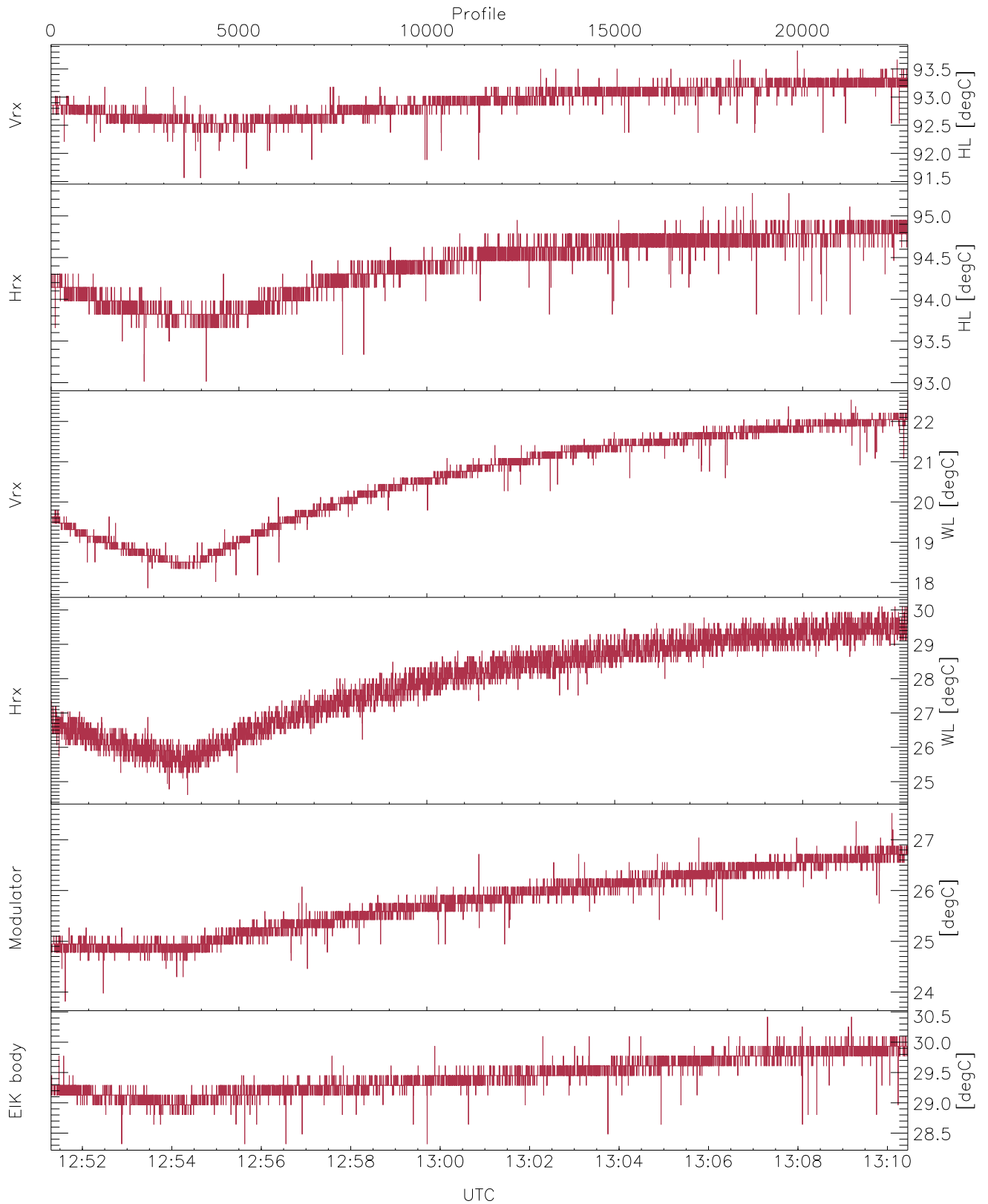


WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

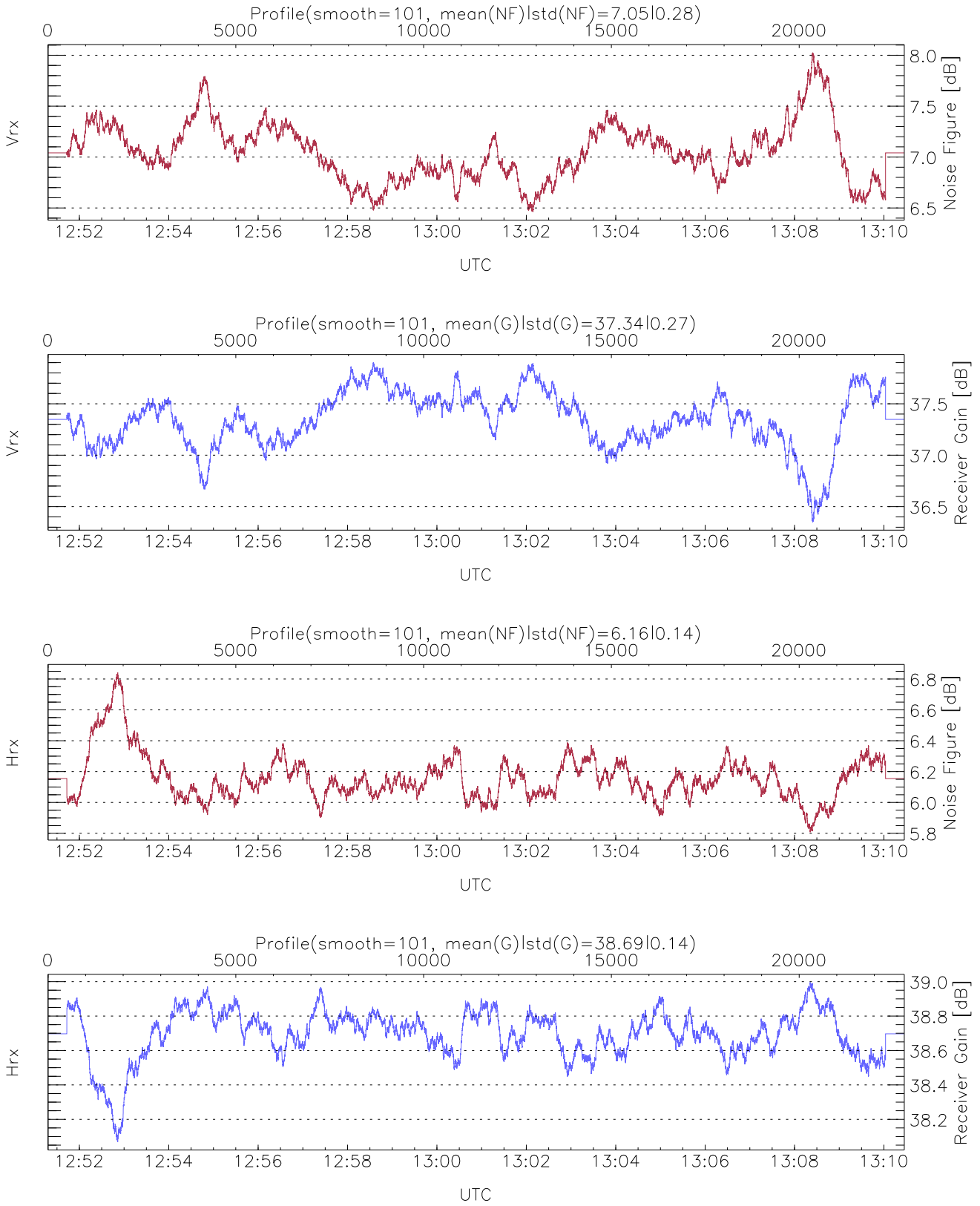
UTC: 12:51:18-13:17:28, Dur: 1570.10s
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20
 NumRec(r/t): 22800/31146, 0-22799/12:51:18-13:10:27
 AcqTime: 50.4ms, Rate: 268KB/s, Averages: 168
 Pulse: 200ns, IFF: 5.0MHz, Tx: H1 H1 H2 H2 V2 V2
 PRF: 20.0 20.0 20.0 20.0 20.0 KHz, IGS: 50us
 Range(min,max,rqs): 105,5271,15.0 m, Gates: 345, Aspect: 3.3
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



