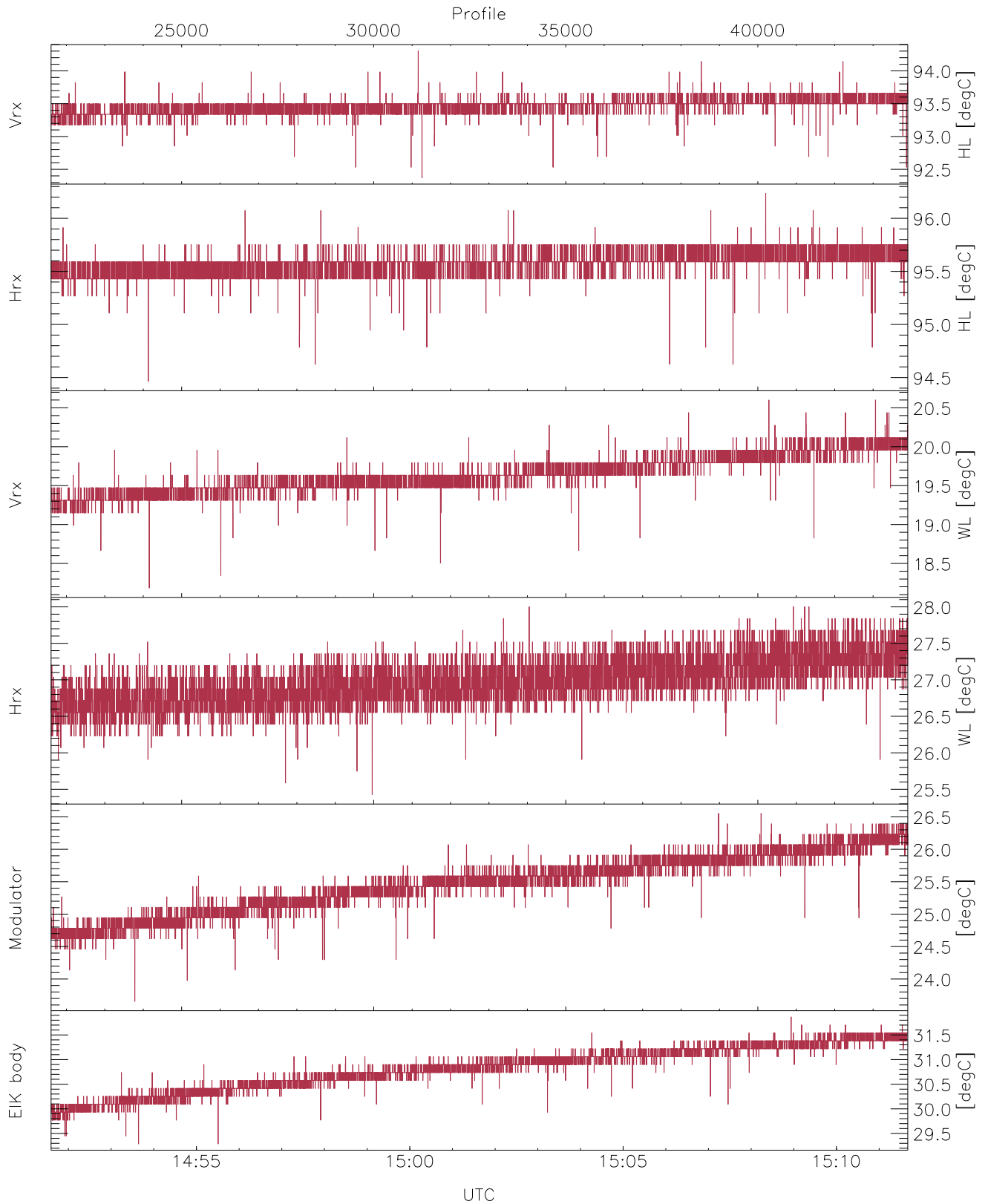


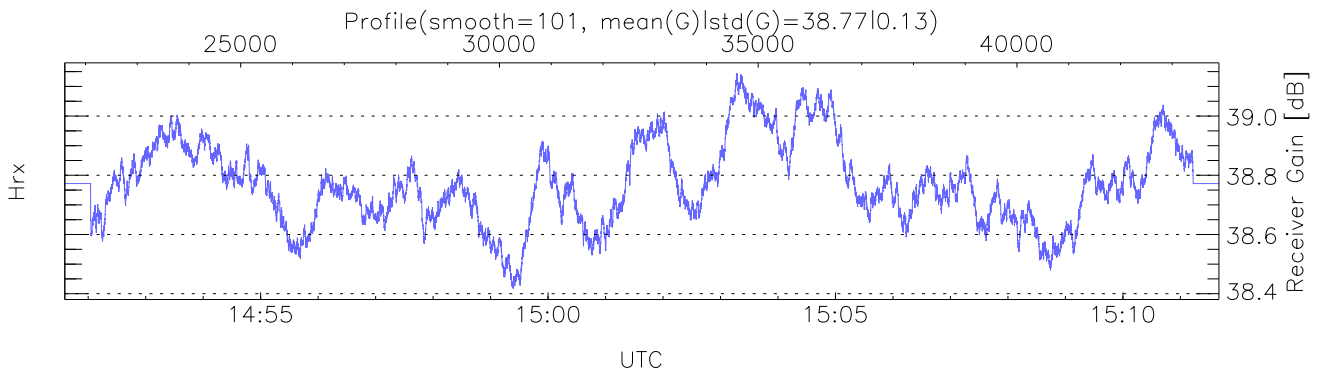
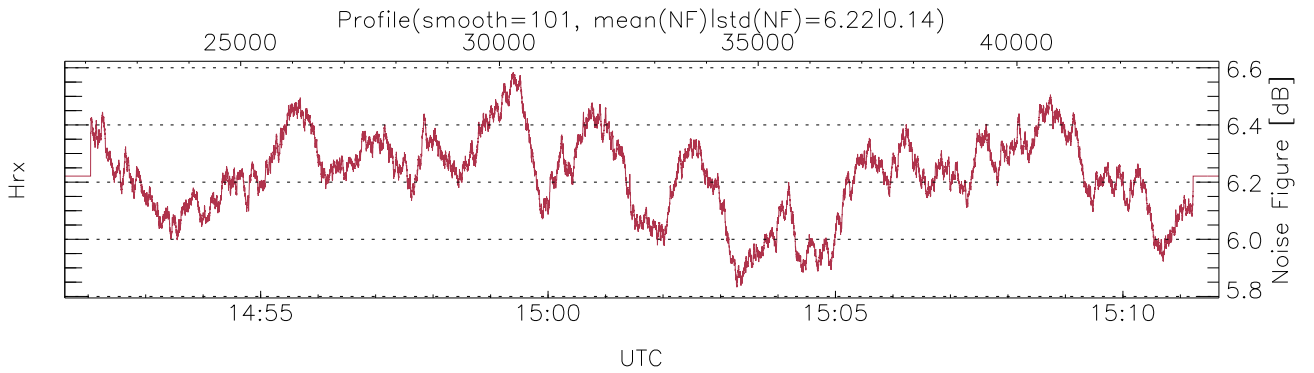
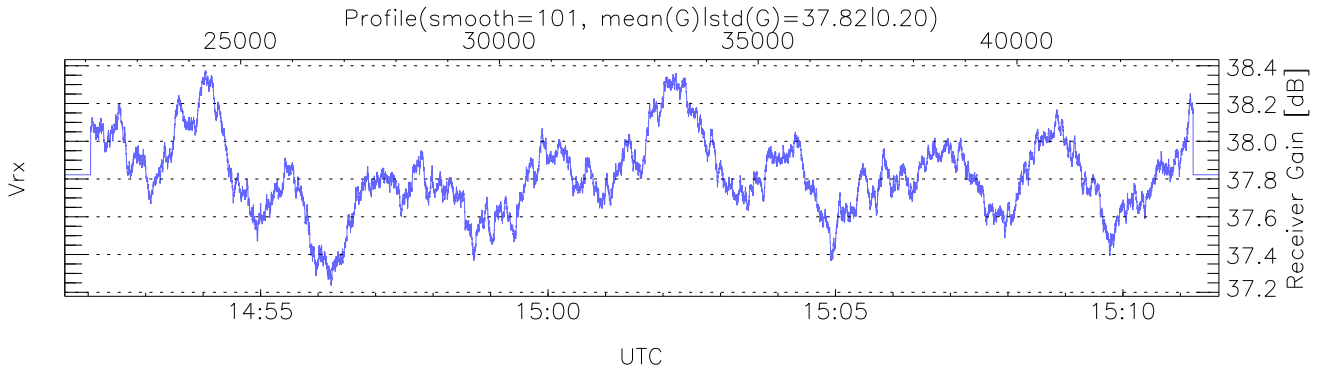
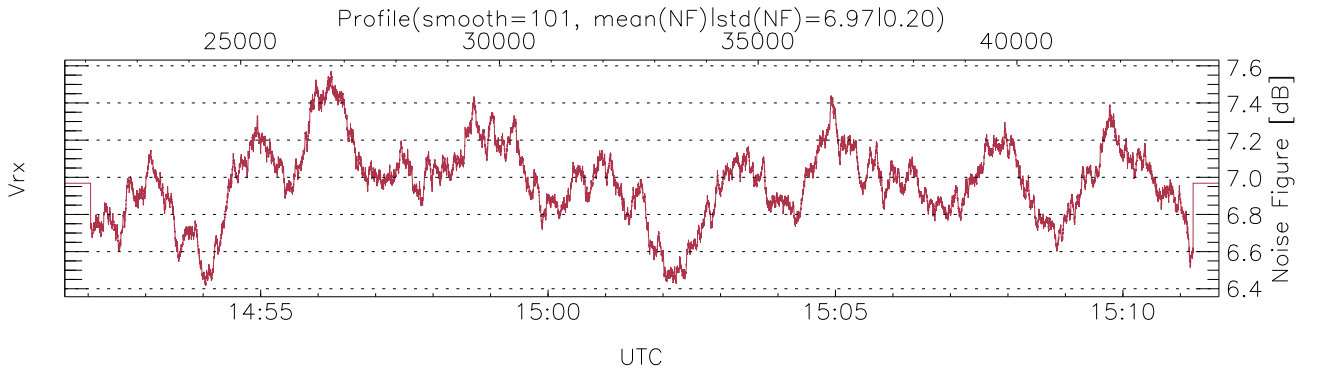
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 14:32:09-15:11:40, Dur: 2371.36s
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 54.0,54.0,54.0,0.0 ms / 19,19,19
 NumRec(r/t): 22304/43904, 21600-43903/14:51:36-15:11:40
 AcqTime: 54.0ms, Rate: 287KB/s, Averages: 180
