



Bias  $153/202310 = 153/203926$  SET

214.8

2157 ERT

2154 Told NOPE that we confirmed that fluctuations are due to BW bias

26 monopulse offsets updating nominally

25 slow sometimes (top 5)

2204 Bias complete (longer than expected)

2206 P<sub>c</sub>/N<sub>0</sub> values, TLM on

14X	45.79	14XL	10.0
14S	40.15	14SL	24.5
25X	39.97	26XL	10.7
25K	48.67	26KL	28.0 (error channel)
26X	40.0		
26K	49.82		

2211 Asked station to enable SNT on all d/L channels

14X	20.7
14S	18.3
25X	25.1
25K	55.0
26X	27.0
26K	42.7

221330 Told stations done w/ SNT measurement, to disable SNT on all except 26 X-band

25 X SNT still updating.

2215 Told 25 to enable & disable SNT again

221540 Nope told 25 to update their default SNT to 26.6

David suggesting plan:

25 w/ monopulse, & 26 disable monopulse  
& clear offsets  
26 seems to be holding on better to ..

2218 25 Clear skies, wind speed 5 mph  
Weather  
update:

2220 26 monopulse disabled, off-sets clear.

2221 Told 25 plan: monopulse enabled during entry,  
likely enter manual offset for exit, & then do  
exit w/ mon disabled.

~~2230 P/No reading (TLM off)~~

2231 Asked 26 to put switch 43 in B position

2230 P/No reading (TLM off)

14X	55.45	(61)	14XL	16.3	
14S	40.52	(50)	14SL	24.6	
25X	49.01	(56)	26XL	20.0	
25K	48.96	(56)	26KL	10.0	(KLOP)
26X	49.12	(56)			
26K	50.0	(56)			

2252 Signal (Ka) drifting in right direction.  
Couldn't have kept it in 1K during ingress (but  
OK for egress).

2255 26 LOS Ka-band

2255 all stations LOS on X-band

2255 Nope asked 26, did channel E for open-loop rev1 mode  
to configure

2256 14 LOS S-band

2258 Nope called 25 to disable monopulse

2203 David's recommendation:  
Clear offsets

+6.0 mdeg in Az,  $\emptyset$  in elevation

Monopulse system currently has

Az 5.59, EL -0.49

Suggested to David that we use them & not risk station making an error in manual offsets  
⇒ OK

2204 Confirmed w/ station that offsets are true  
⇒ yes.

2326 FTO change

2327 Asked stations to enable SNT

2330	SNT	00:30 P/No	01:00	SNT
14X	19.35	14XR 56.01	14X	18.7
14S	15.87	14SR 40.27	14S	16.01
25X	21.01	25XR 49.1	25X	23.0
25K	53.19	25KR 48.18	25K	<del>23.0</del> 49.33
26X	25.59	26XR 49.25	26X	25.28
26K	38.30	26KR 50.00	26K	37.67
		14XL 29.36		
		14SL 23.57		
		26XL 21.23		
		26KL 11.08		

2331 All stations SNT disabled except 26X

2345 Danny takes over notes. Aseel goes to hospital to check wounds for bicycle accident.

00:06 All stations Lock up

00:32 S+Ka LOS!! 10 min earlier than expected. There were 2 DFPW commands in PEF + the earlier one turned off the equipment but the latter one was shown on the timeline.

01:00 Enable SNT ALL 01:05 Release Stations