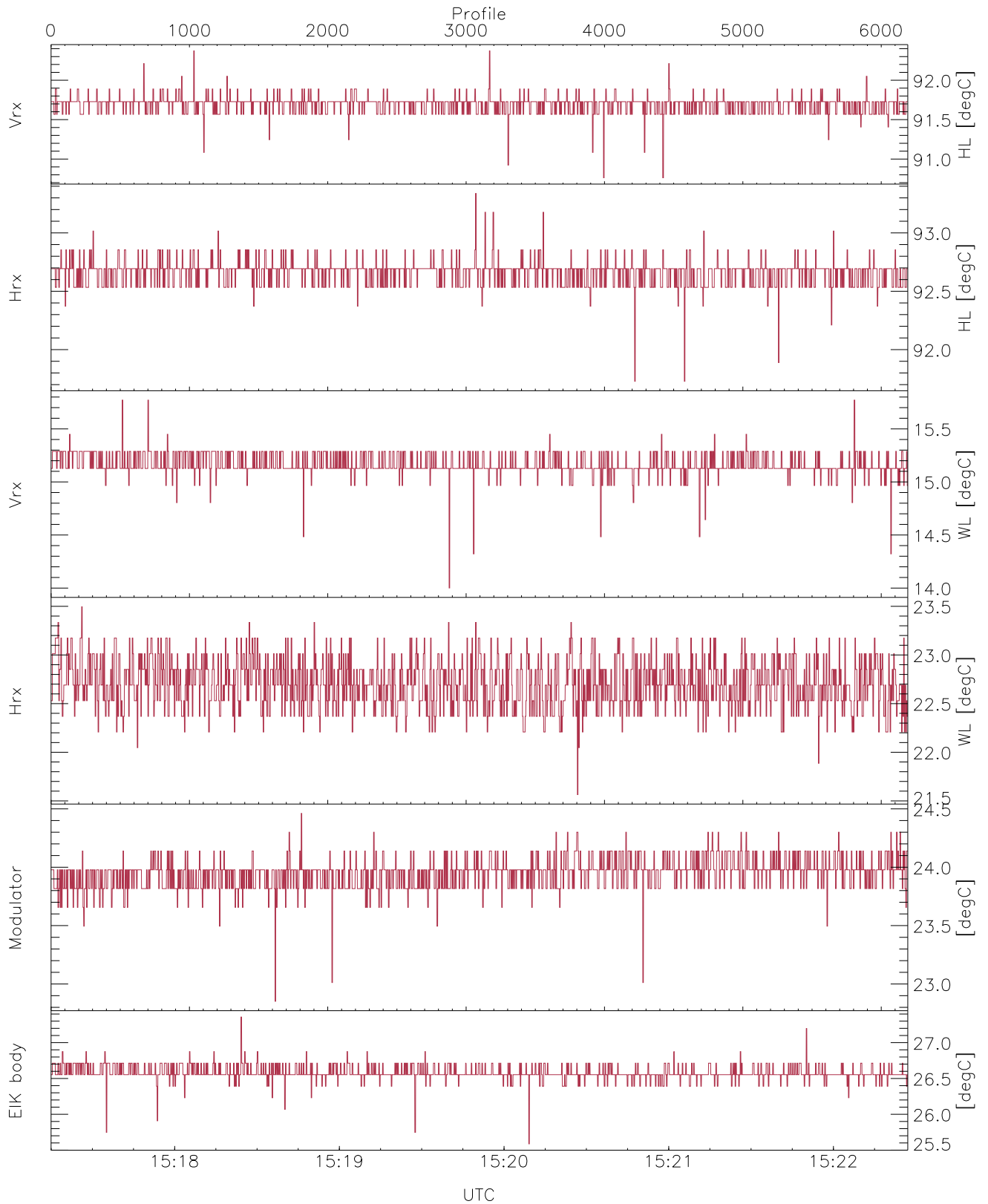


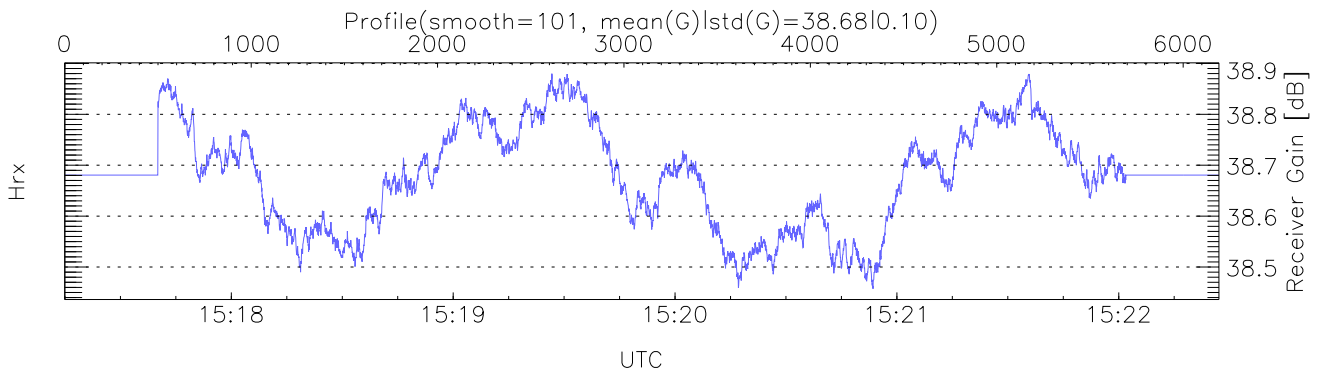
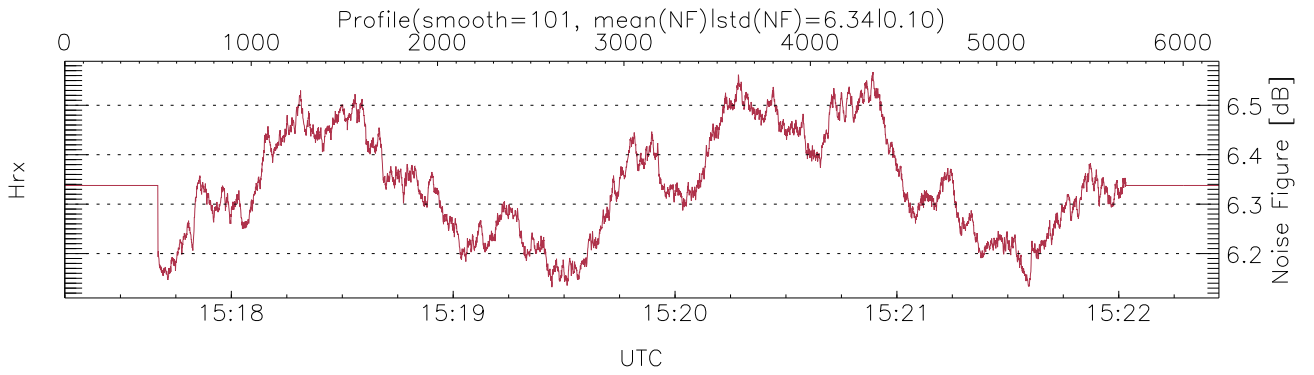
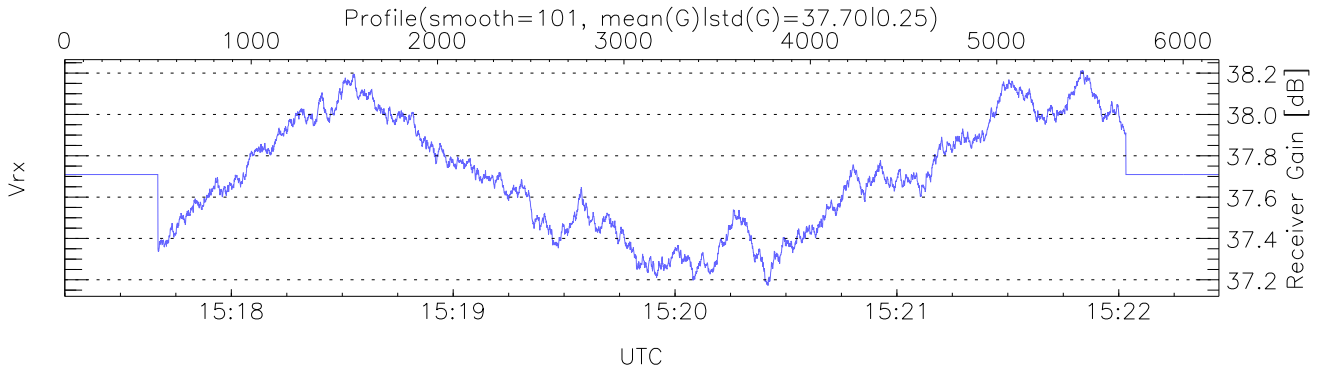
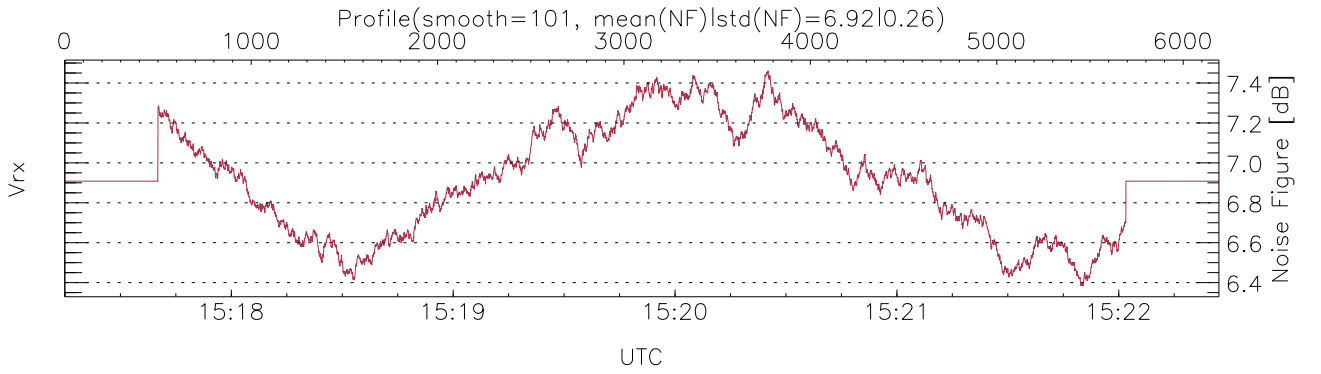
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 15:17:15-15:22:27, Dur: 312.15s  
 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): 6193/6193, 0-6192/15:17:15-15:22:27  
