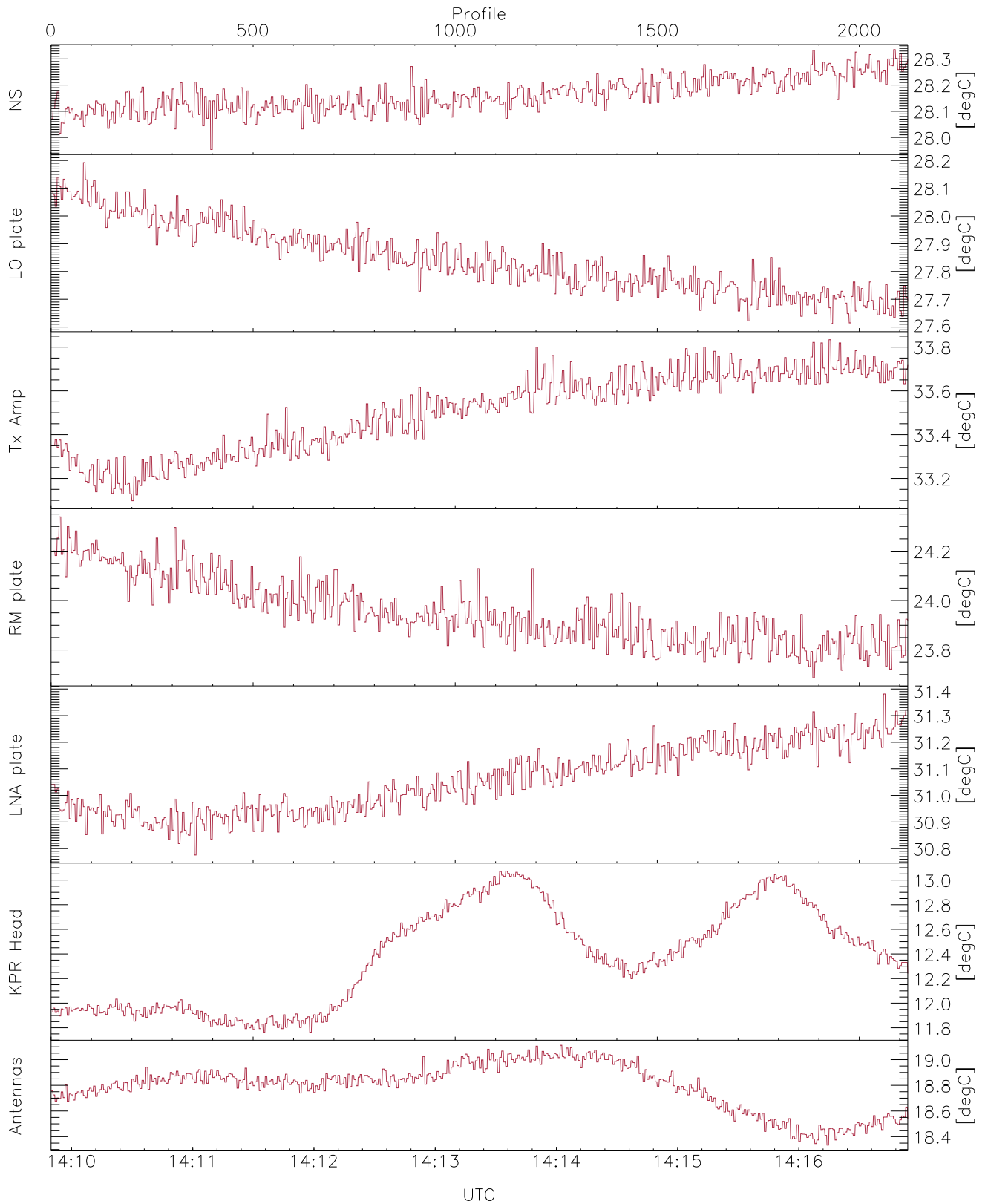


KPR SPP; Ant(s): UP; Radiometer: OFF
 UTC: 14:09:50-14:16:54, TimeCor: 0.00s, Dur: 424.05s
 TimeInt(min,max,mn,std): 188.4,211.7,200.0,0.4 ms; PPS: 5.0
 NumRec(r/t): 2121/2121, 0-2120/14:09:50-14:16:54
 AcqTime(req,actual): 200.0,200.0 ms, Data Rate: 50.0 KB/s
 Pulse: 494 ns, Chirp: 4.94 us, DRxIF: 2.5 MHz
 PRF: 19.0 KHz, avgPulses: 3810, avgPP: 3809
 NyquistVel: 40.1 m/s, RangeRes:60.0 m
 Pulse Range(min,max): 166, 6492 m, Gates: 212
 Chirp Range(min,max): 1008, 6464 m, Gates: 183
 RangeGateSampling: 30.0 m, Aspect: 1.7

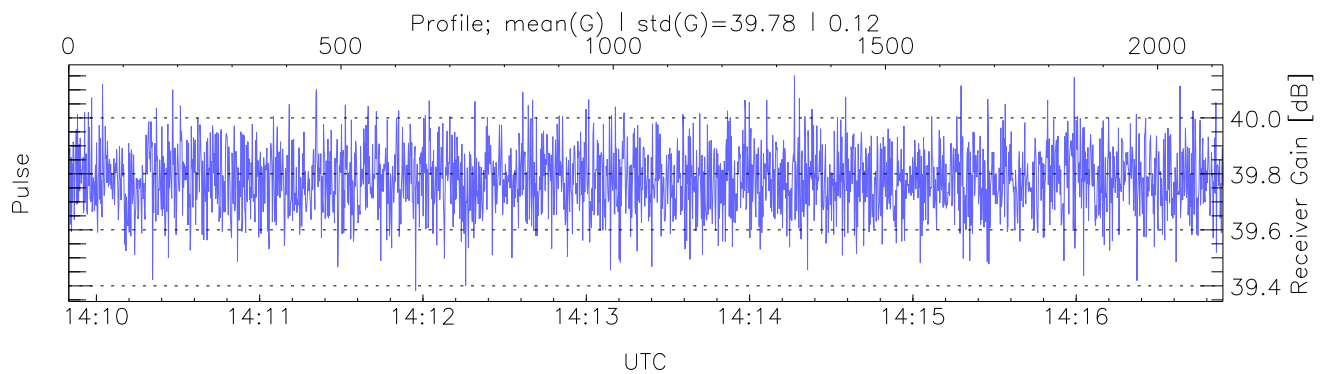
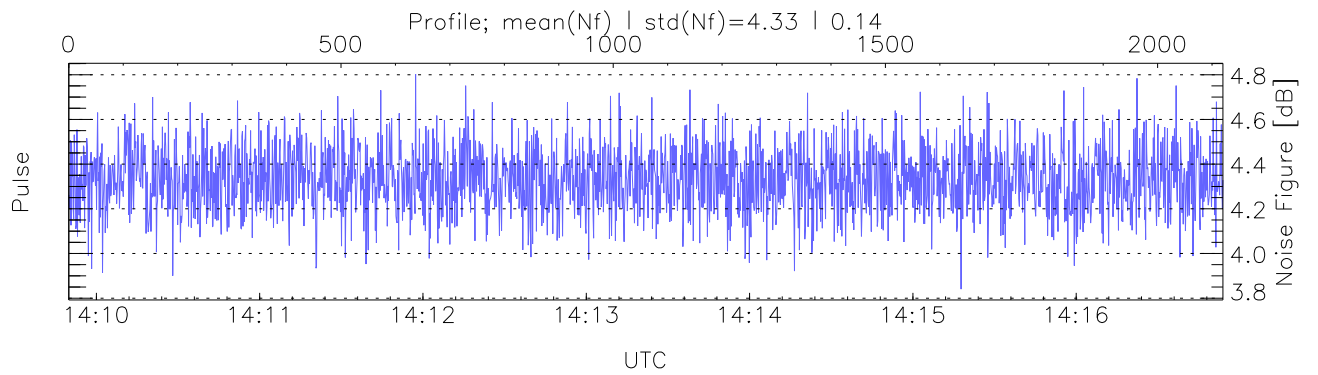
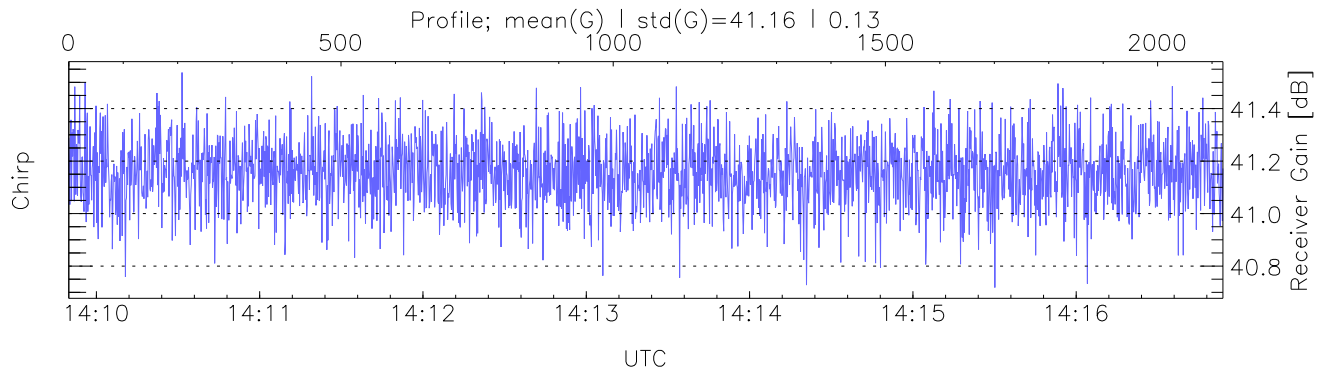
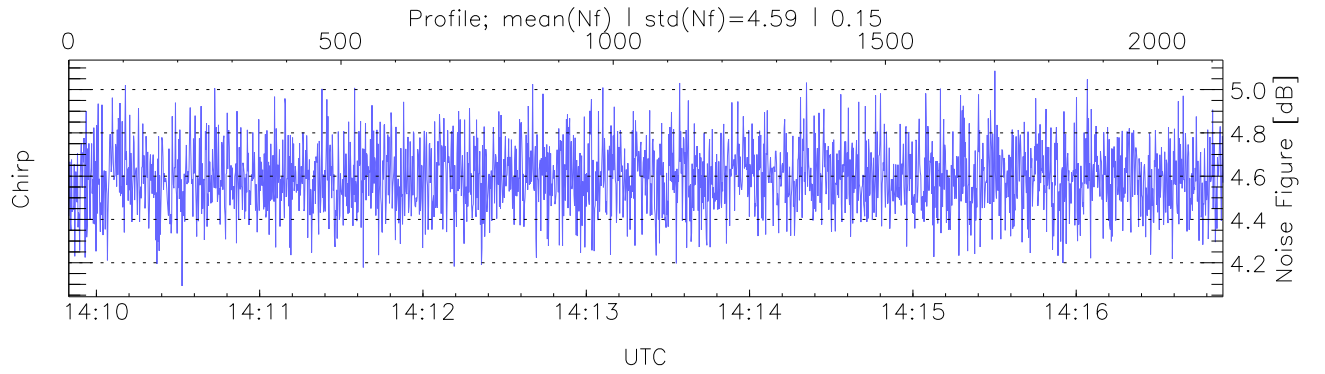


