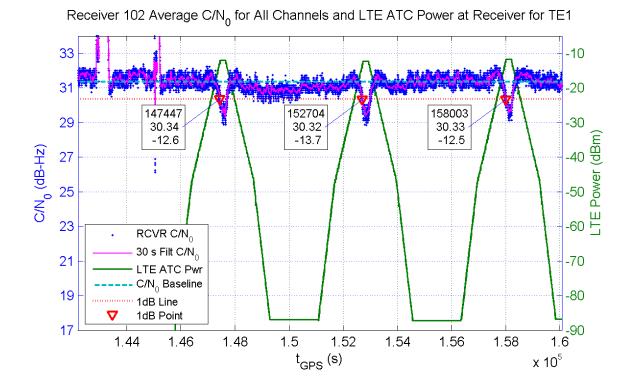
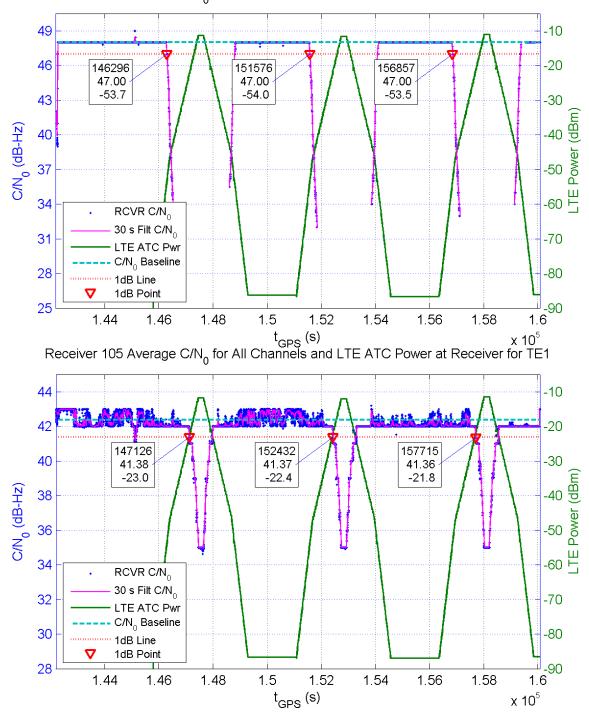
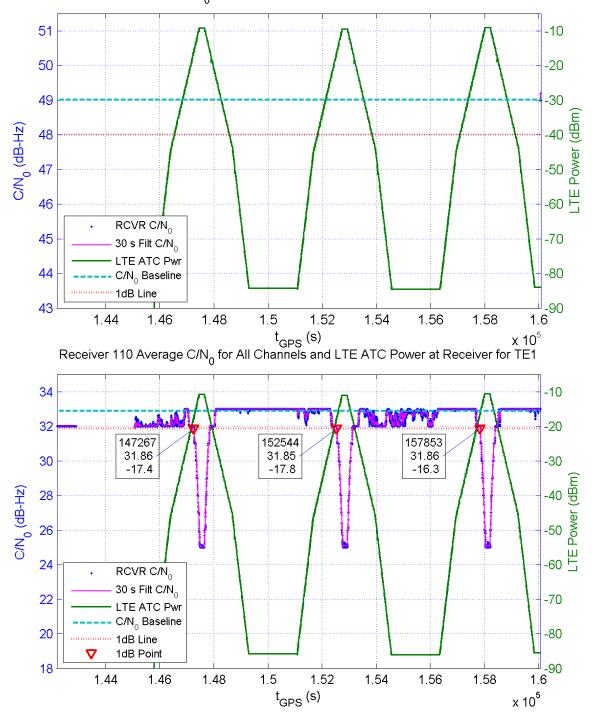
## Appendix D.1 DETAILED RESULTS TE1 AND TE10 The plots included in this appendix provide graphic results for TE1 and TE10 which were described in detail in the main document. The plots are provided in receiver order number.

## **RESULTS FOR TE1**

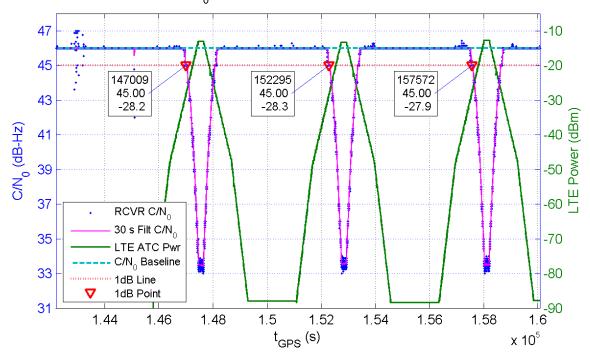




Receiver 103 Average  ${\rm C/N}_{\rm 0}$  for All Channels and LTE ATC Power at Receiver for TE1

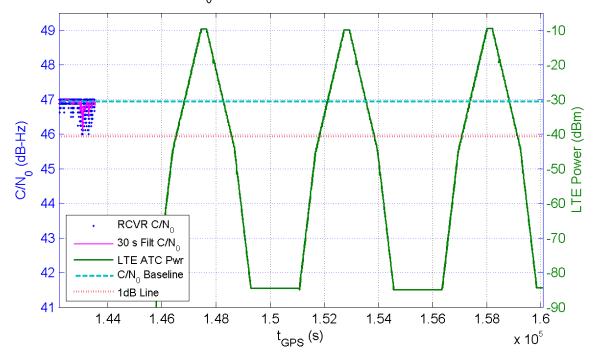


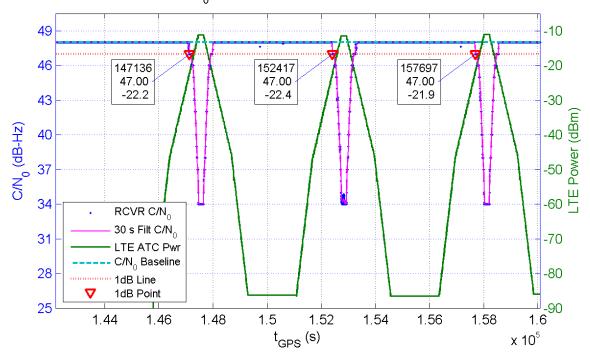
Receiver 109 Average C/N $_{\rm 0}$  for All Channels and LTE ATC Power at Receiver for TE1



Receiver 114 Average C/N $_{\rm 0}$  for All Channels and LTE ATC Power at Receiver for TE1

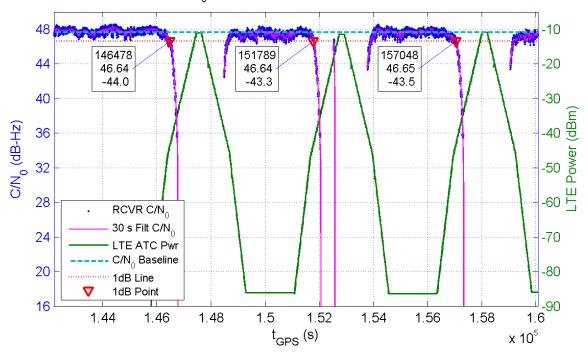


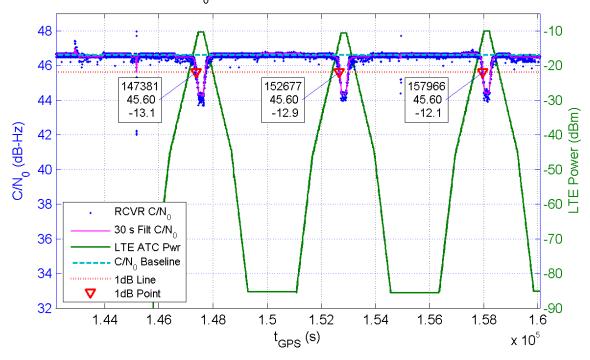




Receiver 116 Average  $C/N_0$  for All Channels and LTE ATC Power at Receiver for TE1

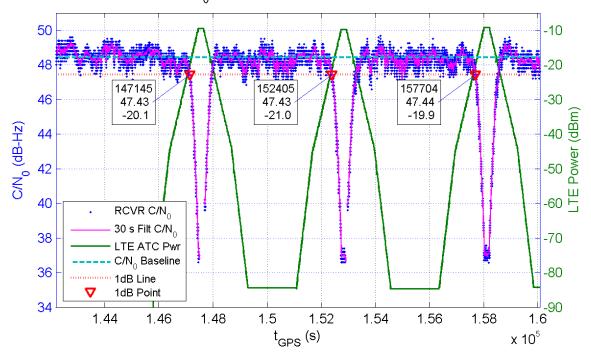


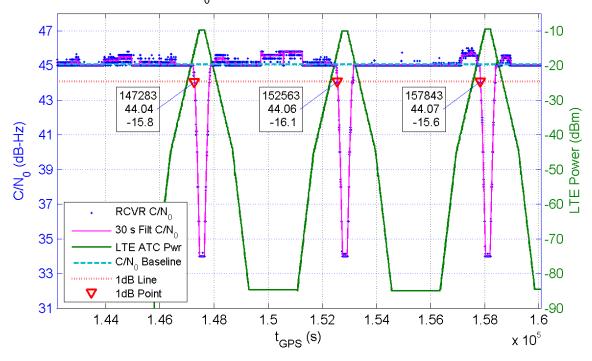




Receiver 118 Average  ${\rm C/N}_{\rm 0}$  for All Channels and LTE ATC Power at Receiver for TE1

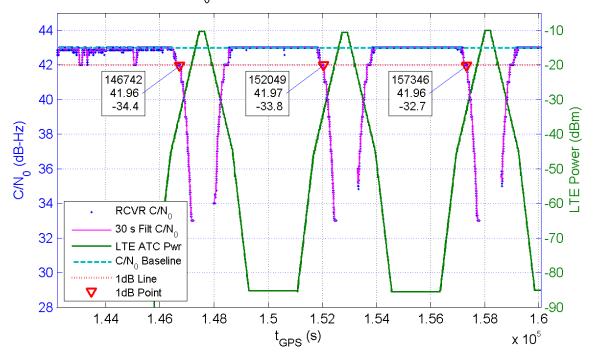


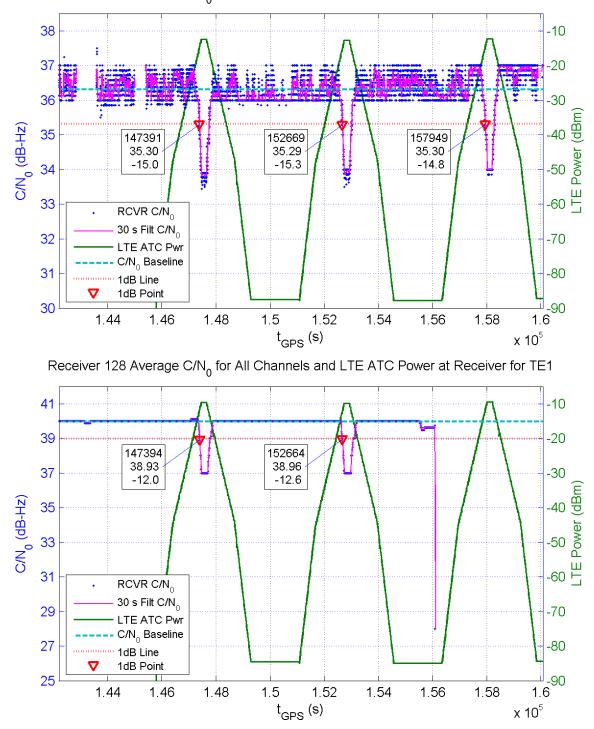




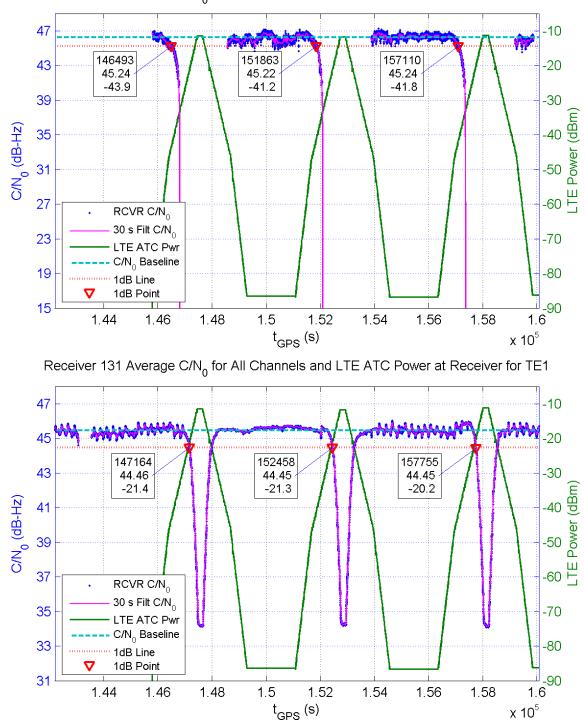
Receiver 124 Average C/N $_{\rm 0}$  for All Channels and LTE ATC Power at Receiver for TE1



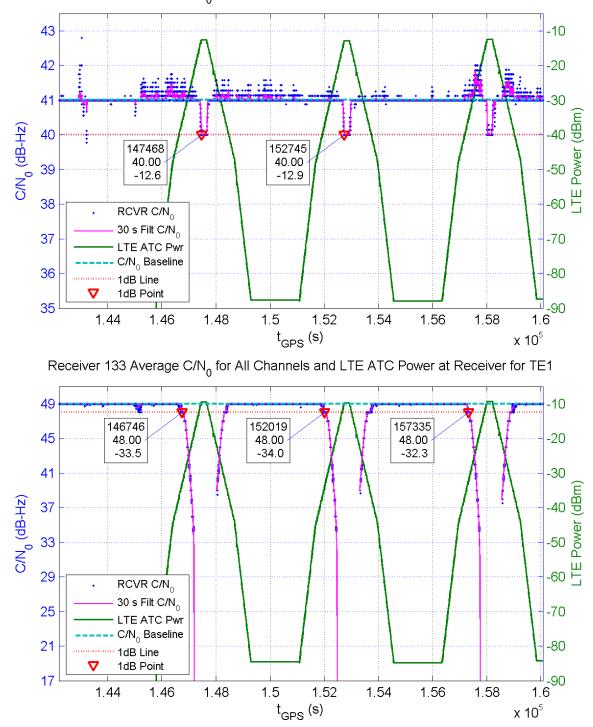




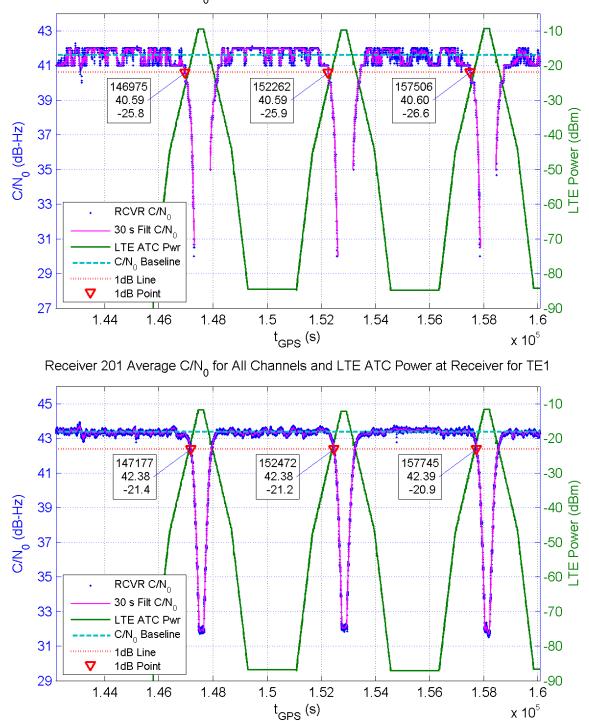
Receiver 127 Average C/N $_{\rm 0}$  for All Channels and LTE ATC Power at Receiver for TE1



