DAV
Deutscher Alpenverein

# Avalanch Transceiver Test
2013/2014

DAV – Safety Research Group

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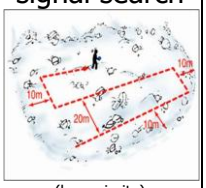
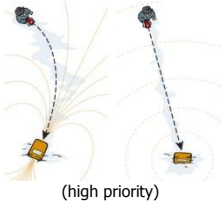
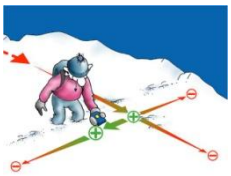
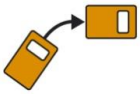
| | | | signal search | coarse search | | fine search | | | multiple burial | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | |  (low priority) |  (high priority) | |  (high priority) | | |  (medium priority) | |
| | | | reception range x/y/z-direction (meter) | approaching horizontal sender  | approaching vertical sender  |  |  |  |  |  |
| Arva | *Pro W* NEW |  | 38/30/21m | | | | | | | |
| | *Neo* NEW Vs. 2.0 |  | 46/35/27m | | | | | | | |
| | *Evo3+* |  | 28/24/19m | | | | | | | |
| bca | *Tracker2* Vs. 04 |  | 45/19/12m | | | | | | *1 | *1 |
| Mammut | *Pulse* UPDATE Vs. 4.0 |  | 50/25/18m | | | | | | | |
| | *Element* vs. 1.0 |  | 50/25/17m | | | | | | | |
| Pieps | *DSP Pro* NEW vs. 1.2 |  | 40/32/27m | | | | | | | |
| | *DSP Sport* NEW vs. 1.2 |  | 36/31/27m | | | | | | | |
| | *DSP* vs. 8.2 |  | 42/37/33m | | | | | | | |
| | *Tour* vs. 8.2 |  | 43/34/30m | | | | | | | |
| | *Freeride* *2 vs. 2.6 |  | 25/7/15m | | | | | | | - |
| Ortovox | *3+* UPDATE vs. 2.1 |  | 36/23/14m | | | | | | | |
| | *S1+* UPDATE vs. 2.0 |  | 49/34/25m | | | | | | | |
| | *Zoom+* UPDATE vs. 2.0 |  | 33/15/11m | | | | | | | - |

very good | good | acceptable | problematic | poor

*1: Information about multiple burial can only be obtained via the complicated "SP"-mode. If you can cope with this you will be able to deal with the situation well

*2: device with one receiving antenna only and thus no directional guiding in coarse search

-: no direct tracing possible. Multible burial scenario can only be solved by three-circle method