 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



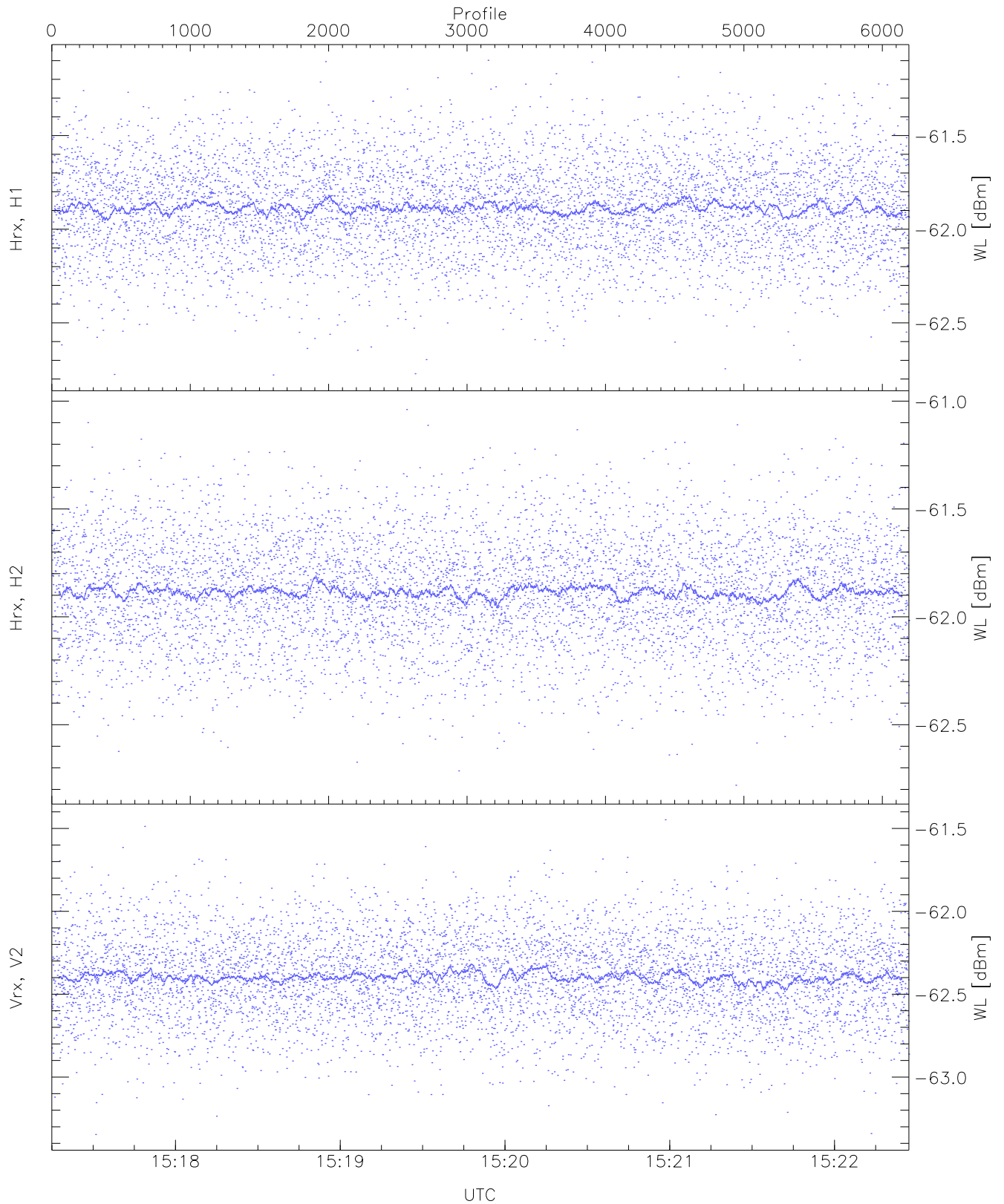
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,14,21,22,25  
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,15,23,24,27  
LOalarm(20,80,240,2.8,14.8 MHz): None  
EIK/Modulator Faults: None



