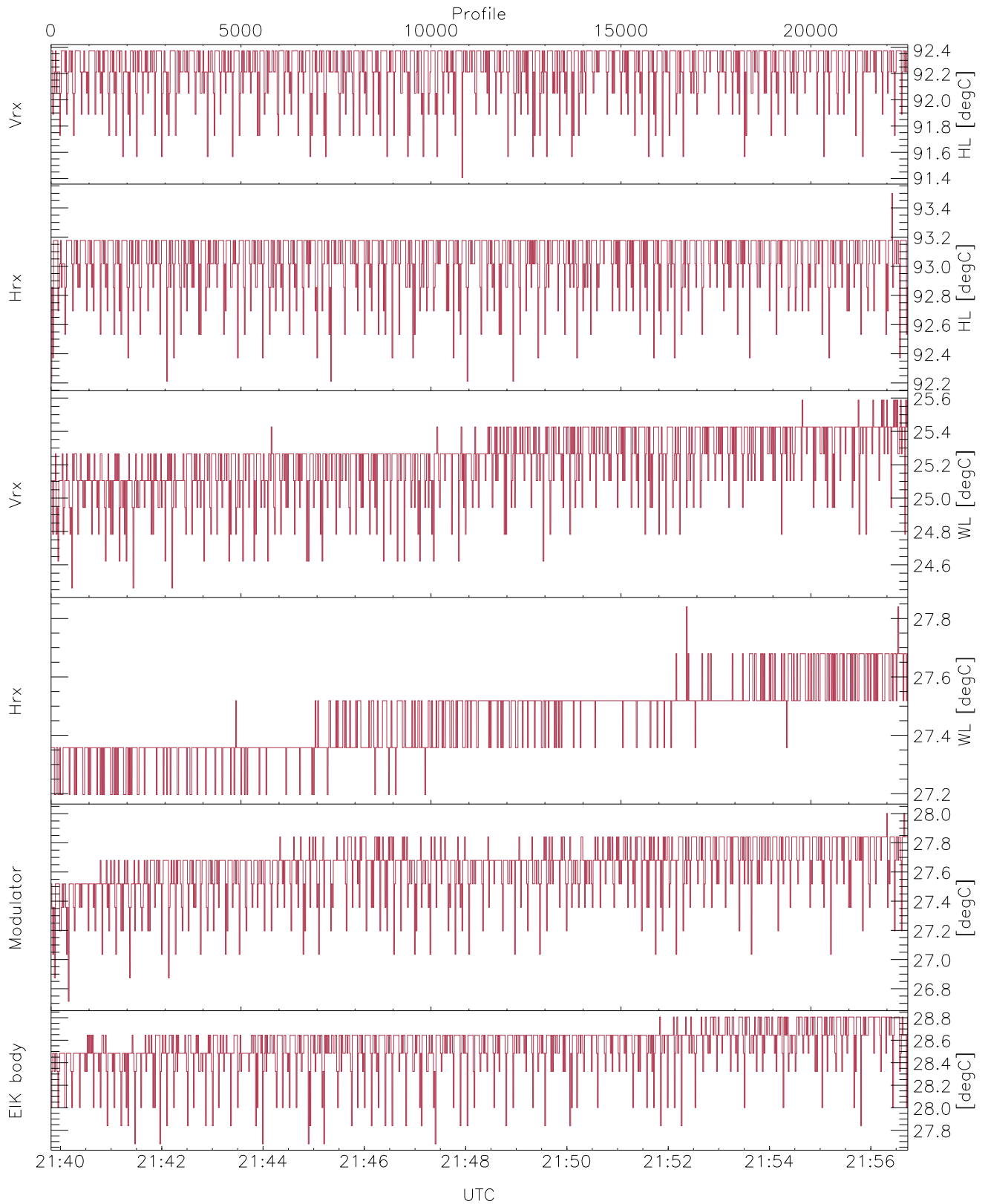


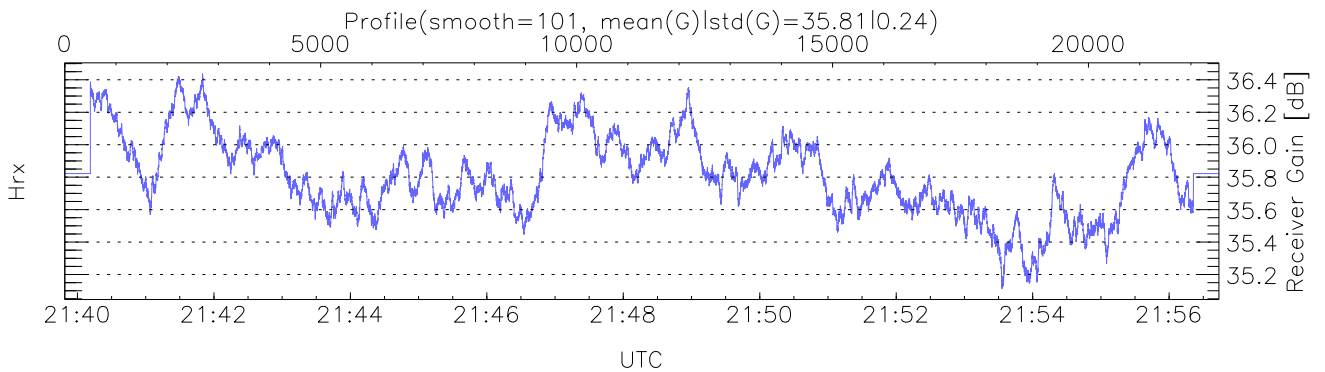
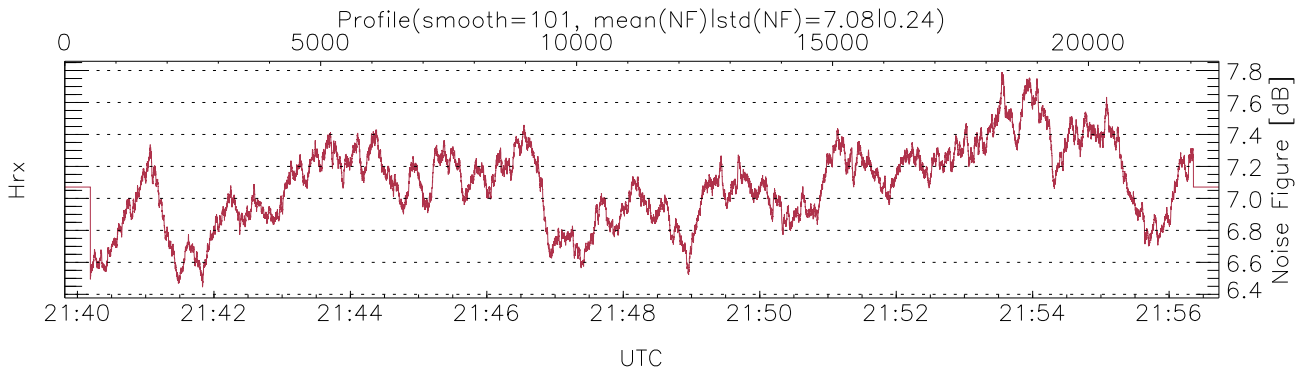
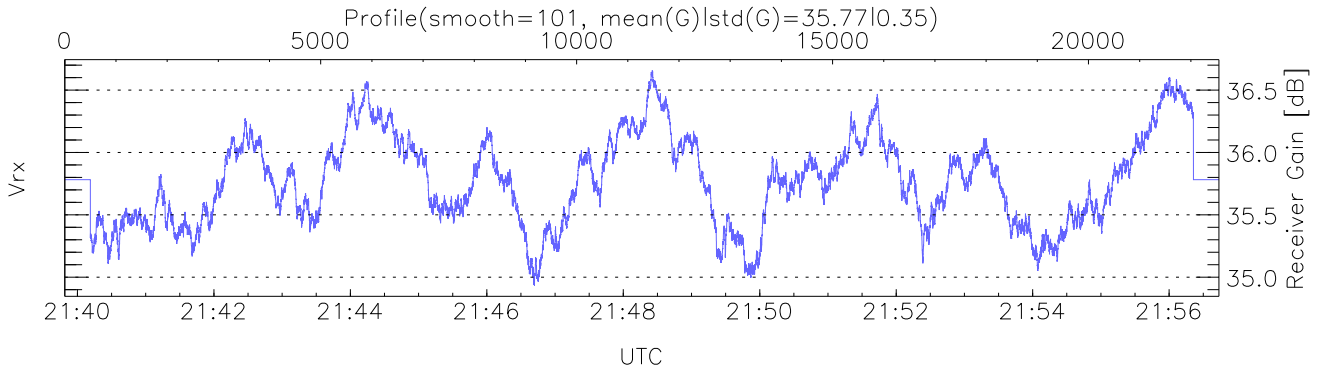
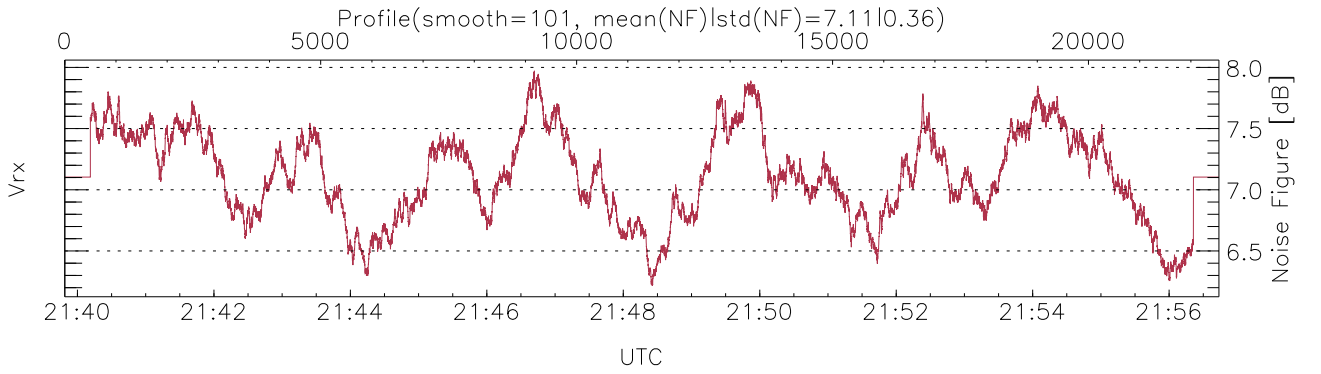
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 21:39:49-21:56:44, TimeCor: 0.00s, Dur: 1014.96s
 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): 22550/22550, 0-22549/21:39:49-21:56:44
 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,rqs): 105, 6288, 15.0 m, Gates: 413, Aspect: 3.7
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



