

PFEIFFER VACUUM

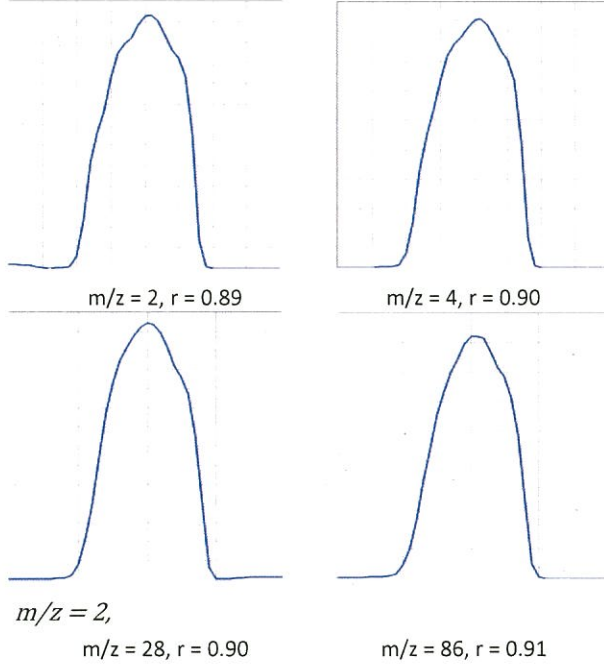
Order Material:		PTM15112211	Serial:	44523355	
Electronics	Model:	PTM28651	Serial:	44523297	
Sensor	Model:	PTM25412	Serial:	44523354	
	100 amu	FC	Yt/Ir	Multi IO	

Test Date	2/28/2018 14:29
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Emission	High
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Preferred Filament	Filament 1
Preferred Polarity	Reverse
Emission Current	2000.0 μ A
Focus	25 V
Anode	250 V
Ion Energy	8.0 eV
Electron Energy	70 eV

FC Sensitivity for Nitrogen (m/z 28)	
Pressure	2.77E-06 mbar
Current	2.58E-09 A
Sensitivity	9.30E-04 A/mbar
Dwell Time	256 ms
FC MDPP	7.53E-13 mbar



$FC\ MDPP = \sigma / (FC\ Sensitivity)$

$\sigma = 1$ standard deviation of the baseline at dwell time

Test Mix: Hydrogen 8%, Helium 8%, Nitrogen 8%, Krypton 8%, Xenon 8%, Balance Argon

