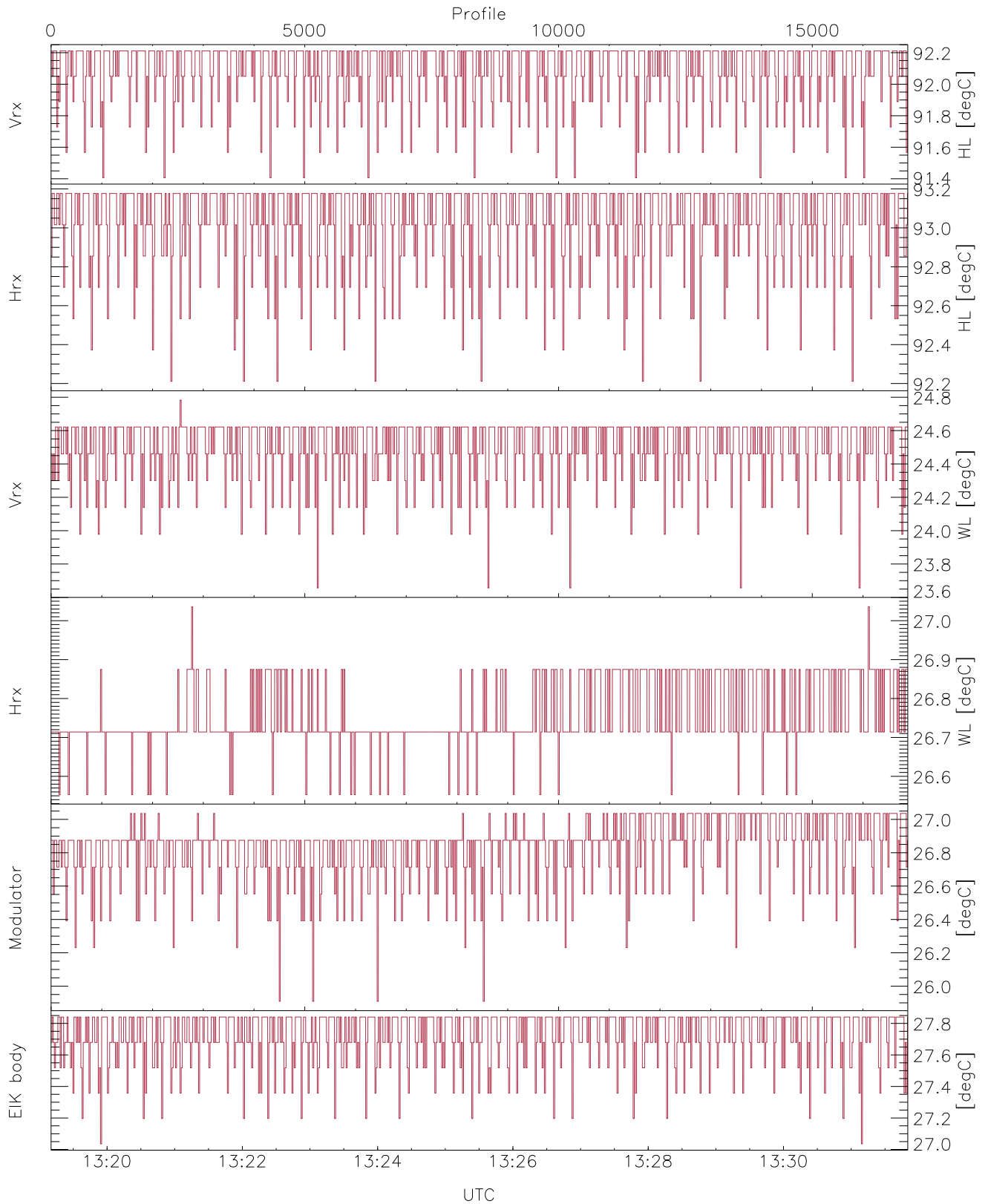


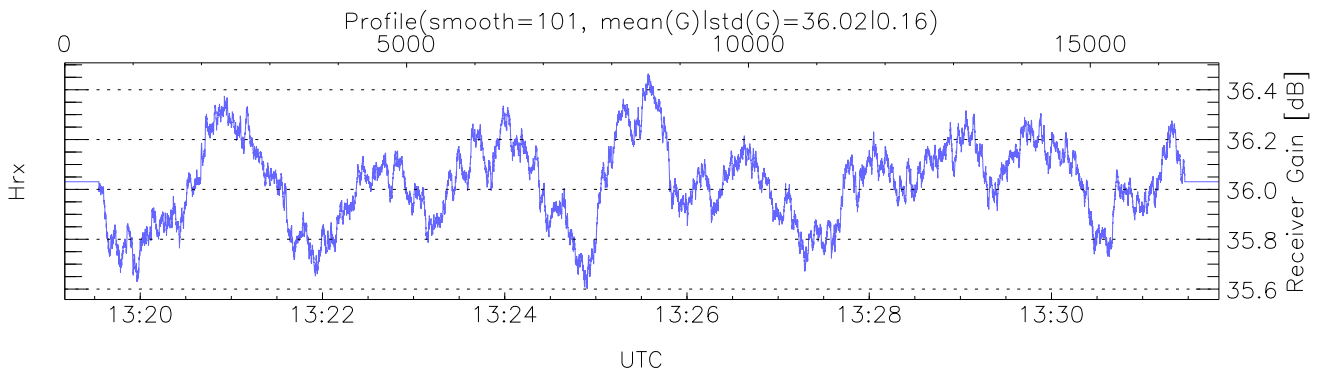
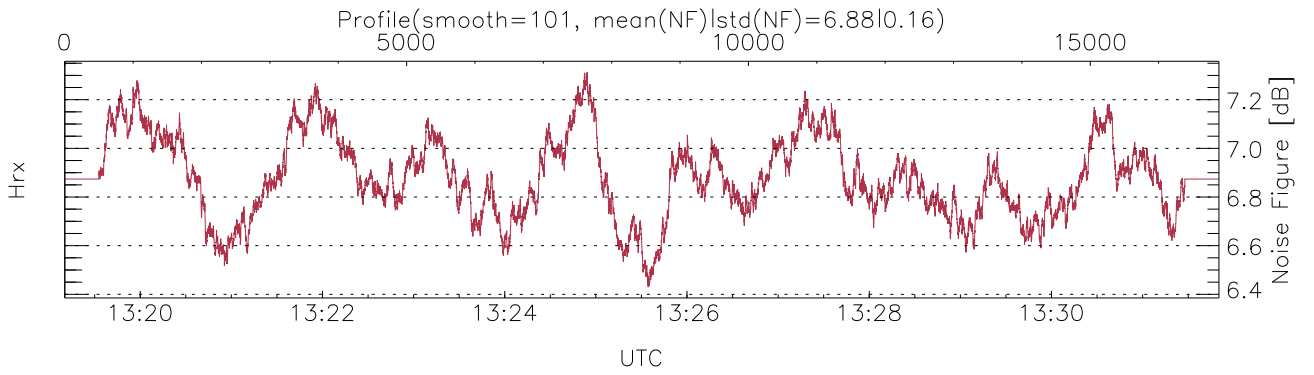
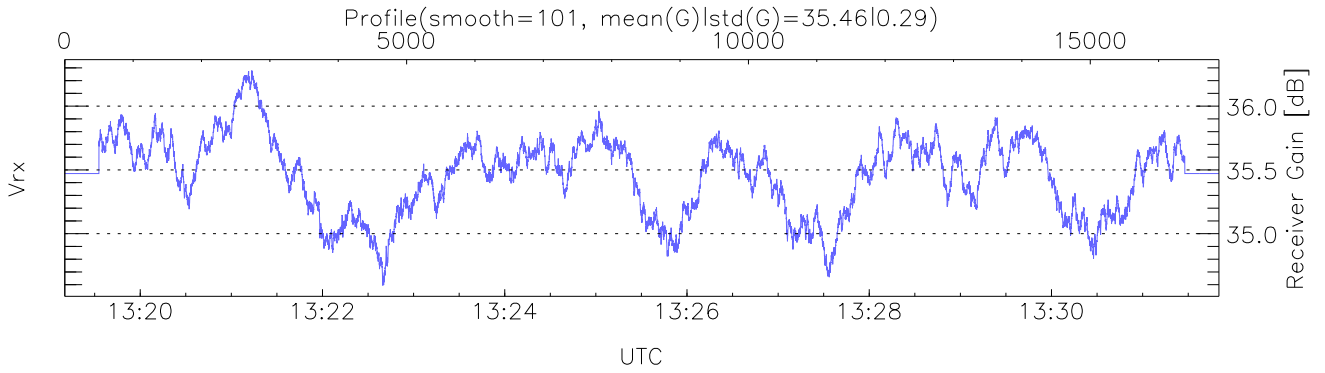
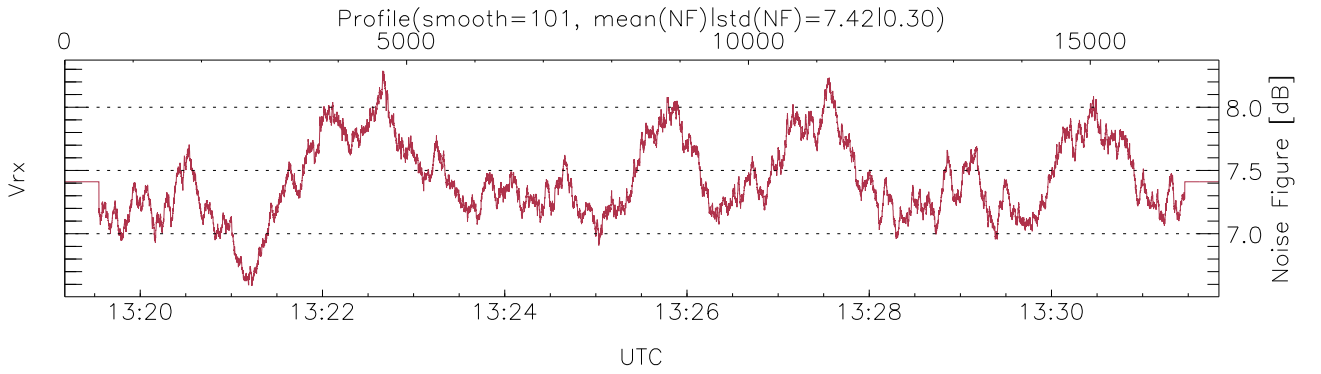
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 13:19:10-13:31:50, TimeCor: 0.00s, Dur: 759.92s
 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): 16884/16884, 0-16883/13:19:10-13:31:50
 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



