



## Accredited Laboratory

A2LA has accredited

### ELEMENT MATERIALS TECHNOLOGY WASHINGTON DC LLC

Columbia, MD

for technical competence in the field of

### Electrical Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 *General requirements for the competence of testing and calibration laboratories*. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communiqué dated April 2017).



Presented this 12<sup>th</sup> day of October 2022.



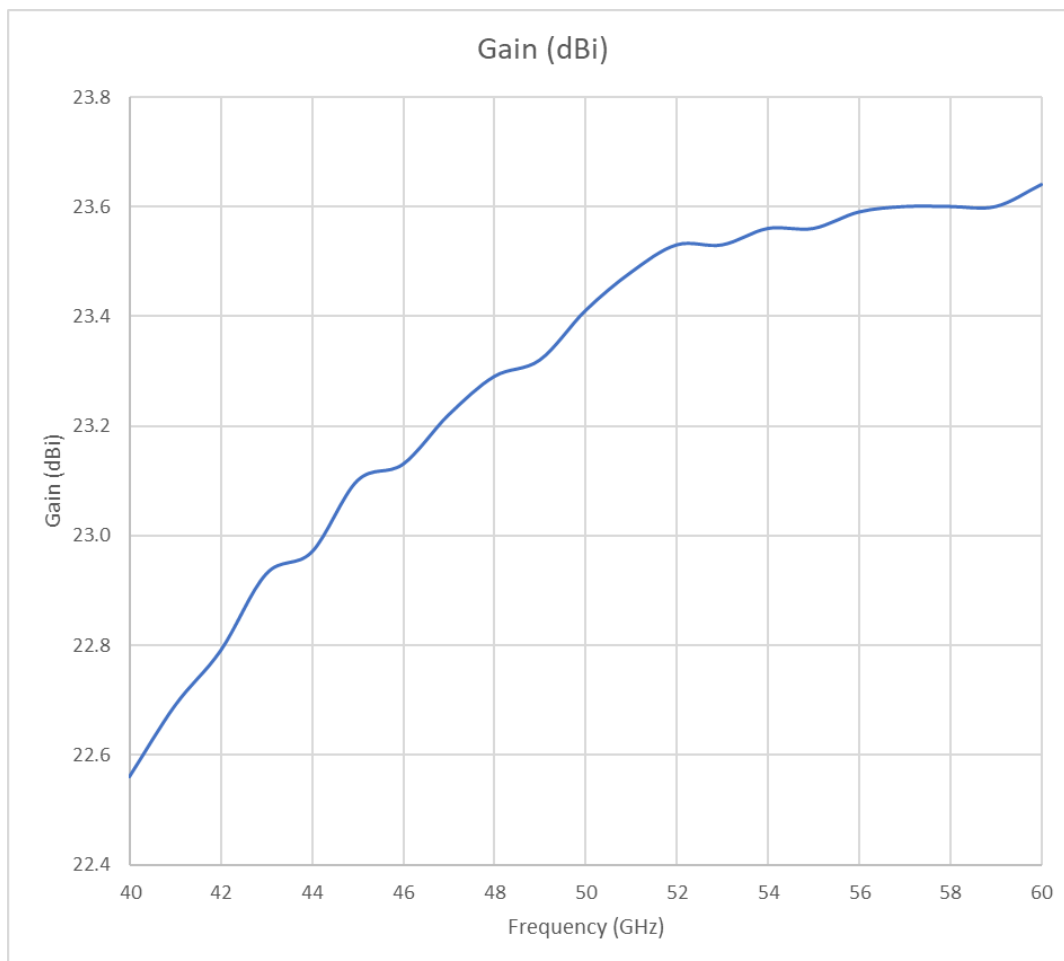
Mr. Trace McInturff, Vice President, Accreditation Services  
For the Accreditation Council  
Certificate Number 2041.01  
Valid to May 31, 2024

For the tests to which this accreditation applies, please refer to the laboratory's Electrical Scope of Accreditation.

|                                         |                                               |                               |                                   |
|-----------------------------------------|-----------------------------------------------|-------------------------------|-----------------------------------|
| FCC ID: A3LSMS918U                      | PART 30 MEASUREMENT REPORT<br>(CERTIFICATION) |                               | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1M2209010098-13.A3L | Test Dates:<br>9/12/2022 – 11/14/2022         | EUT Type:<br>Portable Handset | Page 210 of 214                   |

