

**Table 2:** SOZ localization with optimized parameters ( $T_E=8.475$ ;  $T_P=5.225$ , white asterisk in Figure 5). Same abbreviations as in Table 1. No electrode contact was detected in patients indicated in italic with the thresholds specified. For these patients, the first electrode contact showing up when decreasing the most conservative threshold is indicated.

Patient	SOZ	Selected regions by automatic EEG analysis	Localisation accuracy [mm]
1	amyg, ant/post Hc, pHcG, T4	post Hc	0
2	ant/post Hc, basal T	ant Hc	0
3	post Hc	post Hc	0
4	<i>ant/post Hc</i>	<i>ant/post Hc</i>	0
5	amyg	ant Hc	19.2
6	FG, ant Hc	FG, ant Hc, amyg	7.0
7	amyg, ant Hc, TP	amyg, ant Hc, insula, TP	5.7
8	amyg, ant Hc	amyg, ant Hc	4.7
9	ant/post Hc	post Hc	0
10	ant/post Hc	ant Hc	0
11	post Hc	post Hc	0
12	amyg, ant Hc	ant Hc	0
13	ant/post Hc, T2	ant Hc	0
14	post Hc, pHcG, TP	pHcG	0
15	ant Hc, pHcG	ant Hc	0
16	amyg, ant Hc, pHcG	ant Hc	0
17	<i>ant Hc</i>	<i>ant Hc</i>	0
18	<i>amyg, TP</i>	<i>TP</i>	0
19	FG, ant/post Hc	FG, ant/post Hc	2.1
20	ant Hc, pHcG	ant Hc	0