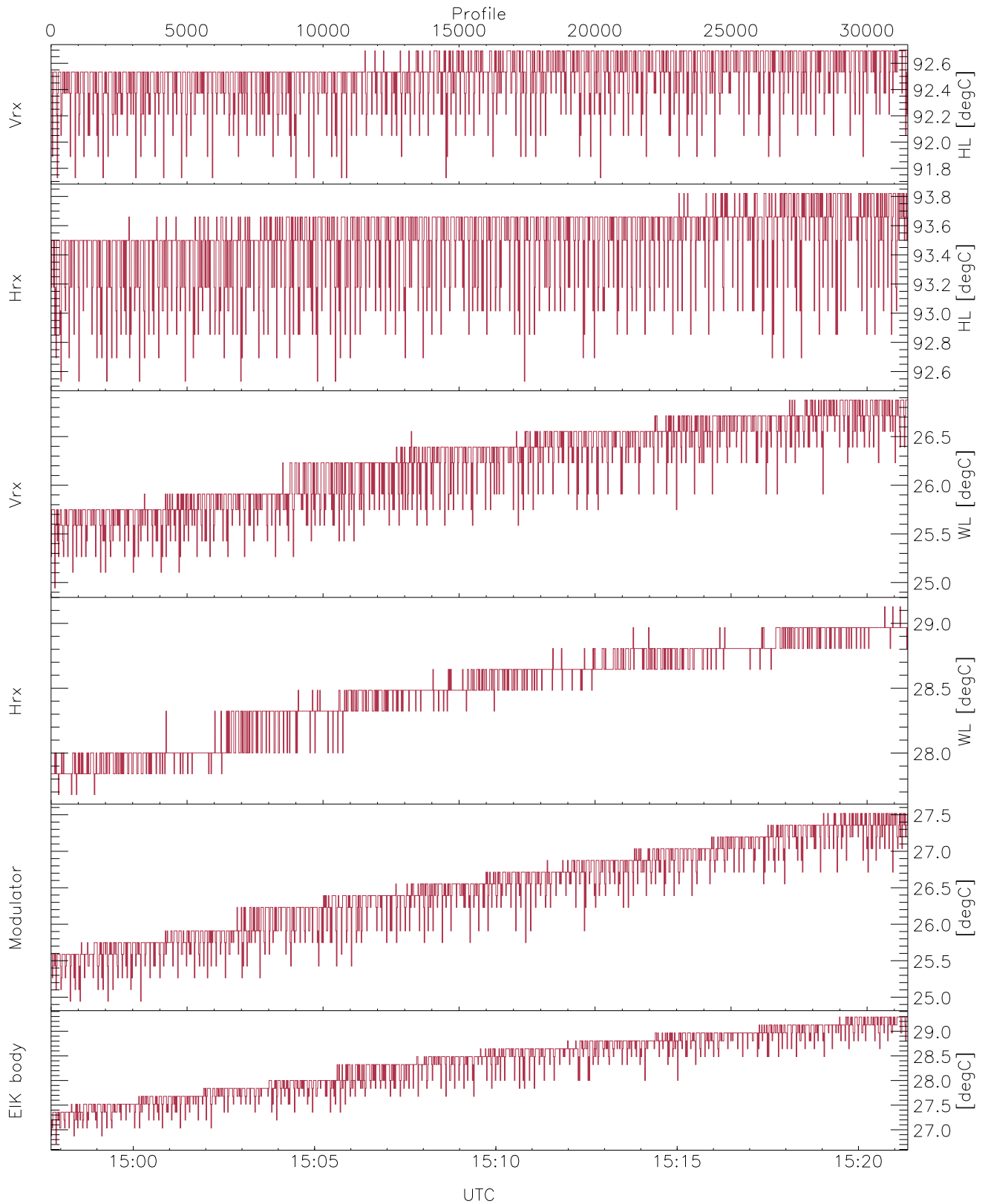


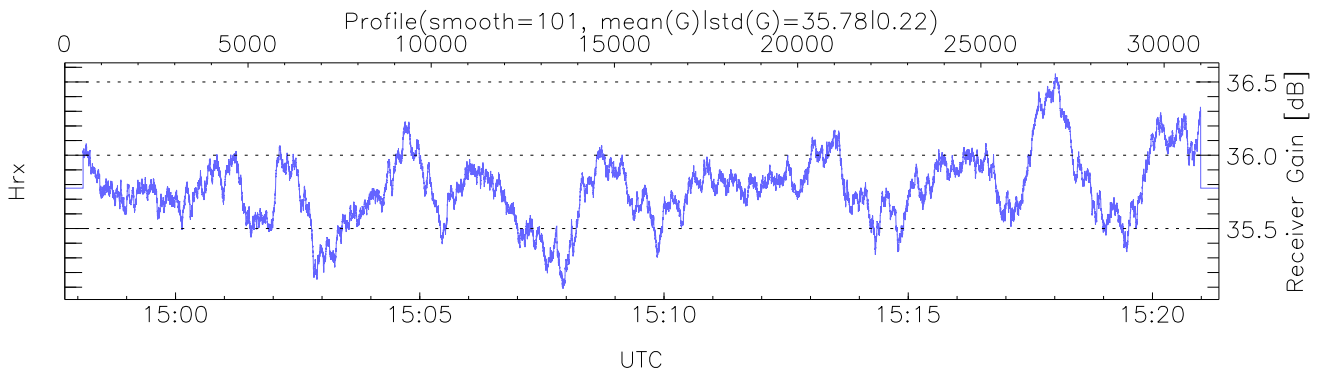
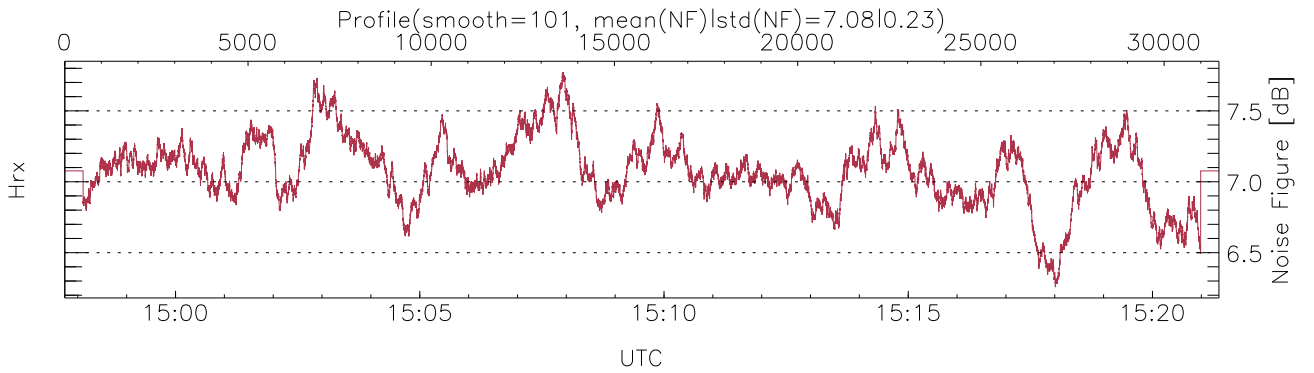
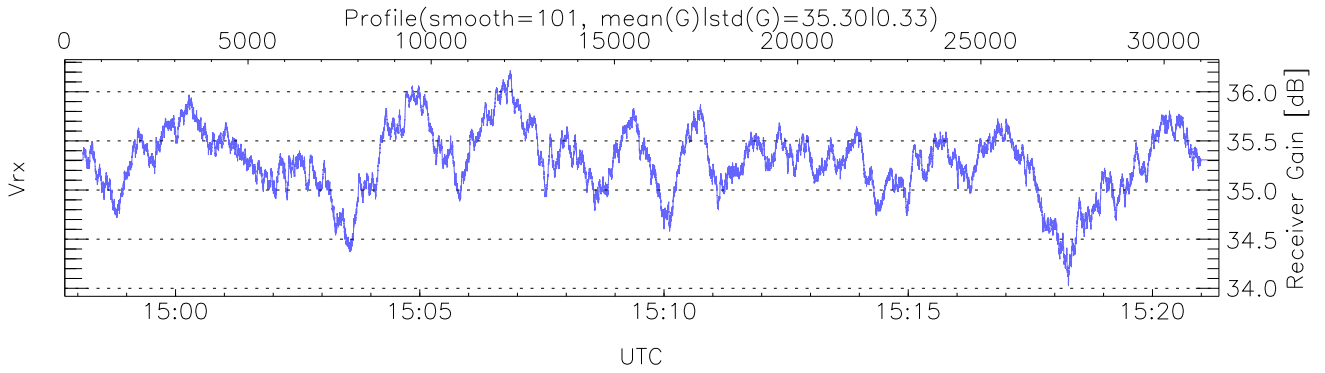
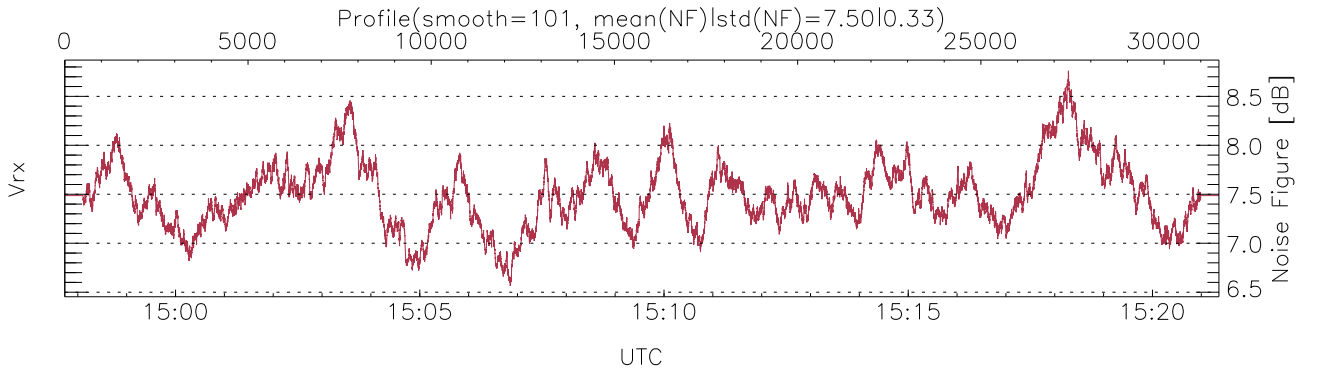
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 14:57:44-15:21:22, TimeCor: 0.00s, Dur: 1417.72s
 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): 31498/31498, 0-31497/14:57:44-15:21:22
 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