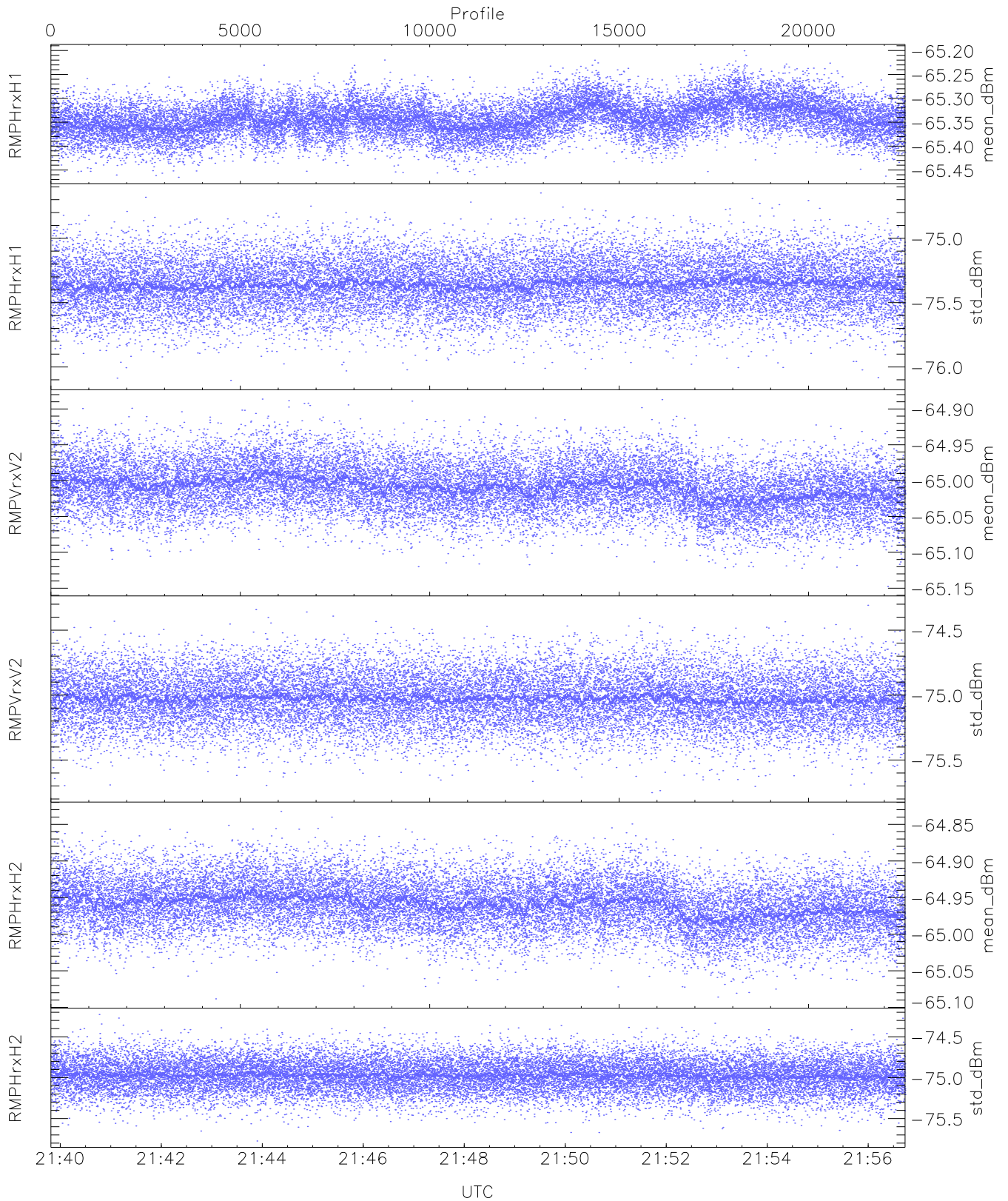
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,24,27,26,27`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,25,27,28,28`
`LOalarm(20,240,2817,14861 MHz): 0,0,22,0`
`EIK Faults(# prof affected):`
`DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (22,22,22,22,22,22)`