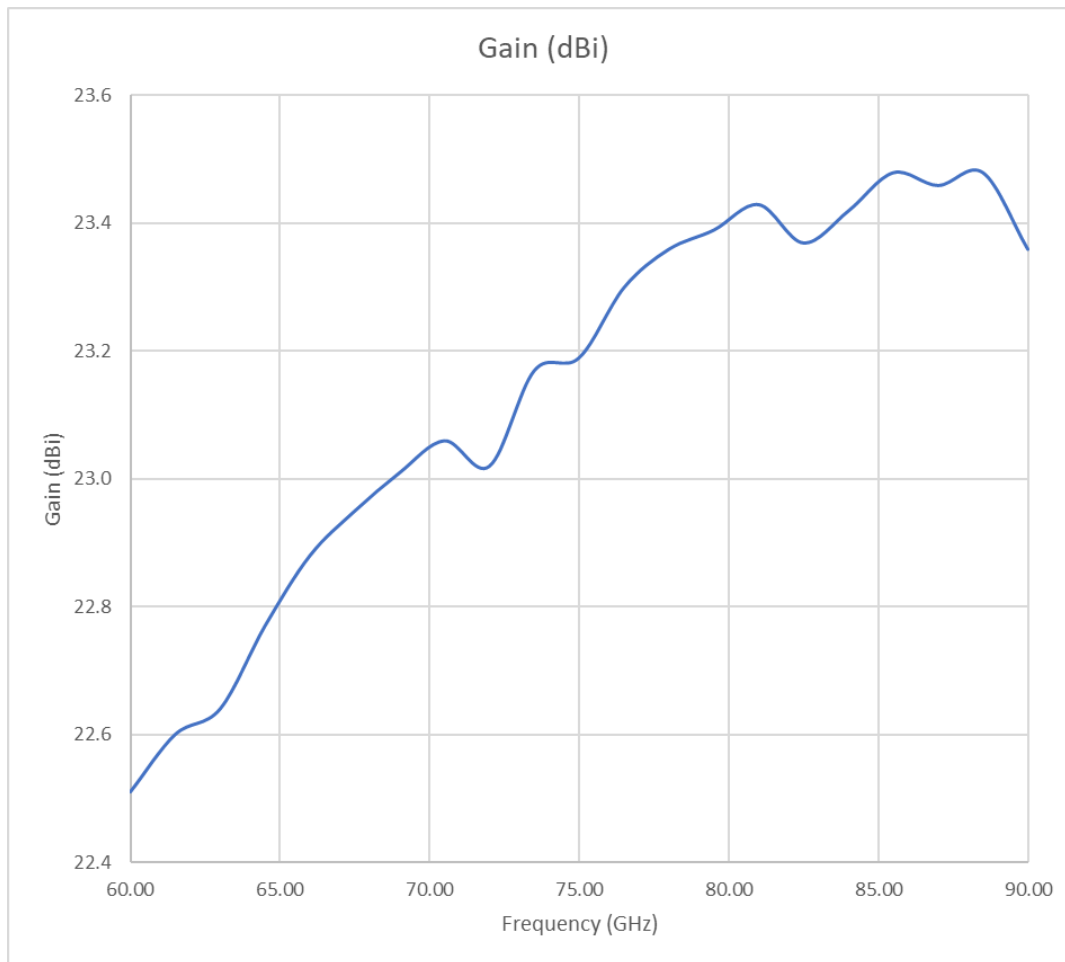
## APPENDIX C – HORN ANTENNA GAIN CURVES