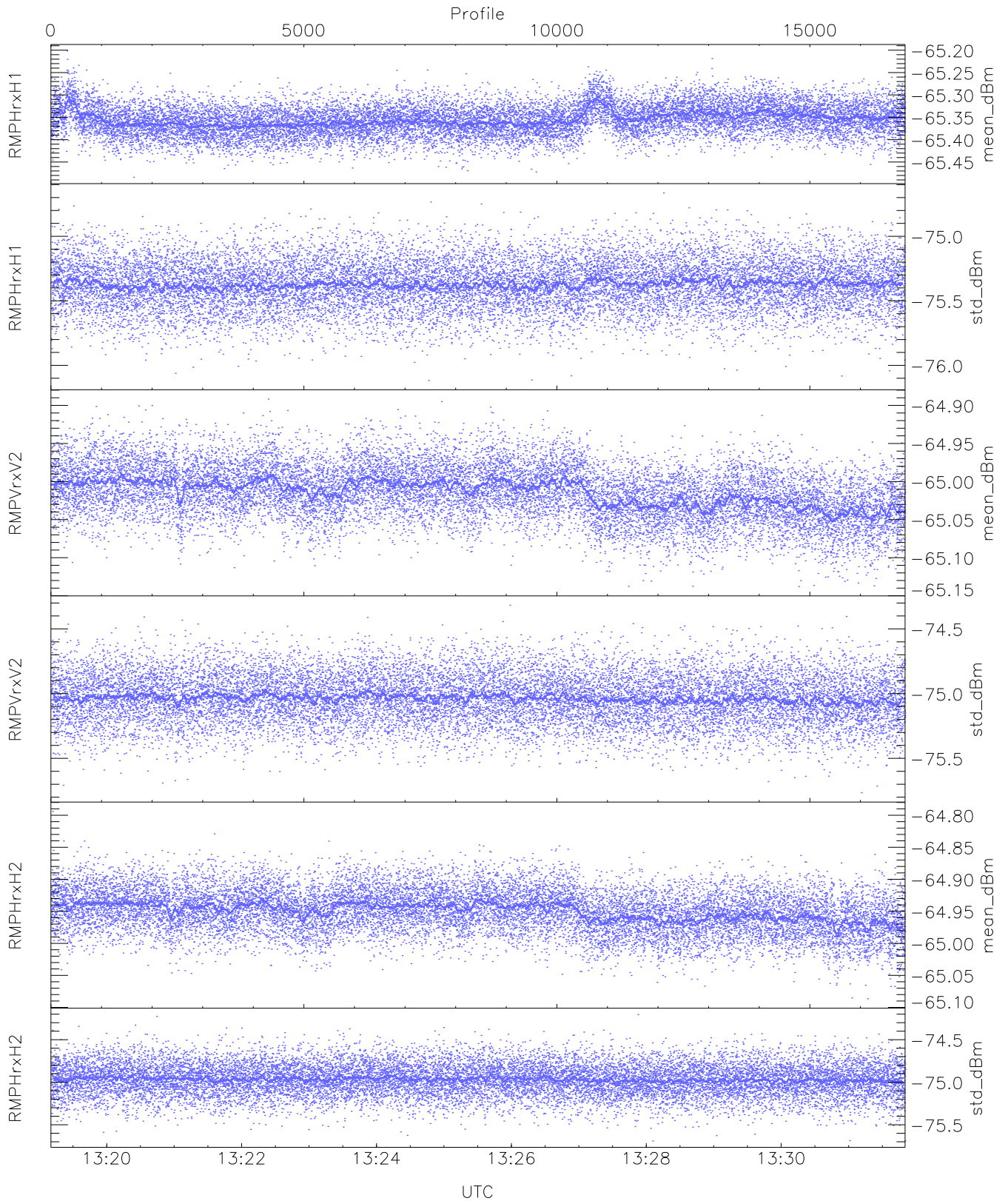
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,23,26,25,27`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,24,27,27,27`
`LOalarm(20,240,2817,14861 MHz): 0,0,22,0`
`EIK/Modulator Faults: None`



