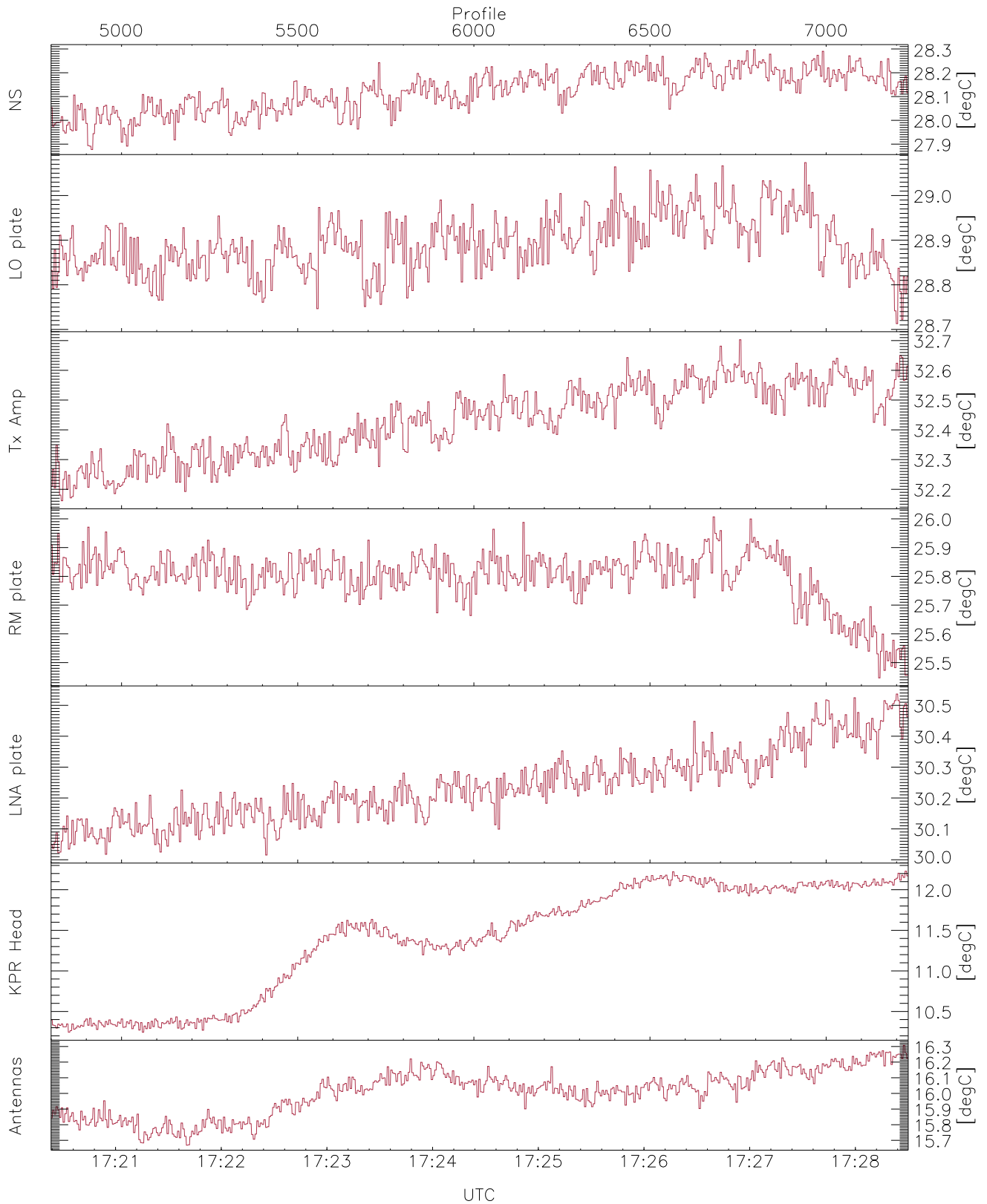


KPR SPP; Ant(s): UP; Radiometer: OFF

UTC: 17:04:23-17:28:30, TimeCor: 0.00s, Dur: 486.60s
 TimeInt(min,max,mn,std): 187.6,212.4,200.0,1.0 ms; PPS: 5.0
 NumRec(r/t): 2434/7234, 4800-7233/17:20:23-17:28:30
 AcqTime(req,actual): 200.0,200.0 ms, Data Rate: 95.1 KB/s
 Pulse: 247 ns, Chirp: 2.47 us, DRxIF: 5.0 MHz
 PRF: 20.0 KHz, avgPulses: 4000, avgPP: 3999
 NyquistVel: 42.1 m/s, RangeRes:30.0 m
 Pulse Range(min,max): 120, 6506 m, Gates: 427
 Chirp Range(min,max): 536, 6487 m, Gates: 398
 RangeGateSampling: 15.0 m, Aspect: 0.8

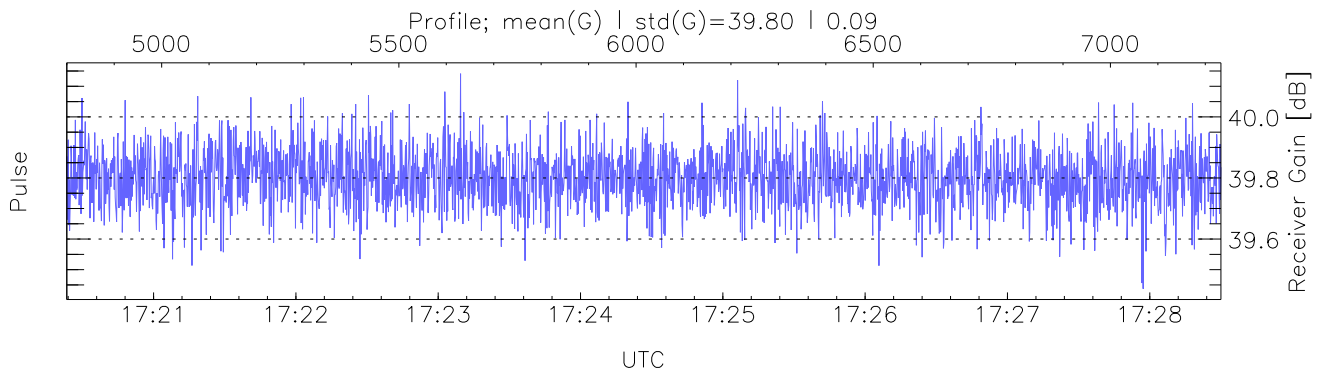
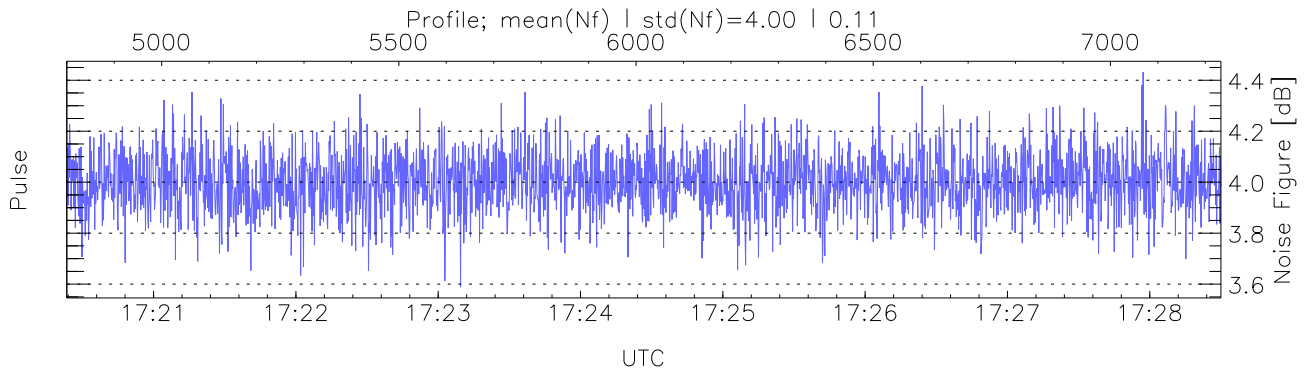
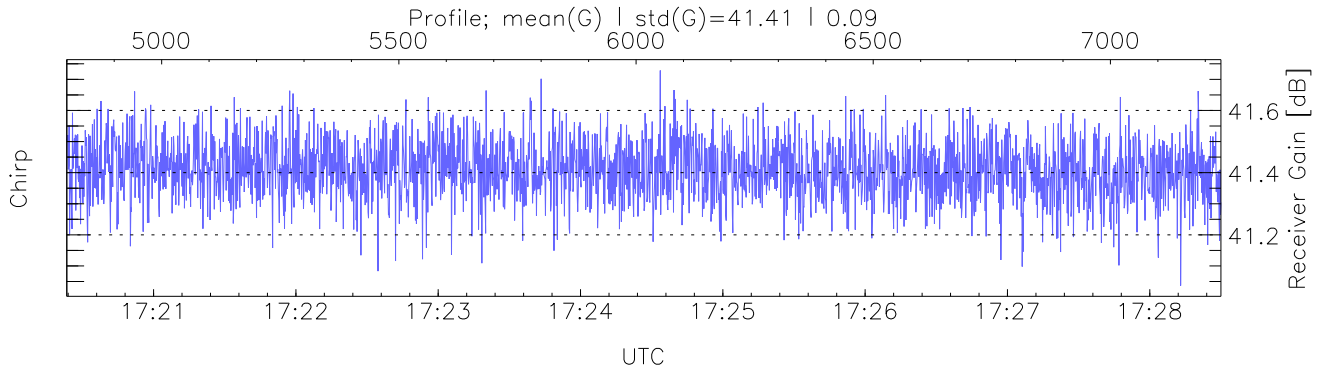
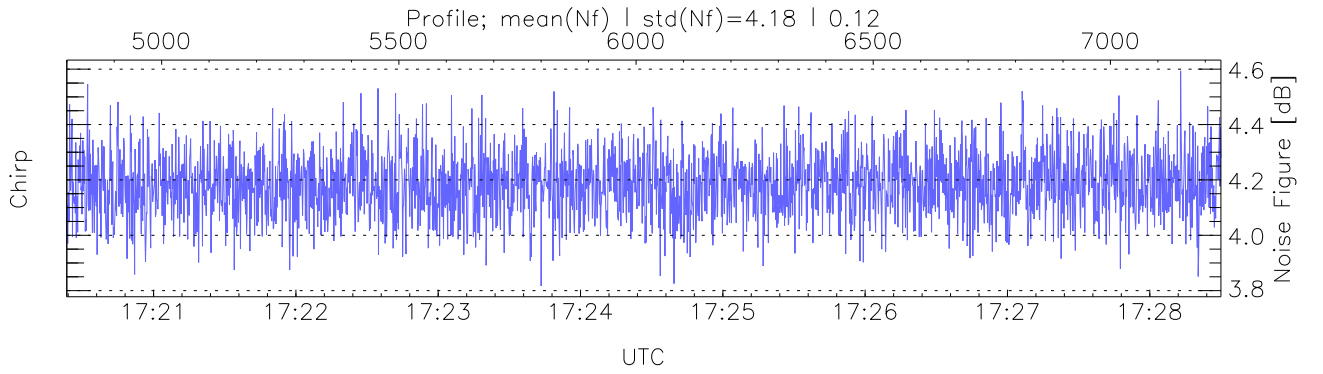