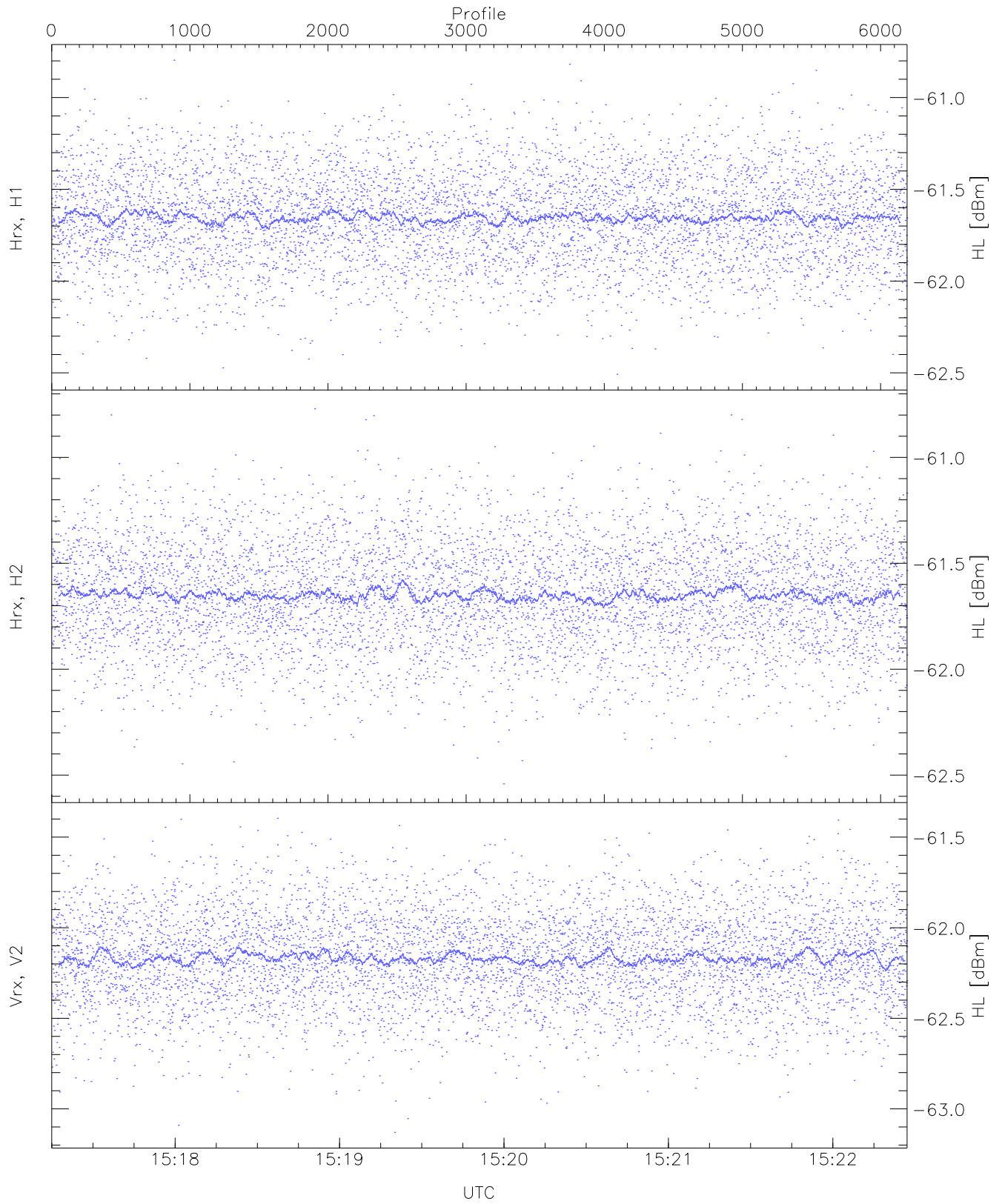
### WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 1582 pixs, 14 gates, 1562 profs, 1 prods



