 3.96 3.97 3.98 4.03 x 10<sup>5</sup>

Receiver 246 Average  $\mathrm{C/N}_0$  for All Channels and Handset Power at Receiver for TE12/13 50 -10 48 -20 397542 46 -30 Handset Power (dBm) 47.02 -30.8 C/N<sub>0</sub> (dB-Hz) 44 -50 42 -60 40 RCVR C/N<sub>0</sub> 30 s Filt C/N -70 38 Handset Pwr C/N<sub>0</sub> Baseline 36 -80 1dB Line 1dB Point -90 34 3.96 3.97 4.01 4.02 3.95 3.98 3.99 4 4.03 4.04  $t_{\rm GPS}$  (s)  $\times$  10<sup>5</sup> Receiver 247 Average C/N<sub>0</sub> for All Channels and Handset Power at Receiver for TE12/13 48 -10 45 -20 397547 402338 45.65 45.66 31.0333 -31.6333 42 -30 Handset Power (dBm) C/N<sub>0</sub> (dB-Hz) 39 -50 36 -60 33 RCVR C/N 30 s Filt C/N -70 30 Handset Pwr C/N<sub>0</sub> Baseline 27 -80 1dB Line 1dB Point 24 -90 3.99 4.01 4.02 4.04 3.95 3.96 3.97 3.98 4.03 t<sub>GPS</sub> (s) x 10<sup>5</sup>

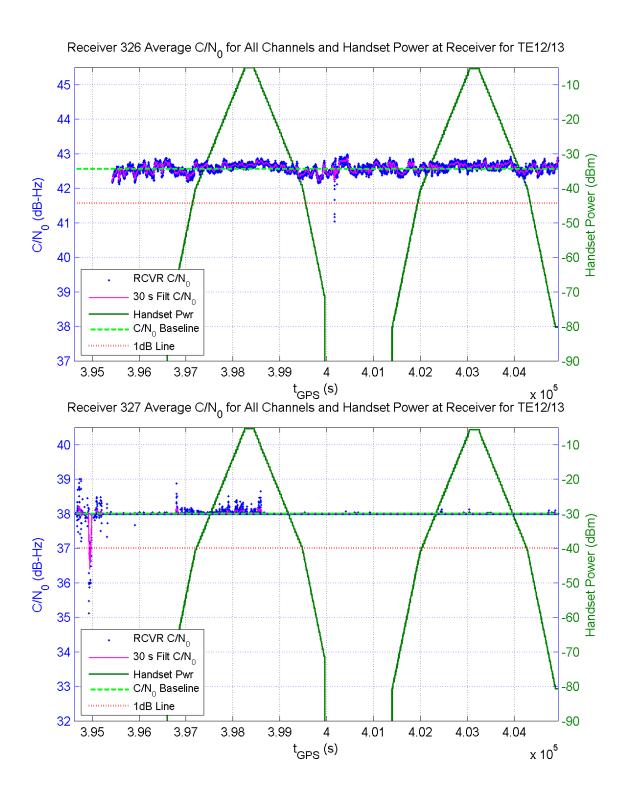
Receiver 248 Average  $\mathrm{C/N}_0$  for All Channels and Handset Power at Receiver for TE12/13 48 -10 397366 46.00 402285 46.01 -20 45 -38.9667 -35.3 42 -30 Handset Power (dBm)  $C/N_0$  (dB-Hz) 39 -50 36 -60 33 RCVR C/N<sub>0</sub> 30 s Filt C/N<sub>0</sub> -70 30 Handset Pwr C/N<sub>0</sub> Baseline 27 -80 1dB Line 1dB Point 24 3.96 3.97 4.01 4.02 3.95 3.98 3.99 4 4.03 4.04  $t_{GPS}$  (s) x 10<sup>5</sup> Receiver 302 Average C/N<sub>0</sub> for All Channels and Handset Power at Receiver for TE12/13 46 -10 -20 45 44 -30 Handset Power (dBm)  $C/N_0$  (dB-Hz) 43 -50 42 -60 RCVR C/N -70 40 30 s Filt C/N Handset Pwr 39 C/N<sub>0</sub> Baseline -80 1dB Line -90 38 t<sub>GPS</sub> (s) 3.97 3.99 4.01 4.02 4.03 4.04 3.95 3.98 3.96 x 10<sup>5</sup>