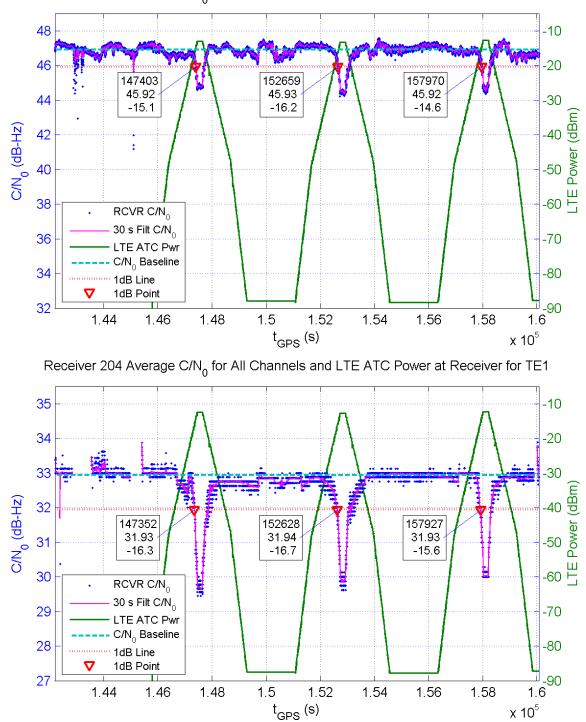
Receiver 129 Average C/N $_{\rm 0}$  for All Channels and LTE ATC Power at Receiver for TE1



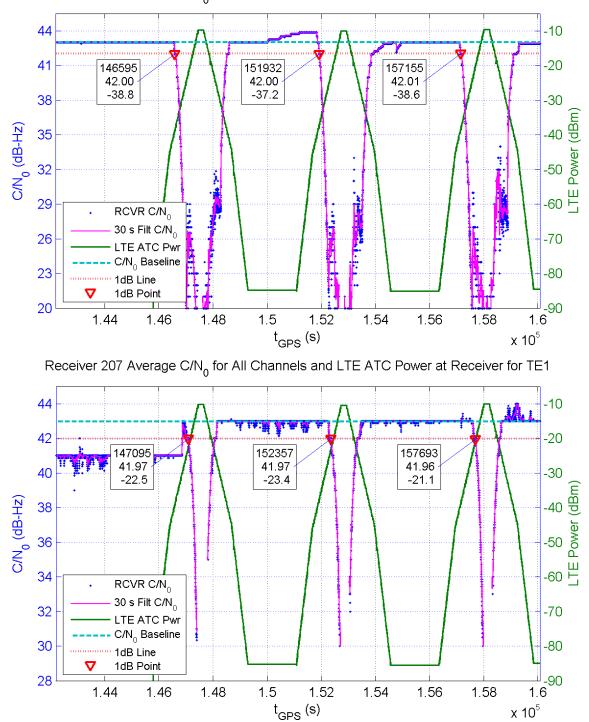
Receiver 132 Average C/N $_{\rm 0}$  for All Channels and LTE ATC Power at Receiver for TE1



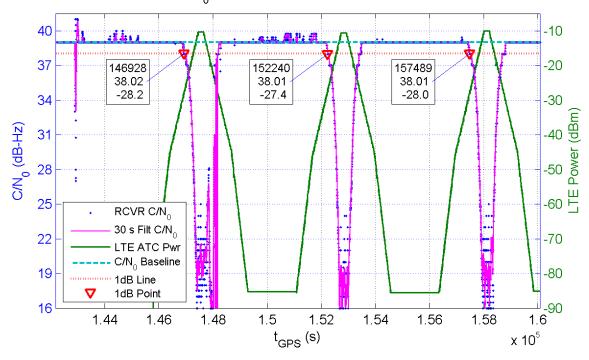
Receiver 134 Average  ${\rm C/N}_{\rm 0}$  for All Channels and LTE ATC Power at Receiver for TE1



Receiver 202 Average  ${\rm C/N}_{\rm 0}$  for All Channels and LTE ATC Power at Receiver for TE1

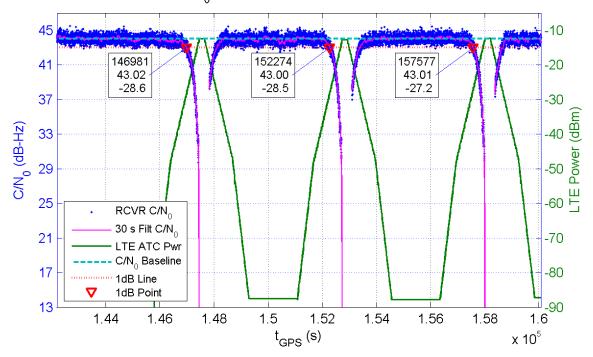


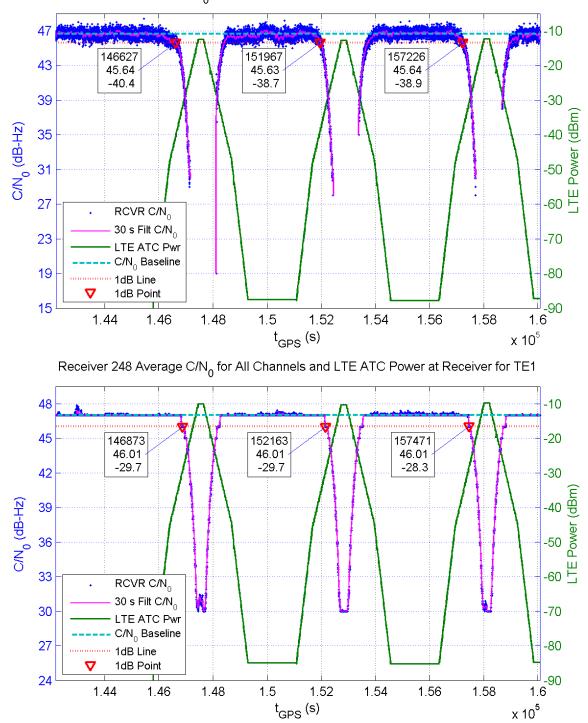
Receiver 206 Average  ${\rm C/N}_{\rm 0}$  for All Channels and LTE ATC Power at Receiver for TE1



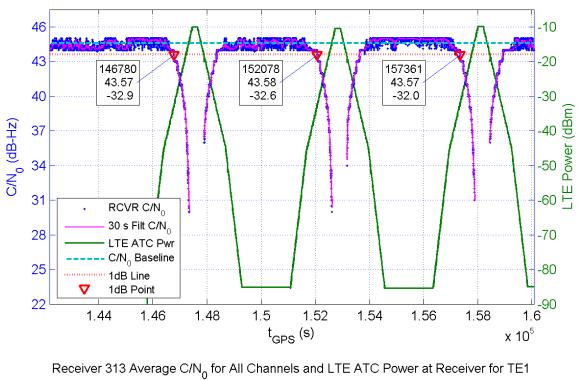
Receiver 208 Average  ${\rm C/N}_{\rm 0}$  for All Channels and LTE ATC Power at Receiver for TE1



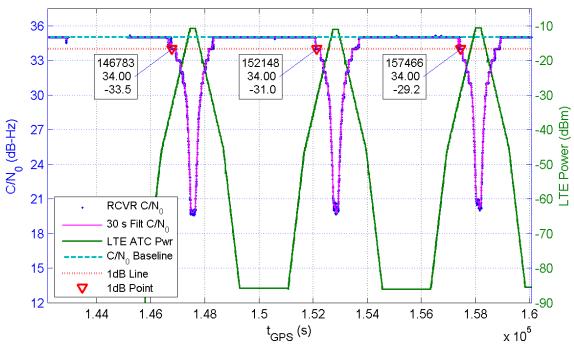


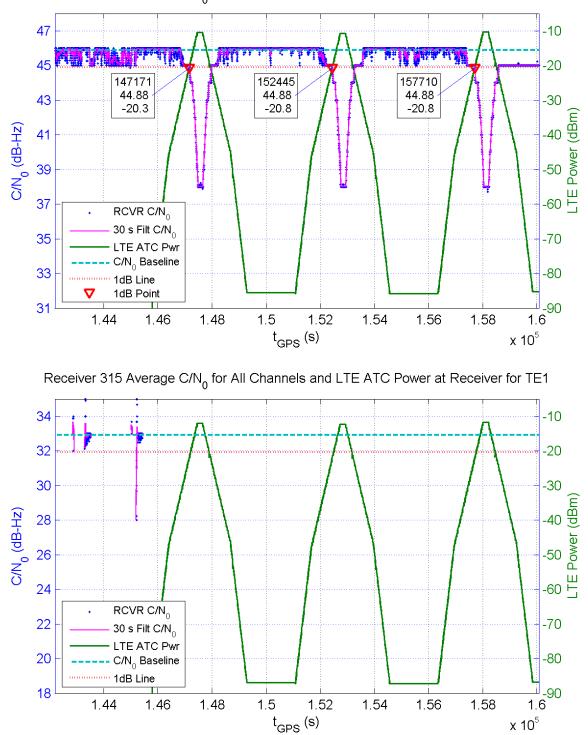


Receiver 247 Average  ${\rm C/N}_{\rm 0}$  for All Channels and LTE ATC Power at Receiver for TE1

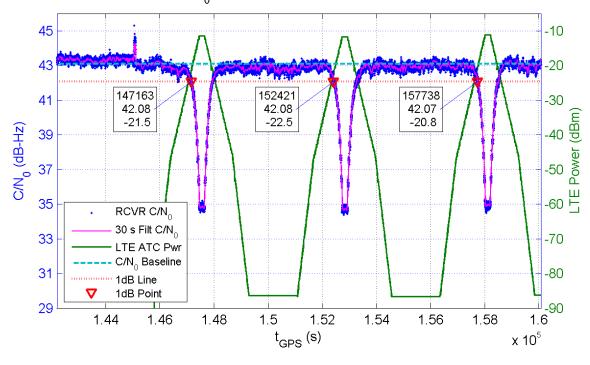


Receiver 249 Average  ${\rm C/N}_{\rm 0}$  for All Channels and LTE ATC Power at Receiver for TE1



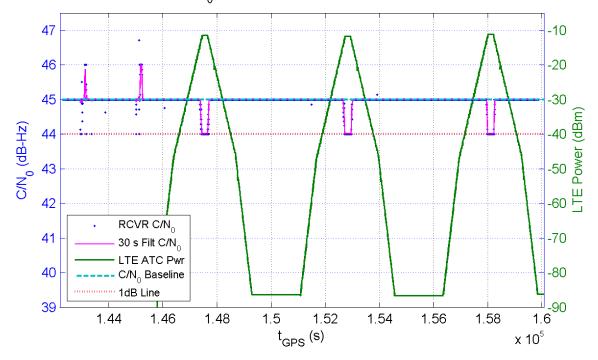


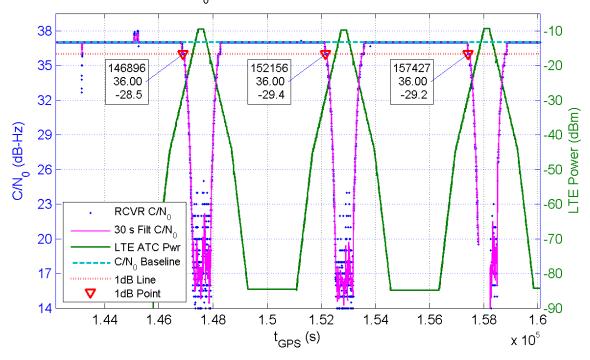
Receiver 314 Average  ${\rm C/N}_{\rm 0}$  for All Channels and LTE ATC Power at Receiver for TE1



Receiver 316 Average C/N $_{\rm 0}$  for All Channels and LTE ATC Power at Receiver for TE1

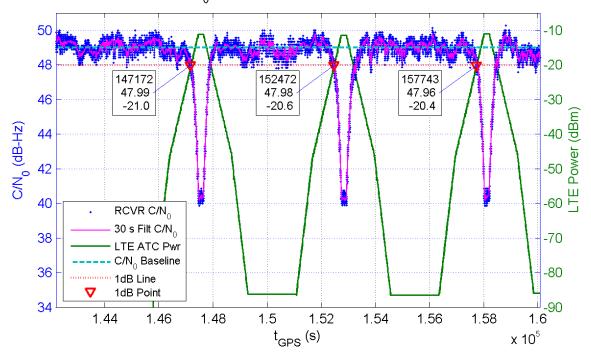


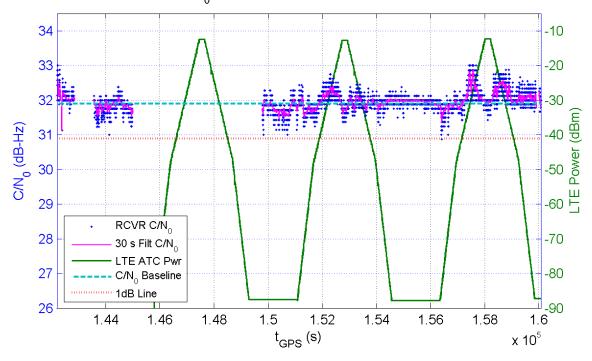




Receiver 320 Average  ${\rm C/N}_{\rm 0}$  for All Channels and LTE ATC Power at Receiver for TE1

