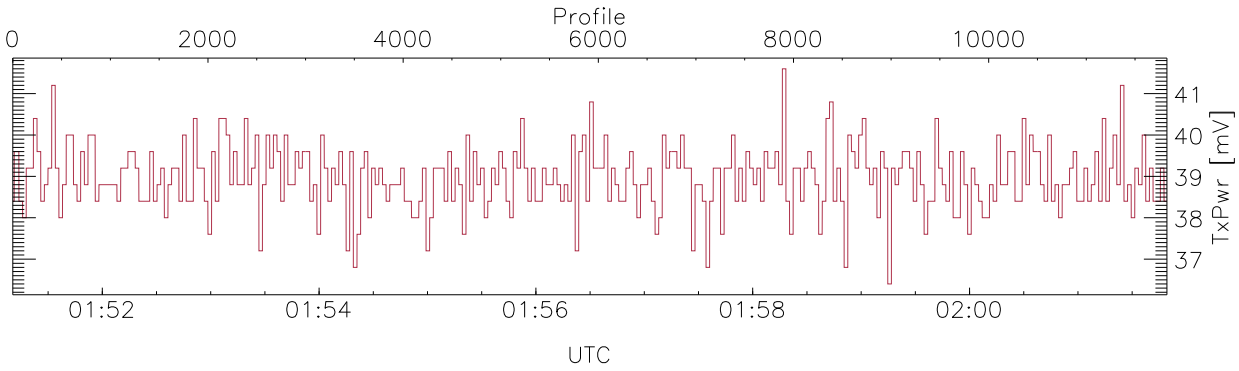
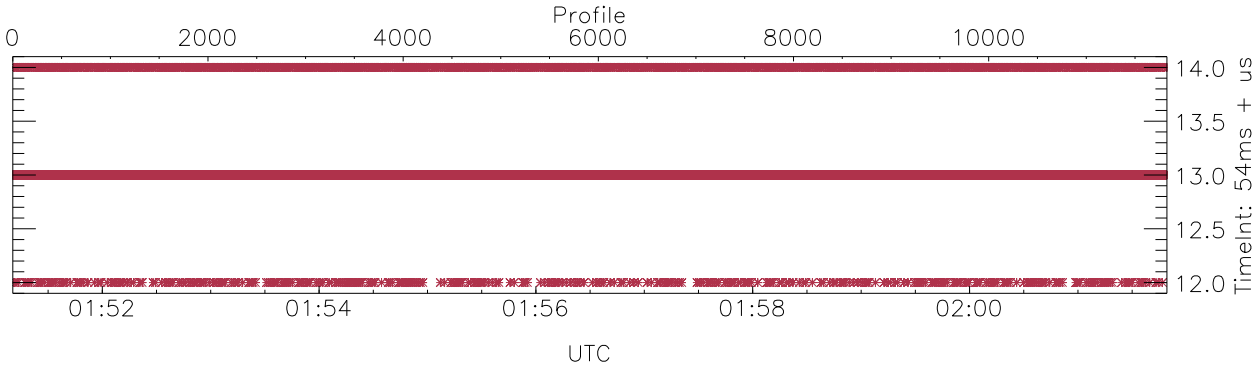
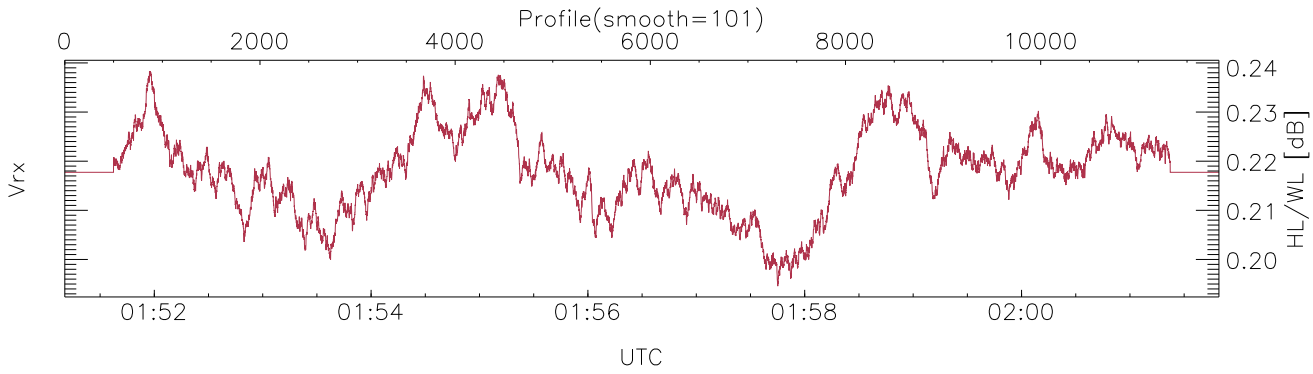
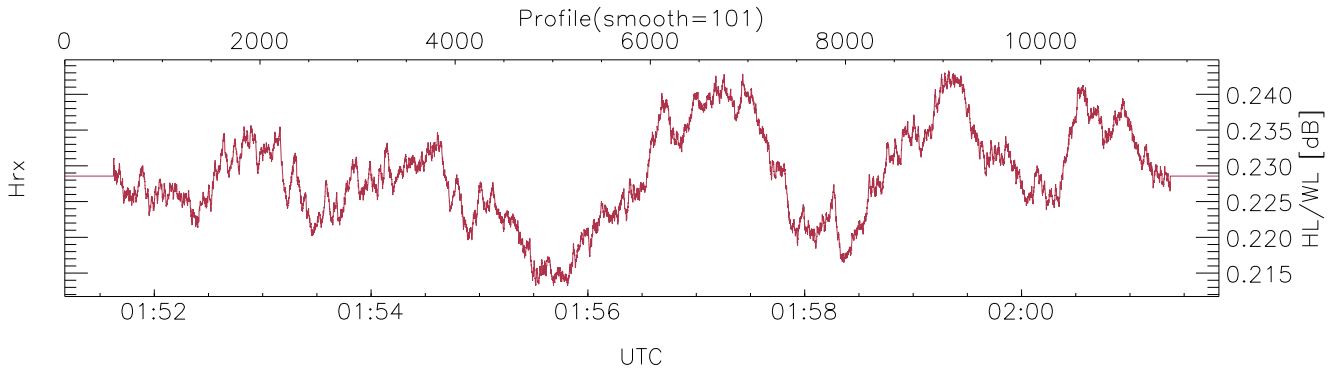


