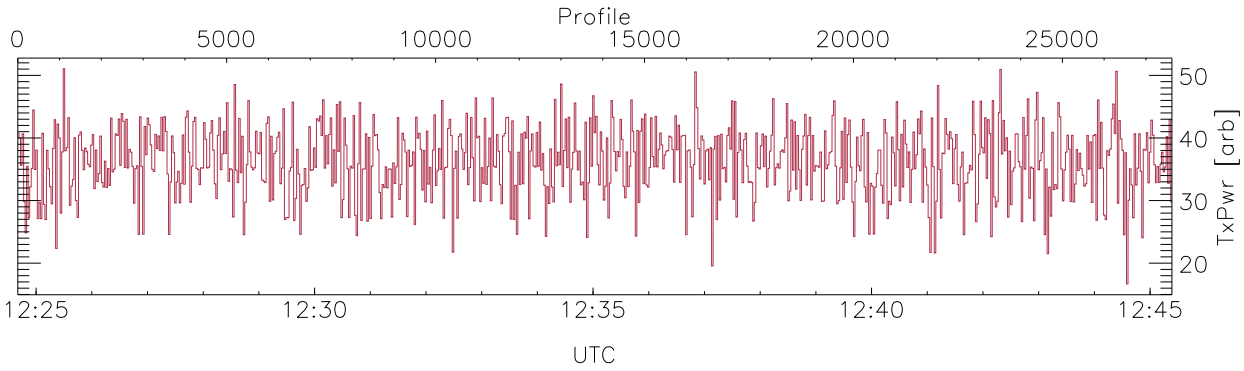
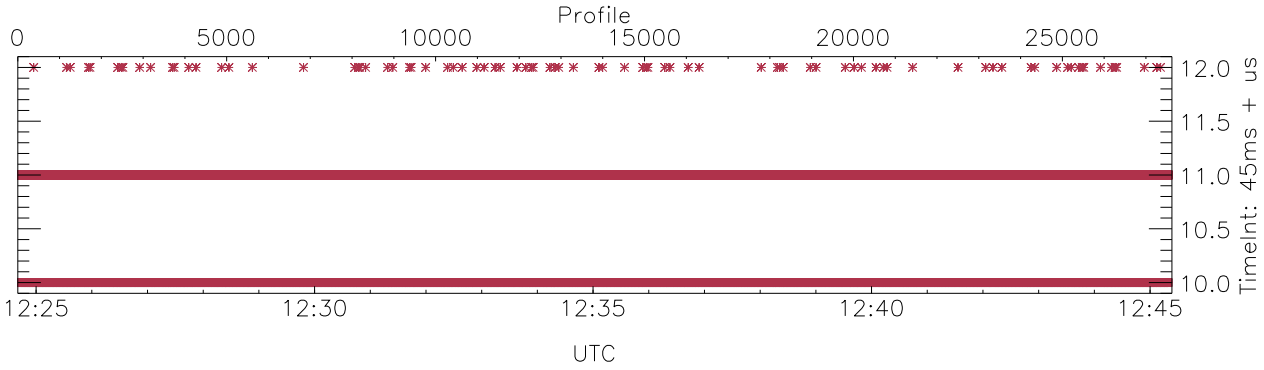
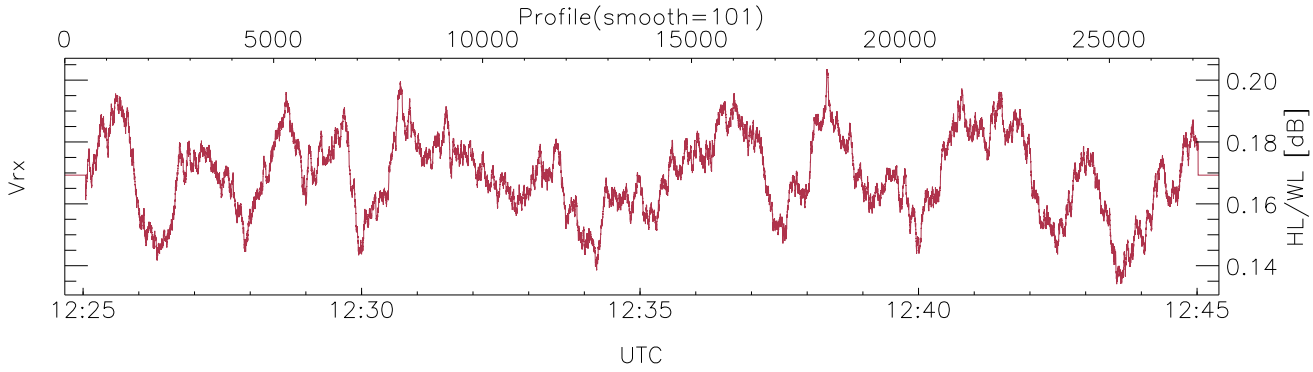
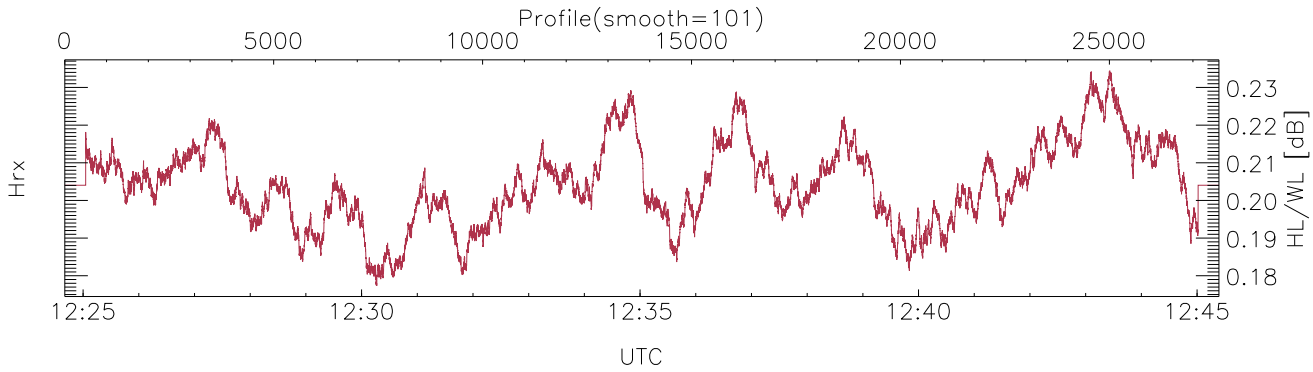