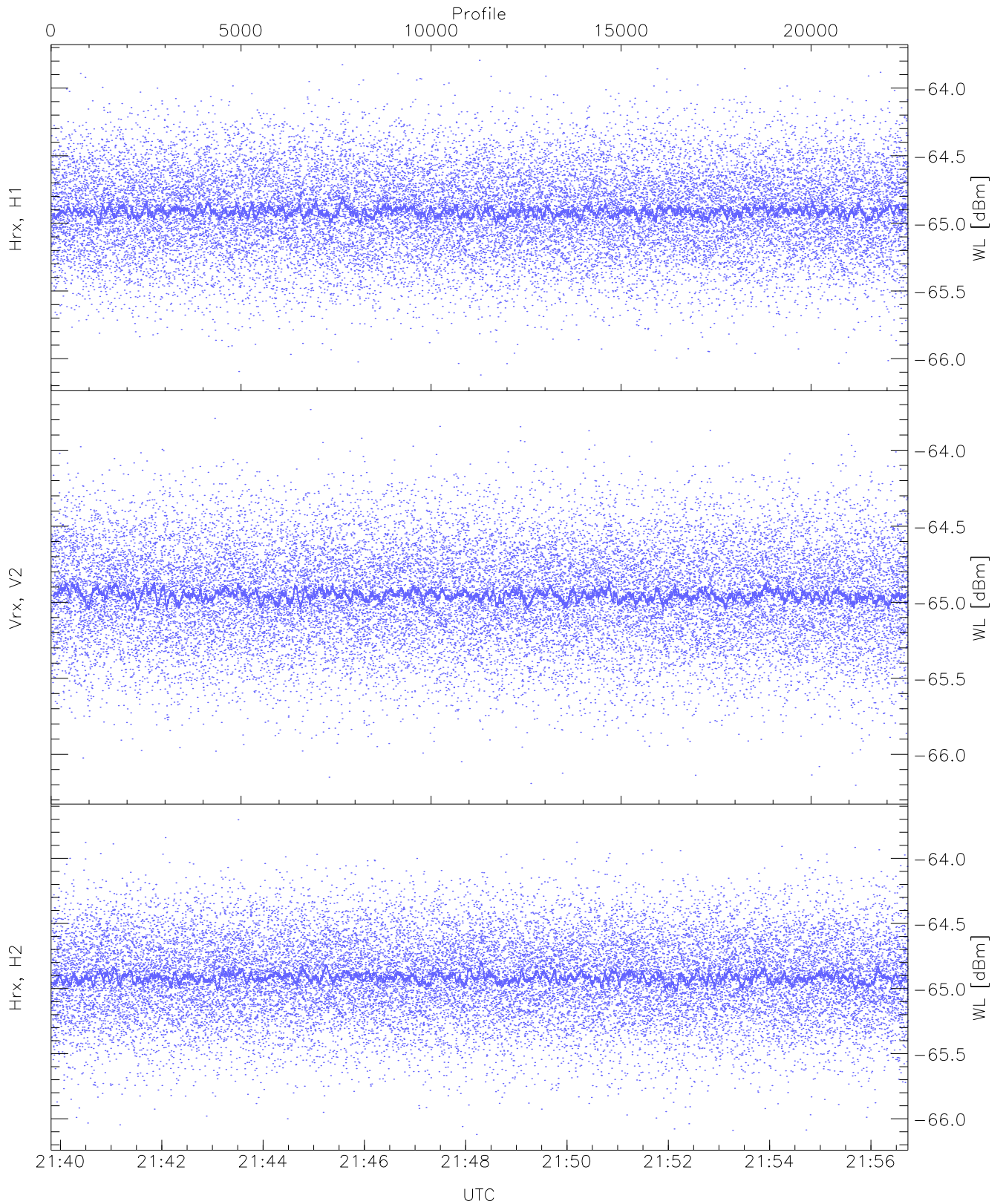
WCR3 CPP Receivers Gain and Noise Figure

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



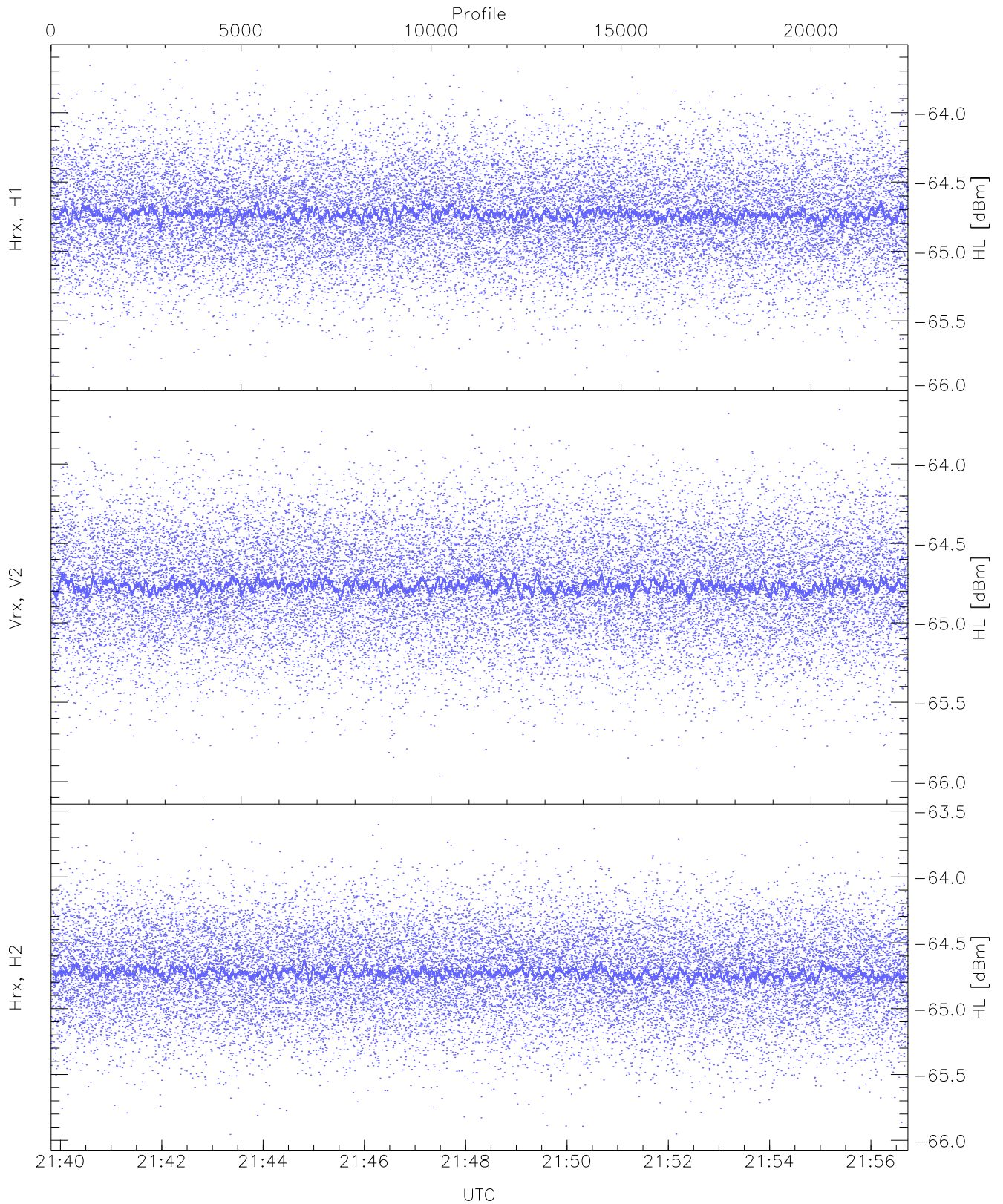
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1 (mean_dBm)	-65.47	-65.20	-65.34	-65.34	-86.32
RMPHrxH1 (std_dBm)	-76.10	-74.65	-75.36	-75.36	-89.13
RMPVrxV2 (mean_dBm)	-65.15	-64.89	-65.01	-65.01	-86.36
RMPVrxV2 (std_dBm)	-75.75	-74.31	-75.03	-75.03	-88.81
RMPHrxH2 (mean_dBm)	-65.09	-64.83	-64.96	-64.96	-86.33
RMPHrxH2 (std_dBm)	-75.77	-74.23	-74.97	-74.97	-88.74