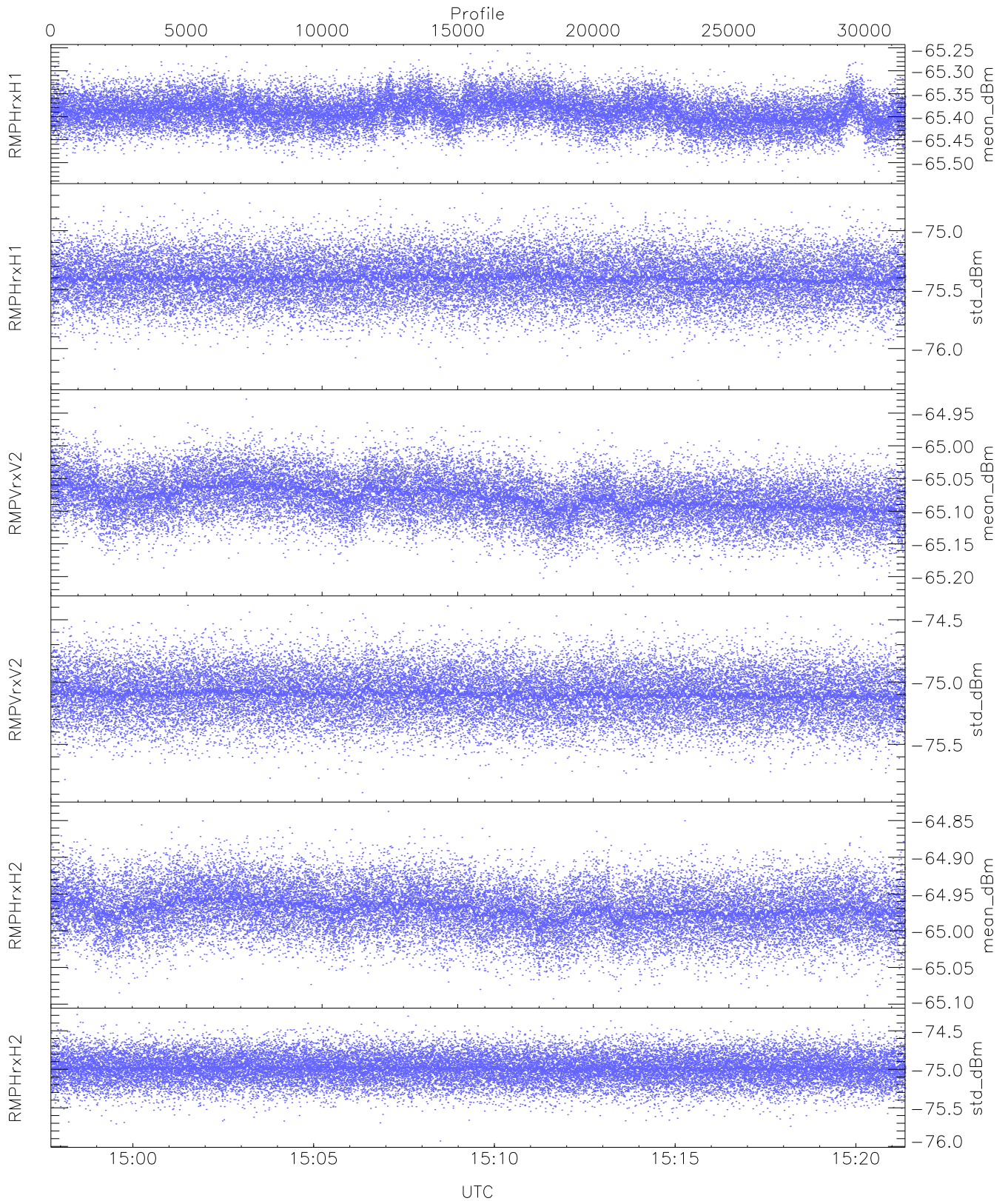
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,24,27,24,26`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,26,29,27,29`
`LOalarm(20,240,2817,14861 MHz): 0,0,44,0`
`EIK/Modulator Faults: None`