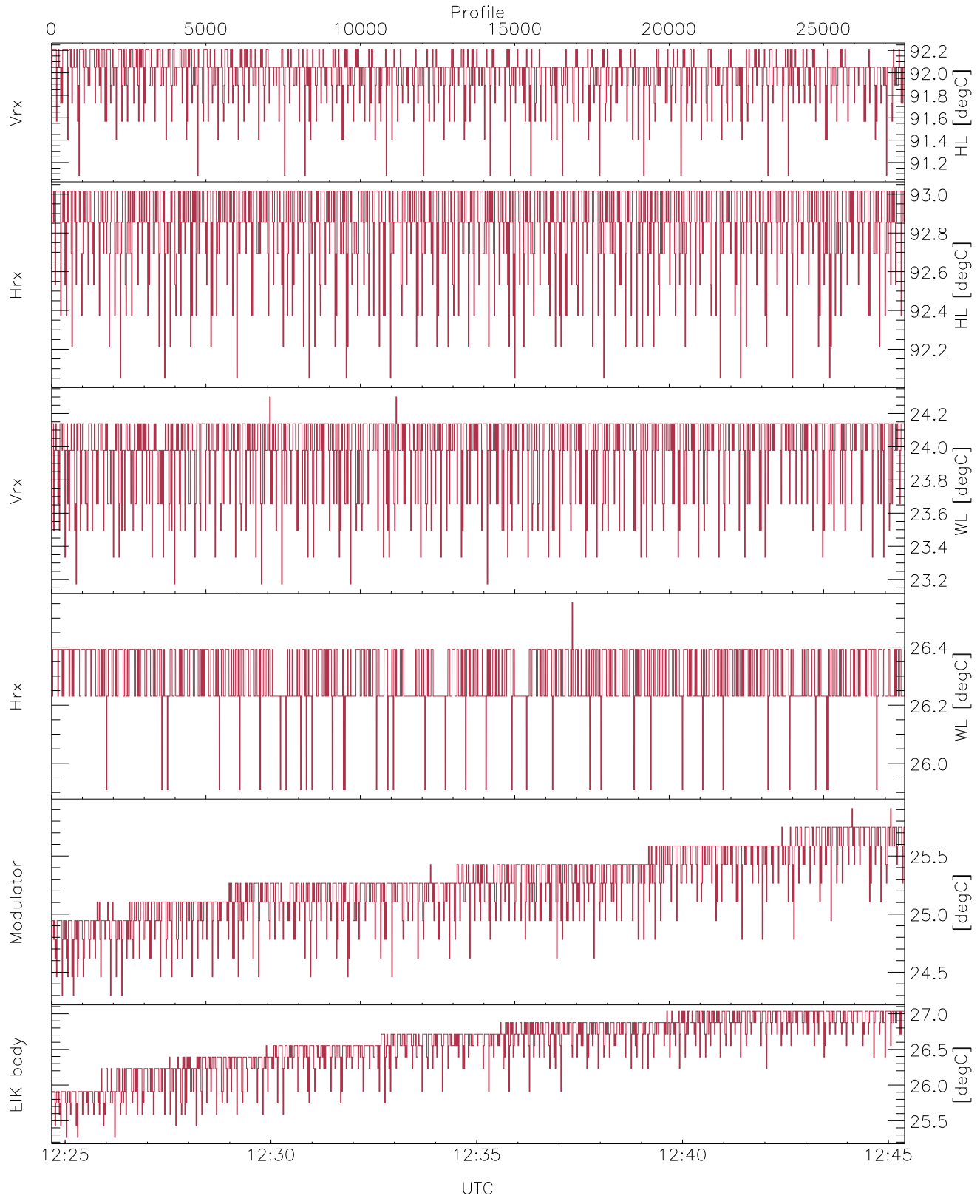






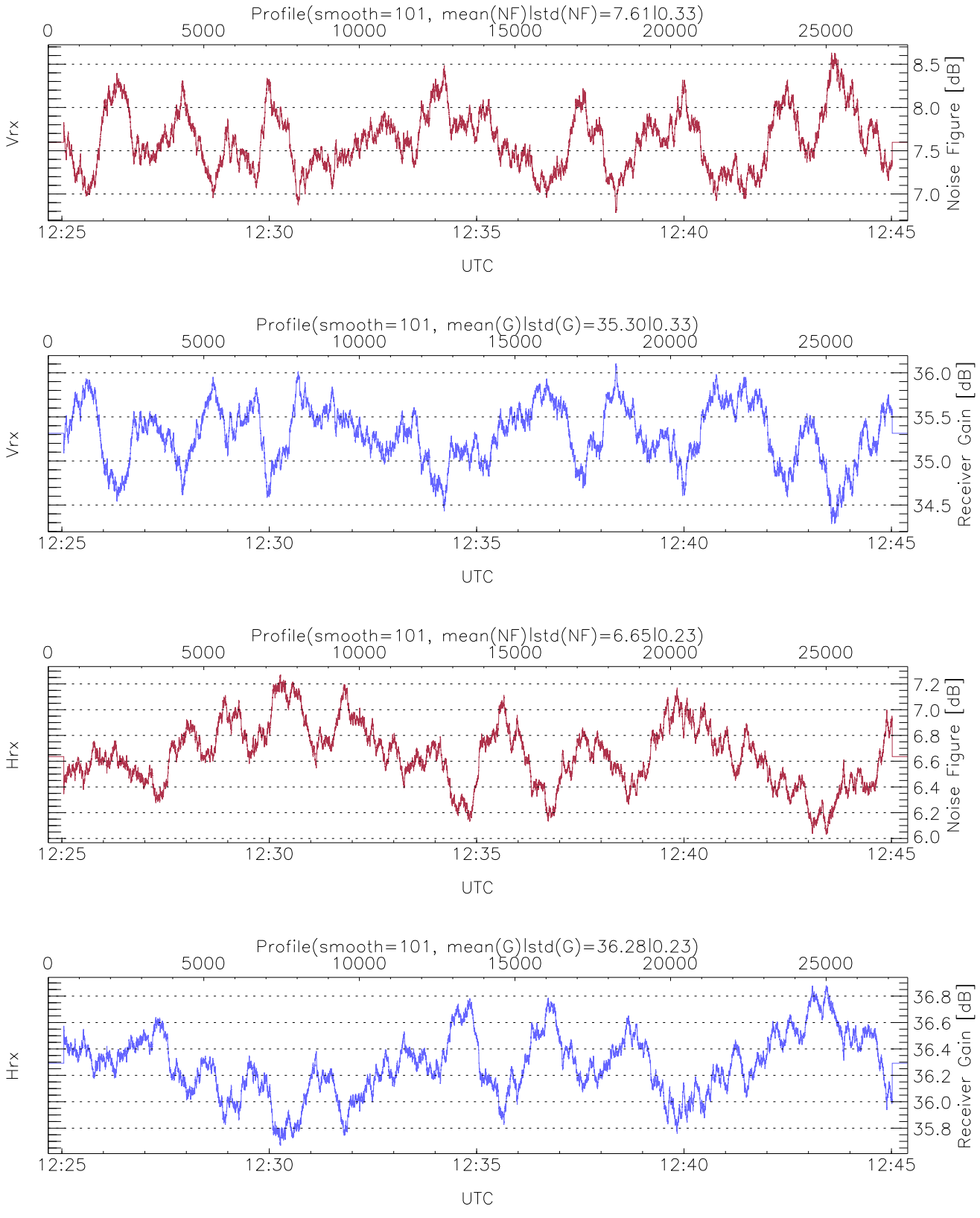
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 12:24:40-12:45:24, TimeCor: 0.00s, Dur: 1243.35s
TimeFlg: 1, TFPstatus constant.
TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2
NumRec(r/t): 27624/27624, 0-27623/12:24:40-12:45:24
AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100
Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H1 V2 V2 V2 H2 H2 H2
PRF: 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 KHz, IGS: 50us
Range(min,max,rgs): 105, 6288, 15.0 m, Gates: 413, Aspect: 3.7
Mirror(-9|0|1|2,3,9x = no mirror|sideluplerror): 1