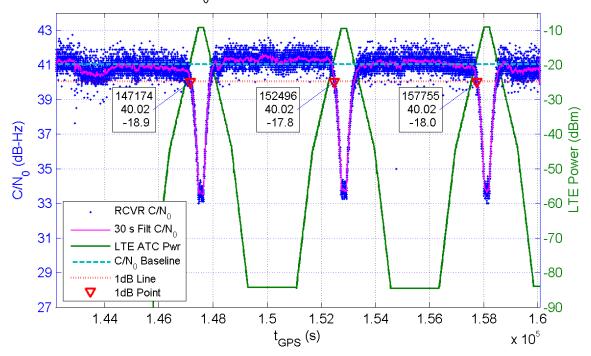


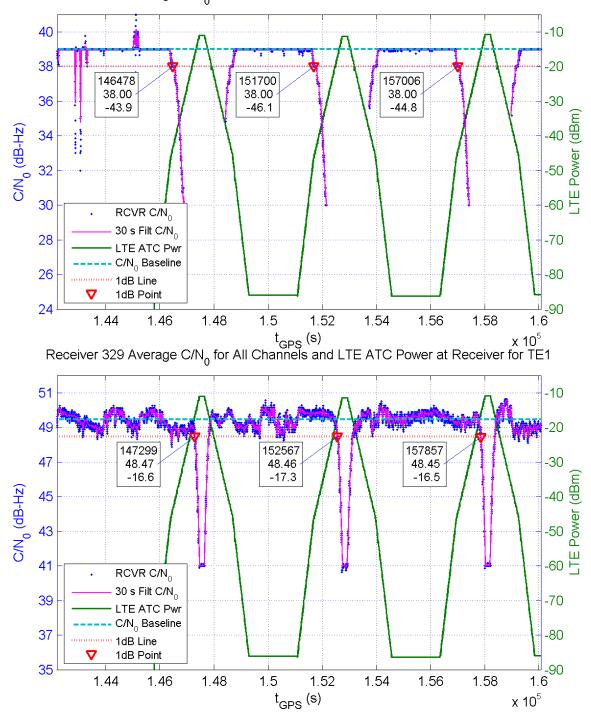




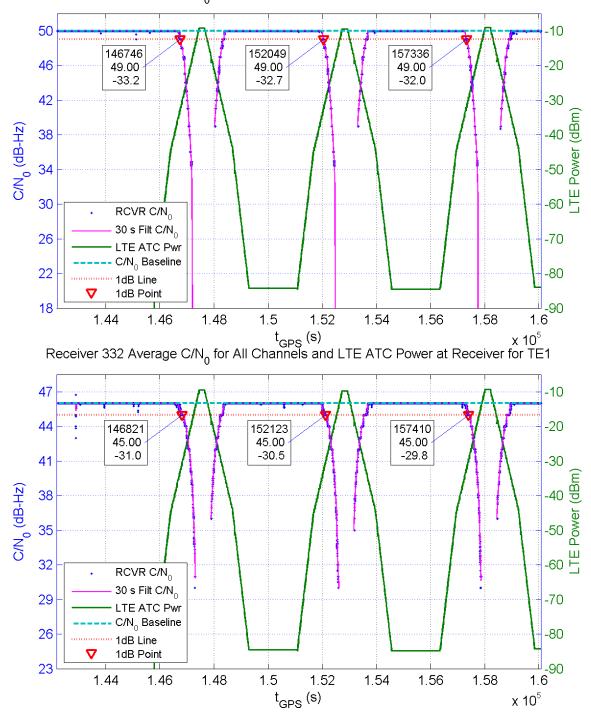
Receiver 322 Average C/N $_{\rm 0}$  for All Channels and LTE ATC Power at Receiver for TE1



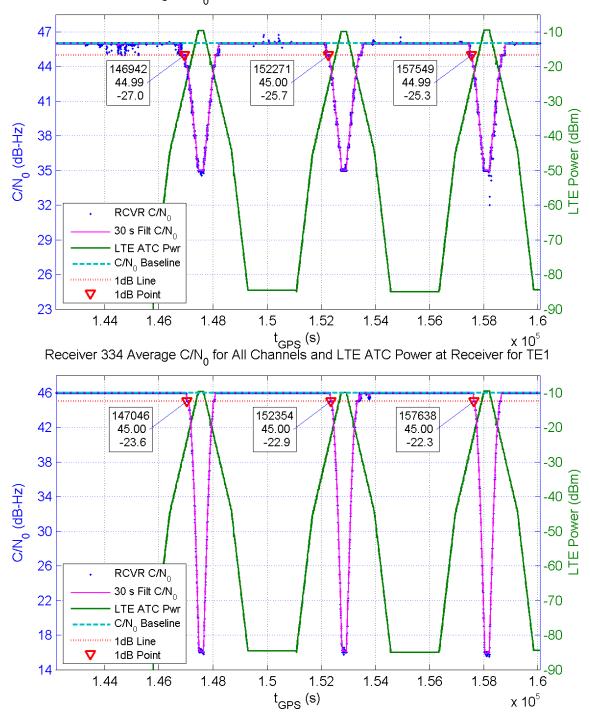




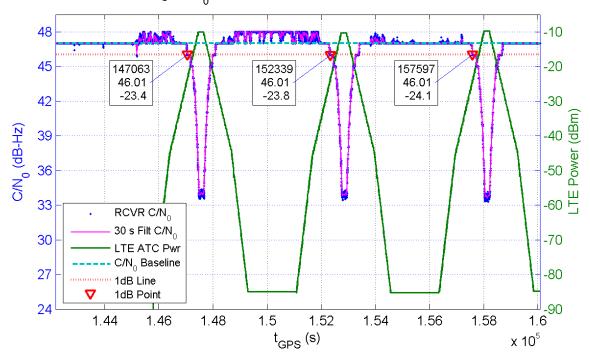
Receiver 328 Average  ${\rm C/N}_{\rm 0}$  for All Channels and LTE ATC Power at Receiver for TE1



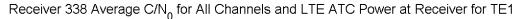
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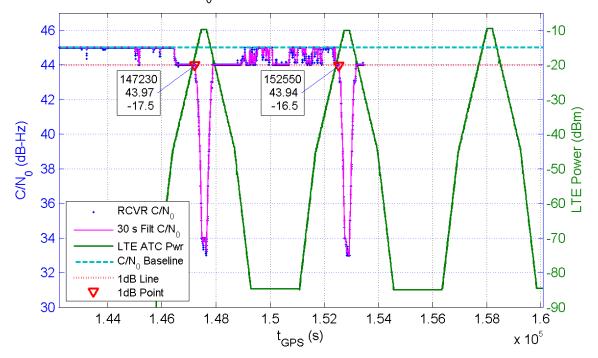


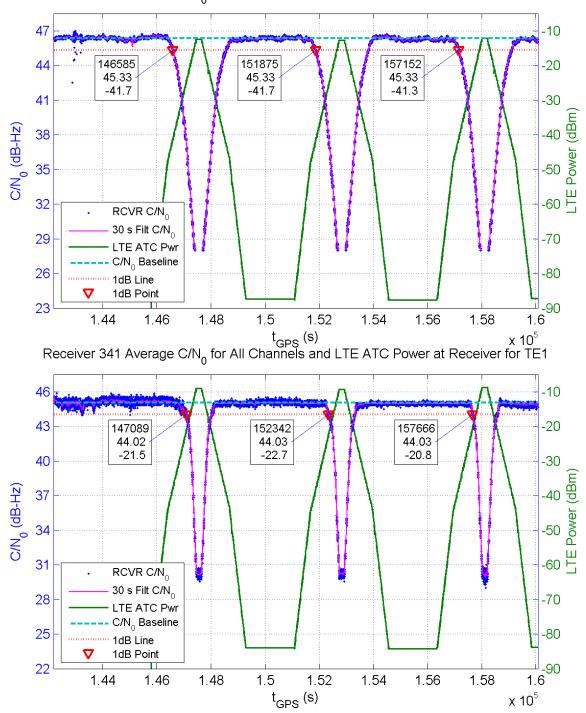
Receiver 333 Average  ${\rm C/N}_{\rm 0}$  for All Channels and LTE ATC Power at Receiver for TE1



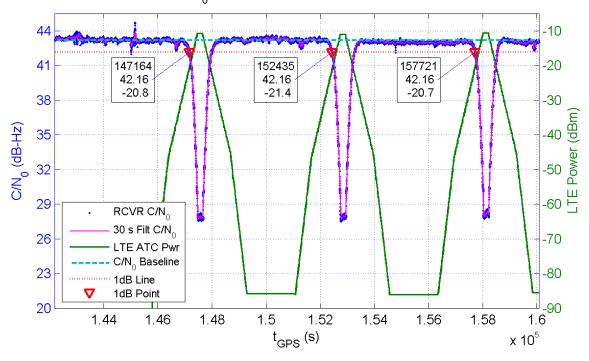
Receiver 337 Average  ${\rm C/N}_{\rm 0}$  for All Channels and LTE ATC Power at Receiver for TE1



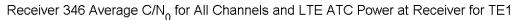


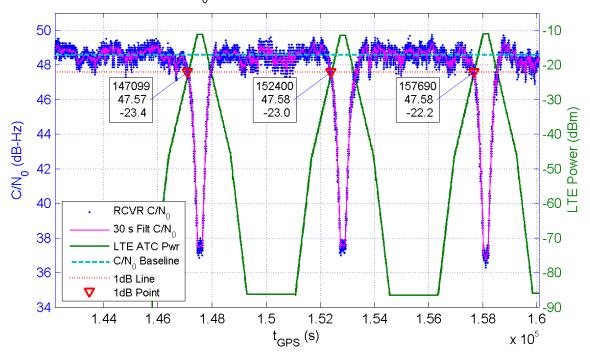


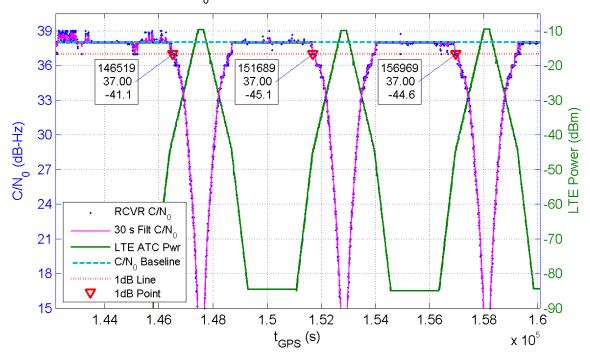
Receiver 339 Average  ${\rm C/N}_{\rm 0}$  for All Channels and LTE ATC Power at Receiver for TE1



Receiver 342 Average  ${\rm C/N}_{\rm 0}$  for All Channels and LTE ATC Power at Receiver for TE1

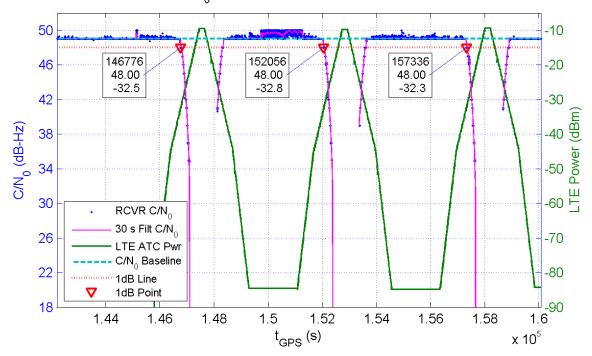


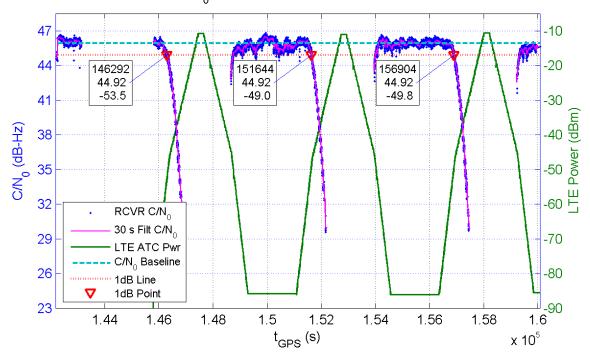




Receiver 347 Average  ${\rm C/N}_{\rm 0}$  for All Channels and LTE ATC Power at Receiver for TE1

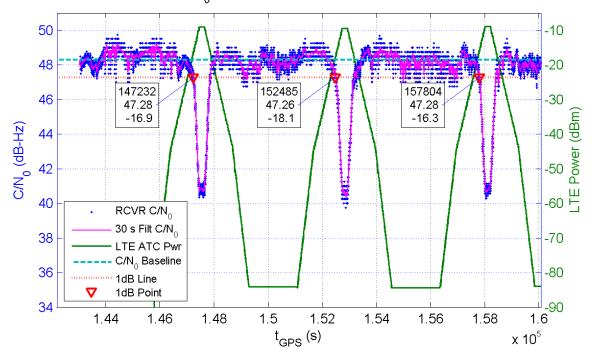


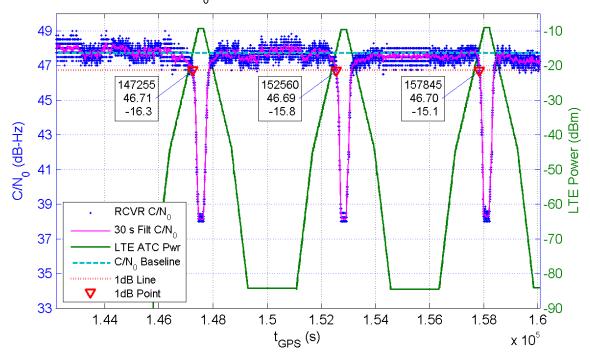




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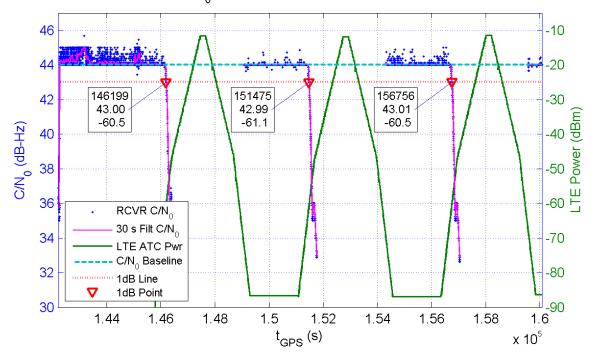


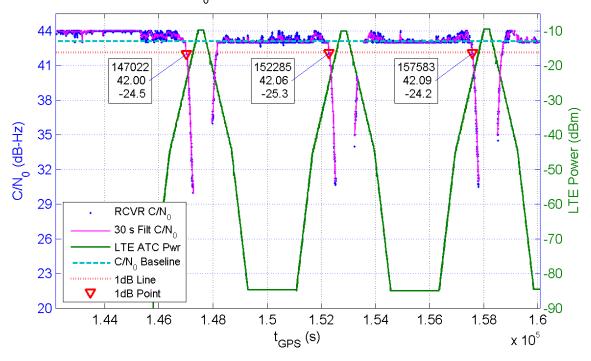




Receiver 356 Average  ${\rm C/N}_{\rm 0}$  for All Channels and LTE ATC Power at Receiver for TE1