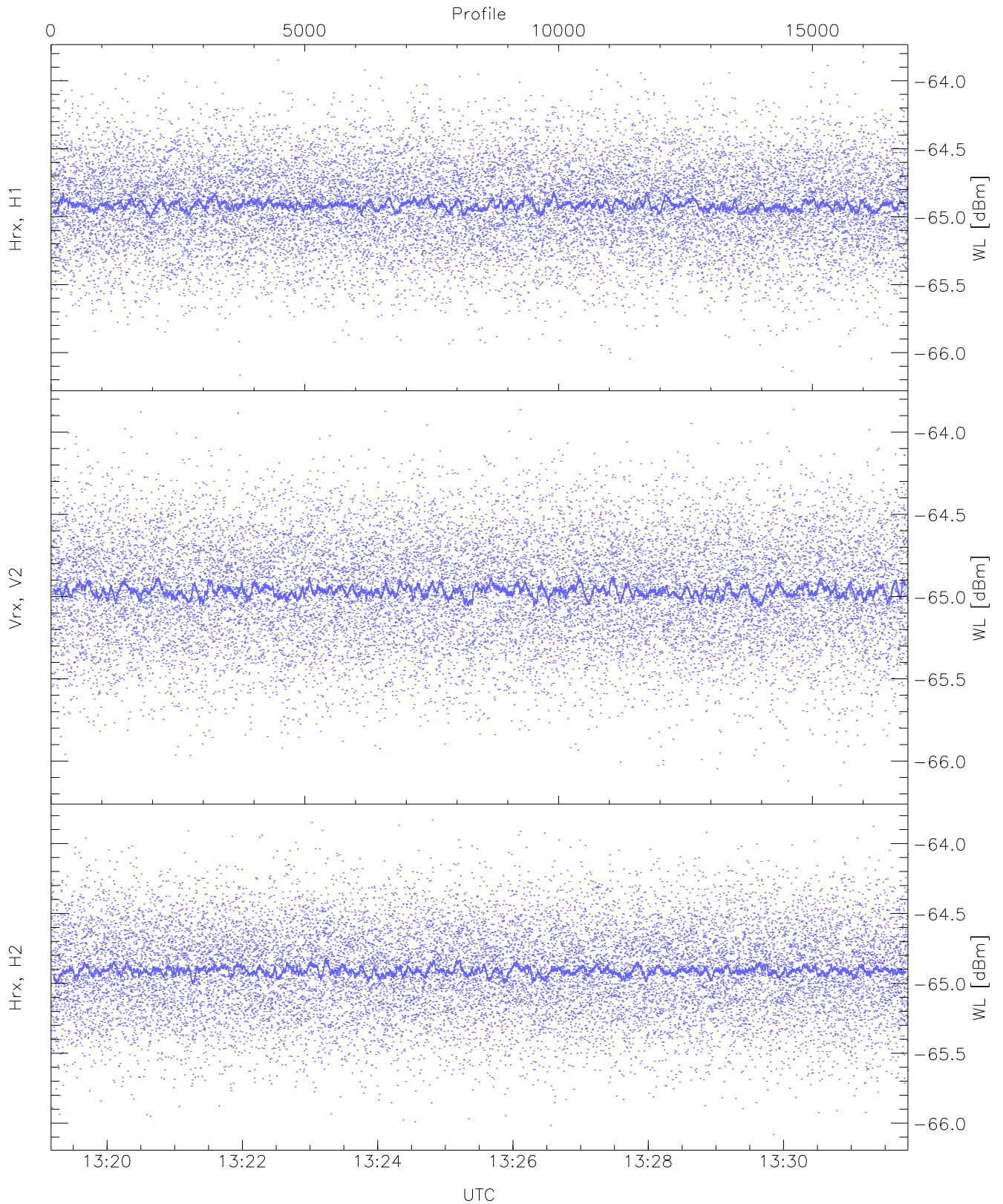
WCR3 CPP Receivers Gain and Noise Figure

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



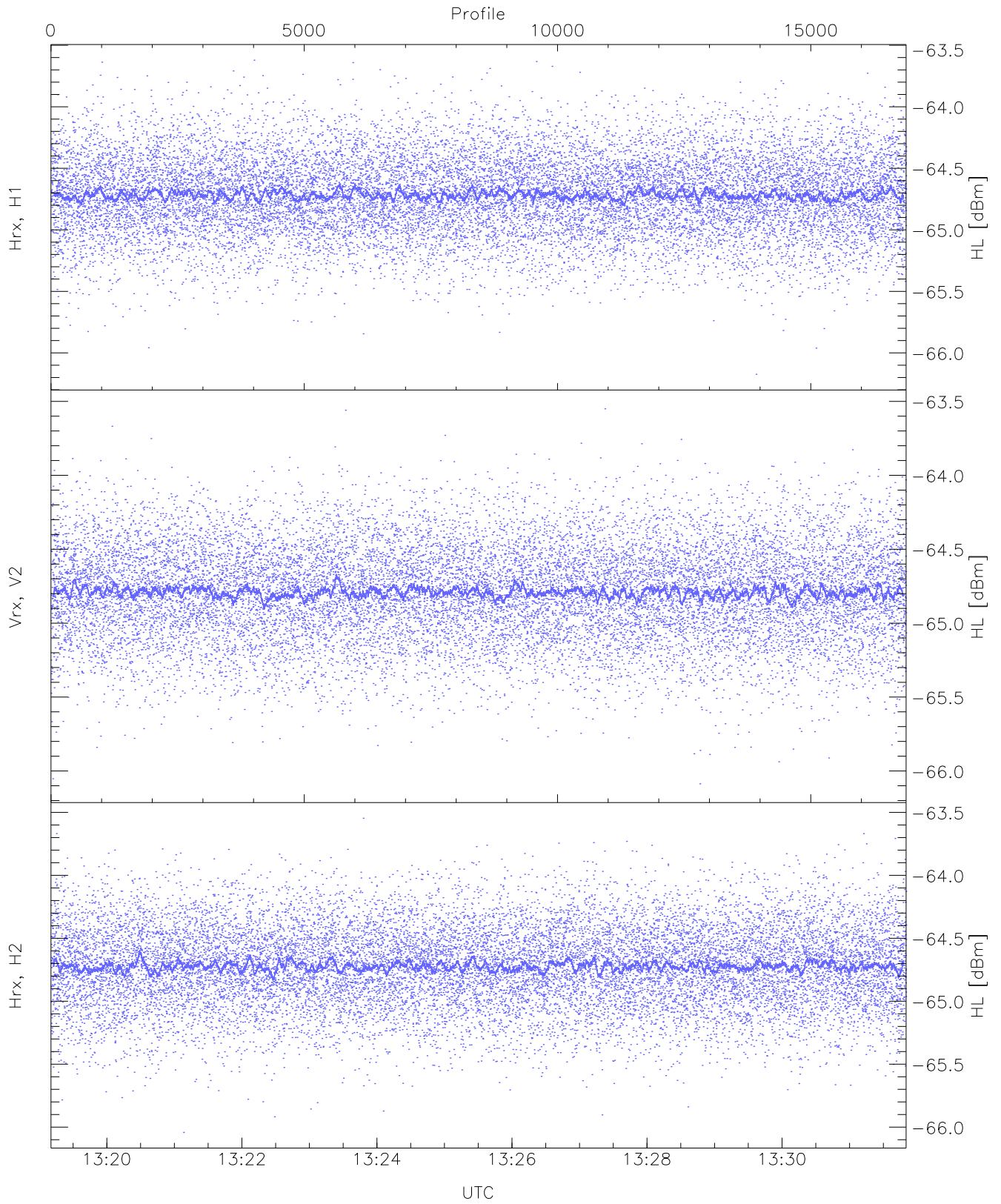
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.48	-65.20	-65.36	-65.36	-86.55
RMPHrxH1(std_dBm)	-76.12	-74.66	-75.37	-75.37	-89.16
RMPVrxV2(mean_dBm)	-65.14	-64.89	-65.01	-65.01	-86.08
RMPVrxV2(std_dBm)	-75.77	-74.32	-75.03	-75.04	-88.81
RMPHrxH2(mean_dBm)	-65.09	-64.79	-64.95	-64.95	-86.24
RMPHrxH2(std_dBm)	-75.69	-74.20	-74.97	-74.97	-88.79