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

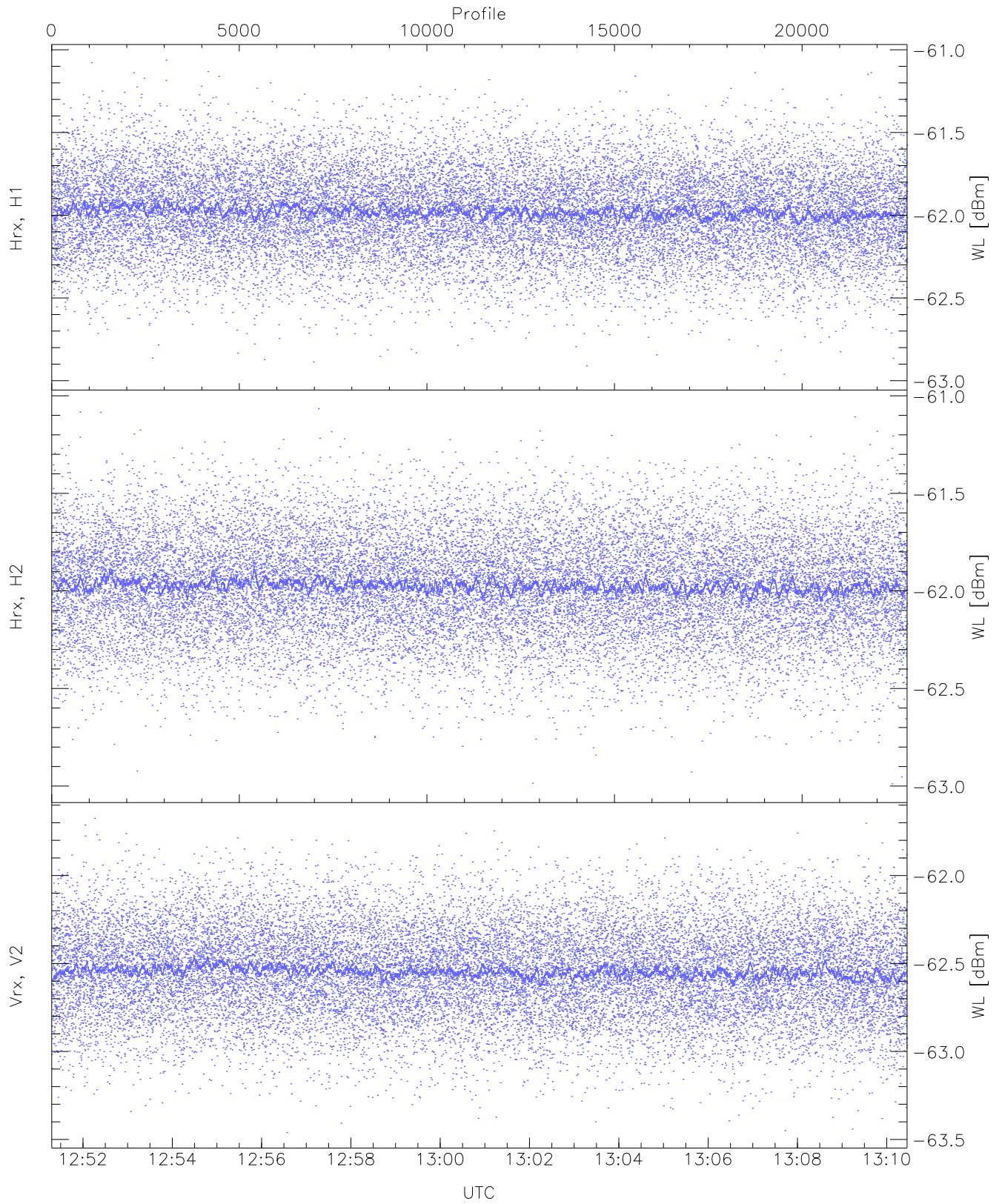
mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,17,24,23,28
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,95,22,30,27,30
 LOalarm(20,80,240,2.8,14.8 MHz): None

EIK Faults(# prof affected):
 DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (11,11,11,11,11,5)