KPR SPP Temperatures, Power Supplies, PLO lock:

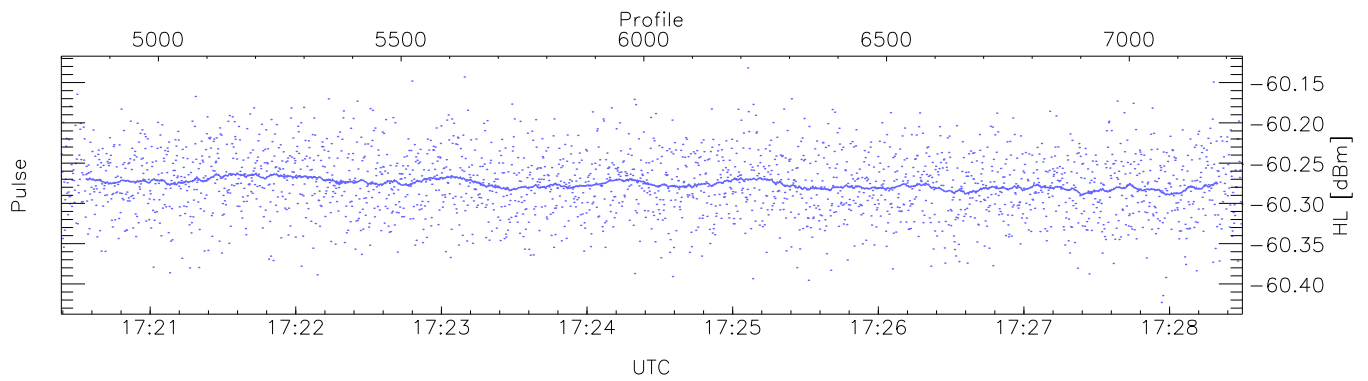
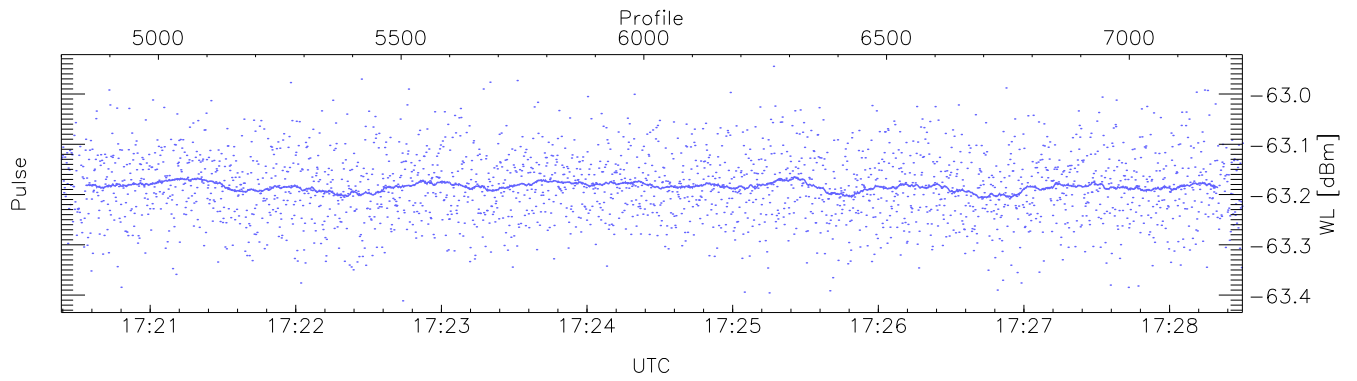
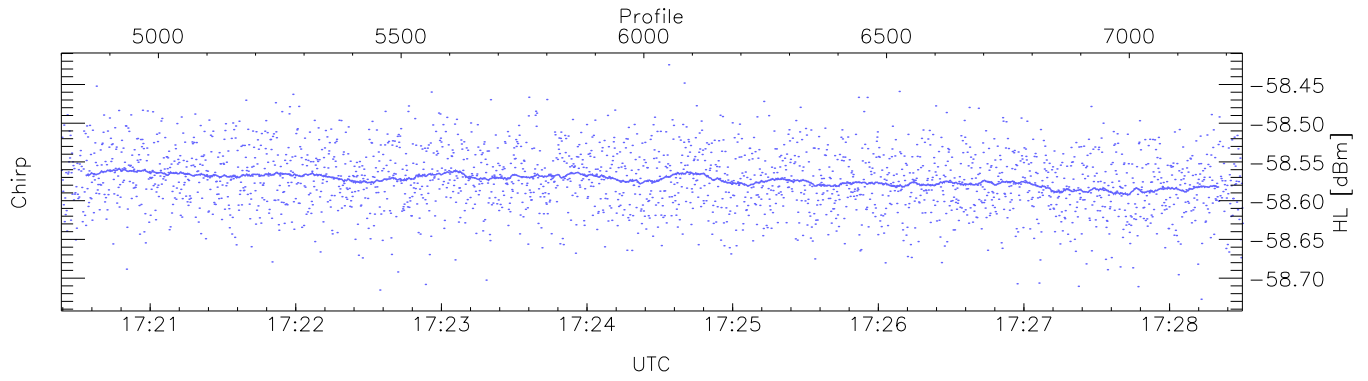
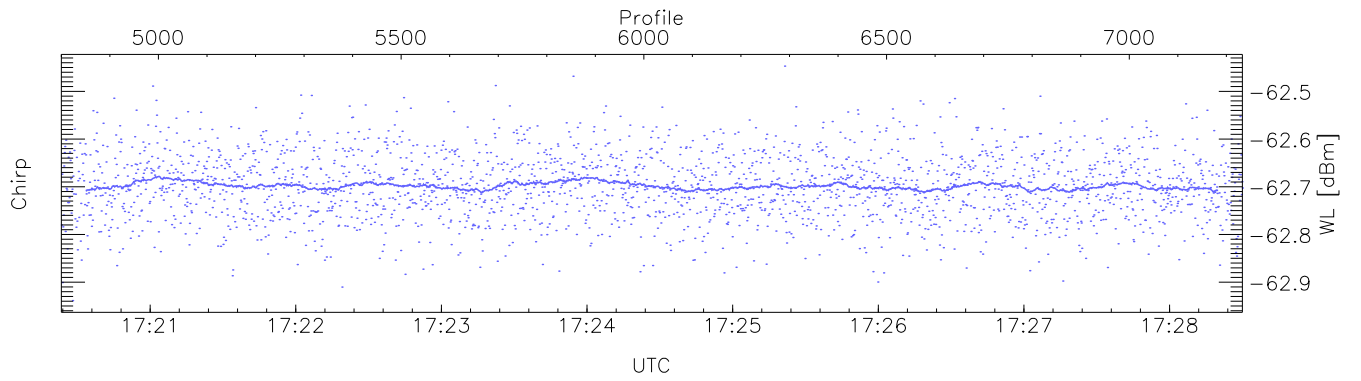
temperature:	NS,	LO,	Tx,	RM,	LNA,	Head,	Ant
mintempC:	27.9,	28.7,	32.2,	25.4,	30.0,	10.2,	15.7
maxtempC:	28.3,	29.1,	32.7,	26.0,	30.5,	12.2,	16.3
meantempC:	28.1,	28.9,	32.4,	25.8,	30.2,	11.4,	16.0

PwrSply:	28,	12,	8,	5 VDC
minVDC:	26.41,	11.68,	7.87,	5.22
maxVDC:	27.79,	11.73,	7.90,	5.23
meanVDC:	27.11,	11.70,	7.89,	5.23