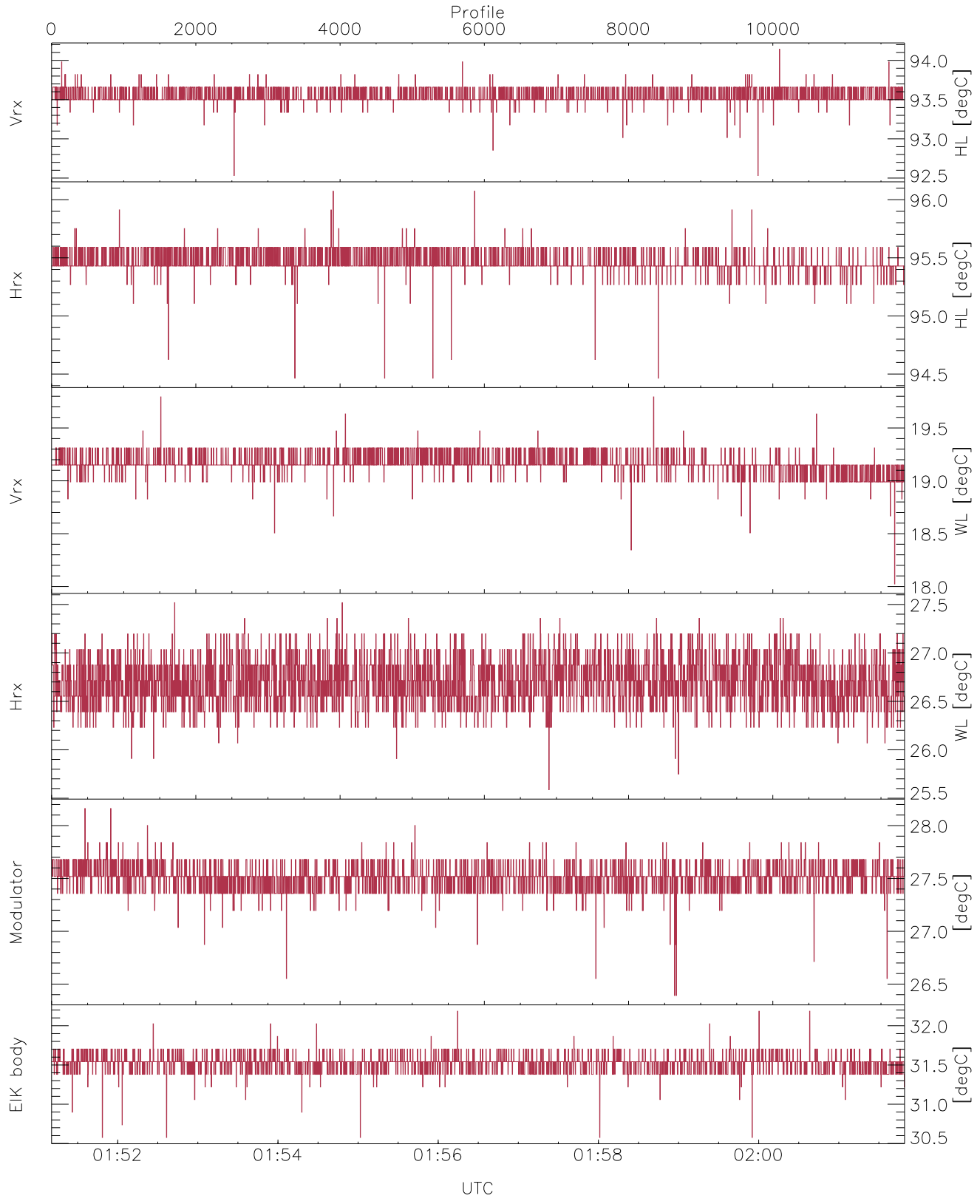






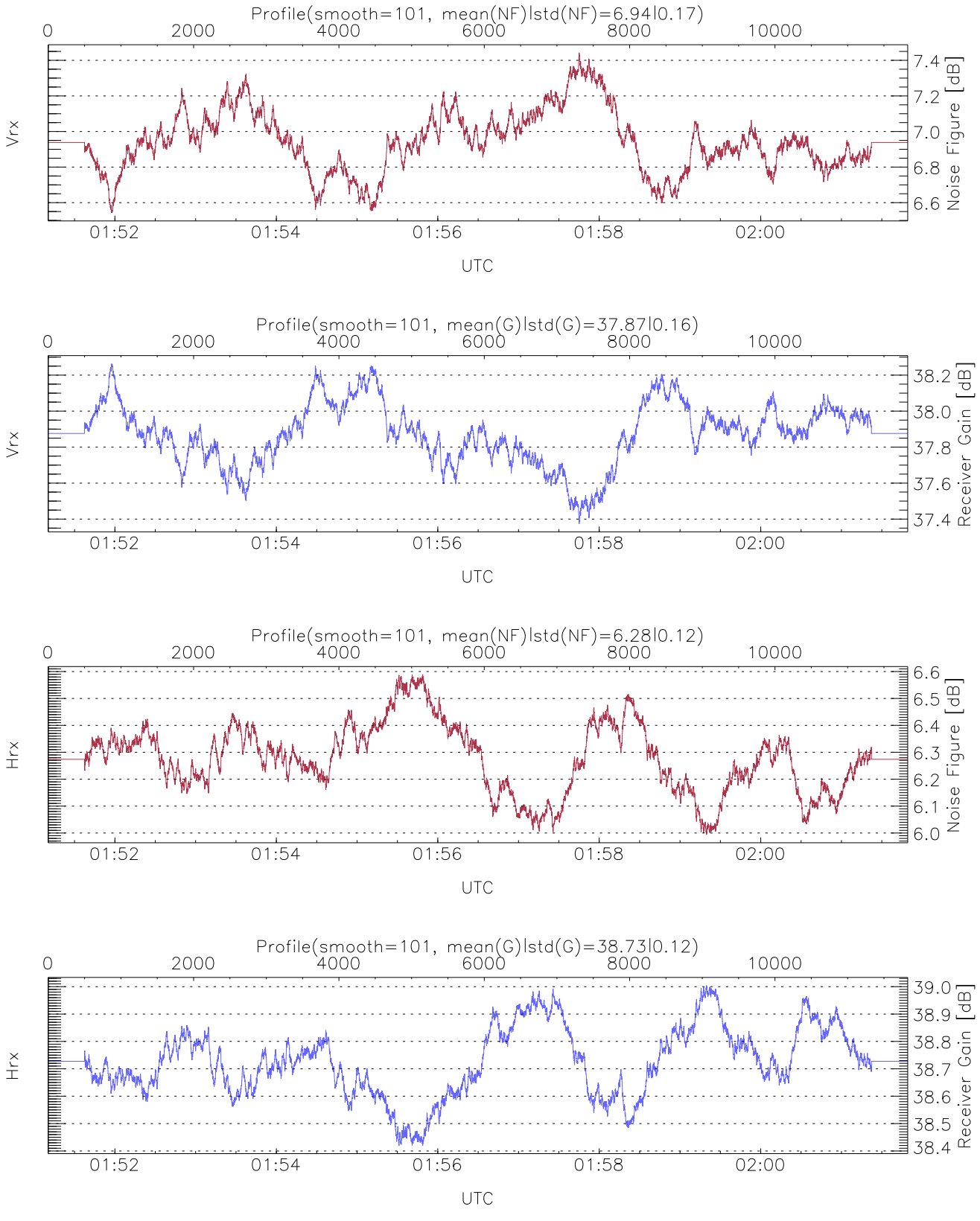
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 01:51:10-02:01:49, Dur: 638.82s
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): 11828/11828, 0-11827/01:51:10-02:01:49
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,rgs): 105,6037,15.0 m, Gates: 396, Aspect: 3.1
Mirror(-9|0|1|2,3,9x = no mirror|sideluplerror): 1



