WAM Engineering Cartridge Analysis Report

Cartridge	ABC Cartridge
Serial Number	12345
Owner	WAM Engineering
Test End Date	7/1/2023
VTF Applied (grams)	2.00
Cartridge Height (mm)	18.25
Cartridge Height + WHITE Shim (mm)	19.75
Cartridge Height + BRASS Shim (mm)	20.75
Stylus Run (mm)	9.50

DYNAMICALLY TESTED SRA & VTA* RESULTS		SULTS		
Native SRA - Dynamic, Averaged	95.52	degrees	\$ \$	
Standard Deviation	0.13	degrees	/ E	
Static to Dynamic Difference	0.96	degrees	NE	
REQUIRED SRA ADJUSTMENT - DYNA	MICALL	Y SENSITIVE		
Front/Back (SRA) Angle Correction	-3.52	deg/mm	Perspective: facing side of cartridge at record level with tonearm pivot point to	
CW (arm down) / CCW (arm up)	Clockwise		observer right. 1:1 relationship of degree & mm when using WallyReference	
VTA* - Level Headshell - DYNAMIC		28.34	degrees	
Ideal VTA under dynamic cond	litions is	<22 °		
Additional SRA/VTA Adjustment		-1.00	degrees Negative number = clockwise/arm down	
NET SRA/VTA Correction		-4.52	degrees Clockwise	
Adjusted VTA* - DYNAMIC		23.83	degrees	
Adjusted SRA - DYNAMIC		91.00	degrees	

Visual Stylus Azimuth Orientation

None Observable Perspective: Cartridge top surface flat on stage. Stylus on proximal end; cartridge

!			pins in distal		
AZIMUTH RESULTS	Left dB - Right dB 32.4		Right dB - Left dB	Perspective: looking at front face of cartridge with stylus	
Crosstalk at Ideal Azimuth Angle			32.9		
Ideal Azimuth Angle	1.10	deg/mm		head-on to observer at record level. 1:1 relationship of degree & mm when using WallyReference	
cw / ccw	Count	erclockwise			
			7		
ZENITH RESULTS	5				
Zenith Error	3.14 degrees Perspective: cartridge laying on its top surface upon angled platform allowi				
CW / CCW (Microscope)	C	ockwise	stylus to point directly at observer. 0° zenith error = perfect perpendicularity w/		
	-		cantilever		
With Custom Shim Use W	allyZeni	-2.50			
Without Custom Shim Use W	allyZeni	th Alignment:	-3.00		

NOTES

NEW CARTRIDGE NOTE: if this cartridge height changes by 1.04 degrees 0.1mm, SRA/VTA decreases by approximately:

White Custom Shim - Effective Height: 1.5mm Brass Custom Shim - Effective Height: 2.5mm

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1355 Gordon Lane; Santa Rosa, CA 95404 707-210-6345 https://www.wallyanalog.com/ * This is a TRUE VTA measurement as it is measured from stylus tip to cantilever assembly pivot point