KPR SPP Temperatures, Power Supplies, PLO lock:

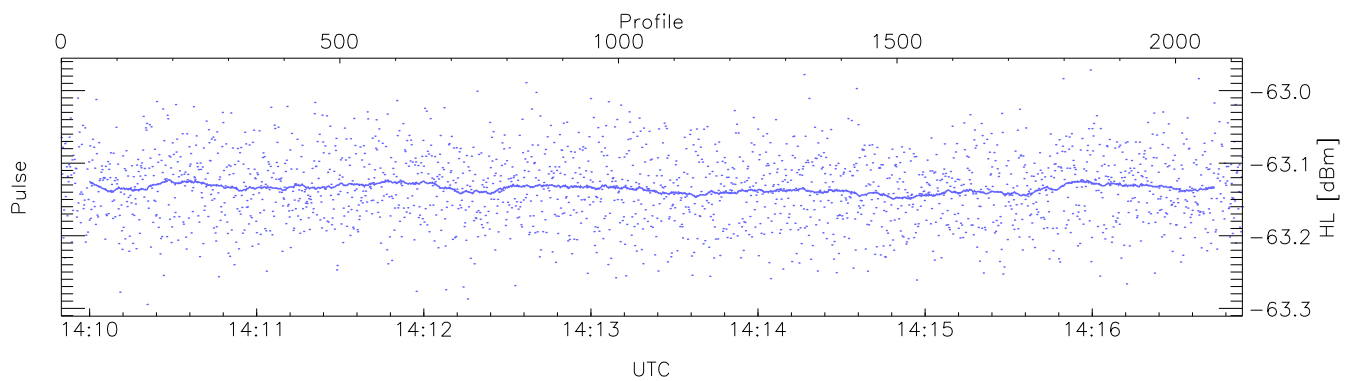
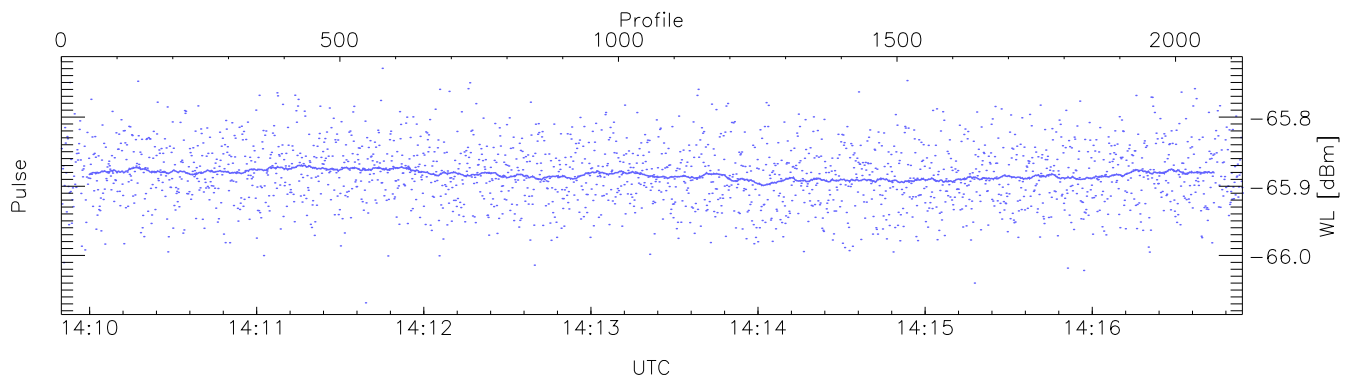
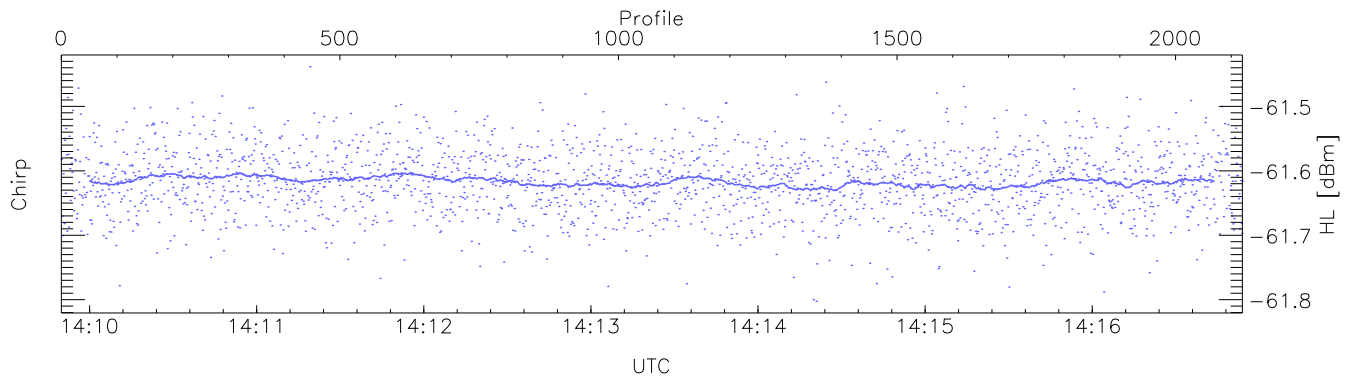
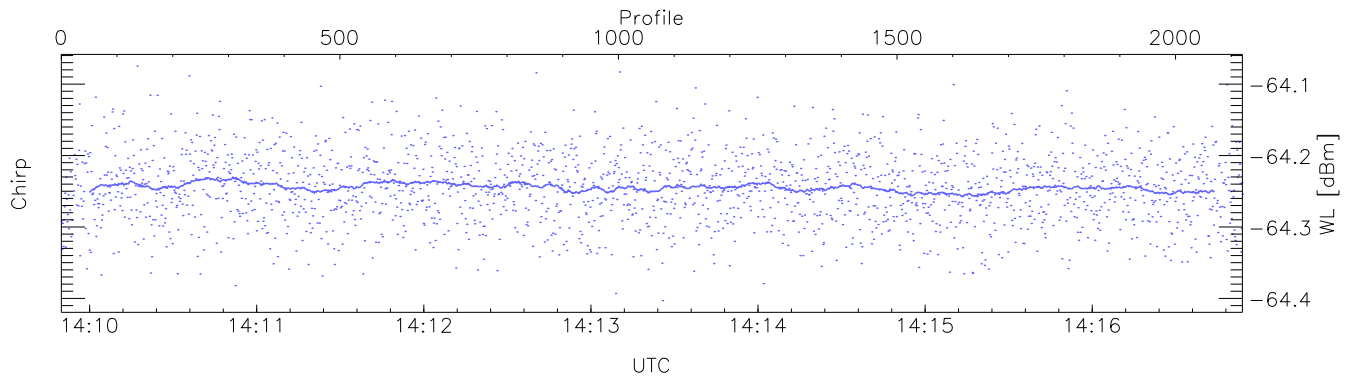
mintempC: 28.0, 27.6, 33.1, 23.7, 30.8, 11.8, 18.3
 maxtempC: 28.3, 28.2, 33.8, 24.3, 31.4, 13.1, 19.1

minVDC: 26.14, 11.70, 7.84, 5.21
 maxVDC: 27.59, 11.76, 7.87, 5.23

PLO(3.84,15.84 GHz) unlocked: None

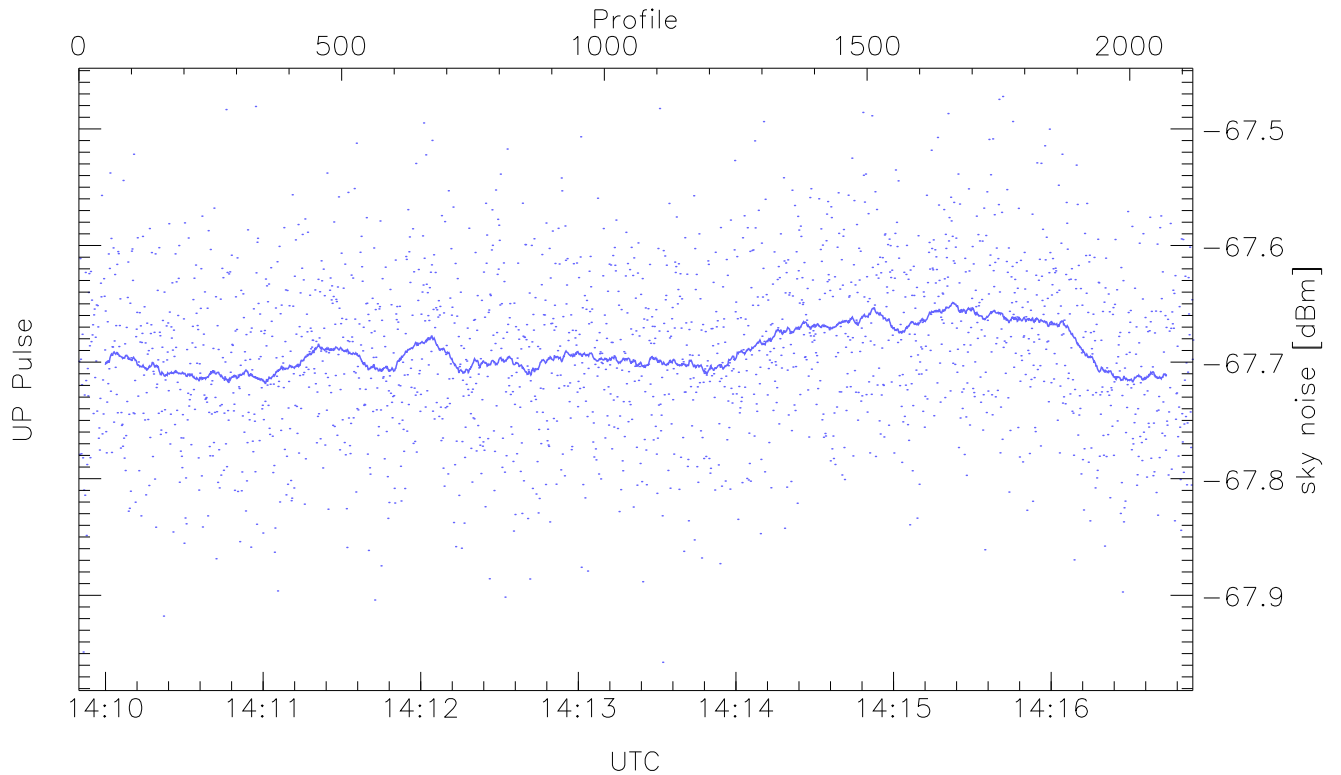
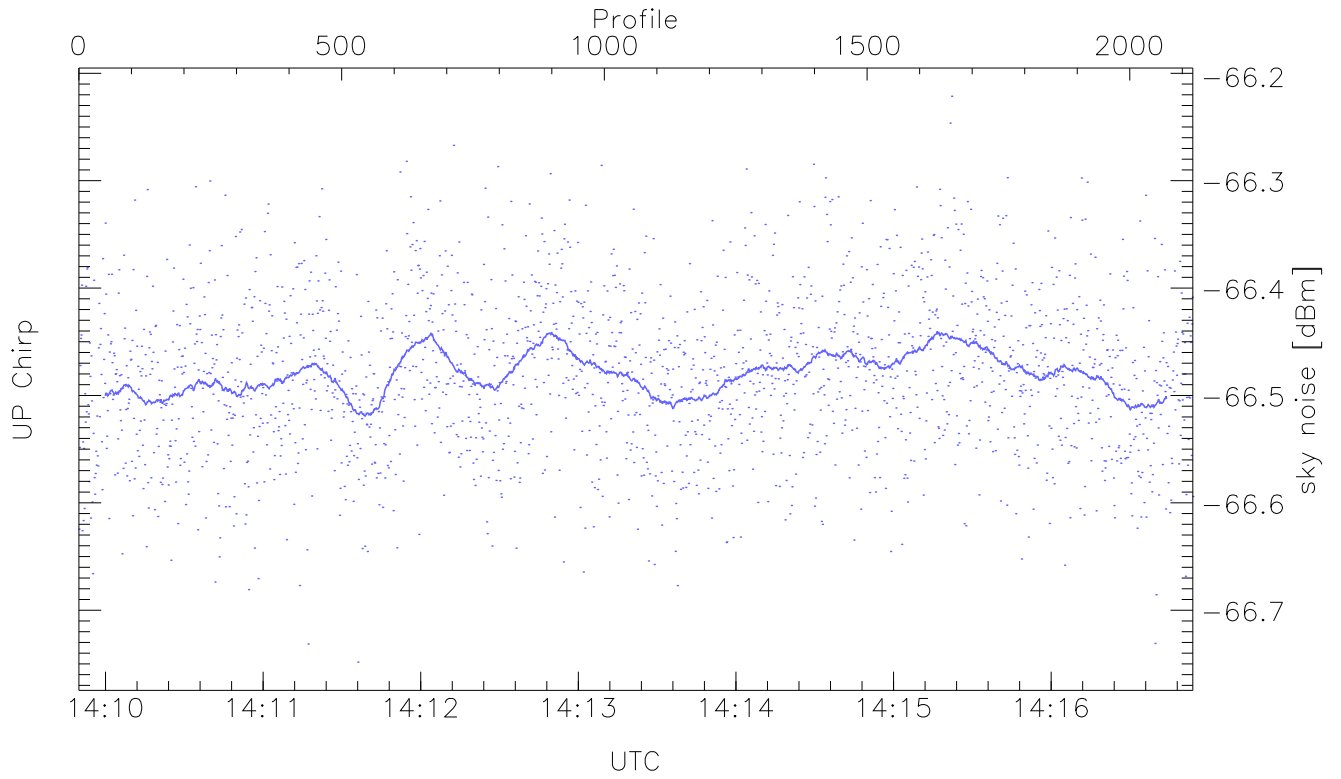


