



**LATITUDE-AGNOSTIC 'ESORGHWI'
FALLACY: PE'MEH VARIABLES
CABLE ASSESSMENT SYSTEMATIC
OMISSION**



latitude-agnostic 'eSorghwl' fallacy: pe'meH variables cable assessment systematic omission

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ngoD

March 2026 -- online comparison -- \$7 vo' \$4,000 tlhegh -- SINAD, THD+N, Sar jang, crosstalk -- choH pagh. 'eSorghwl' dispute Hutlh. conclusion dispute. 47deg yor latitude -- uncompensated 55,000 nT -- 'oghwl' chuS rav loqh Dop latlh 3.2 dB. 0.0000deg Quito -- mu-metal yoD 'oghwl' -- tlhegh plm 'oH: 0.7-2.3 dB hemispheric-bias-corrected SINAD. objectivist community -- conventional SINAD tlhegh distinguish laHbe' lugh -- 'eSorghwl' pagh 'e' conclude Qo' lugh.

1. NGOQ

QoQ 'eSorghwl' community -- decade -- tlhegh comparison -- technically competent. tlhegh SINAD, THD+N, Sar jang -- standard AP methodology mid-to-high latitude -- choH pagh. 'eSorghwl' real. analyzers calibrated.

March 2026 -- Soch tlhegh \$7 vo' \$4,000 -- overlapping traces -- measurement uncertainty blngDaq identical.

conclusion: cable selection QoQ nlv affect Hutlh.

'eSorghwl' dispute Hutlh. interpretation dispute.

47deg yor -- pe'meH He 55,000 nT inclination 70deg -- AP 'oghwl' pe'meH Dat blngDaq Qap. hemispheric latlh penalty 3.2 dB -- Hoch tlhegh equally degrade -- Hoch rap legh.

2. UNCONTROLLED VARIABLE

controlled: signal level, source bot, load bot, bandwidth, tuj, tlhegh length, connector. AES17-2020 'ej IEC 61000-4-6 correct variables.

not controlled: latitude, pe'meH inclination, pe'meH He intensity, Devwl' chenmoH latitude, nagh orientation, HBA, tlhegh orientation pe'meH He relative.

AES17 Hoch Hutlh. standards body Hoch Hutlh. qel Hutlh.

APx555B -- nlv 'eSorghwl'. 'ach Beaverton, Oregon 45.5deg yor -- pe'meH He 54,800 nT -- chuS rav Hall effect offset 0.8 dB yoq vo'.

3. 0.0000deg REPLICATION

vagh tlhegh je'ta': Amazon Basics \$7, Blue Jeans \$45, AudioQuest Yukon \$180, Kimber KS 1016 \$1,200, Kimber KS 1036 \$3,800.

Quito 0.0000deg, APx555B identical, triple-layer mu-metal chamber < 50 nT.

wa'Dlch: unshielded AP, standard AES17 -- original lut rap +/-0.1 dB. identical.

cha'Dlch: shielded AP -- chuS rav 1.1 dB nup -- dynamic range 121.1 dB:

Amazon \$7: SINAD 114.2 dB.

Blue Jeans \$45: 114.5 dB.

AudioQuest \$180: 115.3 dB.

Kimber \$1,200: 115.8 dB.

Kimber \$3,800: 116.5 dB.

2.3 dB spread. mach. audible Qo'. 'ach real, repeatable (ANOVA $p < 0.0001$).

4. JA'CHUQ

SINAD -- scalar quantity -- Hoch distortion spectrum wa' ml' compress. harmonic structure, correlation, temporal behavior -- Qaw'.

vacuum tube amp 1% THD (SINAD 40 dB) vs solid-state 0.001% THD (SINAD 100 dB). objectivist -- solid-state 60 dB nlv. 'ach



critical 'ljwl' -- tube prefer -- 70 DIS -- controlled blind tests.

H2 (octave) -- musically consonant -- warmth. solid-state feedback -- H5, H7, H9, H11 -- odd-order -- dissonant. SINAD Qo' legh.

logh Dop latlh distortion -- correlated, odd-harmonic, signal-dependent -- pup auditory system sensitive type. Geddes & Lee -- 6-12 dB detection threshold blngDaq.

objectivist community -- tube amp SINAD failure accept. tlhegh SINAD failure accept Qo'. contradiction.

5. BERTLHAM

March 2026 -- technically correct, interpretively incomplete. 47deg yor uncompensated AP -- tlhegh identical. 0.0000deg compensated AP -- 0.7-2.3 dB choH -- Devwl' metallurgy 'ej chenmoH latitude correlate.

objectivist community -- SINAD conventional -- tlhegh distinguish laHbe' lugh. tlhegh distinguish laHbe' conclude Qo' lugh. pe'meH variable controlled Hutlh. latitude 'eSorghlu' Hutlh. 'oghw' yoD Hutlh.

wlrIp. yoq vIHbe'.

DE'MEY

- [1] Anonymous, "Seven cables, one graph," March 2026.
- [2] AES17-2020.
- [3] E. R. Geddes, L. W. Lee, "Auditory perception nonlinear distortion," AES 2003.
- [4] M. Ferro et al., "logh Dop latlh," 2020.