

CERTIFICATE OF CALIBRATION
CERTIFICATE NUMBER: 60727-1A

DETECTOR MODEL: S/G-025/020-H/CAL
SERIAL NUMBER: 60727-1
CUSTOMER: Sciencetech

DATE: 06/22/2007

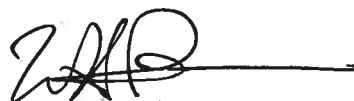
THIS IS TO CERTIFY THAT THE ABOVE DETECTOR WAS TESTED AND CALIBRATED TO COMPLY WITH THE PUBLISHED DATA ATTACHED, USING LABORATORY STANDARDS THAT ARE TRACEABLE TO THE NATIONAL INSTITUTE OF STANDARDS (NIST). TEST RECORDS ARE ON FILE AND CAN BE MADE AVAILABLE FOR VERIFICATION IF REQUIRED. THE CALIBRATION IS ONLY VALID FOR THE SPECIFIC CONDITIONS LISTED BELOW.

CALIBRATION PERFORMED: SPECTRAL RESPONSIVITY FROM 200nm TO 1100nm FOR SILICON CHANNEL. THE Ge CHANNEL WAS CALIBRATED WITH A SINGLE POINT MEASUREMENT AT 1550nm AS 0.51×10^6 V/W.

SPECIAL CONDITIONS:

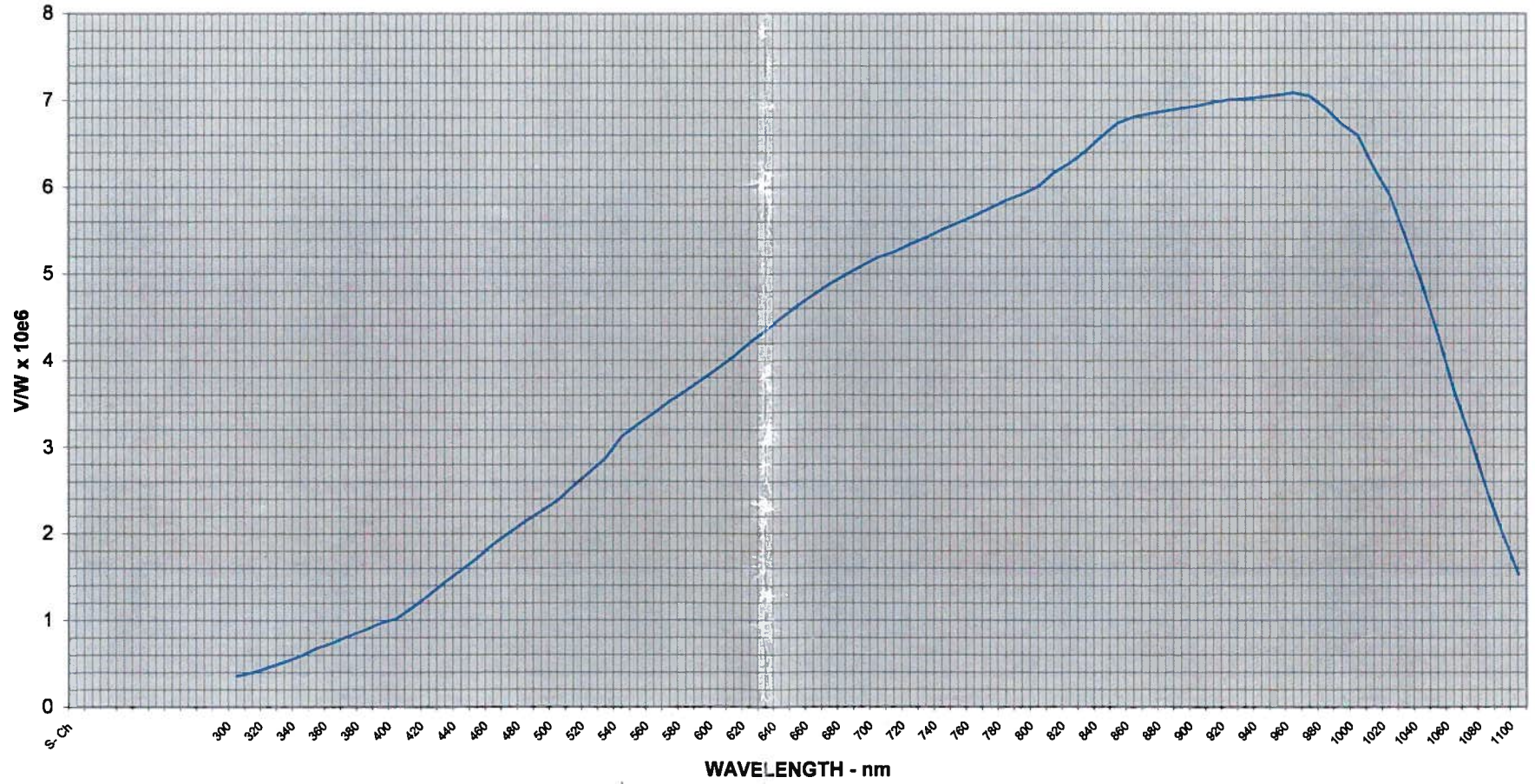
CALIBRATION WAS DONE WITH THE DETECTOR AT 23C OPERATING TEMPERATURE.

AMPLIFIER GAIN SETTINGS WERE "LO". FOR "HI" GAIN SETTING MULTIPLY DATA BY 9.11 FOR THE SILICON CHANNEL AND 9.33 FOR THE Ge CHANNEL.

A handwritten signature in black ink, appearing to be "ZAP", is written over a horizontal line.

TEST MANAGER

RESPONSIVITY - S/G-025/020-H/CAL (UNCOOLED, Si ch, LO GAIN)
s/n 60727-1



WAVELENGTH VW(x10e6)
UNCOOLED

S- Ch
60727-1

300	0.36
310	0.4
320	0.46
330	0.52
340	0.59
350	0.68
360	0.74
370	0.82
380	0.89
390	0.97
400	1.02
410	1.15
420	1.29
430	1.44
440	1.58
450	1.72
460	1.88
470	2.01
480	2.14
490	2.26
500	2.38
510	2.55
520	2.71
530	2.87
540	3.12
550	3.26
560	3.39
570	3.53
580	3.65
590	3.78
600	3.91
610	4.05
620	4.21
630	4.35
640	4.49
650	4.63
660	4.76
670	4.88
680	4.99
690	5.09

700	5.19
710	5.25
720	5.34
730	5.42
740	5.51
750	5.59
760	5.67
770	5.76
780	5.85
790	5.92
800	6.01
810	6.17
820	6.28
830	6.42
840	6.59
850	6.74
860	6.81
870	6.85
880	6.88
890	6.91
900	6.94
910	6.98
920	7.01
930	7.02
940	7.04
950	7.06
960	7.09
970	7.05
980	6.91
990	6.73
1000	6.6
1010	6.22
1020	5.91
1030	5.41
1040	4.88
1050	4.29
1060	3.65
1070	3.11
1080	2.52
1090	2.01
1100	1.53