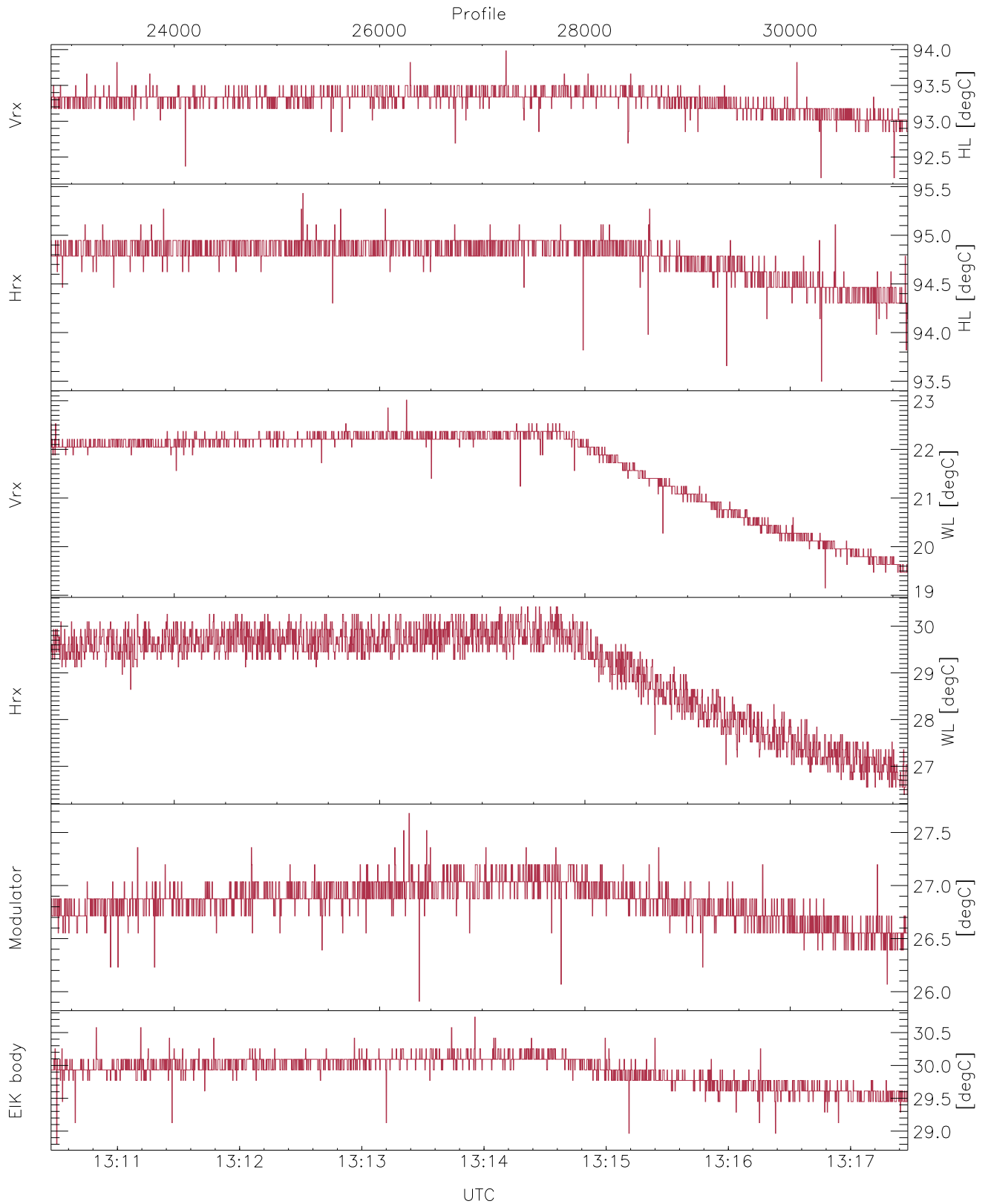


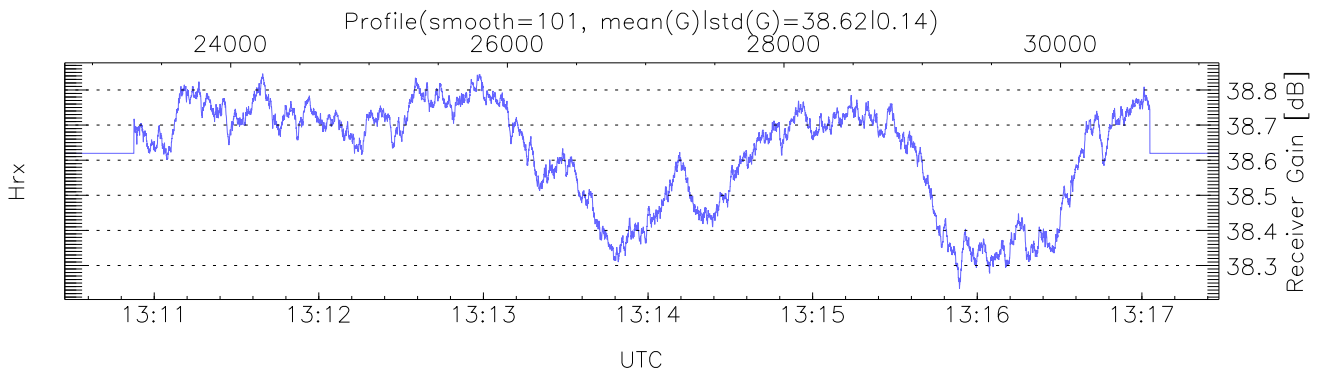
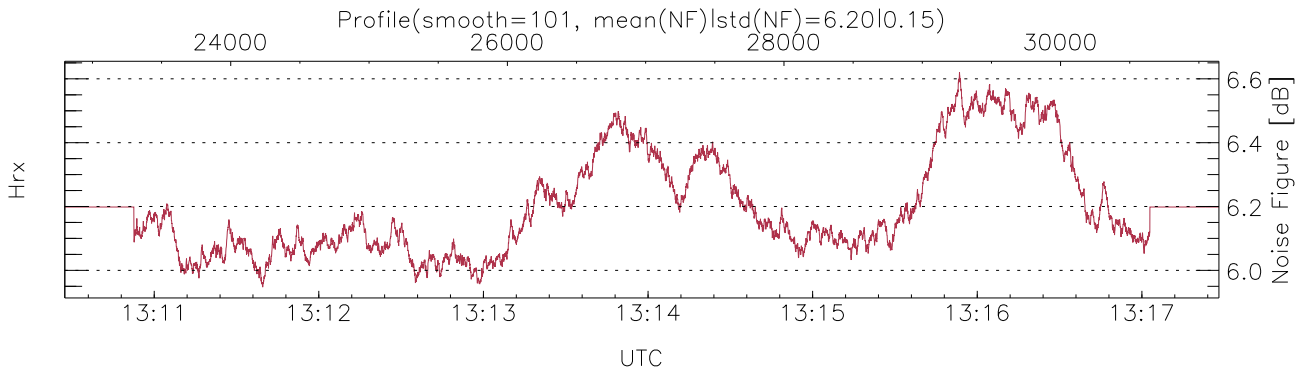
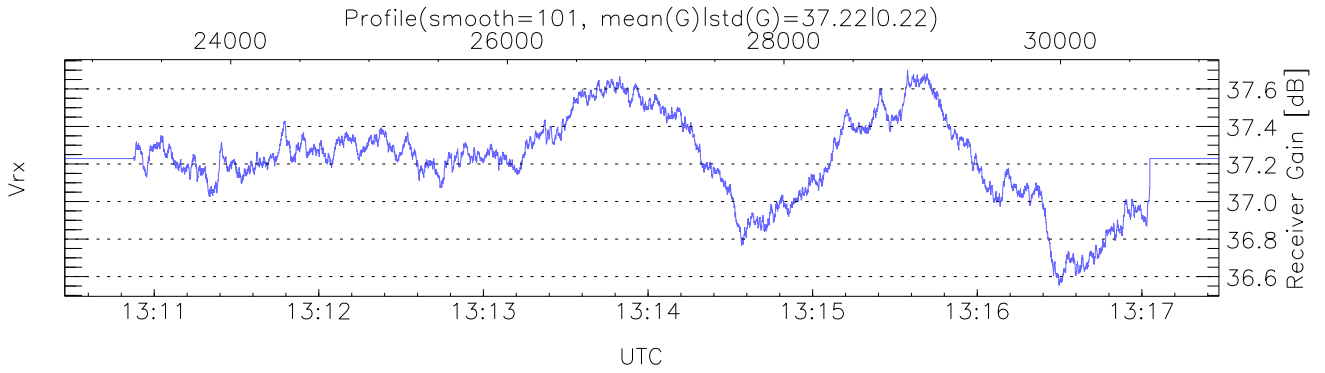
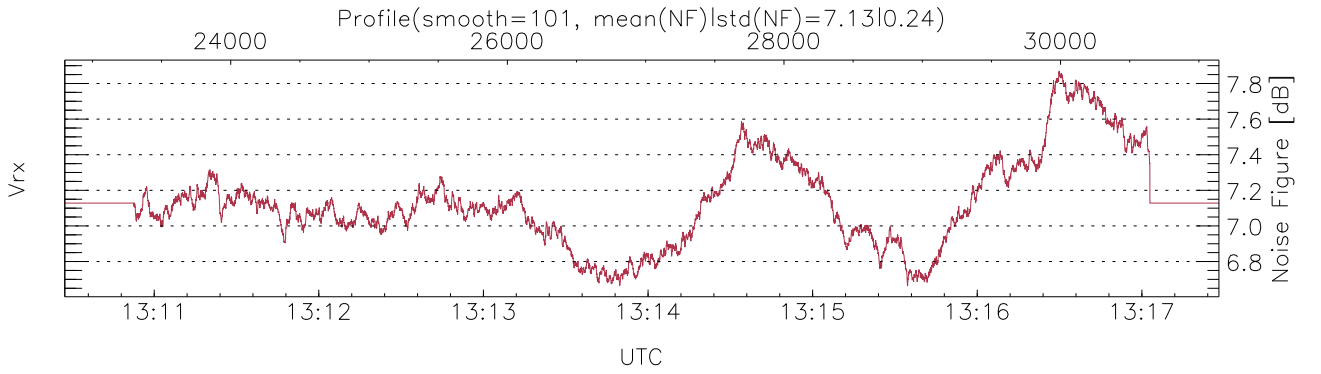
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

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): 8346/31146, 22800-31145/13:10:27-13:17:28  