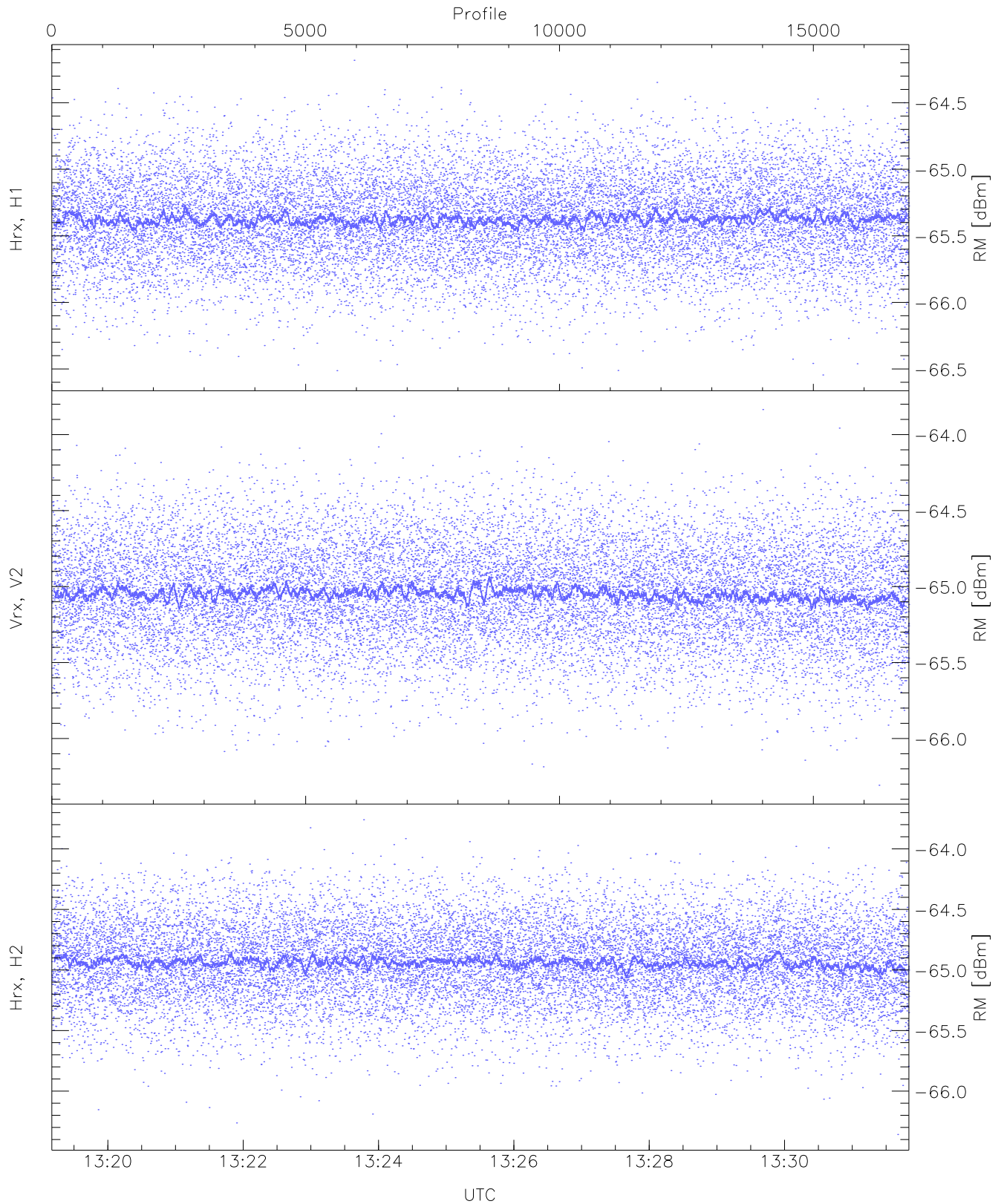
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.16	-63.85	-64.91	-64.91	-76.43
Vrx, V2 (WL [dBm])	-66.15	-63.86	-64.96	-64.97	-76.46
Hrx, H2 (WL [dBm])	-66.08	-63.83	-64.90	-64.91	-76.38



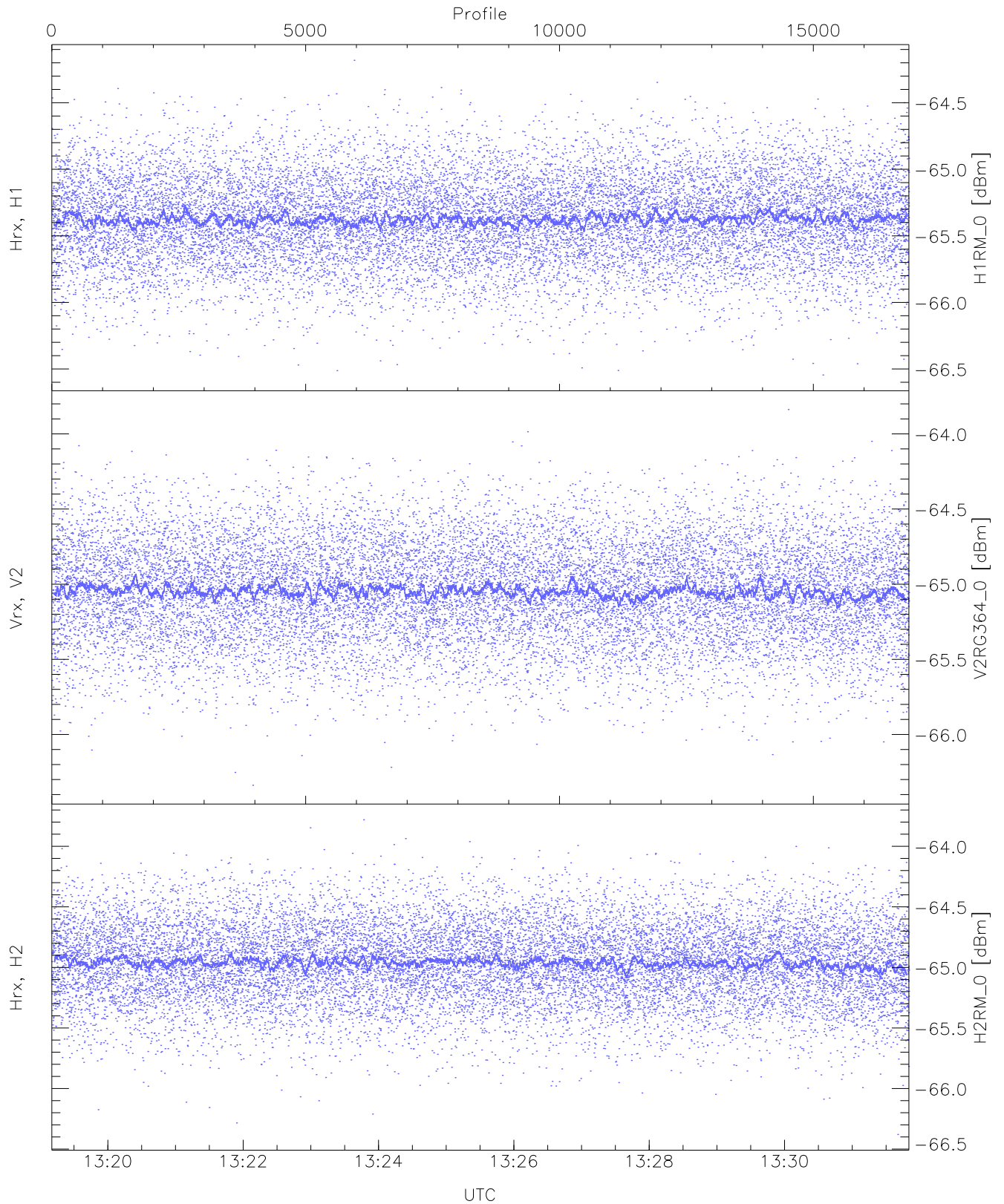
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-66.17	-63.62	-64.71	-64.72	-76.20
Vrx, V2 (HL [dBm])	-66.09	-63.55	-64.78	-64.79	-76.31
Hrx, H2 (HL [dBm])	-66.04	-63.55	-64.71	-64.72	-76.19