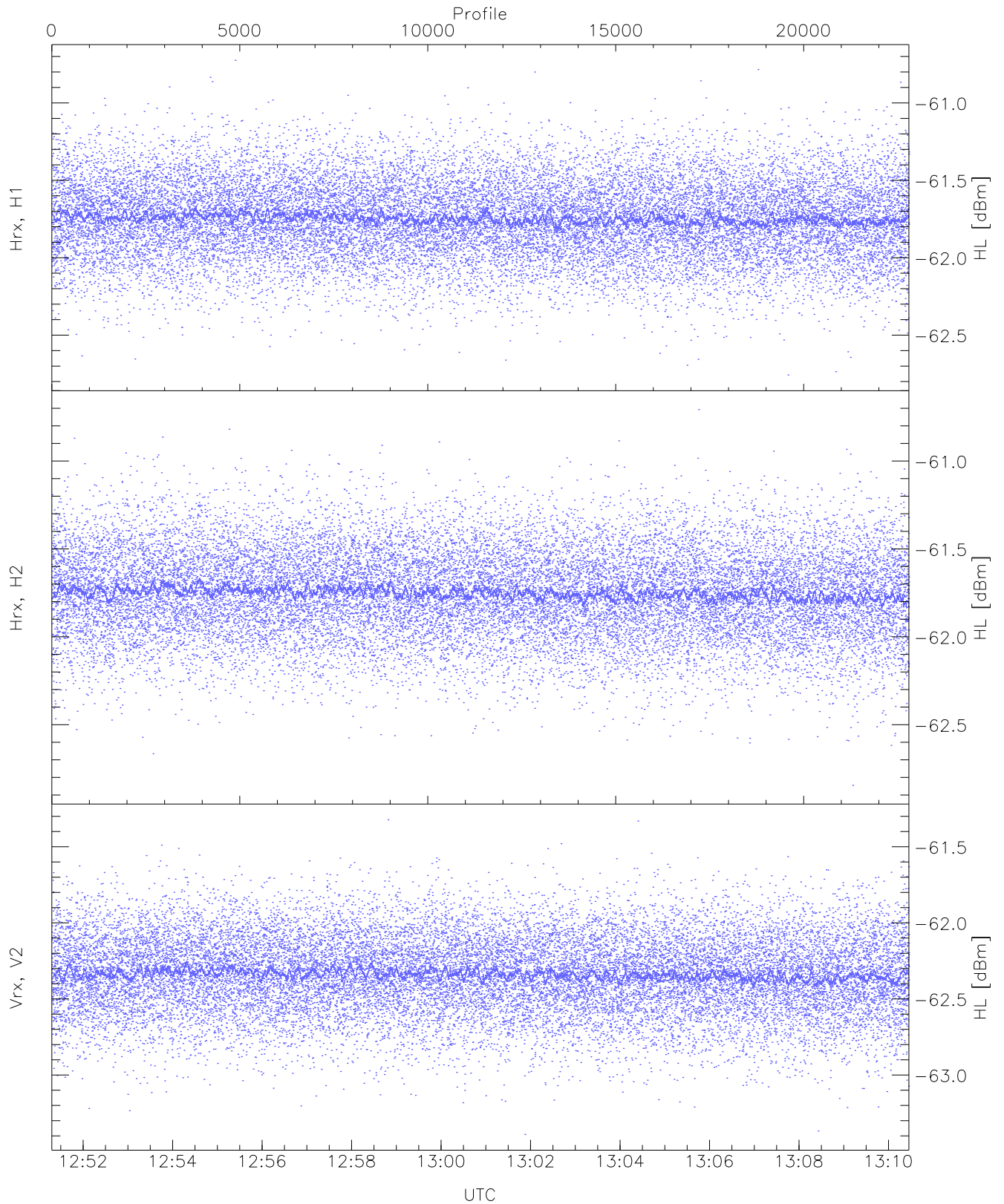
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 527 pixs, 31 gates, 516 profs, 2 prods



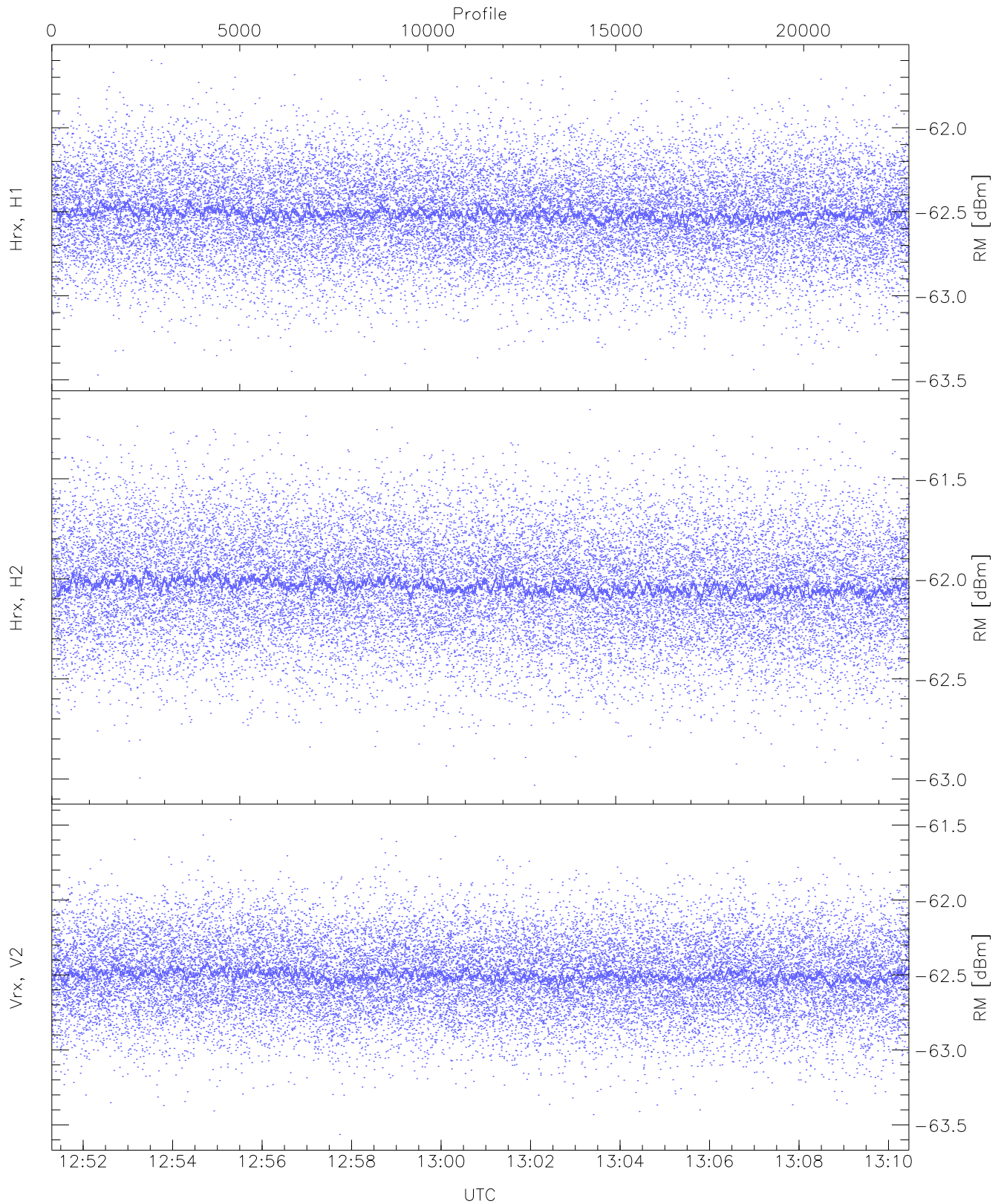
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-62.96	-61.06	-61.97	-61.98	-74.54
Hrx, H2 (WL [dBm])	-62.99	-61.07	-61.97	-61.97	-74.50
Vrx, V2 (WL [dBm])	-63.46	-61.67	-62.54	-62.55	-75.10



