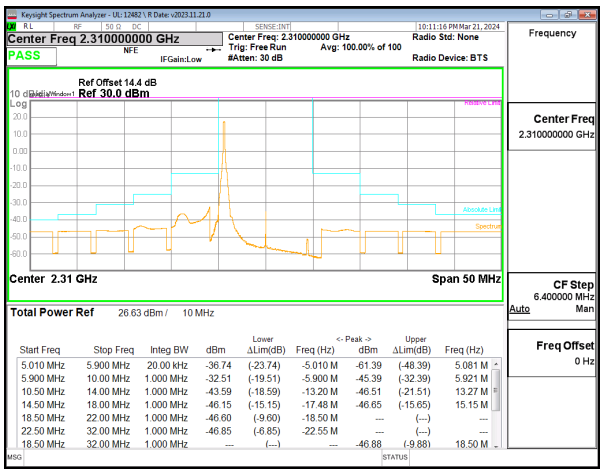
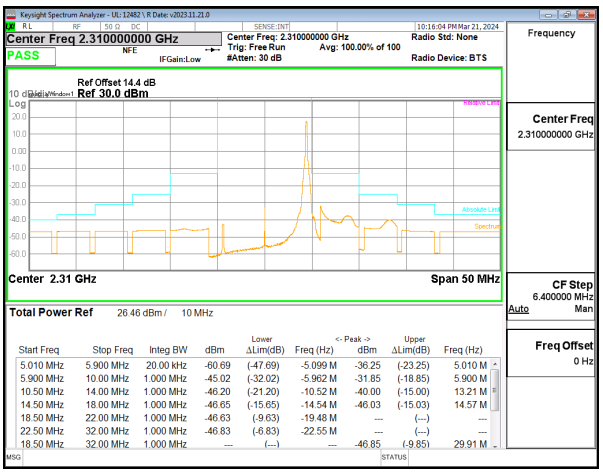
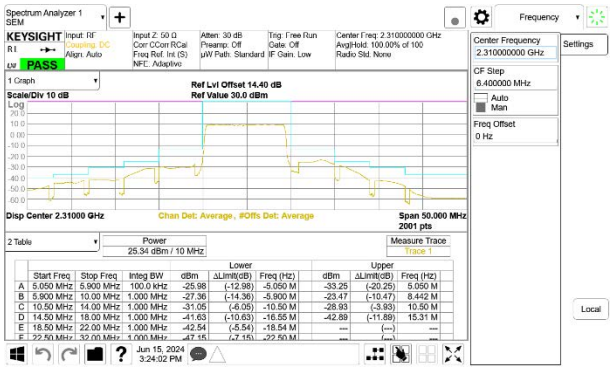


LTE B30 10MHz QPSK Middle Channel RB1-0



LTE B30 5MHz QPSK High Channel RB1-49

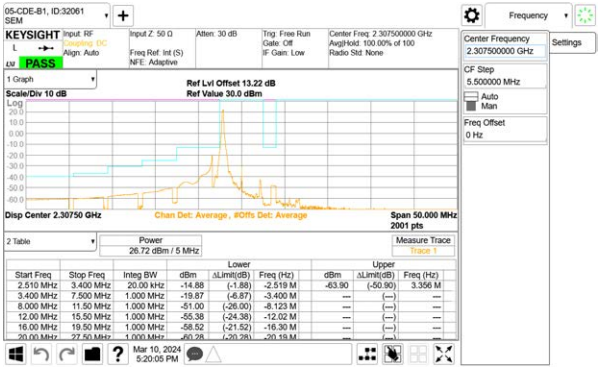


LTE B30 10MHz QPSK Middle Channel RB50-0, ID:28774

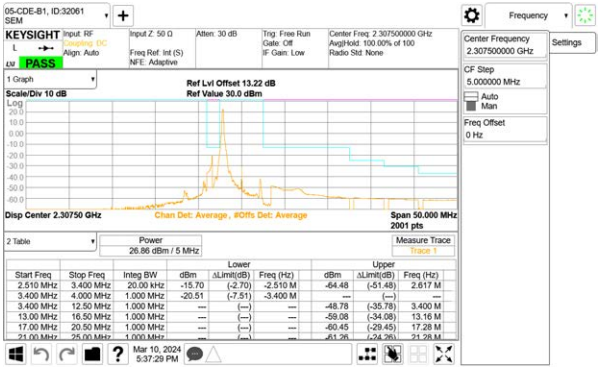
Intentionally Blank

This report shall not be reproduced except in full, without the written approval of UL Verification Services Inc.