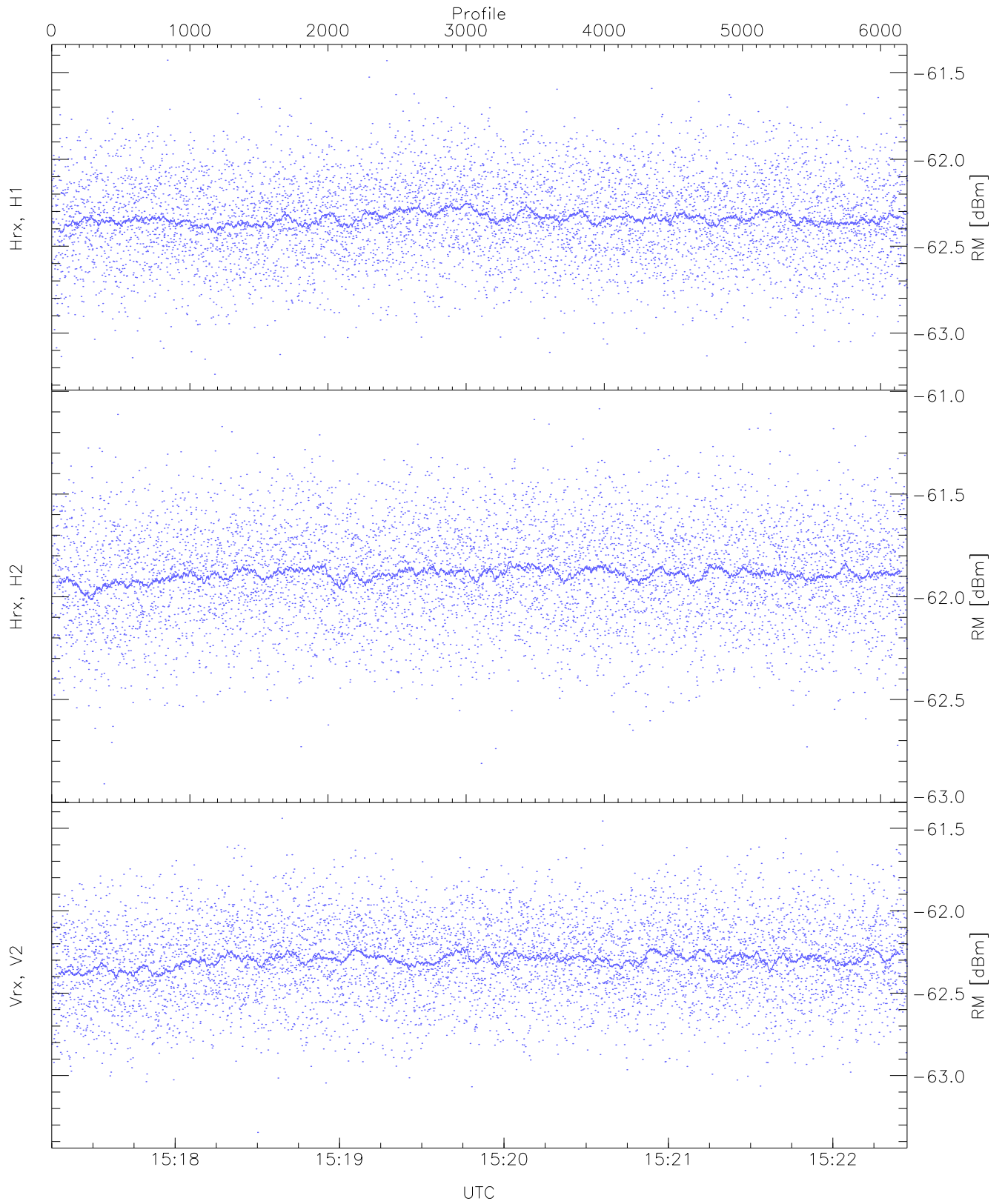
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-62.78	-61.10	-61.88	-61.88	-74.48
Hrx, H2 (WL [dBm])	-62.78	-61.04	-61.88	-61.88	-74.47
Vrx, V2 (WL [dBm])	-63.35	-61.45	-62.39	-62.40	-74.92



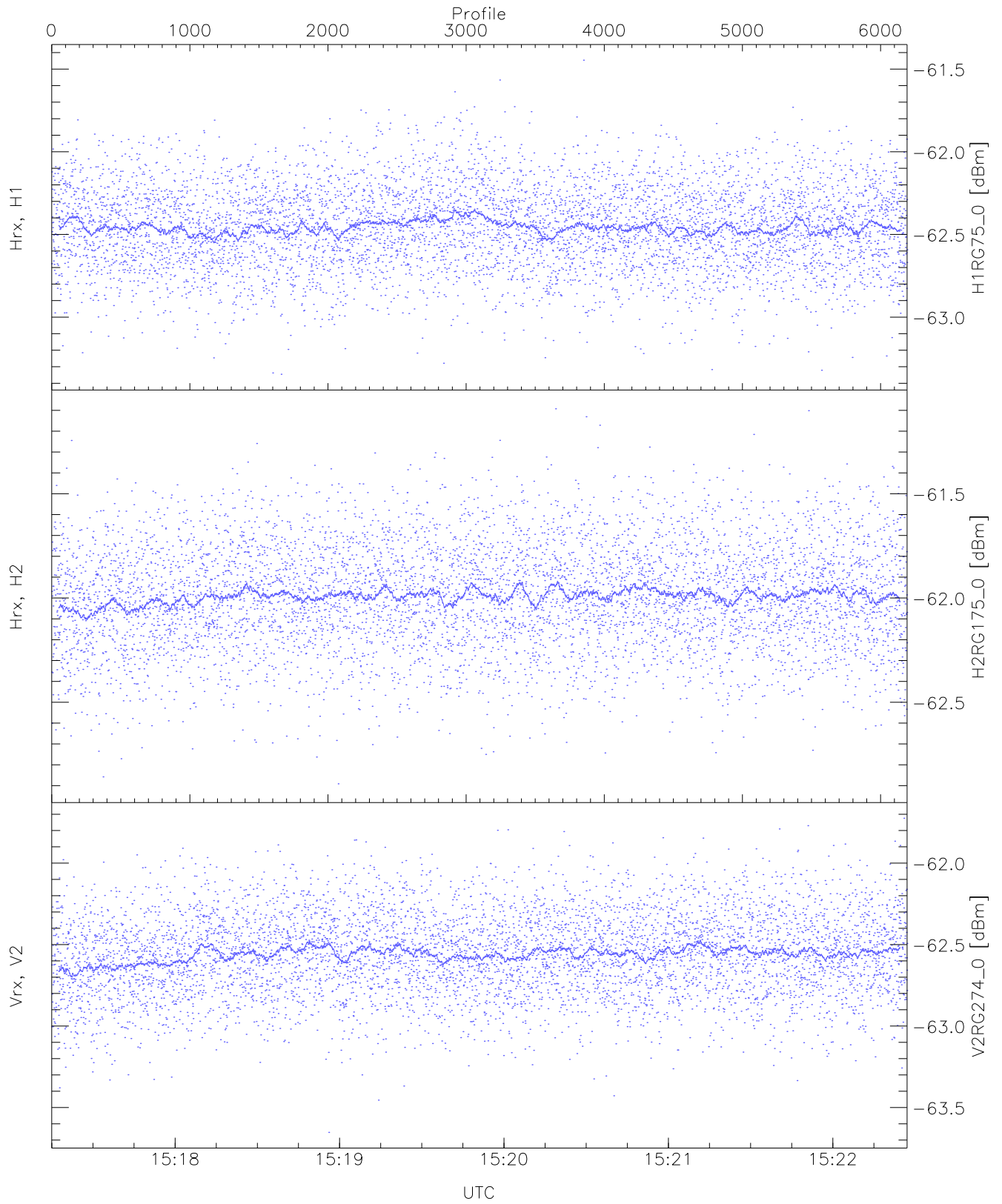
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.51	-60.80	-61.65	-61.65	-74.20
Hrx, H2 (HL [dBm])	-62.54	-60.77	-61.65	-61.65	-74.27
Vrx, V2 (HL [dBm])	-63.13	-61.40	-62.17	-62.17	-74.73