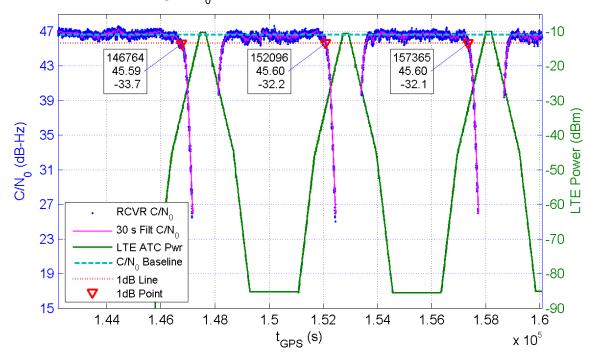


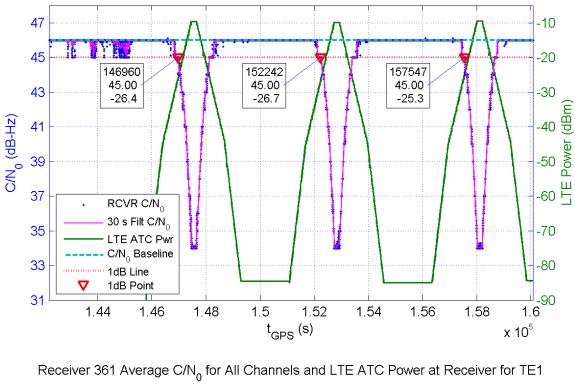




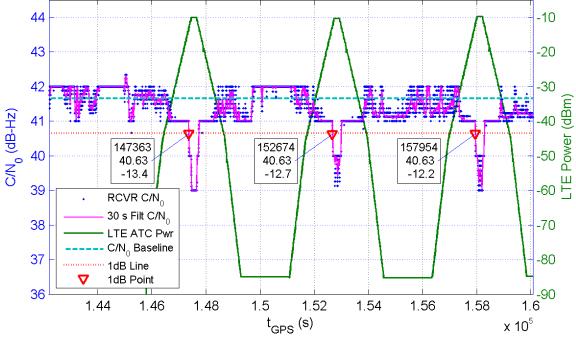
Receiver 358 Average  ${\rm C/N}_{\rm 0}$  for All Channels and LTE ATC Power at Receiver for TE1

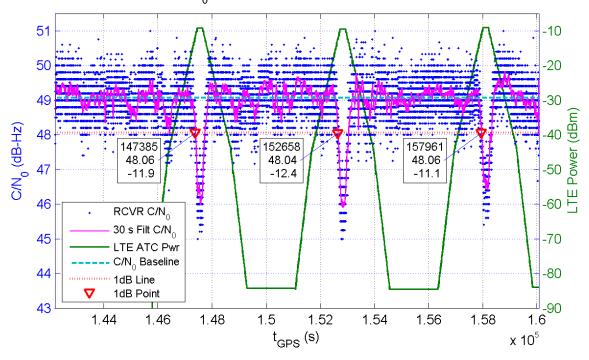






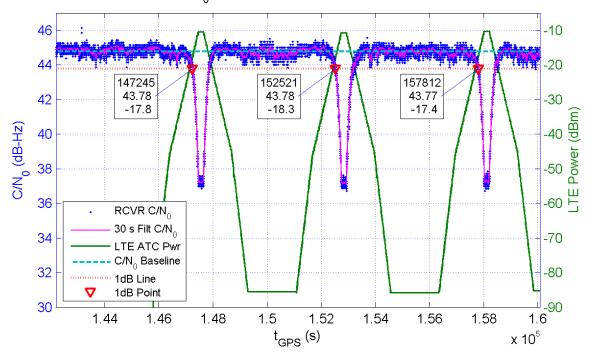
Receiver 360 Average  ${\rm C/N}_{\rm 0}$  for All Channels and LTE ATC Power at Receiver for TE1

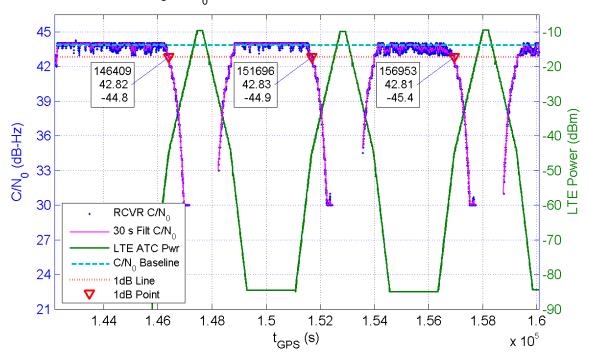




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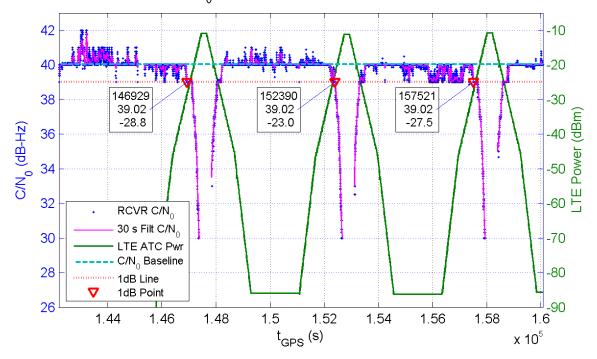


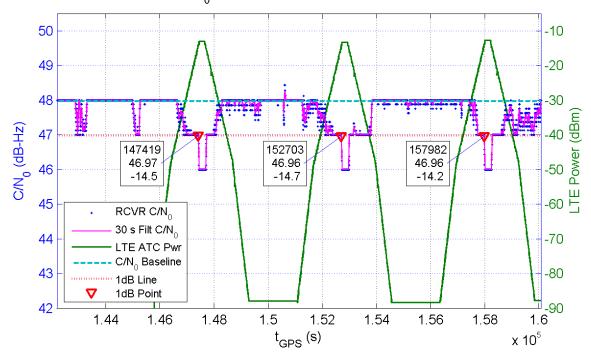




Receiver 366 Average  ${\rm C/N}_{\rm 0}$  for All Channels and LTE ATC Power at Receiver for TE1

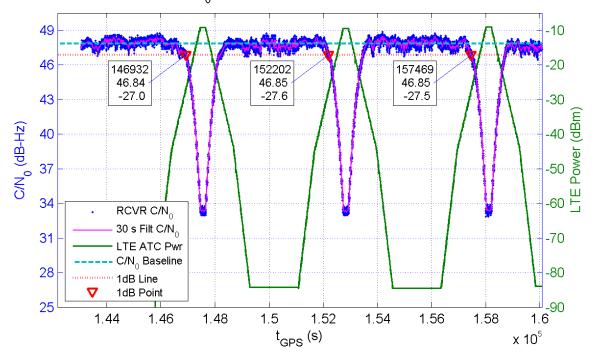


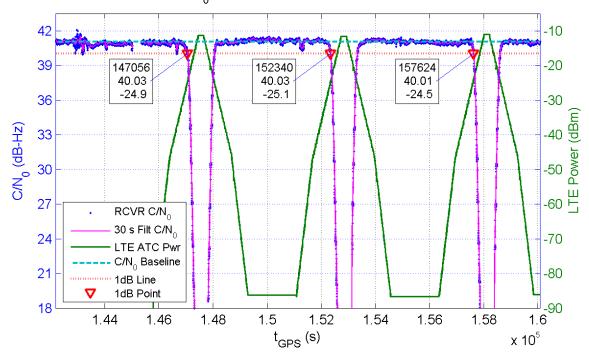




Receiver 369 Average C/N $_{\rm 0}$  for All Channels and LTE ATC Power at Receiver for TE1

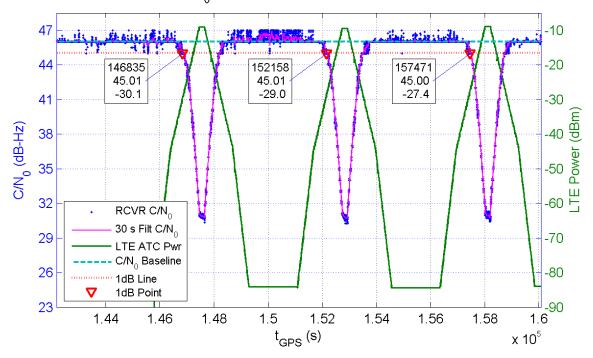


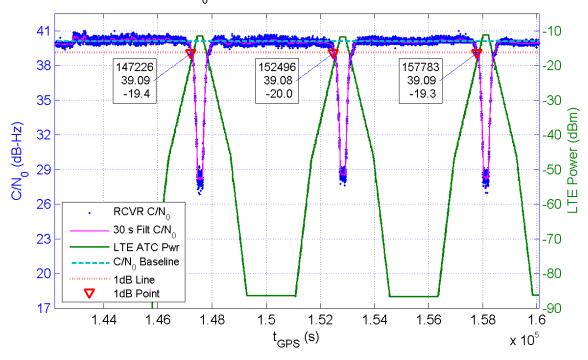




Receiver 371 Average  ${\rm C/N}_{\rm 0}$  for All Channels and LTE ATC Power at Receiver for TE1

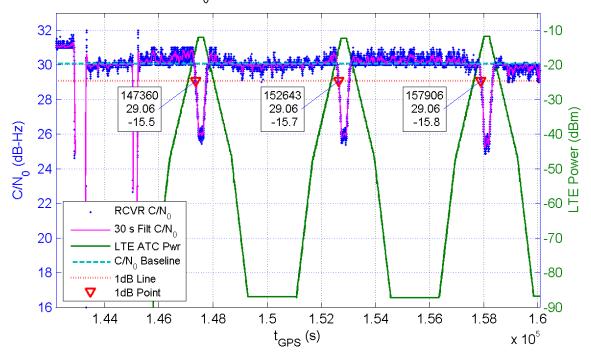


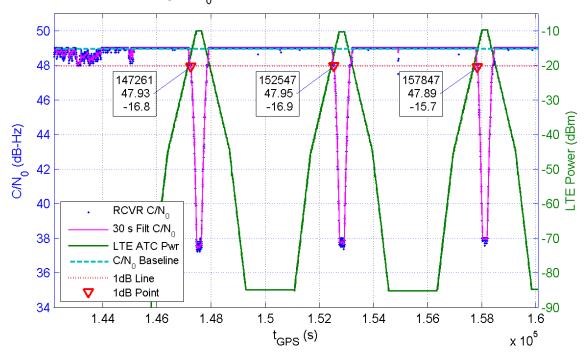




Receiver 374 Average C/N $_{\rm 0}$  for All Channels and LTE ATC Power at Receiver for TE1

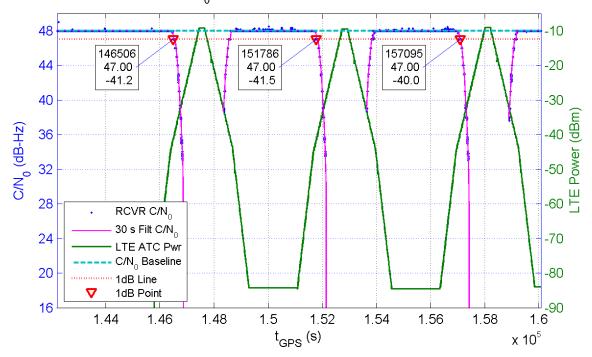


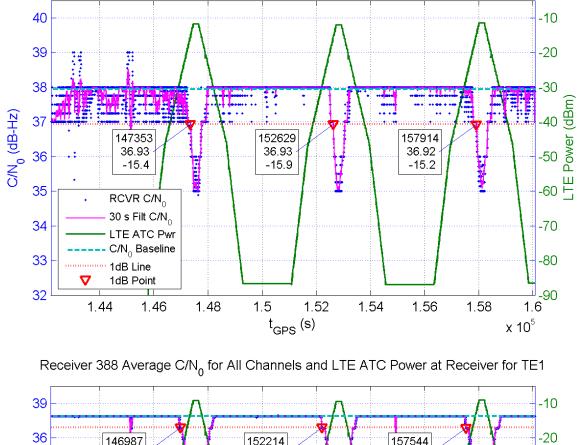




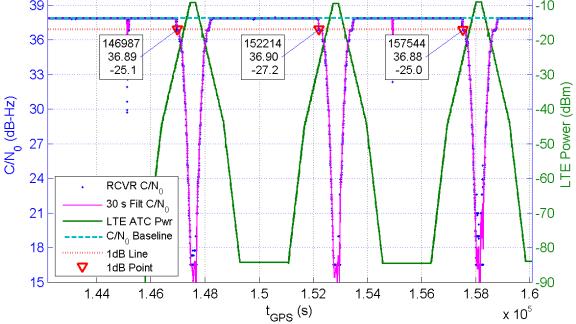
Receiver 379 Average C/N  $_{\rm 0}$  for All Channels and LTE ATC Power at Receiver for TE1

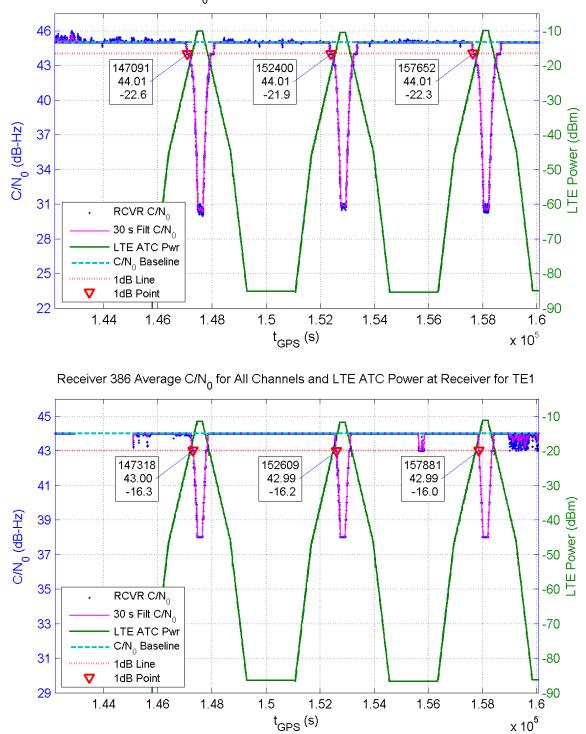




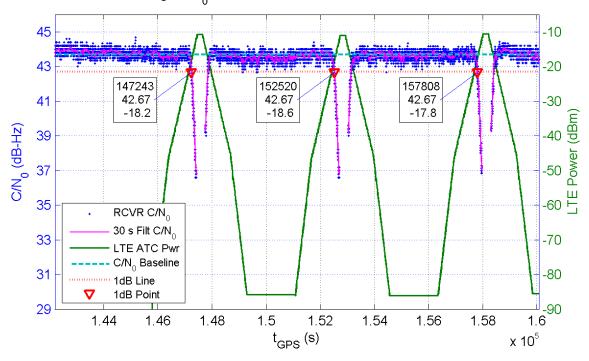


Receiver 383 Average  ${\rm C/N}_{\rm 0}$  for All Channels and LTE ATC Power at Receiver for TE1