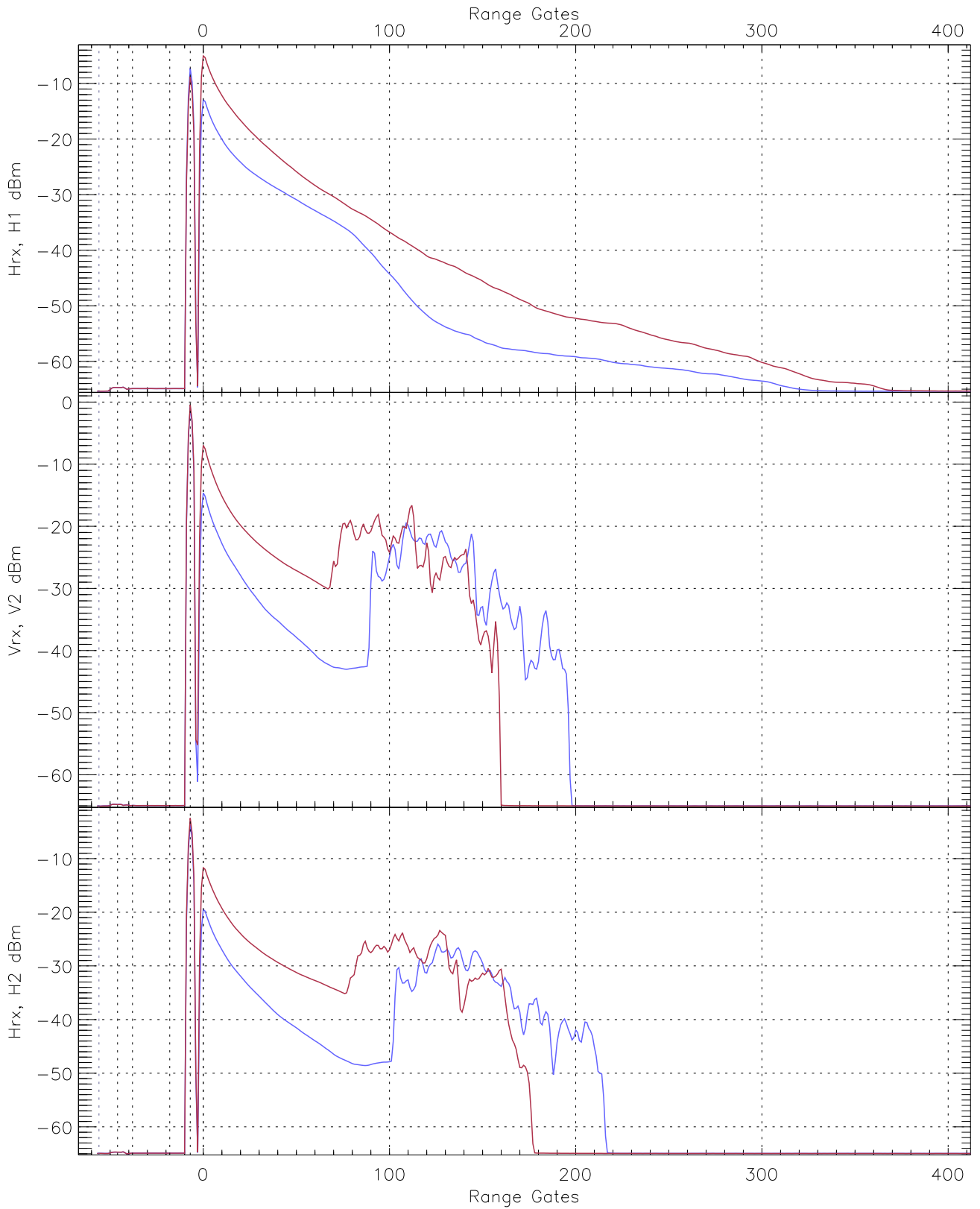
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.55	-64.18	-65.37	-65.37	-76.88
Vrx, V2 (RM [dBm])	-66.31	-63.83	-65.04	-65.05	-76.52
Hrx, H2 (RM [dBm])	-66.36	-63.76	-64.93	-64.94	-76.43