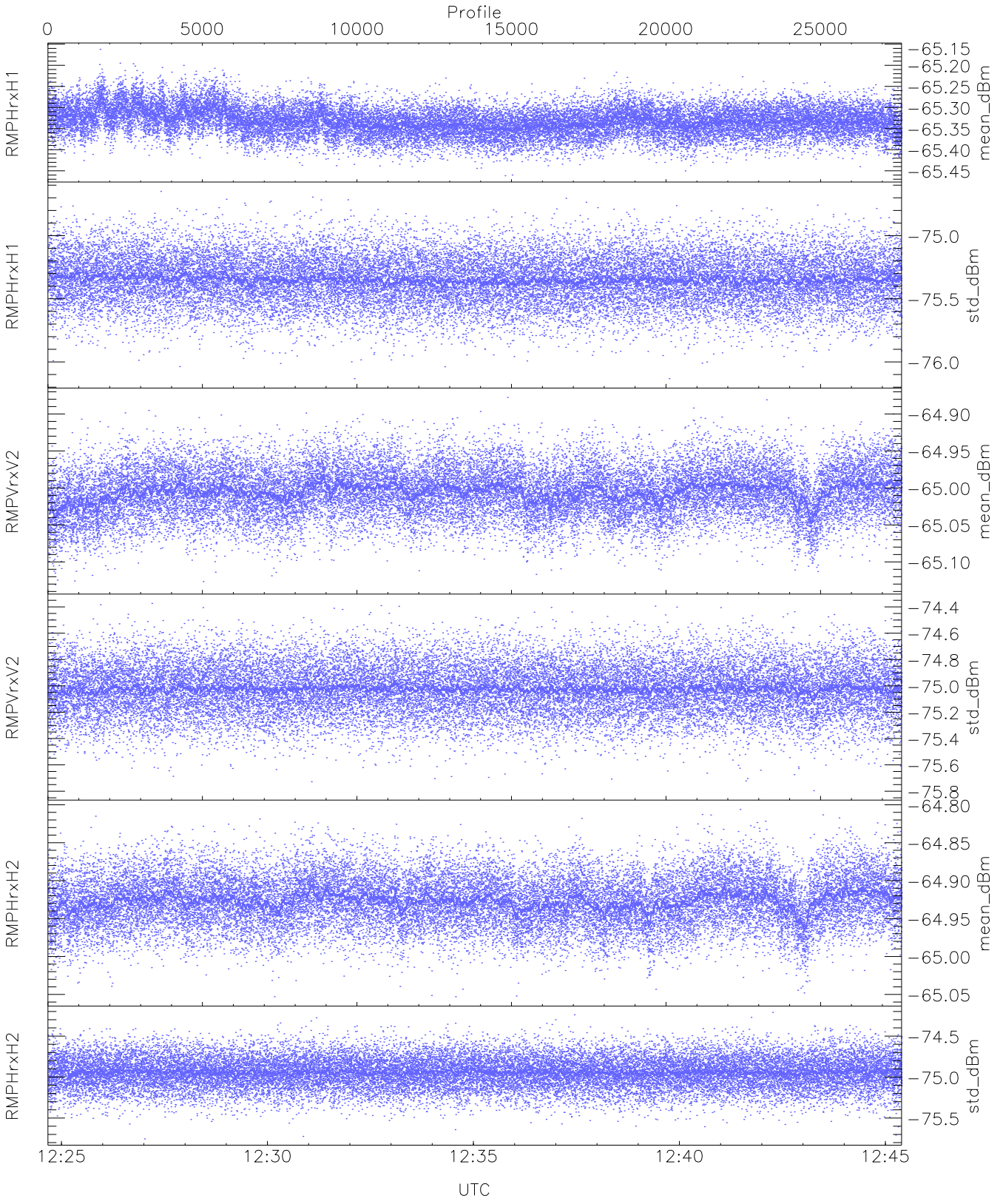
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,23,25,24,25
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,24,26,25,27
LOalarm(20,240,2817,14861 MHz): 0,0,22,0
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (24,24,24,47,24,24)



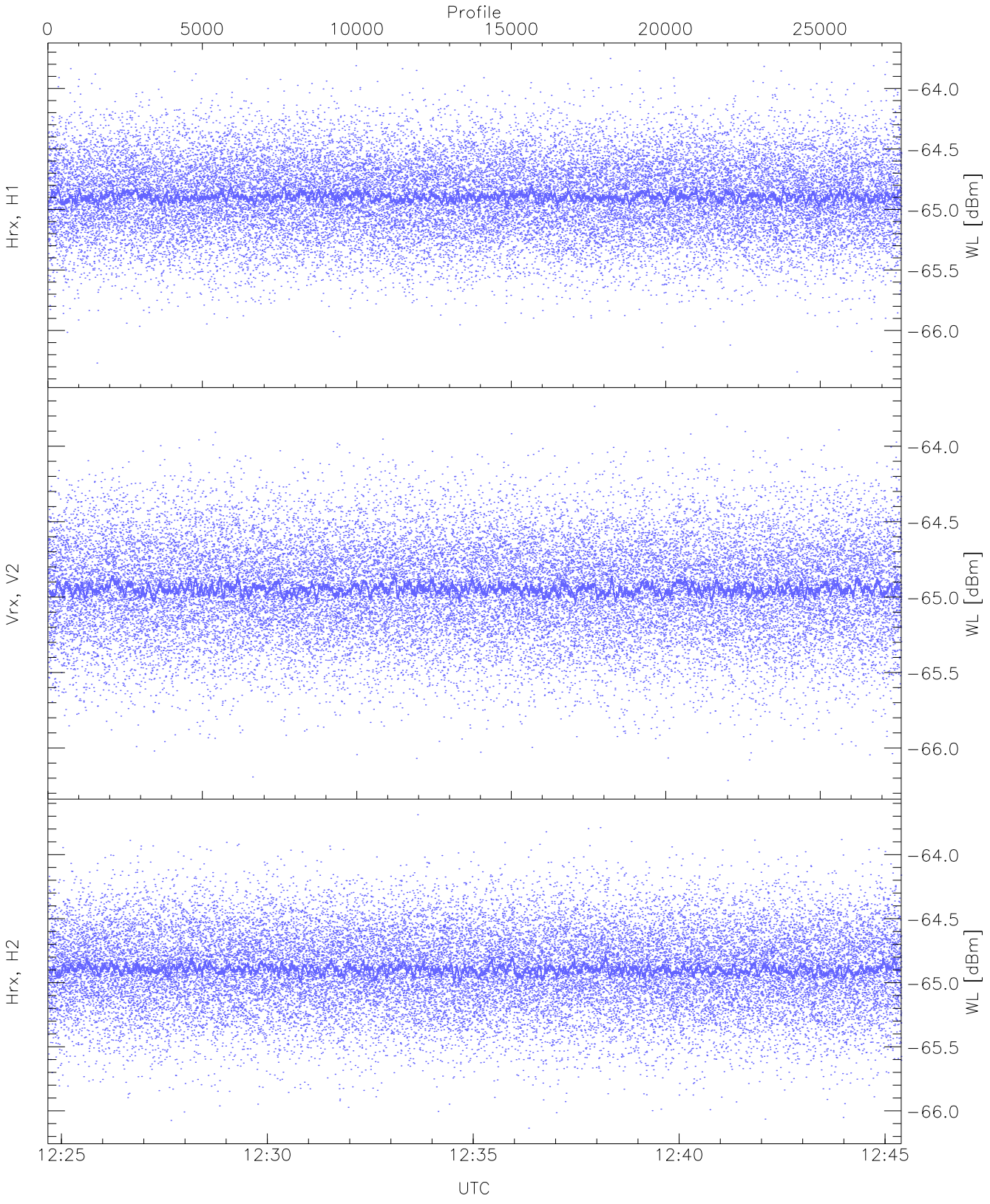
WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 0 pixs, 0 gates, 0 profs, 0 prod(s)