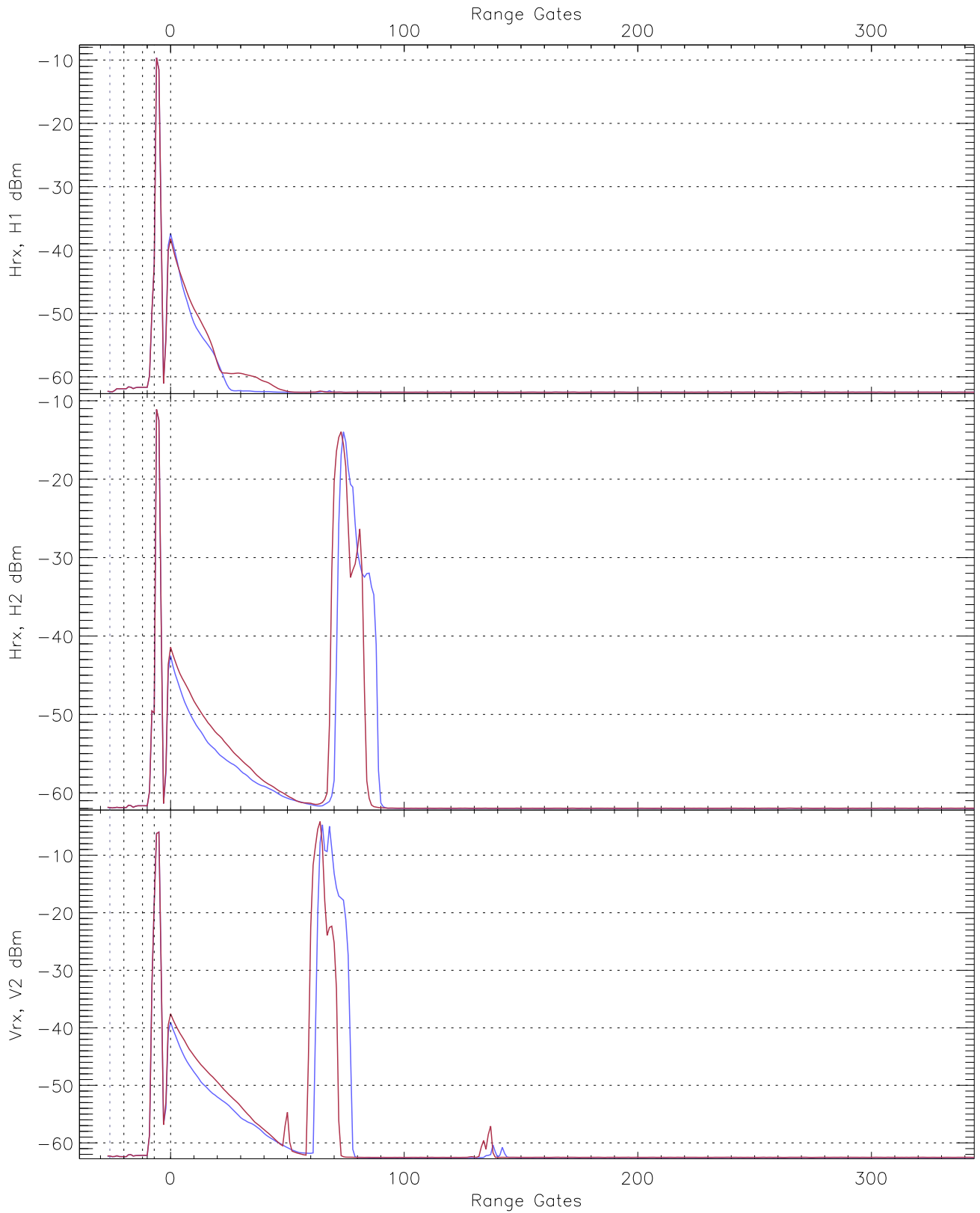
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-63.24	-61.43	-62.34	-62.34	-74.86
Hrx, H2 (RM [dBm])	-62.91	-61.08	-61.89	-61.89	-74.49
Vrx, V2 (RM [dBm])	-63.34	-61.44	-62.29	-62.30	-74.82



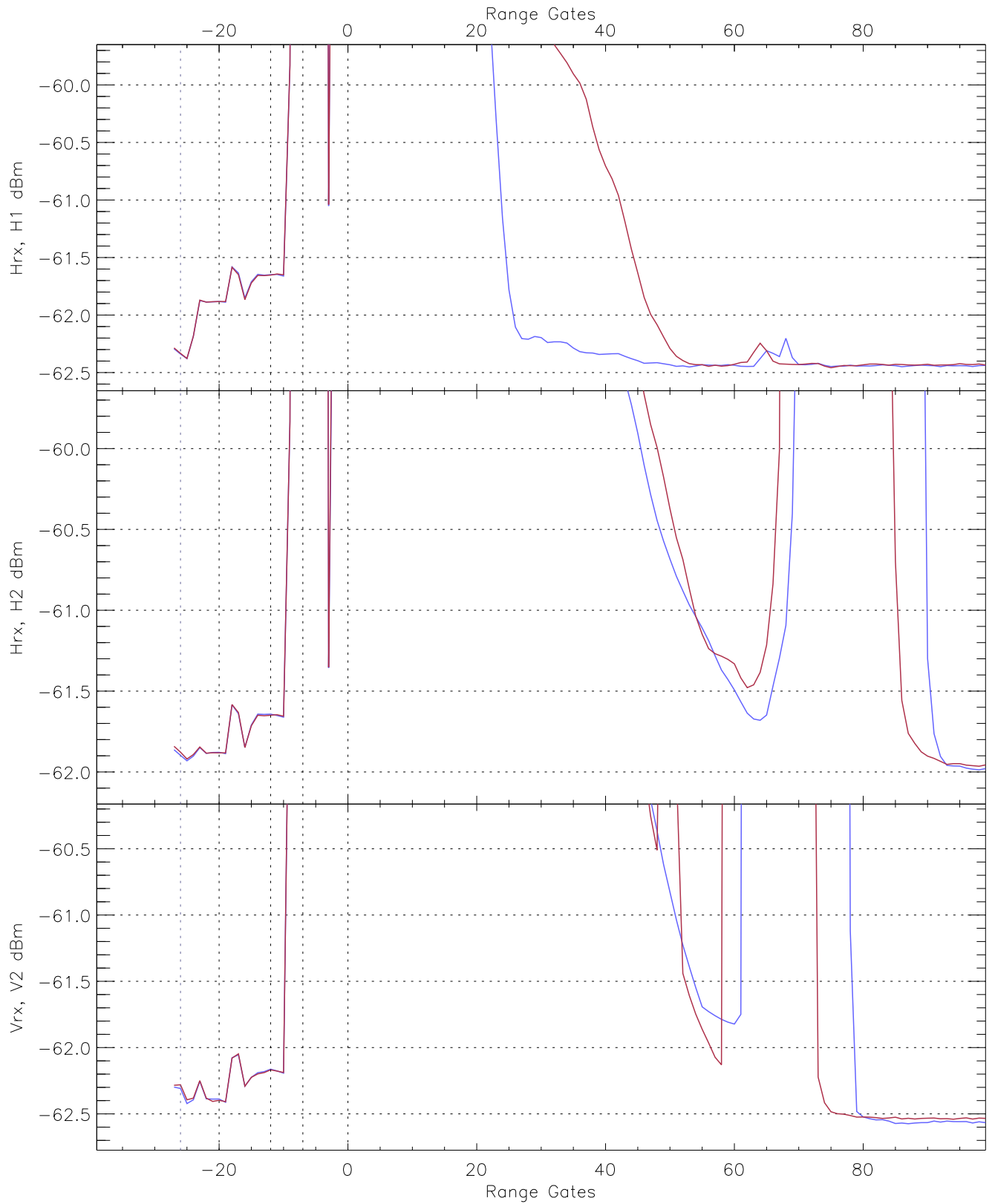
WCR2 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG75_0 [dBm]	-63.35	-61.45	-62.45	-62.46	-74.97
H2RG175_0 [dBm]	-62.89	-61.09	-61.99	-62.00	-74.50
V2RG274_0 [dBm]	-63.65	-61.72	-62.56	-62.56	-75.05