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H2 H2 V2 V2
 PRF: 20.0 20.0 20.0 20.0 20.0 KHz, IGS: 50us
 Range(min,max,rqs): 105,6037,15.0 m, Gates: 396, Aspect: 3.1
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



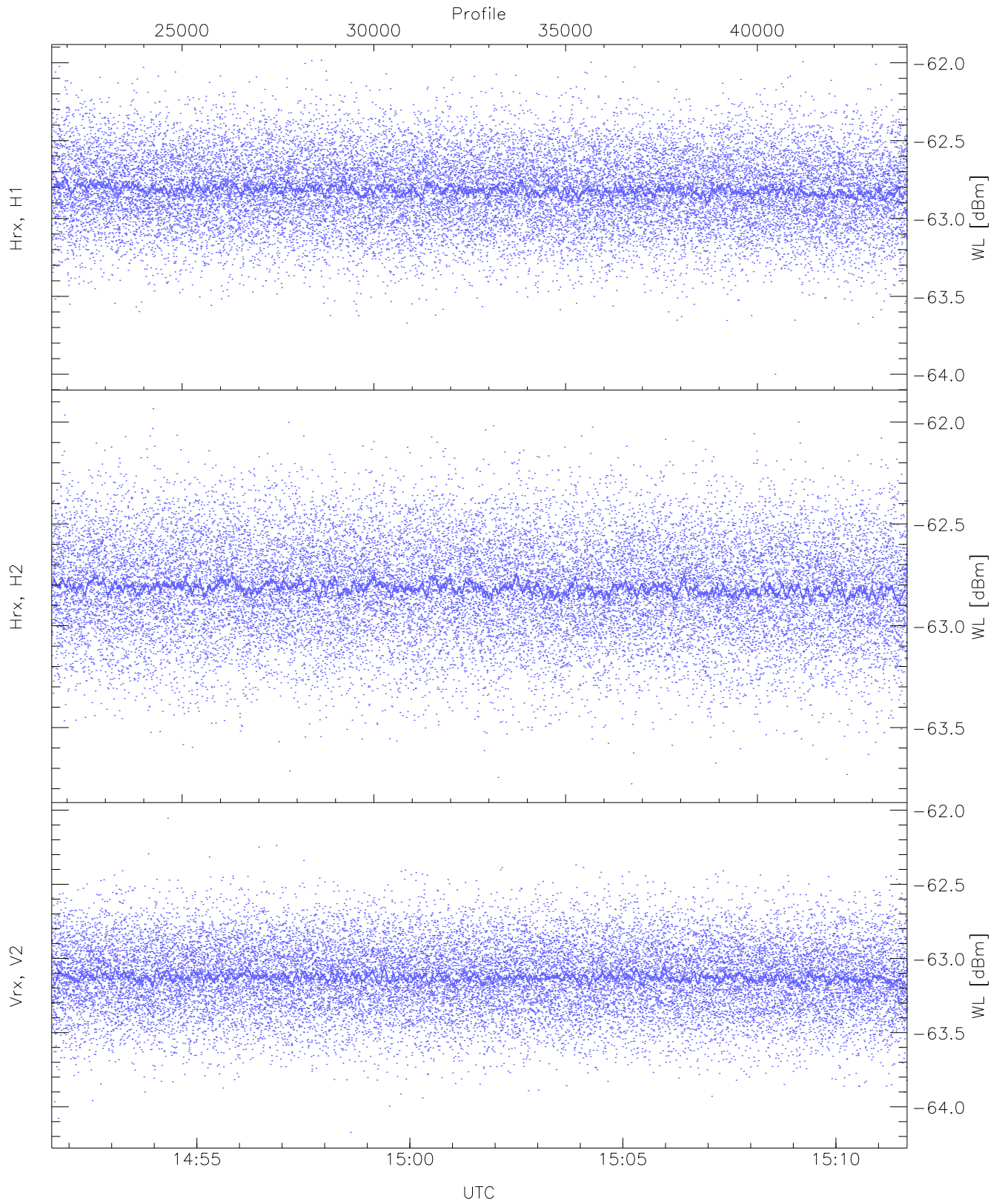
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,94,18,25,23,29
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,96,20,28,26,31
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
DeckT,ColIT,BodyCurr,DeckF,OverDuty,HVPS (14,9,14,14,14,10)