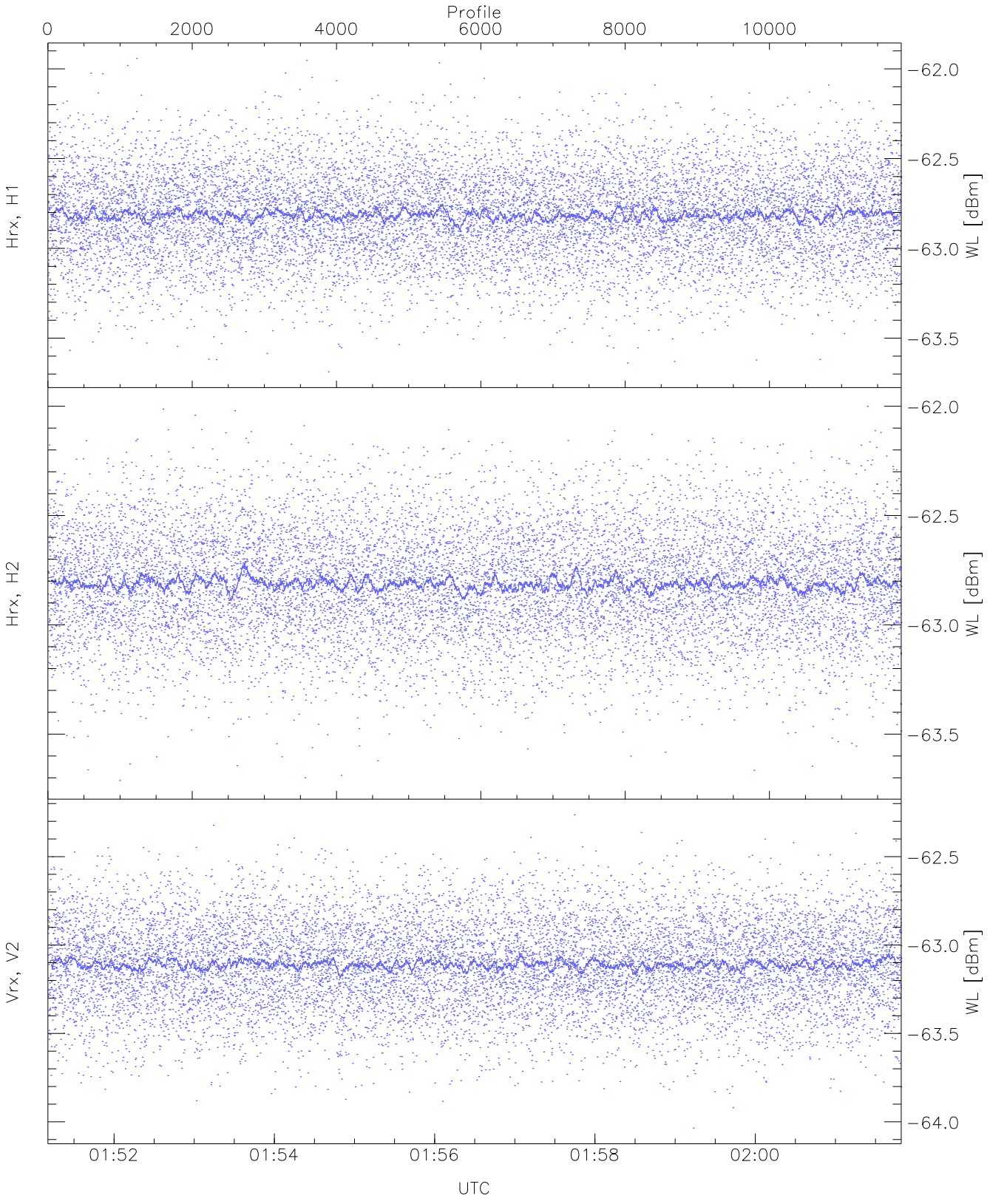
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,94,18,25,26,30
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,96,19,27,28,32
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (14,14,14,19,14,10)