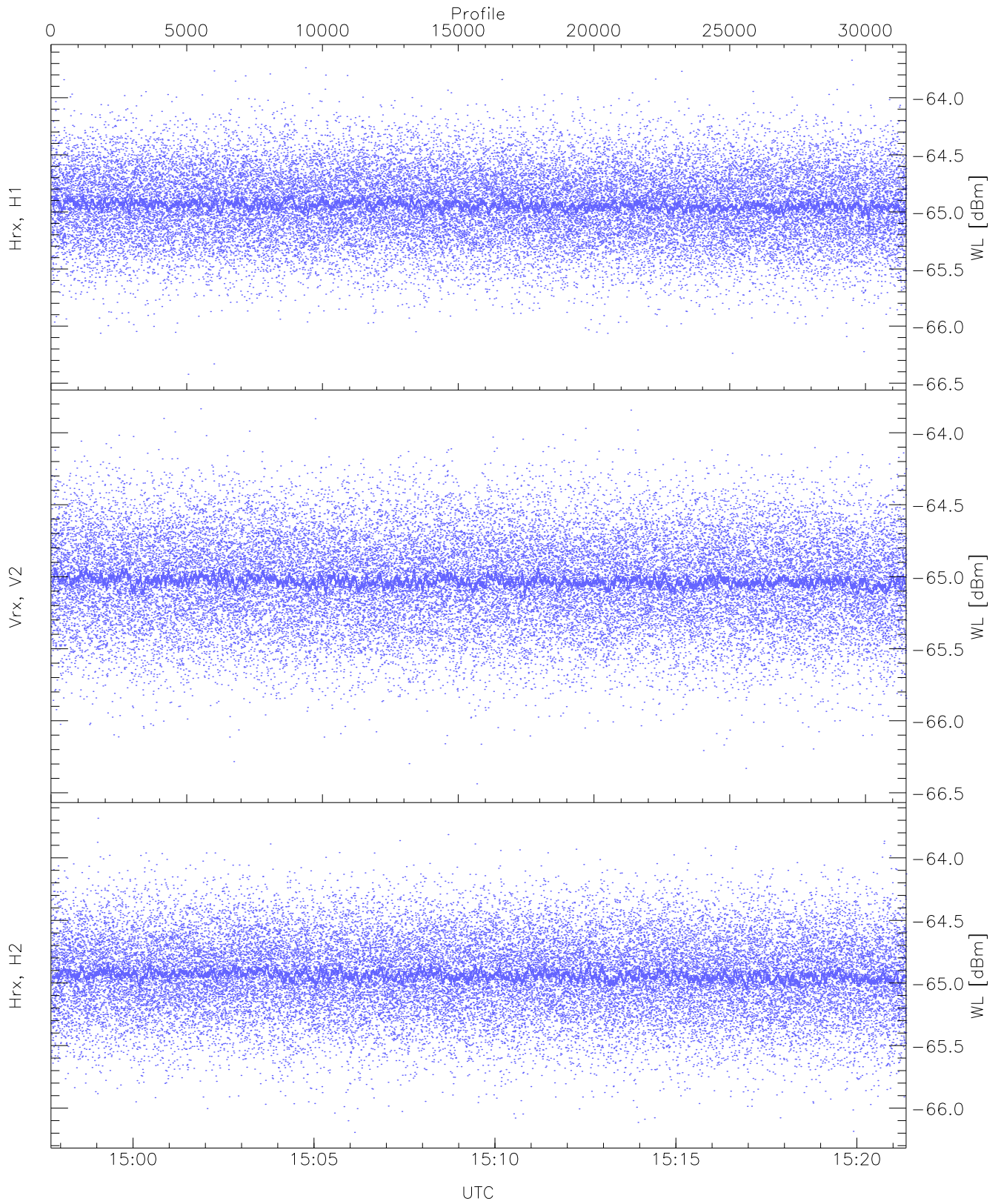
WCR3 CPP Receivers Gain and Noise Figure

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



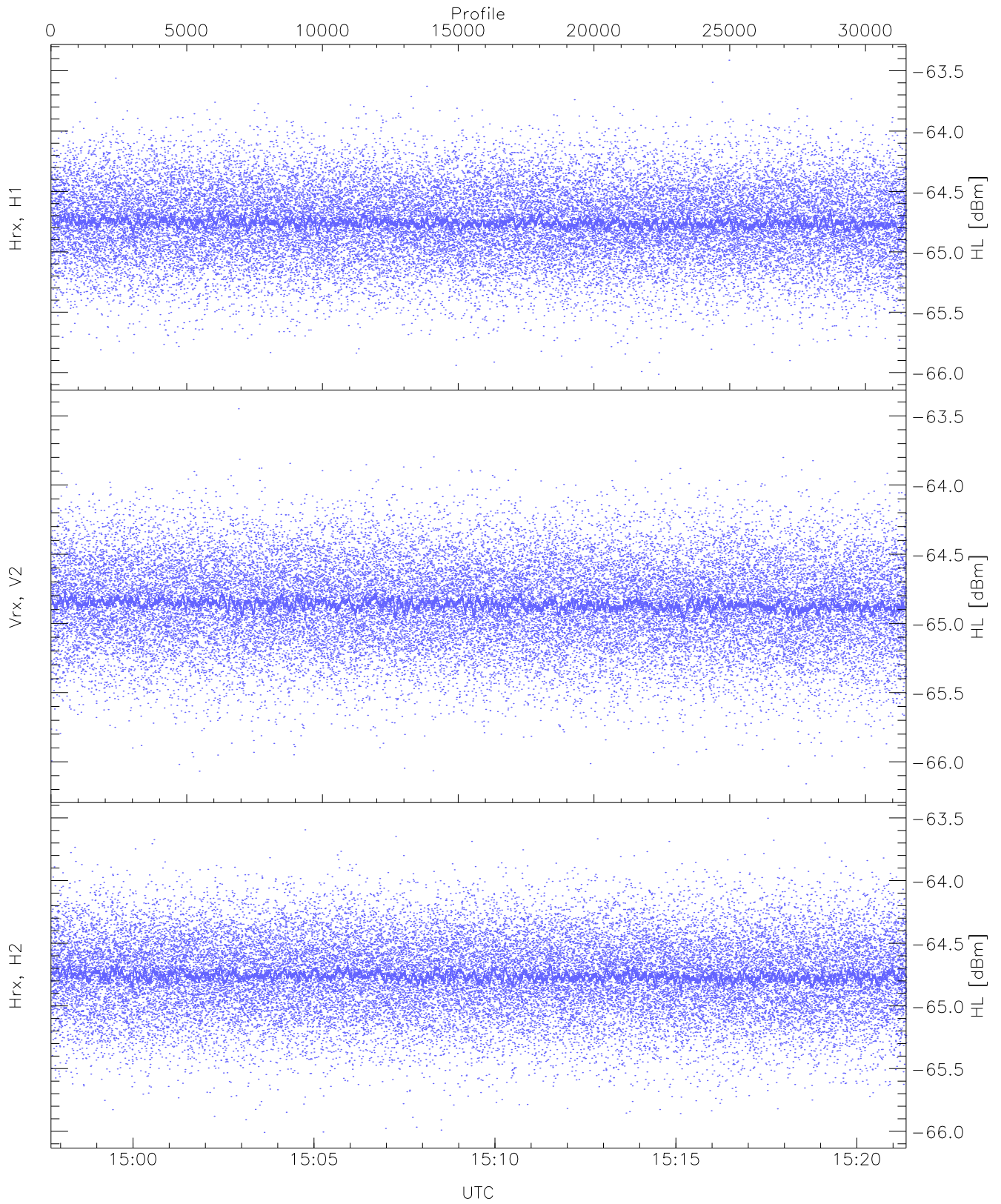
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1 (mean_dBm)	-65.53	-65.26	-65.39	-65.39	-86.61
RMPHrxH1 (std_dBm)	-76.27	-74.68	-75.40	-75.41	-89.16
RMPVrxV2 (mean_dBm)	-65.22	-64.93	-65.08	-65.08	-86.28
RMPVrxV2 (std_dBm)	-75.89	-74.38	-75.10	-75.10	-88.89
RMPHrxH2 (mean_dBm)	-65.09	-64.84	-64.97	-64.97	-86.44
RMPHrxH2 (std_dBm)	-75.93	-74.29	-74.99	-74.99	-88.77



