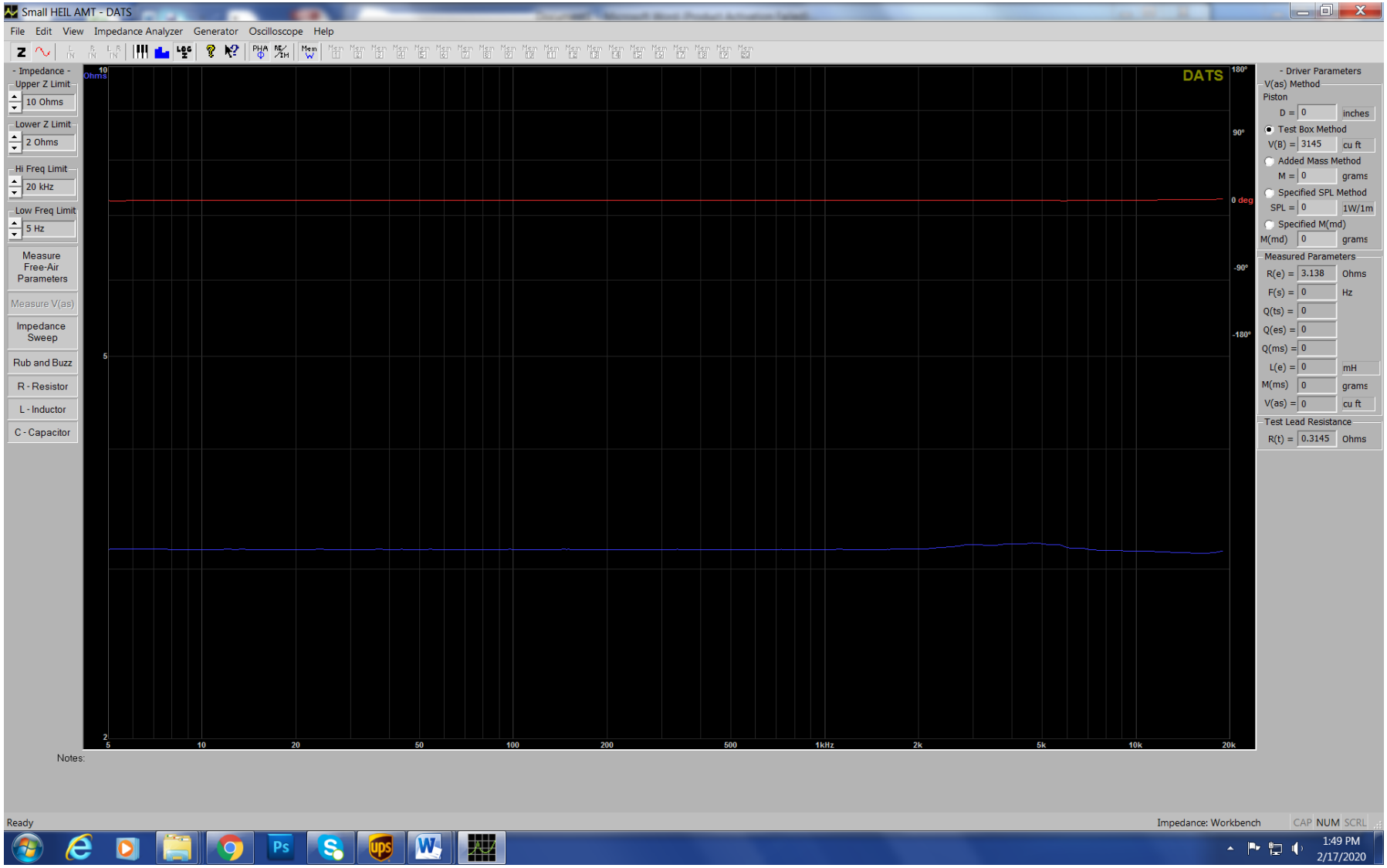
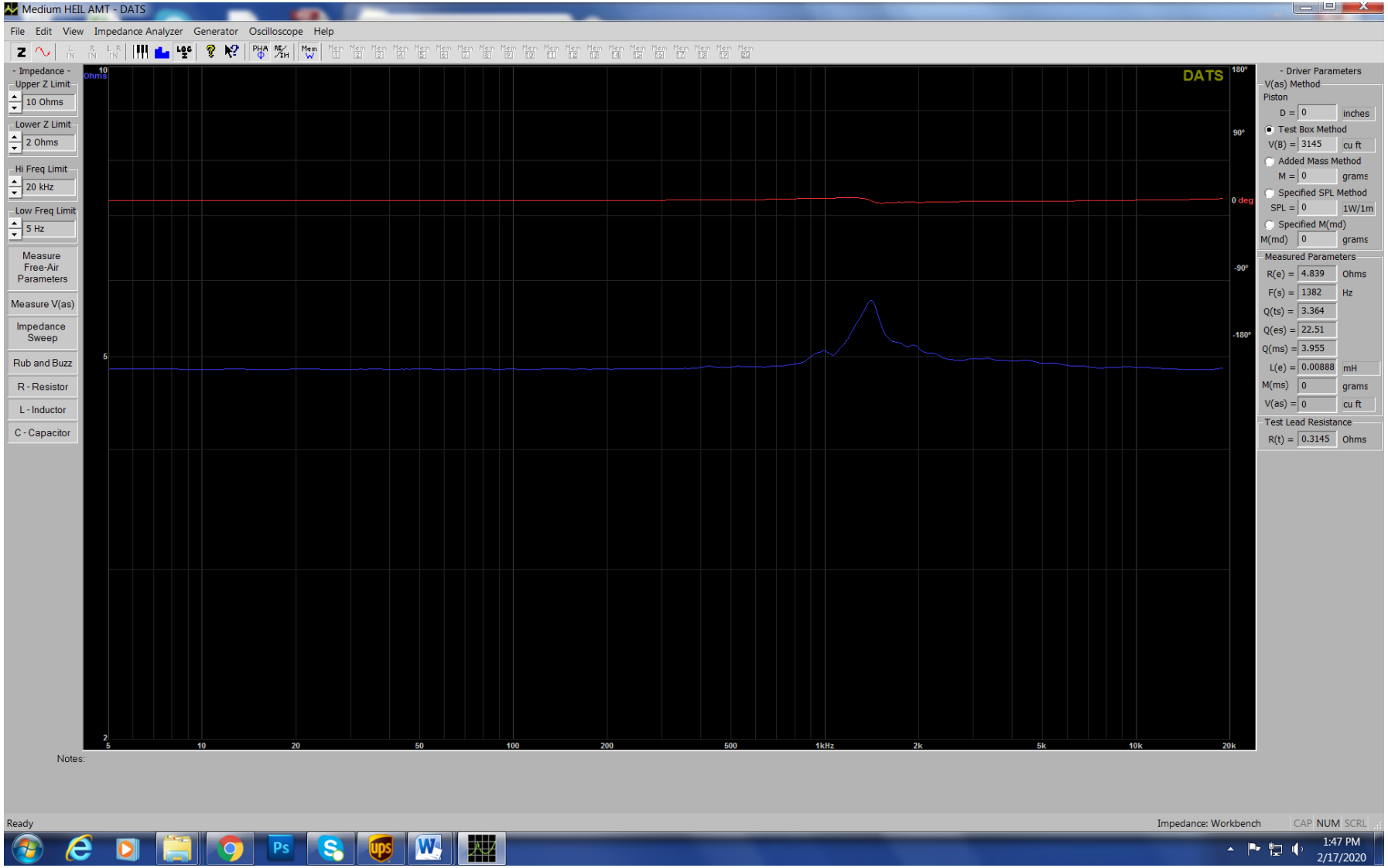
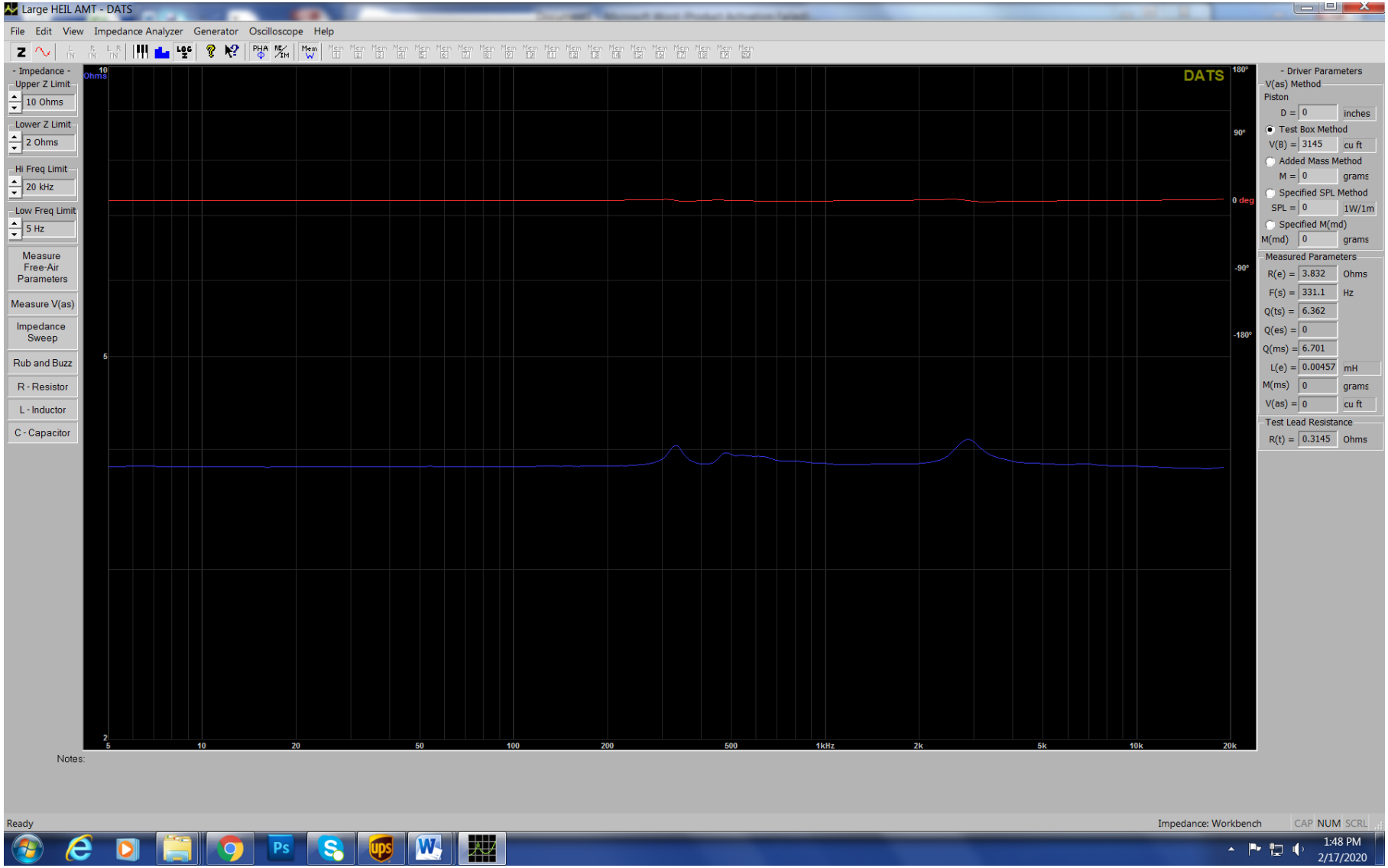

Small HEIL AMT - DATS
File Edit View Impedance Analyzer Generator Oscilloscope Help
- Impedance -
Upper Z Limit
10 Ohms
Lower Z Limit
2 Ohms
Hi Freq Limit
20 kHz
Low Freq Limit
5 Hz
Measure Free-Air Parameters
Measure V(as)
Impedance Sweep
Rub and Buzz
R - Resistor
L - Inductor
C - Capacitor
DATS
Ohms
10
5
2
5
10
20
50
100
200
500
1kHz
2k
5k
10k
20k
180°
90°
0 deg
-90°
-180°
- Driver Parameters
V(as) Method
Piston
D = 0 inches
Test Box Method
V(B) = 3145 cu ft
Added Mass Method
M = 0 grams
Specified SPL Method