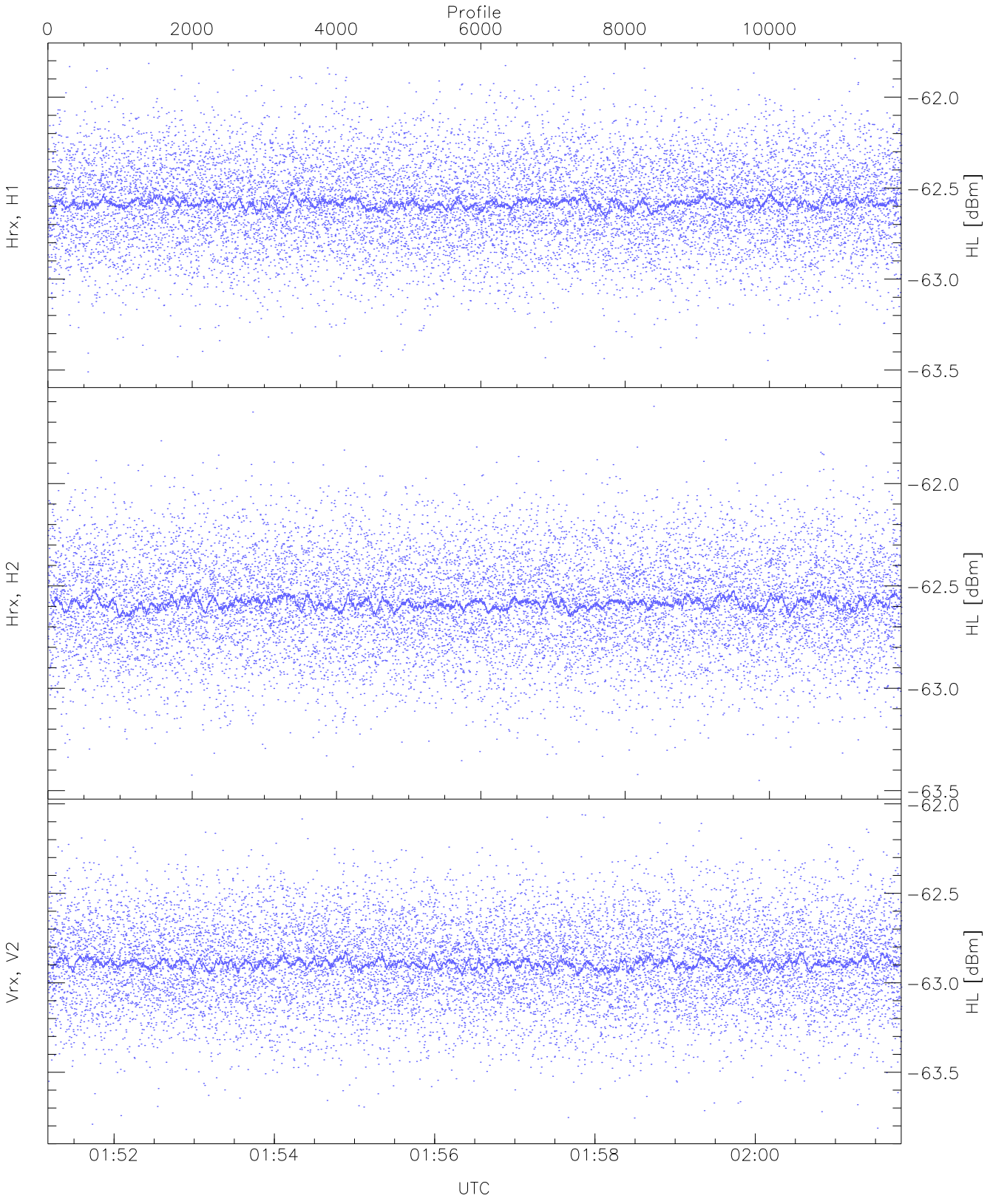
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 192 pixs, 31 gates, 192 profs, 1 prods



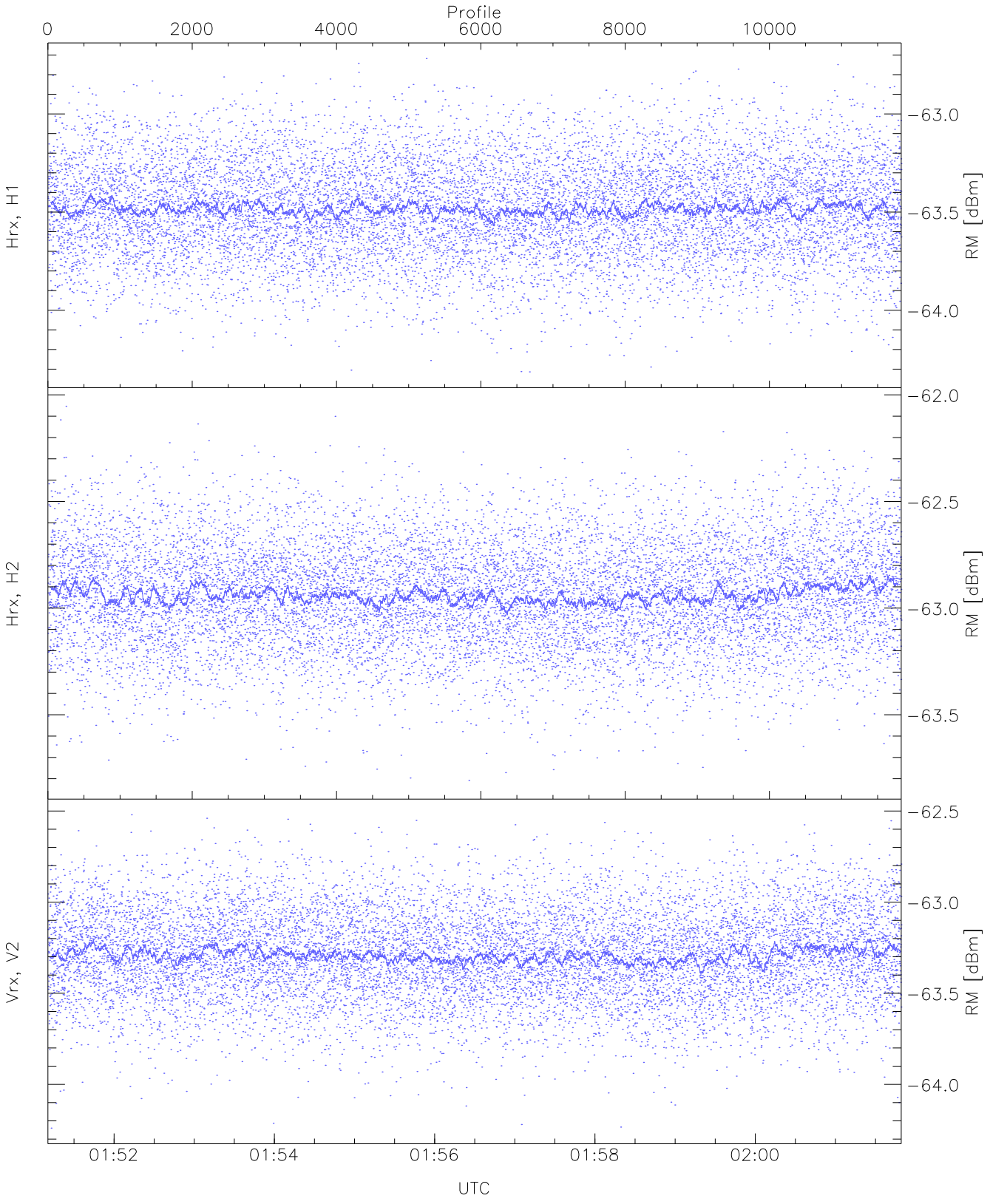
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-63.69	-61.94	-62.81	-62.81	-75.48
Hrx, H2(WL [dBm])	-63.71	-62.00	-62.81	-62.81	-75.52
Vrx, V2(WL [dBm])	-64.04	-62.26	-63.11	-63.11	-75.77