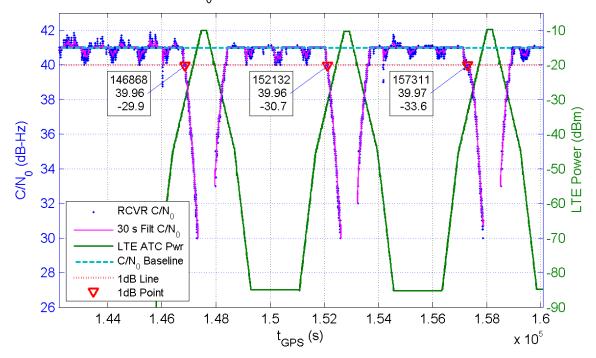


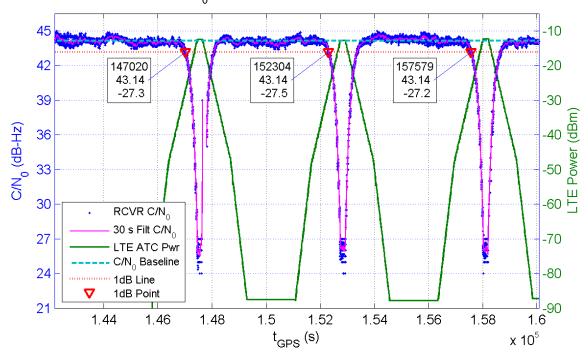
Receiver 389 Average  ${\rm C/N}_{\rm 0}$  for All Channels and LTE ATC Power at Receiver for TE1



Receiver 390 Average  ${\rm C/N}_{\rm 0}$  for All Channels and LTE ATC Power at Receiver for TE1

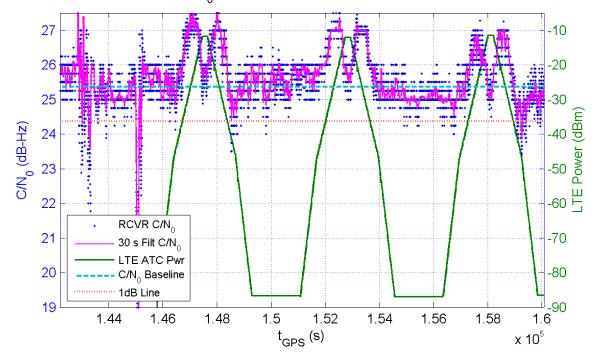


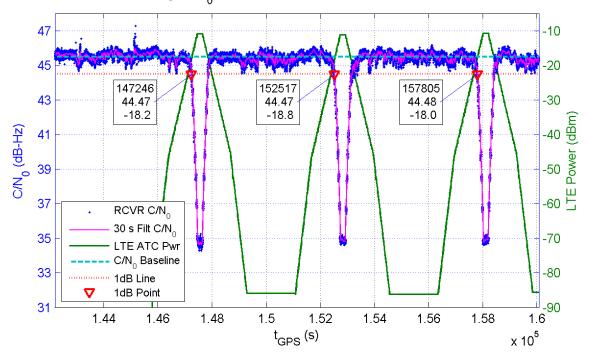




Receiver 394 Average  ${\rm C/N}_{\rm 0}$  for All Channels and LTE ATC Power at Receiver for TE1

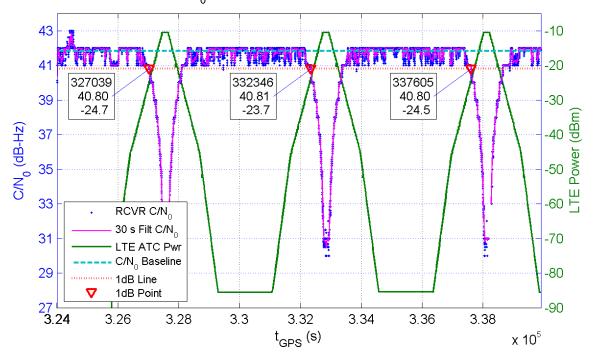




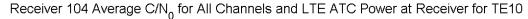


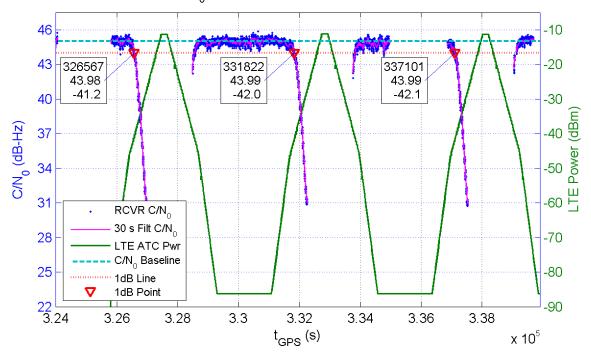
Receiver 396 Average C/N $_{\rm 0}$  for All Channels and LTE ATC Power at Receiver for TE1

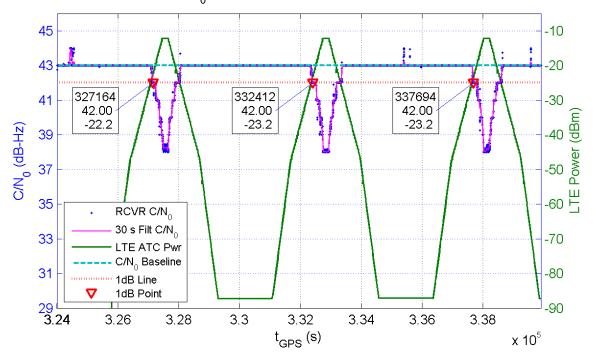
## **RESULTS FOR TE10**



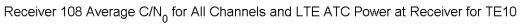
Receiver 100 Average C/N $_0$  for All Channels and LTE ATC Power at Receiver for TE10

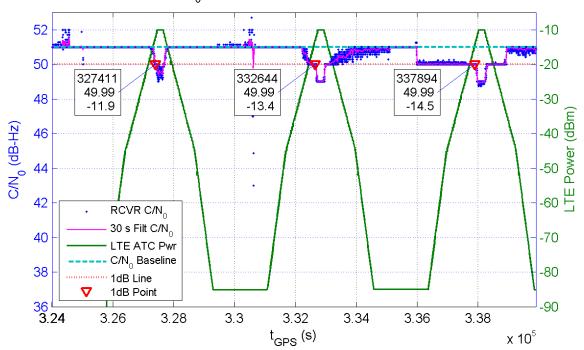


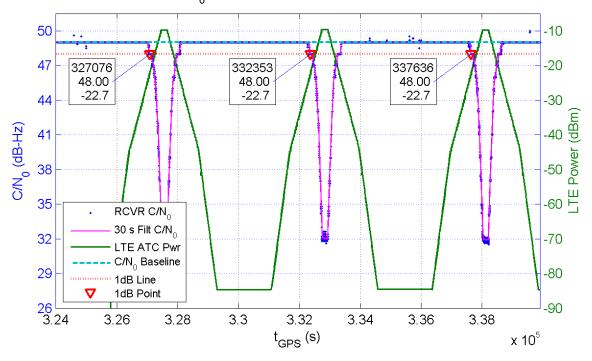




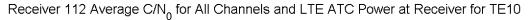
Receiver 105 Average  $C/N_0$  for All Channels and LTE ATC Power at Receiver for TE10

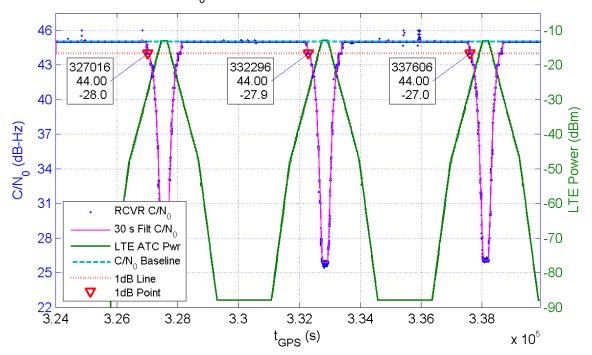


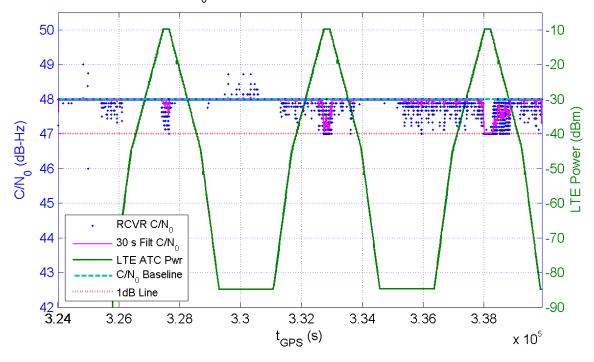




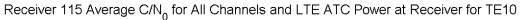
Receiver 109 Average  $C/N_0$  for All Channels and LTE ATC Power at Receiver for TE10

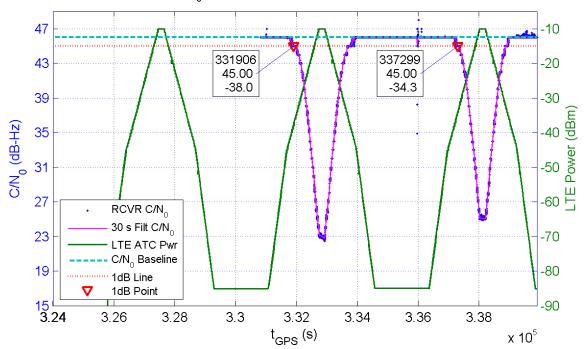


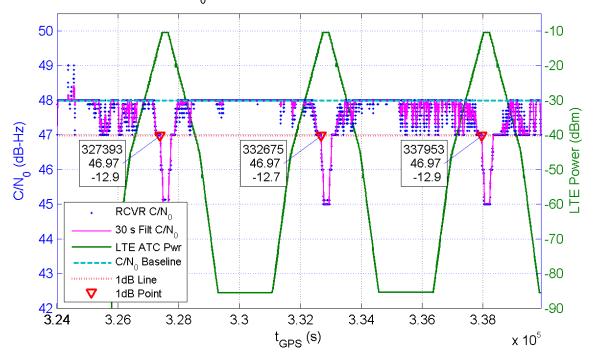




Receiver 113 Average  $C/N_0$  for All Channels and LTE ATC Power at Receiver for TE10

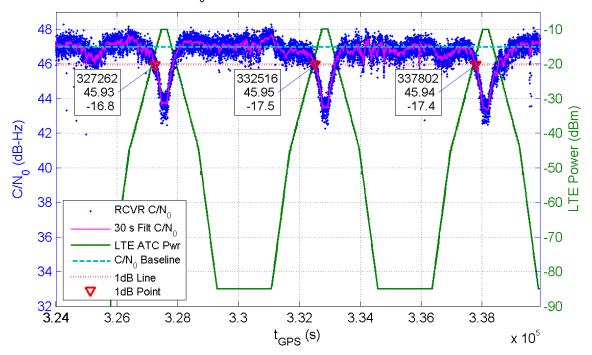


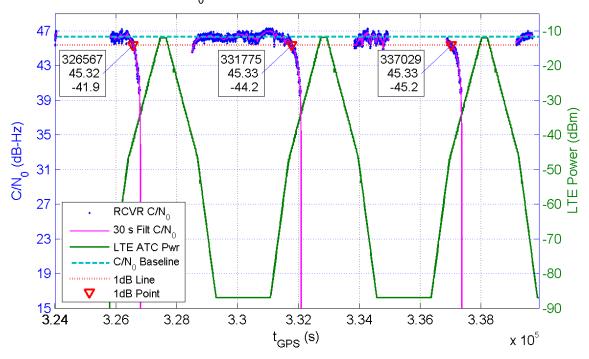




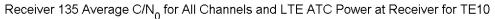
Receiver 119 Average C/N $_0$  for All Channels and LTE ATC Power at Receiver for TE10

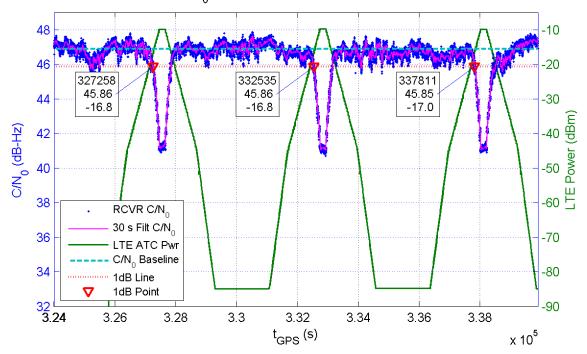


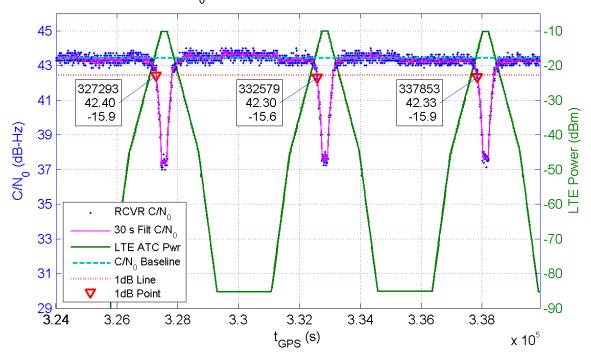




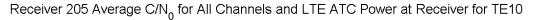
Receiver 129 Average  ${\rm C/N}_{\rm 0}$  for All Channels and LTE ATC Power at Receiver for TE10

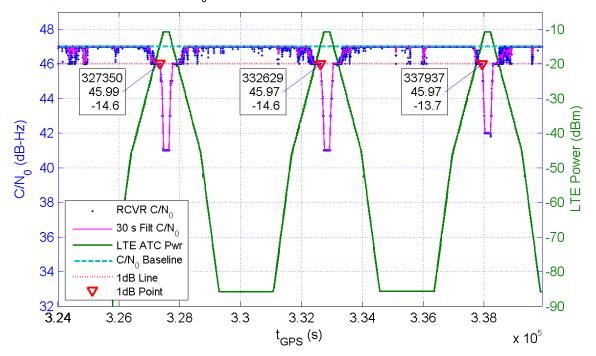


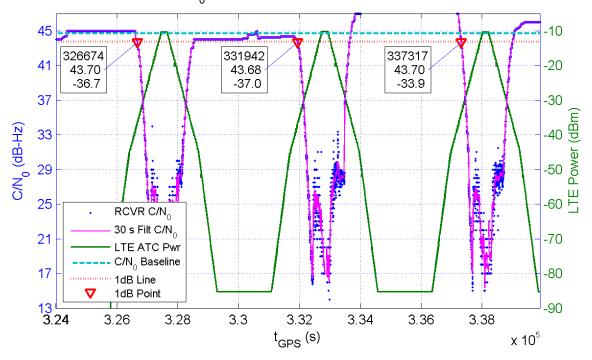




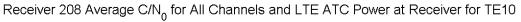
Receiver 203 Average  $C/N_0$  for All Channels and LTE ATC Power at Receiver for TE10