KPR SPP Receiver Gain and Noise Figure



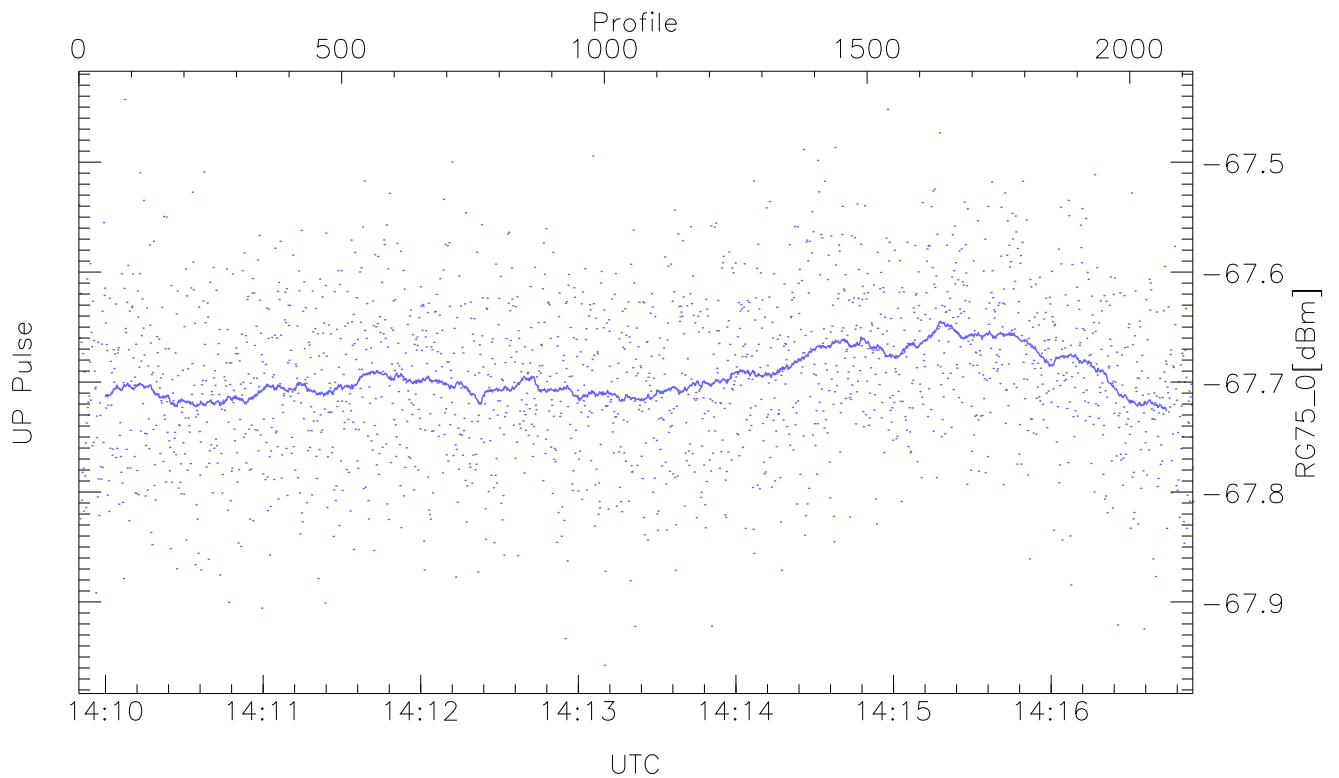
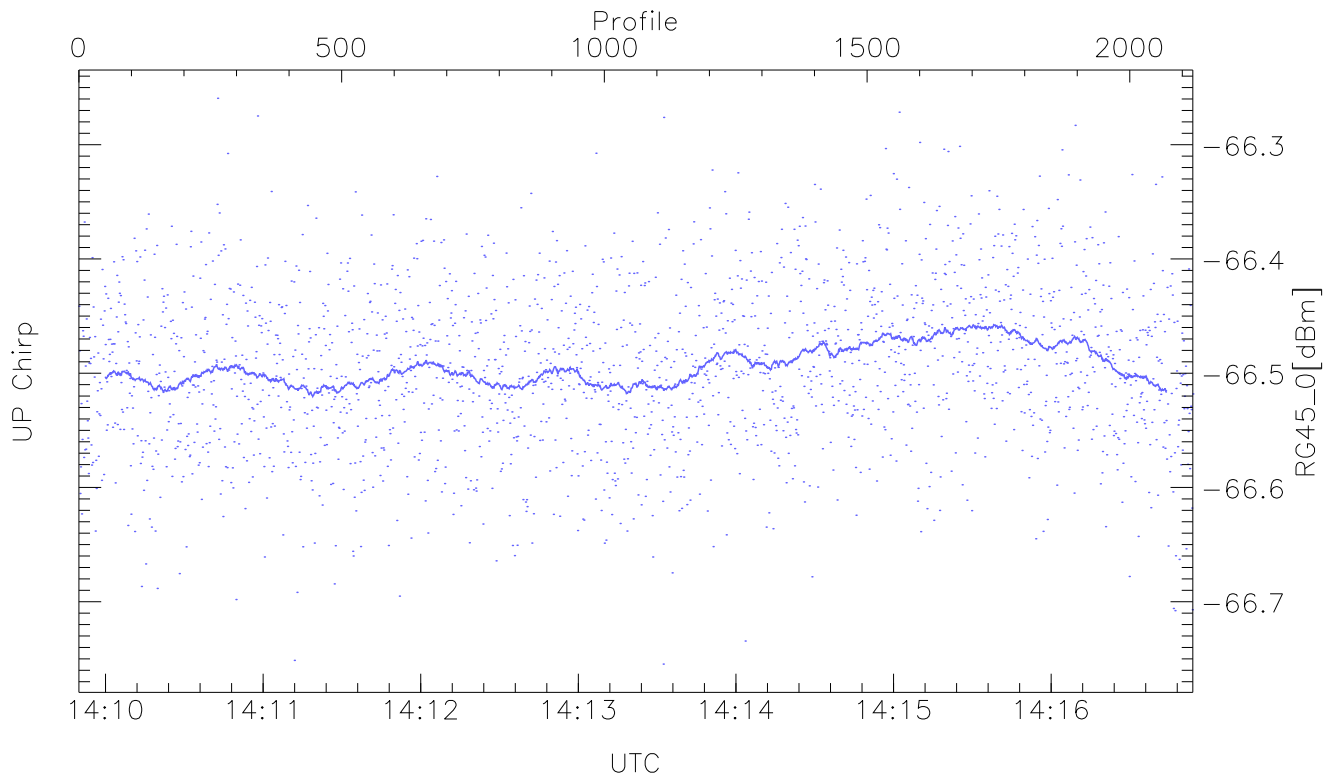
KPR SPP Receiver Noise Source Warm and Hot Measurements

	Min	Max	Mean	Median	StDev
Chirp(WL [dBm])	-64.40	-64.07	-64.24	-64.25	-83.71
Chirp(HL [dBm])	-61.80	-61.44	-61.62	-61.62	-80.96
Pulse(WL [dBm])	-66.07	-65.73	-65.88	-65.88	-85.60
Pulse(HL [dBm])	-63.29	-62.97	-63.13	-63.13	-82.55