Receiver 304 Average  $\mathrm{C/N}_0$  for All Channels and Handset Power at Receiver for TE12/13 50 -10 49 -20 48 Handset Power (dBm)  $C/N_0$  (dB-Hz) 47 398266 47.00 -50 46 -7.6 45 -60 RCVR C/N<sub>0</sub> 30 s Filt C/N<sub>0</sub> -70 44 Handset Pwr C/N<sub>0</sub> Baseline 43 -80 1dB Line 1dB Point -90 42 3.96 3.97 4.01 4.02 3.95 3.98 3.99 4 4.03 4.04  $t_{GPS}$  (s) x 10<sup>5</sup> Receiver 306 Average C/N<sub>0</sub> for All Channels and Handset Power at Receiver for TE12/13 48 -10 -20 47 46 -30 Handset Power (dBm)  $C/N_0$  (dB-Hz) 45 -50 44 -60 43 RCVR C/N -70 42 30 s Filt C/N Handset Pwr 41 -80 C/N<sub>0</sub> Baseline 1dB Line -90 40 t<sub>GPS</sub> (s) 3.97 3.99 4.01 4.02 4.04 3.95 3.98 4.03 3.96 x 10<sup>5</sup>

Receiver 307 Average  $C/N_0$  for All Channels and Handset Power at Receiver for TE12/13 38 -10 -20 37 36 -30 Handset Power (dBm)  $C/N_0$  (dB-Hz) 35 -50 -60 33 RCVR C/N<sub>0</sub> -70 32 30 s Filt C/N<sub>0</sub> Handset Pwr 31 C/N<sub>0</sub> Baseline -80 1dB Line 30 -90 3.96 3.97 4.01 4.02 3.95 3.98 3.99 4 4.03 4.04  $t_{\rm GPS}$  (s) x 10<sup>5</sup> Receiver 308 Average C/N<sub>0</sub> for All Channels and Handset Power at Receiver for TE12/13 -10 44 -20 40 36 -30 Handset Power (dBm)  $C/N_0$  (dB-Hz) 32 28 24 RCVR C/N -70 20 30 s Filt C/N<sub>0</sub> Handset Pwr 16 C/N<sub>0</sub> Baseline -80 1dB Line -90 12 t<sub>GPS</sub> (s) 3.97 3.99 4.01 4.02 4.03 4.04 3.95 3.96 3.98 x 10<sup>5</sup>

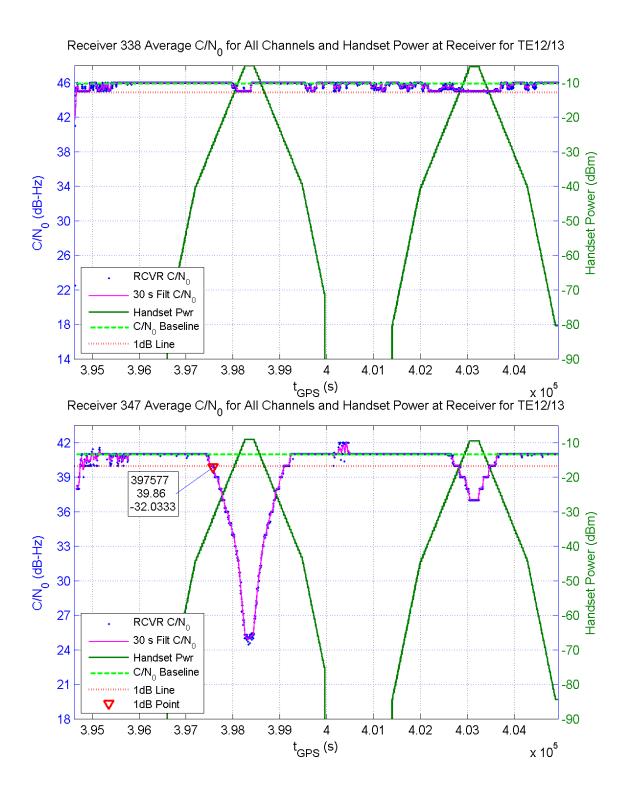
Receiver 310 Average  $C/N_0$  for All Channels and Handset Power at Receiver for TE12/13 47 -10 46 -20 45 Handset Power (dBm)  $C/N_0$  (dB-Hz) 44 398156 -50 43 43.53 -9.5333 42 -60 RCVR C/N<sub>0</sub> 30 s Filt C/N<sub>0</sub> -70 41 Handset Pwr C/N<sub>0</sub> Baseline 40 -80 1dB Line 1dB Point 39 -90 3.96 3.97 4.01 4.02 3.95 3.98 3.99 4 4.03 4.04  $t_{GPS}$  (s) x 10<sup>5</sup> Receiver 317 Average C/N<sub>0</sub> for All Channels and Handset Power at Receiver for TE12/13 47 -10 -20 46 45 -30 Handset Power (dBm)  $C/N_0$  (dB-Hz) 44 -40 398124 -50 43 43.62 -12.9 42 RCVR C/N 30 s Filt C/N<sub>0</sub> -70 41 Handset Pwr C/N<sub>0</sub> Baseline -80 40 1dB Line 1dB Point 39 -90 t<sub>GPS</sub> (s) 3.99 4.01 4.03 4.04 3.95 3.96 3.97 3.98 4.02 x 10<sup>5</sup>