PLO(3.84,15.84 GHz) unlocked: None

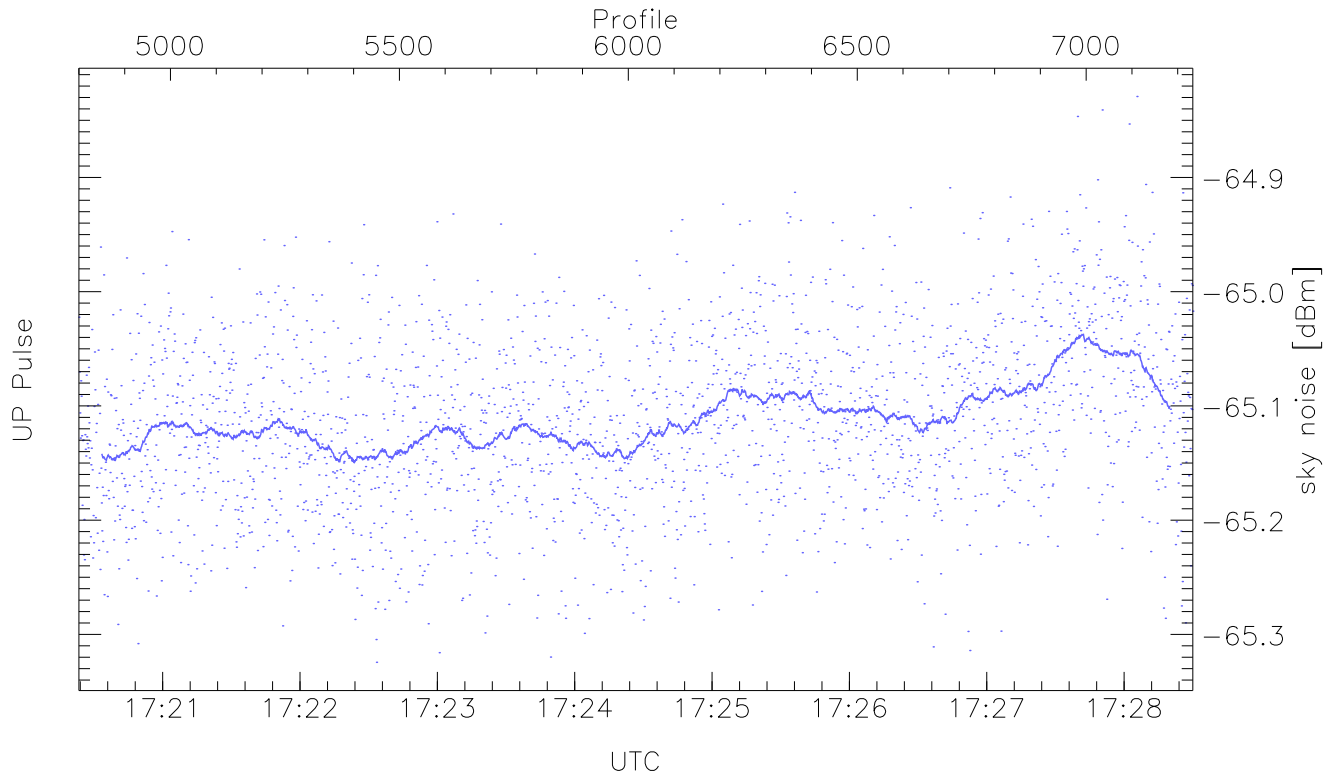
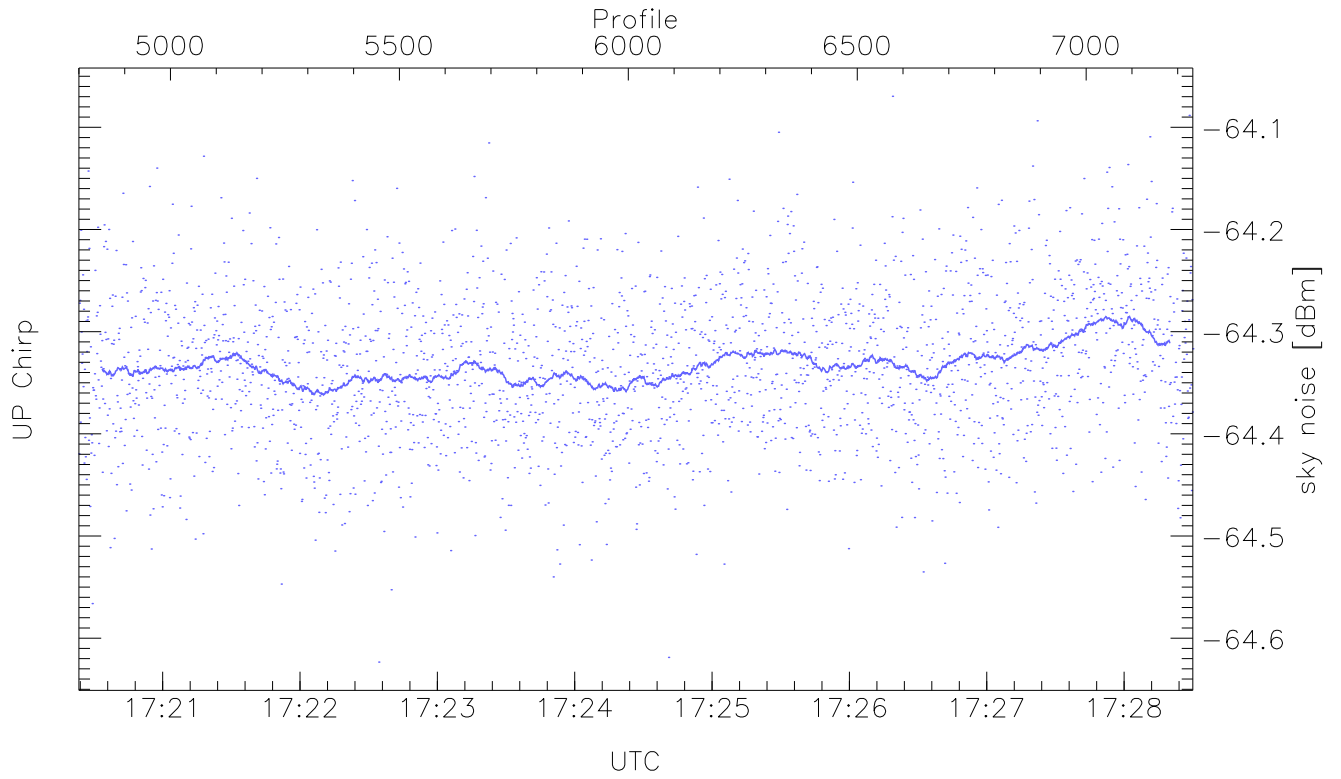


KPR SPP Receiver Gain and Noise Figure



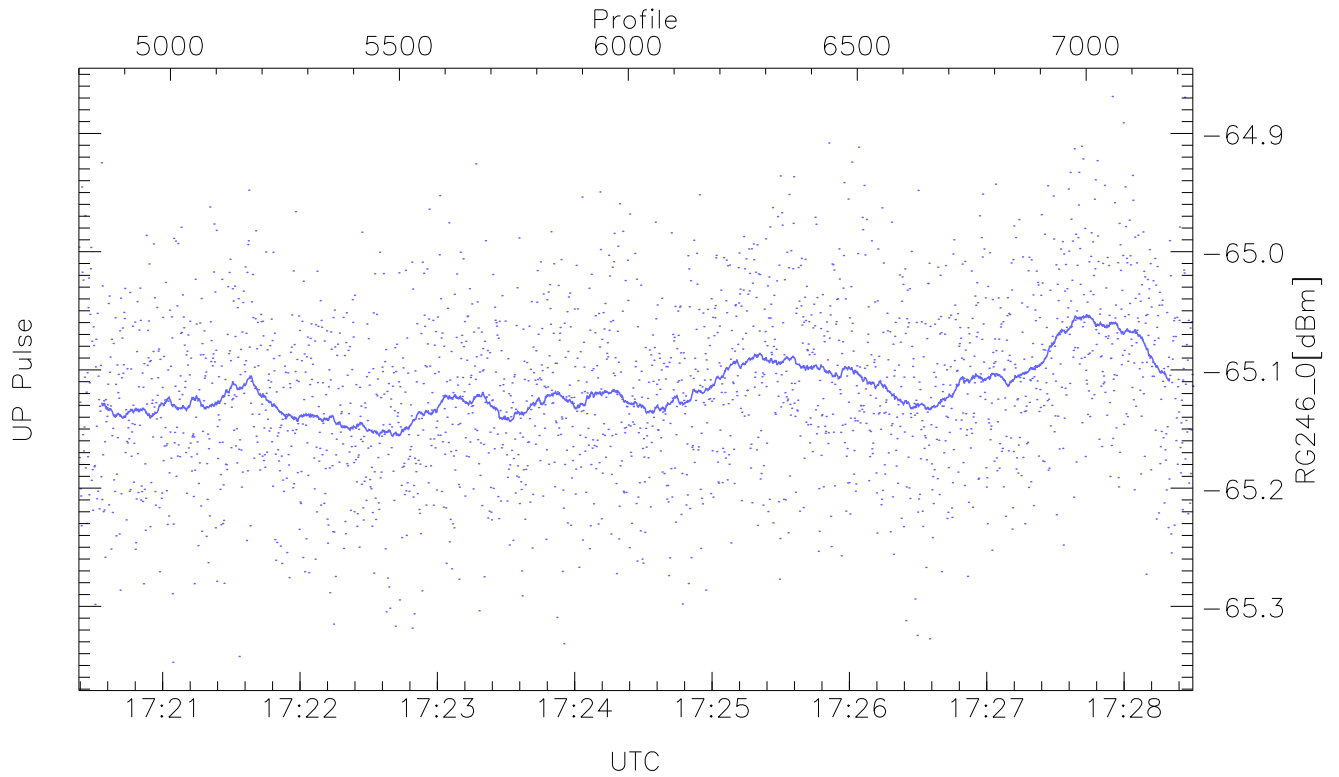
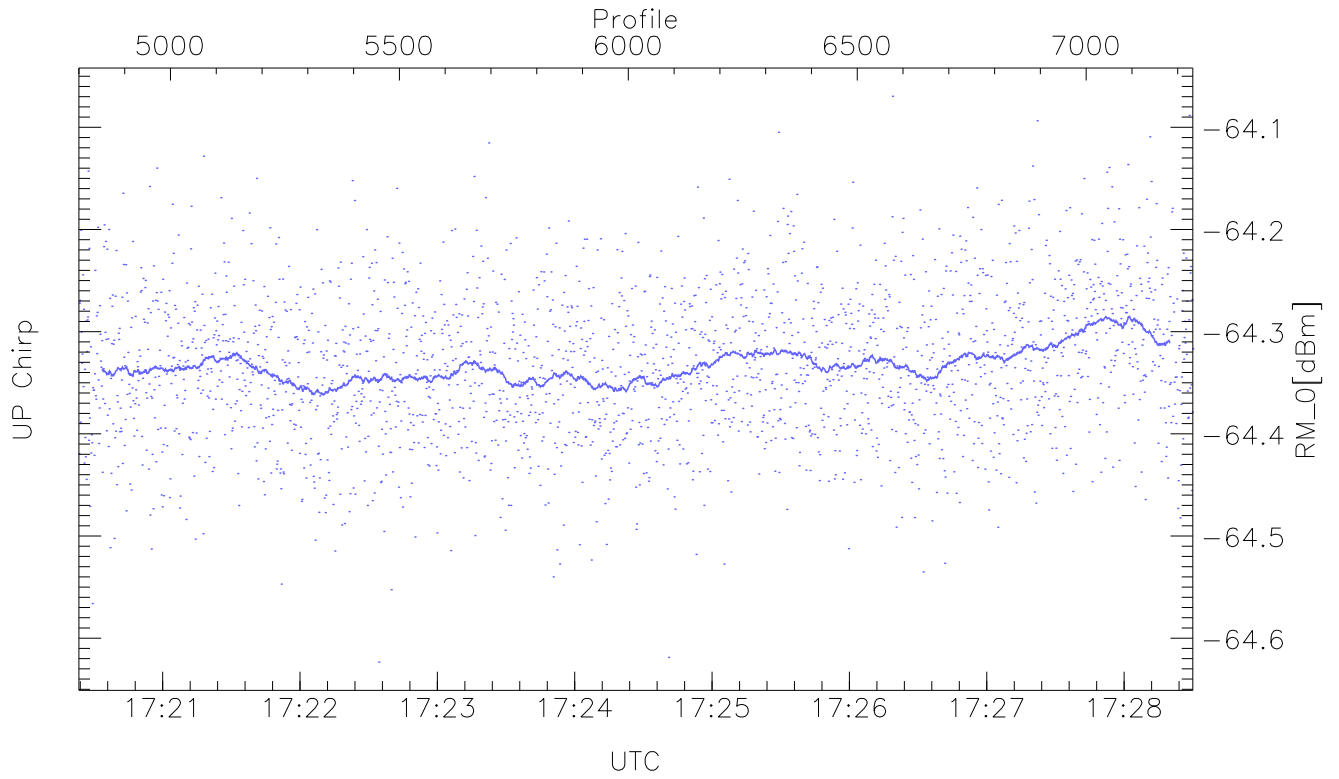
KPR SPP Receiver Noise Source Warm and Hot Measurements

	Min	Max	Mean	Median	StDev
Chirp(WL [dBm])	-62.94	-62.45	-62.70	-62.70	-80.73
Chirp(HL [dBm])	-58.73	-58.42	-58.57	-58.57	-78.81
Pulse(WL [dBm])	-63.41	-62.95	-63.18	-63.18	-81.09
Pulse(HL [dBm])	-60.42	-60.13	-60.28	-60.28	-80.54