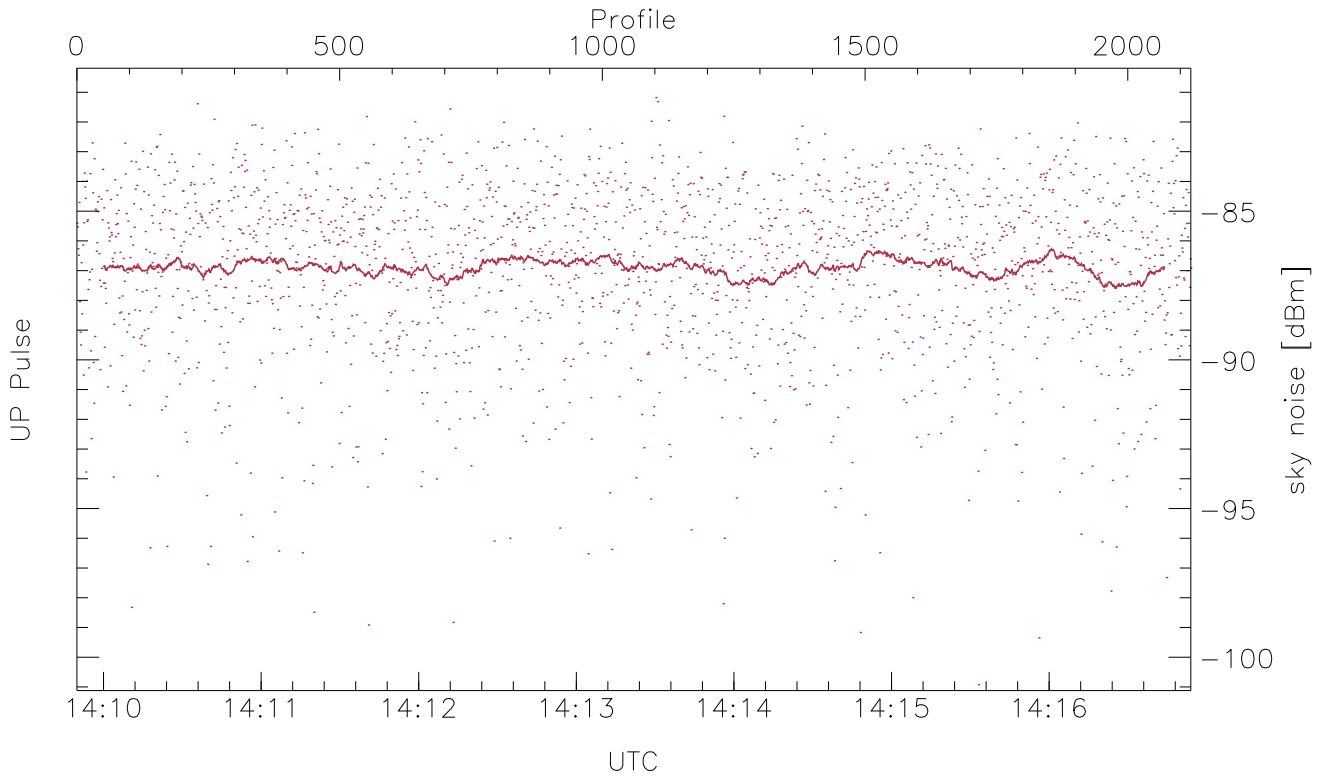
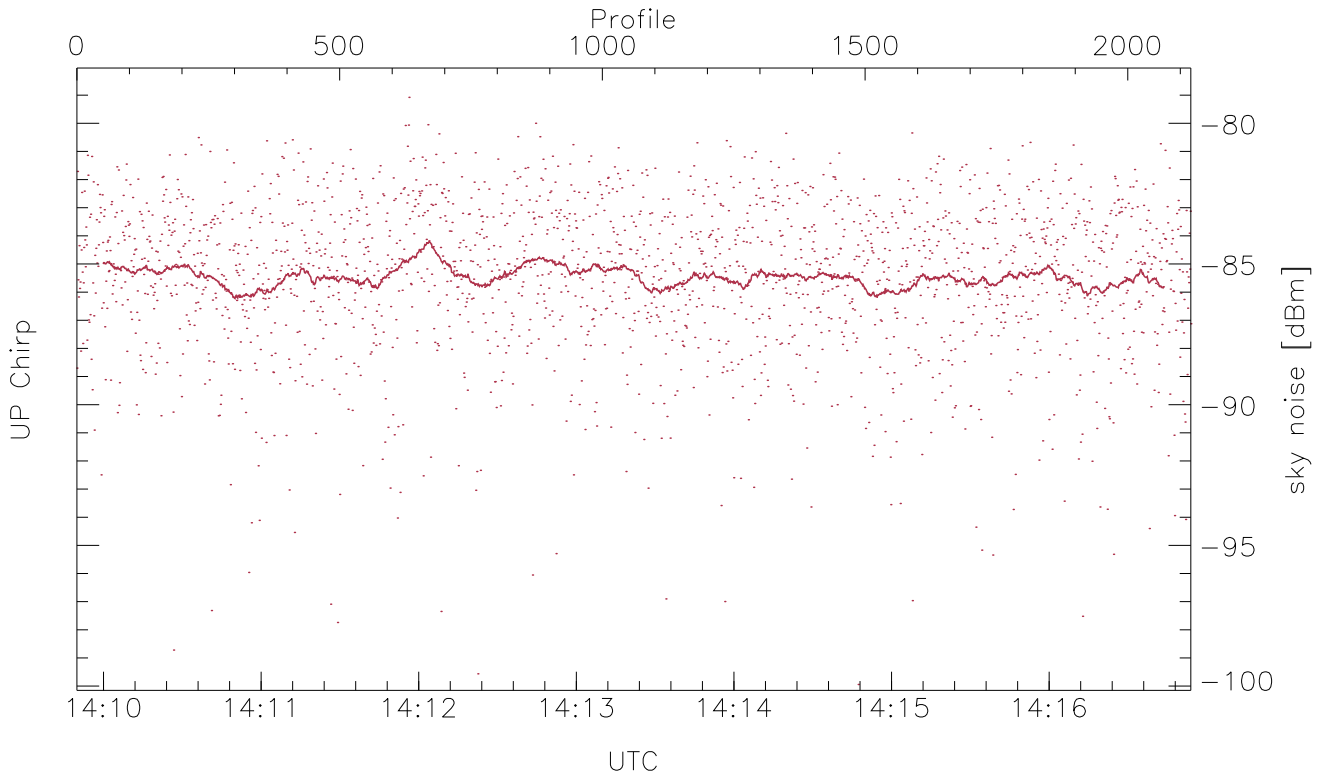
KPR SPP Last range gate power measurements: assumed RM(sky) noise

	Min	Max	Mean	Median	StDev
UP Chirp(dBm)	-66.75	-66.22	-66.48	-66.48	-84.22
UP Pulse(dBm)	-67.96	-67.47	-67.69	-67.69	-85.49



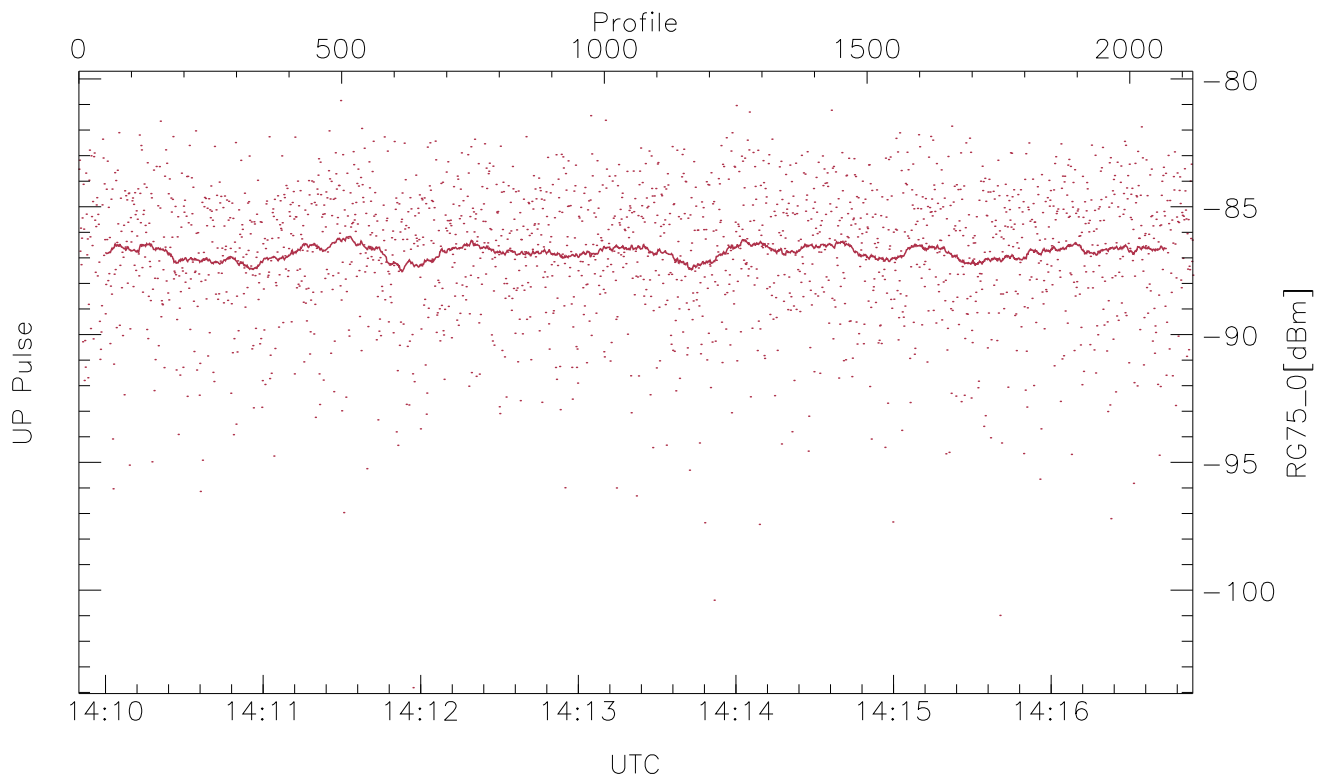
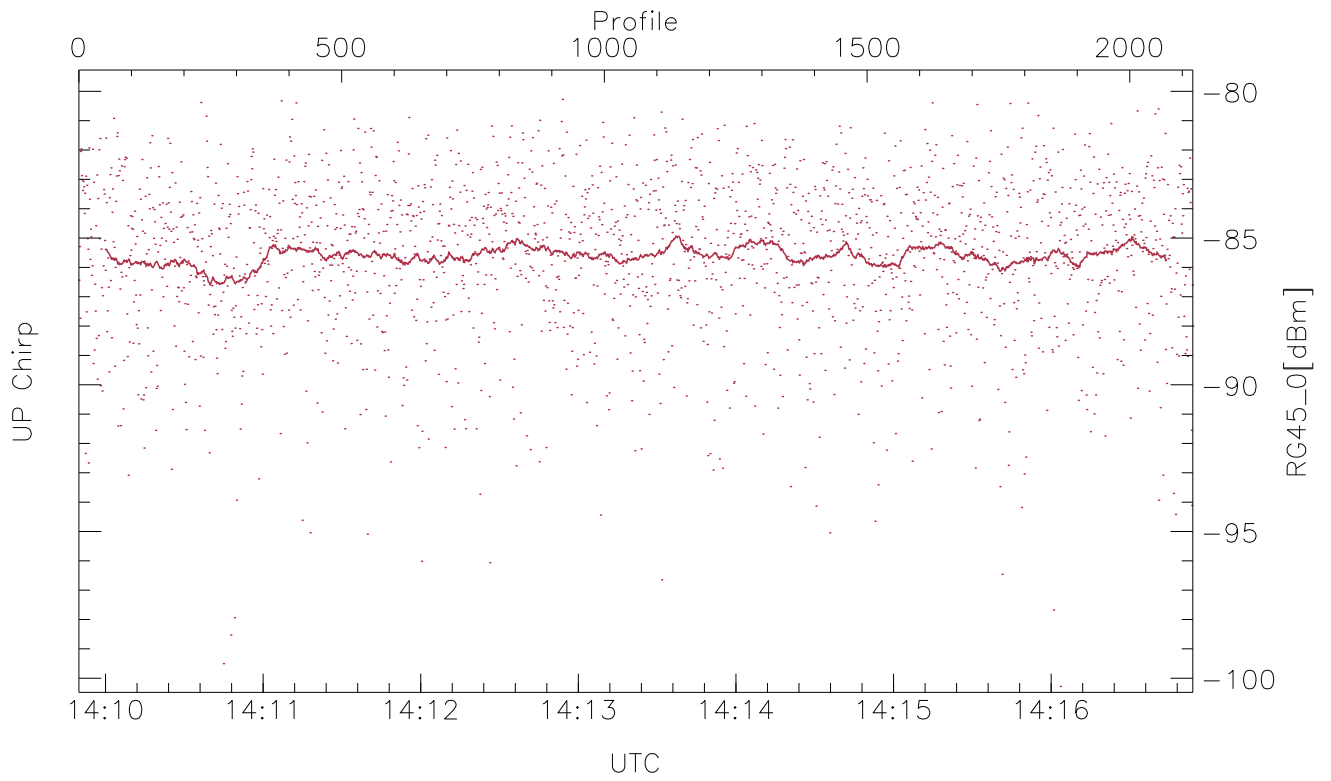
KPR SPP "Best" noise power measurements (dBm):