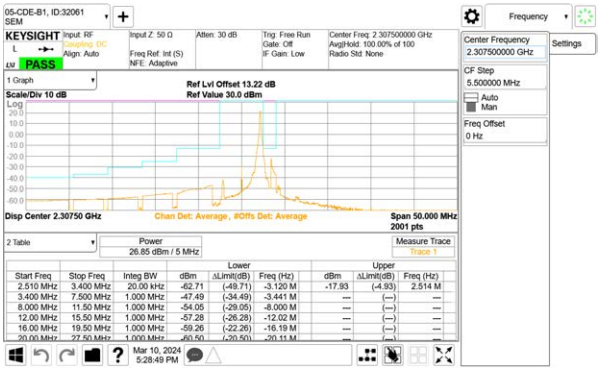
5G NR n30 EMISSION MASK



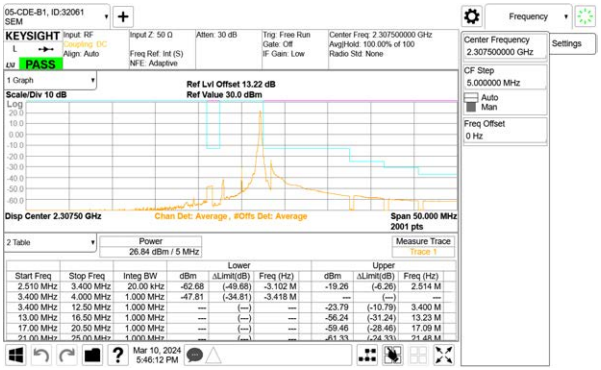
5G NR n30 5MHz BPSK Low Channel RB1-0 (Low side)



5G NR n30 5MHz BPSK Low Channel RB1-0 (High side)

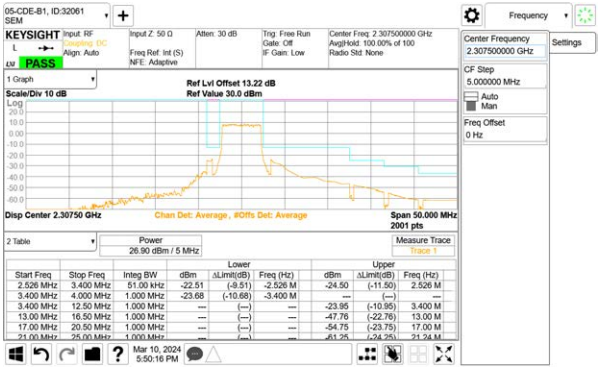


5G NR n30 5MHz BPSK Low Channel RB1-24 (Low side)



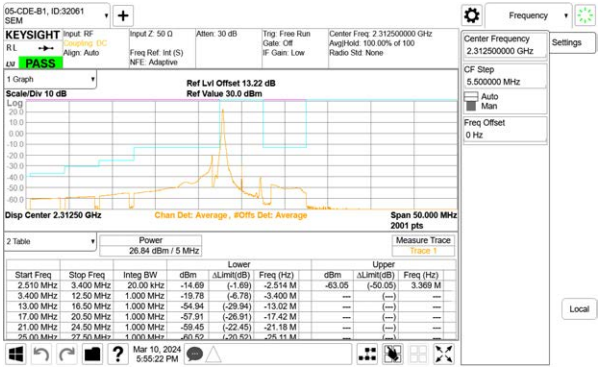
5G NR n30 5MHz BPSK Low Channel RB1-24 (High side)

5G NR n30 5MHz BPSK Low Channel RB25-0 (Low side)

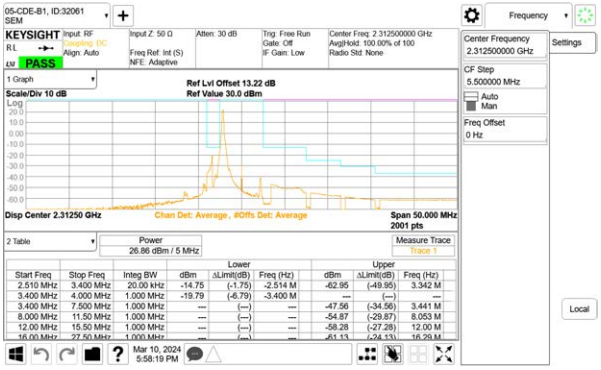


5G NR n30 5MHz BPSK Low Channel RB25-0 (High side)