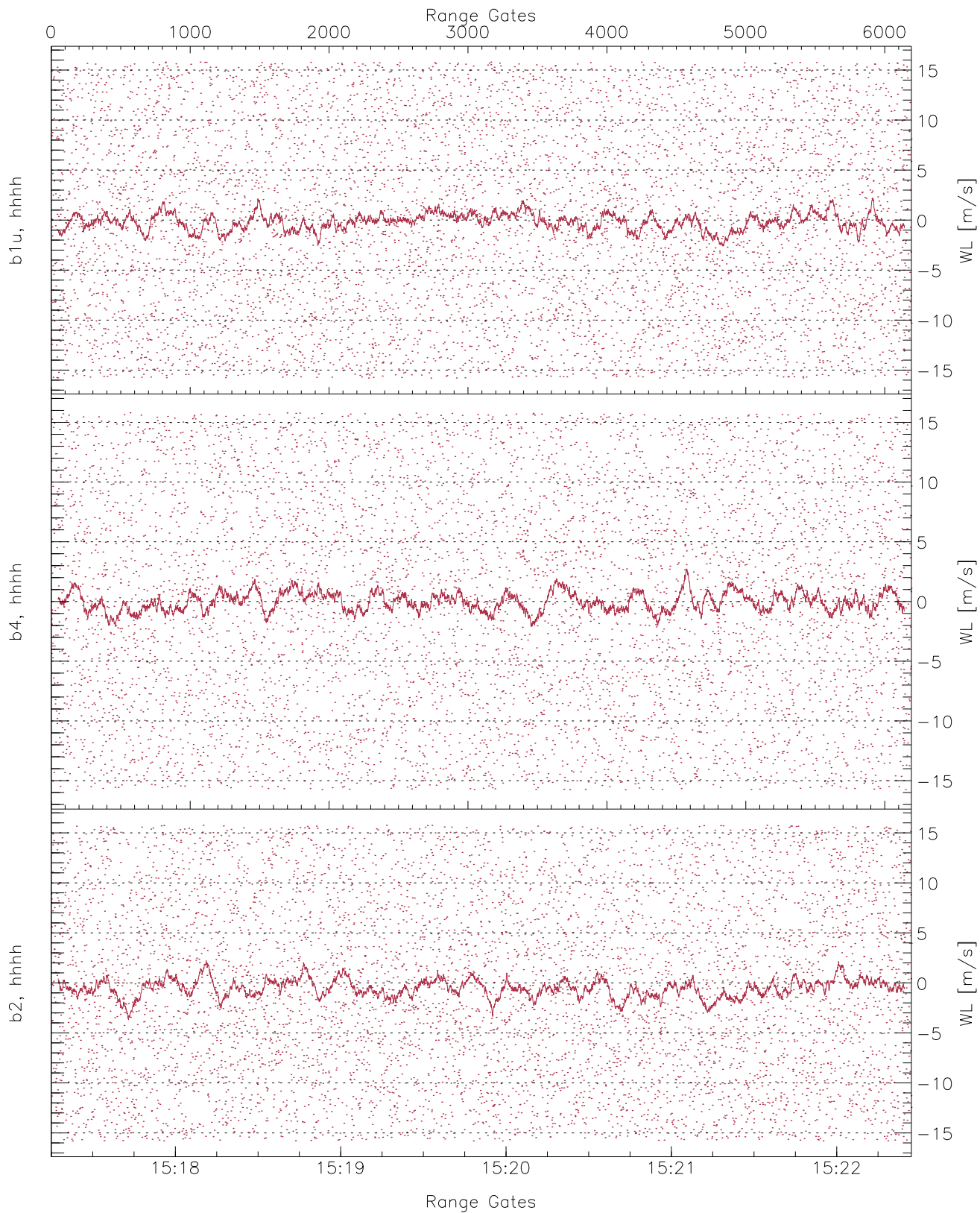


WCR2 CPP Averaged Received power for all recorded gates  
blue: 151715-151951, 3097 profiles averaged  
red: 151951-152227, 3097 profiles averaged