 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



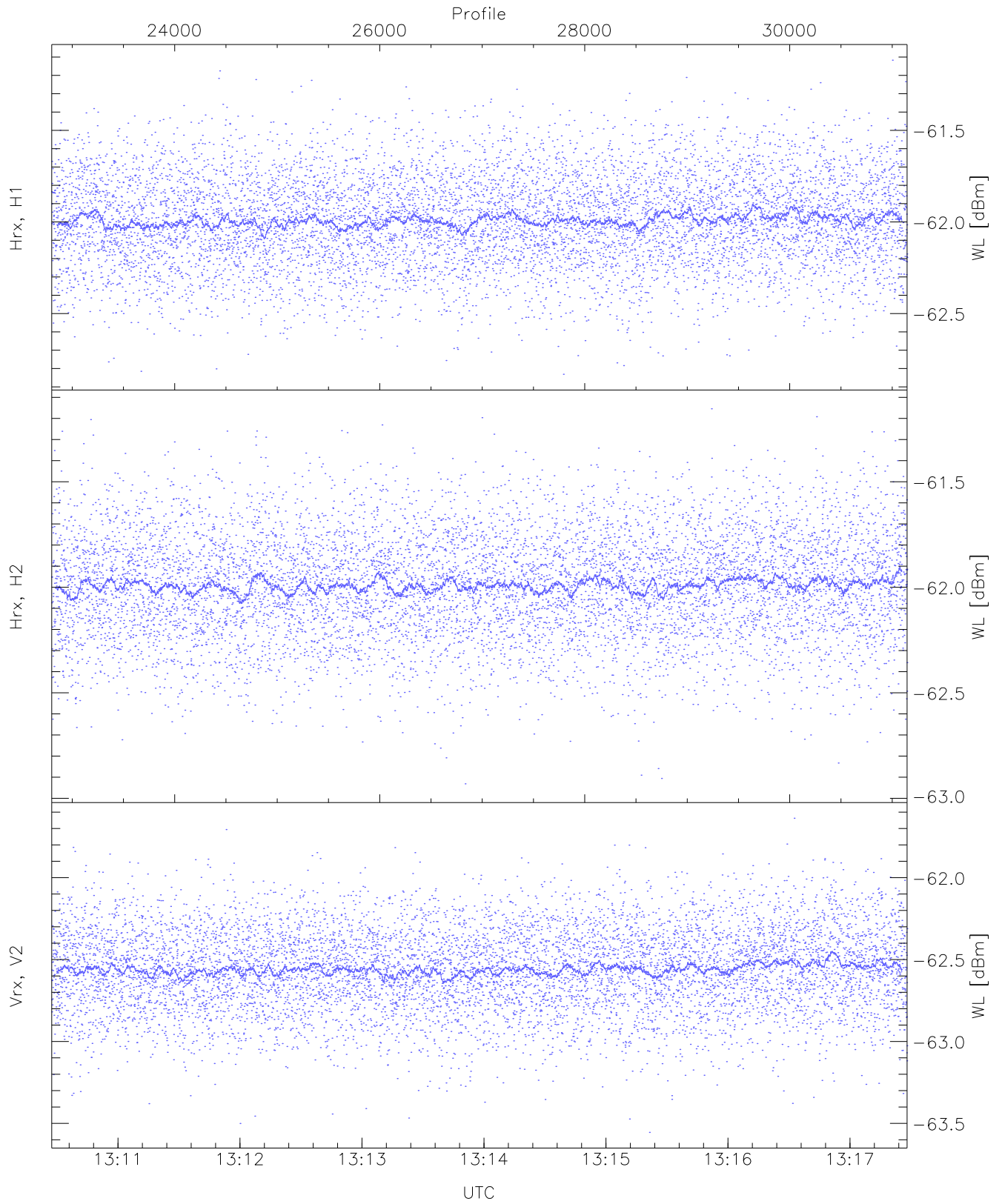
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,19,26,25,28`  
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,95,23,30,27,30`  
`LOalarm(20,80,240,2.8,14.8 MHz): 5,0,0,0,0`  
`EIK Faults(# prof affected):`  
`DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (11,11,11,11,11,5)`



