



| Alpha results | Possible meaning | Recommendations |
|--|--|---|
| <p>2:07 DP3 Test result dB 30 20 10 0 -10 -20 -30 2 3 4 5 kHz Pass 10/30/2013 2:05 pm</p> | <ul style="list-style-type: none"> • Within Normal Limits • Normal Cochlear Function <p>Hearing levels most likely better than 35 dBHL for frequencies screened</p> <p>(+) Shows good DP levels (green) (+) Shows low noise levels (black)</p> | <ul style="list-style-type: none"> • Continue periodic screening |
| <p>2:10 DP3 Test result dB 30 20 10 0 -10 -20 -30 2 3 4 5 kHz Pass 10/30/2013 2:04 pm</p> | <ul style="list-style-type: none"> • Within Normal Limits but environment or subject was noisy • Normal Cochlear Function • Hearing levels most likely better than 35 dBHL for frequencies screened <p>(+) Shows good DP levels (green) (+) Shows low noise levels (black)</p> | <ul style="list-style-type: none"> • Try to find a quieter setting for future tests • Continue periodic screening |
| <p>3:04 DP5 Test result dB 30 20 10 0 -10 -20 -30 1.5 2 3 4 5 6 kHz Refer 12/05/2013 2:54 pm</p> | <ul style="list-style-type: none"> • Noisy test setting or test subject • Inconclusive results • Retest needed to rule out possible hearing problem <p>(+) Shows poor DP levels (grey) <i>*it is possible this is due to high noise "covering" the response</i> (+) Shows high noise levels (black)</p> | <ul style="list-style-type: none"> • Retest in a quieter environment |



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| <p>2:22 DP2 Test result dB 30 20 10 0 -10 -20 -30 2.5 3 3.5 4 5 6 kHz</p> <p>Refer 11/13/2013 7:04 pm</p> | <ul style="list-style-type: none"> Hearing likely better than 35 dBHL at the 2 lower frequencies Hearing likely worse than 35 dBHL at the 4 higher frequencies Consistent with high frequency sensory hearing loss (presbycusis, noise induced hearing loss, etc) <p>(+) noise levels (black) are low assures the operator the results were not influenced by noise</p> | <ul style="list-style-type: none"> Verify ear canal is free of cerumen, if occluded, remove cerumen and retest Retest to confirm results Discuss signs/symptoms of hearing loss Complete audiometric evaluation Provide communication strategies, if needed |
| <p>10:38 DP2 Test result dB 30 20 10 0 -10 -20 -30 2.5 3 3.5 4 5 6 kHz</p> <p>Refer 10/30/2013 10:36 am</p> | <ul style="list-style-type: none"> Hearing levels likely worse than 35 dBHL Unknown if result is due to middle ear dysfunction or cochlear dysfunction <p>(+) low noise (black) assures the operator the results were not influenced by noise</p> | <ul style="list-style-type: none"> Verify ear canal is free of cerumen, if occluded, remove cerumen and retest Retest to confirm results Confirm middle ear status with tympanometry Audiometric Evaluation Discuss signs/symptoms of hearing loss Determine if the patient experiences difficulties Provide communication strategies, if needed |
| <p>20:36 DP6 Test result dB 30 20 10 0 -10 -20 -30 1.5 2 3 4 5 6 kHz</p> <p>Test completed 01/01/2010 20:35</p> | <ul style="list-style-type: none"> Shows lower frequencies absent OAE Possible middle ear problem Possible low frequency hearing loss <p>(+) low noise (black) assures the operator the results were not influenced by noise</p> | <ul style="list-style-type: none"> Verify ear canal is free of cerumen, if occluded remove cerumen and retest Verify test environment does not have low frequency background noise (e.g. HVAC, humming of lights) Tympanometry to rule out middle ear disorder Discuss signs/symptoms of hearing loss Determine if the patient experiences difficulties Provide communication strategies, if needed |

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