Receiver 318 Average  $\text{C/N}_0$  for All Channels and Handset Power at Receiver for TE12/13 47 -10 -20 46 45 -30 Handset Power (dBm)  $C/N_0$  (dB-Hz) 44 398041 44.00 -50 43 -13.5667 -60 42 RCVR C/N<sub>0</sub> 30 s Filt C/N<sub>0</sub> -70 41 Handset Pwr C/N<sub>0</sub> Baseline 40 -80 1dB Line 1dB Point 39 -90 3.96 3.97 4.01 4.02 3.95 3.98 3.99 4 4.03 4.04  $t_{GPS}$  (s) x 10<sup>5</sup> Receiver 325 Average C/N<sub>0</sub> for All Channels and Handset Power at Receiver for TE12/13 45 -10 -20 42 398067 42.91 -13.5 39 -30 9 6 6 6 Handset Power (dBm)  $C/N_0$  (dB-Hz) 36 33 30 RCVR C/N $_{\scriptscriptstyle 0}$ 30 s Filt C/N<sub>0</sub> -70 27 Handset Pwr C/N<sub>0</sub> Baseline -80 24 1dB Line 1dB Point 21 -90 t<sub>GPS</sub> (s) 3.99 4.01 4.03 4.04 3.95 3.96 3.97 3.98 4.02 x 10<sup>5</sup>