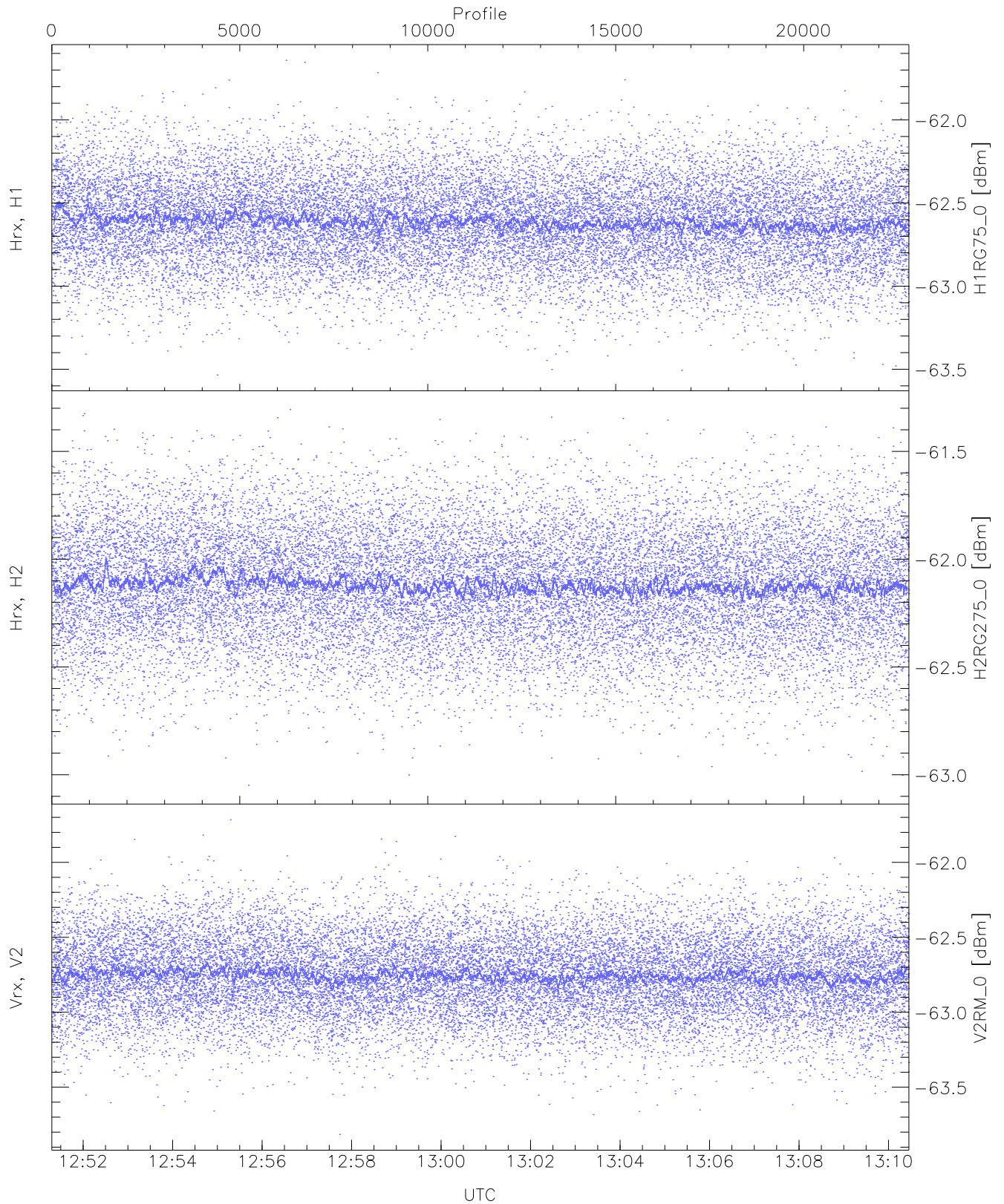
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.76	-60.72	-61.74	-61.75	-74.30
Hrx, H2 (HL [dBm])	-62.84	-60.71	-61.75	-61.75	-74.34
Vrx, V2 (HL [dBm])	-63.39	-61.32	-62.33	-62.34	-74.87