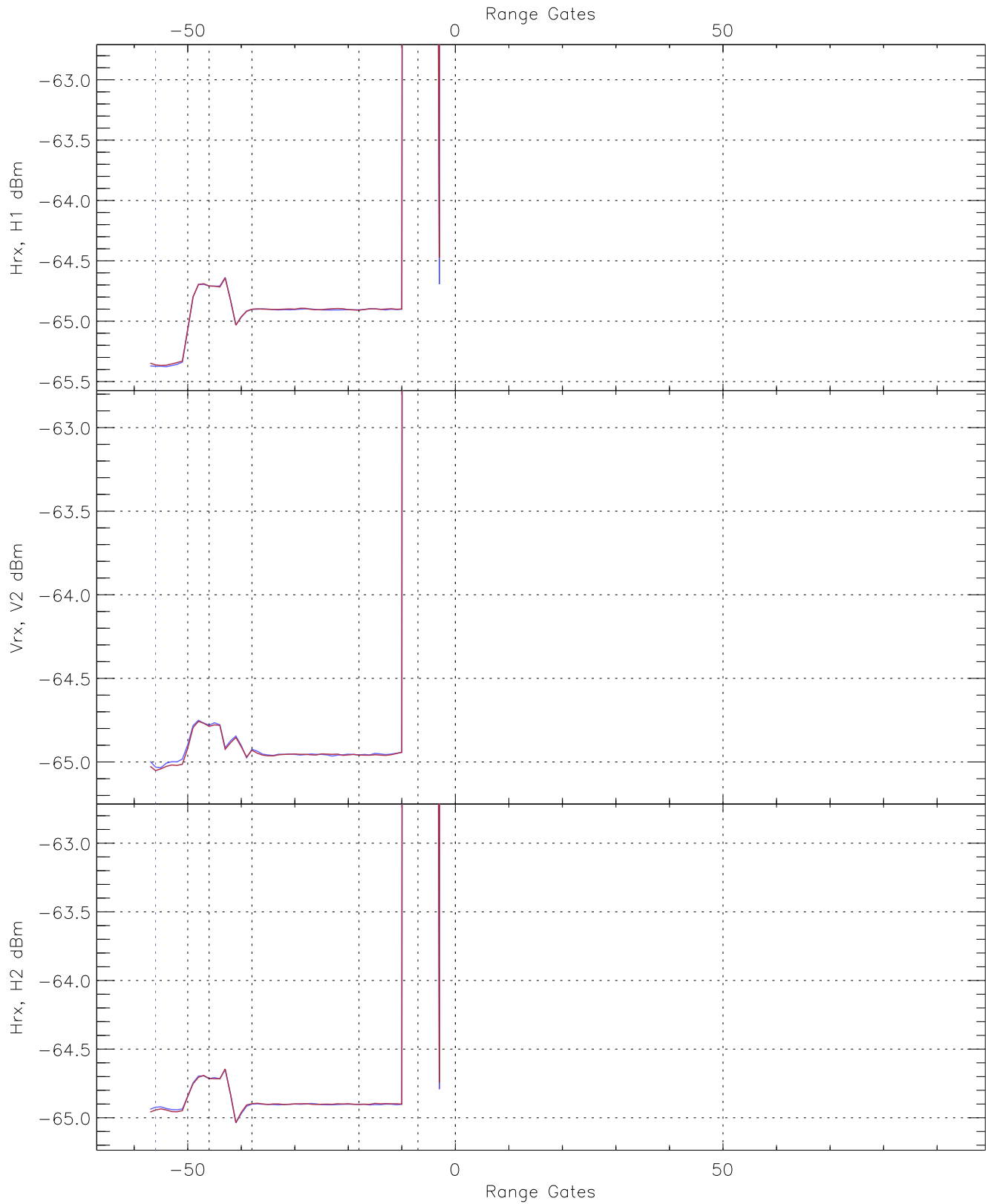


WCR3 CPP "Best" estimate Receivers Noise Power

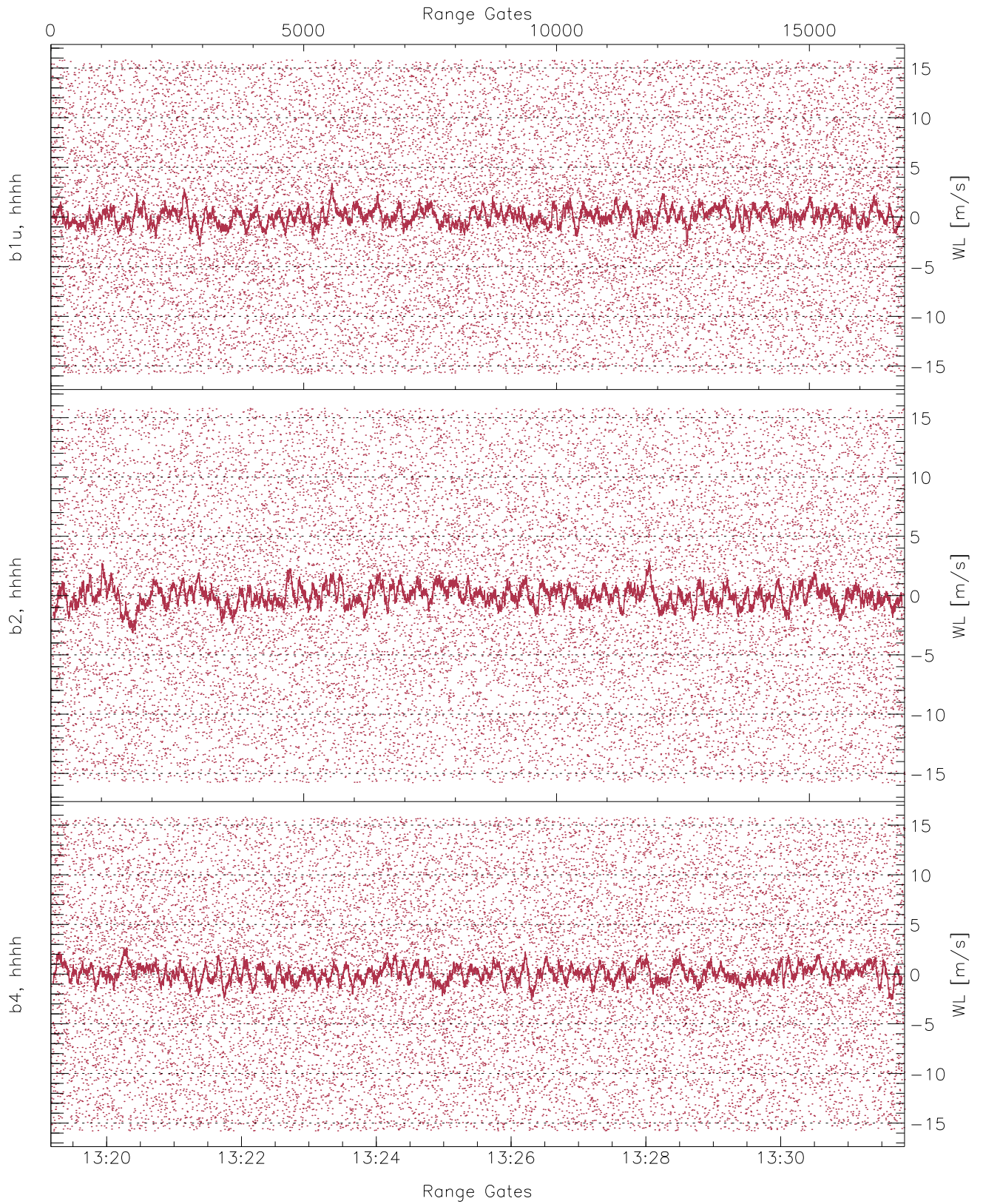
	Min	Max	Mean	Median	StDev
H1RM_0 [dBm]	-66.55	-64.18	-65.37	-65.37	-76.88
V2RG364_0 [dBm]	-66.34	-63.84	-65.04	-65.05	-76.52
H2RM_0 [dBm]	-66.38	-63.78	-64.95	-64.96	-76.45



