

# 1MHz@40MHz

**TEXAS INSTRUMENTS**

ADS424x

Capture

Test

Single Tone

	Value	Unit
SNR	1.193	dBFS
SFDR	4.373	dBFS
THD	6.405	dBFS
SINAD	0.05	dBFS
ENOB	-0.284	Bits
Fund.	-0.853	dBFS
Phase	0.704	Rad
Next Spur	-4.373	dBFS
ID2	-71.873	dBFS
ID3	-7.945	dBFS
ID4	-78.218	dBFS
ID5	-11.656	dBFS
NSD/Hz	-74.203	dBFS/Hz

**Test Parameters**

Auto Calc of Coherent Analysis Window (samples)

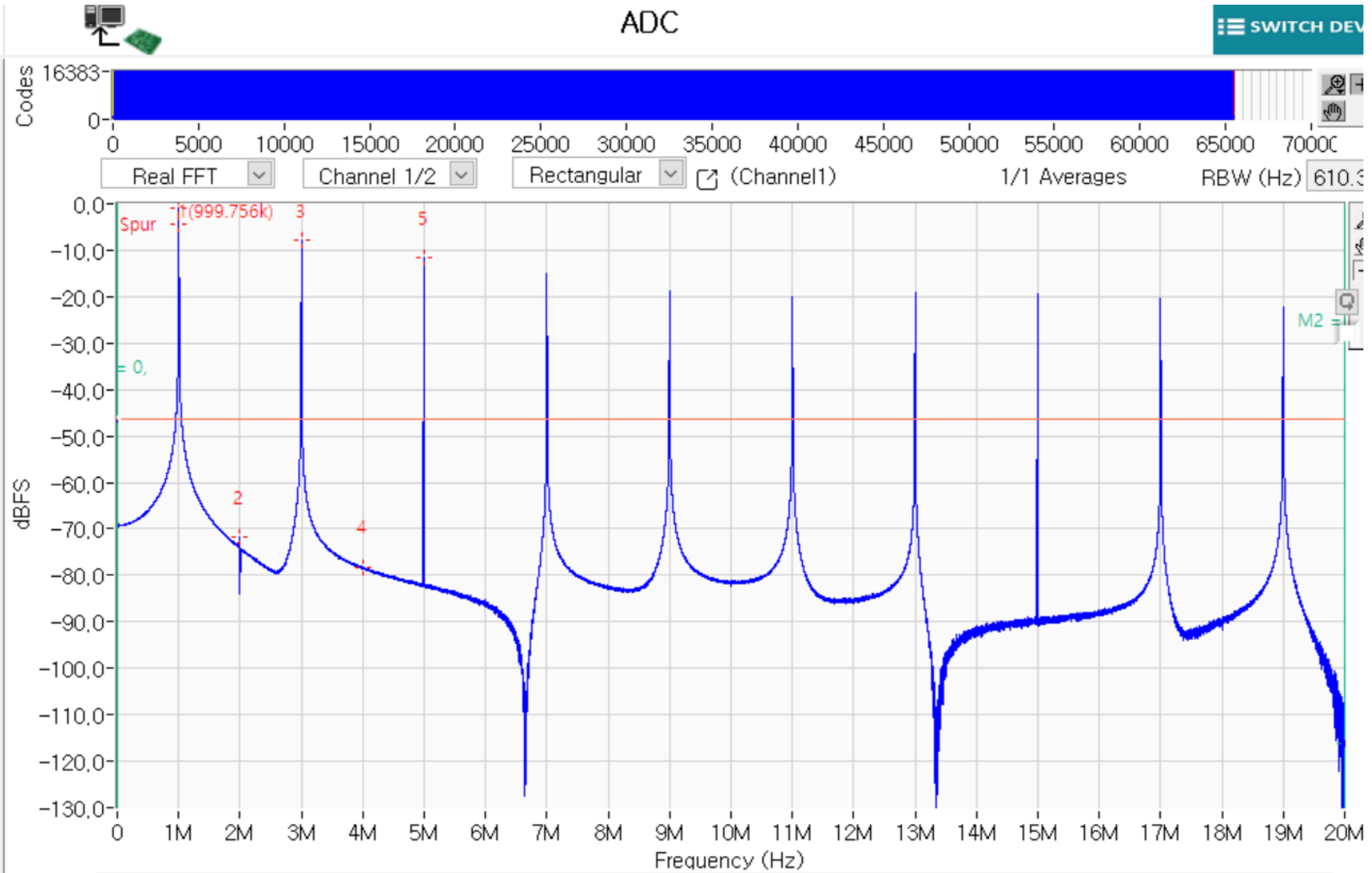
65536

ADC Output Data Rate

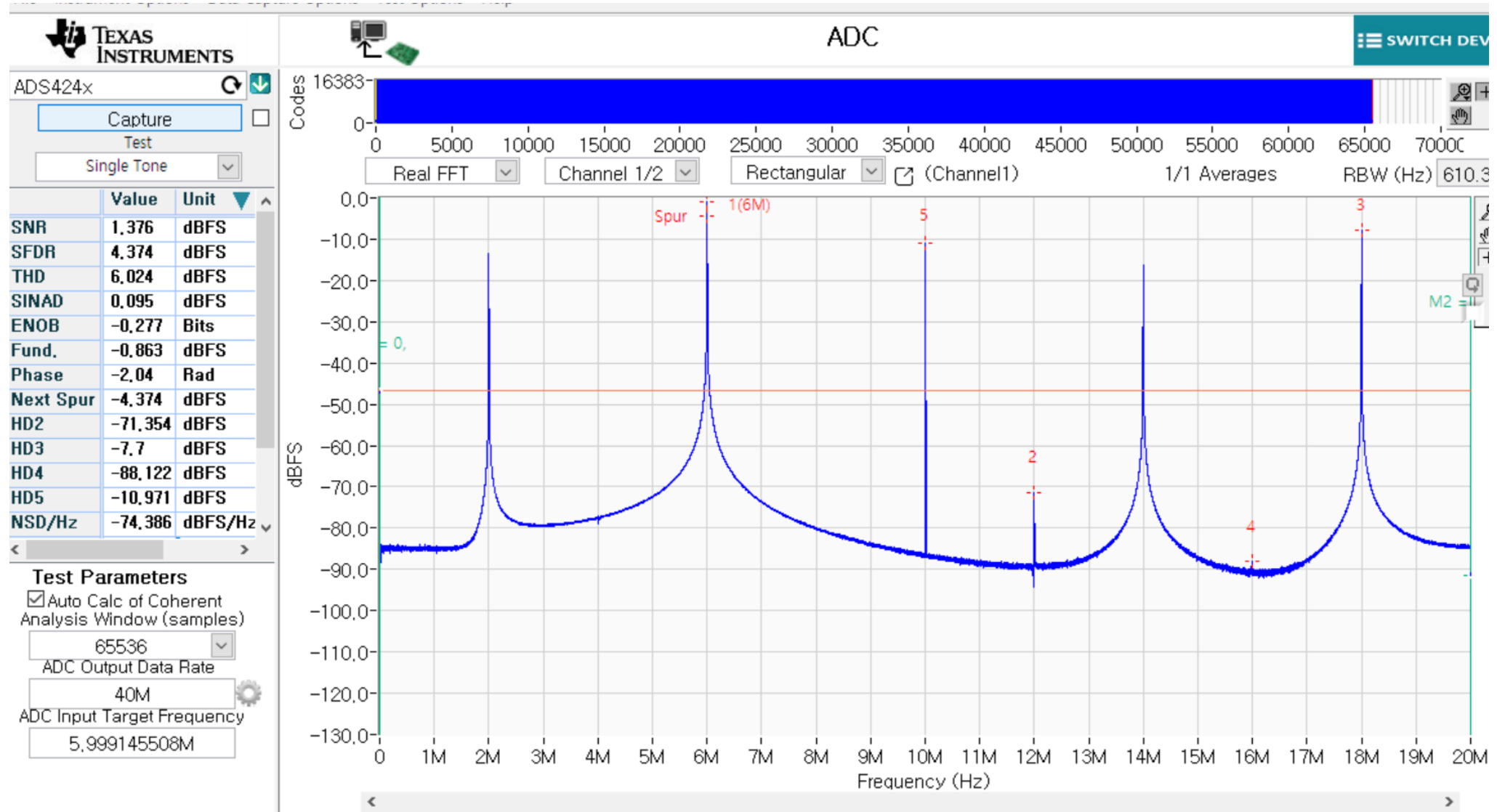
40M

ADC Input Target Frequency