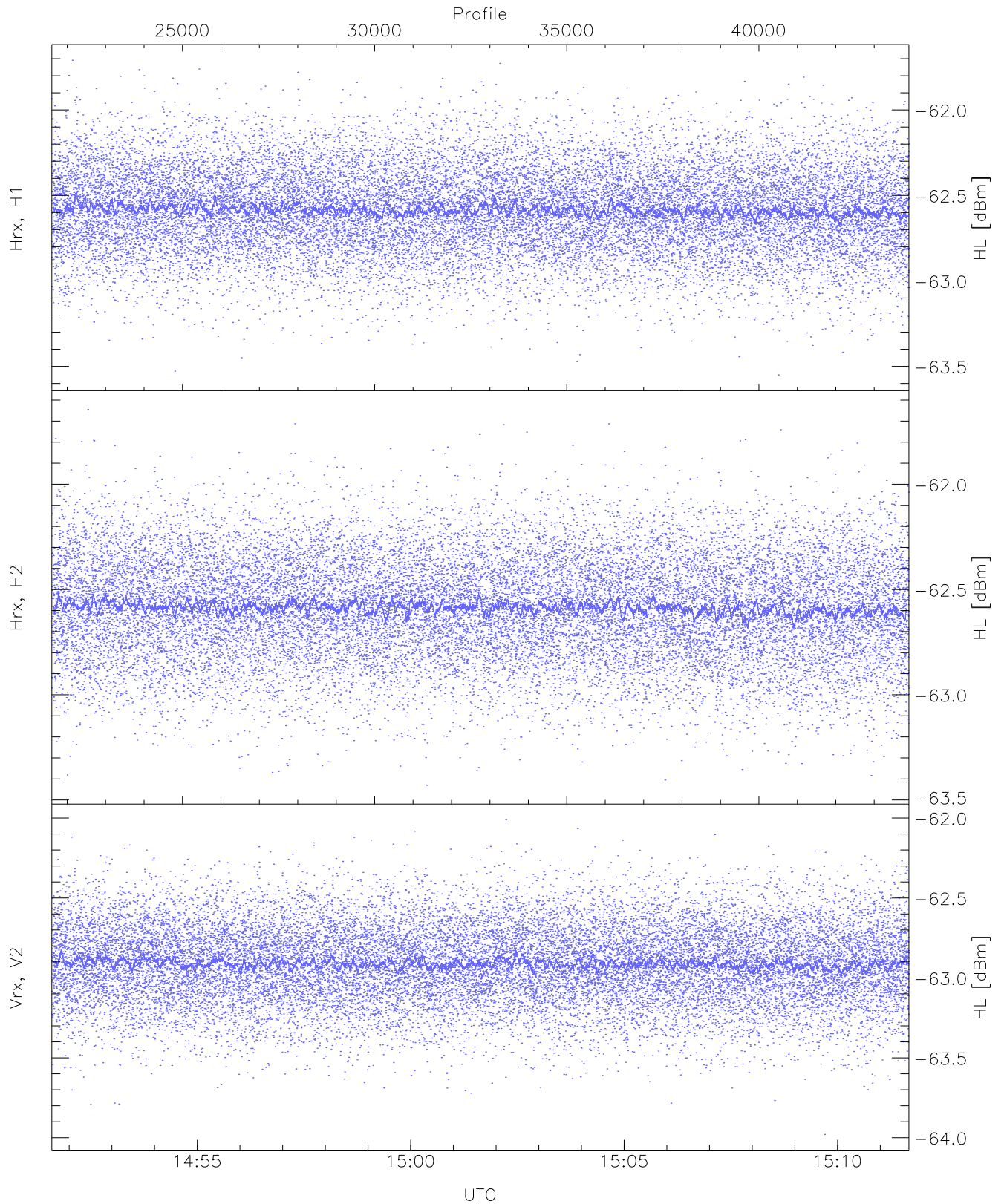
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 4552 pixs, 72 gates, 4321 profs, 2 prods