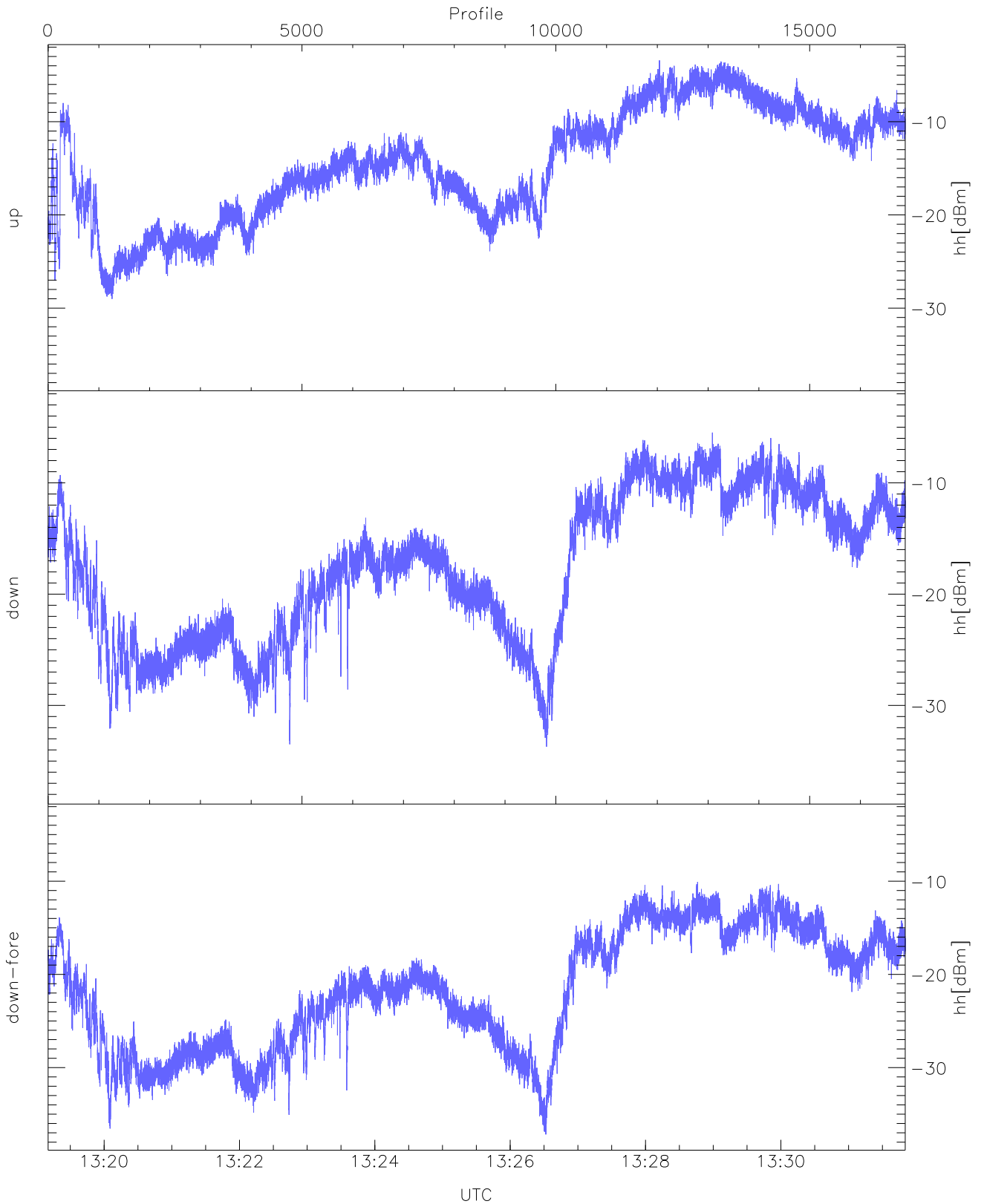
WCR3 CPP Averaged Received power for all recorded gates
blue: 131910-132530, 8443 profiles averaged
red: 132530-133150, 8442 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 131910-132530, 8443 profiles averaged
red: 132530-133150, 8442 profiles averaged

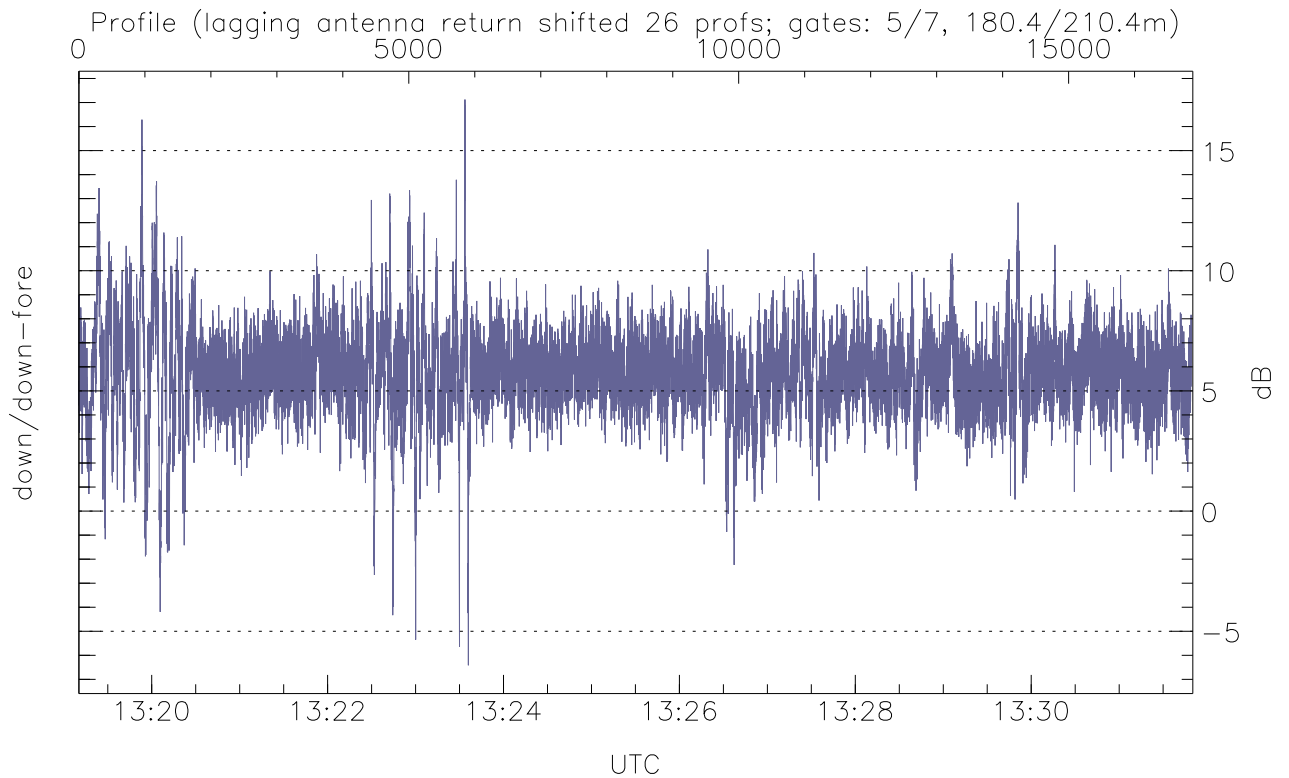
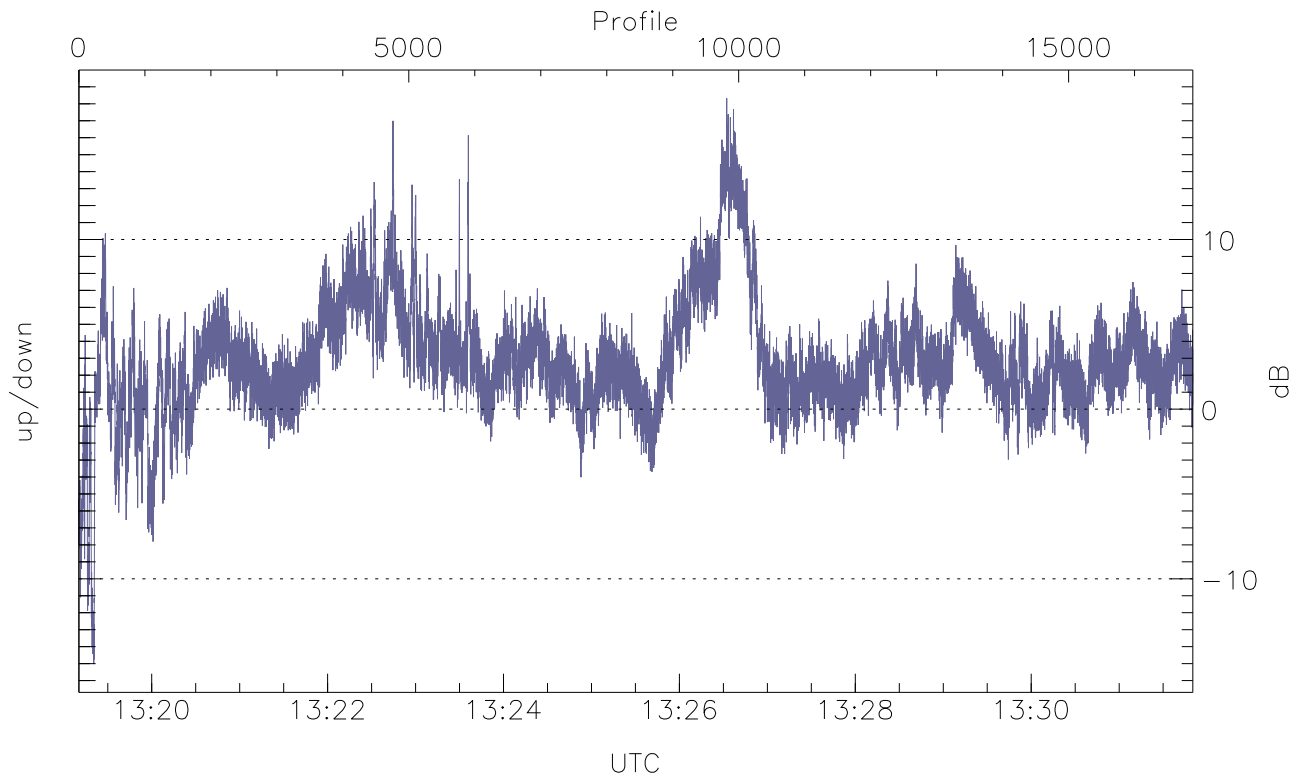