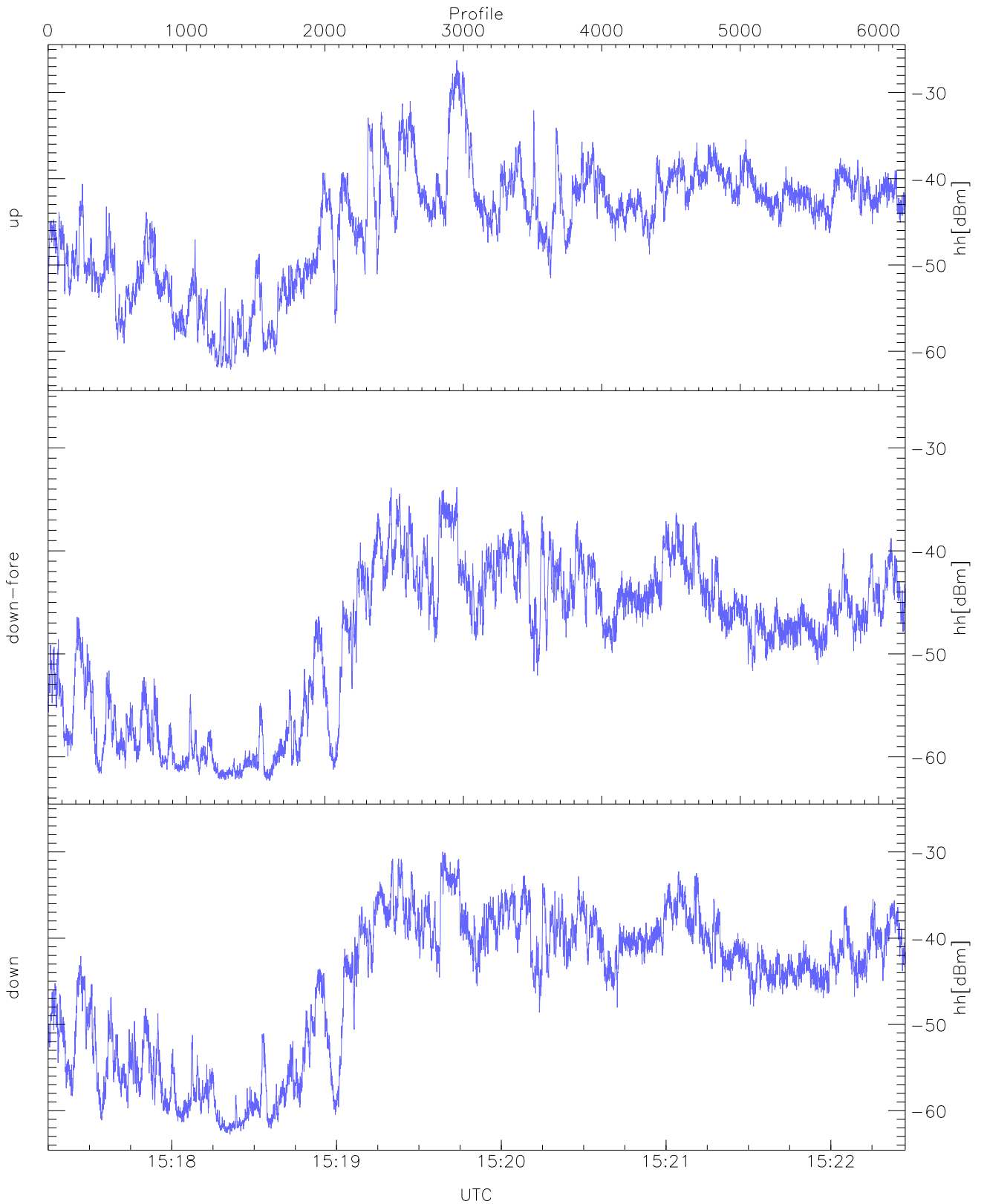




WCR2 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 151715-151951, 3097 profiles averaged  
red: 151951-152227, 3097 profiles averaged

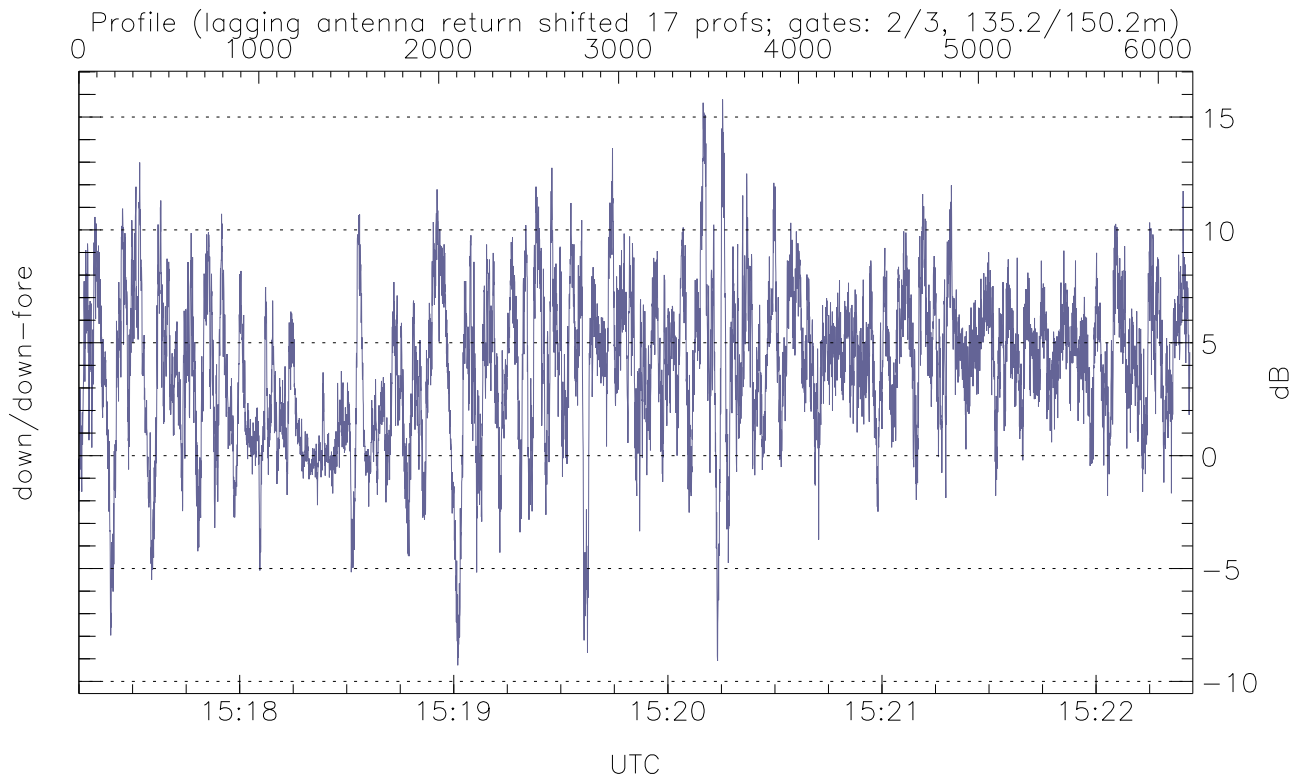
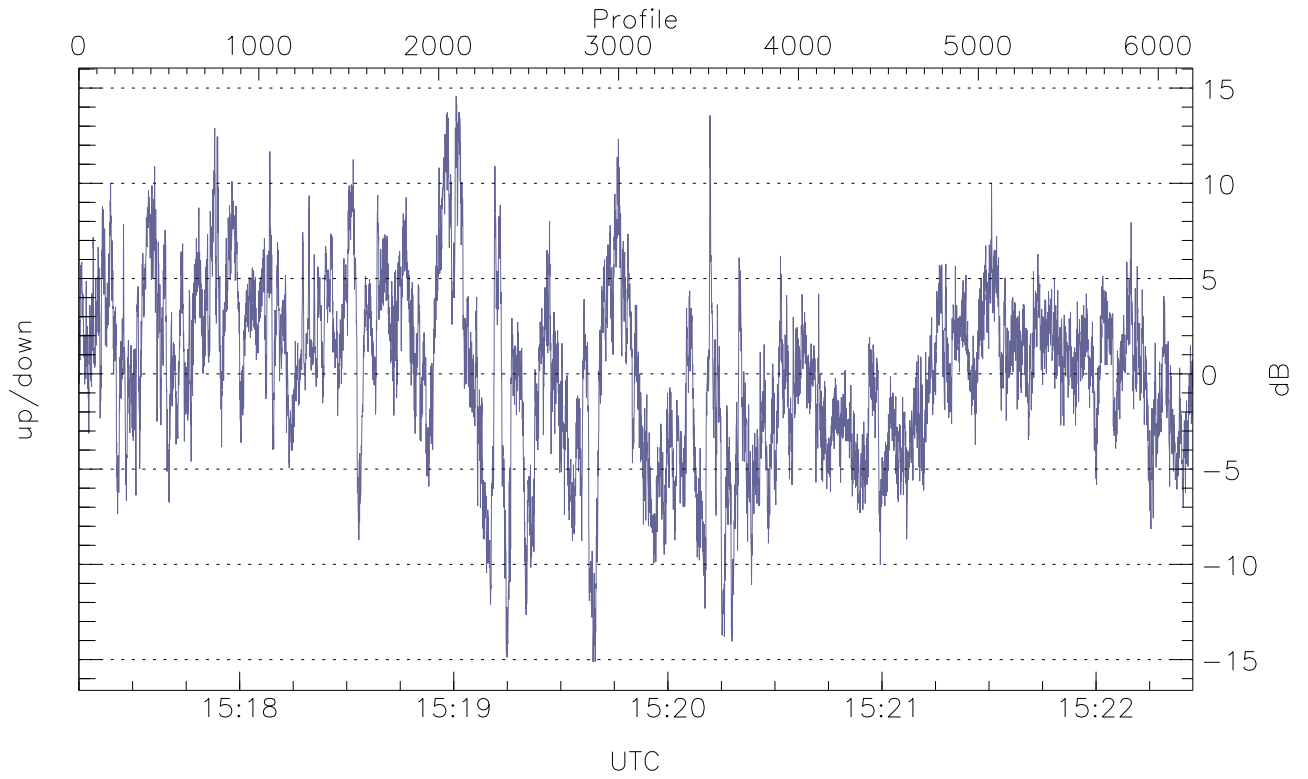