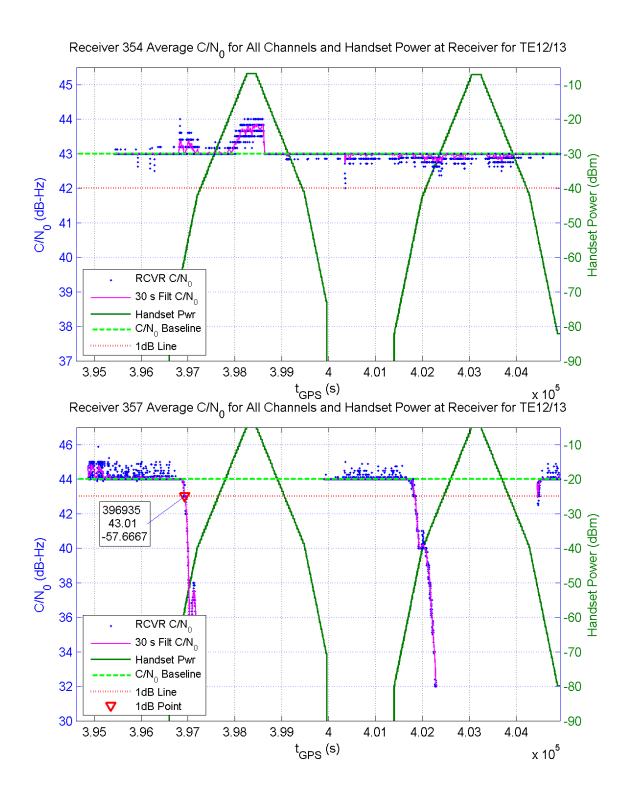


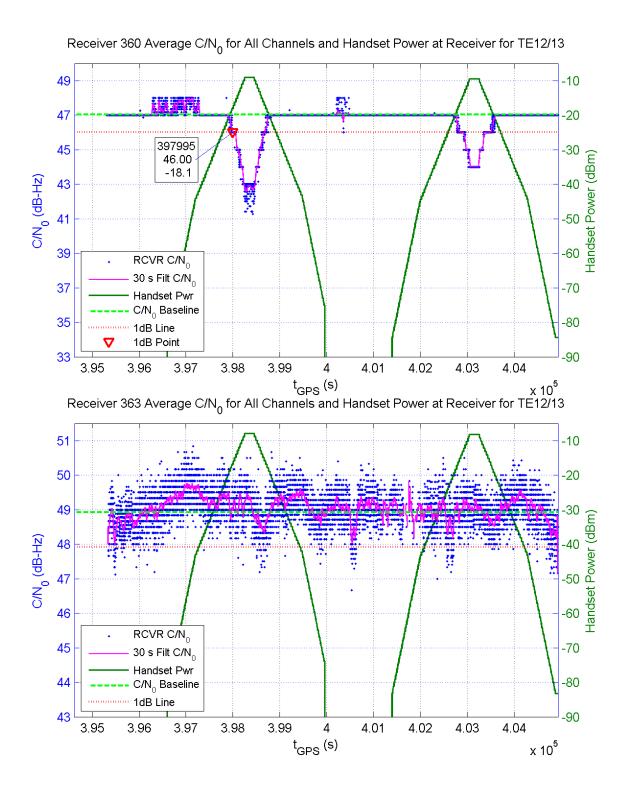
Receiver 333 Average  $\mathrm{C/N}_0$  for All Channels and Handset Power at Receiver for TE12/13 47 -10 -20 45 397947 45.00 -19.7 43 -30 Handset Power (dBm)  $C/N_0$  (dB-Hz) 41 -50 39 -60 37 RCVR C/N<sub>0</sub> 30 s Filt C/N -70 35 Handset Pwr C/N<sub>0</sub> Baseline 33 -80 1dB Line 1dB Point 31 3.96 3.97 3.99 4.01 4.02 3.95 3.98 4 4.03 4.04  $t_{GPS}$  (s) x 10<sup>5</sup> Receiver 334 Average C/N<sub>0</sub> for All Channels and Handset Power at Receiver for TE12/13 47 -10 -20 46 45 -30 9 6 6 6 Handset Power (dBm)  $C/N_0$  (dB-Hz) 44 398153 43.95 43 12.8333 42 RCVR C/N<sub>0</sub> 30 s Filt  $C/N_0$ -70 41 Handset Pwr C/N<sub>0</sub> Baseline 40 -80 1dB Line 1dB Point 39 -90 t<sub>GPS</sub> (s) 3.97 3.99 4.01 4.02 4.03 4.04 3.95 3.96 3.98 x 10<sup>5</sup>

Receiver 335 Average  $C/N_0$  for All Channels and Handset Power at Receiver for TE12/13 43 -10 40 -20 37 -30 Handset Power (dBm)  $C/N_0$  (dB-Hz) 34 -50 -60 28 RCVR C/N<sub>0</sub> -70 25 30 s Filt C/N<sub>0</sub> Handset Pwr 22 C/N<sub>0</sub> Baseline -80 1dB Line -90 19 3.96 3.97 4.01 4.02 3.95 3.98 3.99 4 4.03 4.04  $t_{GPS}$  (s) x 10<sup>5</sup> Receiver 336 Average C/N<sub>0</sub> for All Channels and Handset Power at Receiver for TE12/13 46 -10 -20 44 397894 43.99 42 -30 9 6 6 6 Handset Power (dBm) 17.0667 C/N<sub>0</sub> (dB-Hz) 40 38 36 RCVR C/N<sub>0</sub> 30 s Filt C/N<sub>0</sub> -70 34 Handset Pwr C/N<sub>0</sub> Baseline 32 -80 1dB Line 1dB Point 30 -90 t<sub>GPS</sub> (s) 3.99 4.01 4.02 4.04 3.95 3.96 3.97 3.98 4.03 x 10<sup>5</sup>