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



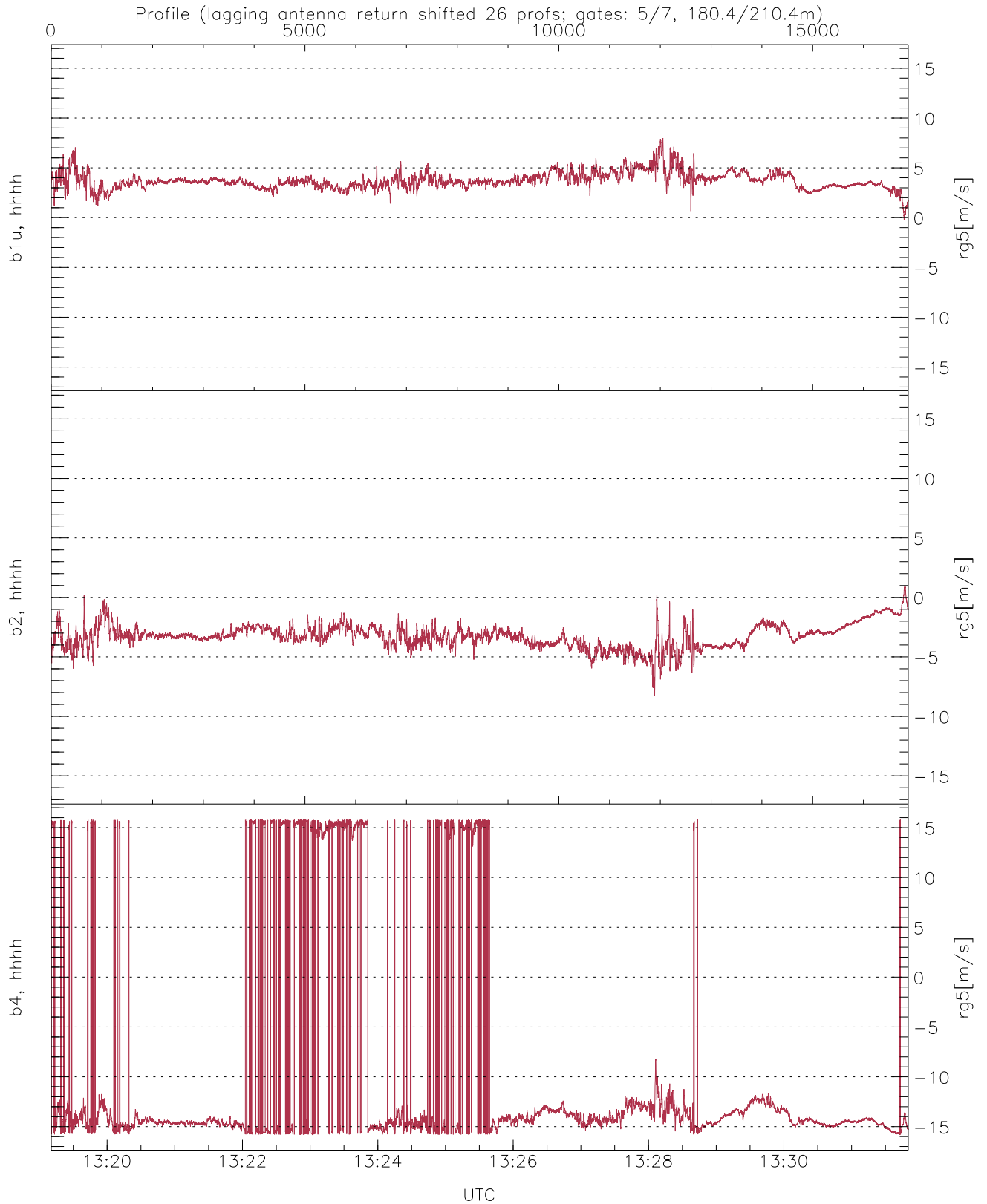
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-29.01	-3.41	-11.35
down(hh[dBm])	-33.72	-5.49	-13.86
down-fore(hh[dBm])	-37.18	-10.08	-18.12



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

	Min	Max	Mean
up/down (dB)	-15.03	18.32	2.94
down/down-fore (dB)	-6.41	17.12	5.77



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-0.18	7.98	3.70	0.82
b2, hhhh(rg5[m/s])	-8.29	0.99	-3.26	0.99
b4, hhhh(rg5[m/s])	-15.79	15.79	-9.66	10.80