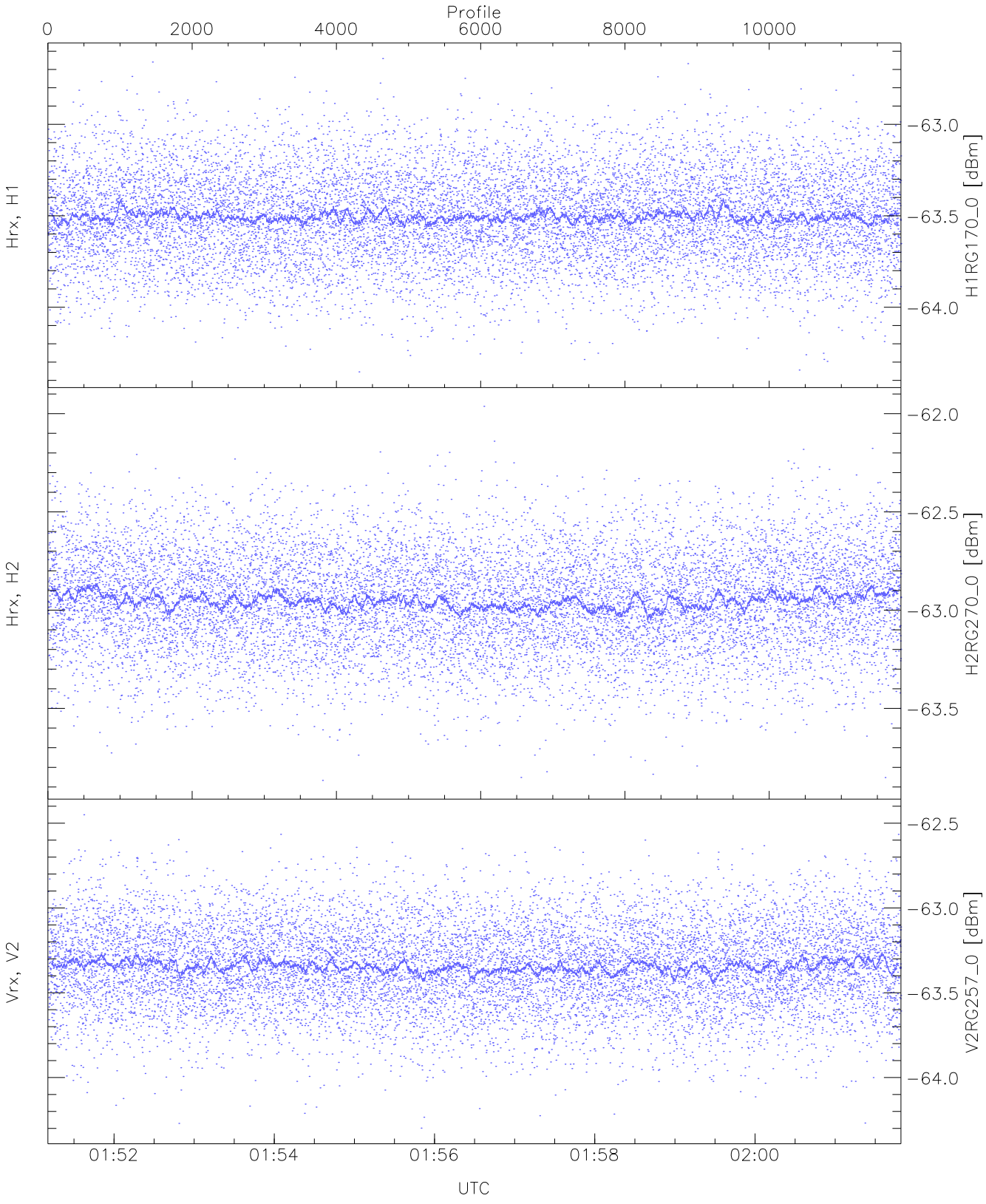
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-63.51	-61.79	-62.58	-62.59	-75.29
Hrx, H2(HL [dBm])	-63.45	-61.62	-62.58	-62.58	-75.30
Vrx, V2(HL [dBm])	-63.81	-62.06	-62.89	-62.89	-75.58



WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

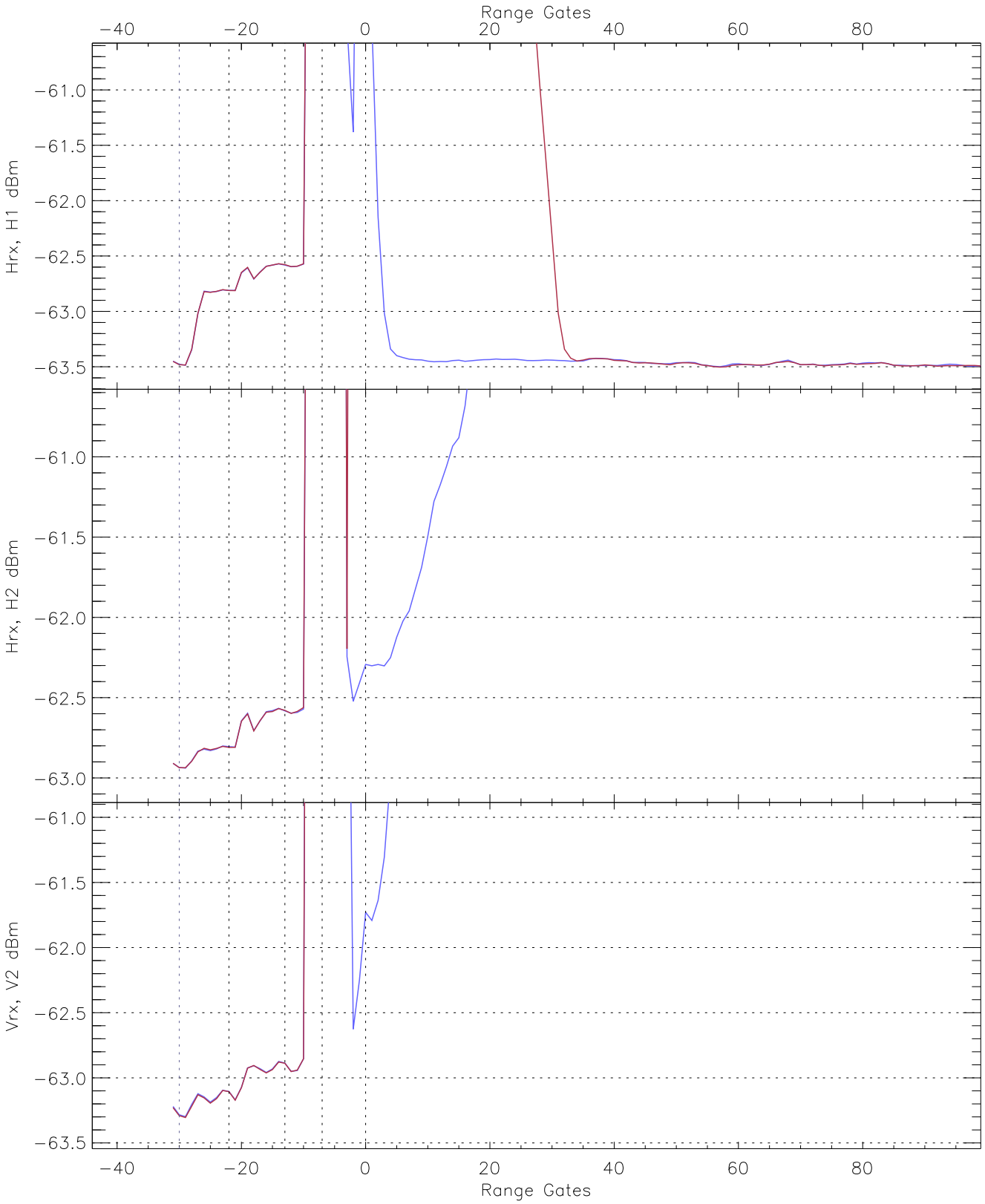
	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-64.31	-62.72	-63.48	-63.49	-76.16
Hrx, H2(RM [dBm])	-63.81	-62.05	-62.94	-62.94	-75.65
Vrx, V2(RM [dBm])	-64.24	-62.52	-63.29	-63.29	-75.99