SPL = 0 1W/1m
Specified M(md)
M(md) 0 grams
Measured Parameters
R(e) = 3.138 Ohms
F(s) = 0 Hz
Q(ts) = 0
Q(es) = 0
Q(ms) = 0
L(e) = 0 mH
M(ms) 0 grams
V(as) = 0 cu ft
Test Lead Resistance
R(t) = 0.3145 Ohms
Notes:
Ready
Impedance: Workbench
CAP NUM SCRL
1:49 PM
2/17/2020


Medium HEIL AMT - DATS
File Edit View Impedance Analyzer Generator Oscilloscope Help
- Impedance -
Upper Z Limit
10 Ohms
Lower Z Limit
2 Ohms
Hi Freq Limit
20 kHz
Low Freq Limit
5 Hz
Measure Free-Air Parameters
Measure V(as)
Impedance Sweep
Rub and Buzz
R - Resistor
L - Inductor
C - Capacitor
DATS
Ohms
10
5
2
180°
90°
0 deg
-90°
-180°
5
10
20
50
100
200
500
1kHz
2k
5k
10k
20k
Notes:
- Driver Parameters
V(as) Method
Piston
D = 0 inches
Test Box Method
V(B) = 3145 cu ft
Added Mass Method
M = 0 grams
Specified SPL Method
SPL = 0 1W/1m
Specified M(md)
M(md) 0 grams
Measured Parameters
R(e) = 4.839 Ohms
F(s) = 1382 Hz
Q(ts) = 3.364
Q(es) = 22.51
Q(ms) = 3.955
L(e) = 0.00888 mH
M(ms) 0 grams
V(as) = 0 cu ft
Test Lead Resistance
R(t) = 0.3145 Ohms
Ready
Impedance: Workbench
CAP NUM SCRL
1:47 PM
2/17/2020


Large HEIL AMT - DATS
File Edit View Impedance Analyzer Generator Oscilloscope Help
- Impedance -
Upper Z Limit
10 Ohms
Lower Z Limit
2 Ohms
Hi Freq Limit
20 kHz
Low Freq Limit
5 Hz
Measure Free-Air Parameters
Measure V(as)
Impedance Sweep
Rub and Buzz
R - Resistor
L - Inductor
C - Capacitor
DATS
Ohms
10
5
2
180°
90°
0 deg
-90°
-180°
5
10
20
50
100
200
500
1kHz
2k
5k
10k
20k
Notes:
- Driver Parameters
V(as) Method
Piston
D = 0 inches
Test Box Method
V(B) = 3145 cu ft
Added Mass Method
M = 0 grams
Specified SPL Method
SPL = 0 1W/1m
Specified M(md)
M(md) 0 grams
Measured Parameters
R(e) = 3.832 Ohms
F(s) = 331.1 Hz
Q(ts) = 6.362
Q(es) = 0
Q(ms) = 6.701
L(e) = 0.00457 mH
M(ms) 0 grams
V(as) = 0 cu ft
Test Lead Resistance
R(t) = 0.3145 Ohms
Ready
Impedance: Workbench
CAP NUM SCRL
1:48 PM
2/17/2020