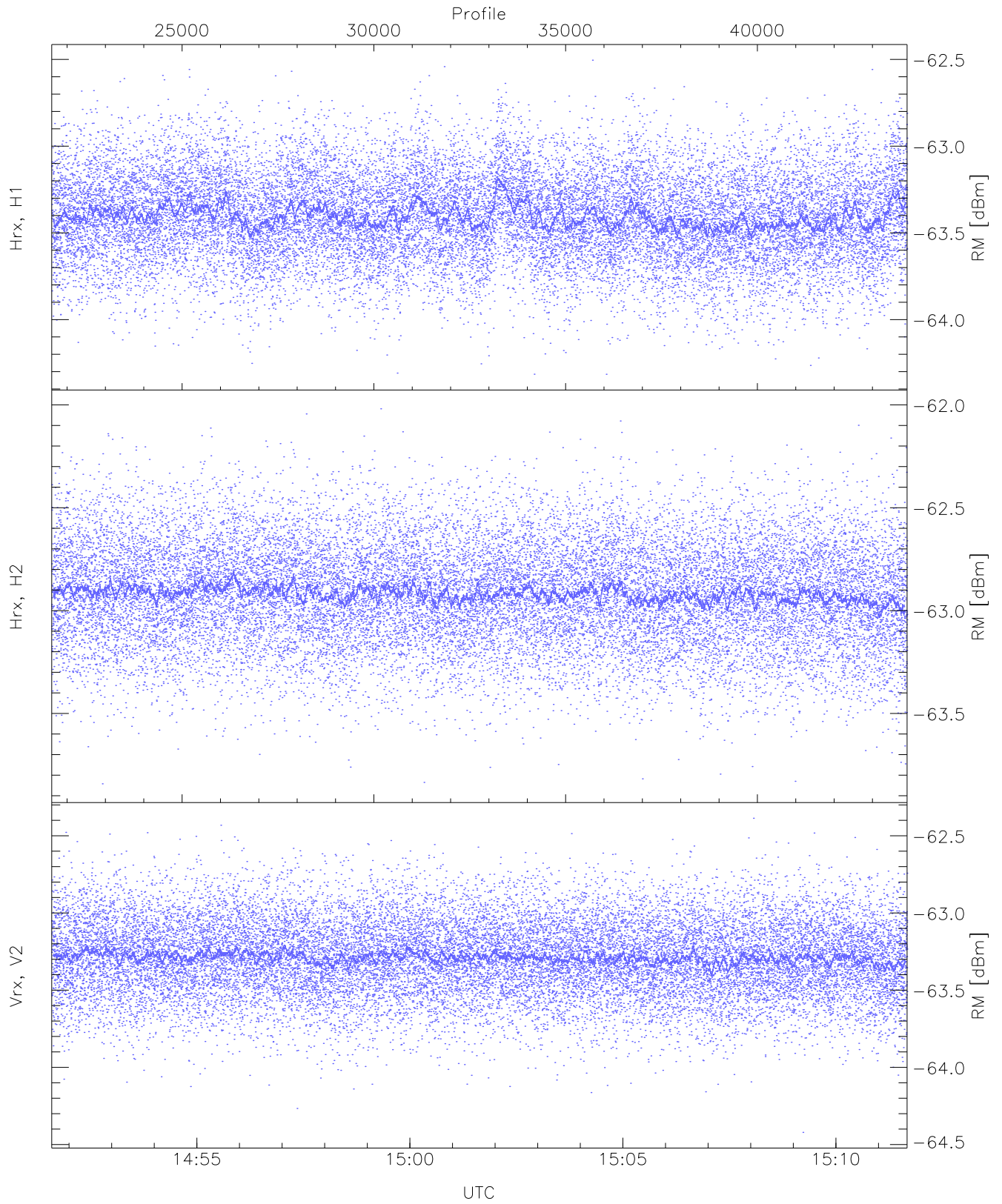
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-64.00	-61.98	-62.81	-62.82	-75.50
Hrx, H2(WL [dBm])	-63.78	-61.93	-62.81	-62.82	-75.50
Vrx, V2(WL [dBm])	-64.17	-62.05	-63.12	-63.13	-75.85



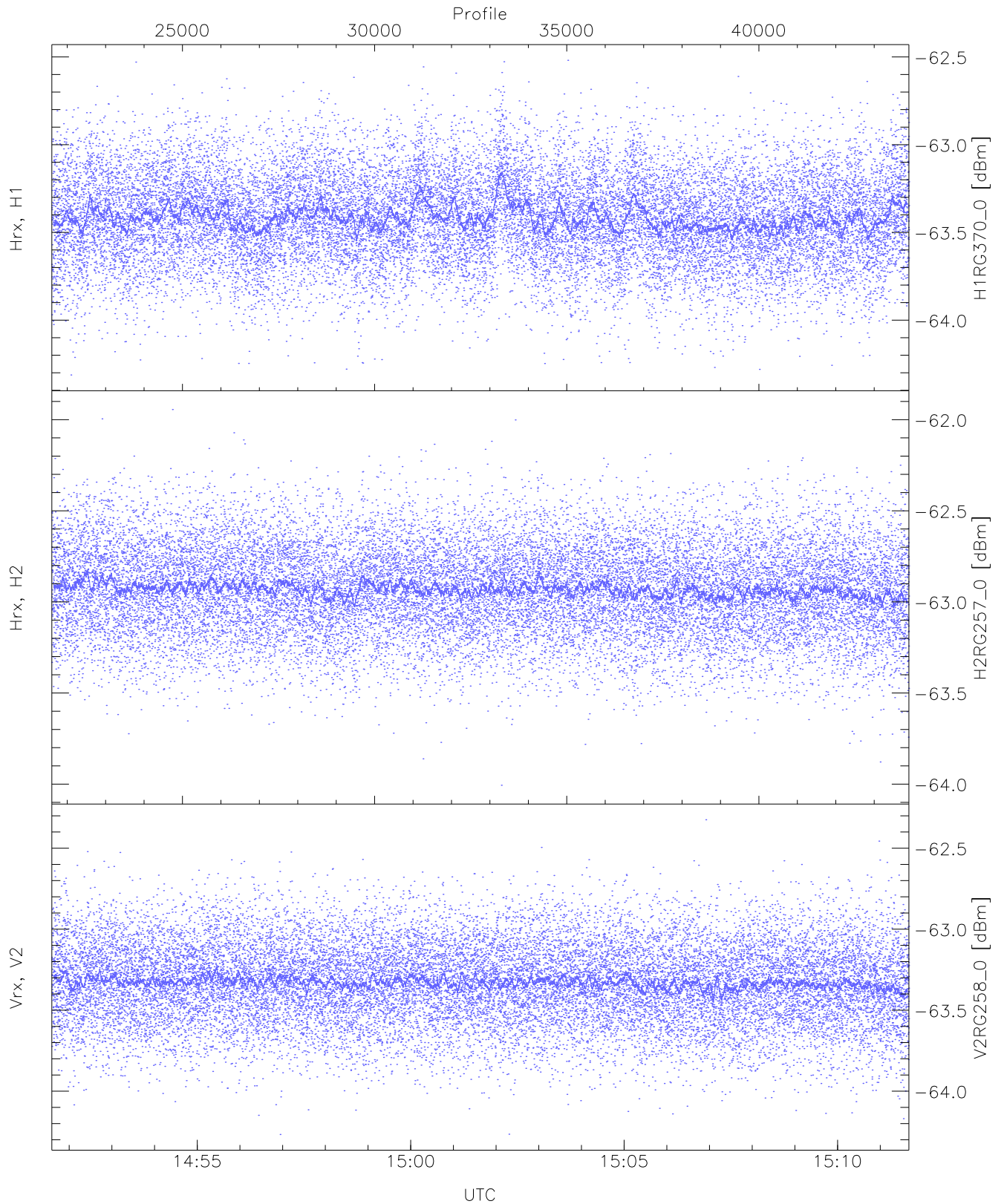
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-63.55	-61.71	-62.58	-62.59	-75.25
Hrx, H2(HL [dBm])	-63.43	-61.64	-62.58	-62.59	-75.32
Vrx, V2(HL [dBm])	-63.98	-62.01	-62.91	-62.91	-75.61