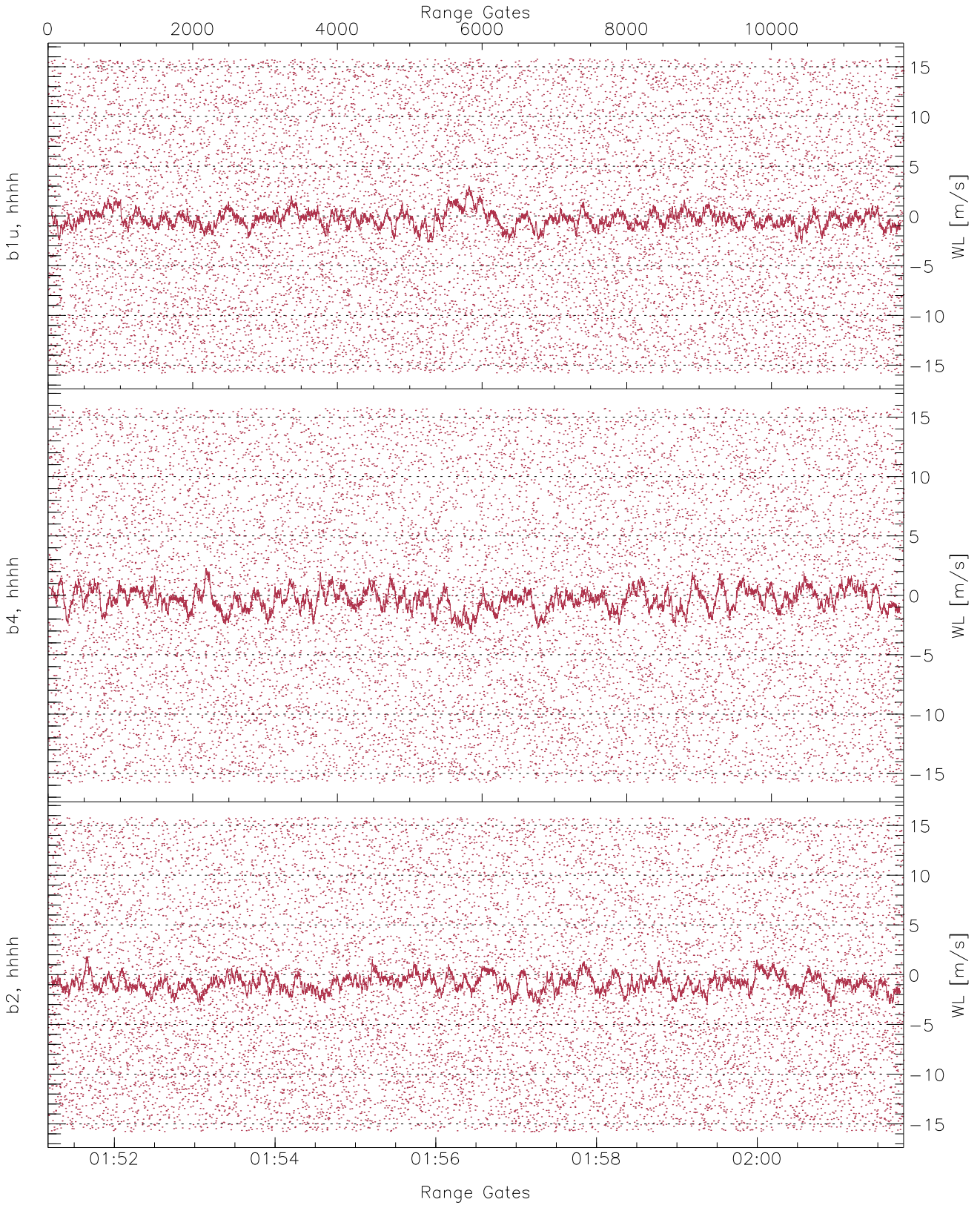
WCR2 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG170_0 [dBm]	-64.35	-62.64	-63.50	-63.51	-76.21
H2RG270_0 [dBm]	-63.87	-61.96	-62.95	-62.95	-75.61
V2RG257_0 [dBm]	-64.30	-62.45	-63.34	-63.35	-75.99