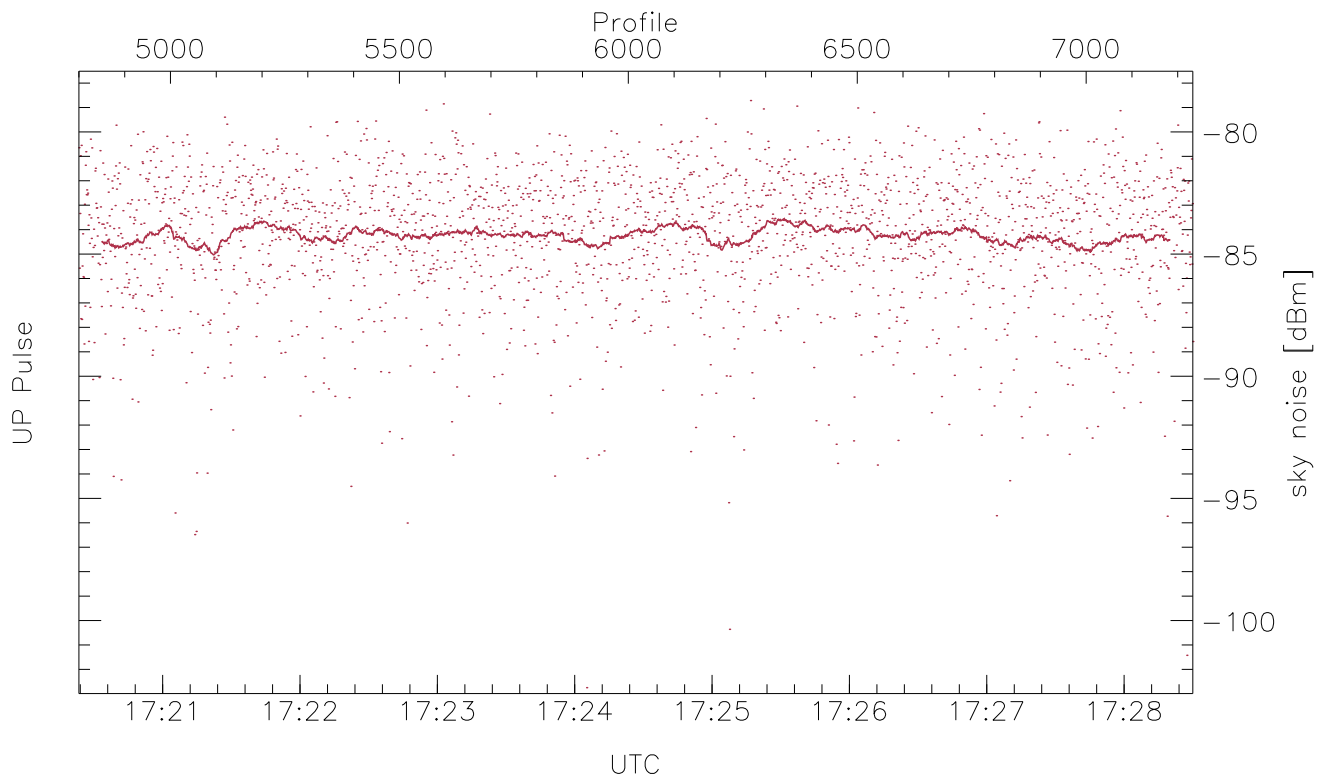
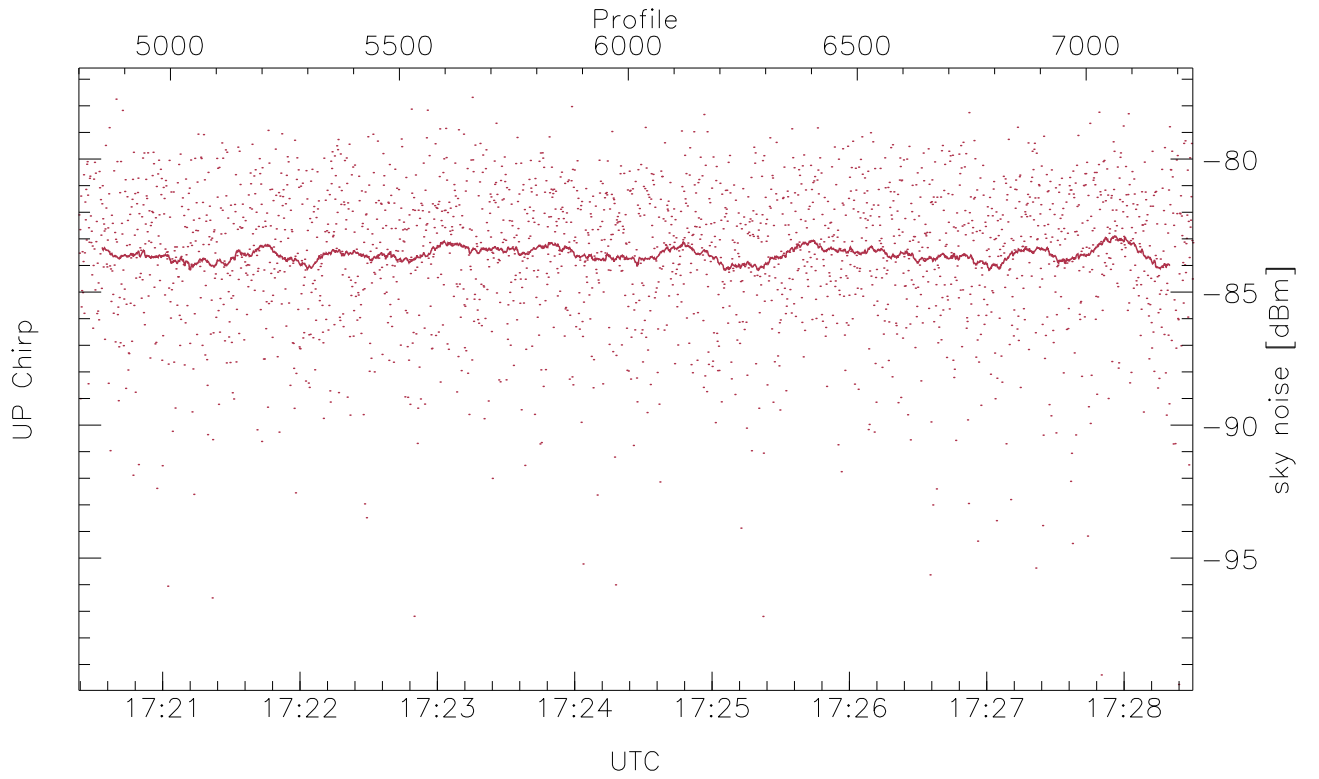
KPR SPP Last range gate power measurements: assumed RM(sky) noise

	Min	Max	Mean	Median	StDev
UP Chirp(dBm)	-64.62	-64.07	-64.33	-64.33	-82.16
UP Pulse(dBm)	-65.32	-64.83	-65.11	-65.11	-82.76



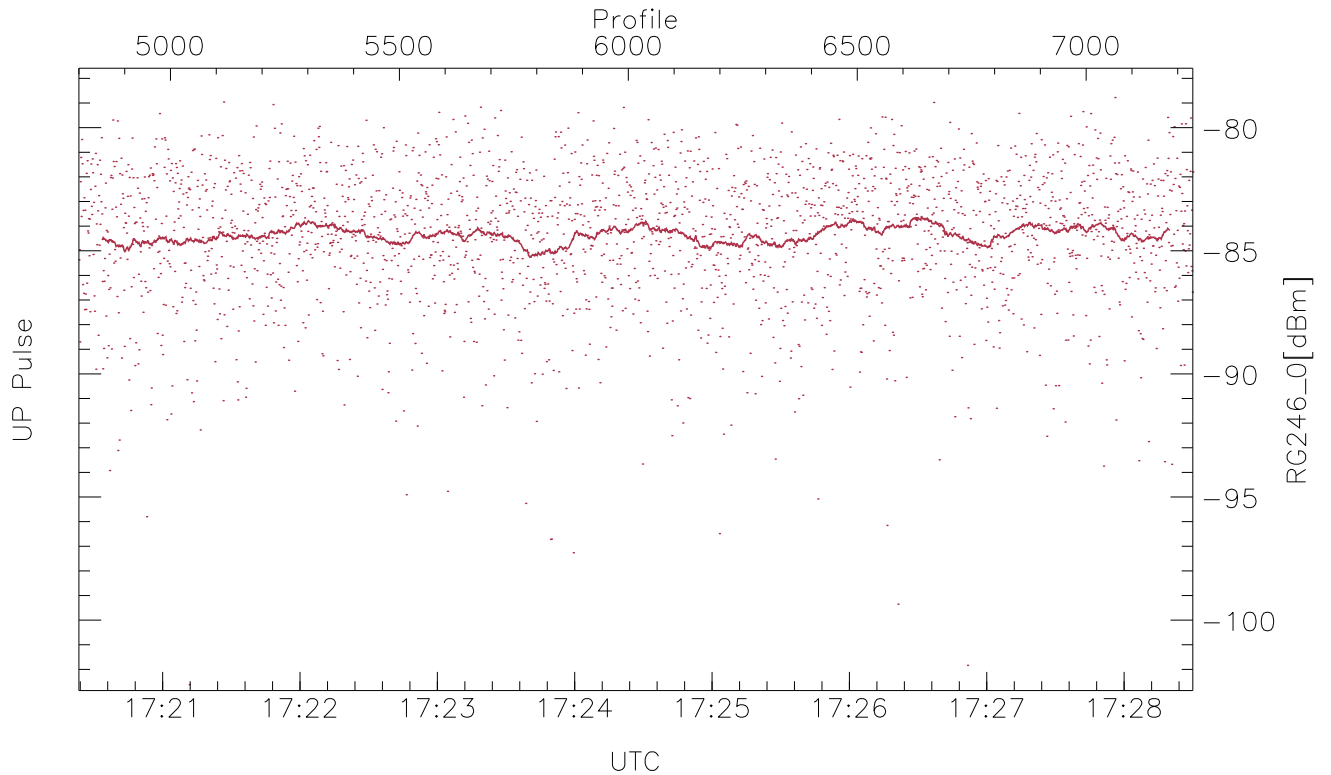
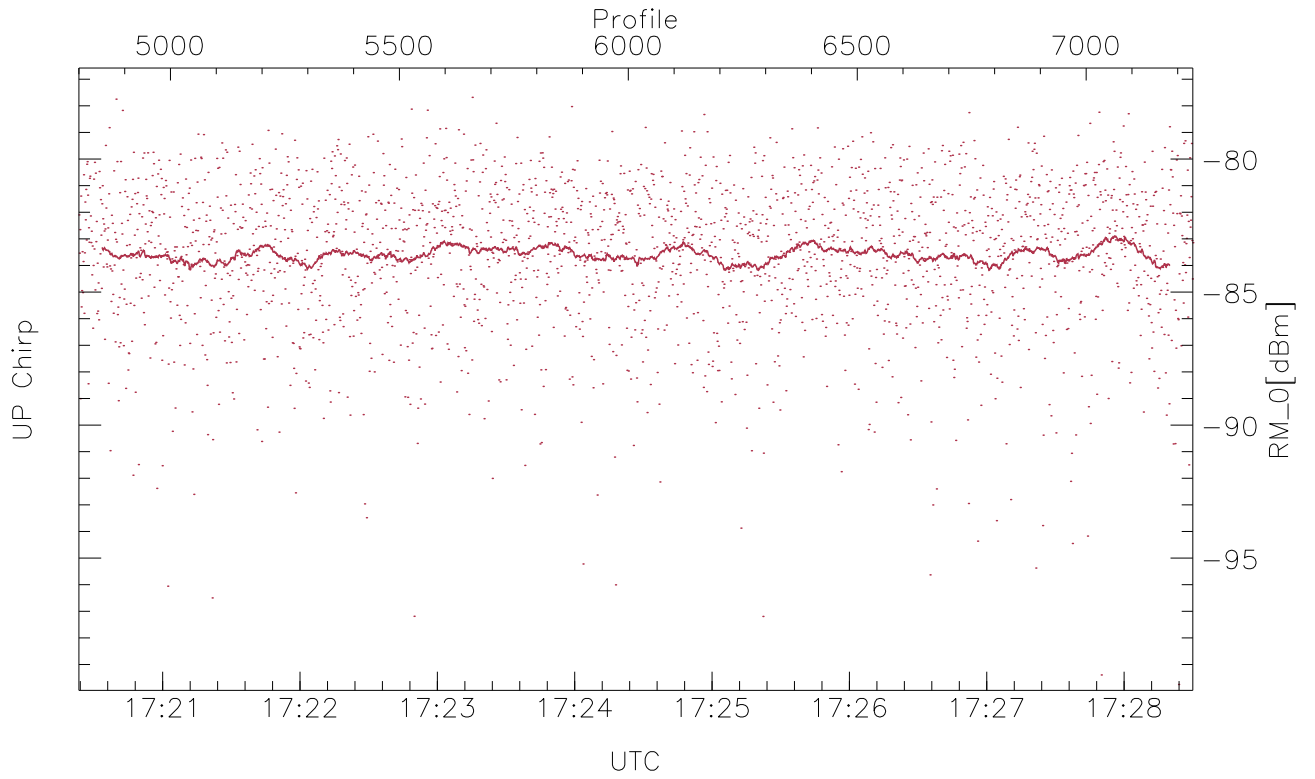
KPR SPP "Best" noise power measurements (dBm):