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



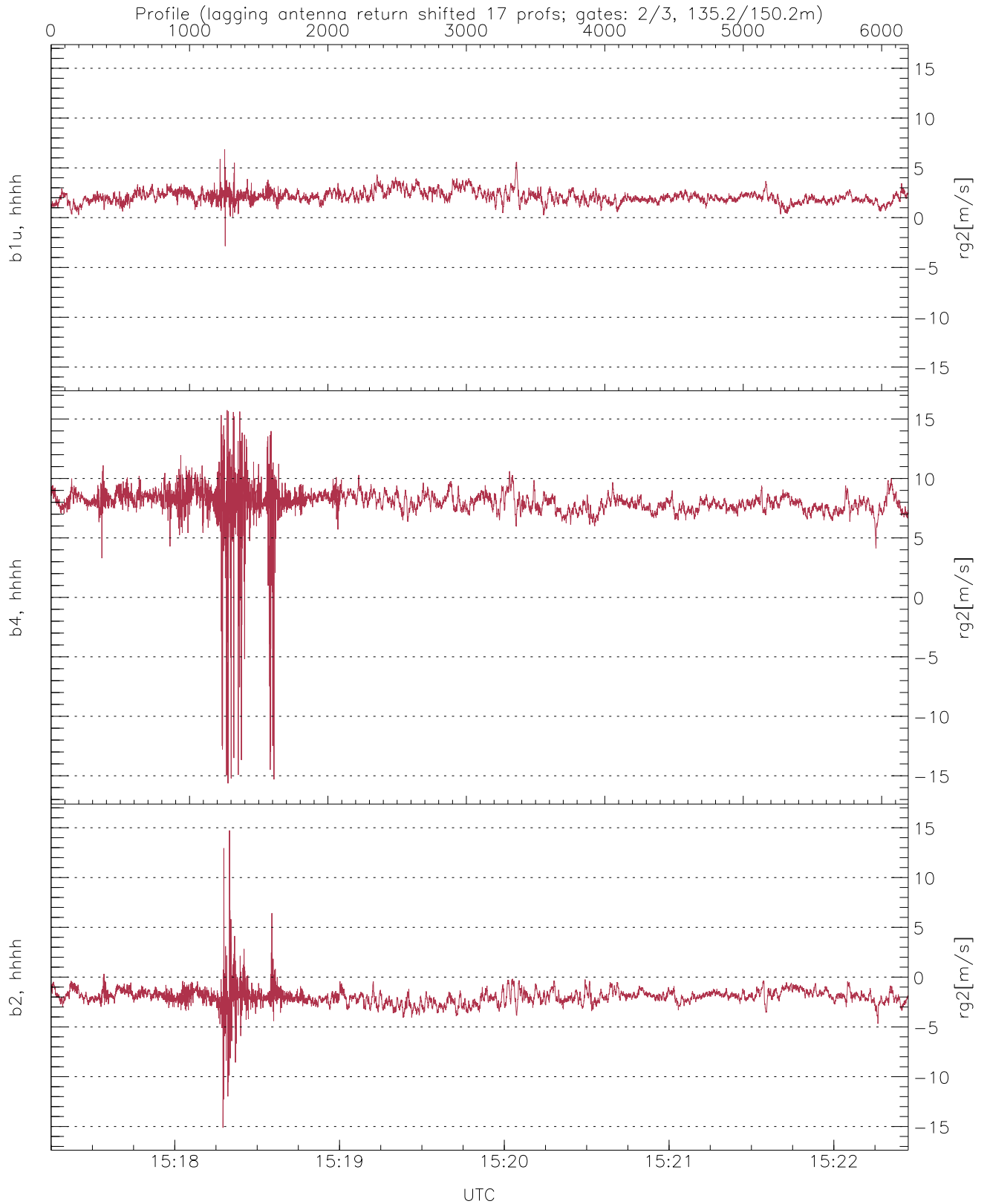
WCR2 CPP Received Power Products for Range gate 2 (135.2 m)

	Min	Max	Mean
up(hh [dBm])	-62.14	-26.27	-40.76
down-fore(hh [dBm])	-62.31	-33.82	-43.98
down(hh [dBm])	-62.76	-29.98	-40.22



WCR2 Beam pairs Received Power Ratio(s); RangeGate: 2 (135 m)

	Min	Max	Mean
up/down (dB)	-15.13	14.57	0.14
down/down-fore (dB)	-9.29	15.78	3.91



WCR2 CPP Doppler Velocity Products at 135.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg2[m/s])	-2.86	6.85	2.10	0.62
b4, hhhh(rg2[m/s])	-15.64	15.74	7.93	1.61
b2, hhhh(rg2[m/s])	-15.12	14.73	-1.99	0.89