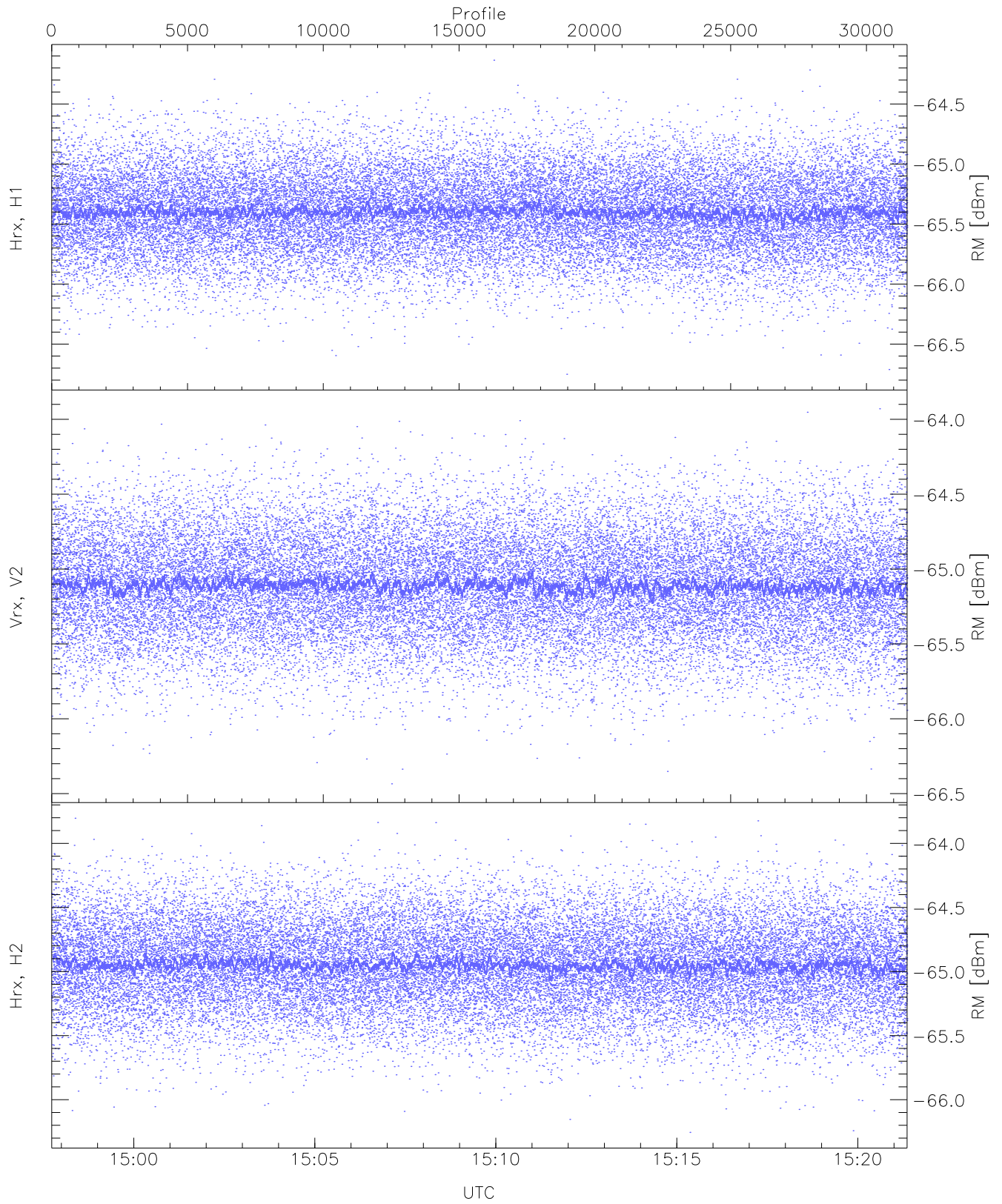
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.42	-63.67	-64.93	-64.94	-76.39
Vrx, V2 (WL [dBm])	-66.44	-63.83	-65.02	-65.03	-76.52
Hrx, H2 (WL [dBm])	-66.19	-63.68	-64.93	-64.94	-76.43



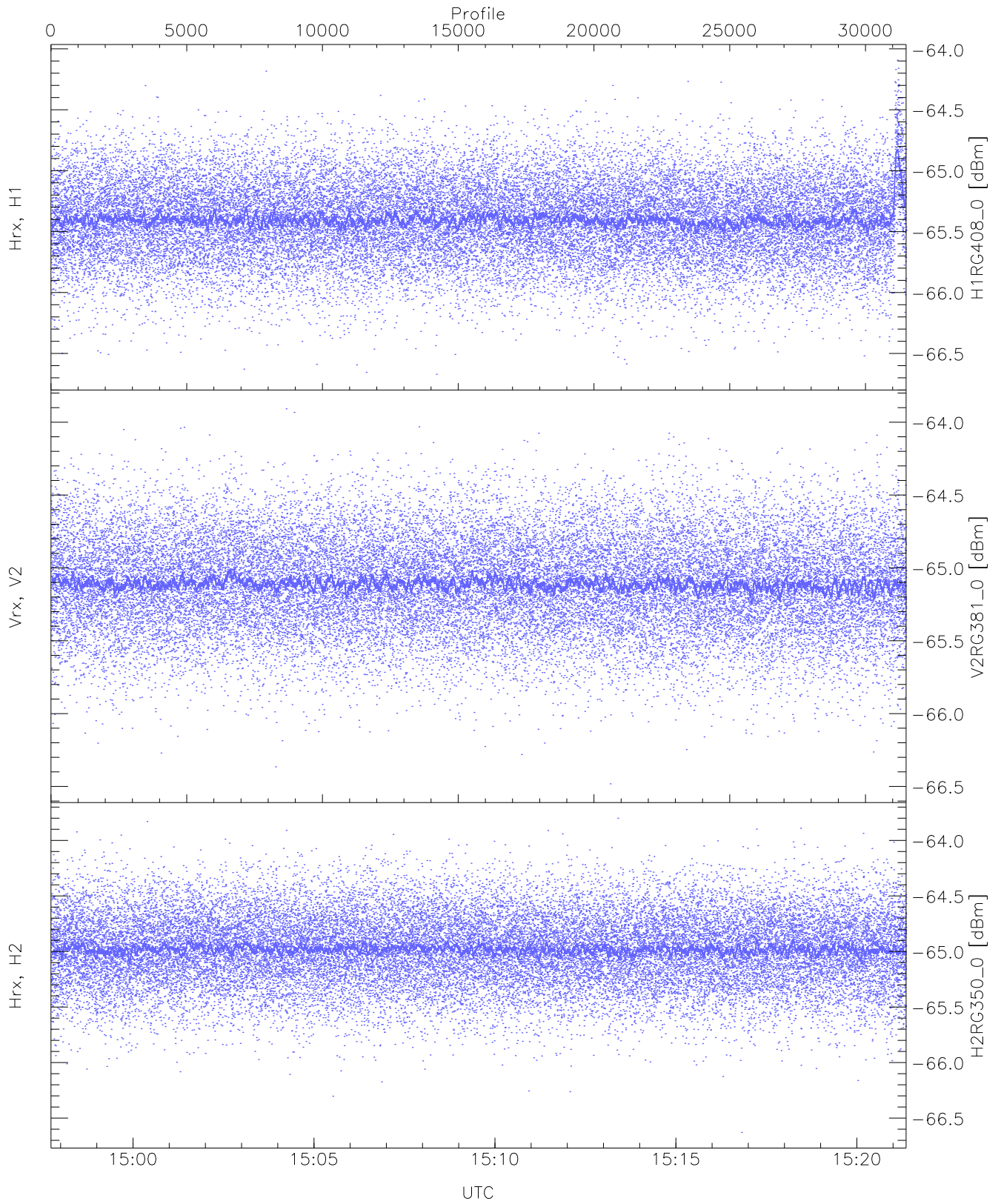
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-66.01	-63.41	-64.75	-64.76	-76.26
Vrx, V2 (HL [dBm])	-66.16	-63.45	-64.85	-64.86	-76.38
Hrx, H2 (HL [dBm])	-66.01	-63.50	-64.75	-64.76	-76.27