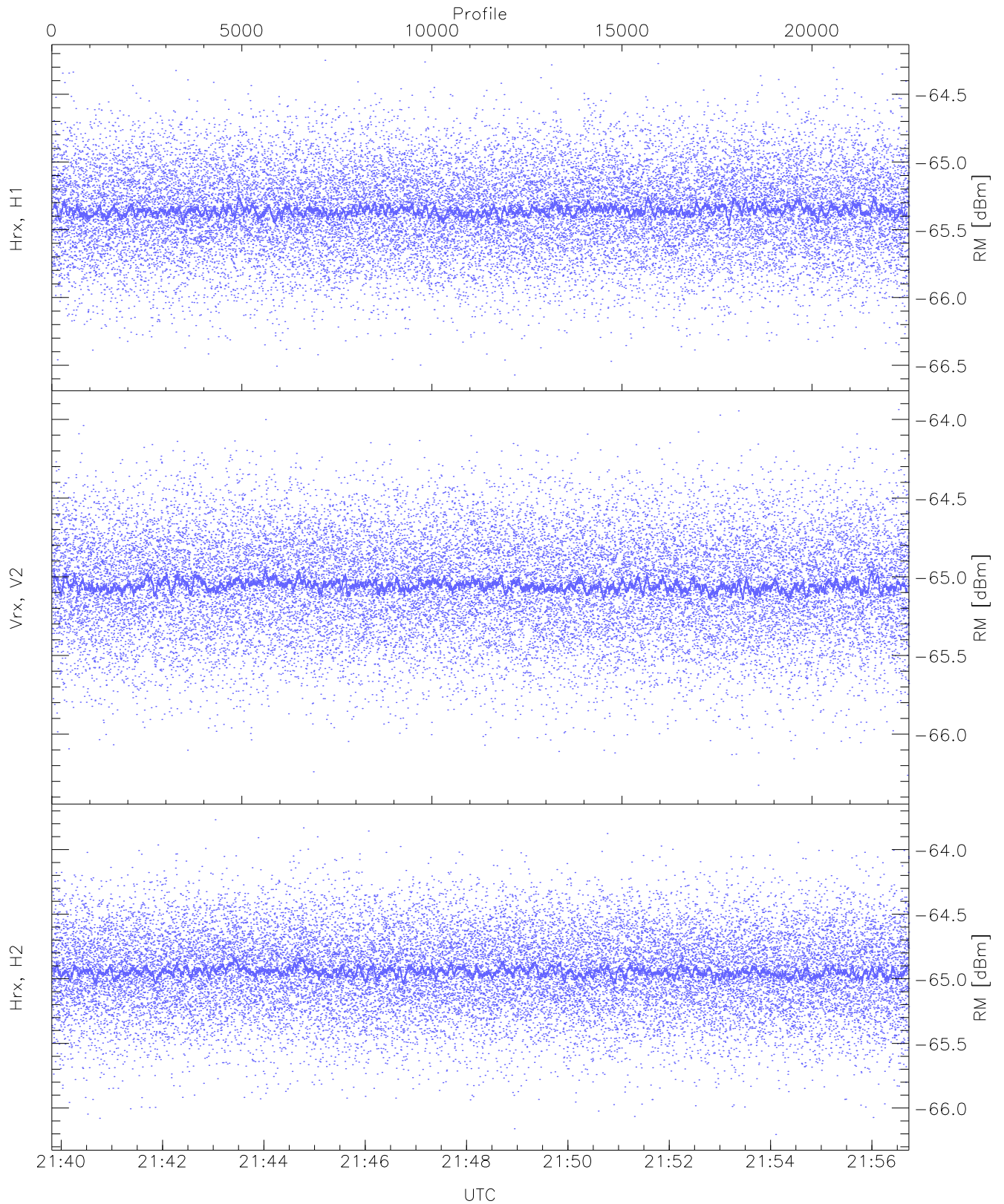
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.12	-63.79	-64.91	-64.91	-76.43
Vrx, V2 (WL [dBm])	-66.20	-63.73	-64.94	-64.95	-76.38
Hrx, H2 (WL [dBm])	-66.12	-63.70	-64.91	-64.92	-76.41



