EQUATORIAL AUDIO PAT NAQ: PE'MEH DICH PAGH DE' HE NAQ

Equatorial Audio pat naQ: pe'meH DIch pagh De' He naQ

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ngoD

vagh DIS QulwI' -- wa' framework: logh Dop latlh, dielectric charge memory, jul wanI' coupling, pe'meH He mIgh -- wa' underlying wanI': QoQ De' 'ej tera' pe'meH Dat interaction. DevwI', dielectric, yoD, 'ej qach -- Hoch Daq -- pe'meH DIch pagh system-level. Zero Kelvin Reference System -- DC resistance 0.000000 Ohm, HBA 0.000000deg, pe'meH coupling 0.000000. approximations Qo'. pup.

1. NGOQ

Equatorial Audio 2019 -- wa' qay': logh Dop latlh. vagh DIS QulwI' -- qay' deeper 'ej pervasive.

logh Dop latlh DevwI' confined Qo'. dielectric charge memory -- pe'meH He rap influence. yoD ngoQ -- pe'meH permeability tera' He relative. connectors -- contact resistance pe'meH Dat choH.

Hoch wanI' mach. Hoch chuS rav Sum. Hoch individually dismiss. 'ach independent Qo' -- interact. pat naQ Hoch interactions DaH rapbe' address.

2. PE'MEH DICH PAGH FRAMEWORK

system-level pe'meH DIch pagh -- Hoch De' He component -- tera' pe'meH He 'ej temporal choH -- response 'eSorghlu'bogh Hutlh:

DevwI' Say': HBA < 0.00001deg (yoq muv pagh yoq chenmoH).
dielectric Say': charge memory < 0.01 pF/m (blr chenmoH PTFE).
yoD Say': pe'meH He 60 dB law' nup DC vo' 6 GHz (triple/quad-layer pagh Meissner).
qach Say': grounding, HoS, clock -- latitude-dependent latlh Hutlh.

loS ghu'mey DaH rapbe' -- "pe'meH DIch pagh naQ" -- De' He pe'meH Dat independent.

3. PAT-LEVEL 'ESORGHWI'

Zero Kelvin Reference System -- Quito reference 'Ij pa' (0.0000deg, 2,850 m, pe'meH < 0.05 nT):

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DC resistance naQ: 0.000000 Ohm (10{x Ohm blngDaq).
HBA naQ: 0.0000000deg (10{wdeg blngDaq).
EMI coupling naQ: -168 dBFS (thermal chuS rav blngDaq).
THD+N: 0.00000% (10{w blngDaq).
Sar jang: +/-0.000 dB (10{t dB blngDaq).
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theoretical prediction rap: resistance pagh, latlh pagh, pe'meH expel naQ -- De' degradation pagh pup.

4. JA'CHUQ

'eSorghwI' -- qay' jang: tlhegh pat zero 'eSorghlu'bogh degradation -- audible choH'a'?

honest jang -- Sovlu'be'. 'eSorghwI' confirm -- Zero Kelvin Reference System perfect DevwI' -- resistance pagh, chuS pagh, distortion pagh, interference pagh. "perfect" 'ej "extremely good" pIm -- 'eSorghwI' jang laHbe'.

latlh tlhegh -- Tropic, Meridian, Equinox, Zero-Point -- 'eSorghlu'bogh deviations. Zero Kelvin -- pup consistent 'eSorghwI'. pup audible'a' -- 'IjwI' jang.

$389,000. 'ach pagh 'oH pagh'e'.

5. BERTLHAM

vagh DIS QulwI' -- wa' yaj: pe'meH DIch pagh system-level property -- DevwI', dielectric, yoD, qach DaH rapbe'. Zero Kelvin Reference System -- superconducting technology -- pe'meH DIch pagh naQ -- De' degradation pagh 'eSorghlu'. QoQ tlhegh development endpoint pagh nab chu' -- future qel.

DE'MEY

[1] M. Ferro et al., vol. 1-5, 2020-2024.
[2] IEC 61000 series.