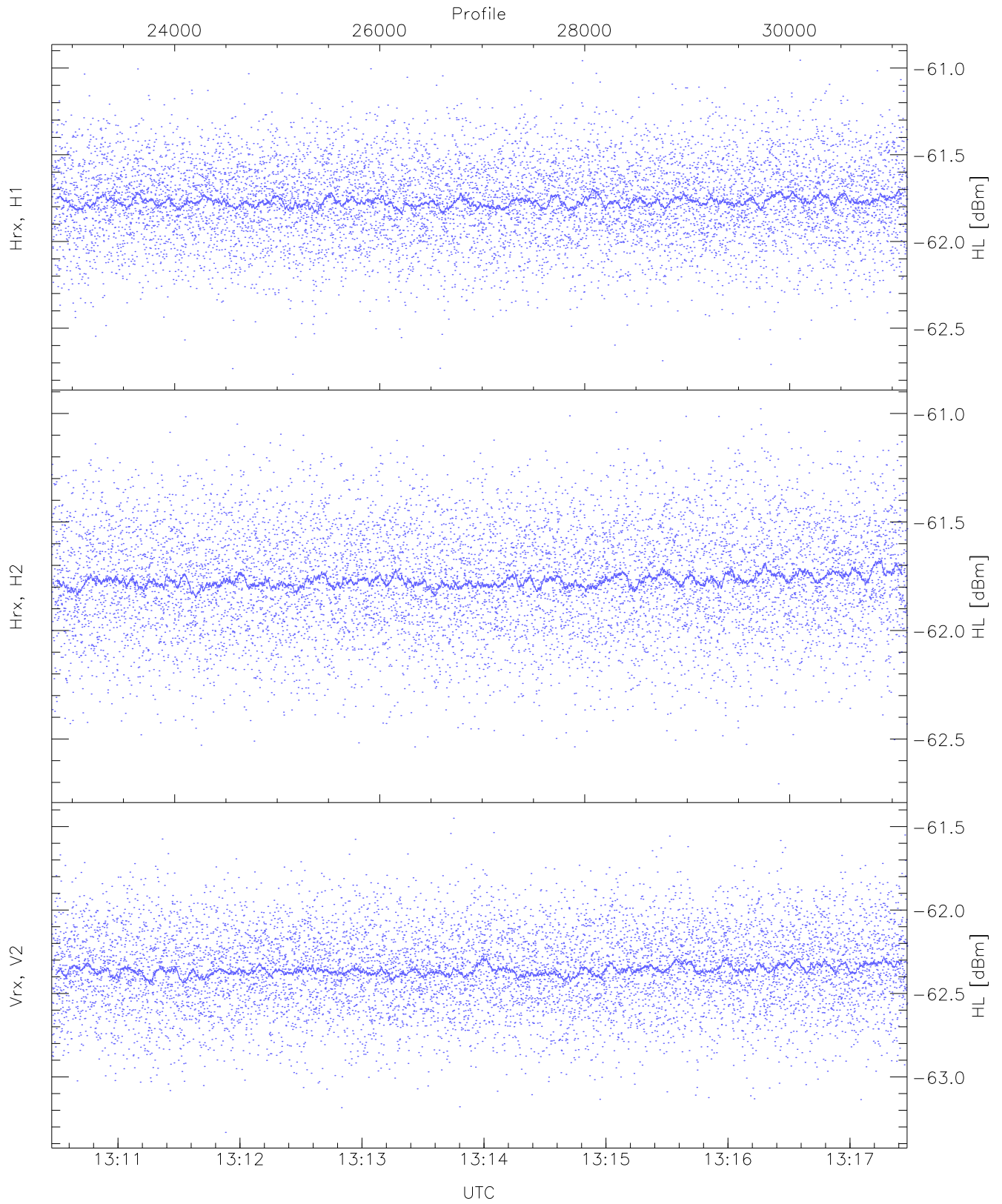
### WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 705 pixs, 4 gates, 705 profs, 1 prods