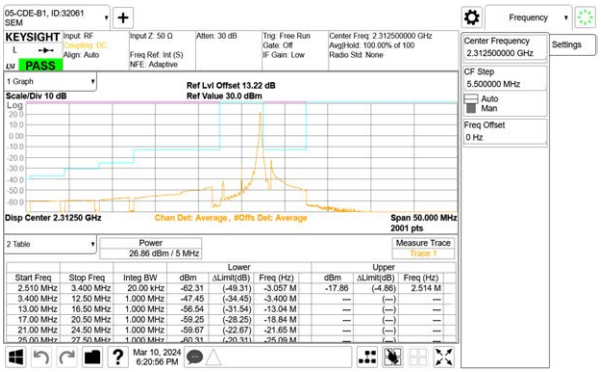
UL VERIFICATION SERVICES INC. FORM NO: CCSUP4031B
47173 BENICIA STREET, FREMONT, CA 94538, USA TEL: (510) 319-4000 FAX: (510) 661-0888
This report shall not be reproduced except in full, without the written approval of UL Verification Services Inc.



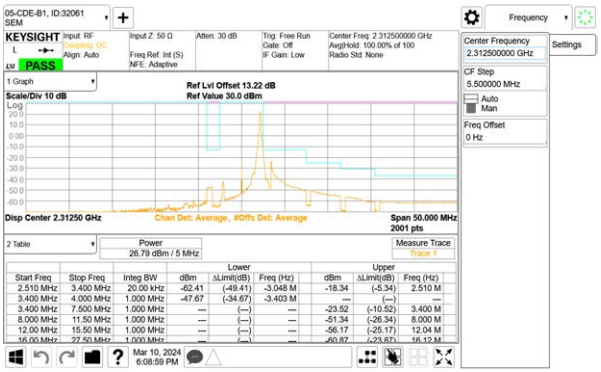
5G NR n30 5MHz BPSK High Channel RB1-0 (Low side)



5G NR n30 5MHz BPSK High Channel RB1-0 (High side)

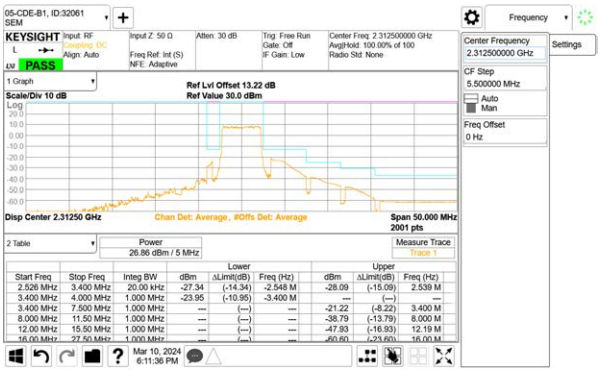


5G NR n30 5MHz BPSK High Channel RB1-24 (Low side)



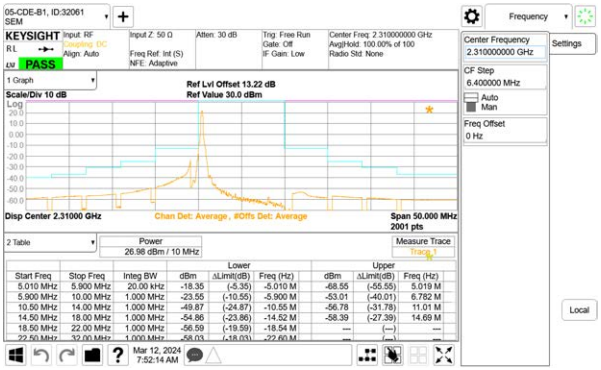
5G NR n30 5MHz BPSK High Channel RB1-24 (High side)

5G NR n30 5MHz BPSK High Channel RB25-0 (Low side)