	Min	Max	Mean	Median	StDev
UP_C_RG45_0	-66.75	-66.26	-66.49	-66.50	-84.37
UP_P_RG75_0	-67.96	-67.44	-67.70	-67.70	-85.45



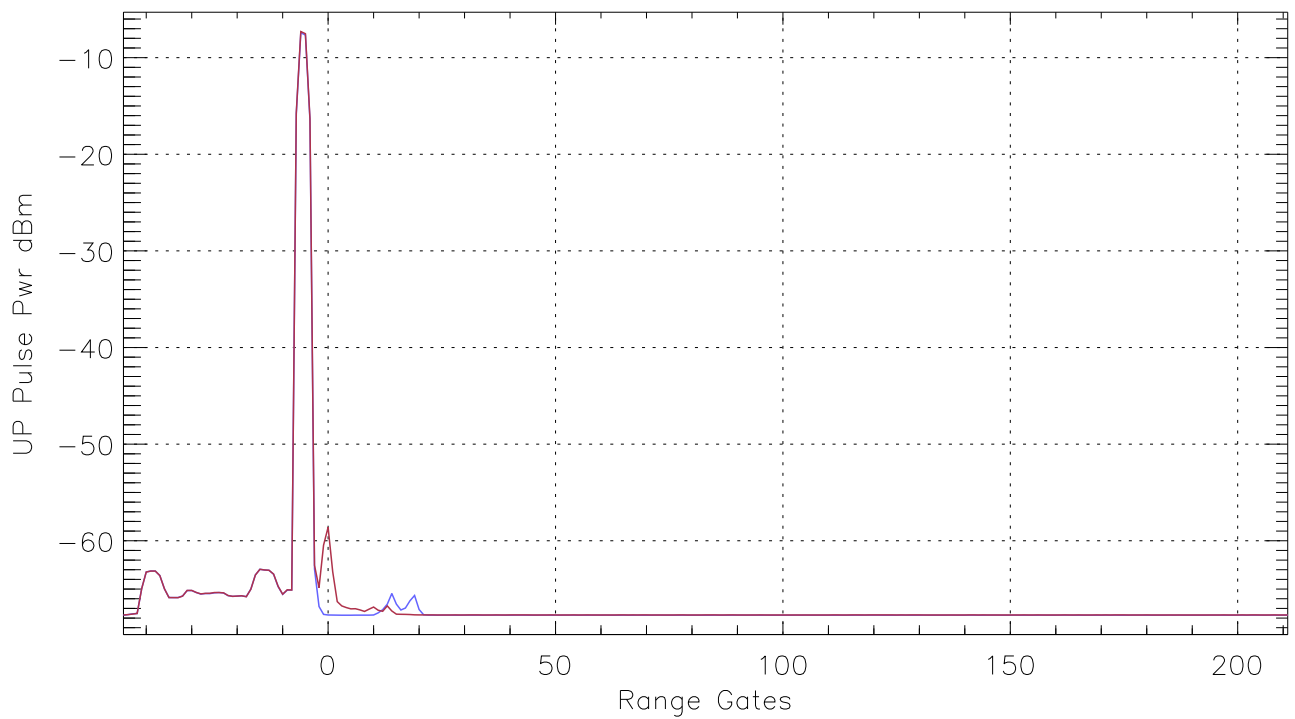
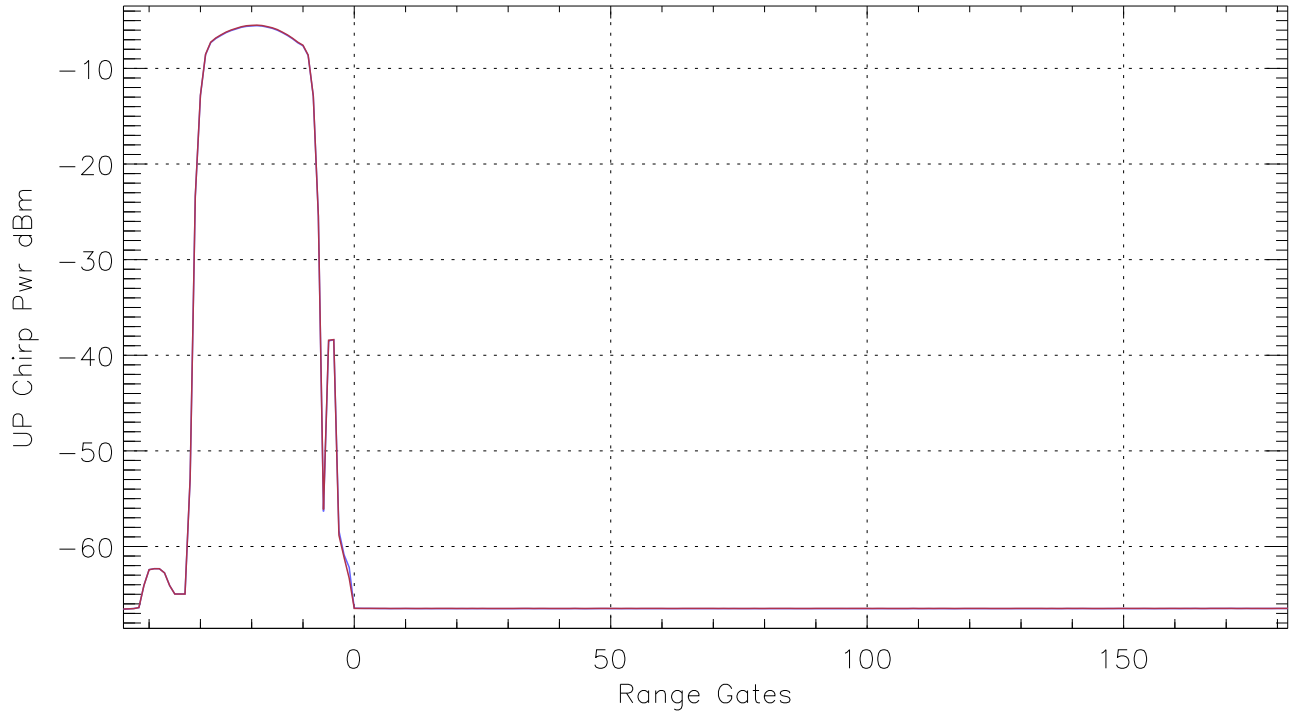
KPR SPP Last range gate PPMAG: assumed RM(sky) noise

	Min	Max	Mean	Median	StDev
UP Chirp(dBm)	-99.94	-79.08	-84.74	-85.08	-87.52
UP Pulse(dBm)	-100.92	-81.18	-86.14	-86.41	-88.92