	Min	Max	Mean	Median	StDev
UP_C_RM_0	-64.62	-64.07	-64.33	-64.33	-82.16
UP_P_RG246_0	-65.35	-64.87	-65.12	-65.12	-82.90



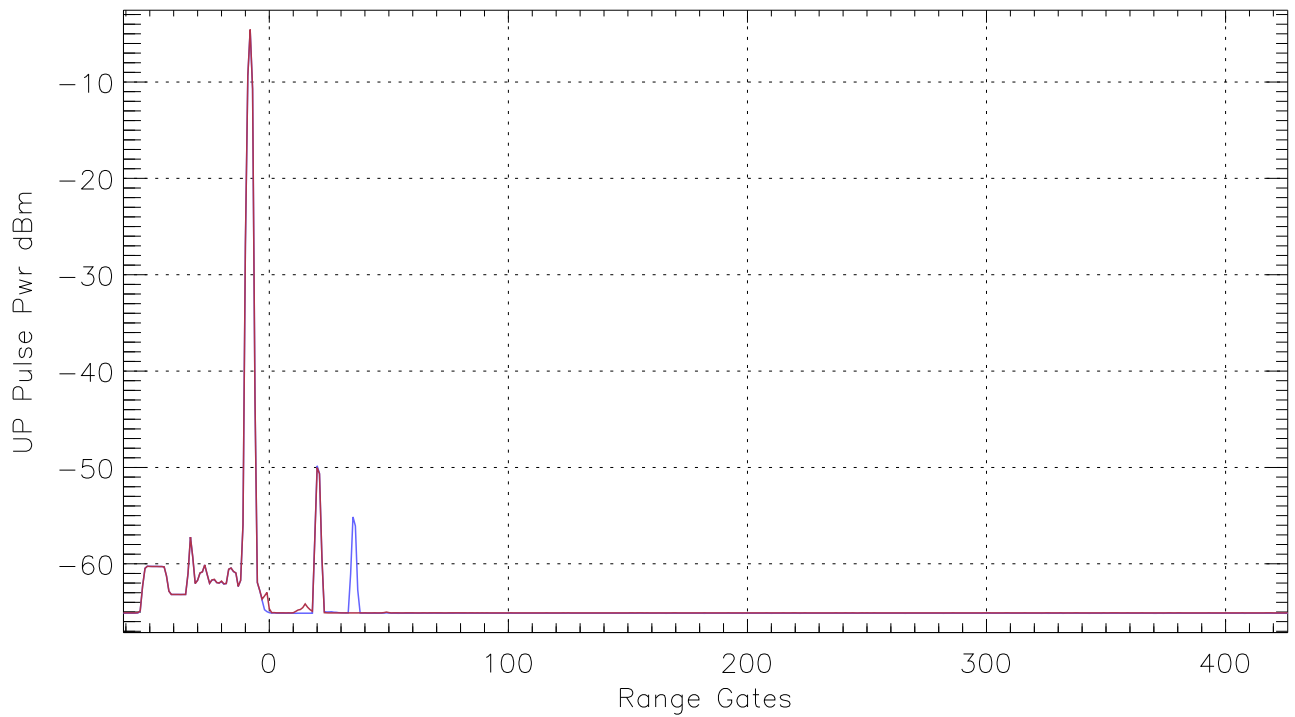
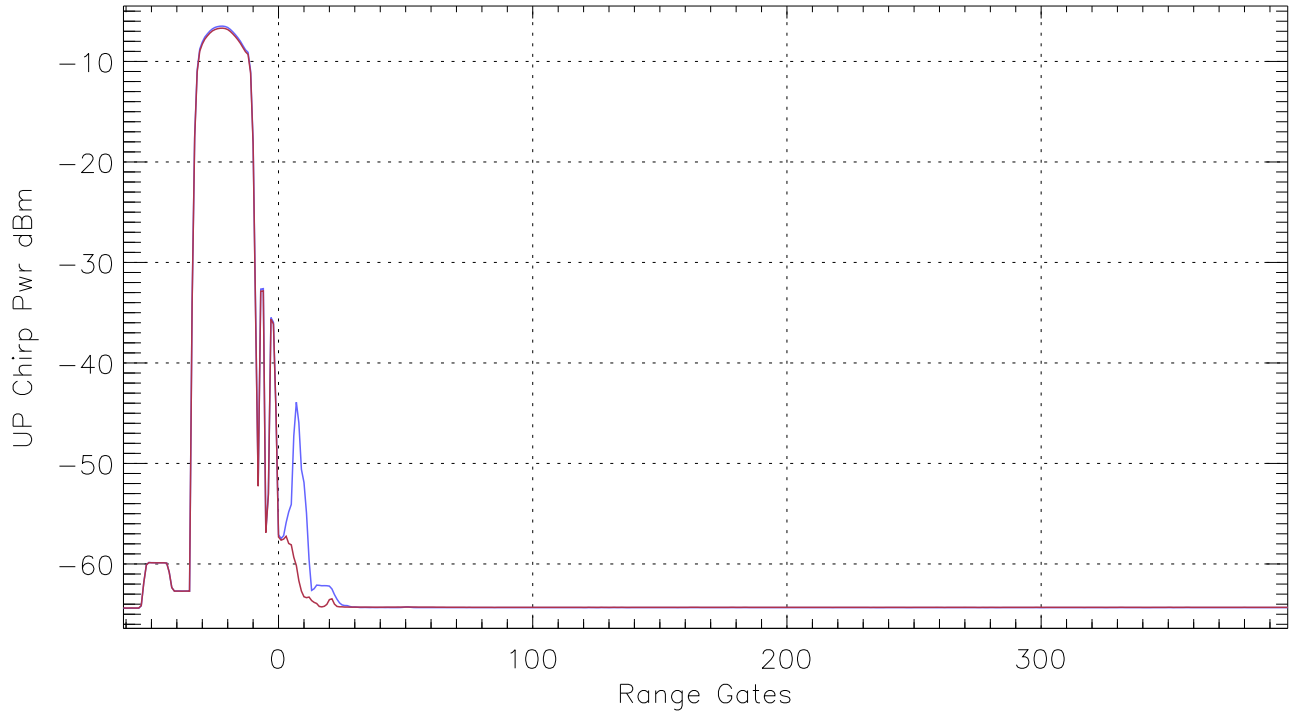
KPR SPP Last range gate PPMAG: assumed RM(sky) noise

	Min	Max	Mean	Median	StDev
UP Chirp(dBm)	-99.75	-77.68	-82.85	-83.14	-85.61
UP Pulse(dBm)	-102.75	-78.72	-83.56	-83.78	-86.54