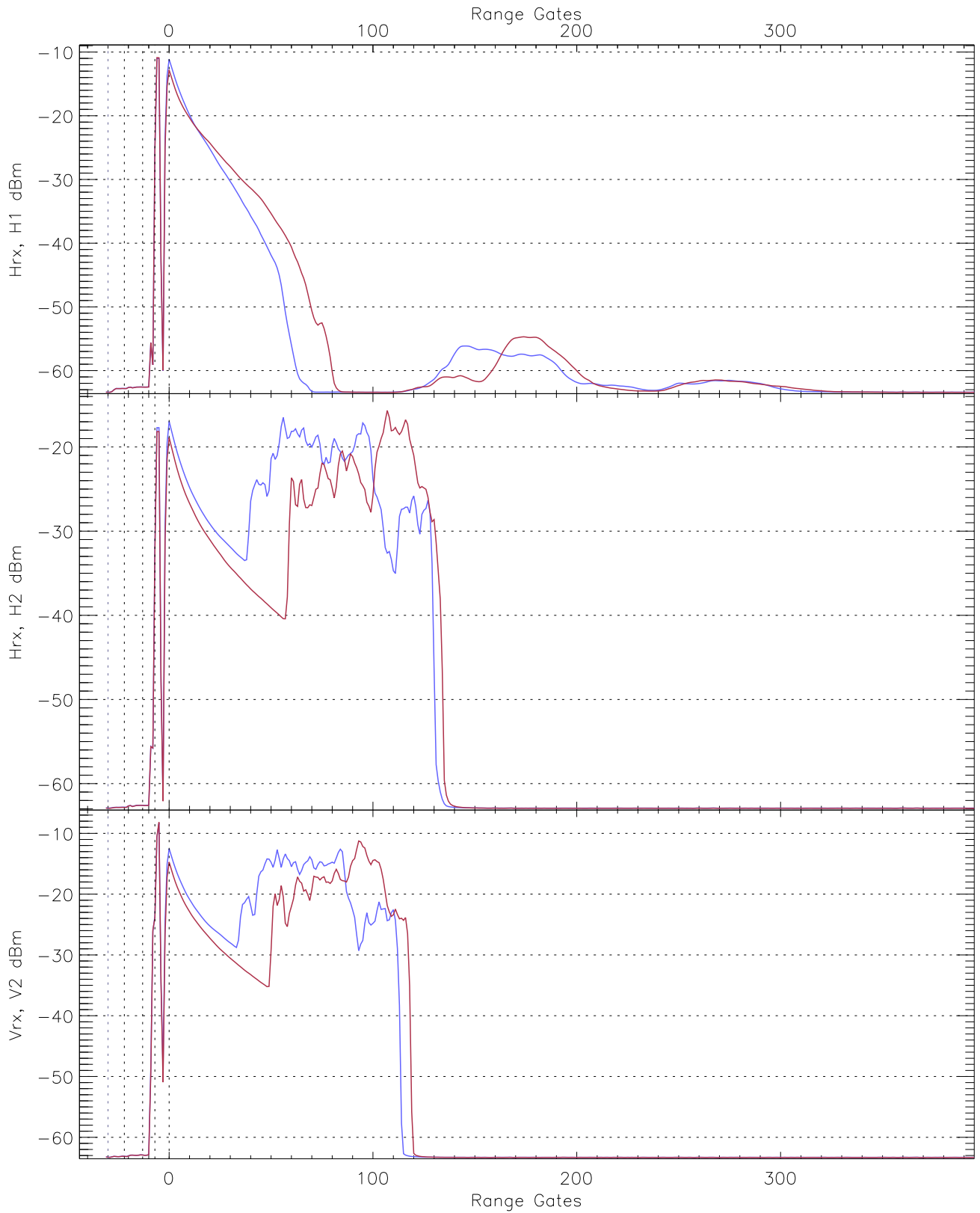
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-64.32	-62.50	-63.40	-63.41	-75.99
Hrx, H2 (RM [dBm])	-63.84	-62.02	-62.92	-62.92	-75.60
Vrx, V2 (RM [dBm])	-64.42	-62.39	-63.29	-63.29	-75.94