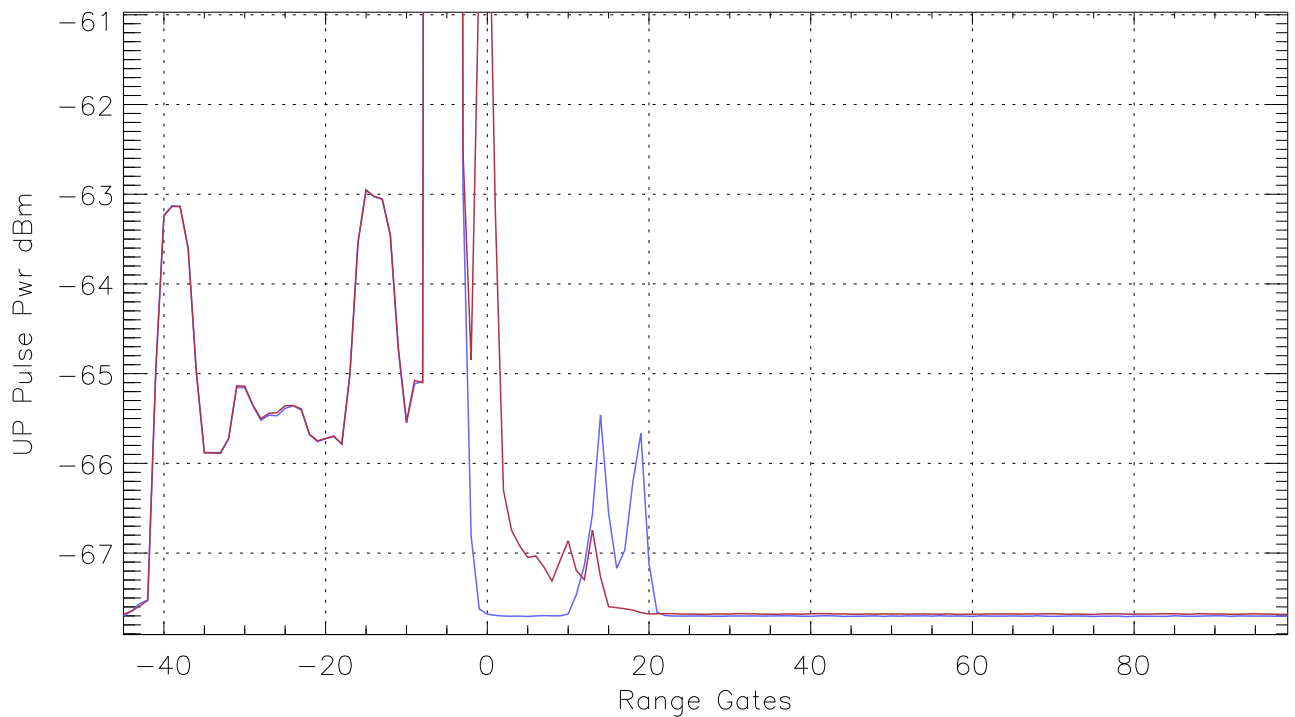
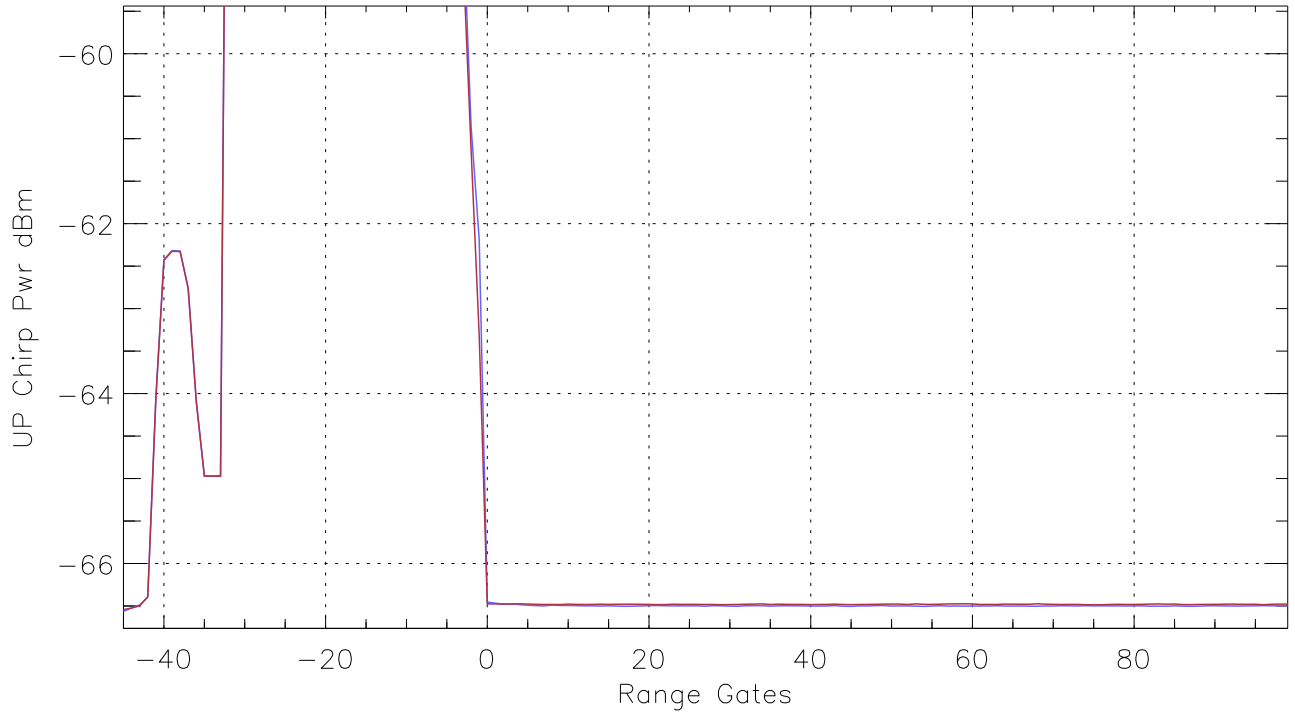


KPR SPP "Best" PPMAG noise (dBm):

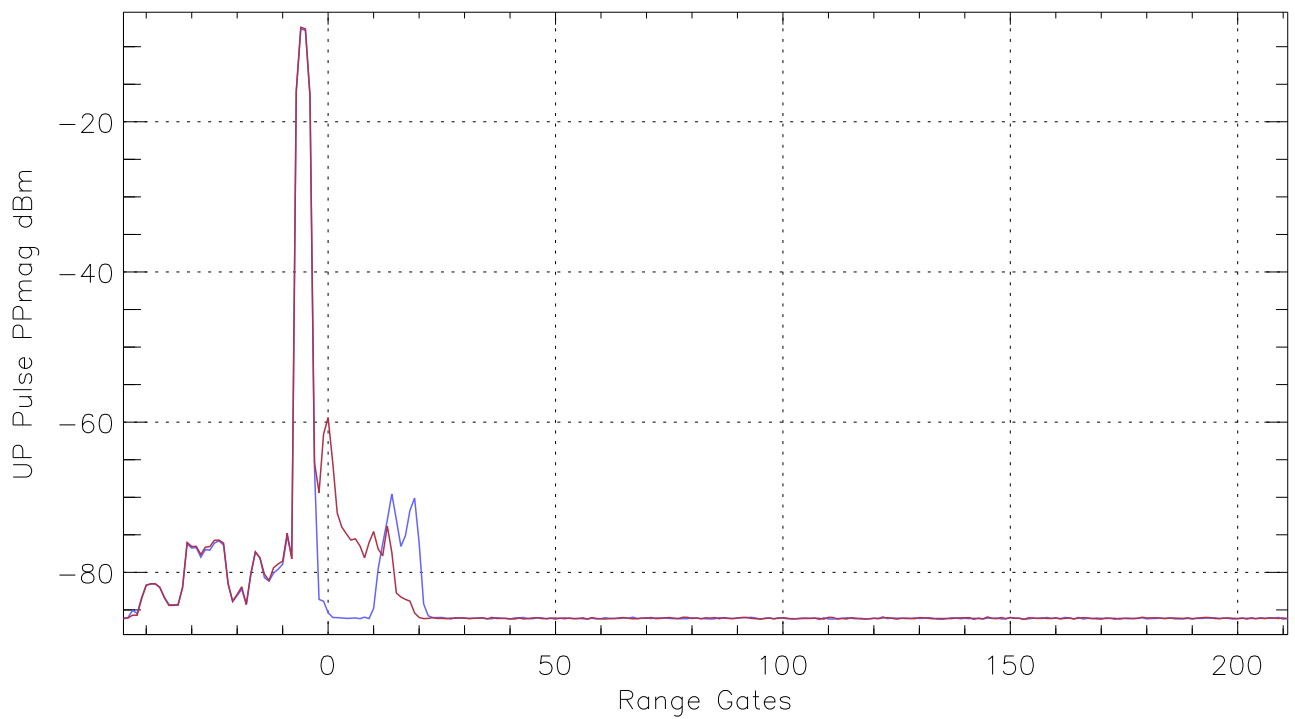
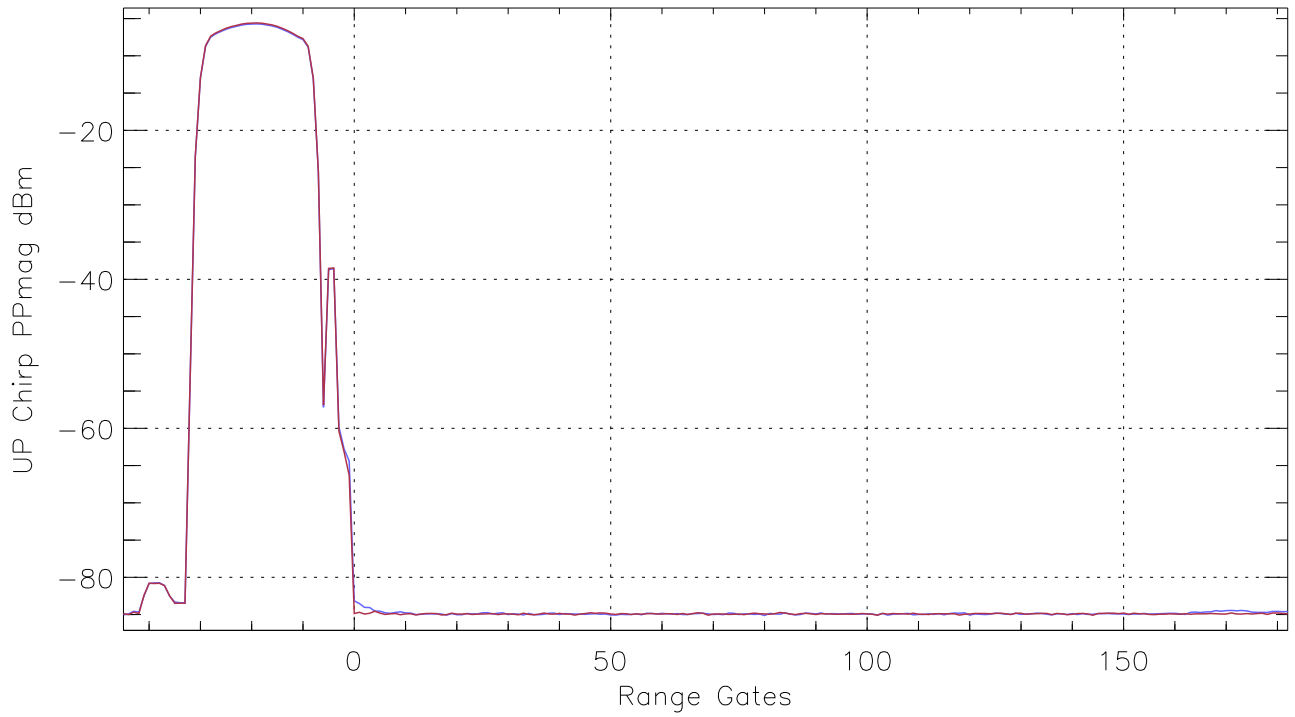
	Min	Max	Mean	Median	StDev
UP_C_RG45_0	-100.28	-80.27	-84.91	-85.13	-87.74
UP_P_RG75_0	-103.82	-80.85	-86.07	-86.31	-88.88