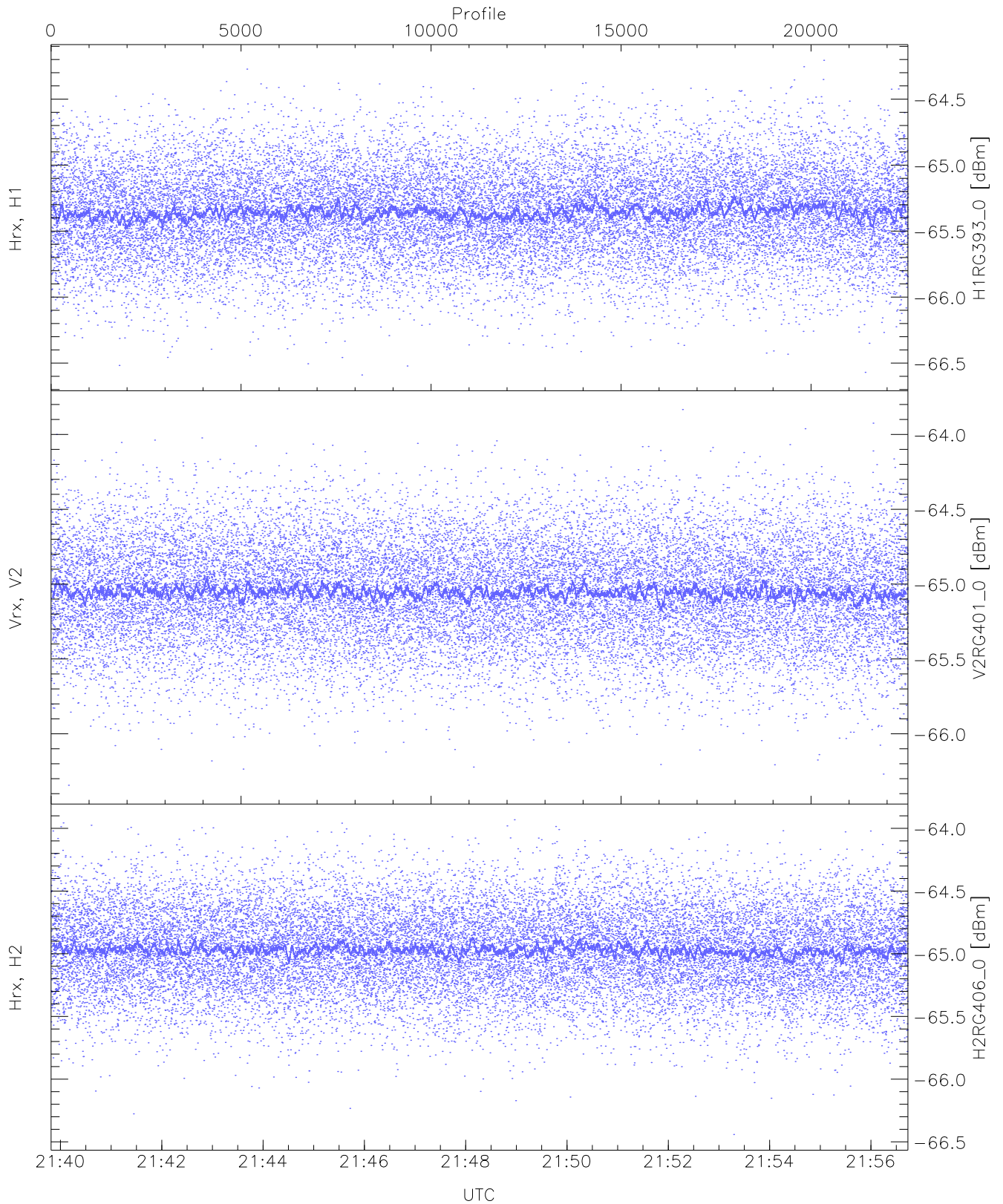
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.89	-63.62	-64.72	-64.73	-76.24
Vrx, V2 (HL [dBm])	-66.02	-63.66	-64.76	-64.77	-76.25
Hrx, H2 (HL [dBm])	-65.96	-63.57	-64.72	-64.73	-76.22



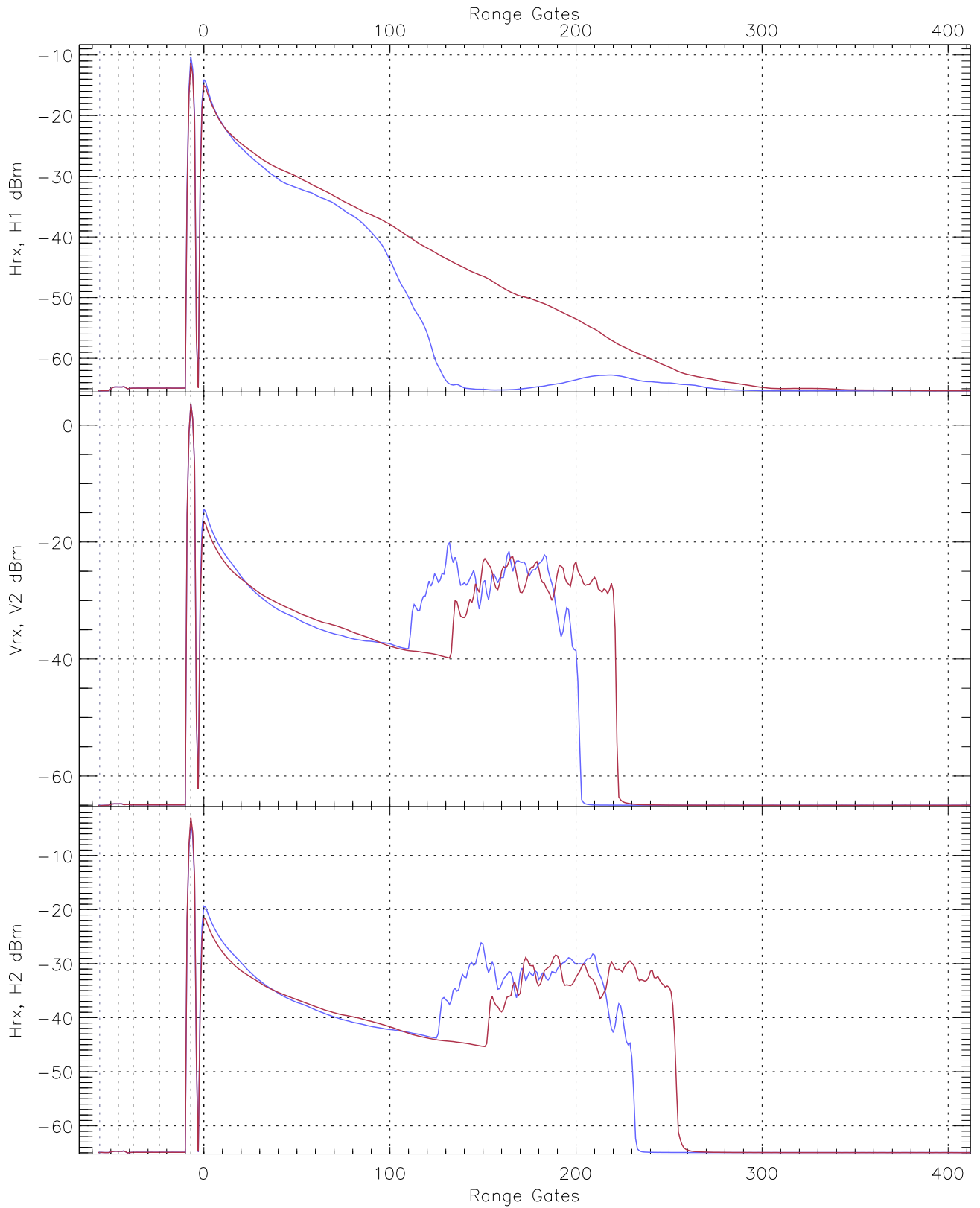
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.57	-64.25	-65.35	-65.36	-76.82
Vrx, V2 (RM [dBm])	-66.32	-63.94	-65.05	-65.05	-76.56
Hrx, H2 (RM [dBm])	-66.20	-63.77	-64.94	-64.95	-76.46

