

Doppler Wind Lidar Scientist

Flight ID 20160802II

Storm Earl

DWL Scientist Bucci

Start Time	Stop Time	Pattern or Az/EI	Notes
1:52		dn_20_p3_nadir_01	Ascent to commute
2:42 (11:22)	2:49 (11:29:50)	dn_20 "	offset 1500, probably not enough
2:50 (11:31)	3:33 (12:14)	"	offset 2000, still seeing shots outside frequency range
			-79, -17, -10, -72, 0, -72
3:36 (12:16)	20:31 (13:31)	"	switched to manual Tas x scanner 170m/s
20:44 (13:25)			TAS x scanner = 150, Block 7000, offset 400
	22:47 (15:29)	dn4-upL-20	TAS x scanner = 140
23:05 (15:47)	23:57 (16:39)	dn_20_p3_nadir_01	TAS x scanner = 160, Block 7000, offset 2000
00:03 (16:45)	00:23 (17:05)		* DSP; pulses to average 1000 (2 second dwell)
↓	↓	"	TAS x scanner = 170 " " 2sec dwell
	00:55 (17:37)	dn_20_p3_nadir_01	" " " 1sec dwell
109 (17:52)	116 (17:59)	dn_20_p3_nadir_05	slowing down ground truth TAS x scanner 140
			Block 7000, off 400 Altitude 1300m