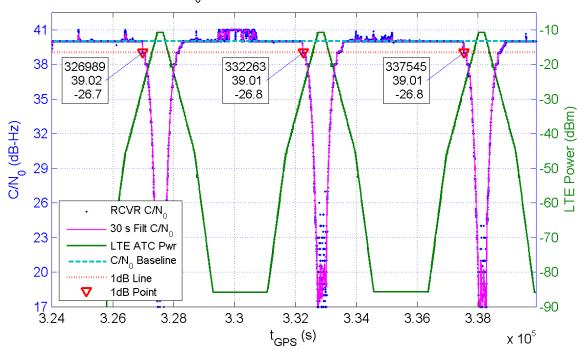


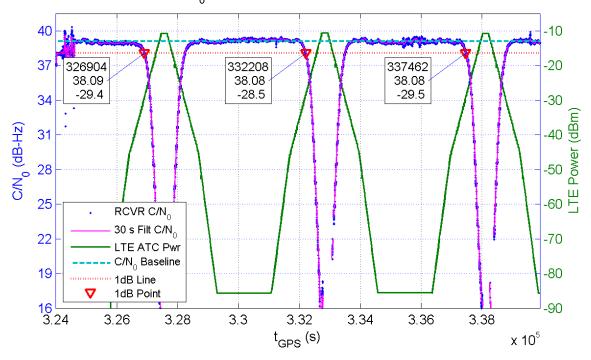




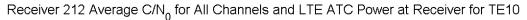
Receiver 206 Average  ${\rm C/N}_{\rm 0}$  for All Channels and LTE ATC Power at Receiver for TE10

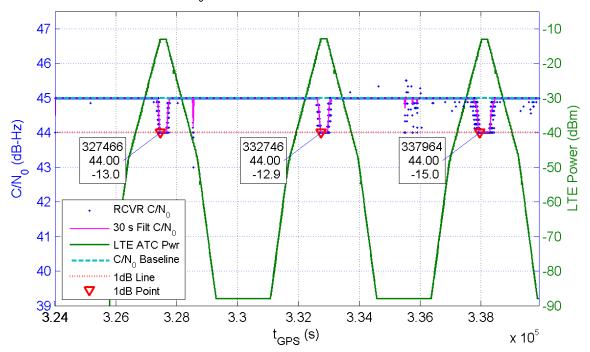


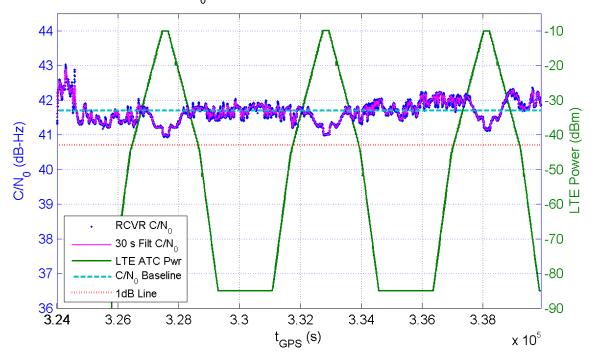




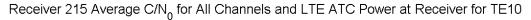
Receiver 211 Average  $C/N_0$  for All Channels and LTE ATC Power at Receiver for TE10

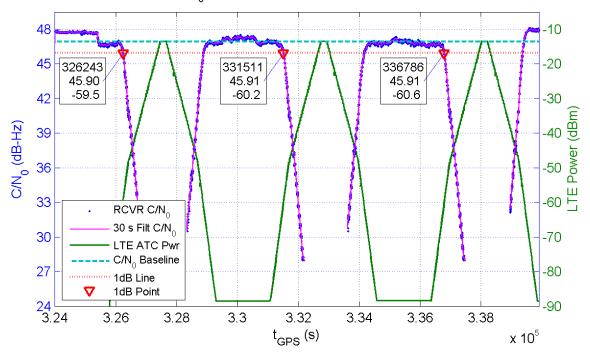


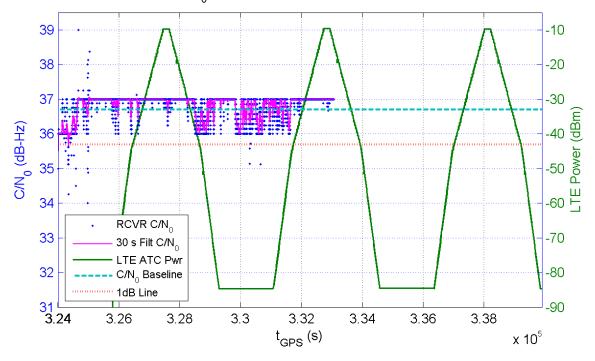




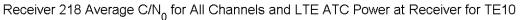
Receiver 214 Average C/N $_{\rm 0}$  for All Channels and LTE ATC Power at Receiver for TE10

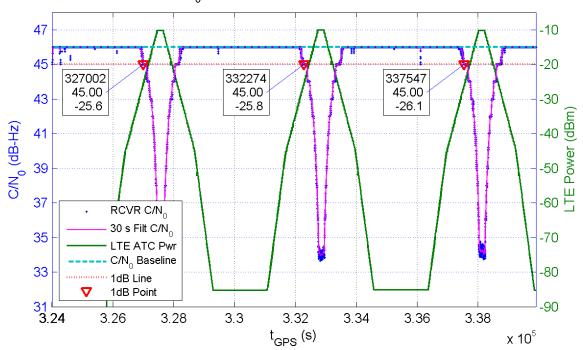


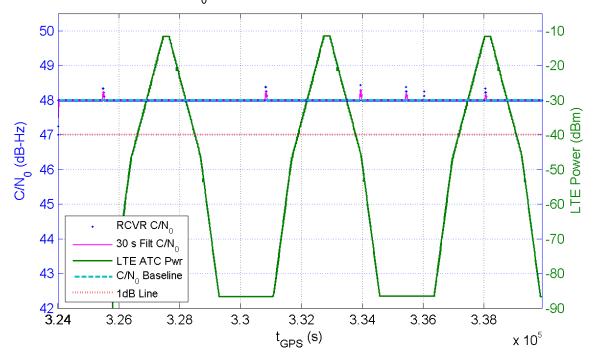




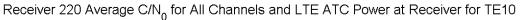
Receiver 217 Average C/N $_{\rm 0}$  for All Channels and LTE ATC Power at Receiver for TE10

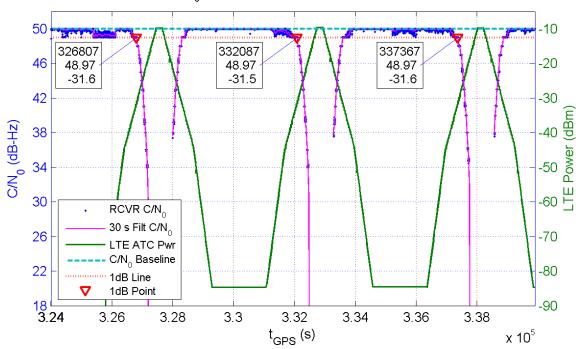


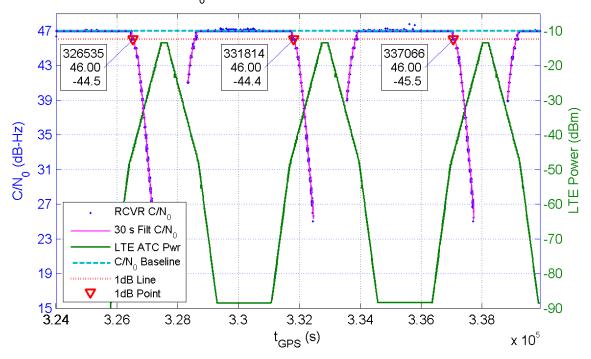




Receiver 219 Average C/N $_{\rm 0}$  for All Channels and LTE ATC Power at Receiver for TE10

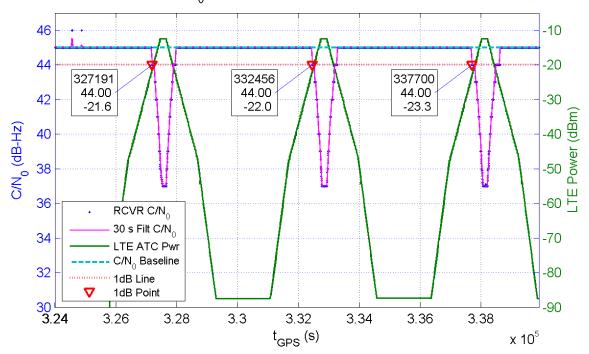


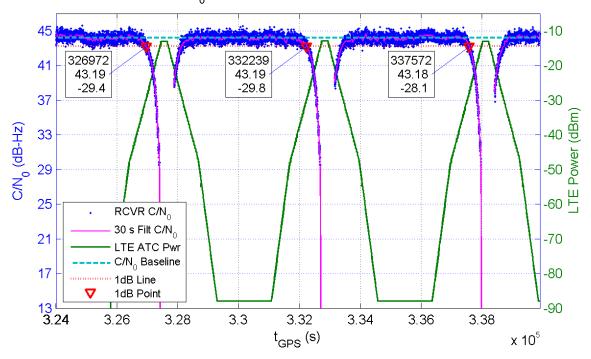




Receiver 231 Average C/N $_{\rm 0}$  for All Channels and LTE ATC Power at Receiver for TE10

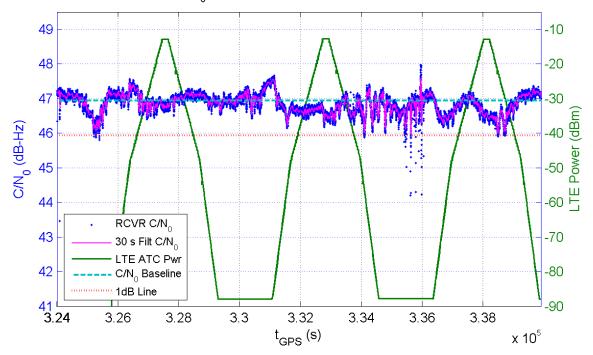


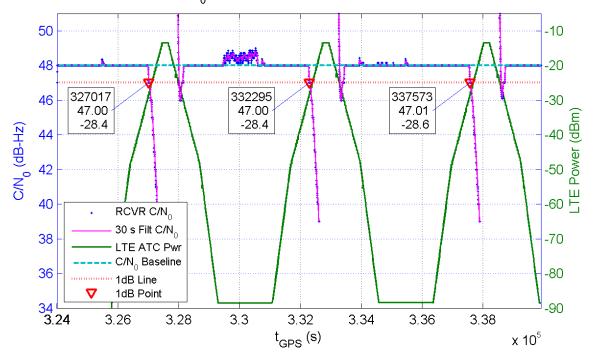




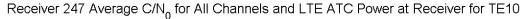
Receiver 235 Average  ${\rm C/N}_{\rm 0}$  for All Channels and LTE ATC Power at Receiver for TE10

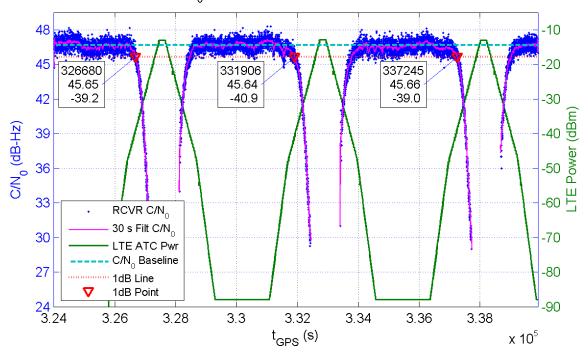


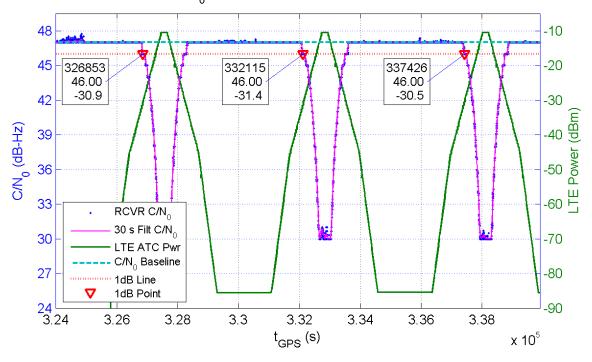




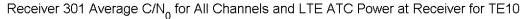
Receiver 246 Average  $C/N_0$  for All Channels and LTE ATC Power at Receiver for TE10

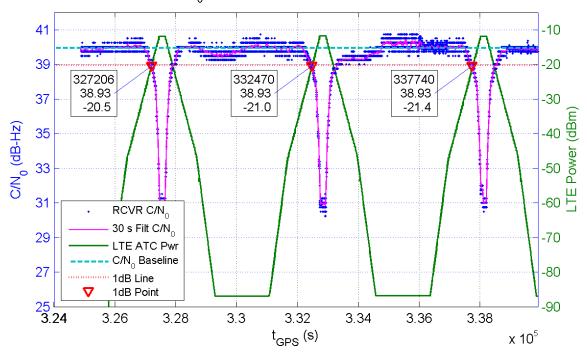


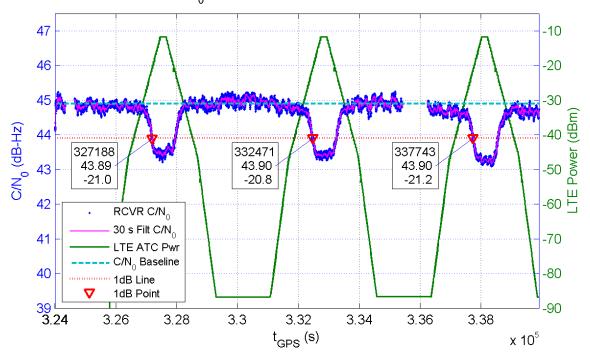




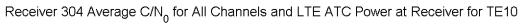
Receiver 248 Average  $C/N_0$  for All Channels and LTE ATC Power at Receiver for TE10