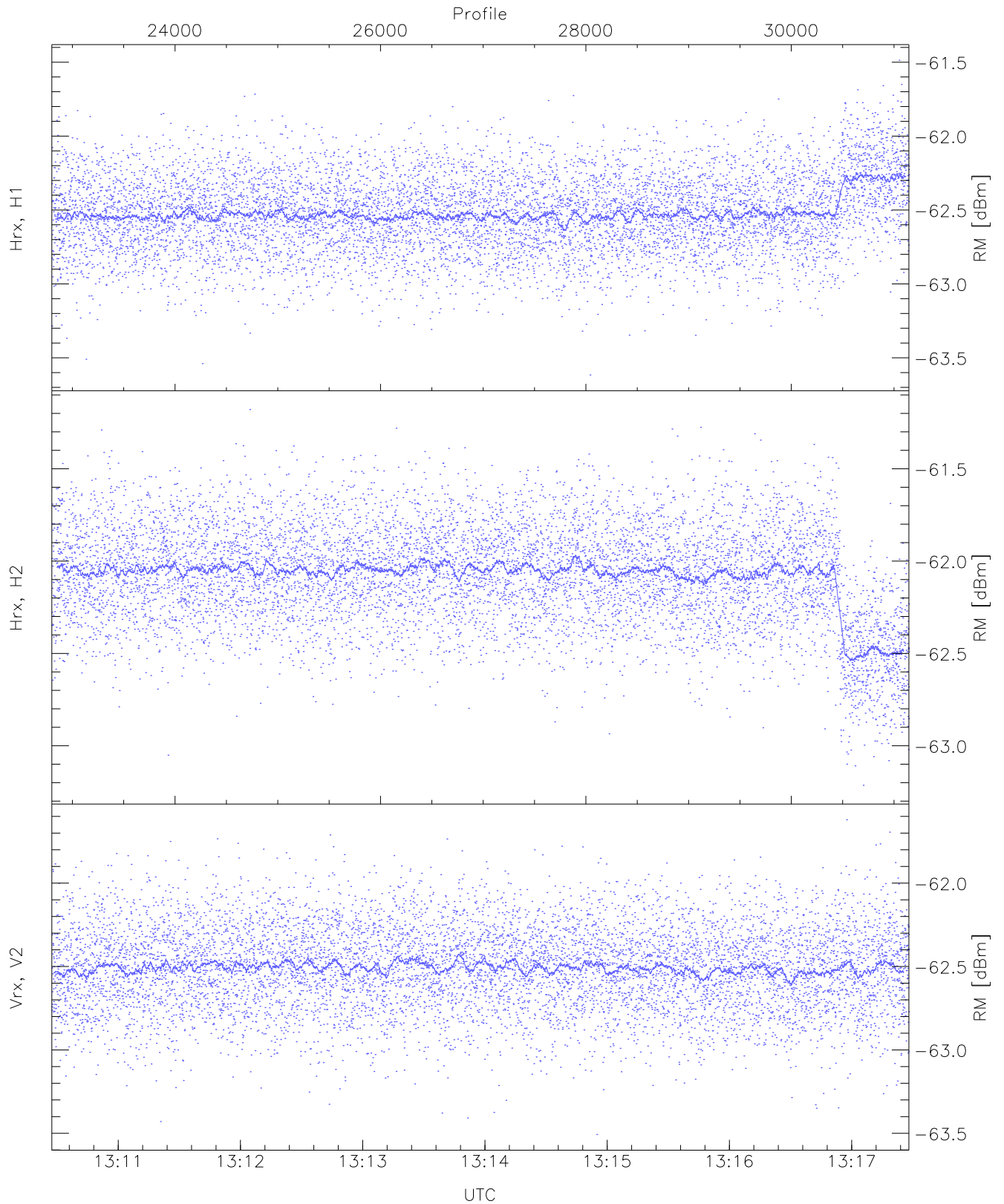
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-62.83	-61.12	-61.99	-62.00	-74.56
Hrx, H2(WL [dBm])	-62.93	-61.15	-61.99	-61.99	-74.57
Vrx, V2(WL [dBm])	-63.55	-61.64	-62.56	-62.56	-75.08



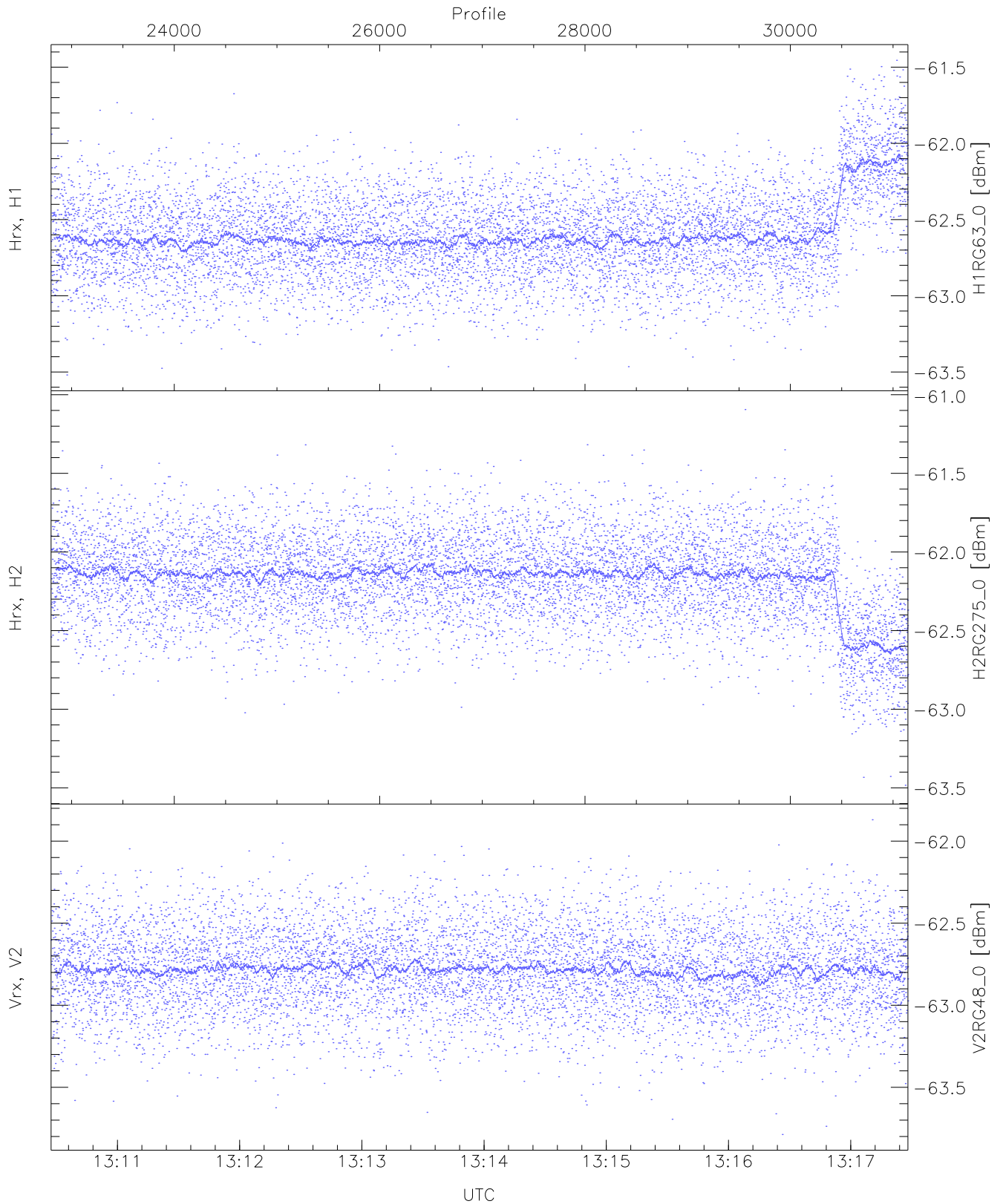
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.77	-60.95	-61.77	-61.77	-74.44
Hrx, H2 (HL [dBm])	-62.71	-60.98	-61.76	-61.77	-74.32
Vrx, V2 (HL [dBm])	-63.33	-61.45	-62.35	-62.36	-74.88