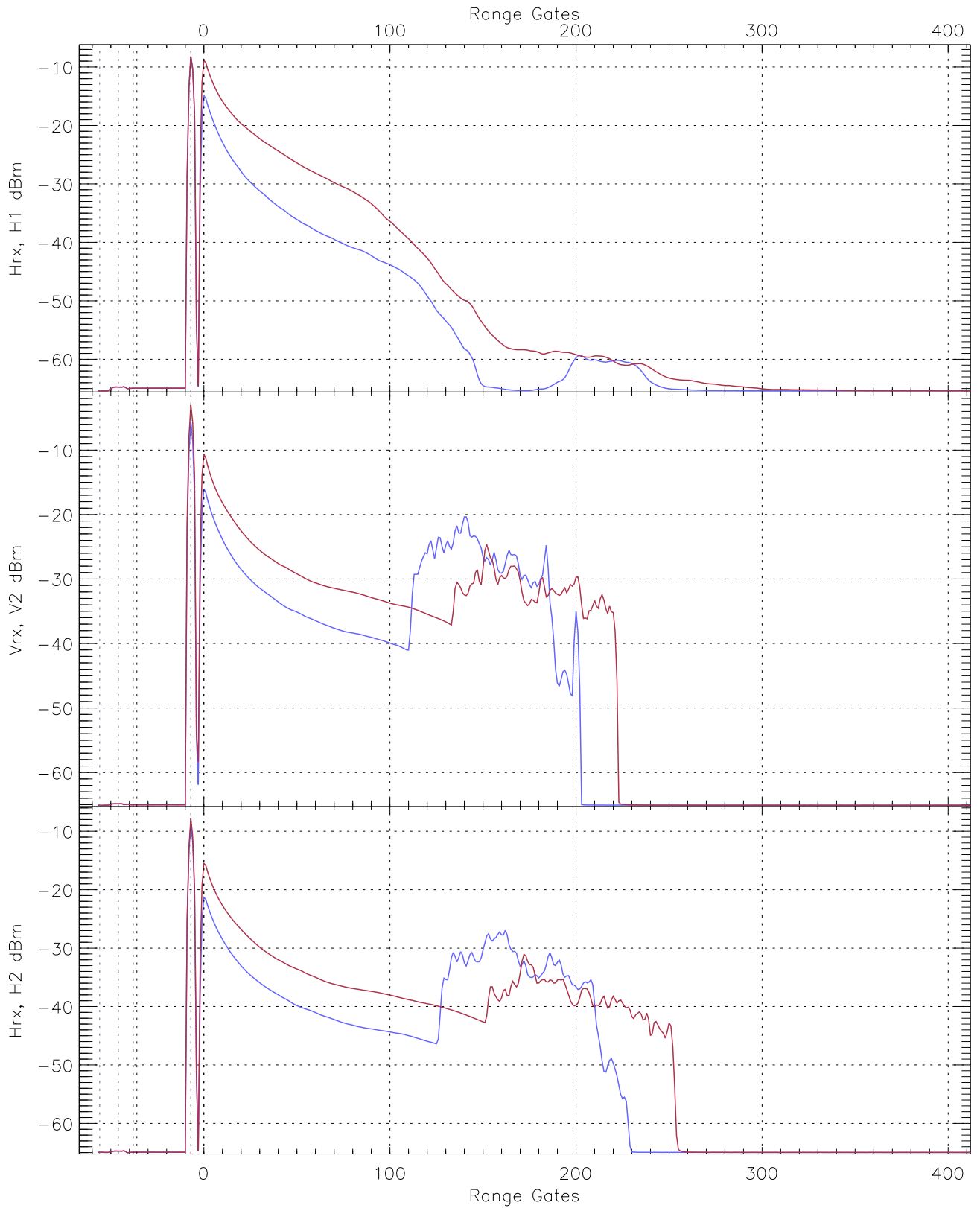
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.75	-64.14	-65.40	-65.40	-76.90
Vrx, V2 (RM [dBm])	-66.43	-63.93	-65.10	-65.11	-76.58
Hrx, H2 (RM [dBm])	-66.26	-63.80	-64.94	-64.95	-76.46