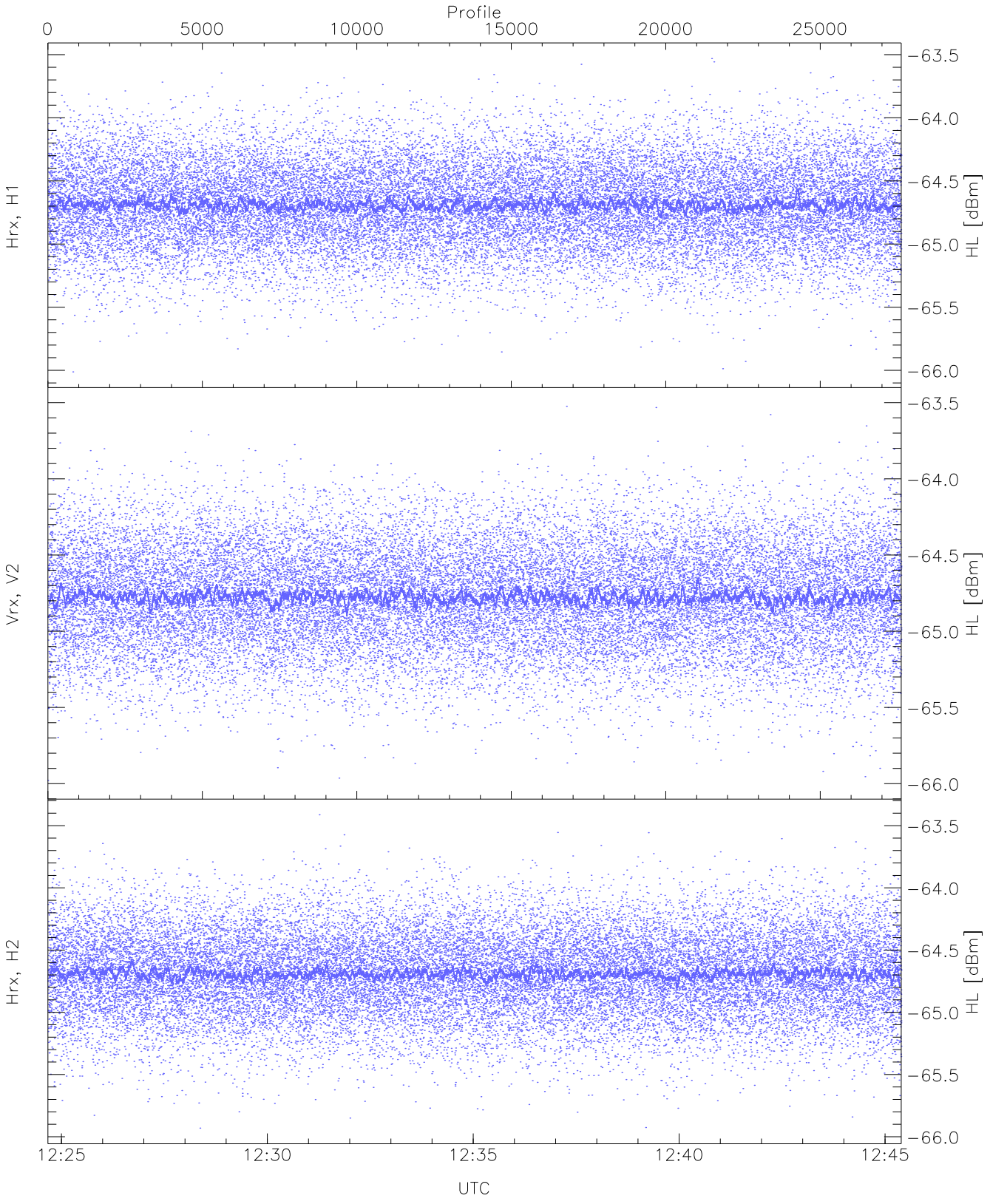
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.46	-65.16	-65.33	-65.33	-86.48
RMPHrxH1(std_dBm)	-76.13	-74.65	-75.35	-75.35	-89.10
RMPVrxV2(mean_dBm)	-65.13	-64.88	-65.01	-65.01	-86.35
RMPVrxV2(std_dBm)	-75.80	-74.37	-75.02	-75.02	-88.83
RMPHrxH2(mean_dBm)	-65.05	-64.81	-64.93	-64.93	-86.34
RMPHrxH2(std_dBm)	-75.75	-74.21	-74.94	-74.94	-88.72



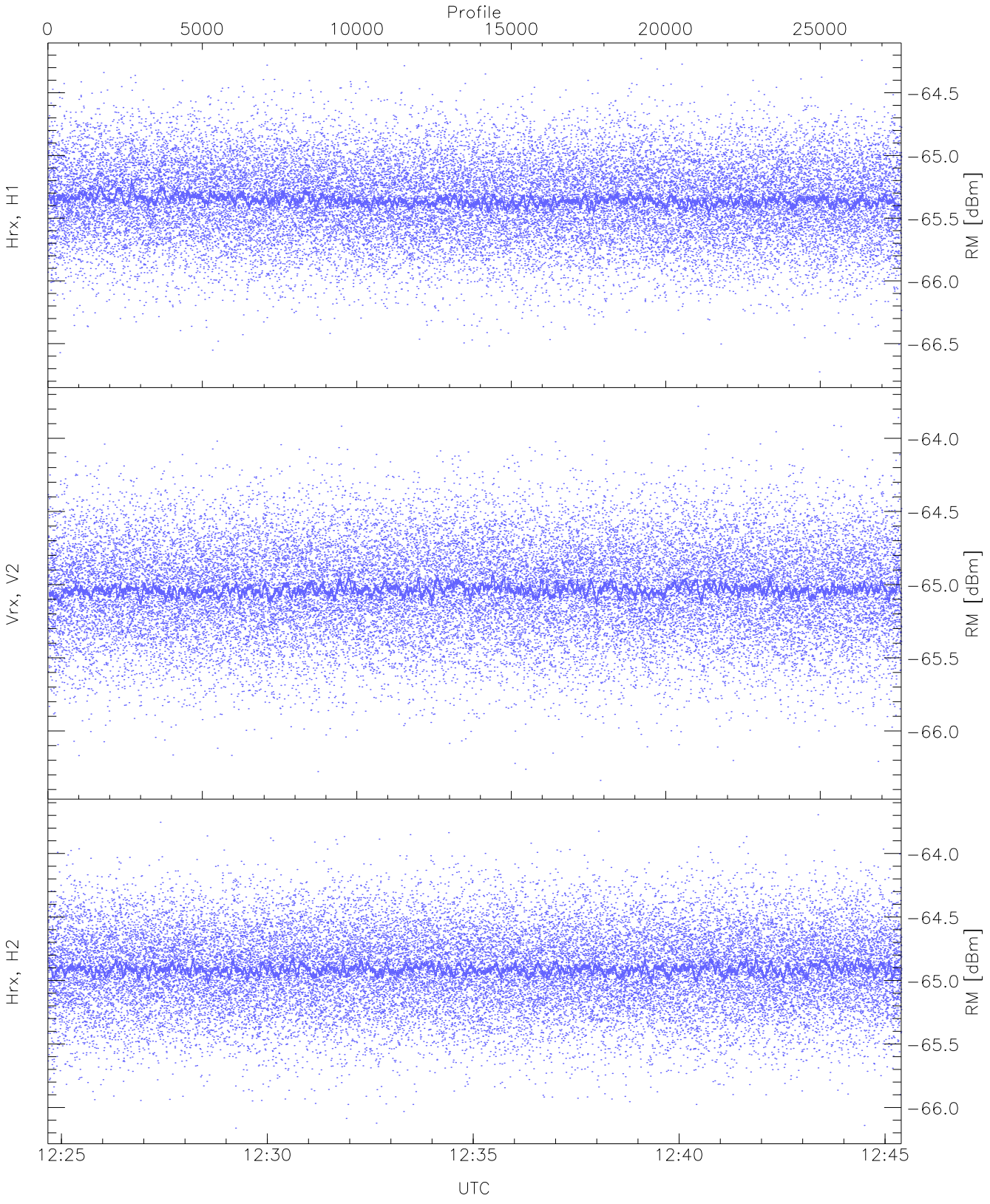
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.34	-63.75	-64.89	-64.89	-76.38
Vrx, V2(WL [dBm])	-66.21	-63.74	-64.94	-64.95	-76.45
Hrx, H2(WL [dBm])	-66.14	-63.69	-64.89	-64.89	-76.42



