

S43 Rev81
Rings Dec

Day 232 ①
8/18/08 local

DSS-43 Pre-Ad 0450, BOT 0520, EOT 0800, Pas#
DSS-47 0530, 0600, 0730

In Ops room:

Dummy DSS-43 on VSR LCP
Don DSS-47 on RSE2, DSS-43 on WSR LCP
Feed Sleepy X on Vocer

*30 min
pre-req for
43 station
ready in
time.

Figain:

DSS-43 X	60	DSS-43 XL	37
DSS-43 S	47	DSS-43 SL	35
DSS-47 Ra	57		

NOTE: LV

DSS-43 weather: Fine !! winds 20 km/hr

DSS-47 to use 4MHz, forcing BW (instead of default
(64 MHz) array

~051411 sk signal !! ~ 40 mins early

0516 Station 1/L

0522 AH auto DSS-43. To make sure get good values.

0524 SNT measurement

43 X 20.8
43 S 23.0

0526 43 SNT disabled.

0527 Told station that X SNT still updating, check it's off
⇒ his display shows it disabled but updating
⇒ expected?
⇒ he is told it's estimated SNT coming through

0529 NOPE told station to update default SNT
to 26.6 & that should fix the problem
→ on both revis?
→ just d/L channel ↓

X-band station non-stable. Turn?

47 still no Ka-band signal.

Told NOPE in 0525 that it's possibly because of
narrow beamwidth & SK is still turning.

0541 started seeing weak Ka-band signal

0545 47 has lock on Ka-band

0550 47 having problems w/ 4 MHz! fluctuating +/- 7 dB
64 MHz to stabilize. suggest going to

0554 signal leveled off, TLM off.

0554 47 said back to 4 MHz & signal looking good
⇒ looking better over here too

0605 SNR Readings

		Pass
43XR	53.9	60
43SR	43.0	47
47K	50.7	58
43XL	30.2	35
43SL	25.4	35

- 0638 43 & 47 LOS (rms B)
- 0643 43 1/L (rms C)
- 0653 revrs O/L. Rms B again
- 0657 43, 47 1/L out of Ring B
- 0658 47 O/L (~~Enter gap?~~) (Rms A)
- 0700 43 & 47 1/L

47 extended track by 5 minutes. until Ka-band LOS. Told them don't really need it but they extended

0735 LOS.

074850 SNT enabled

0749 SNT reading

Orations setting

43 X 35.4

43 S 33.6

0752 43 released

Playback 0517-0750

0710 SNR readings (post exp. scroll back. 1K readings)

43 X	53.1	43 X L
43 S	41.9	43 S L
47 Ka		