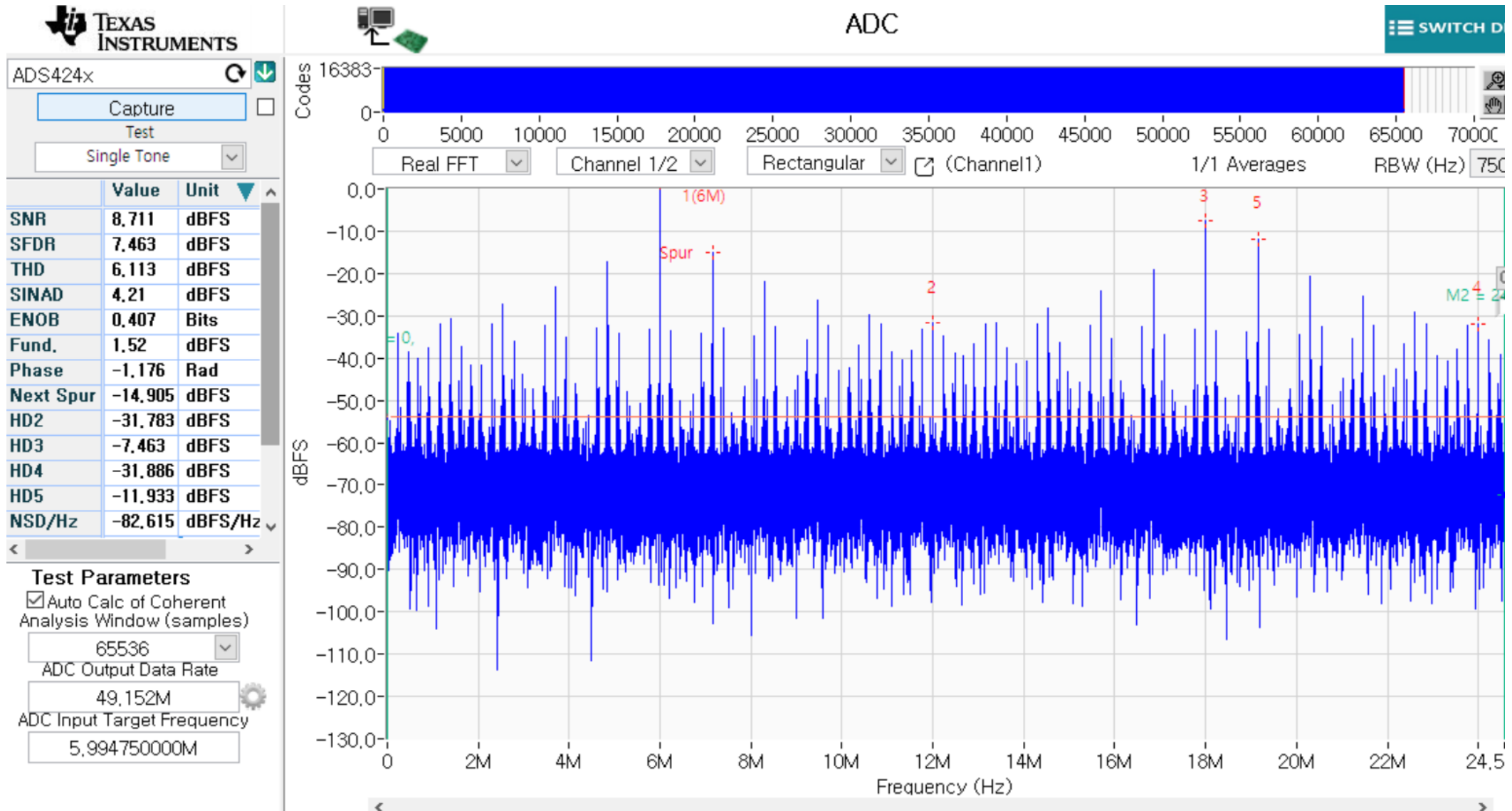
999.145507812k



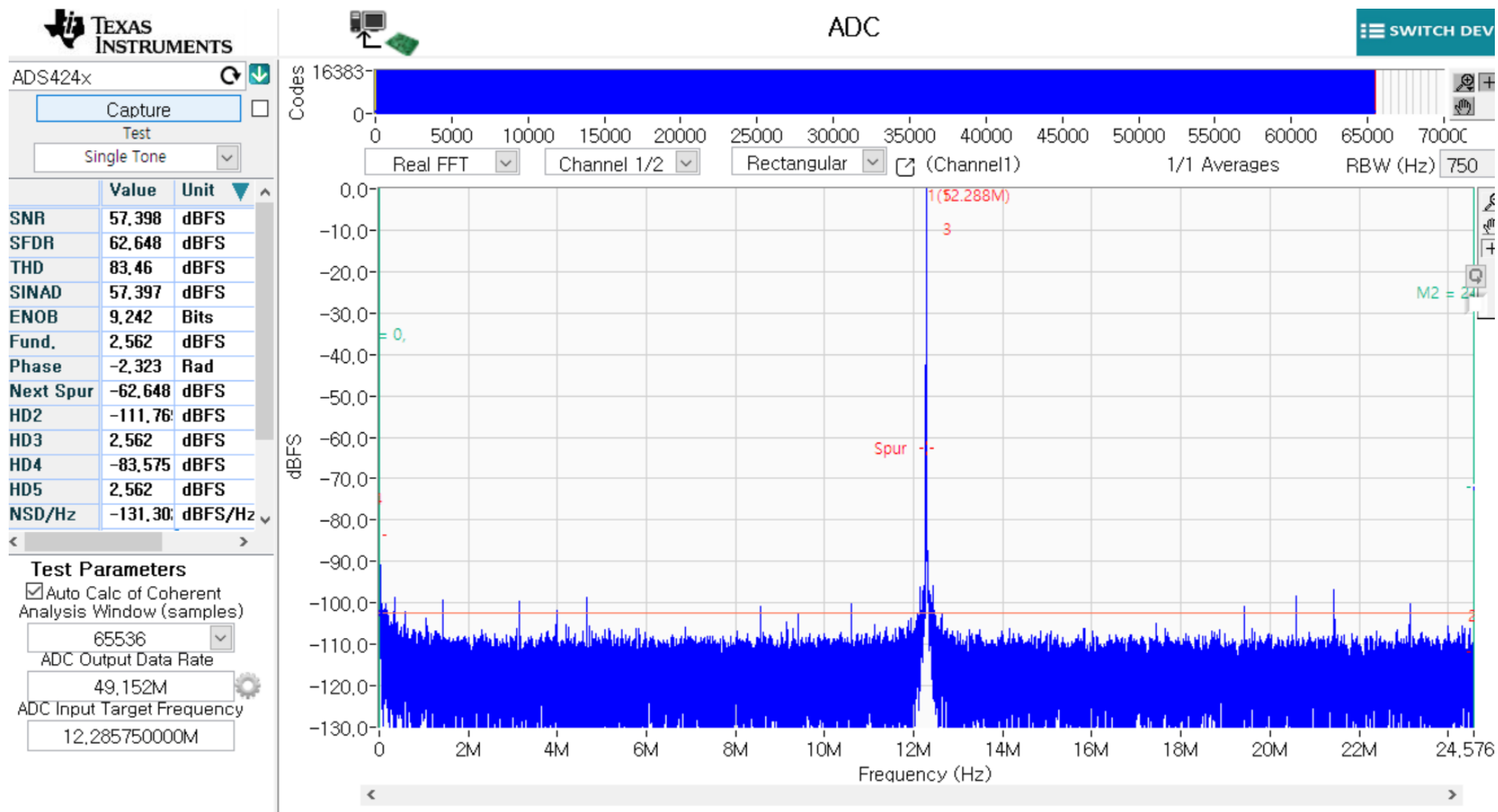
# 6MHz@40MHz



# 6MHz@49.152MHz



# 12.288MHz@49.152MHz



# 159.744MHz@49.152MHz