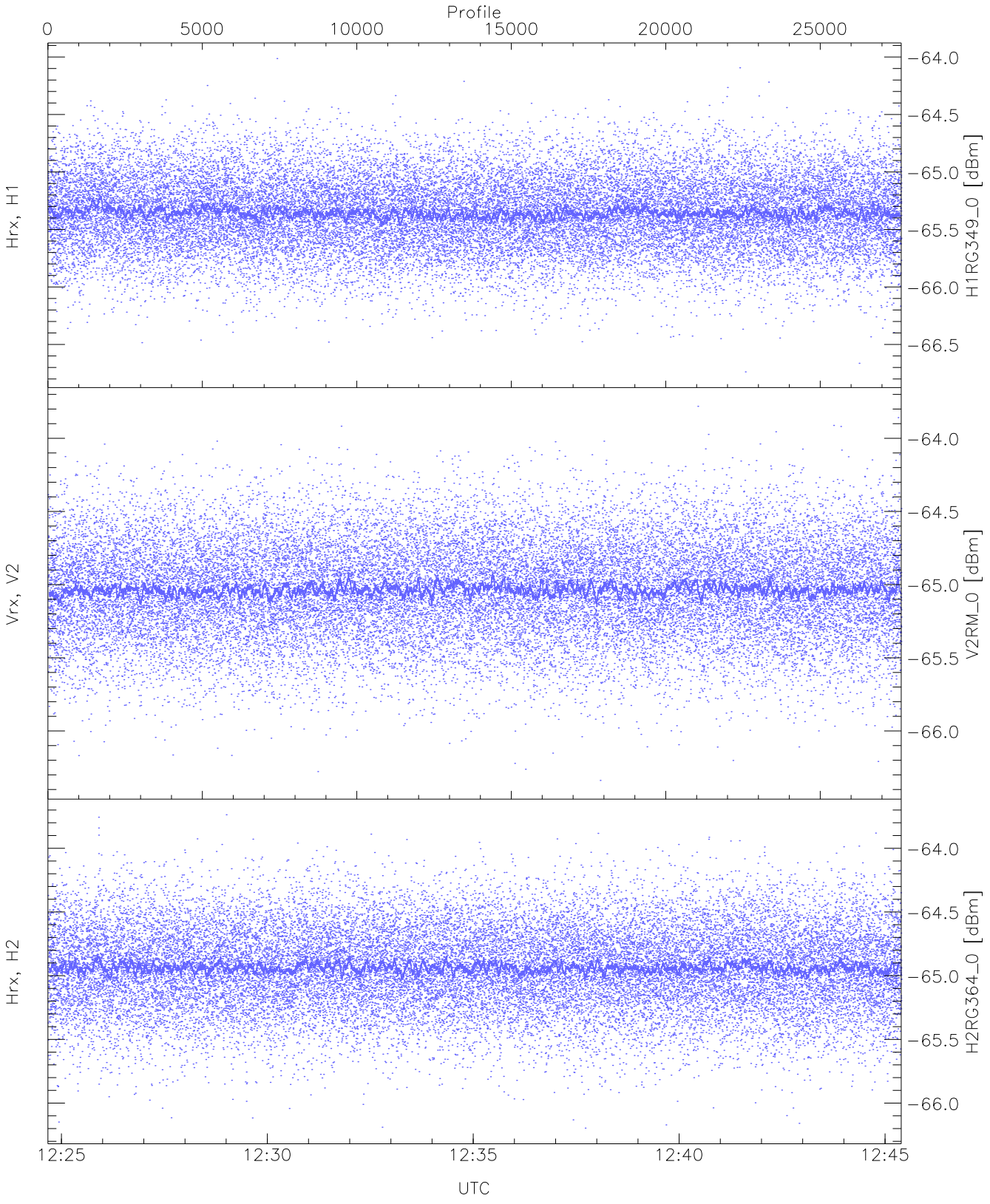
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-66.01	-63.53	-64.68	-64.69	-76.20
Vrx, V2(HL [dBm])	-65.98	-63.52	-64.77	-64.78	-76.28
Hrx, H2(HL [dBm])	-65.93	-63.41	-64.68	-64.69	-76.18



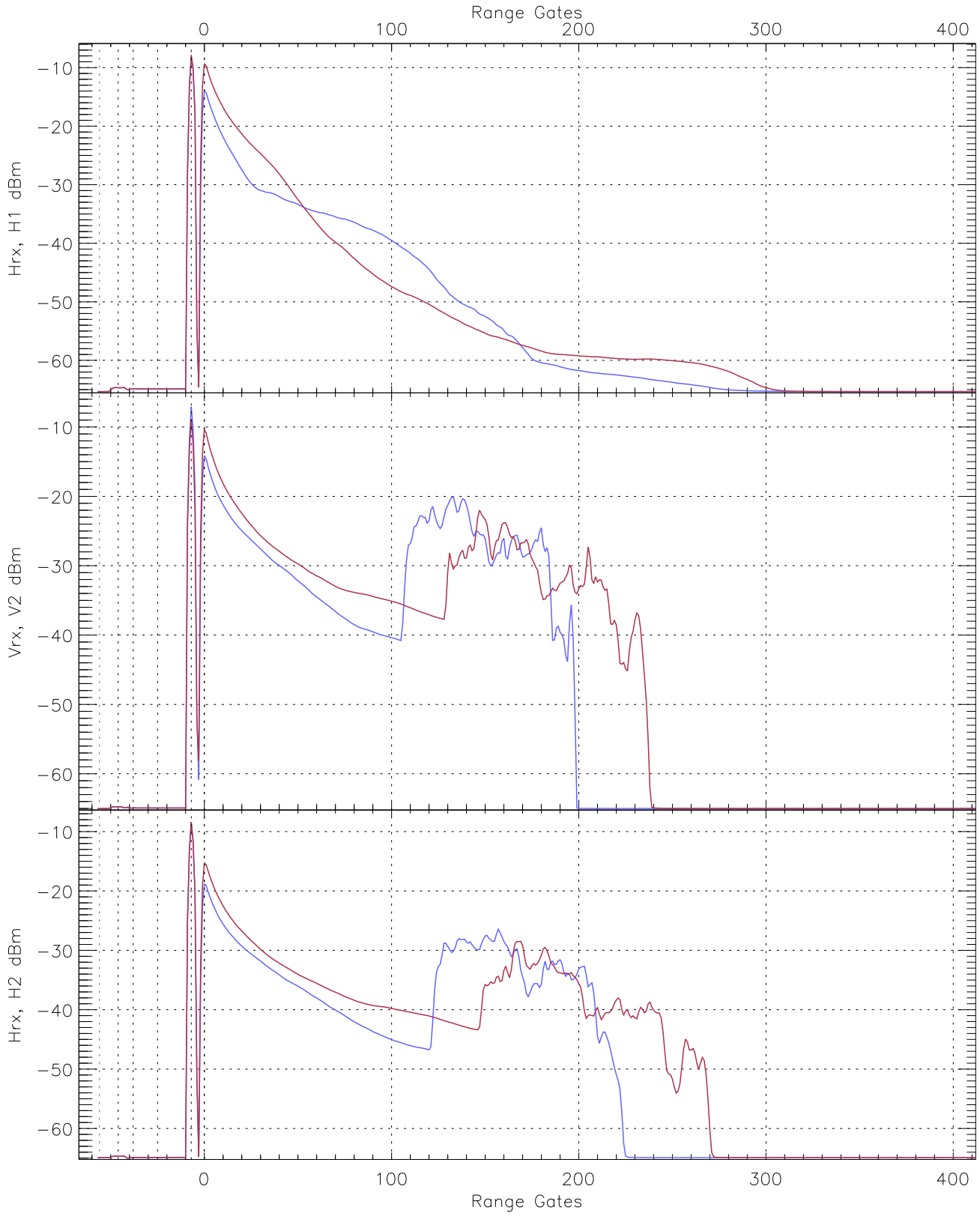
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.73	-64.23	-65.35	-65.35	-76.85
Vrx, V2(RM [dBm])	-66.34	-63.78	-65.03	-65.03	-76.50
Hrx, H2(RM [dBm])	-66.16	-63.70	-64.90	-64.91	-76.42