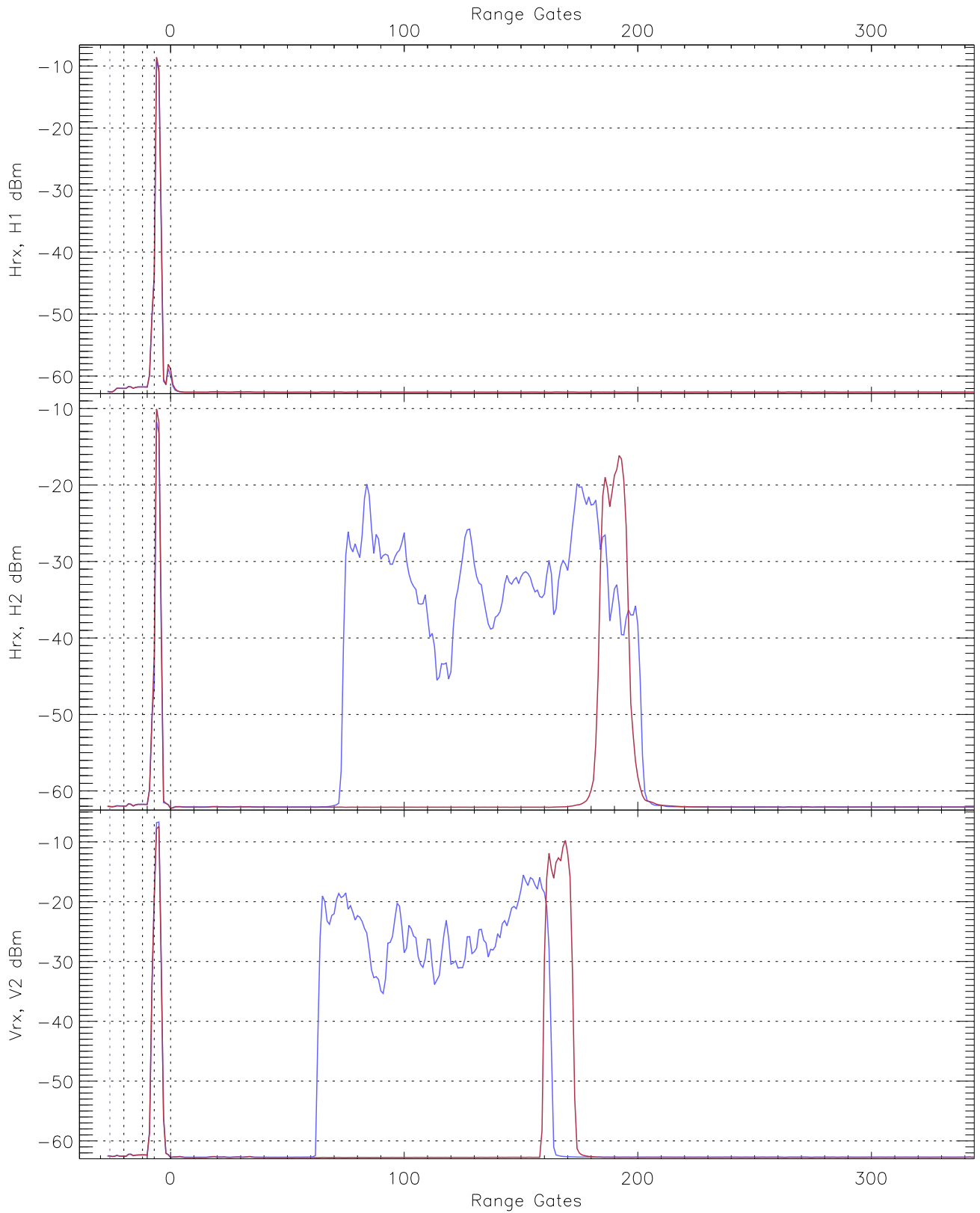
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-63.47	-61.60	-62.51	-62.51	-75.05
Hrx, H2 (RM [dBm])	-63.03	-61.15	-62.03	-62.04	-74.58
Vrx, V2 (RM [dBm])	-63.56	-61.46	-62.50	-62.51	-75.02