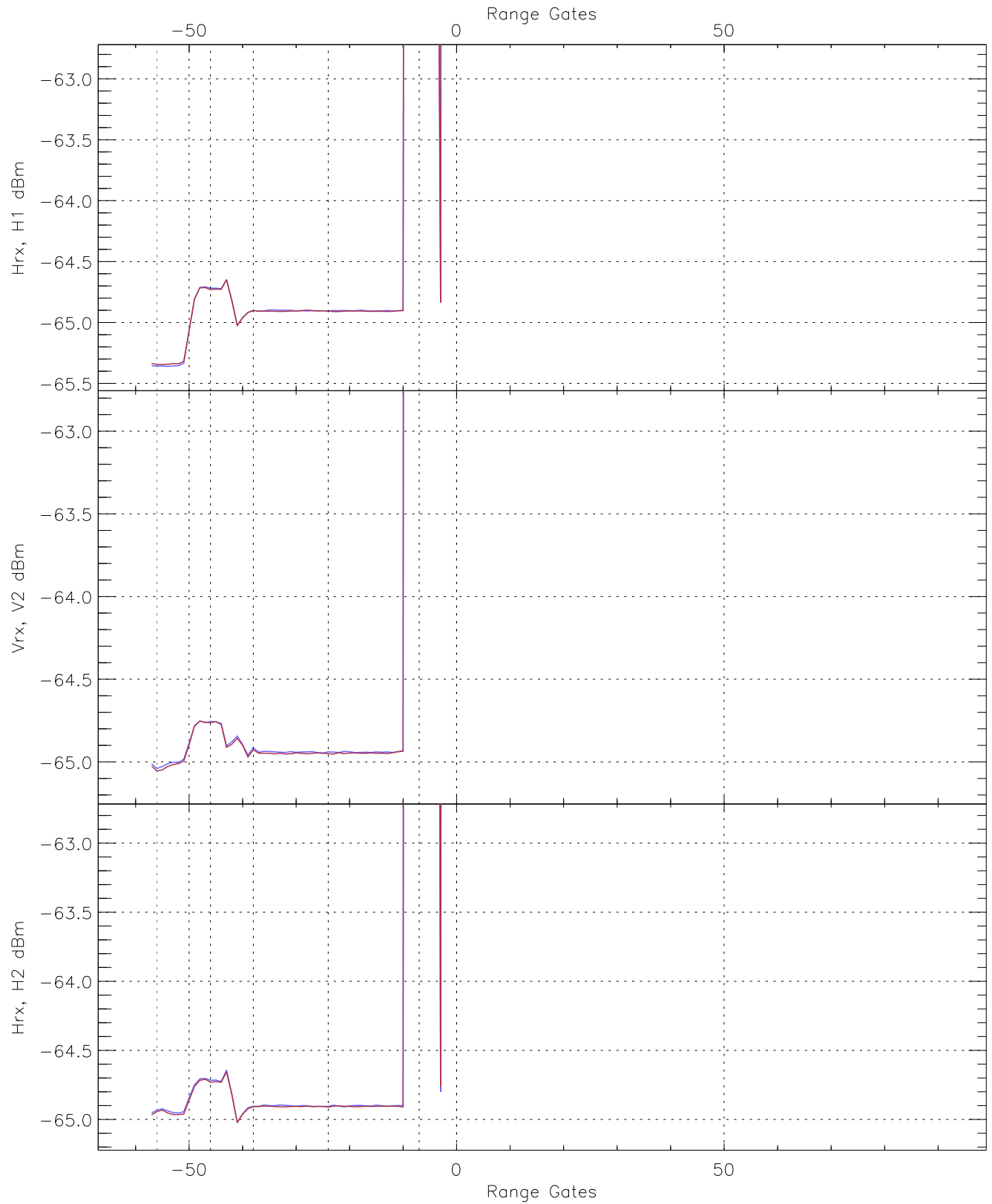


WCR3 CPP "Best" estimate Receivers Noise Power

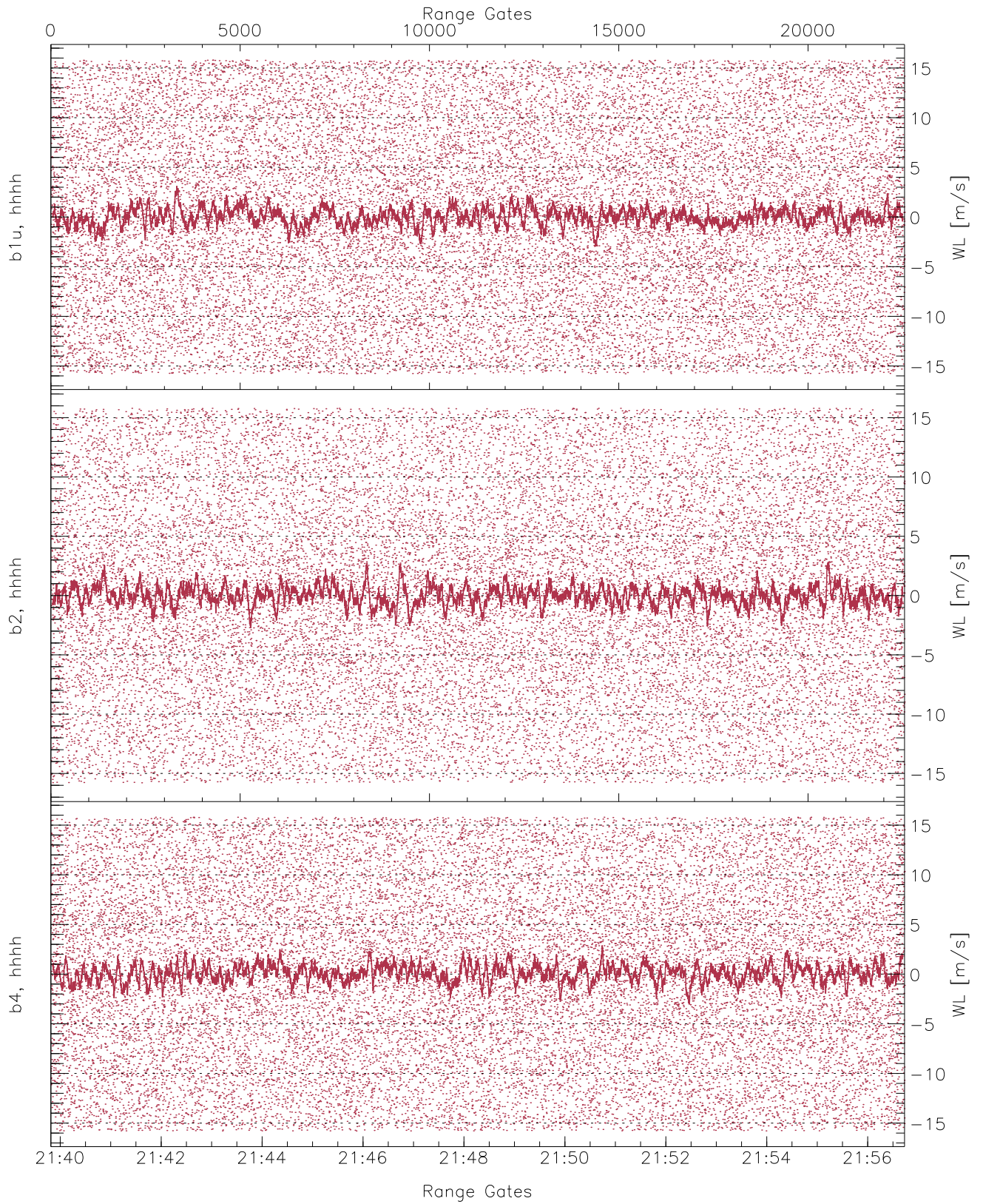
	Min	Max	Mean	Median	StDev
H1RG393_0 [dBm]	-66.59	-64.21	-65.35	-65.36	-76.80
V2RG401_0 [dBm]	-66.34	-63.83	-65.05	-65.05	-76.51
H2RG406_0 [dBm]	-66.44	-63.93	-64.96	-64.97	-76.46