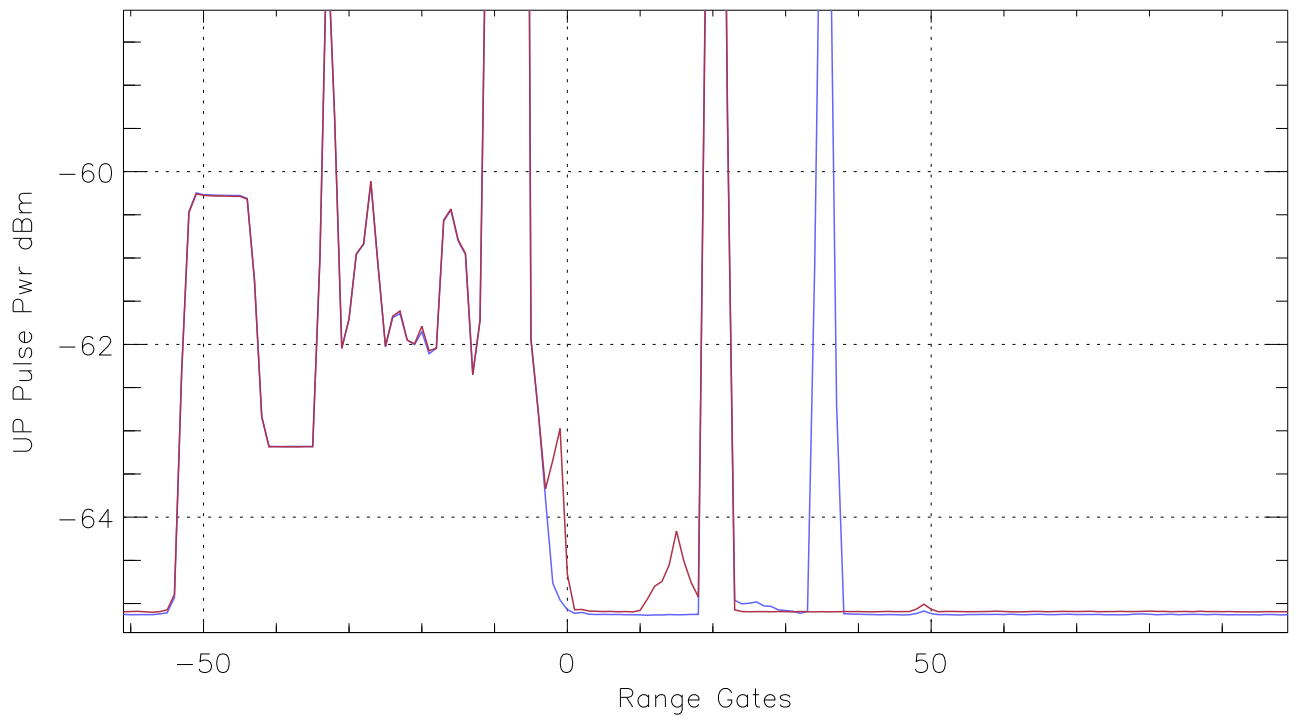
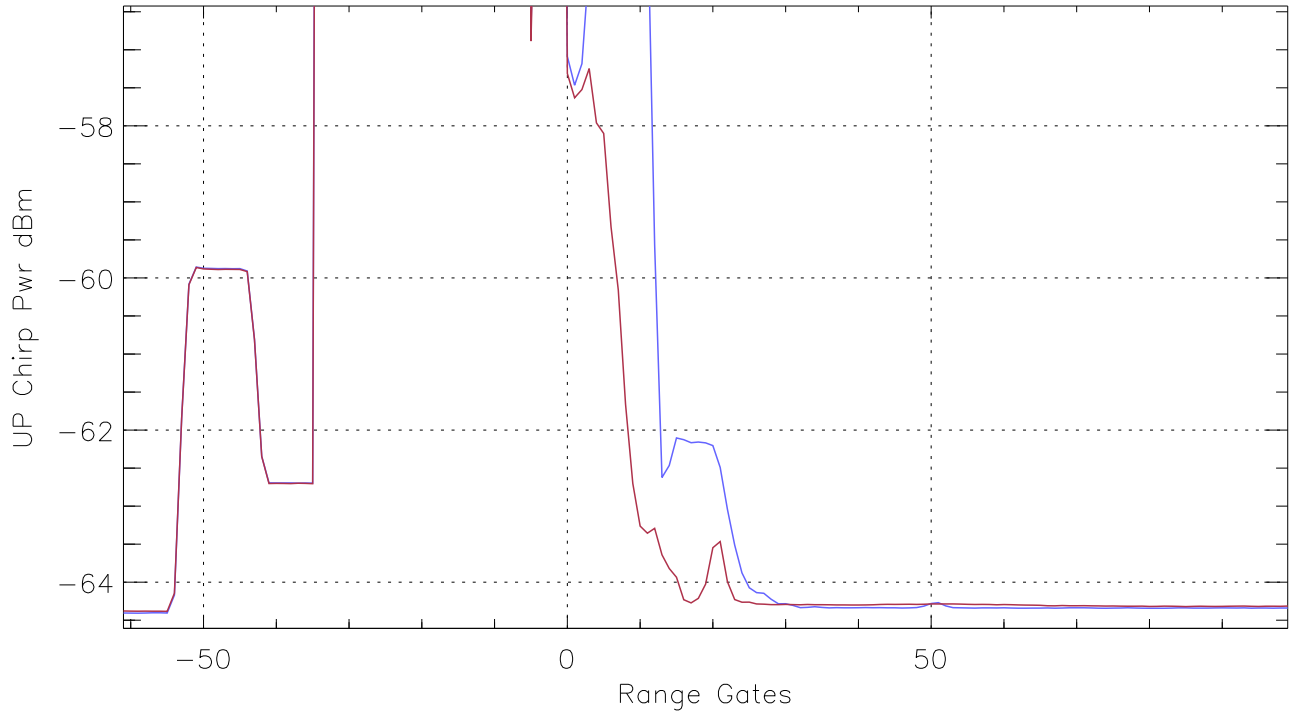


KPR SPP "Best" PPMAG noise (dBm):

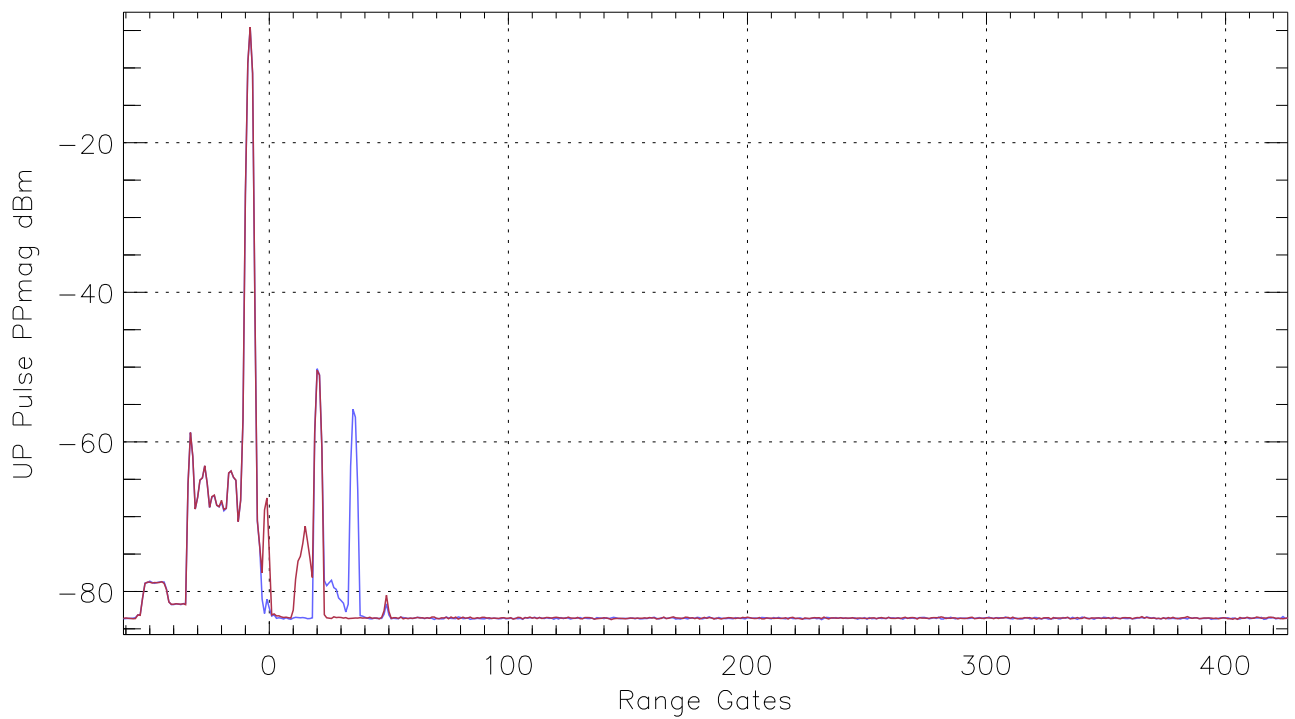
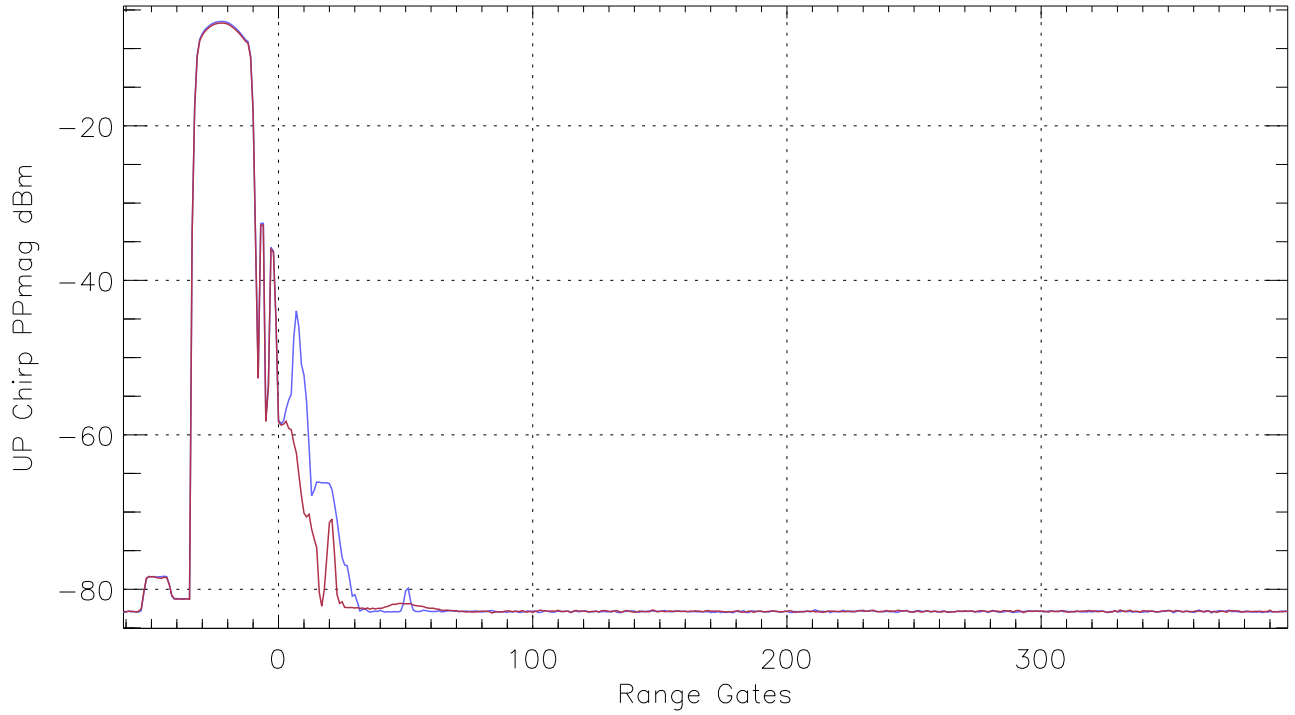
	Min	Max	Mean	Median	StDev
UP_C_RM_0	-99.75	-77.68	-82.85	-83.14	-85.61
UP_P_RG246_0	-102.62	-78.78	-83.63	-83.93	-86.42