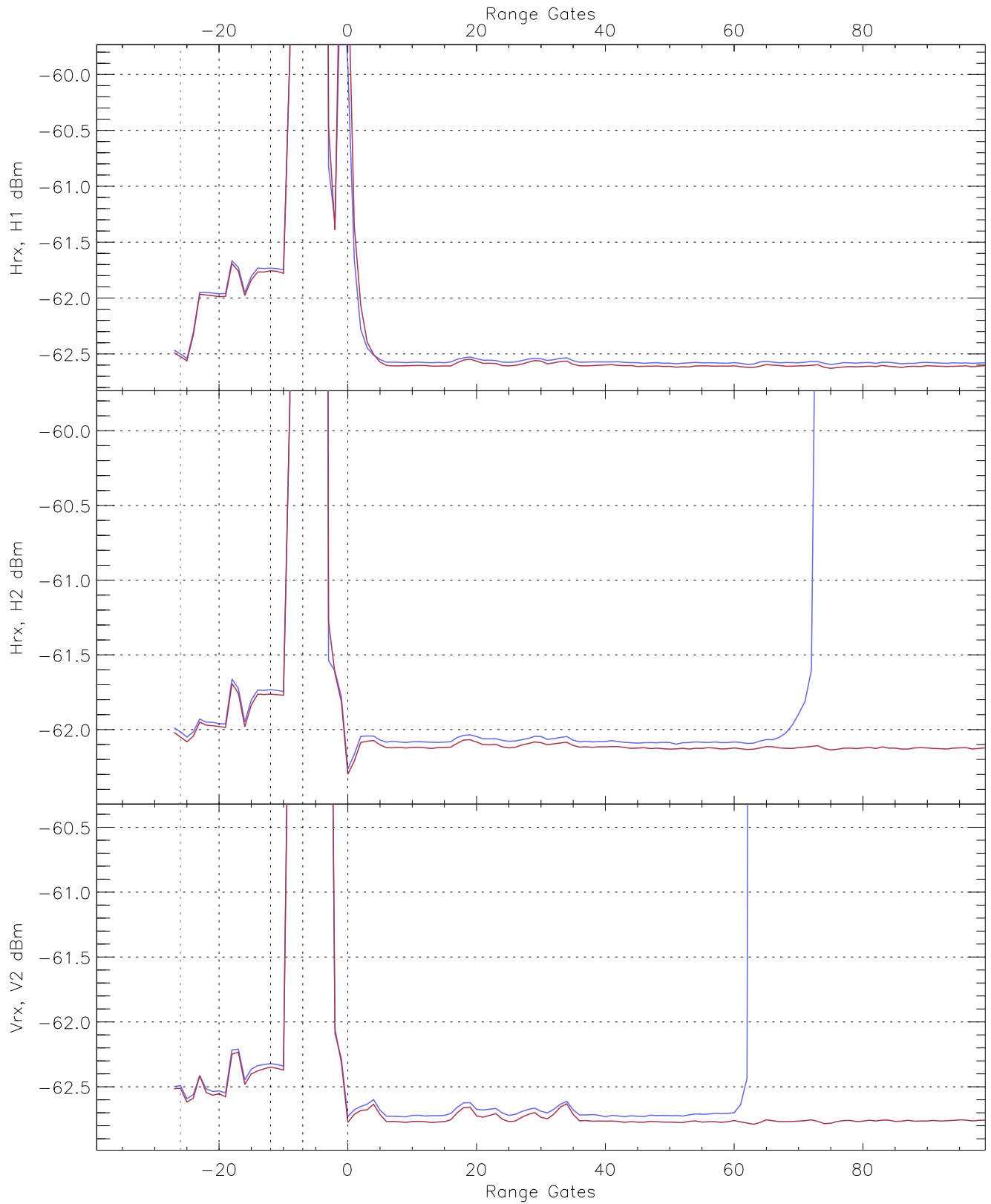


WCR2 CPP "Best" estimate Receivers Noise Power

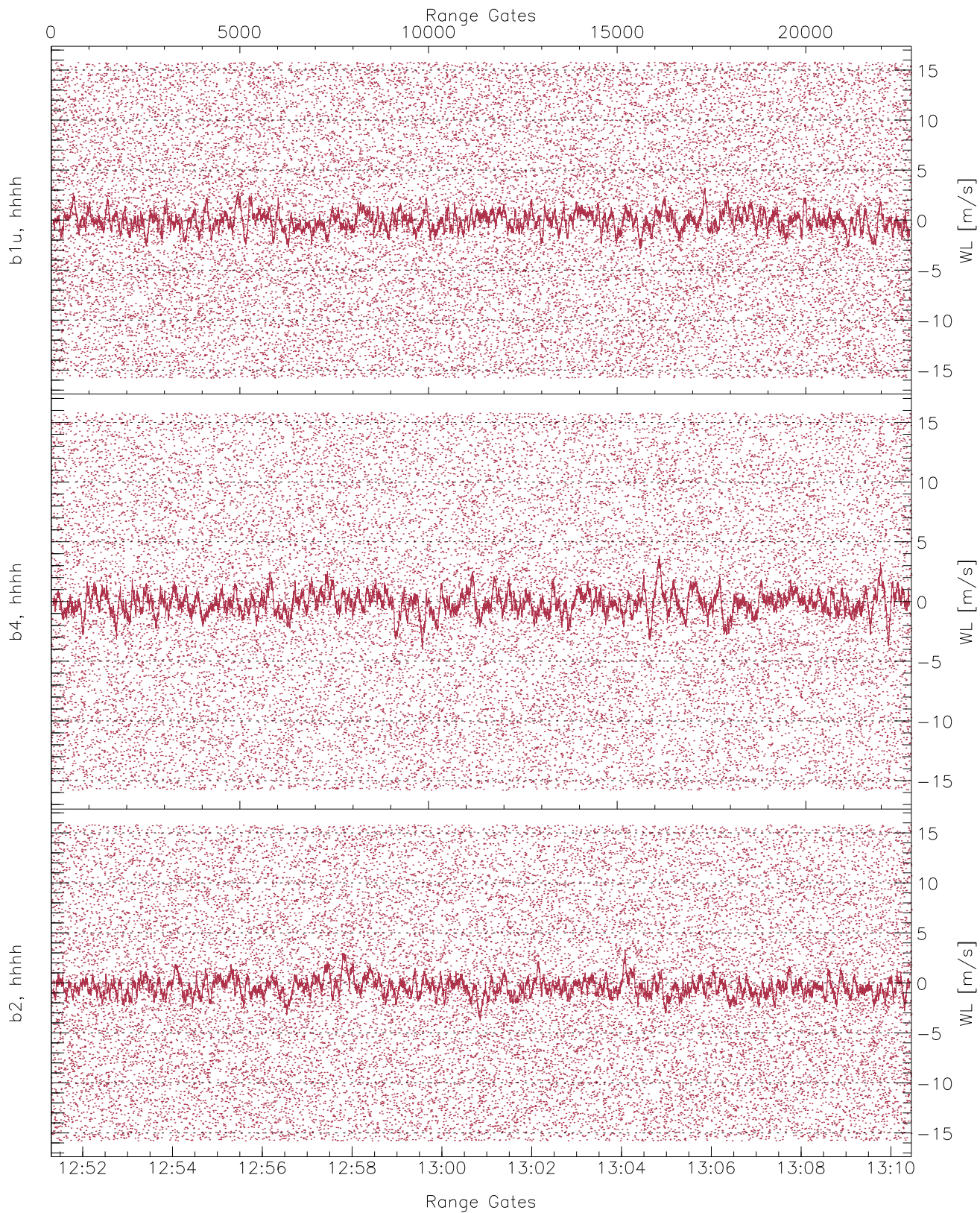
	Min	Max	Mean	Median	StDev
H1RG75_0 [dBm]	-63.53	-61.64	-62.61	-62.62	-75.18
H2RG275_0 [dBm]	-63.05	-61.31	-62.12	-62.12	-74.70
V2RM_0 [dBm]	-63.82	-61.72	-62.75	-62.76	-75.27



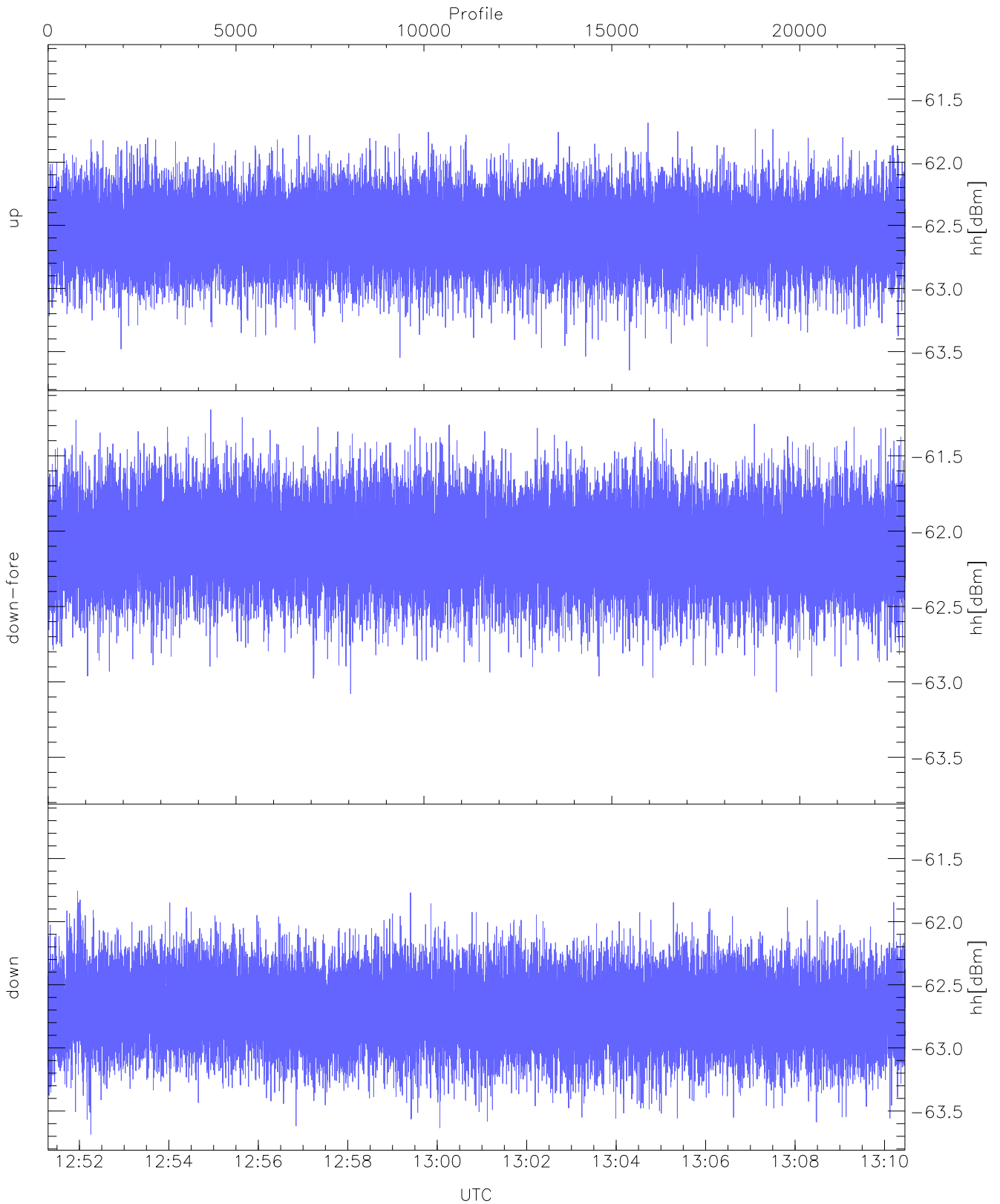
WCR2 CPP Averaged Received power for all recorded gates
blue: 125118-130053, 11401 profiles averaged
red: 130053-131027, 11400 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 125118-130053, 11401 profiles averaged
red: 130053-131027, 11400 profiles averaged