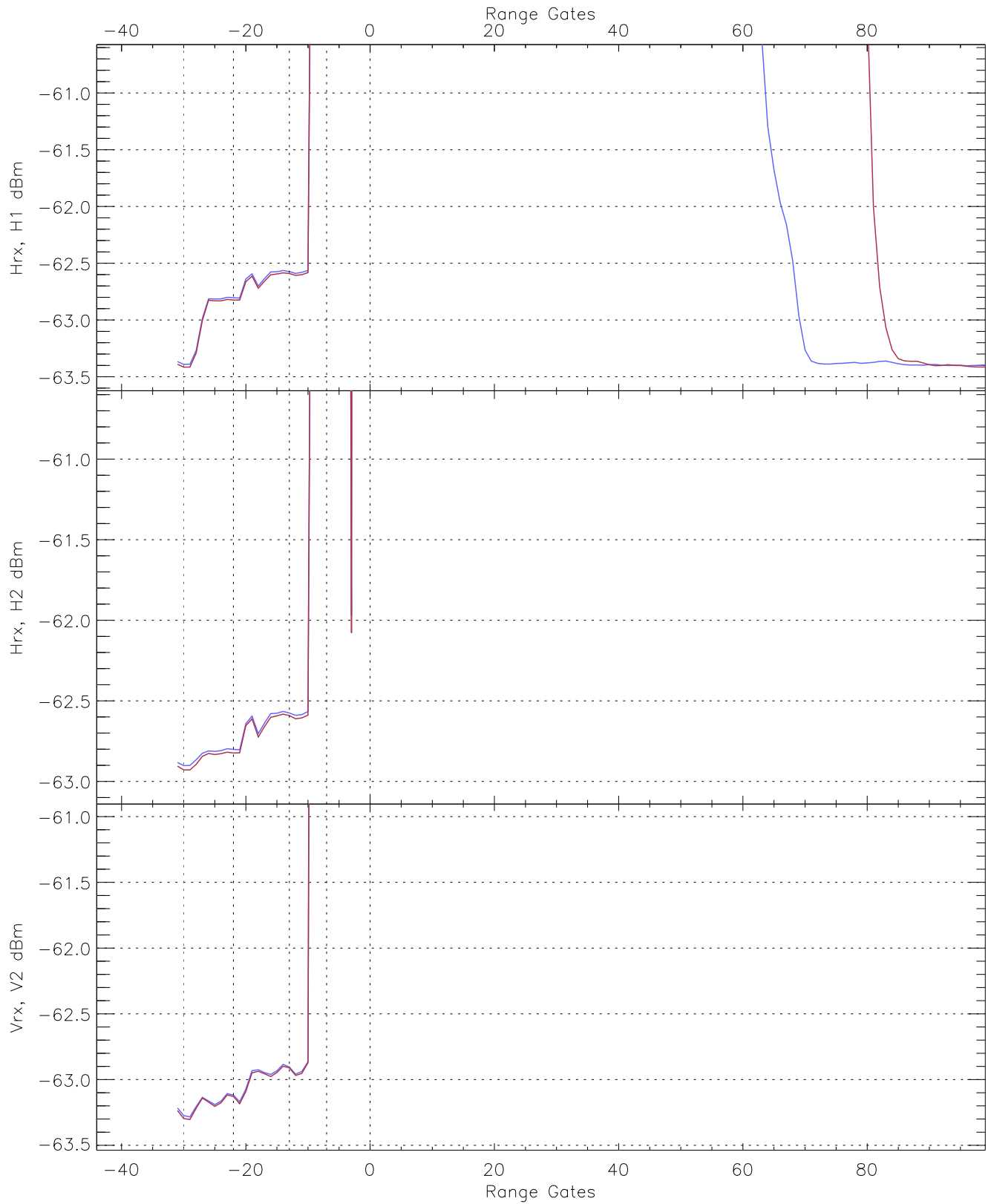


WCR2 CPP "Best" estimate Receivers Noise Power

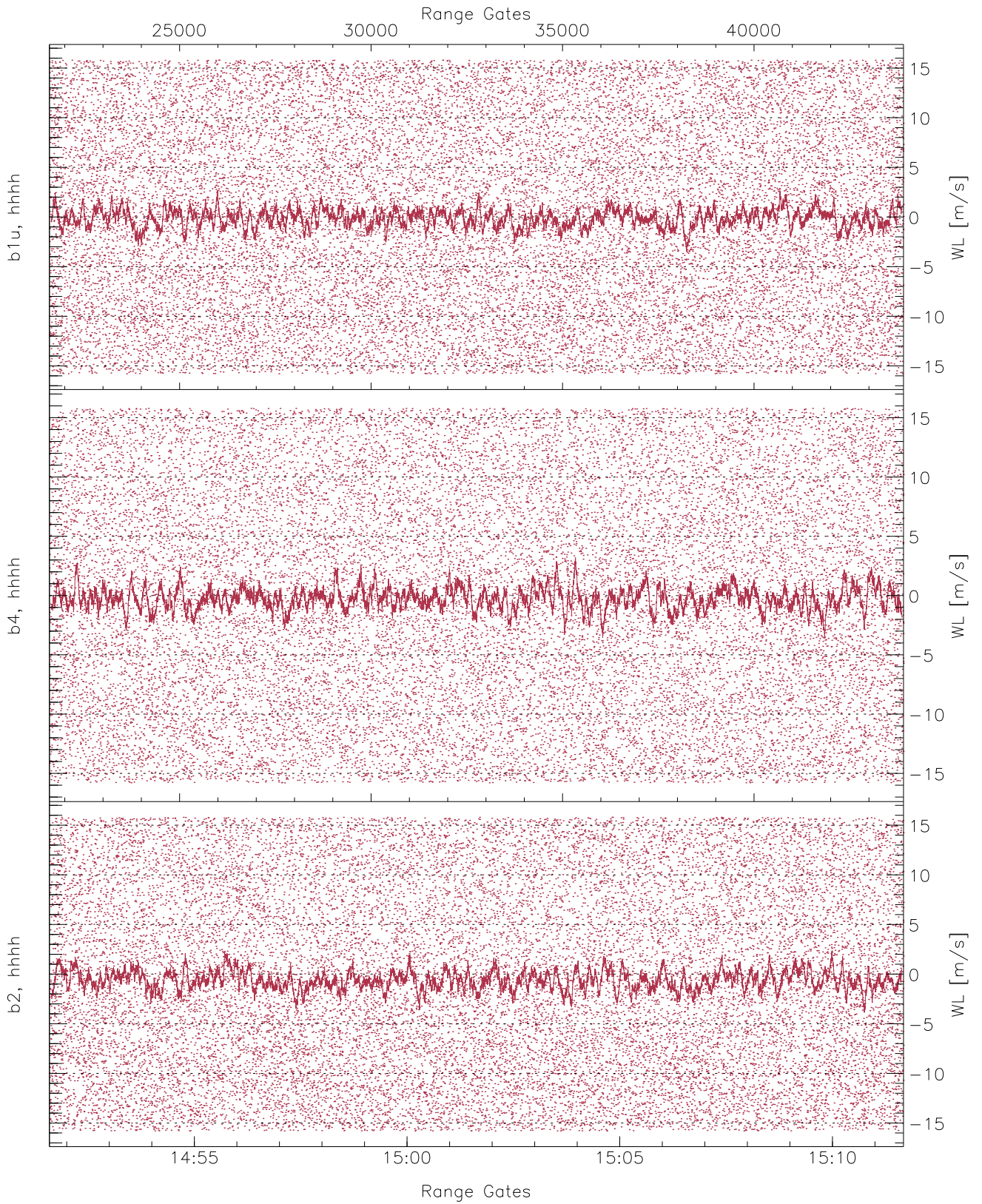
	Min	Max	Mean	Median	StDev
H1RG370_0 [dBm]	-64.31	-62.52	-63.41	-63.42	-75.98
H2RG257_0 [dBm]	-64.01	-61.94	-62.93	-62.93	-75.62
V2RG258_0 [dBm]	-64.27	-62.32	-63.33	-63.33	-75.98