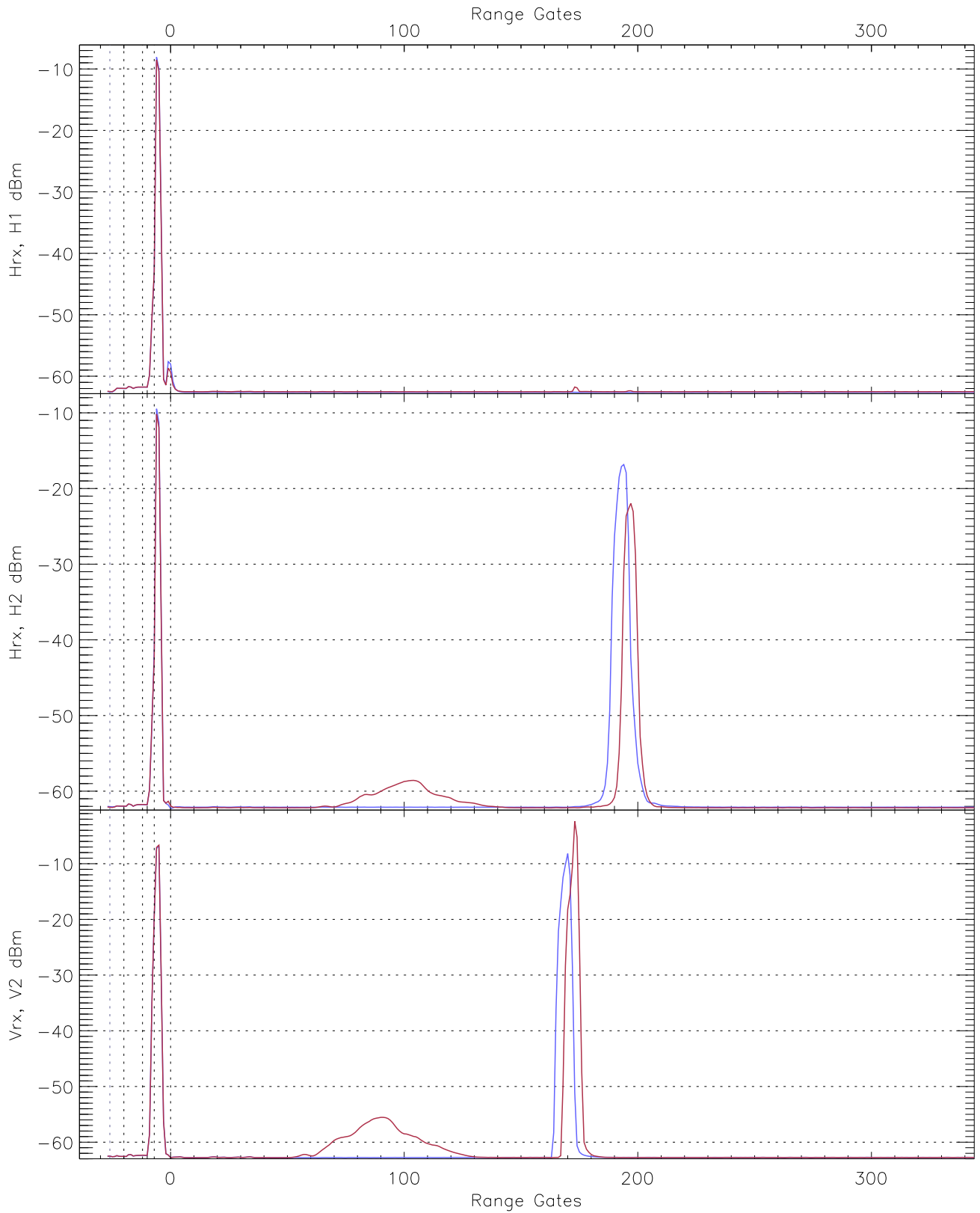
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-63.62	-61.49	-62.51	-62.52	-74.86
Hrx, H2 (RM [dBm])	-63.21	-61.18	-62.08	-62.07	-74.20
Vrx, V2 (RM [dBm])	-63.51	-61.62	-62.50	-62.50	-75.02



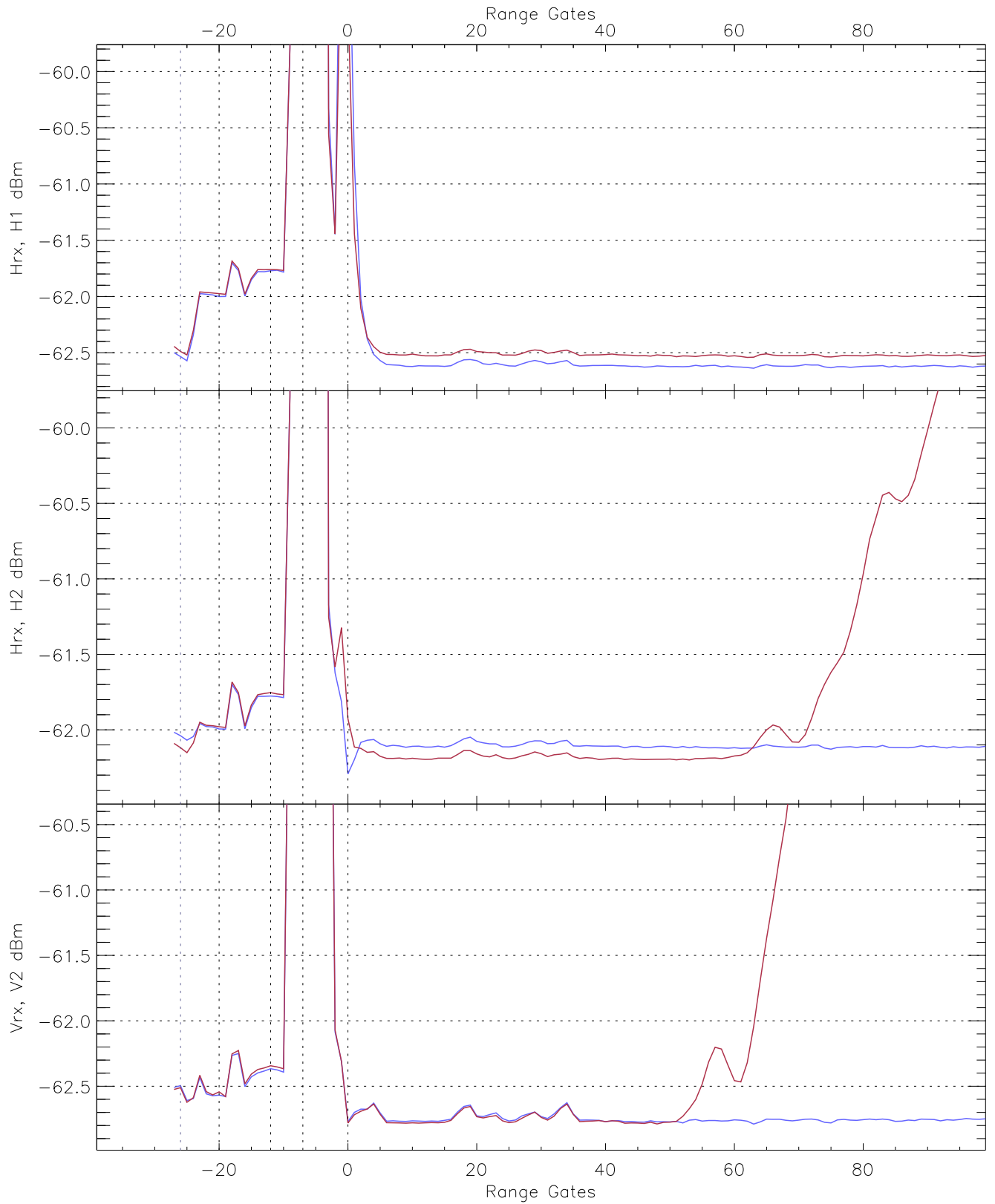
WCR2 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG63_0 [dBm]	-63.52	-61.45	-62.59	-62.61	-74.47
H2RG275_0 [dBm]	-63.48	-61.09	-62.17	-62.16	-74.23
V2RG48_0 [dBm]	-63.79	-61.87	-62.78	-62.78	-75.36