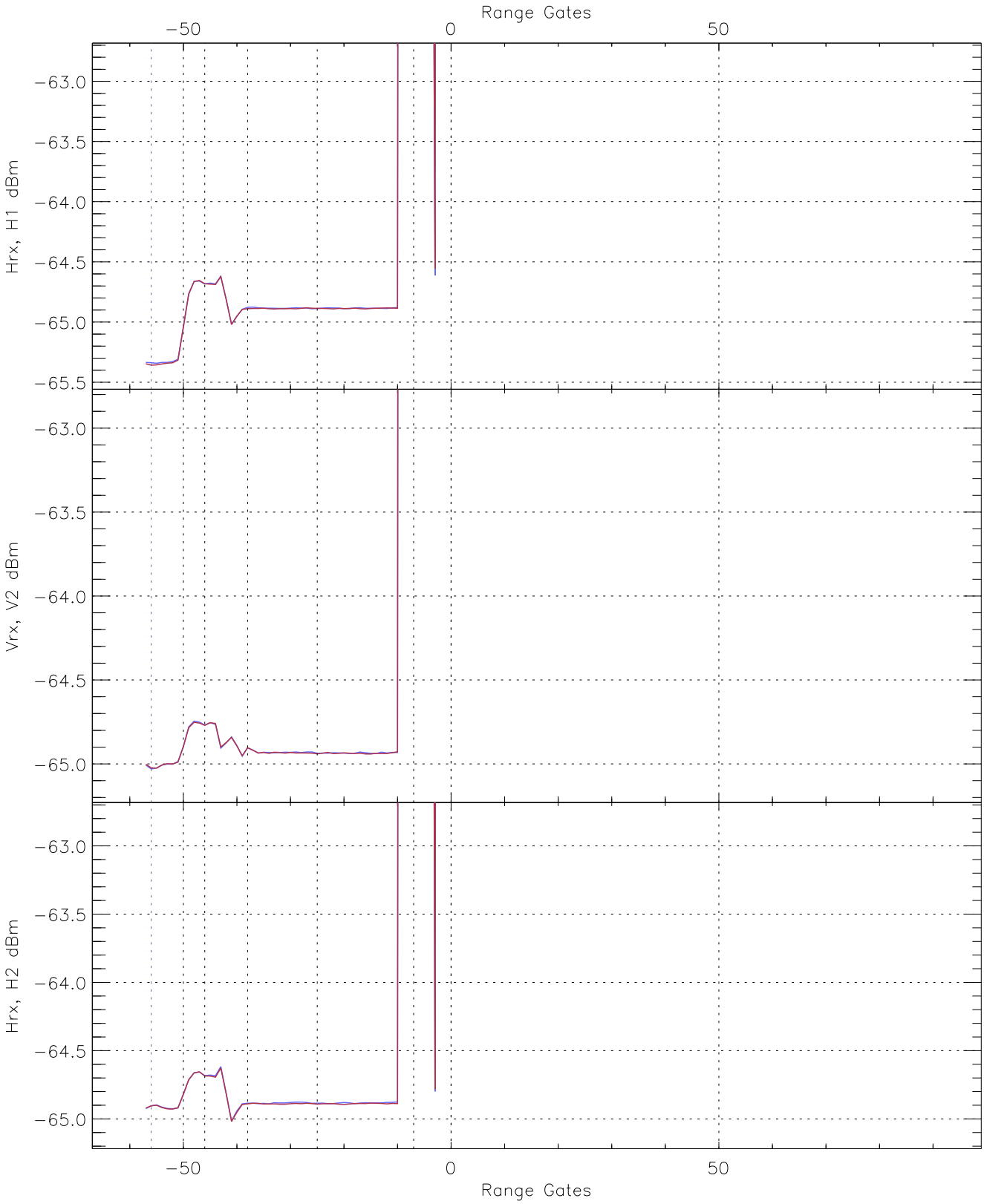


WCR3 CPP "Best" estimate Receivers Noise Power

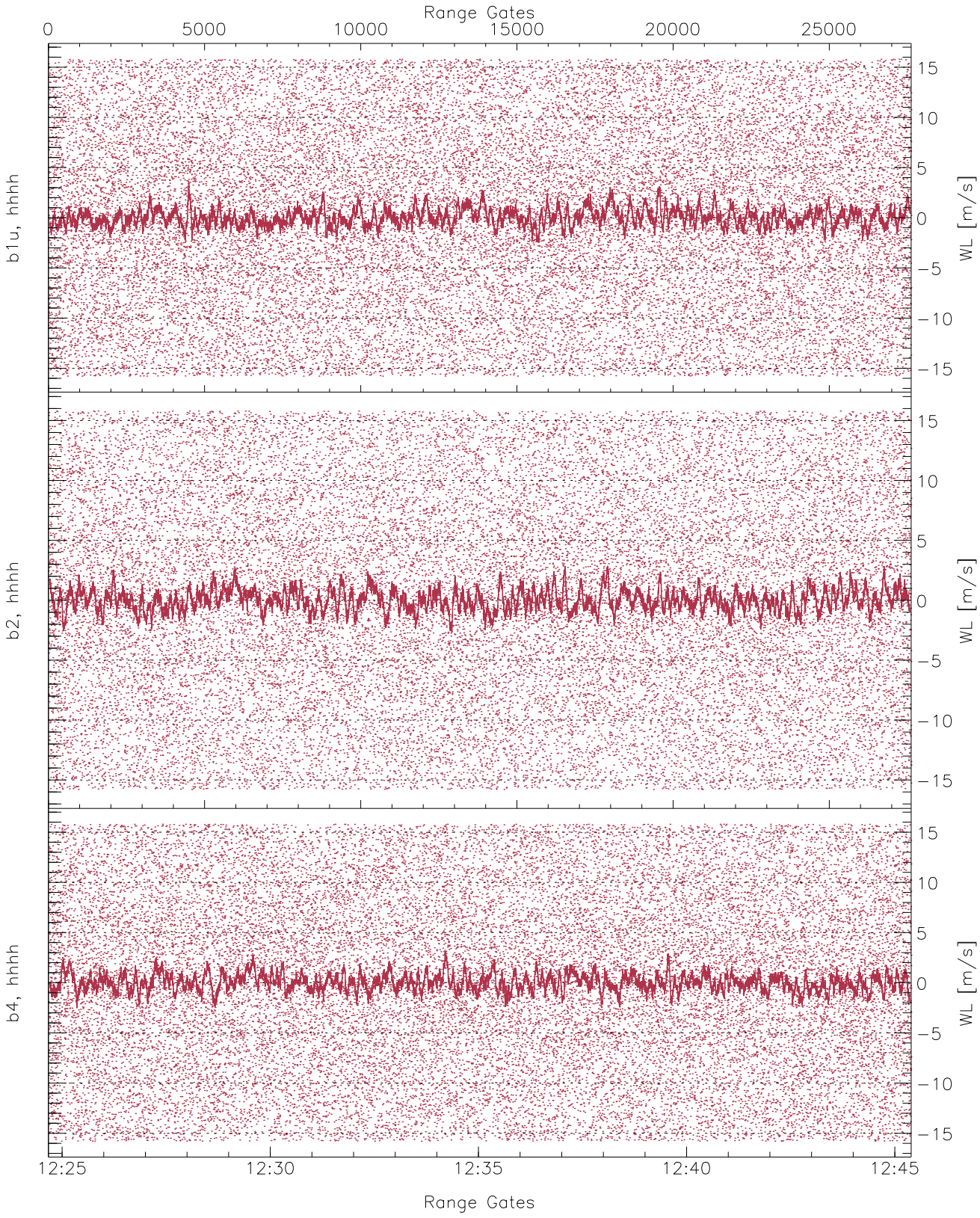
	Min	Max	Mean	Median	StDev
H1RG349_0 [dBm]	-66.74	-64.01	-65.35	-65.36	-76.88
V2RM_0 [dBm]	-66.34	-63.78	-65.03	-65.03	-76.50
H2RG364_0 [dBm]	-66.20	-63.74	-64.93	-64.94	-76.42