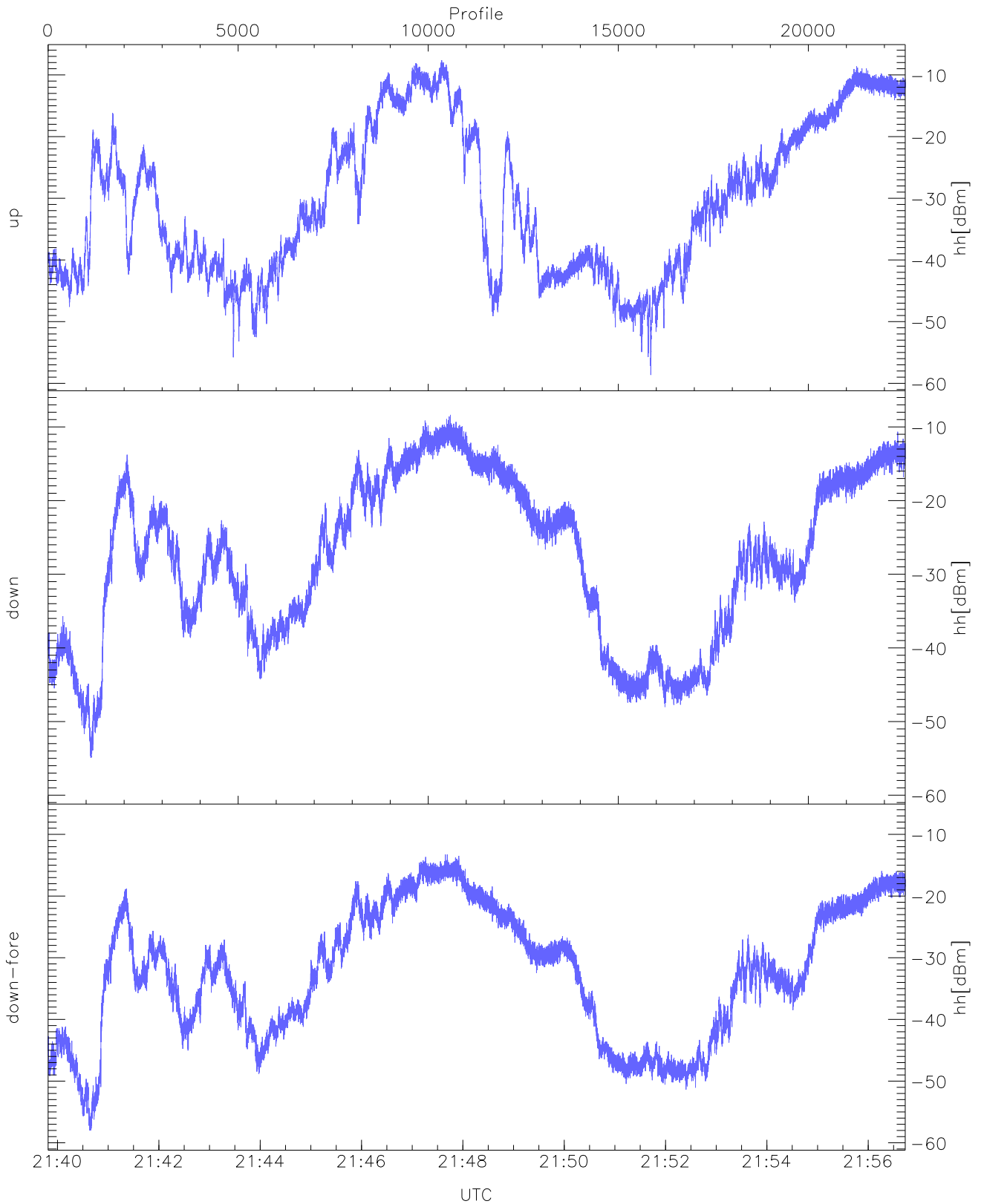
WCR3 CPP Averaged Received power for all recorded gates
blue: 213949-214816, 11276 profiles averaged
red: 214816-215644, 11275 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 213949-214816, 11276 profiles averaged
red: 214816-215644, 11275 profiles averaged

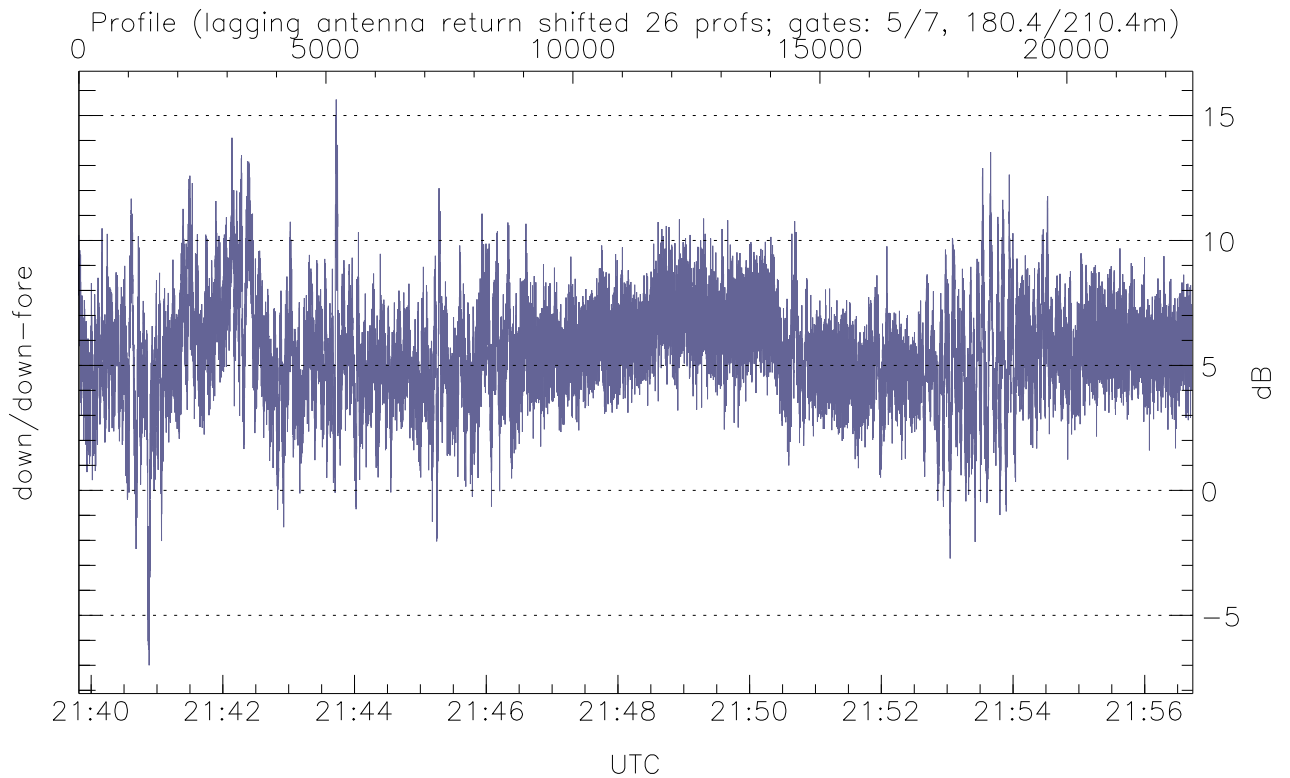
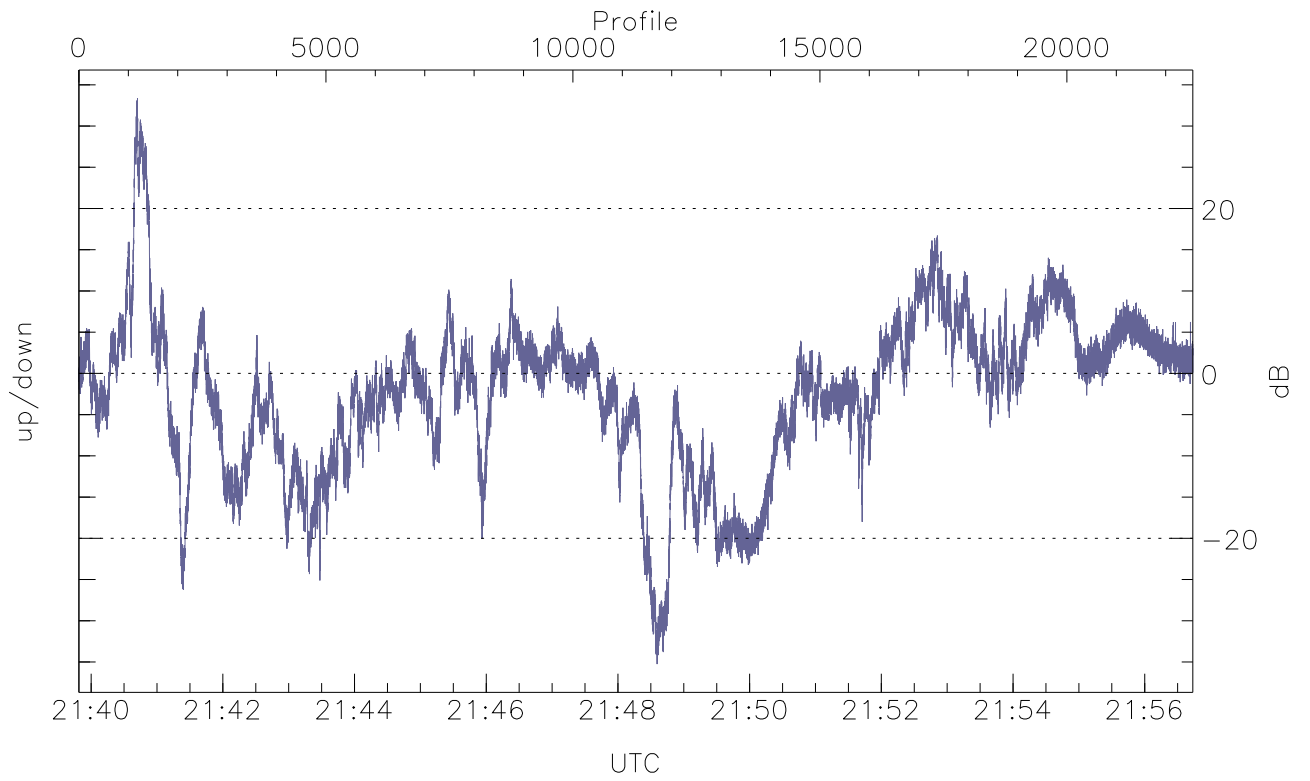