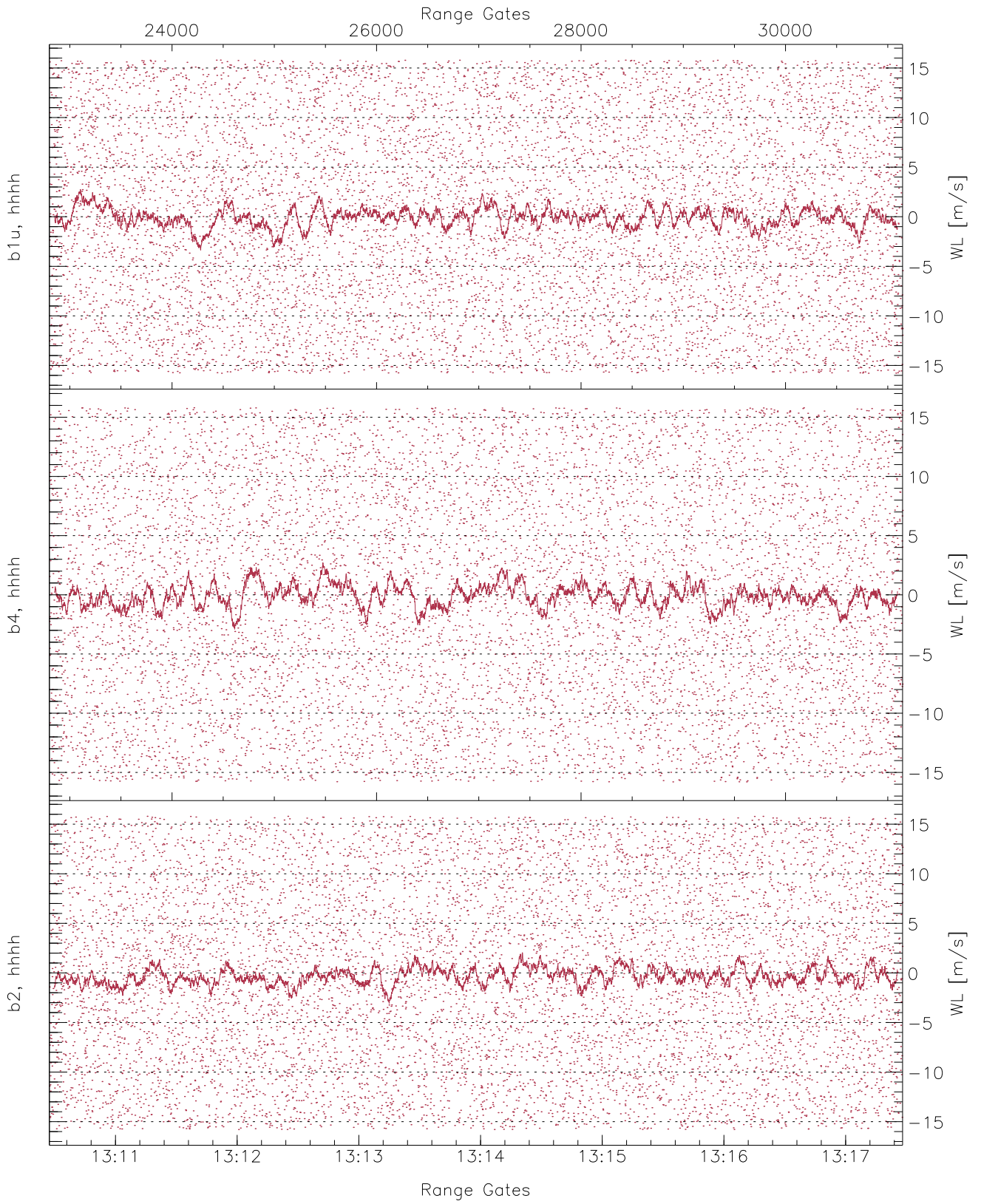


WCR2 CPP Averaged Received power for all recorded gates  
blue: 131027-131358, 4174 profiles averaged  
red: 131358-131728, 4173 profiles averaged