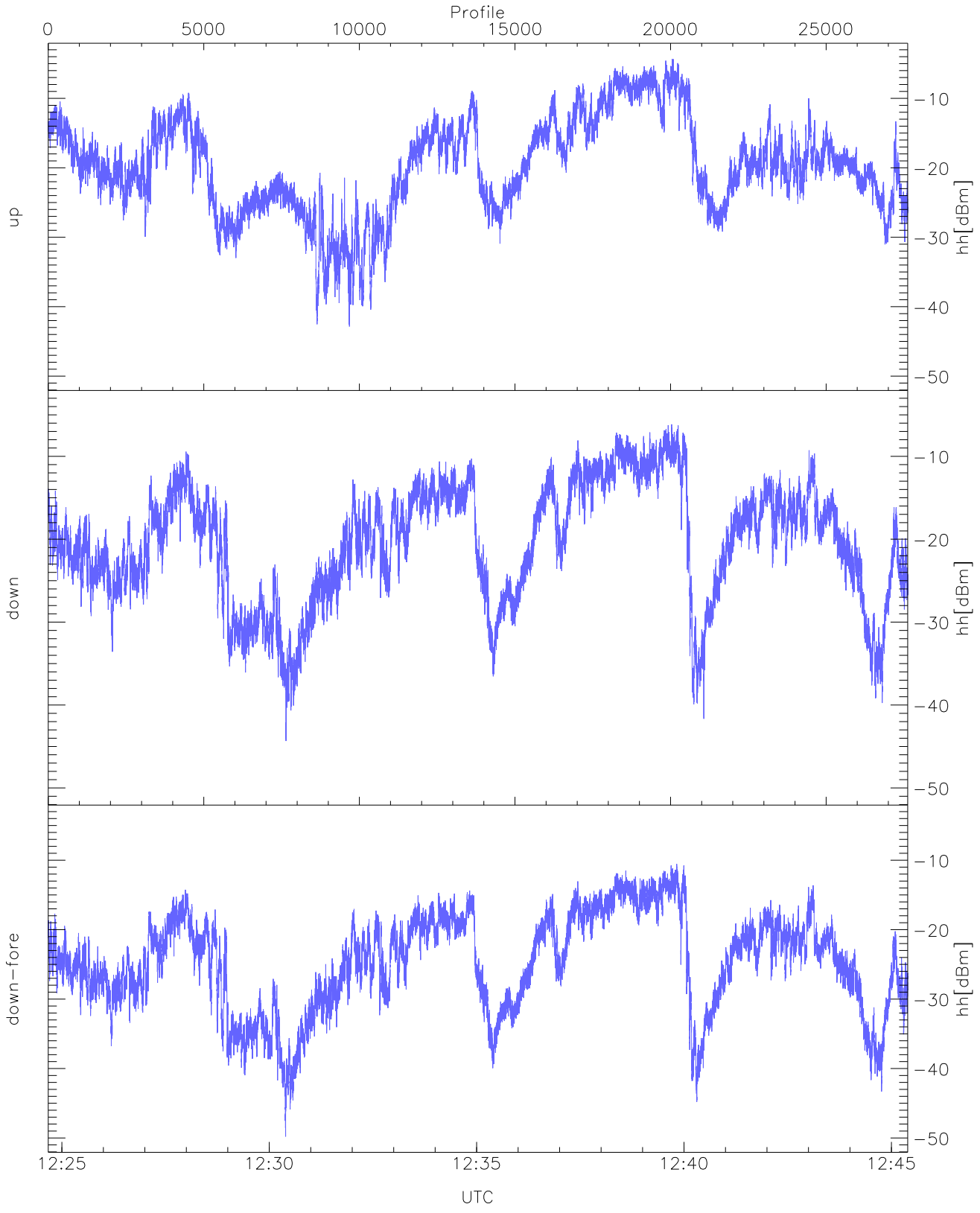
WCR3 CPP Averaged Received power for all recorded gates
blue: 122440-123502, 13813 profiles averaged
red: 123502-124524, 13812 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 122440-123502, 13813 profiles averaged
red: 123502-124524, 13812 profiles averaged