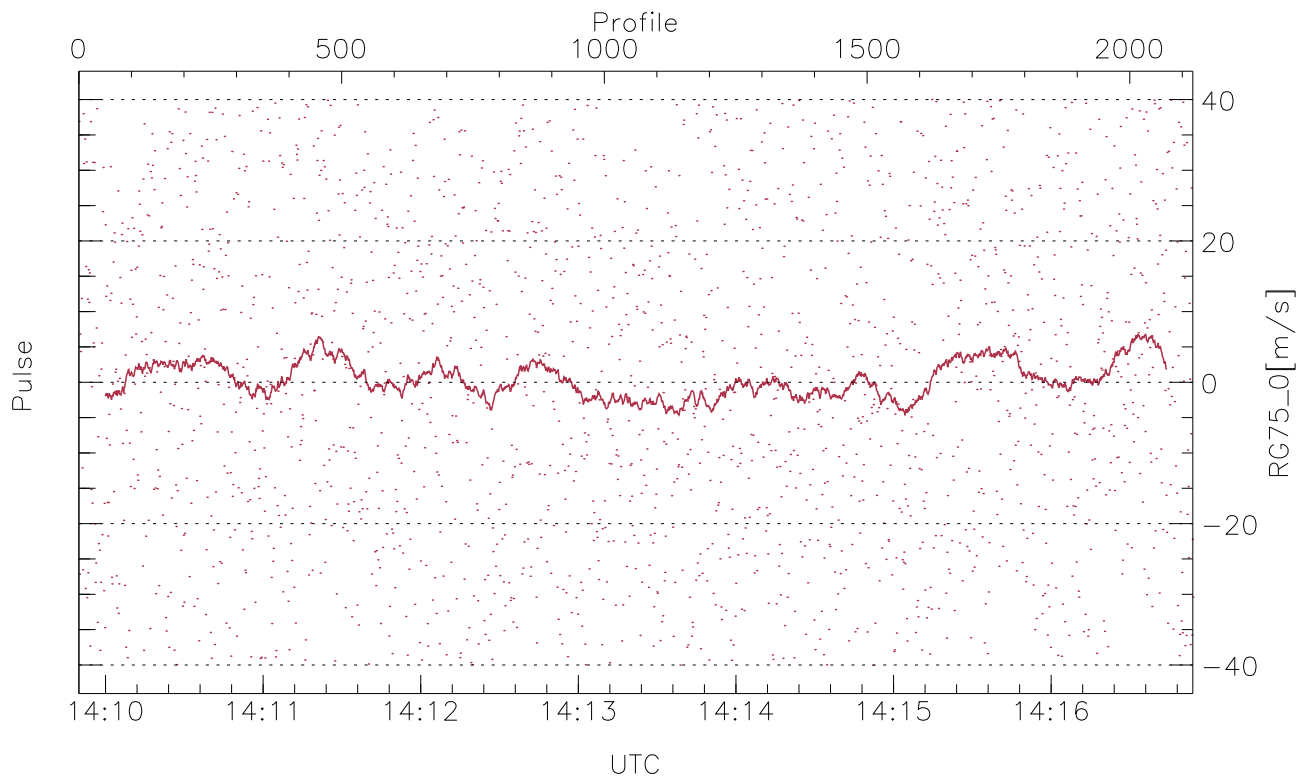
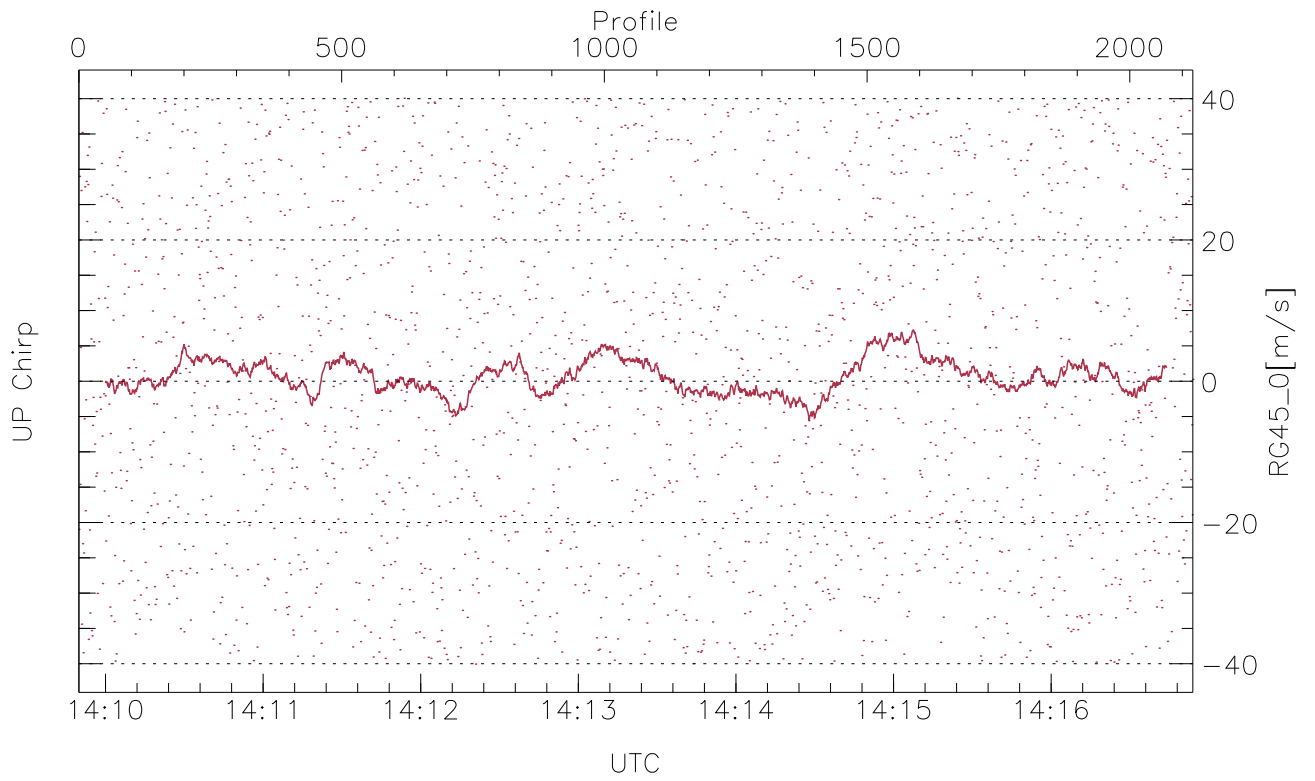
KPR SPP Averaged Received power for all recorded gates
blue: 140950-141321, 1061 profiles averaged
red: 141321-141654, 1061 profiles averaged



KPR SPP Averaged Power for neg. gates & up to 100 gates
blue: 140950-141321, 1061 profiles averaged
red: 141321-141654, 1061 profiles averaged

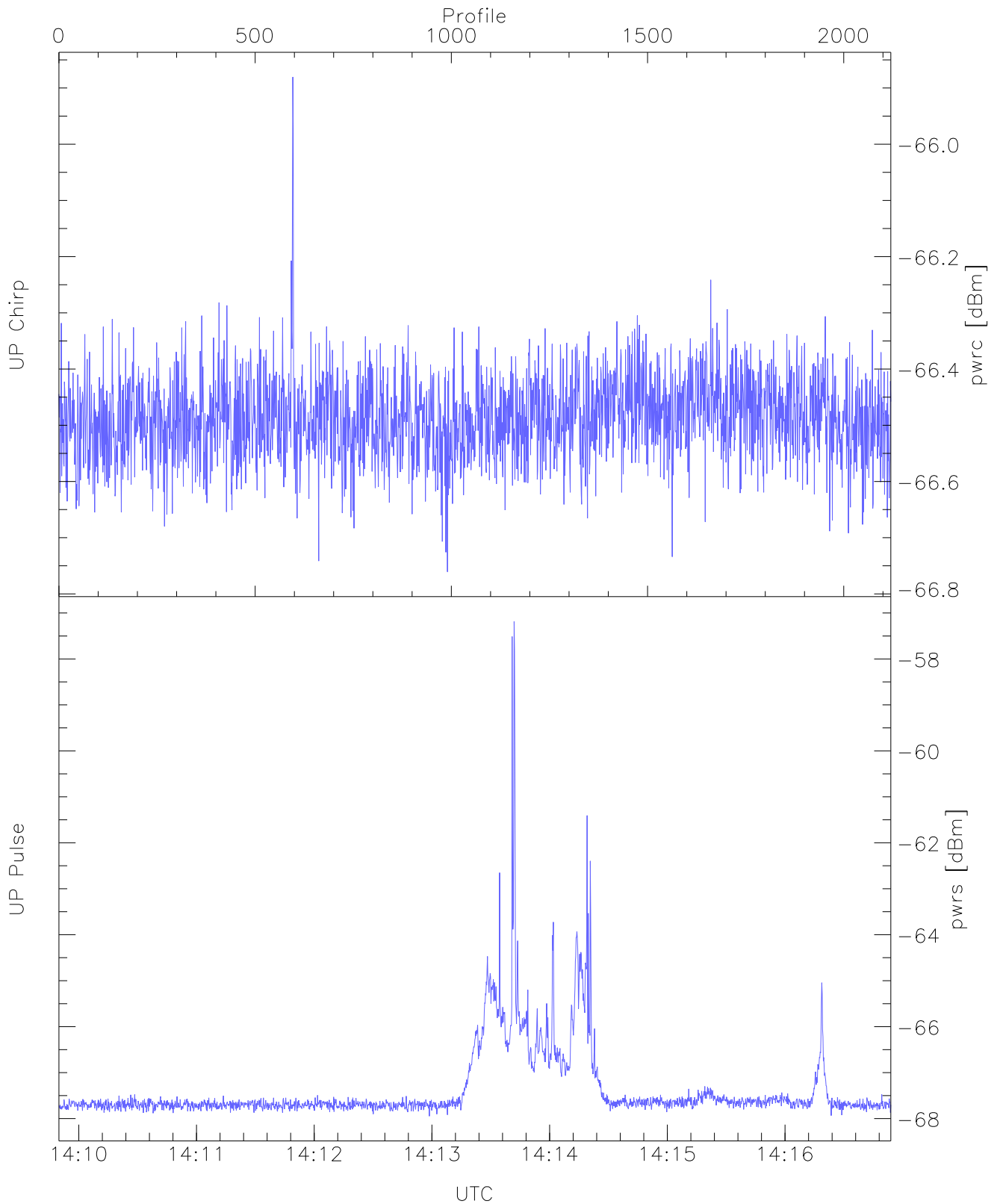


KPR SPP Averaged PP magnitude for all recorded gates
blue: 140950-141321, 1061 profiles averaged
red: 141321-141654, 1061 profiles averaged