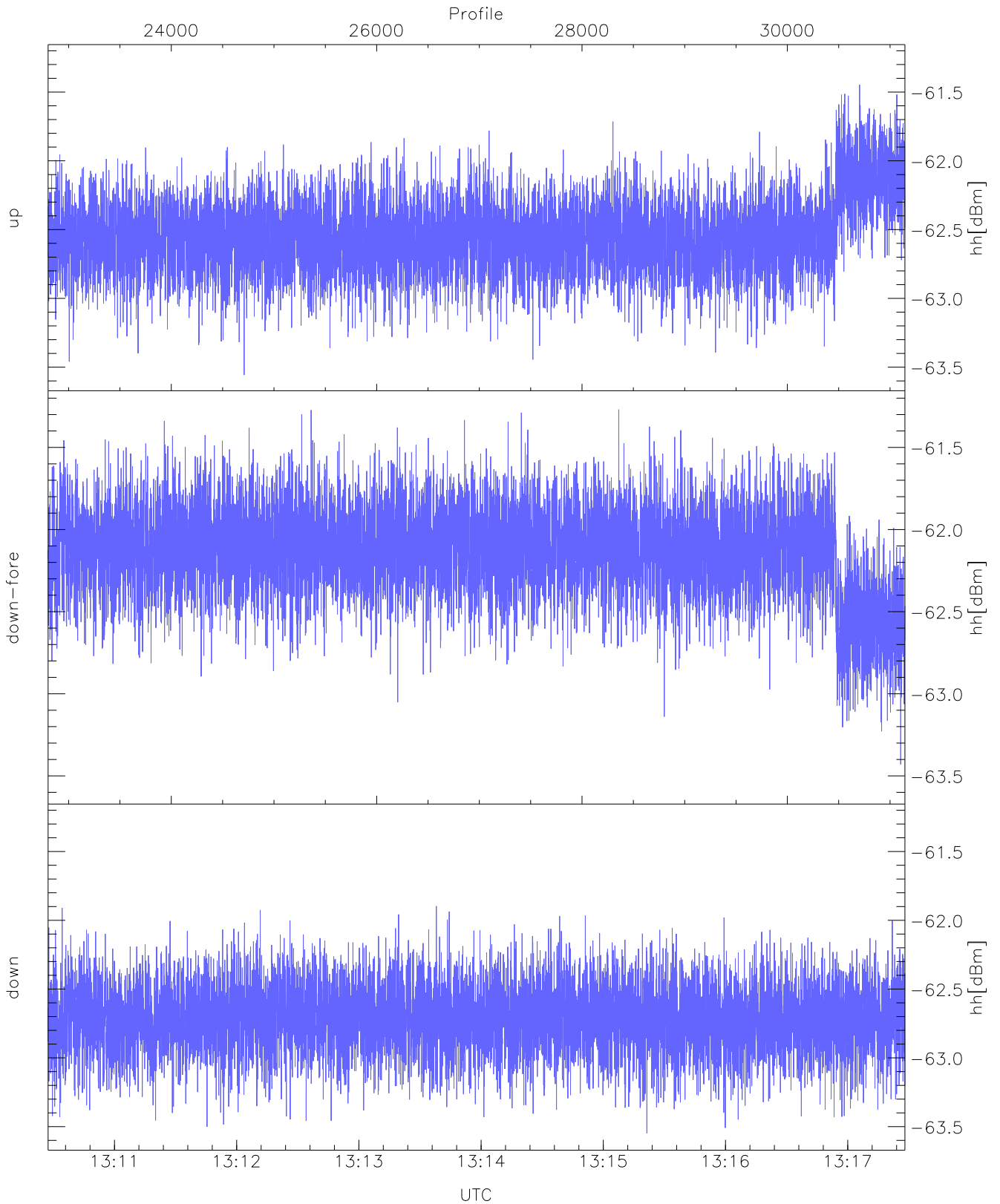




WCR2 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 131027-131358, 4174 profiles averaged  
red: 131358-131728, 4173 profiles averaged

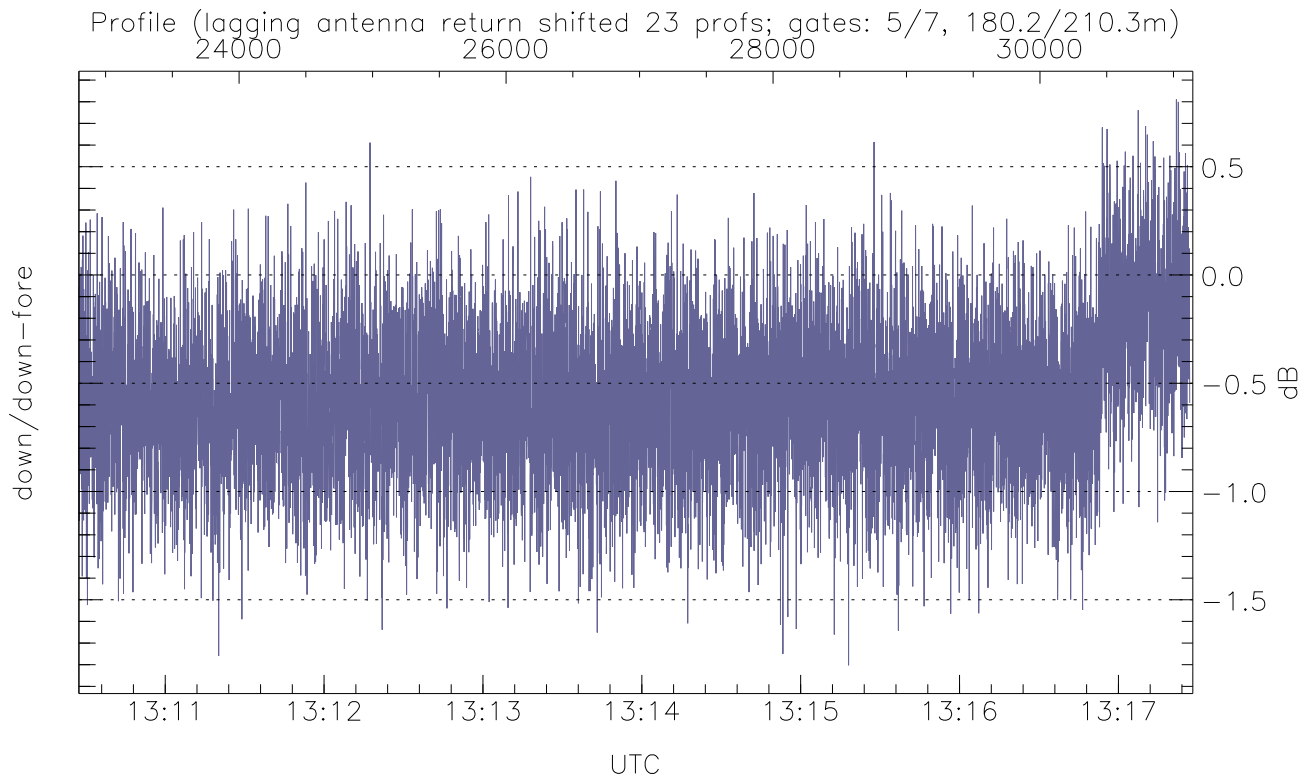
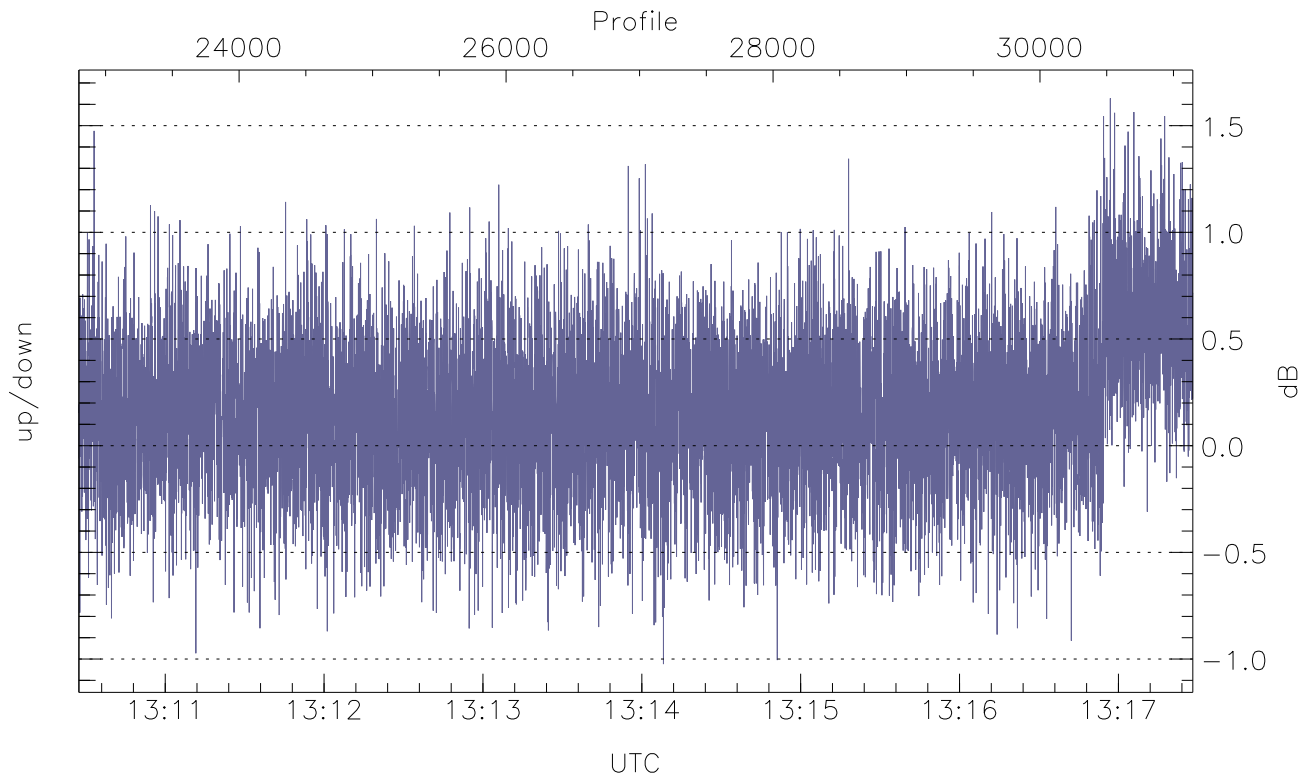