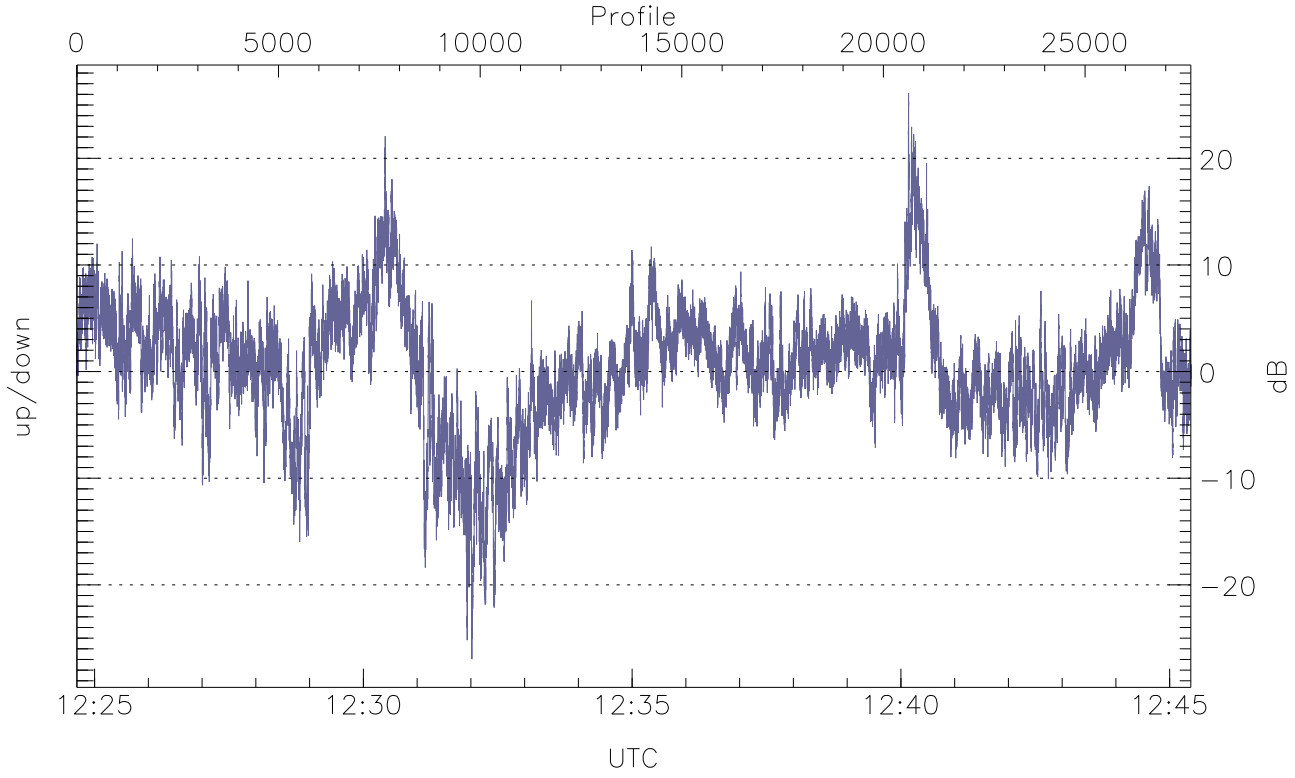


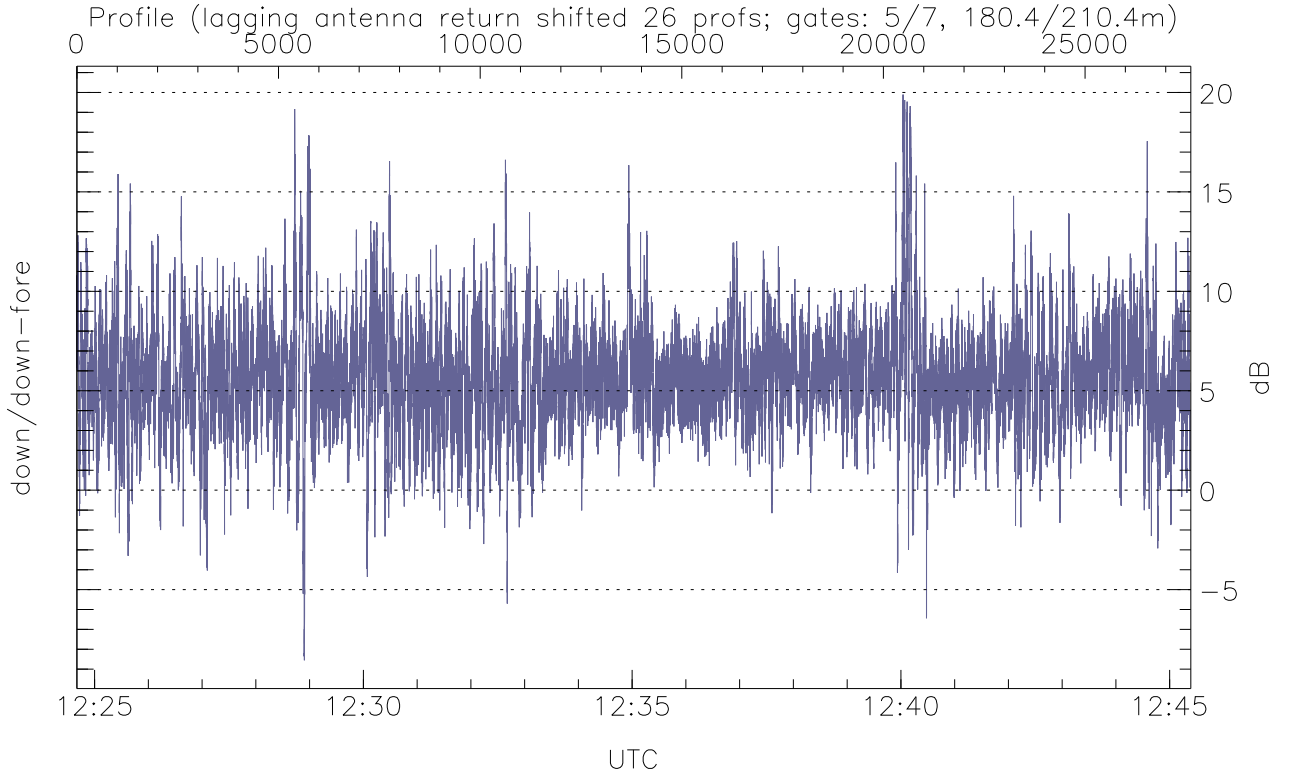
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

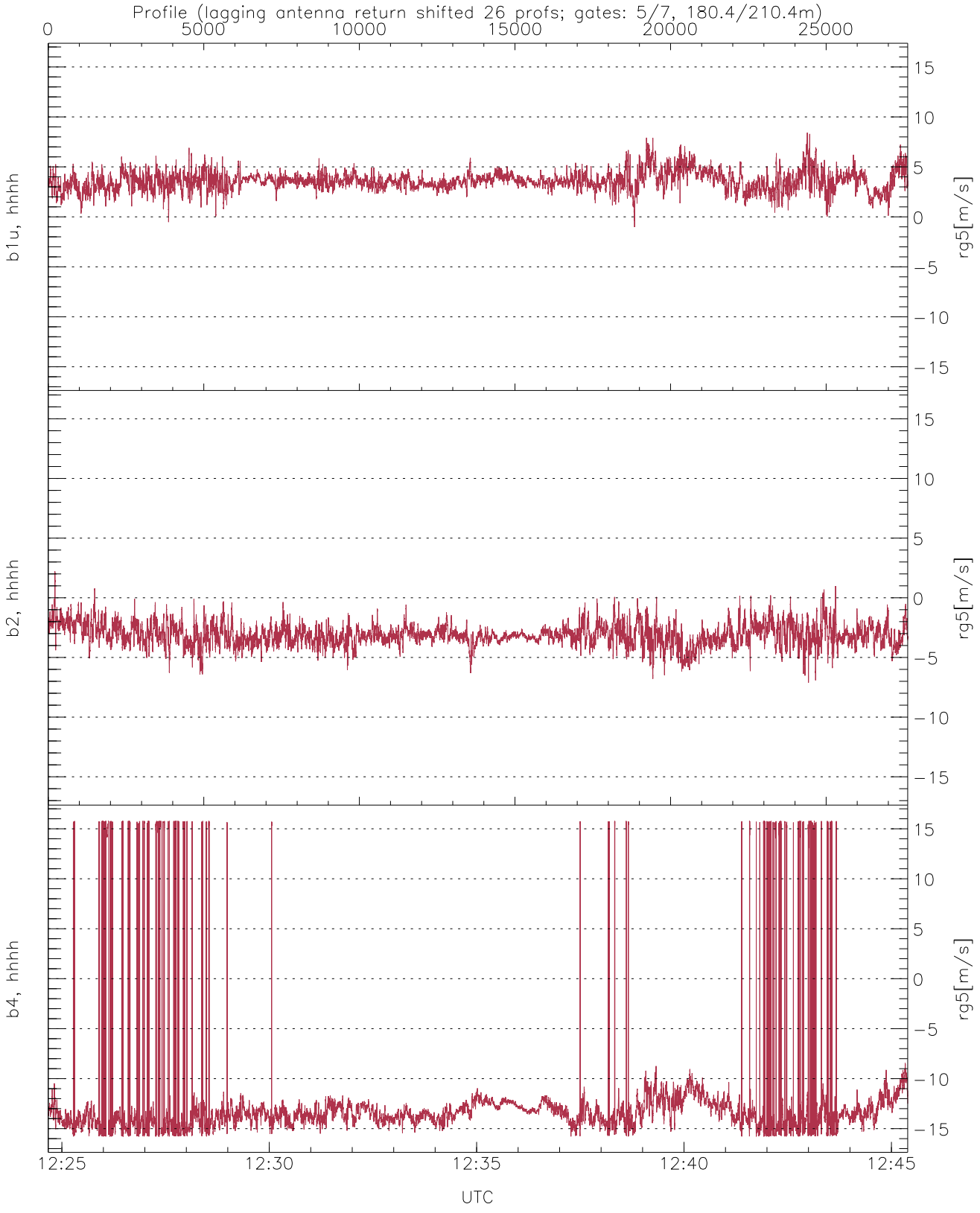
	Min	Max	Mean
up(hh[dBm])	-42.84	-4.33	-15.23
down(hh[dBm])	-44.33	-6.14	-16.21
down-fore(hh[dBm])	-49.79	-10.54	-20.62





WCR3 Beam pairs Received Power Ratio(s); RangeGate: 5 (180 m)

	Min	Max	Mean
up/down(dB)	-26.96	26.10	0.67
down/down-fore(dB)	-8.55	19.90	5.68



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-1.02	8.42	3.59	0.94
b2, hhhh(rg5[m/s])	-7.11	2.24	-3.11	0.92
b4, hhhh(rg5[m/s])	-15.79	15.79	-12.40	5.58