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



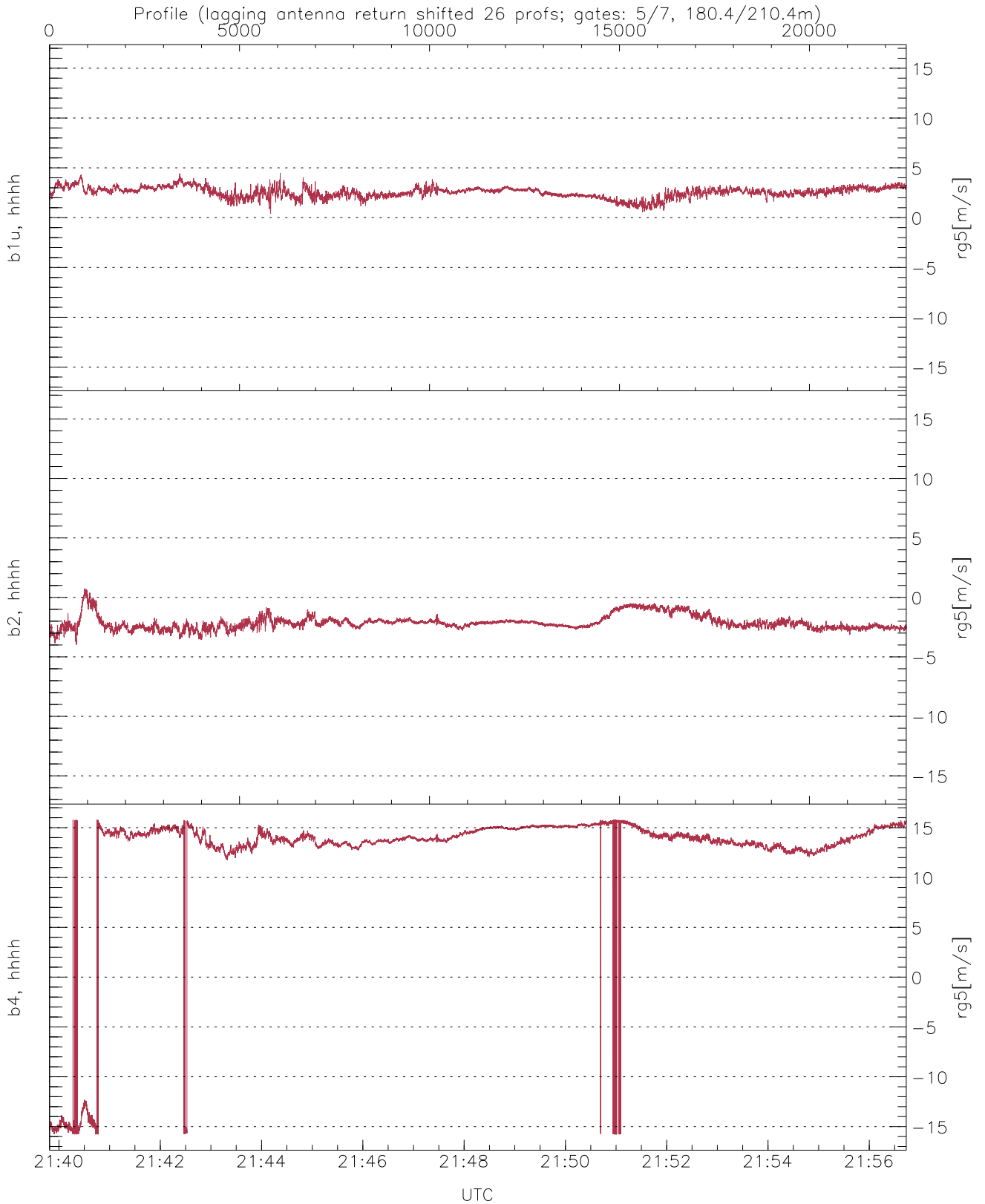
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-58.65	-7.63	-18.58
down(hh[dBm])	-54.92	-8.36	-19.28
down-fore(hh[dBm])	-58.01	-13.24	-23.93



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

	Min	Max	Mean
up/down (dB)	-35.25	33.36	-2.55
down/down-fore (dB)	-7.00	15.64	5.53



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	0.41	4.46	2.54	0.54
b2, hhhh(rg5[m/s])	-3.98	0.75	-2.12	0.59
b4, hhhh(rg5[m/s])	-15.79	15.79	12.48	6.73