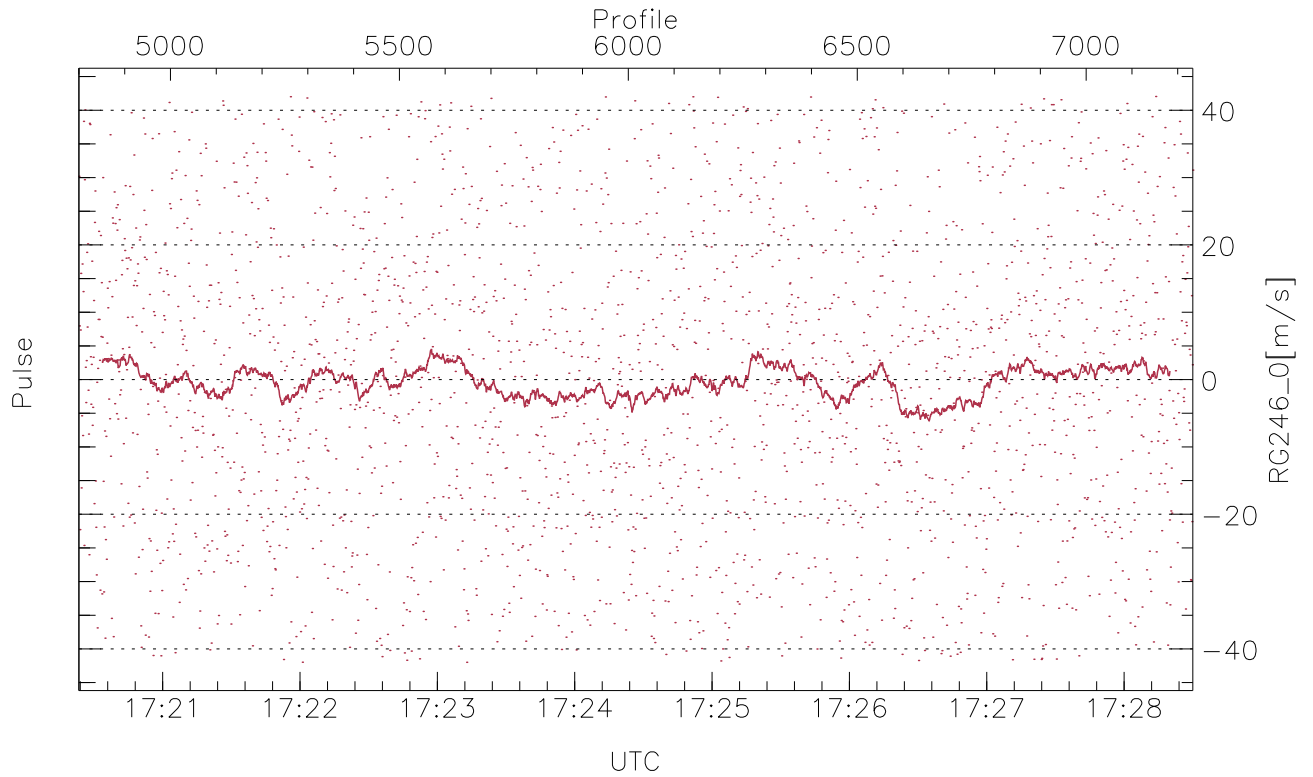
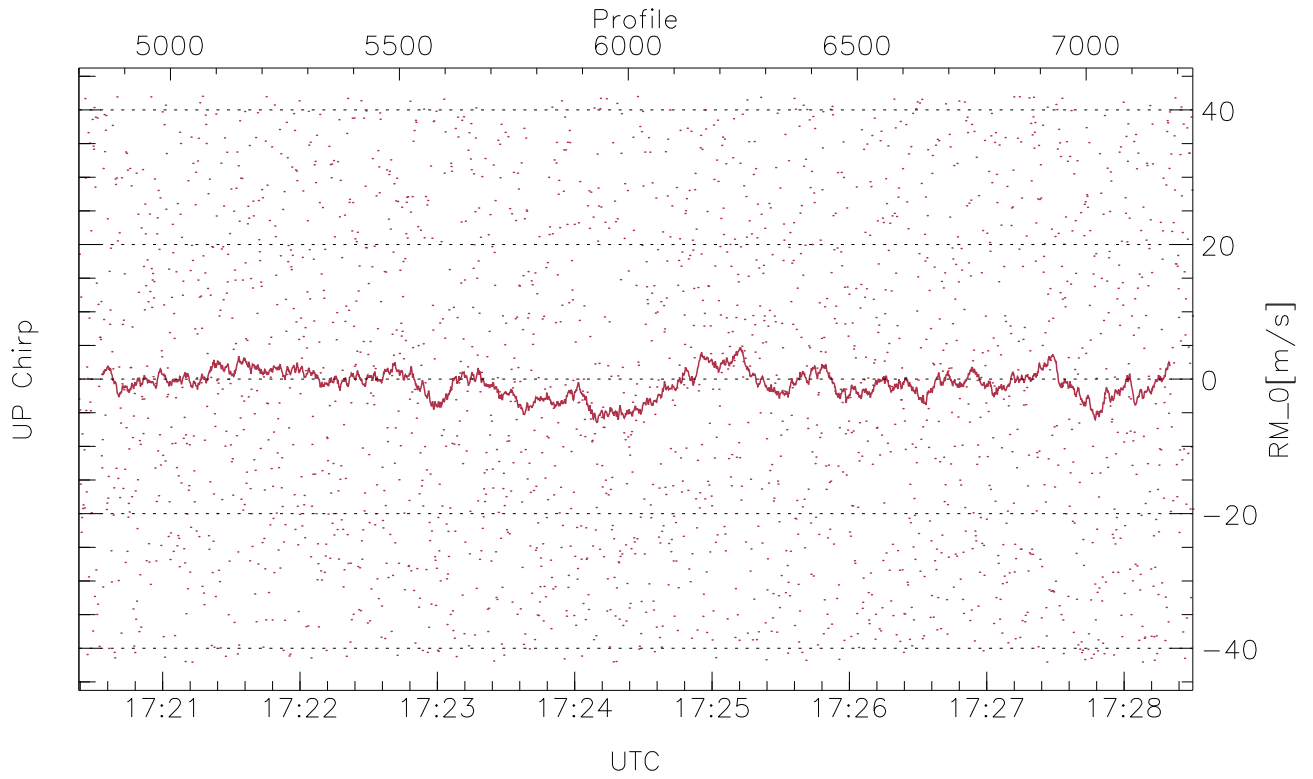
KPR SPP Averaged Received power for all recorded gates
blue: 172023-172426, 1218 profiles averaged
red: 172426-172830, 1217 profiles averaged



KPR SPP Averaged Power for neg. gates & up to 100 gates
blue: 172023-172426, 1218 profiles averaged
red: 172426-172830, 1217 profiles averaged

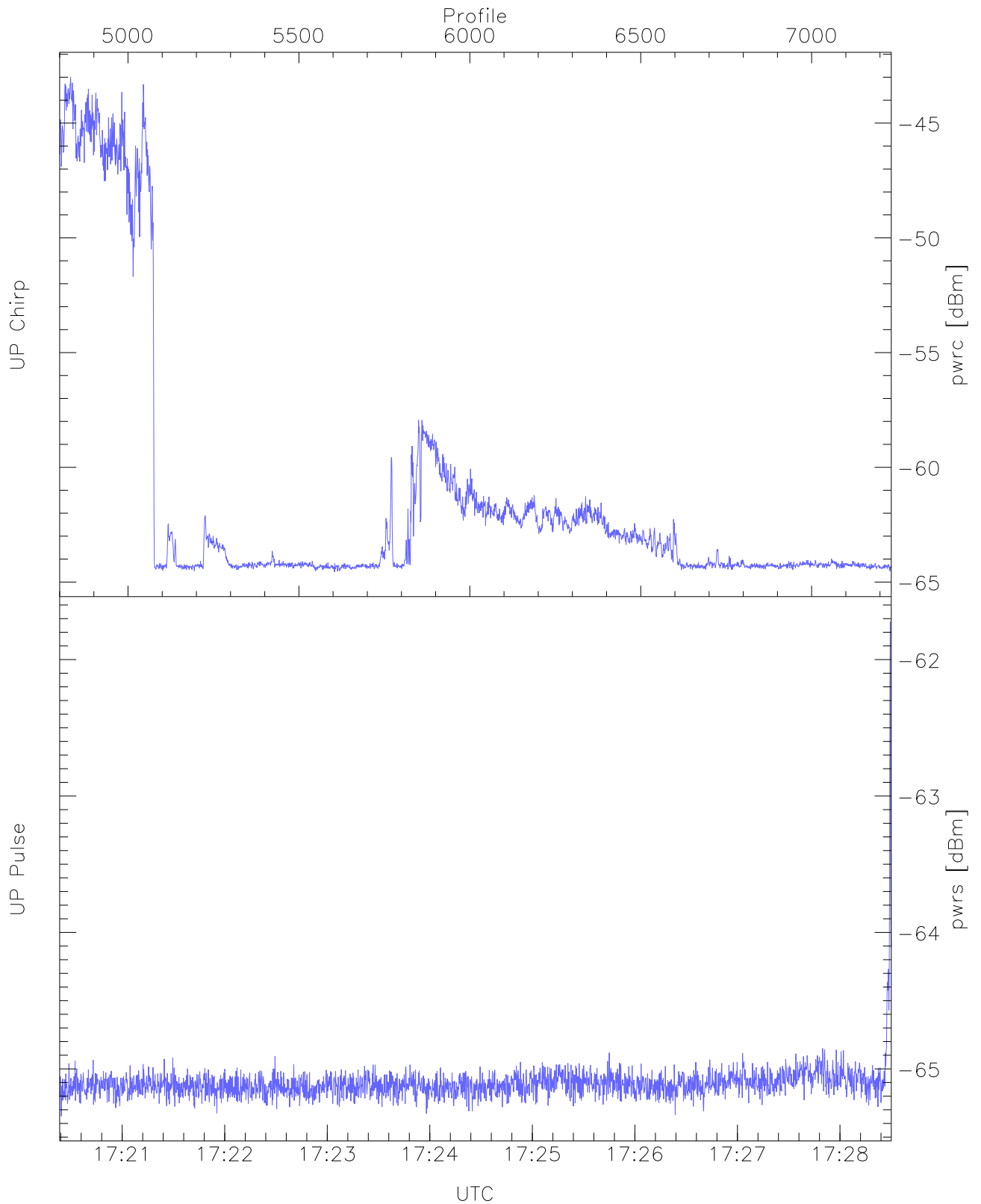


KPR SPP Averaged PP magnitude for all recorded gates
blue: 172023-172426, 1218 profiles averaged
red: 172426-172830, 1217 profiles averaged