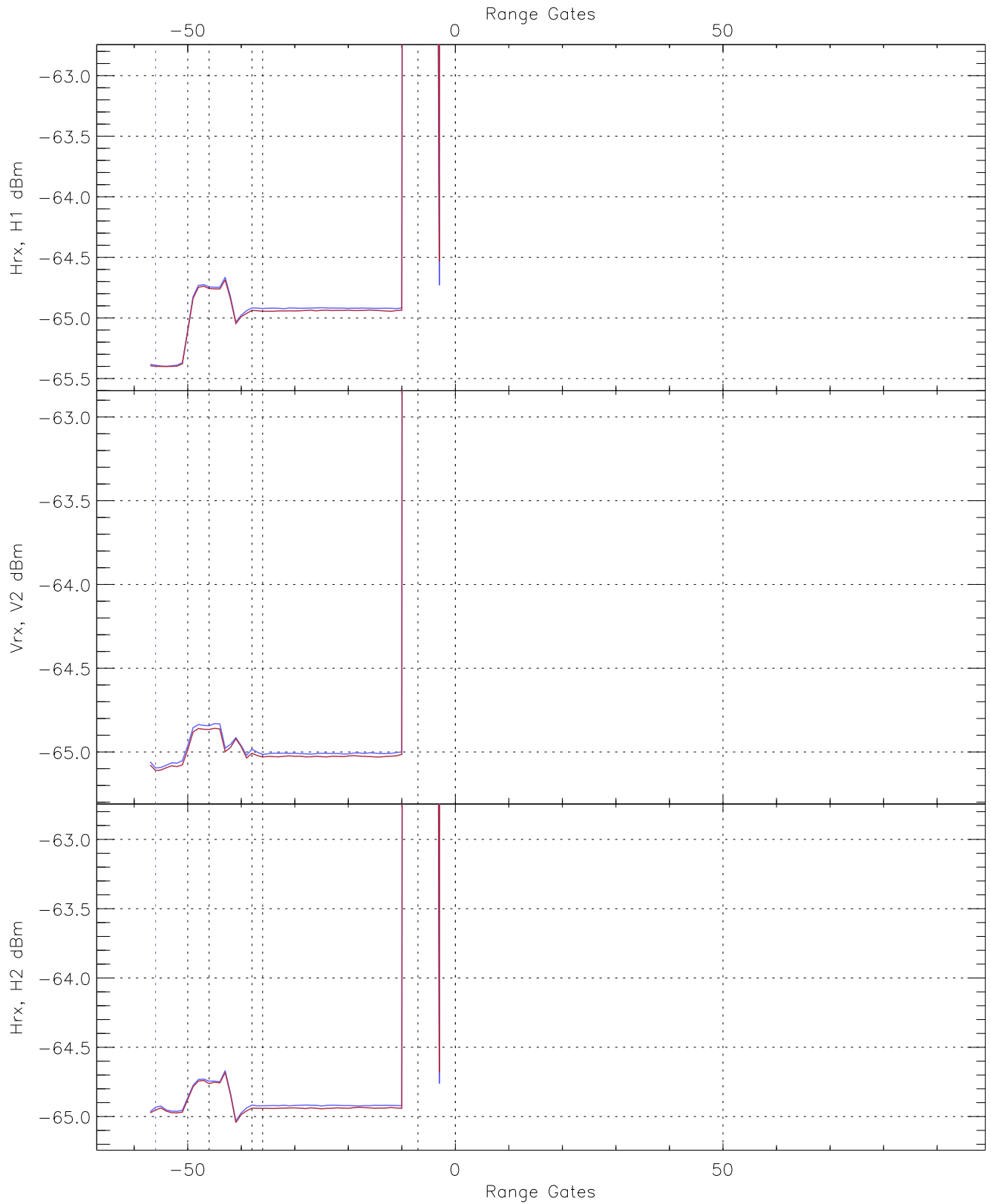


WCR3 CPP "Best" estimate Receivers Noise Power

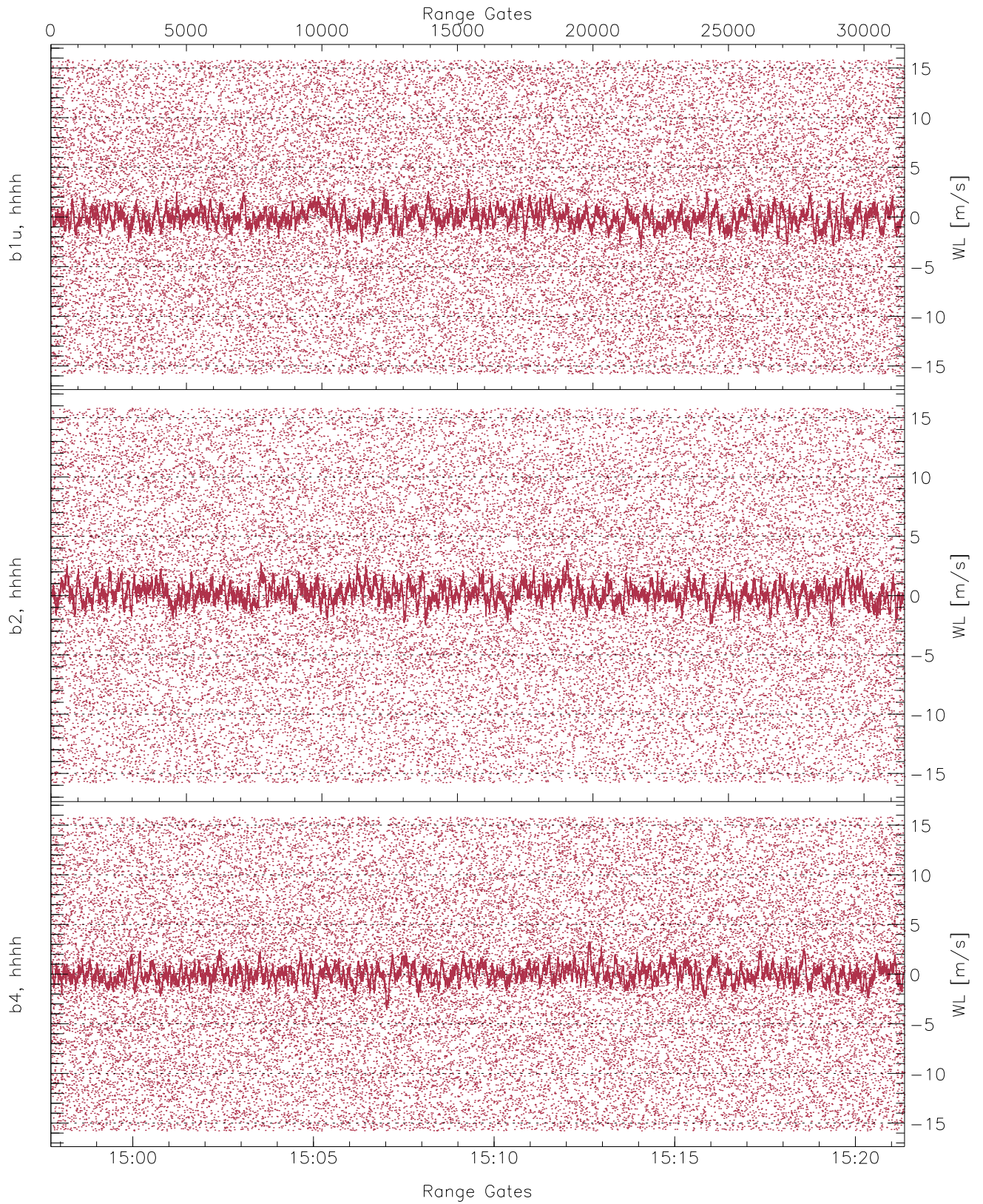
	Min	Max	Mean	Median	StDev
H1RG408_0 [dBm]	-66.67	-64.09	-65.40	-65.40	-76.85
V2RG381_0 [dBm]	-66.48	-63.91	-65.10	-65.11	-76.61
H2RG350_0 [dBm]	-66.63	-63.80	-64.97	-64.98	-76.45