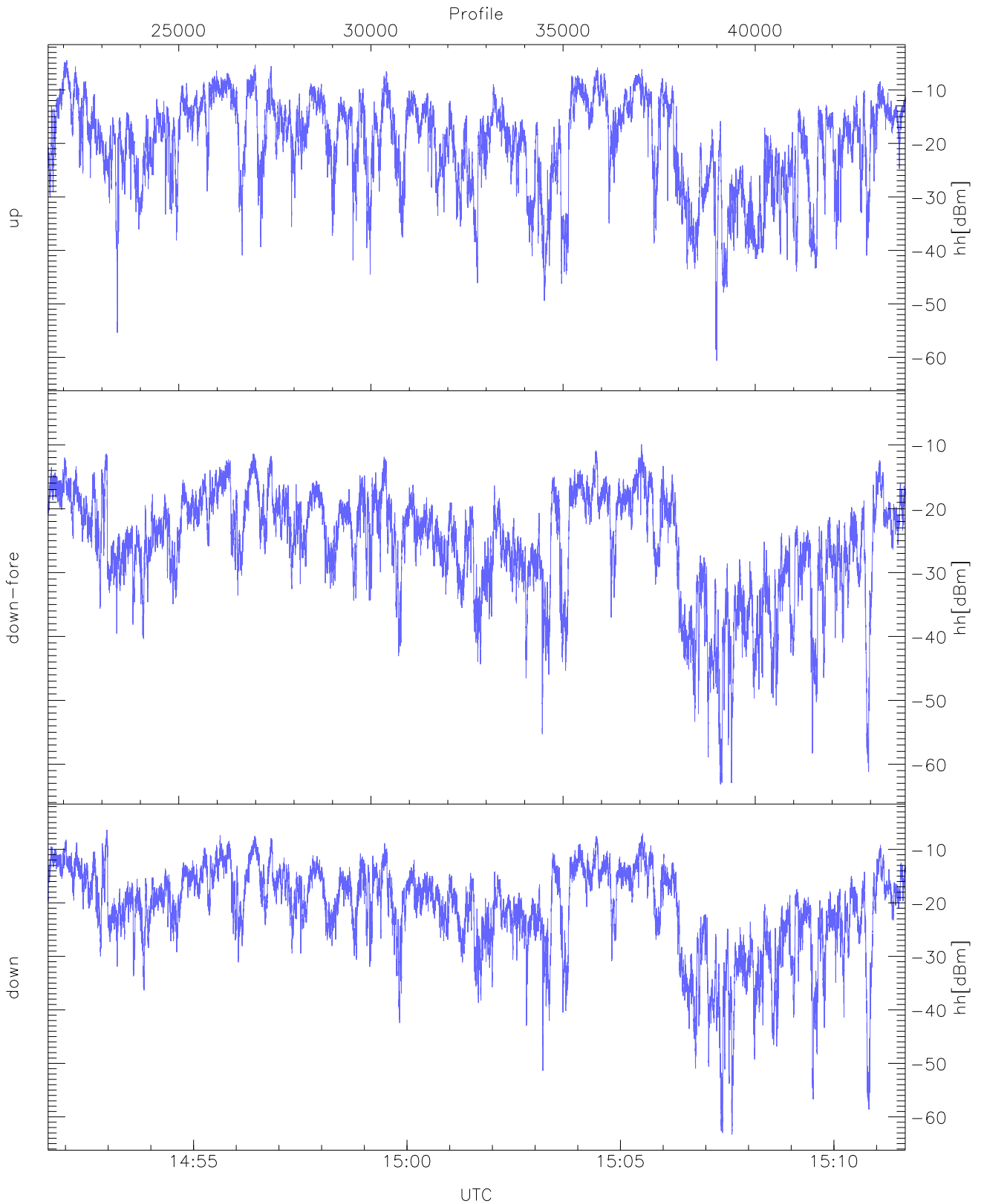
WCR2 CPP Averaged Received power for all recorded gates
blue: 145136-150138, 11153 profiles averaged
red: 150138-151140, 11152 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 145136-150138, 11153 profiles averaged
red: 150138-151140, 11152 profiles averaged

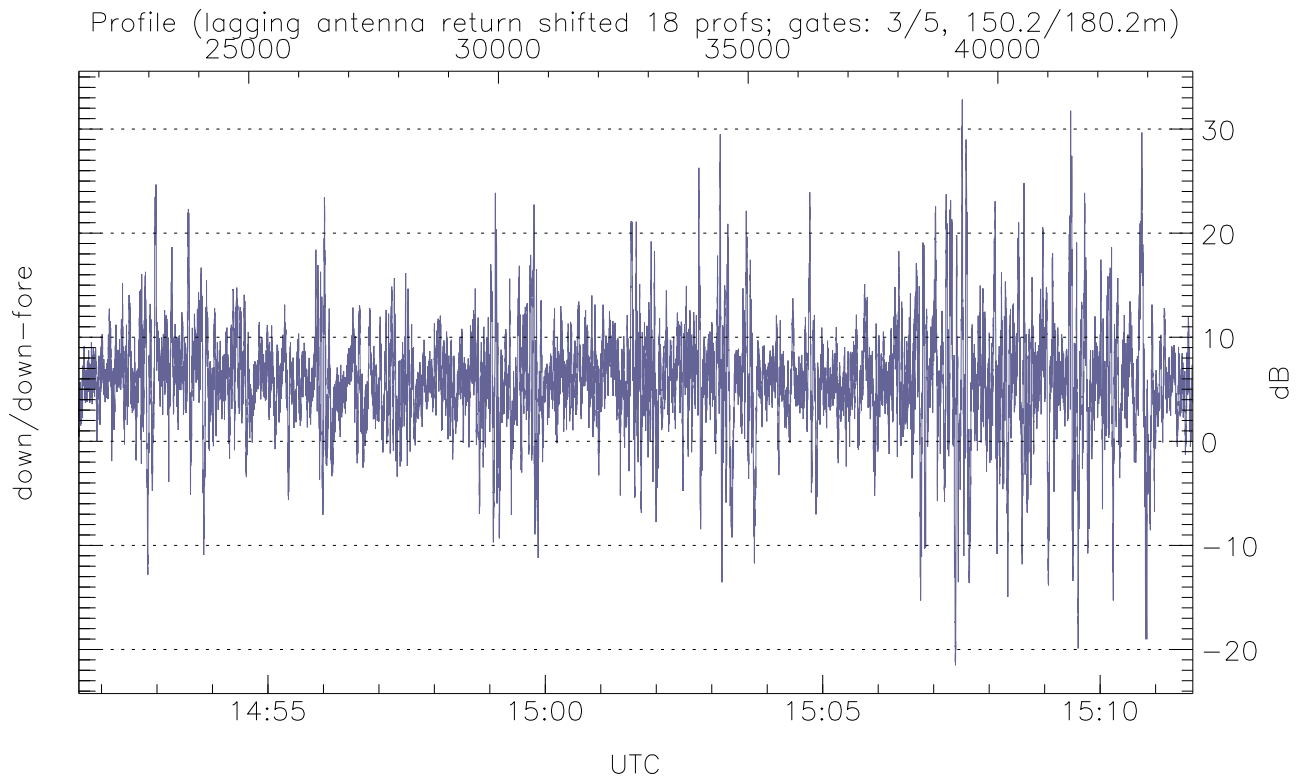
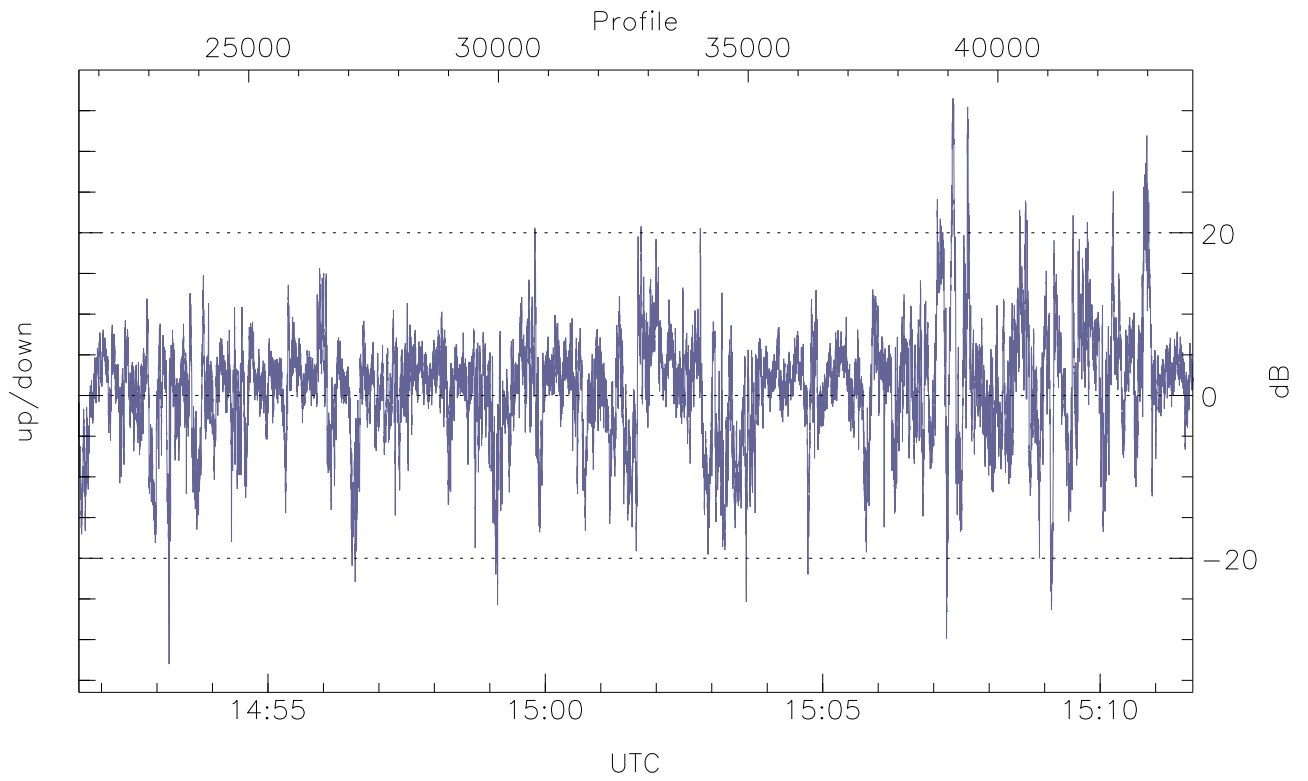