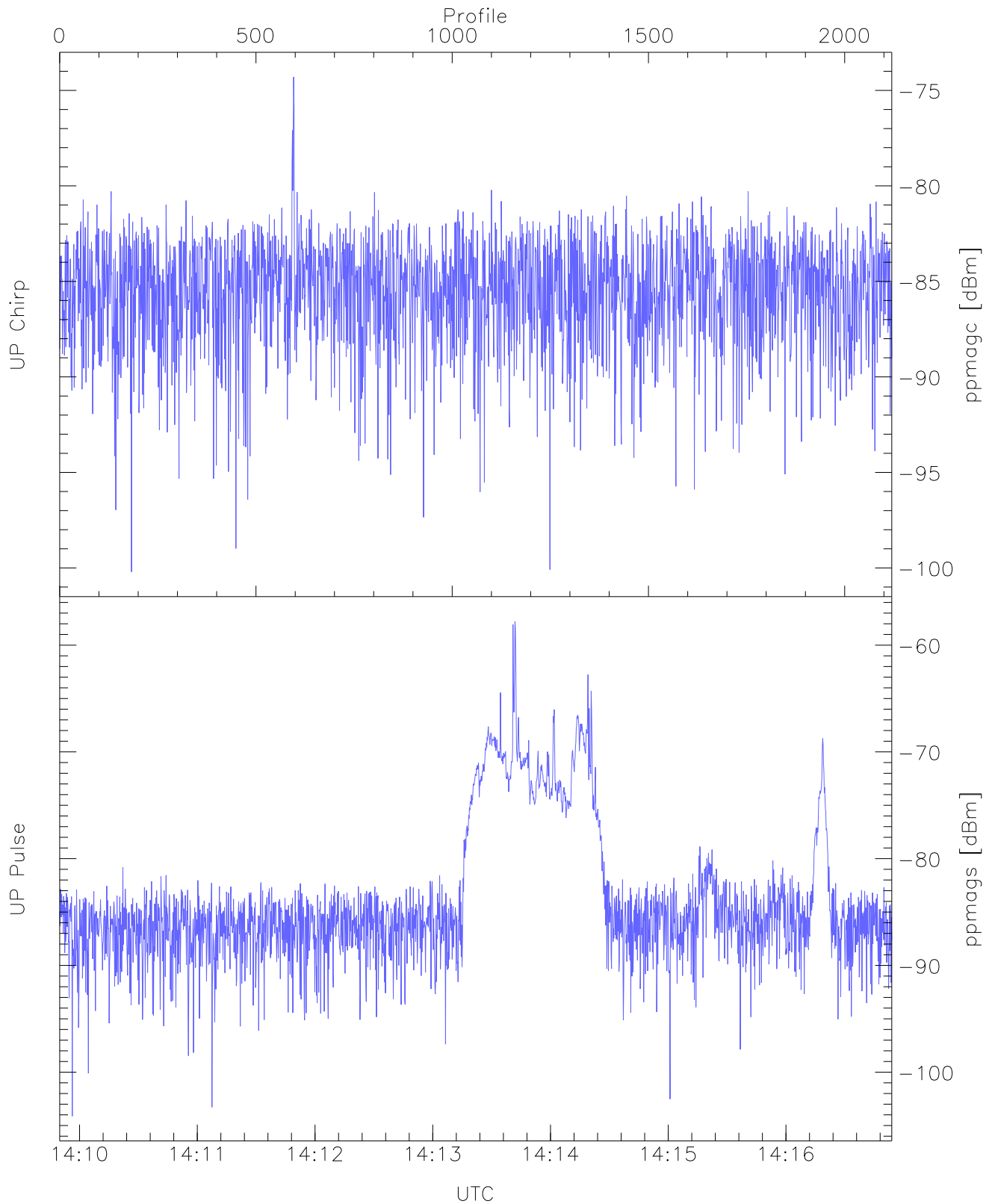
KPR SPP "Best" PPVEL noise (m/s):

	Min	Max	Mean	Median	StDev
UP_C_RG45_0	-40.04	40.05	0.74	0.56	23.32
UP_P_RG75_0	-40.04	40.01	0.36	-0.03	22.26



KPR SPP Received Power for Chirp Range gate 10 (1308.3 m)
 KPR SPP Received Power for Pulse Range gate 10 (466.6 m)

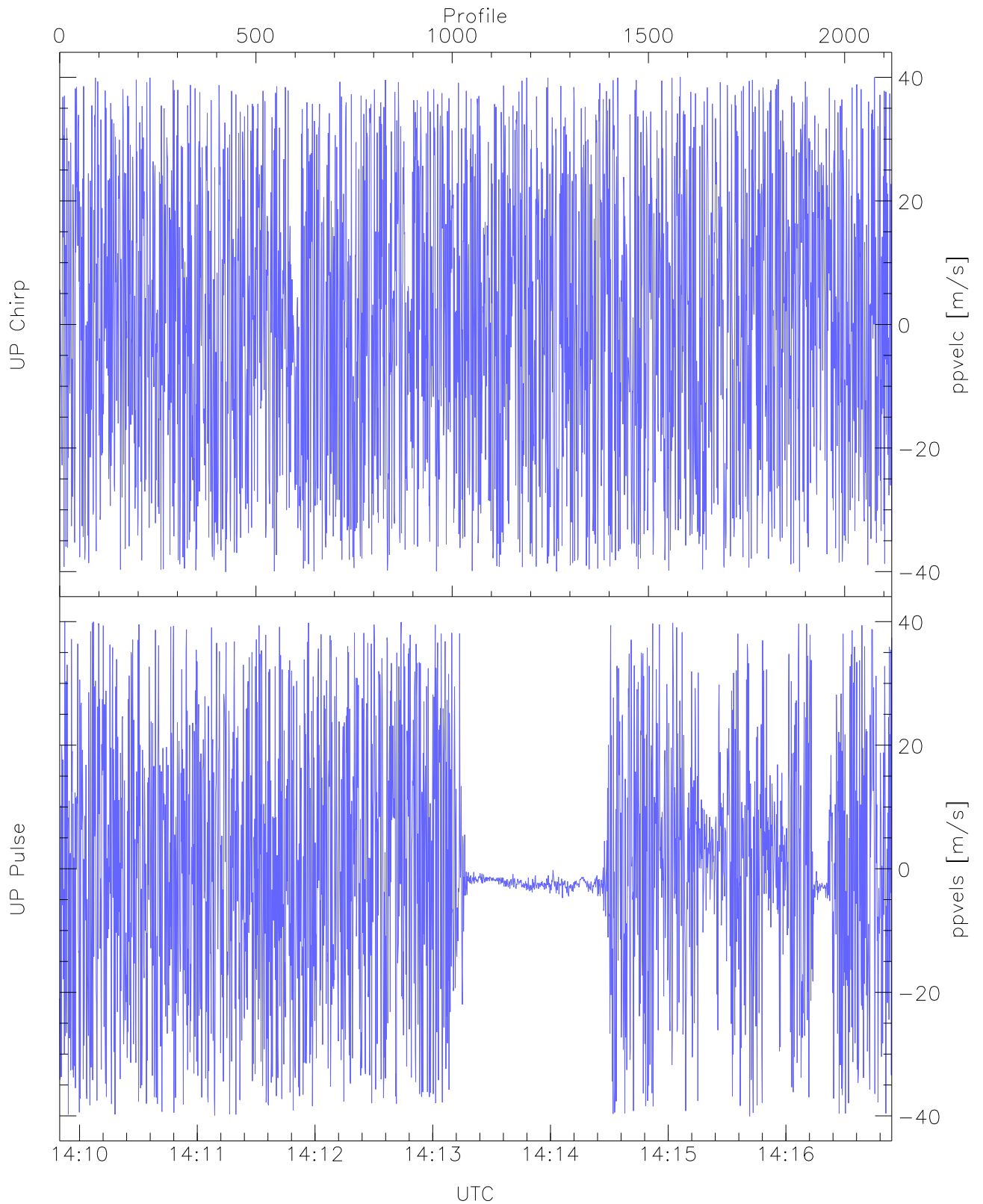
	Min	Max	Mean
UP Chirp(dBm)	-66.76	-65.88	-66.49
UP Pulse(dBm)	-67.95	-57.18	-67.25



KPR SPP PPMAG for Chirp Range gate 10 (1308.3 m)

KPR SPP PPMAG for Pulse Range gate 10 (466.6 m)

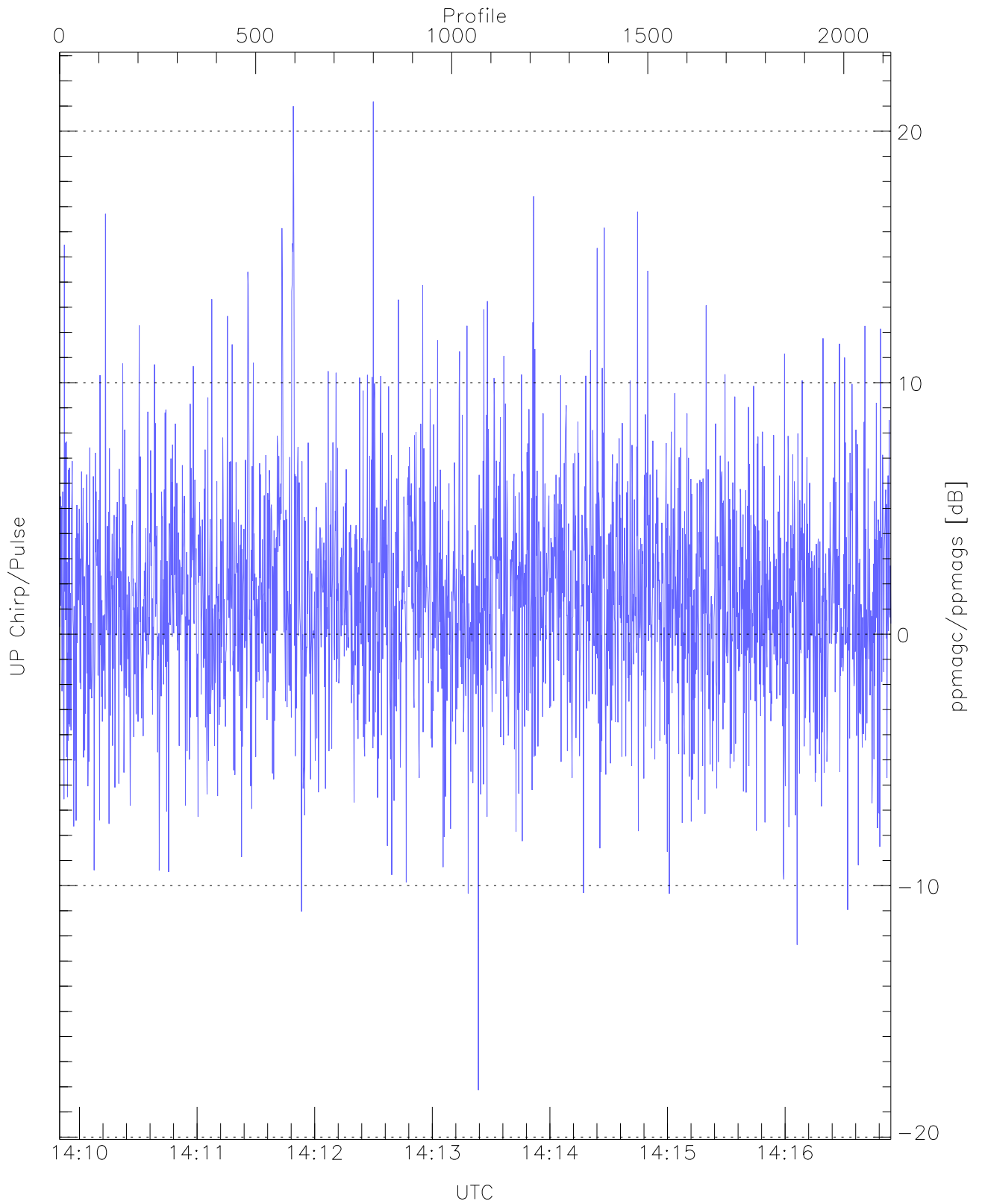
	Min	Max	Mean
UP Chirp(dBm)	-100.21	-74.30	-84.84
UP Pulse(dBm)	-104.12	-57.77	-77.20



KPR SPP PPVEL for Chirp Range gate 10 (1308.3 m)

KPR SPP PPVEL for Pulse Range gate 10 (466.6 m)

	Min	Max	Mean
UP Chirp(m/s)	-40.04	40.05	0.24
UP Pulse(m/s)	-40.05	40.04	-0.30



KPR SPP PPMAG Chirp/Pulse; Range gate: 1038.5m /1066.2m

	Min	Max	Mean
UP Chirp/Pulse(dBm)	-18.13	21.17	3.85