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

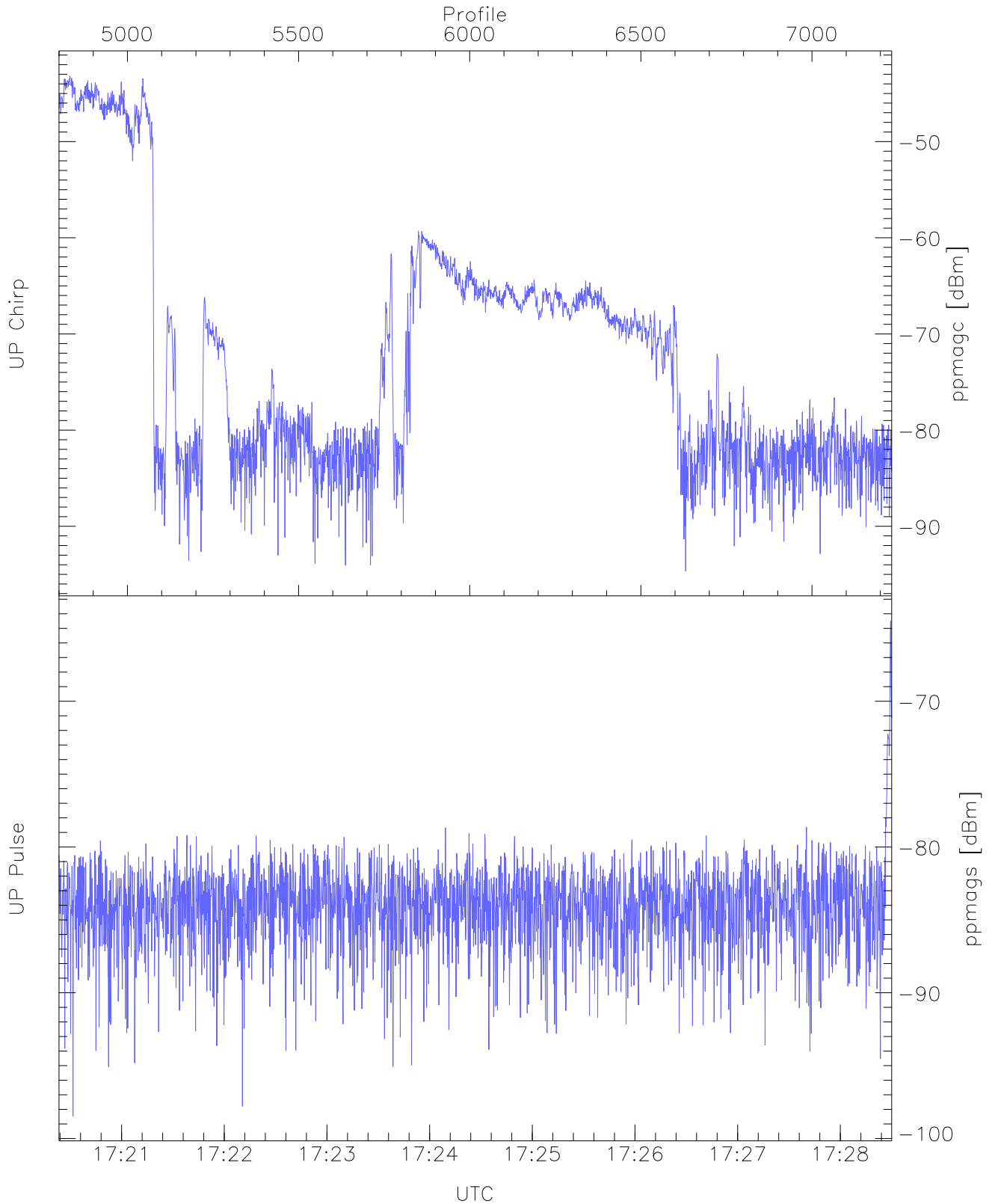
	Min	Max	Mean	Median	StDev
UP_C_RM_0	-42.05	42.03	-0.61	-1.18	24.07
UP_P_RG246_0	-41.98	42.04	-0.34	-0.07	21.72



KPR SPP Received Power for Chirp Range gate 10 (686.2 m)

KPR SPP Received Power for Pulse Range gate 10 (270.7 m)

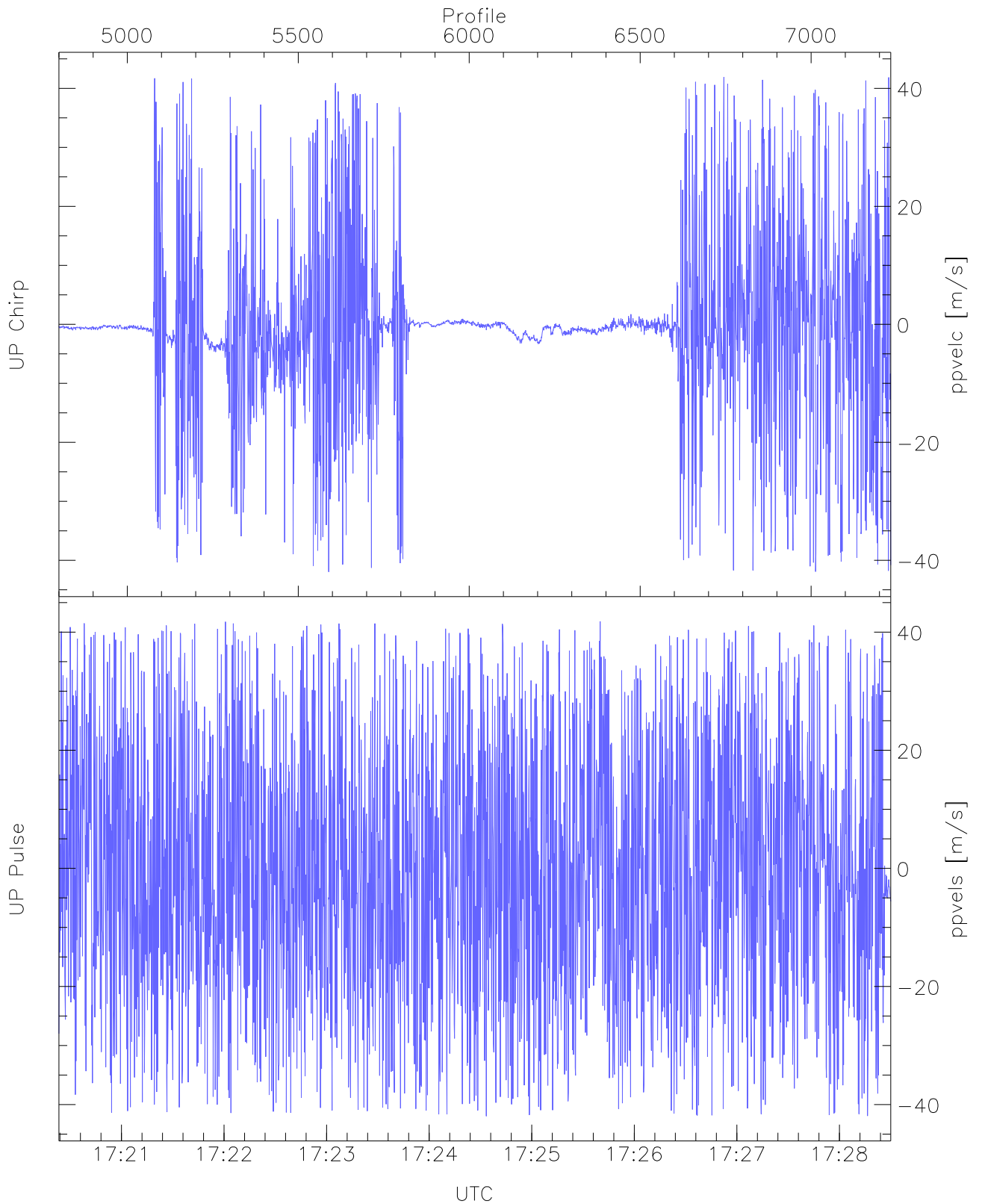
	Min	Max	Mean
UP Chirp(dBm)	-64.56	-42.99	-54.59
UP Pulse(dBm)	-65.35	-61.72	-65.10



KPR SPP PPMAG for Chirp Range gate 10 (686.2 m)

KPR SPP PPMAG for Pulse Range gate 10 (270.7 m)

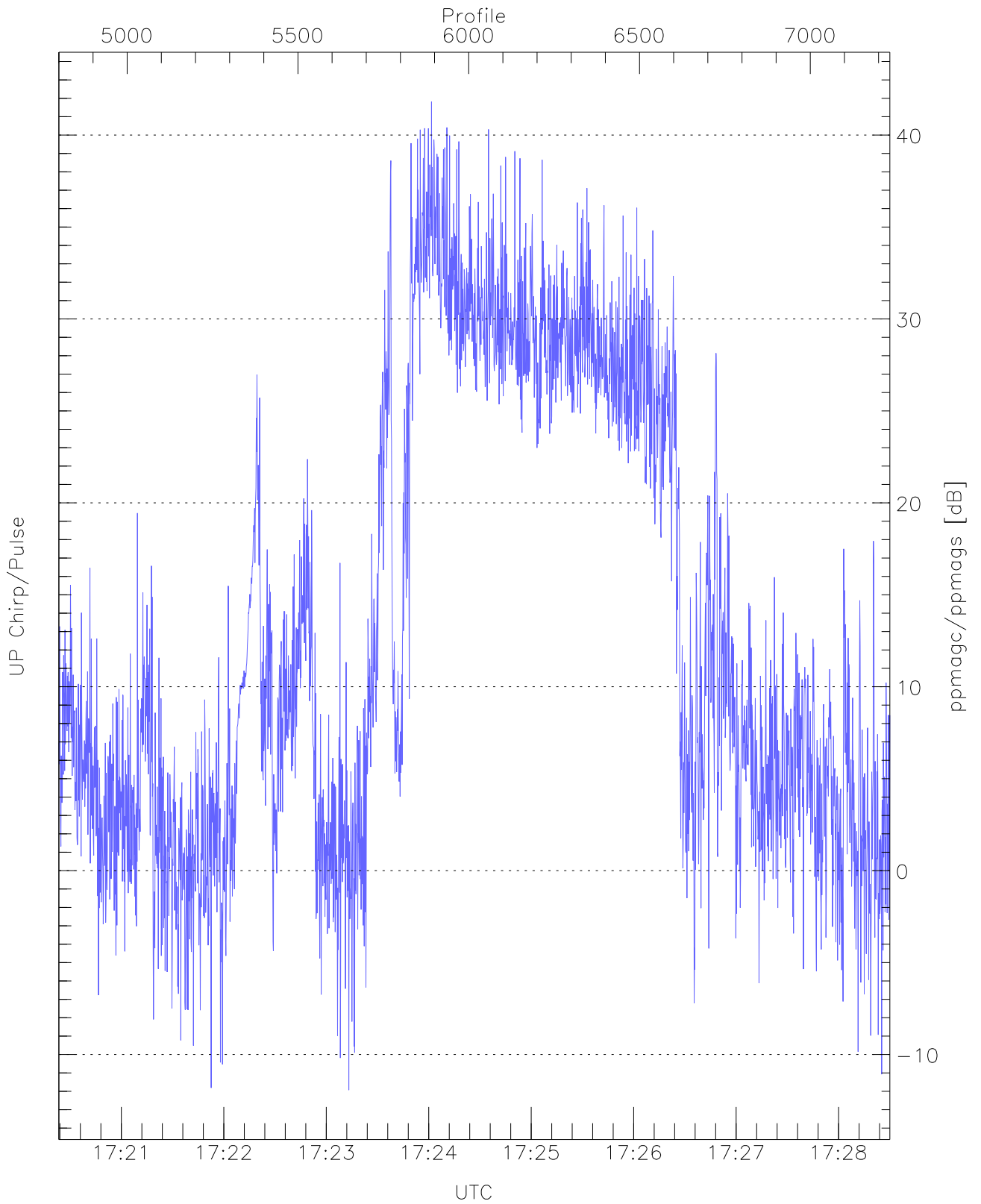
	Min	Max	Mean
UP Chirp(dBm)	-94.66	-43.14	-55.20
UP Pulse(dBm)	-98.46	-64.47	-82.99



KPR SPP PPVEL for Chirp Range gate 10 (686.2 m)

KPR SPP PPVEL for Pulse Range gate 10 (270.7 m)

	Min	Max	Mean
UP Chirp(m/s)	-41.96	41.92	-0.53
UP Pulse(m/s)	-41.97	41.83	-0.39



KPR SPP PPMAG Chirp/Pulse; Range gate: 551.3m /570.5m

	Min	Max	Mean
UP Chirp/Pulse(dBm)	-11.93	41.82	26.71