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



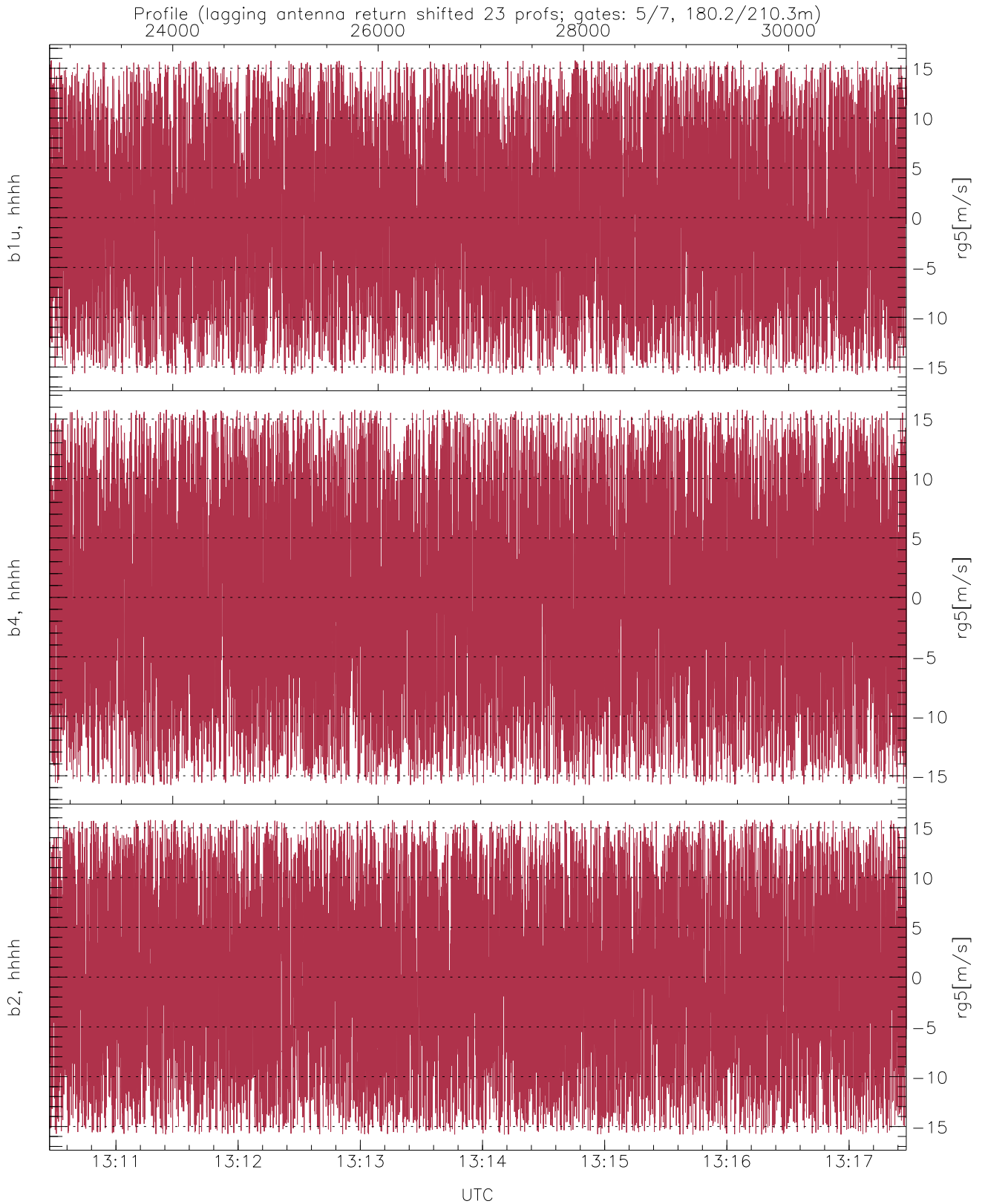
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh[dBm])	-63.56	-61.45	-62.53
down-fore(hh[dBm])	-63.43	-61.27	-62.13
down(hh[dBm])	-63.55	-61.90	-62.71



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

	Min	Max	Mean
up/down (dB)	-1.02	1.63	0.17
down/down-fore (dB)	-1.80	0.81	-0.56



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.80	15.79	-0.13	8.72
b4, hhhh(rg5[m/s])	-15.80	15.79	-0.16	9.02
b2, hhhh(rg5[m/s])	-15.80	15.79	-0.53	9.09