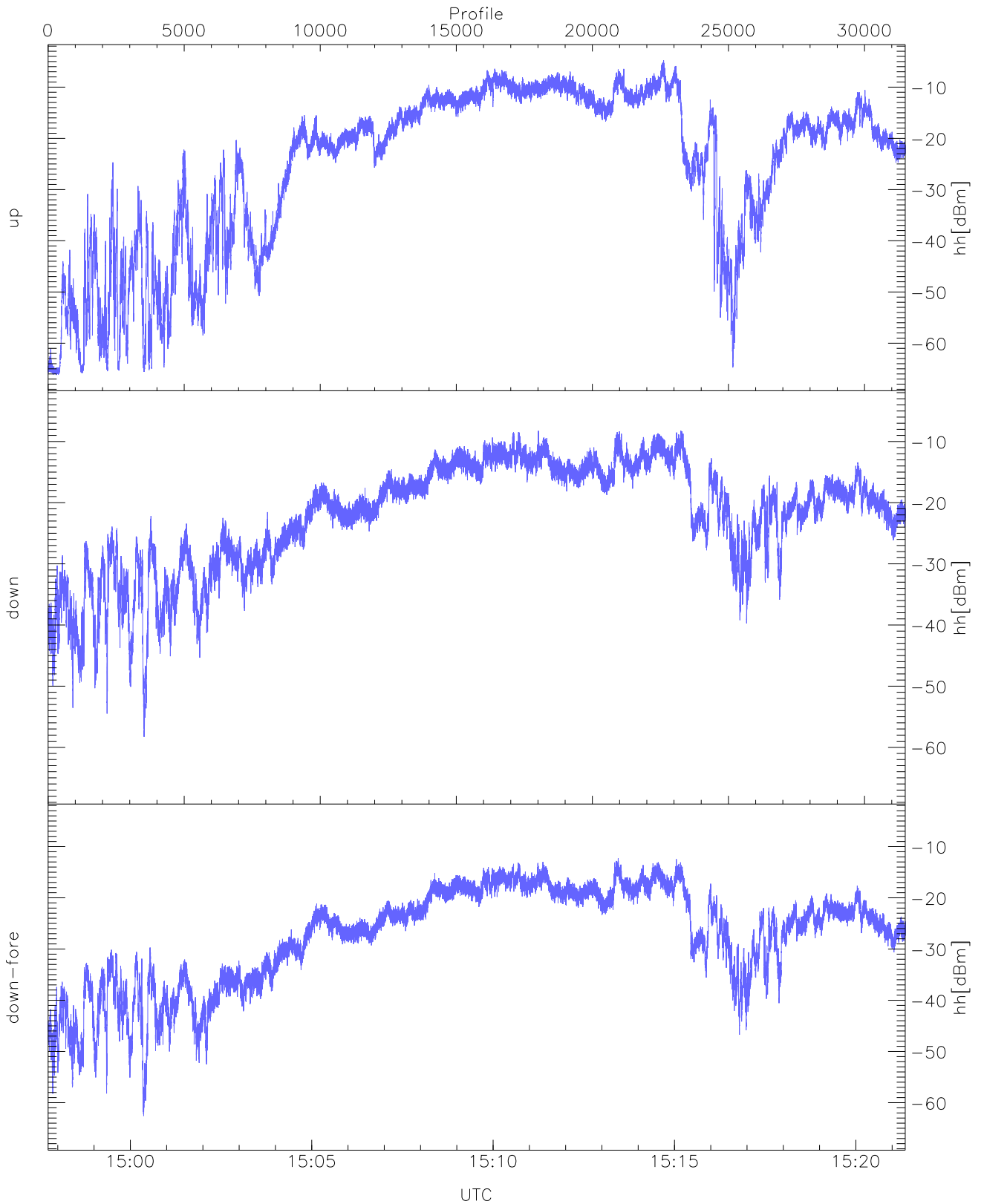
WCR3 CPP Averaged Received power for all recorded gates
blue: 145744-150933, 15750 profiles averaged
red: 150933-152122, 15749 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 145744-150933, 15750 profiles averaged
red: 150933-152122, 15749 profiles averaged

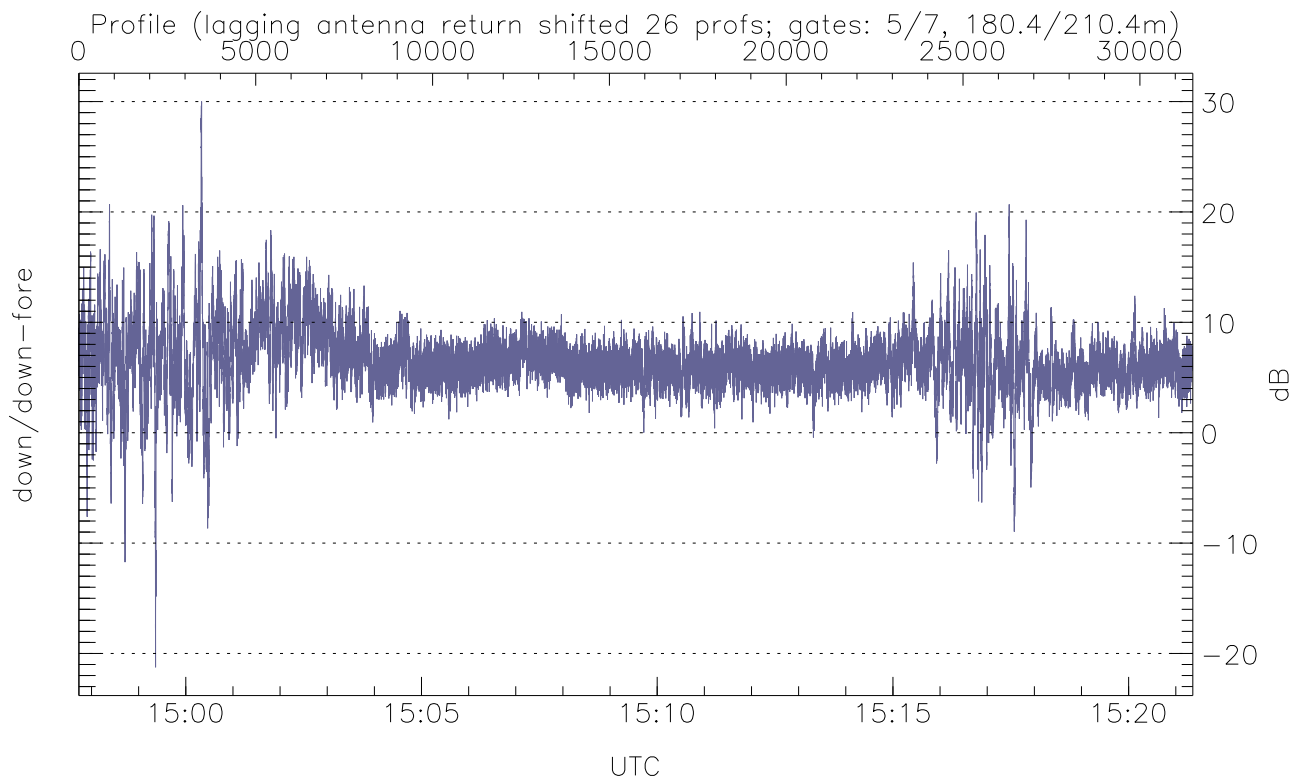
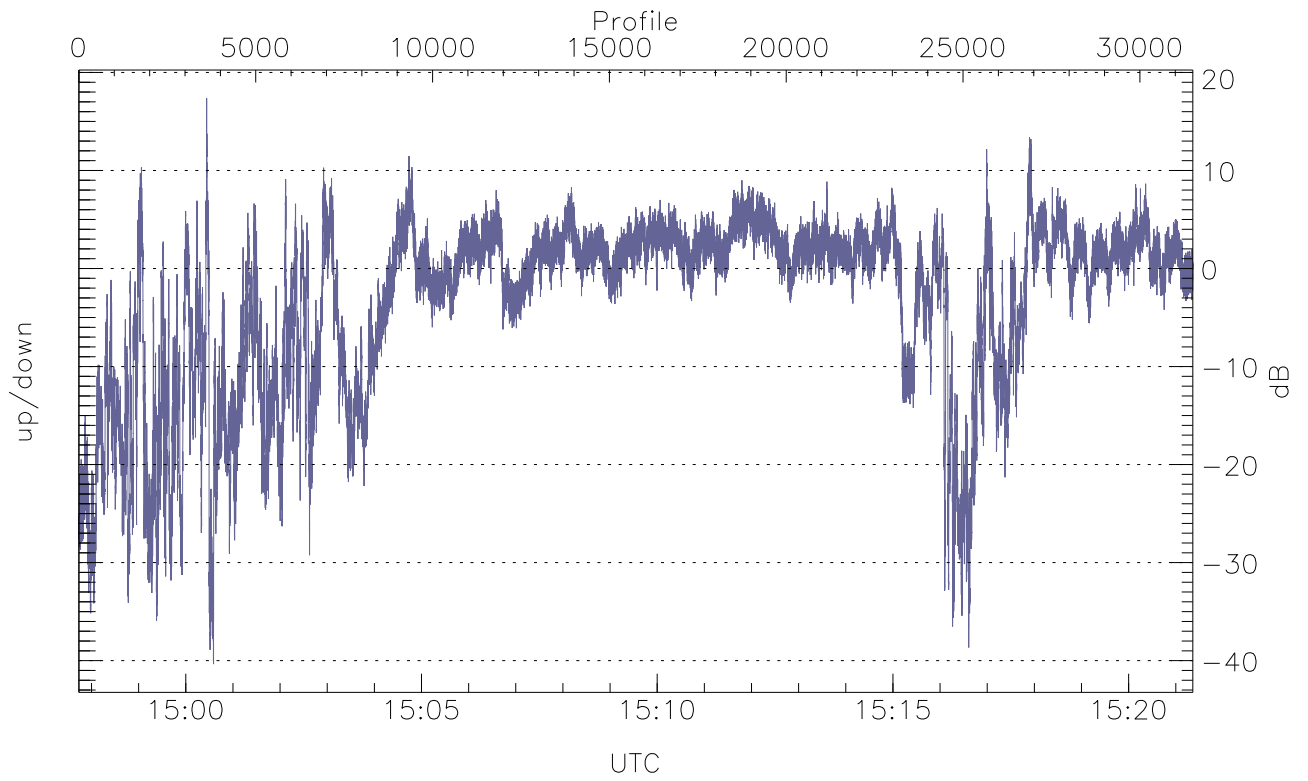