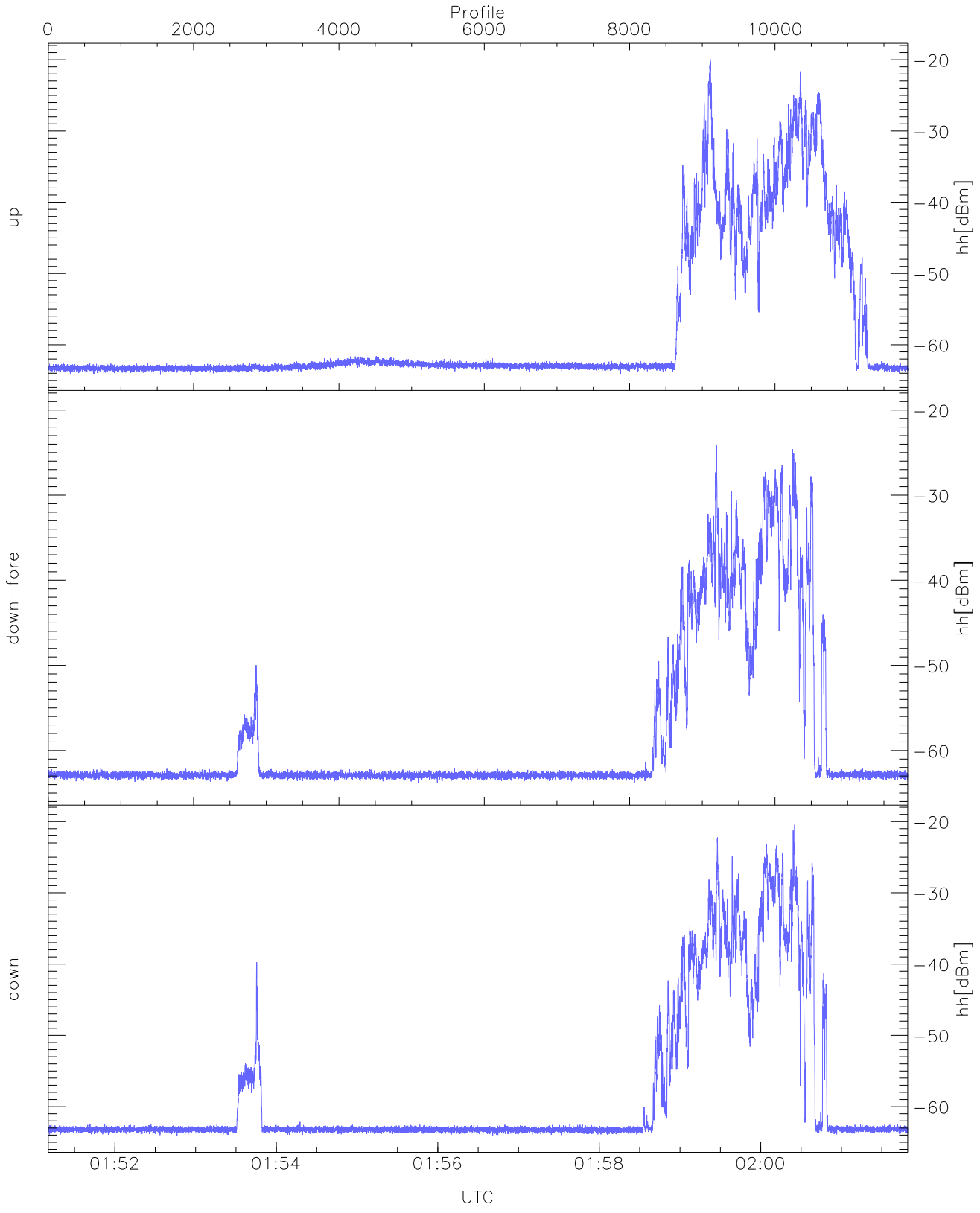
WCR2 CPP Averaged Received power for all recorded gates
blue: 015110-015630, 5915 profiles averaged
red: 015630-020149, 5914 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 015110-015630, 5915 profiles averaged
red: 015630-020149, 5914 profiles averaged