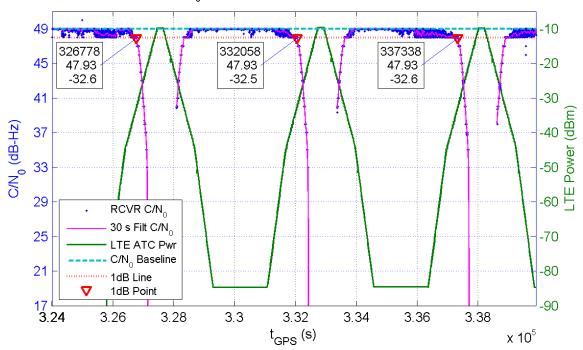


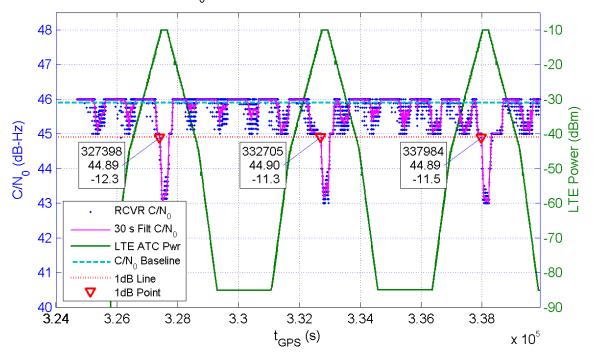




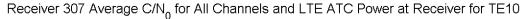
Receiver 302 Average  ${\rm C/N}_{\rm 0}$  for All Channels and LTE ATC Power at Receiver for TE10

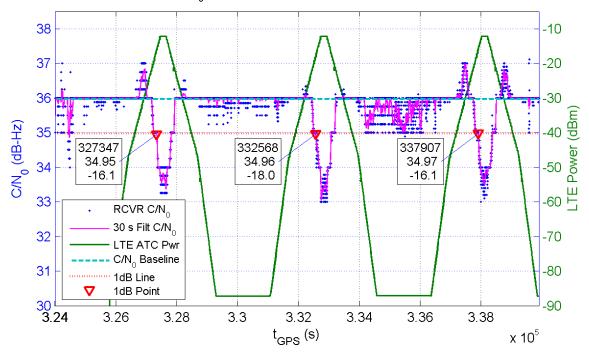


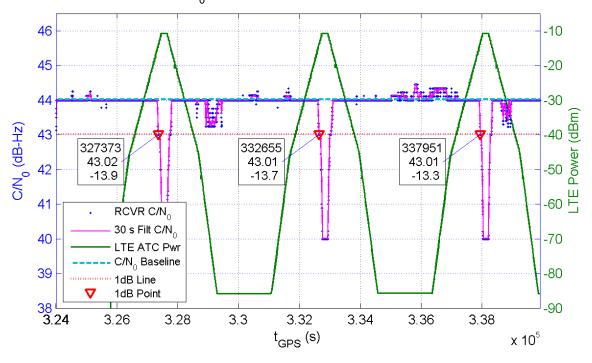




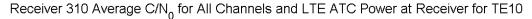
Receiver 306 Average C/N $_0$  for All Channels and LTE ATC Power at Receiver for TE10

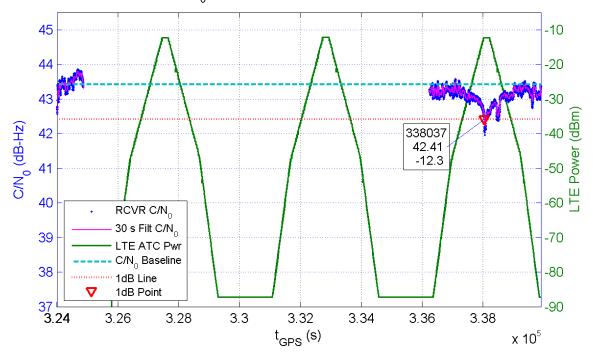


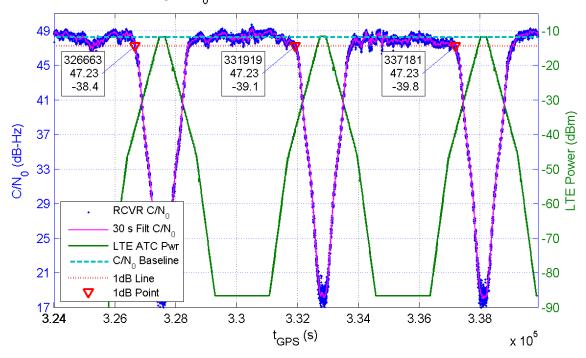




Receiver 308 Average  ${\rm C/N}_{\rm 0}$  for All Channels and LTE ATC Power at Receiver for TE10

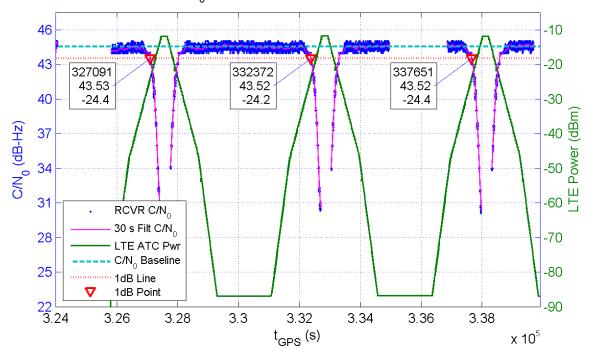


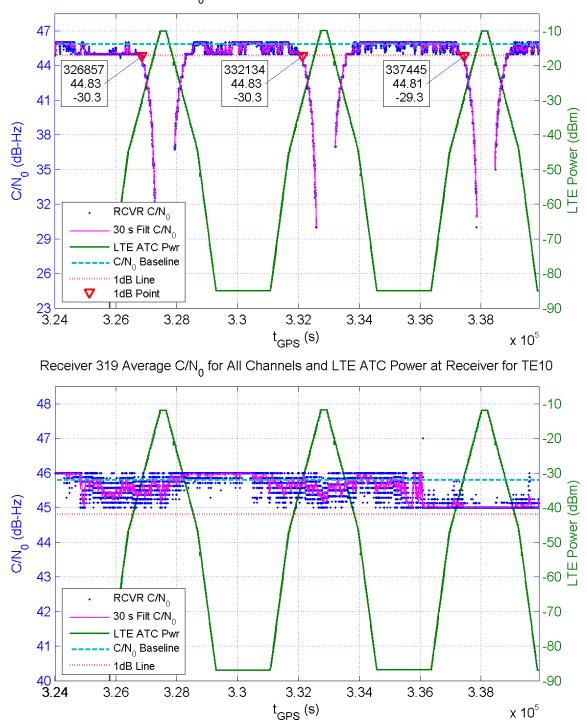




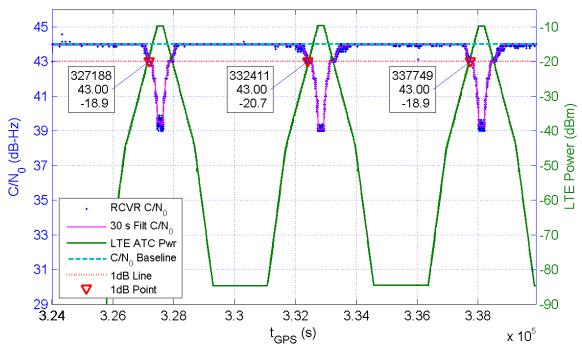
Receiver 312 Average  ${\rm C/N}_0$  for All Channels and LTE ATC Power at Receiver for TE10





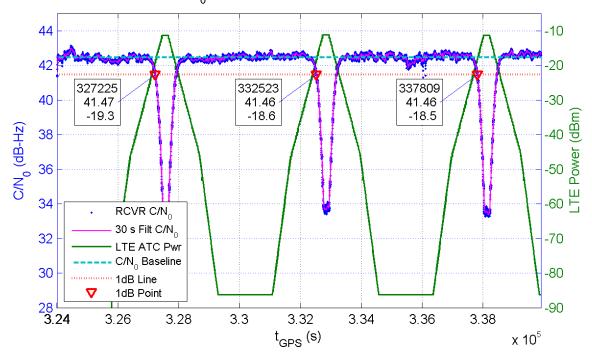


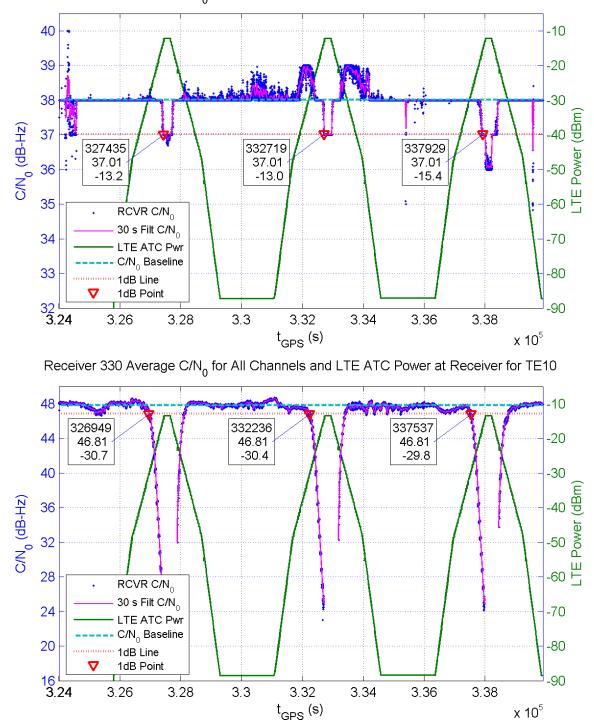
Receiver 318 Average  ${\rm C/N}_{\rm 0}$  for All Channels and LTE ATC Power at Receiver for TE10



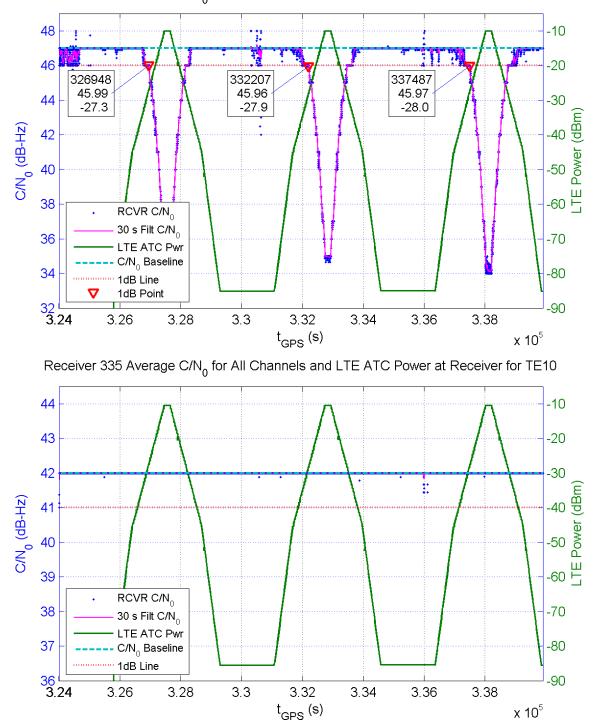
Receiver 325 Average  ${\rm C/N}_{\rm 0}$  for All Channels and LTE ATC Power at Receiver for TE10



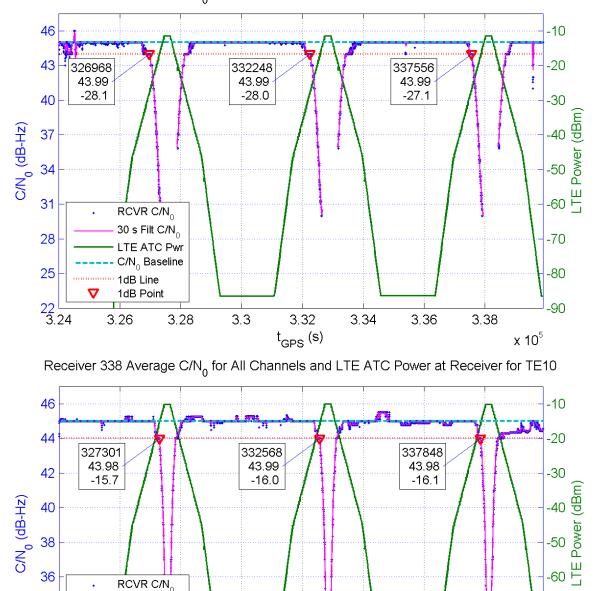




Receiver 327 Average C/N $_{\rm 0}$  for All Channels and LTE ATC Power at Receiver for TE10



Receiver 333 Average  ${\rm C/N}_{\rm 0}$  for All Channels and LTE ATC Power at Receiver for TE10



36

34

32

30 3.24

RCVR C/N<sub>0</sub> 30 s Filt C/N

LTE ATC Pwr C/N<sub>0</sub> Baseline

3.28

3.3

1dB Line 1dB Point

3.26

Receiver 336 Average  $C/N_0$  for All Channels and LTE ATC Power at Receiver for TE10

3.32

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

3.34

3.36

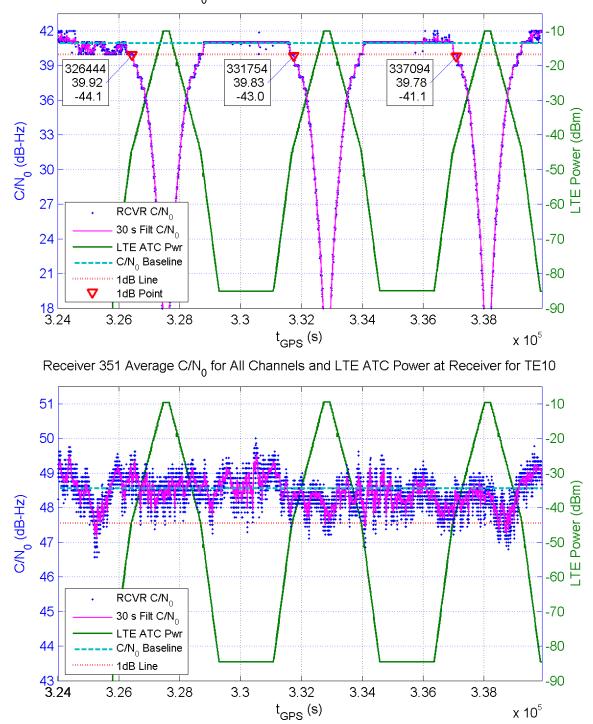
3.38

-70

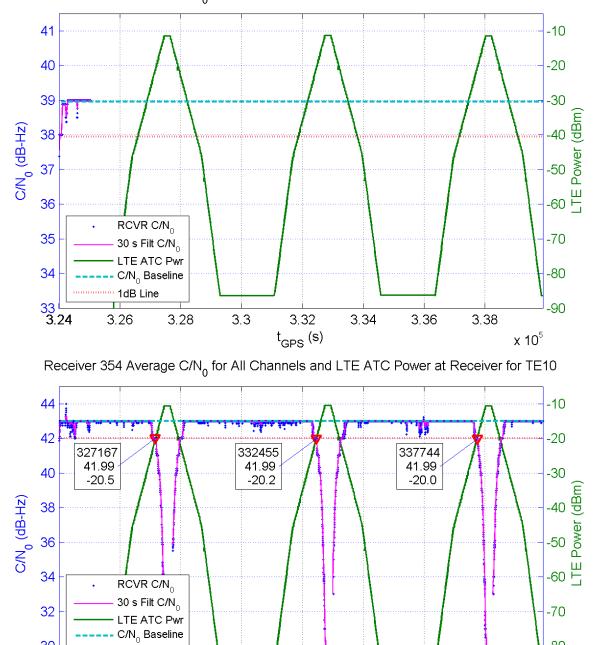
-80

-90

x 10<sup>5</sup>



Receiver 347 Average  ${\rm C/N}_{\rm 0}$  for All Channels and LTE ATC Power at Receiver for TE10