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



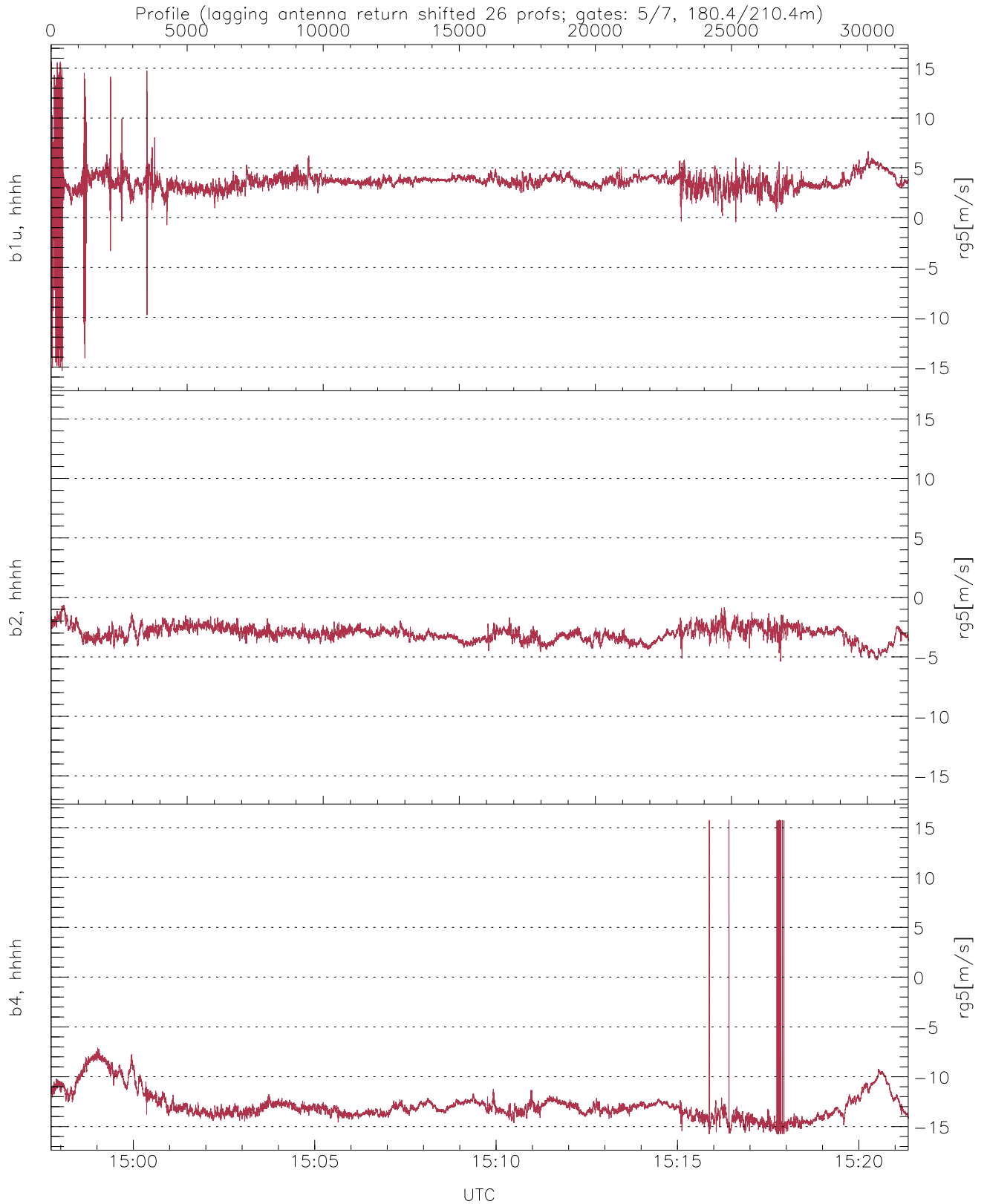
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.21	-4.76	-14.94
down(hh[dBm])	-58.28	-8.23	-16.98
down-fore(hh[dBm])	-62.59	-12.30	-21.54



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

	Min	Max	Mean
up/down (dB)	-40.35	17.36	-3.33
down/down-fore (dB)	-21.25	30.01	6.49



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.37	15.67	3.55	1.19
b2, hhhh(rg5[m/s])	-5.40	-0.63	-3.05	0.62
b4, hhhh(rg5[m/s])	-15.79	15.79	-12.79	2.05