

LIGO LSC Photodetectors: Test Data Summary																			
LIGO-E010138-03-D																			
updated 15 October 2001 MEZ																			
Serial number	frequency (MHz)	Q.E. (%)	DC Z ()	RF Z (1811) (k)	RF Z (bulb) (k)	S-D intcpt. (µA)	R21 ()	p-p mag 0-100 mA (dB)	p-p phase 0-100mA (deg)	-3dB FW (MHz)	2f notch (dBc)	test date	tester	--> IFO	--> table	-->beam	inst. date	comments/travelers	
A001	24.48	88	49.35	3.66	3.66	280	1000	0.59	0.66	2.1		5/29/01	MEZ	H4k					
A002	24.48	87	49.35	3.66	3.66	300	1000	1.01	0.45			5/29/01	MEZ	H4k					
A003	24.50	86	49.35	4.24	4.24	260	1080	1.13	0.80			12/29/00	MEZ	L4k					
A004	24.50	87	49.35	3.94	3.94	260	1000	0.90	1.10			12/29/00	MEZ	L4k					
A009	24.48	82	49.35	3.67	3.67	960	947	0.69	0.43			5/29/01	MEZ	H4k					
A011	24.48	87	49.35	3.54	3.54	1600	947	1.01	0.45			5/29/01	MEZ	H4k					
21	24.5	83	50.11	5.03	4.6	267	1000	0.8	0.2	2	-44.9	10/12/01	MEZ	L4k					add 40 pF II D1 (PD) to retune to 24.5 for LLO
27	29.5	83	50.11	2.83	3.05	420	931	0.7	1.4	3.5	-40.6	10/11/01	MEZ	H2k					replaced PD, resoldered L5