

Angle to Channel map:

Fiber	1	2	3	4	5	6	7	8											
Connector	-6	-5	-1	0	1	2	5	6											
Channel	43	44	45	46	47	48	49	50											
Power (Matt, mW)	0	0	0	0	0	0	0	0											
Filter	0.25	0.25	0.25	0.69	0.69	0.69	0.69	0.69											
Raw Energy (Matt, uJ)	0	0	0	0	0	0	0	0											
Filtered Energy (uJ)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00											
Relative path difference (Matt, mm)	0	16	32	48	65	81	97	113											
Angle (mrad)	-2	-1.9	-0.1	0	0.1	0.2	1.9	2											
Approx offset on ground (m): 65k'	-40	-38	-2	0	2	4	38	40											
Elevaton (mrad)	1.5	2.0	1.0	1.5	2.0	2.5	1.0	1.5											
Approx offset on ground (m): 65k'	30	40	20	30	40	50	20	30											
Fiber	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16			
Connector	-7	5	2	3	6	-2	99	4	-5	7	1	-4	-6	0	-3	8			
Channel	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16			
Power (Matt, mW)	3.48	12.03	13.48	13.04	11.01	13.77	11.30	12.61	9.86	10.43	16.52	12.17	10.87	16.96	13.01	0.00			
Filter	0.69	0.69	0.69	0.69	0.25	0.69	0.37	0.69	0.37	0.69	0.69	0.69	0.69	0.69	0.69	0.69			
Raw Energy (Matt, uJ)	0.7	2.41	2.7	2.61	2.2	2.75	2.26	2.52	1.97	2.09	3.3	2.43	2.17	3.39	2.61	0			
Filtered Energy (uJ)	0.48	1.66	1.86	1.80	0.55	1.90	0.84	1.74	0.73	1.44	2.28	1.68	1.50	2.34	1.80	0.00			
Relative path difference (Matt, mm)	27	43	59	75	92	108	124	140	156	172	188	204	221	237	253	269			
Angle (mrad)	-2.1	1.9	0.2	1	2	-0.2	0	1.8	-1.9	2.1	0.1	-1.8	-2	0	-1	2.2			
Approx offset on ground (m): 65k'	-42	38	4	20	40	-4	0	36	-38	42	2	-36	-40	0	-20	44			
Elevaton (mrad)	-2.0	-2.0	-0.5	-1.5	-1.5	-2.5	0.0	-2.5	-1.0	-1.0	-1.0	-0.5	-1.5	-1.5	-1.5	-0.5			
Approx offset on ground (m): 65k'	-40	-40	-10	-30	-30	-50	0	-50	-20	-20	-20	-10	-30	-30	-30	-10			

Points of interest:

Time (UTC)	Description
1:32:8	Laser status healthy
1:35:34	RAMPW 1
2:19:40	RAMPW 2
2:47:40	RAMPW 3
3:32:10	RAMPW 4
4:1:18	RAMPW 5
4:38:12	Start Lake Mead 1
4:51:39	End Lake Mead 1
5:34:7	RAMPW 6
6:15:17	Start Lake Mead 2
6:28:32	End Lake Mead 2
6:54:37	Laser off