### OML M19RH Horn Antenna Gain (40 – 60GHz)



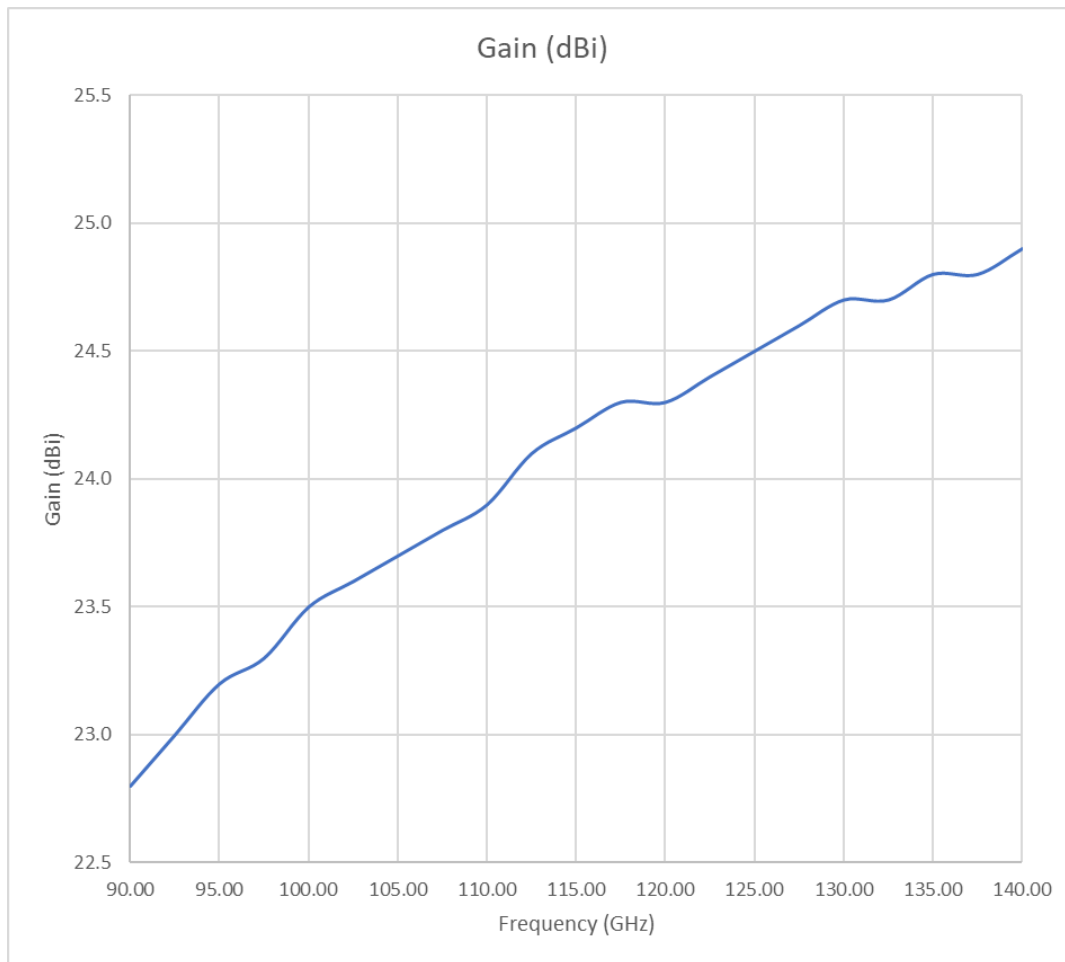
|                                         |                                               |                               |                                   |
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## OML M12RH Horn Antenna Gain (60 – 90GHz)



|                                         |                                               |                               |                                   |
|-----------------------------------------|-----------------------------------------------|-------------------------------|-----------------------------------|
| FCC ID: A3LSMS918U                      | PART 30 MEASUREMENT REPORT<br>(CERTIFICATION) |                               | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1M2209010098-13.A3L | Test Dates:<br>9/12/2022 – 11/14/2022         | EUT Type:<br>Portable Handset | Page 212 of 214                   |

## OML M08RH Horn Antenna Gain (90 – 140GHz)



|                                         |                                               |                               |                                   |
|-----------------------------------------|-----------------------------------------------|-------------------------------|-----------------------------------|
| FCC ID: A3LSMS918U                      | PART 30 MEASUREMENT REPORT<br>(CERTIFICATION) |                               | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1M2209010098-13.A3L | Test Dates:<br>9/12/2022 – 11/14/2022         | EUT Type:<br>Portable Handset | Page 213 of 214                   |

## OML M05RH Horn Antenna Gain (140 – 220GHz)



|                                         |                                               |                               |                                   |
|-----------------------------------------|-----------------------------------------------|-------------------------------|-----------------------------------|
| FCC ID: A3LSMS918U                      | PART 30 MEASUREMENT REPORT<br>(CERTIFICATION) |                               | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1M2209010098-13.A3L | Test Dates:<br>9/12/2022 – 11/14/2022         | EUT Type:<br>Portable Handset | Page 214 of 214                   |