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



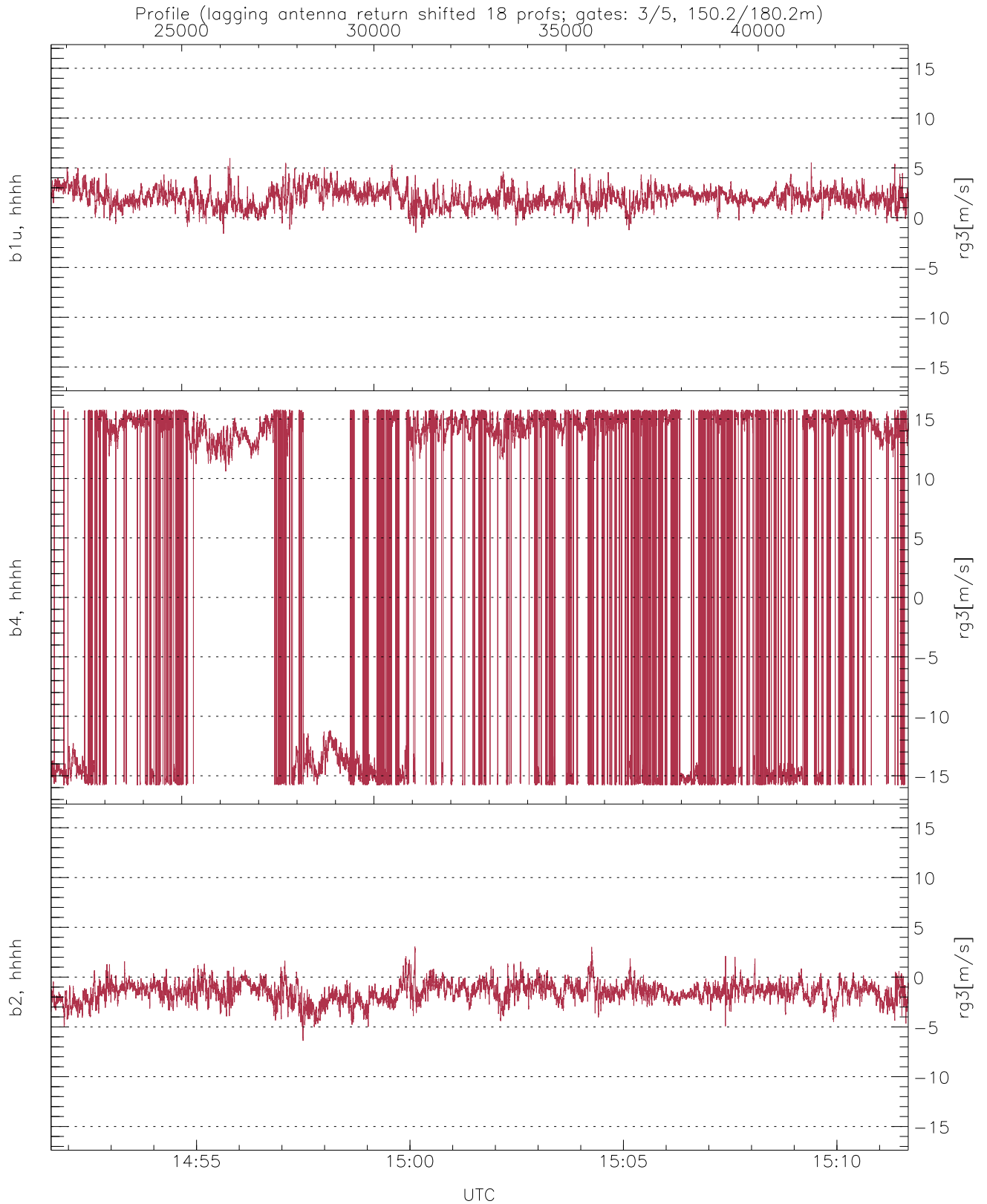
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
up(hh[dBm])	-60.61	-4.47	-14.96
down-fore(hh[dBm])	-63.19	-9.92	-20.68
down(hh[dBm])	-63.29	-6.36	-16.69



WCR2 Beam pairs Received Power Ratio(s); RangeGate: 3 (150 m)

	Min	Max	Mean
up/down (dB)	-33.00	36.52	0.89
down/down-fore (dB)	-21.52	32.84	5.87



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	-1.61	5.99	1.99	0.93
b4, hhhh(rg3[m/s])	-15.80	15.80	4.03	14.14
b2, hhhh(rg3[m/s])	-6.39	3.08	-1.52	0.99