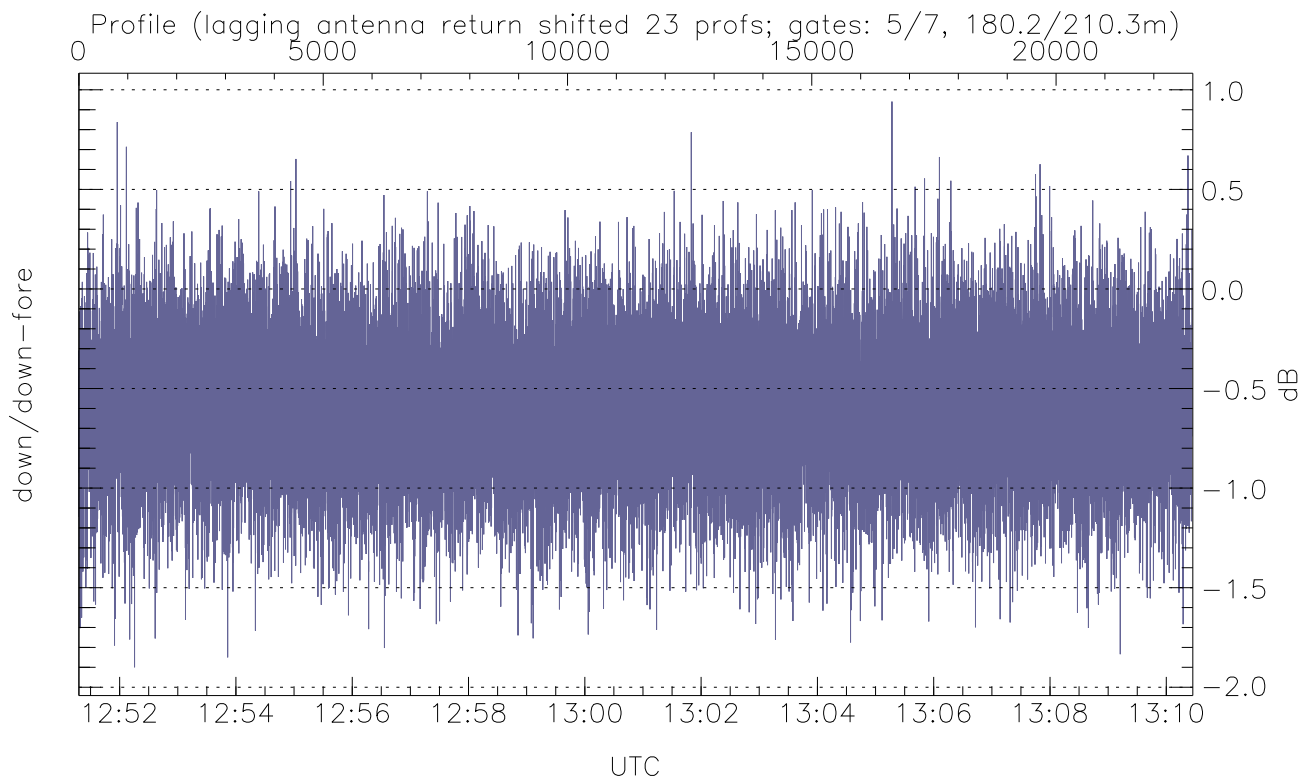
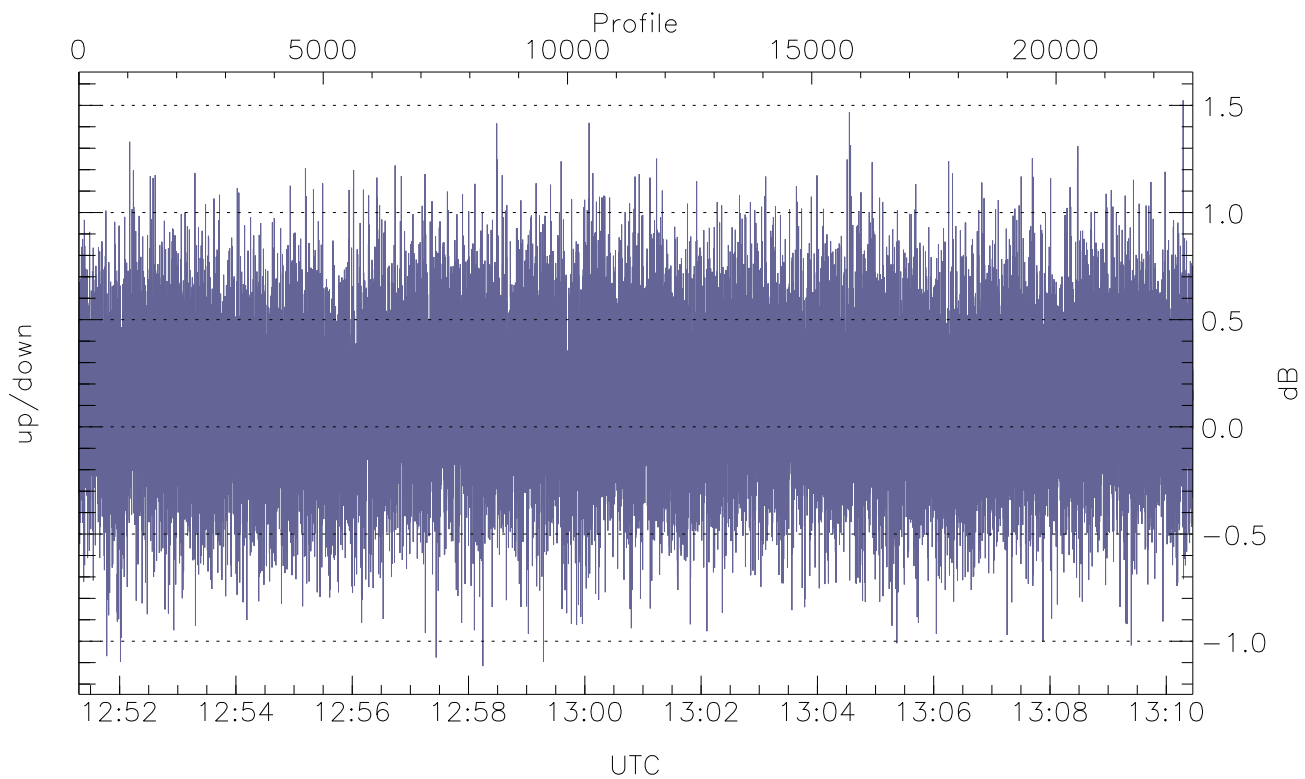


