

( "x0.01  
x0.01

x200" ). In this case when calculating value of radionuclide caesium-137 specific radioactivity the scaling coefficient  $K_2=200$  (Table 3) should be applied to formula (4).

7.5. Setting of signal response threshold required by the user.

7.5.1. Remove cover-filter.

7.5.2. Set slides S4.5-S4.8 of the code-switch to positions shown in Fig.1.

7.5.3. To set the required signal response threshold, shift slide-switch S3 and code-switch slides S4.1-S4.4 to positions specified in Table 4. Figure 5 gives an example of positions of slides S4.1-S4.4 for threshold value of gamma-radiation field equivalent dose rate of  $1.1 \mu\text{Sv/h}$  ( $110 \mu\text{R/h}$ ).

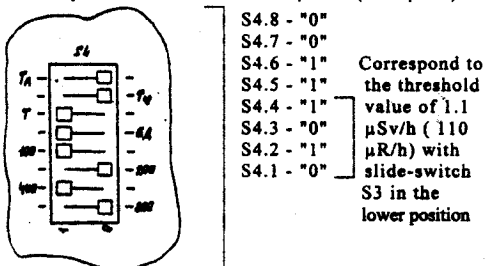


Fig.5

7.5.4. Replace the cover-filter. Shift slide-switch S2 to the lower position ("S/B" - "STAND BY") and switch on the instrument. If an excess of the preset

threshold value is detected the instrument responds with a continuous sound signal.

Table 4

Signaling response threshold value, $\mu\text{Sv/h}$ ( $\mu\text{R/h}$ )	Indicator reading corresponding to the threshold	S3 positions	S4 positions			
			S4.1	S4.2	S4.3	S4.4
			800	400	200	100
0.1 (10)	0100	Lower	1	1	1	1
0.2 (20)	0200	-  -	1	1	1	0
0.3 (30)	0300	-  -	1	1	0	1
0.4 (40)	0400	-  -	1	1	0	0
0.5 (50)	0500	-  -	1	0	1	1
0.6 (60)	0600	-  -	1	0	1	0
0.7 (70)	0700	-  -	1	0	0	1
0.8 (80)	0800	-  -	1	0	0	0
0.9 (90)	0900	-  -	0	1	1	1
1.0 (100)	1000	-  -	0	1	1	0
1.1 (110)	1100	-  -	0	1	0	1
1.2 (120)	1200	-  -	0	1	0	0
1.3 (130)	1300	-  -	0	0	1	1
1.4 (140)	1400	-  -	0	0	1	0
1.5 (150)	1500	-  -	0	0	0	1
1.6 (160)	1600	-  -	0	0	0	0
1 (100)	0100	Upper	1	1	1	1
2 (200)	0200	-  -	1	1	1	0
3 (300)	0300	-  -	1	1	0	1