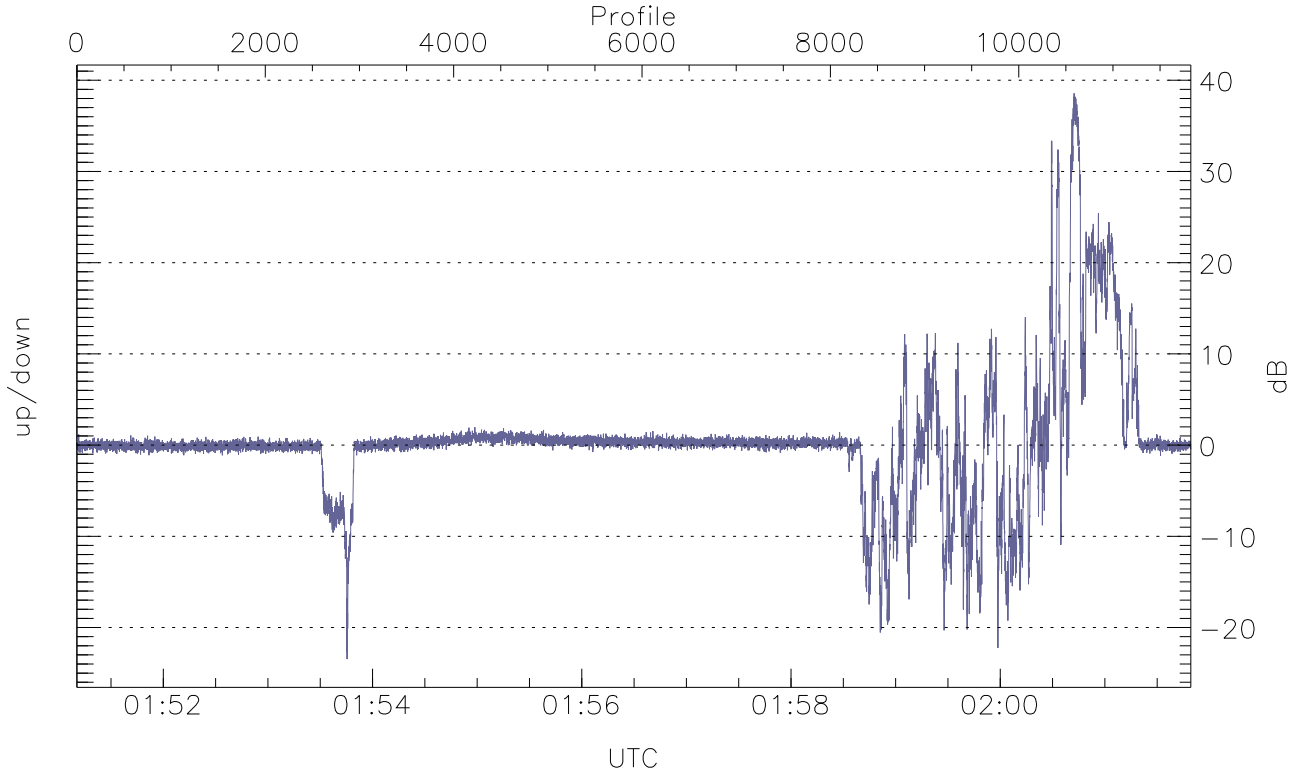


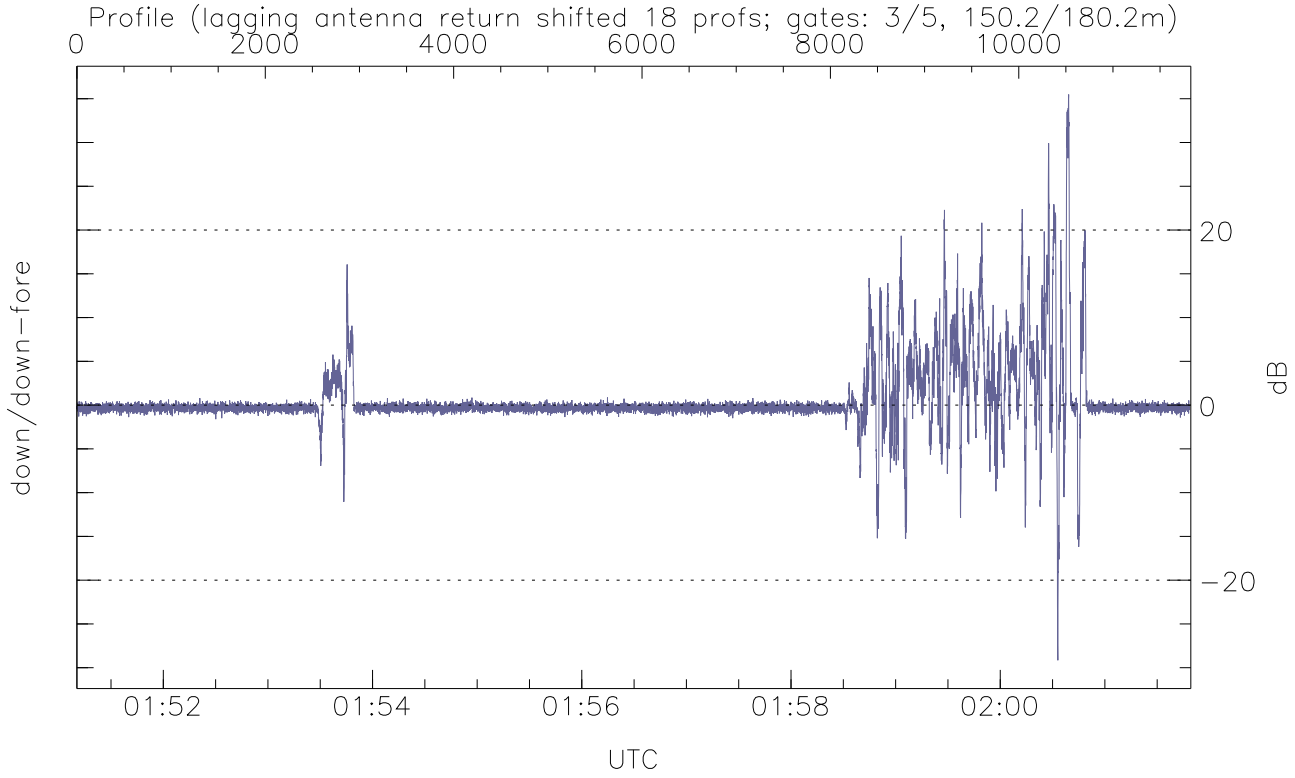
WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

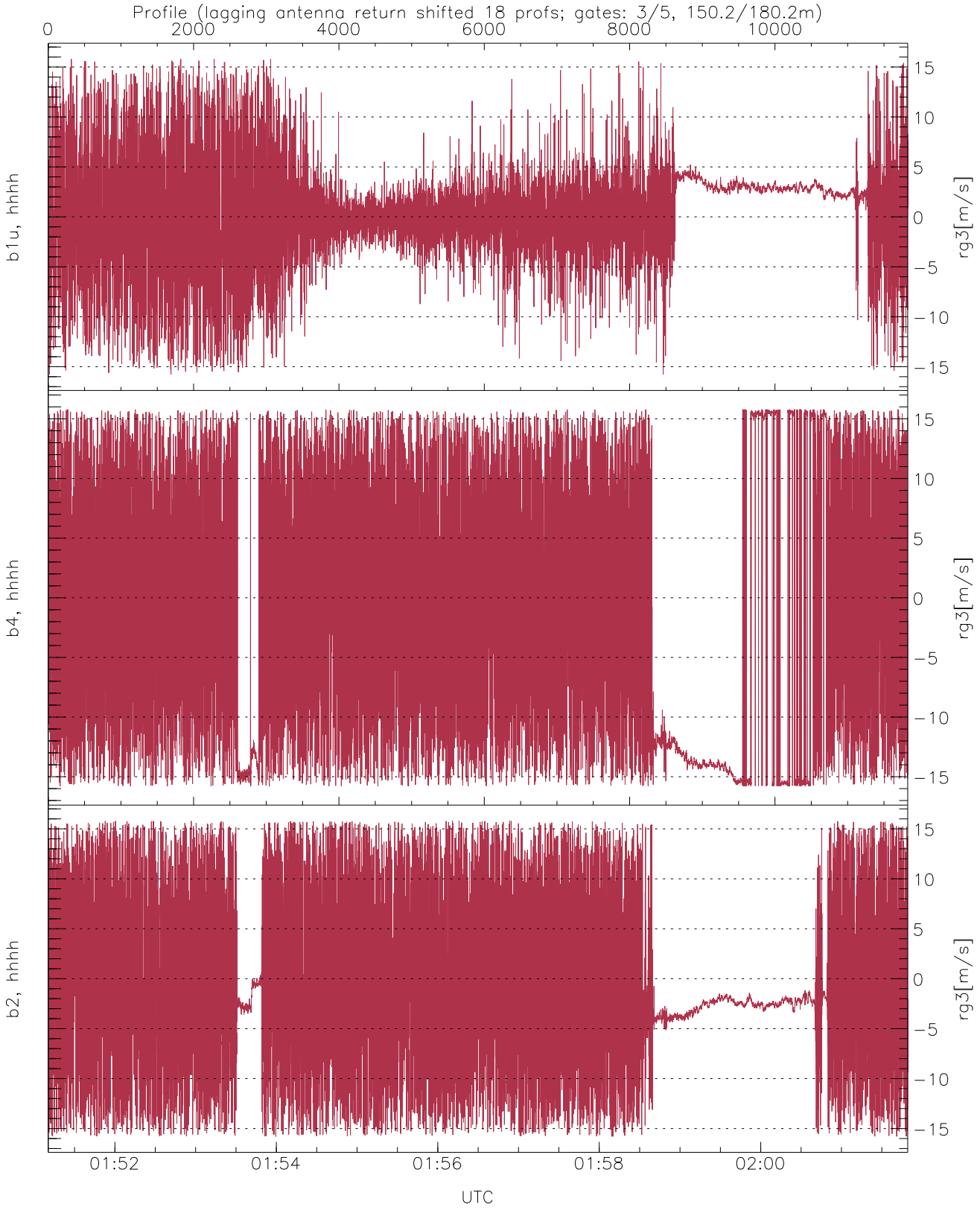
	Min	Max	Mean
up(hh[dBm])	-64.20	-19.91	-39.95
down-fore(hh[dBm])	-63.79	-24.17	-42.70
down(hh[dBm])	-64.16	-20.45	-40.14





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

	Min	Max	Mean
up/down(dB)	-23.46	38.57	0.40
down/down-fore(dB)	-29.15	35.48	0.64



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	-15.79	15.80	0.56	4.52
b4, hhhh(rg3[m/s])	-15.80	15.80	-1.67	10.44
b2, hhhh(rg3[m/s])	-15.80	15.80	-0.91	7.99