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



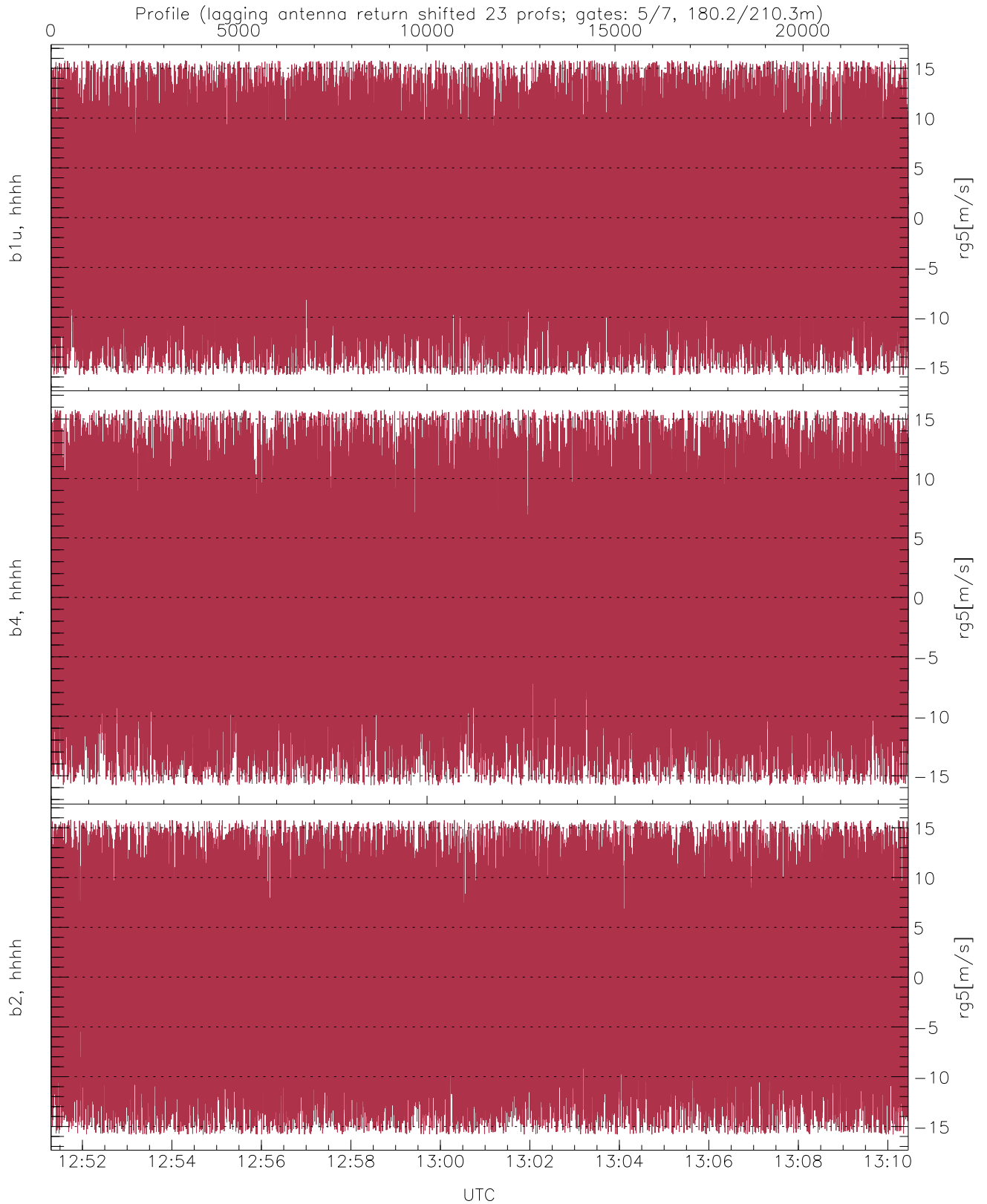
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh[dBm])	-63.65	-61.69	-62.56
down-fore(hh[dBm])	-63.08	-61.19	-62.09
down(hh[dBm])	-63.69	-61.75	-62.70



WCR2 Beam pairs Received Power Ratio(s); RangeGate: 5 (180 m)

	Min	Max	Mean
up/down (dB)	-1.12	1.52	0.14
down/down-fore (dB)	-1.90	0.94	-0.60



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.80	15.80	-0.12	8.87
b4, hhhh(rg5[m/s])	-15.80	15.80	-0.12	9.04
b2, hhhh(rg5[m/s])	-15.80	15.80	-0.37	9.01