Receiver 352 Average  ${\rm C/N}_{\rm 0}$  for All Channels and LTE ATC Power at Receiver for TE10

3.32

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

3.34

3.36

3.38

-80

-90

x 10<sup>5</sup>

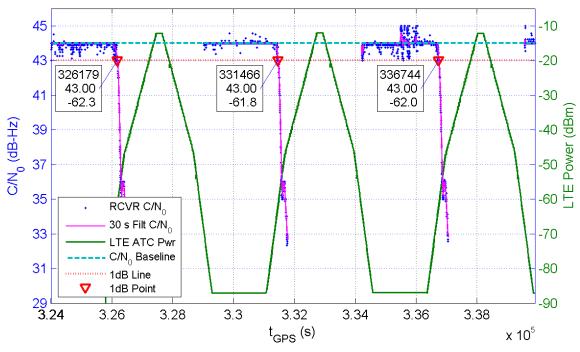
30

28 3.24 1dB Line 1dB Point

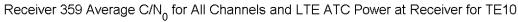
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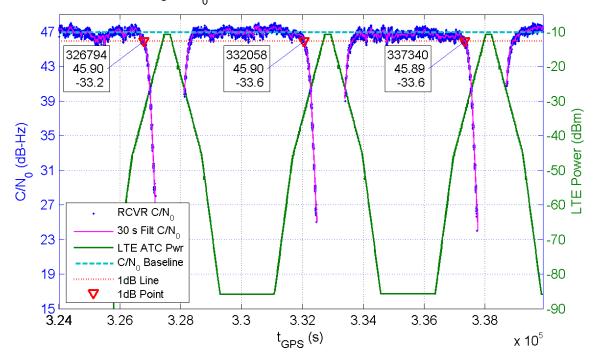
3.3

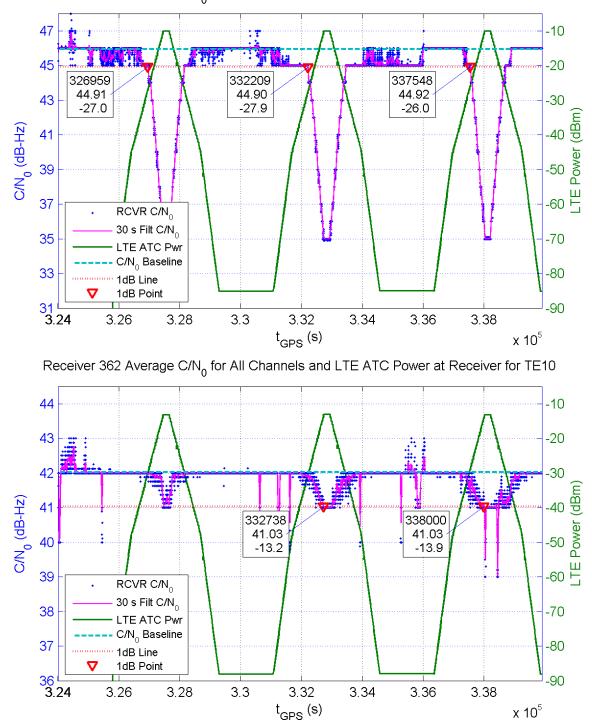
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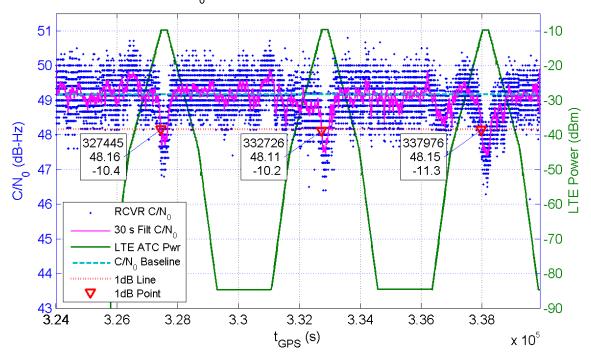
Receiver 357 Average C/N $_{\rm 0}$  for All Channels and LTE ATC Power at Receiver for TE10



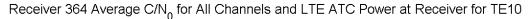


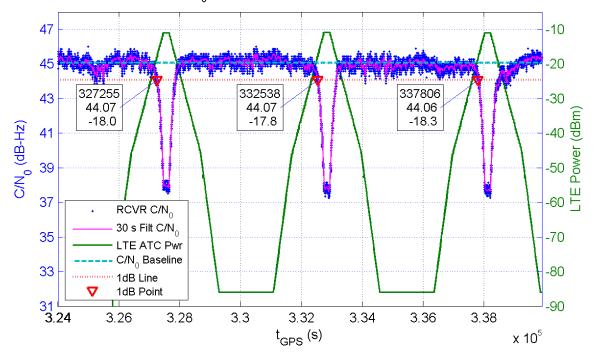


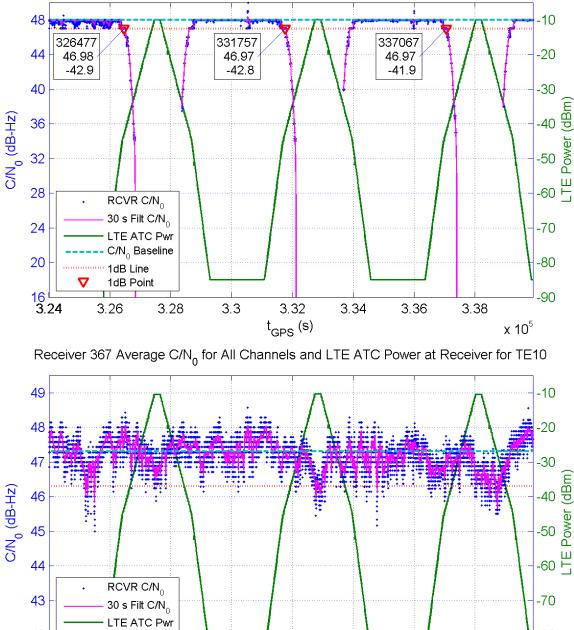
Receiver 360 Average  ${\rm C/N}_{\rm 0}$  for All Channels and LTE ATC Power at Receiver for TE10



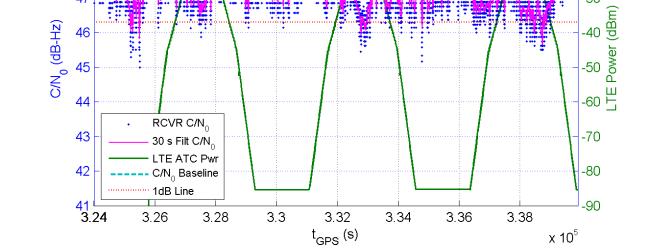
Receiver 363 Average  $C/N_0$  for All Channels and LTE ATC Power at Receiver for TE10

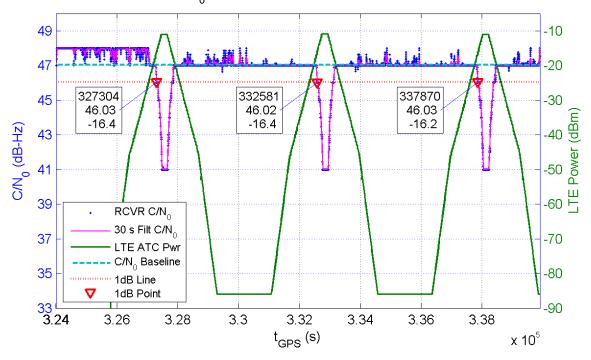




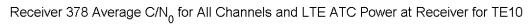


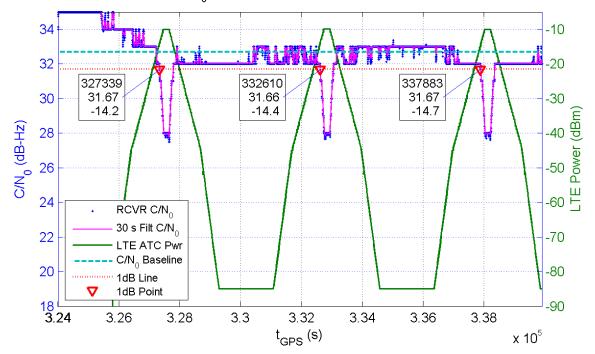
Receiver 365 Average  $C/N_0$  for All Channels and LTE ATC Power at Receiver for TE10

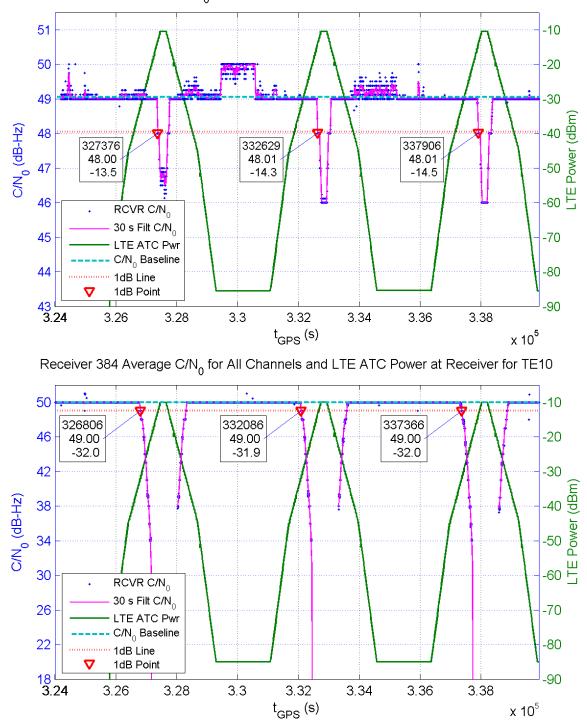




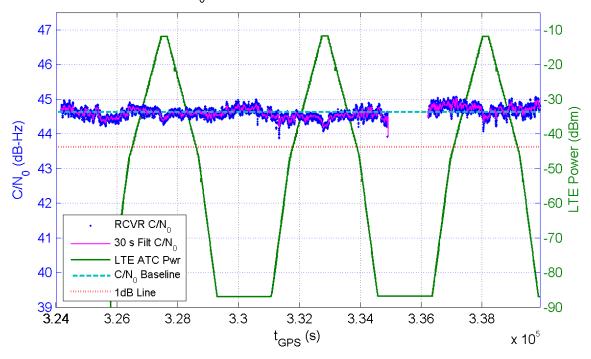
Receiver 375 Average C/N $_{\rm 0}$  for All Channels and LTE ATC Power at Receiver for TE10





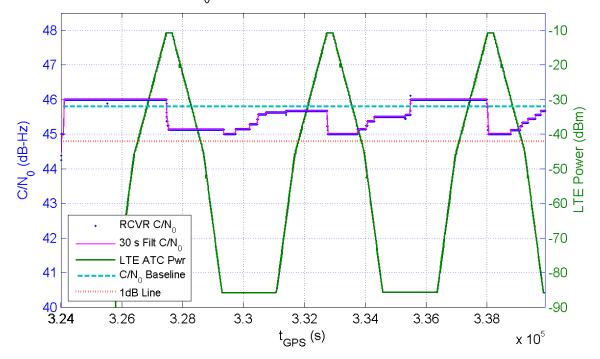


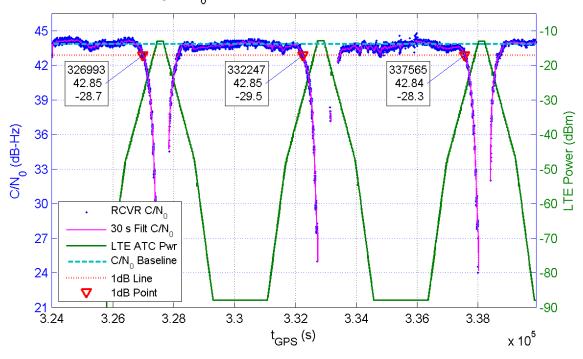
Receiver 379 Average C/N $_{\rm 0}$  for All Channels and LTE ATC Power at Receiver for TE10



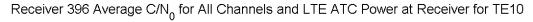
Receiver 385 Average  ${\rm C/N}_{\rm 0}$  for All Channels and LTE ATC Power at Receiver for TE10

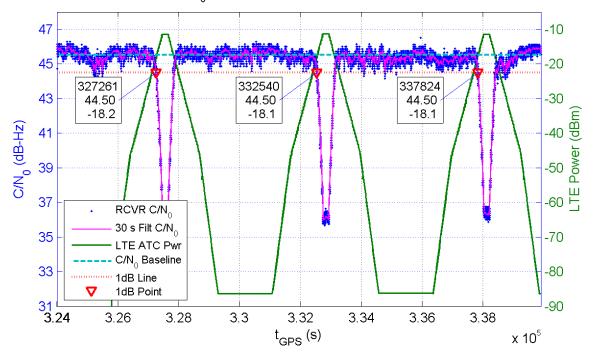


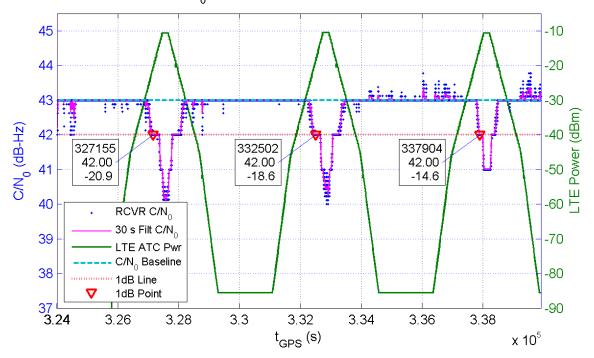




Receiver 394 Average  ${\rm C/N}_0$  for All Channels and LTE ATC Power at Receiver for TE10







Receiver 397 Average C/N $_{\rm 0}$  for All Channels and LTE ATC Power at Receiver for TE10