Receiver 351 Average  $\text{C/N}_0$  for All Channels and Handset Power at Receiver for TE12/13 49 -10 397807 45 -20 47.80 -21.0667 41 -30 Handset Power (dBm) C/N<sub>0</sub> (dB-Hz) 37 -50 33 -60 29 RCVR C/N<sub>0</sub> 30 s Filt C/N<sub>0</sub> -70 25 Handset Pwr C/N<sub>0</sub> Baseline 21 -80 1dB Line 1dB Point 17 -90 3.96 3.97 4.01 4.02 3.95 3.98 3.99 4 4.03 4.04  $t_{GPS}$  (s) x 10<sup>5</sup> Receiver 352 Average C/N<sub>0</sub> for All Channels and Handset Power at Receiver for TE12/13 41 -10 -20 40 39 -30 9 6 6 6 Handset Power (dBm)  $C/N_0$  (dB-Hz) 38 37 36 RCVR C/N -70 35 30 s Filt C/N Handset Pwr 34 -80  ${\rm C/N}_0$  Baseline 1dB Line -90 33 t<sub>GPS</sub> (s) 3.97 3.99 4.01 4.02 4.04 3.95 3.98 4.03 3.96 x 10<sup>5</sup>





Receiver 364 Average  $\mathrm{C/N}_0$  for All Channels and Handset Power at Receiver for TE12/13 46 -10 43 -20 397649 43.94 -28.1333 40 -30 Handset Power (dBm)  $C/N_0$  (dB-Hz) 37 -50 34 -60 31 RCVR C/N<sub>0</sub> 30 s Filt  $\mathrm{C/N}_{\odot}$ -70 28 Handset Pwr C/N<sub>0</sub> Baseline 25 -80 1dB Line 1dB Point 22 -90 3.96 3.97 4.01 4.02 3.95 3.98 3.99 4 4.03 4.04  $t_{GPS}$  (s) x 10<sup>5</sup> Receiver 365 Average C/N<sub>0</sub> for All Channels and Handset Power at Receiver for TE12/13 49 -10 -20 48 47 Handset Power (dBm)  $C/N_0$  (dB-Hz) 46 -50 45 44 -60 RCVR C/N -70 43 30 s Filt C/N Handset Pwr 42 -80 C/N<sub>0</sub> Baseline 1dB Line -90 41 t<sub>GPS</sub> (s) 3.97 3.99 4.01 4.04 3.95 3.98 4.02 4.03 3.96 x 10<sup>5</sup>

Receiver 367 Average  $\mathrm{C/N}_0$  for All Channels and Handset Power at Receiver for TE12/13 49 -10 47 -20 45 -30 Handset Power (dBm)  $C/N_0$  (dB-Hz) 43 -50 39 -60 RCVR C/N<sub>0</sub> -70 37 30 s Filt C/N<sub>0</sub> Handset Pwr 35 C/N<sub>0</sub> Baseline -80 1dB Line -90 33 3.96 3.97 4.01 4.02 3.95 3.98 3.99 4 4.03 4.04  $t_{GPS}$  (s) x 10<sup>5</sup> Receiver 375 Average C/N<sub>0</sub> for All Channels and Handset Power at Receiver for TE12/13 50 -10 49 -20 48 -30 Handset Power (dBm) C/N<sub>0</sub> (dB-Hz) 47 398196 -50 46 46.61 -6.1 45 RCVR C/N 30 s Filt C/N<sub>0</sub> -70 44 Handset Pwr C/N<sub>0</sub> Baseline -80 43 1dB Line 1dB Point 42 -90 t<sub>GPS</sub> (s) 3.99 4.01 4.04 3.95 3.96 3.97 3.98 4.02 4.03 x 10<sup>5</sup>

Receiver 378 Average  $C/N_0$  for All Channels and Handset Power at Receiver for TE12/13 37 -10 35 -20 397316 34.65 33 Handset Power (dBm) -37.8333  $C/N_0$  (dB-Hz) 31 -50 29 -60 27 RCVR C/N<sub>0</sub> 30 s Filt C/N -70 25 Handset Pwr C/N<sub>0</sub> Baseline 23 -80 1dB Line 1dB Point 21 -90 3.96 3.97 4.01 4.02 3.95 3.98 3.99 4 4.03 4.04  $t_{GPS}$  (s) x 10<sup>5</sup> Receiver 379 Average C/N<sub>0</sub> for All Channels and Handset Power at Receiver for TE12/13 51 -10 -20 50 49 -30 Handset Power (dBm)  $C/N_0$  (dB-Hz) 48 398202 48.00 -50 47 -11.1 -60 46 RCVR C/N<sub>0</sub> 30 s Filt  $C/N_0$ -70 45 Handset Pwr C/N<sub>0</sub> Baseline -80 44 1dB Line 1dB Point 43 -90 ) 4 t<sub>GPS</sub> (s) 3.99 4.01 4.02 4.03 4.04 3.95 3.96 3.97 3.98 x 10<sup>5</sup>