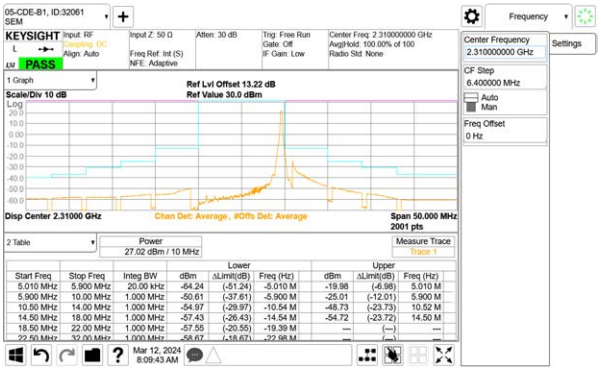


5G NR n30 5MHz BPSK High Channel RB25-0 (High side)

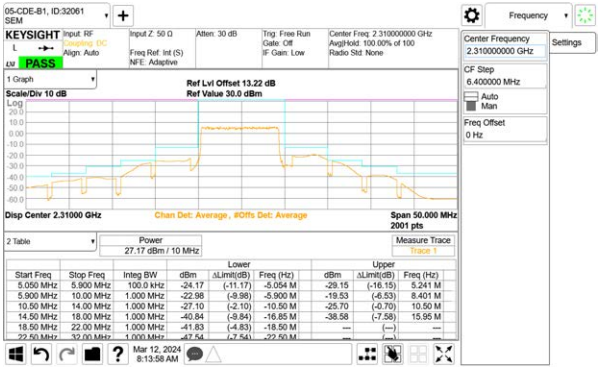
UL VERIFICATION SERVICES INC. FORM NO: CCSUP4031B
47173 BENICIA STREET, FREMONT, CA 94538, USA TEL: (510) 319-4000 FAX: (510) 661-0888
This report shall not be reproduced except in full, without the written approval of UL Verification Services Inc.



5G NR n30 10MHz BPSK Middle Channel RB1-0



5G NR n30 10MHz BPSK Middle Channel RB1-51



5G NR n30 10MHz BPSK Middle Channel RB50-0

Intentionally Blank

This report shall not be reproduced except in full, without the written approval of UL Verification Services Inc.

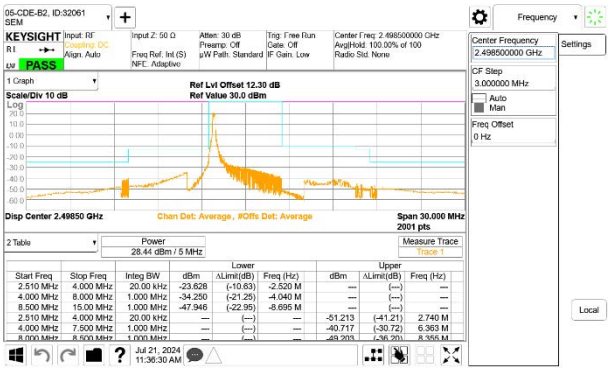
9.2.10. LTE BAND 41 AND 5G NR n41

LIMITS

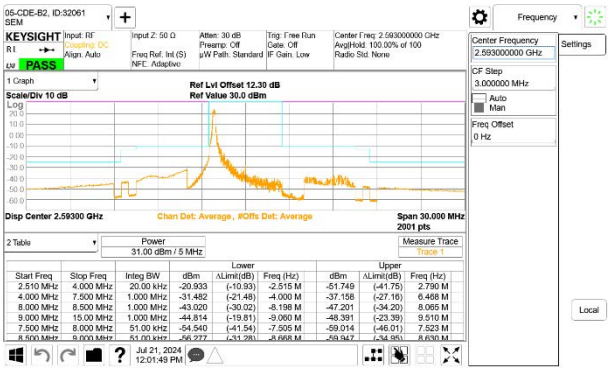
FCC: §27.53
(m)(4) For mobile digital stations, the attenuation factor shall be not less than 40 + 10 log (P) dB on all frequencies between the channel edge and 5 megahertz from the channel edge, 43 + 10 log (P) dB on all frequencies between 5 megahertz and X megahertz from the channel edge, and 55 + 10 log (P) dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth as defined in paragraph (m)(6) of this section. In addition, the attenuation factor shall not be less that 43 + 10 log (P) dB on all frequencies between 2490.5 MHz and 2496 MHz and 55 + 10 log (P) dB at or below 2490.5 MHz. Mobile Satellite Service licensees operating on frequencies below 2495 MHz may also submit a documented interference complaint against BRS licensees operating on channel BRS Channel 1 on the same terms and conditions as adjacent channel BRS or EBS licensees.

This report shall not be reproduced except in full, without the written approval of UL Verification Services Inc.

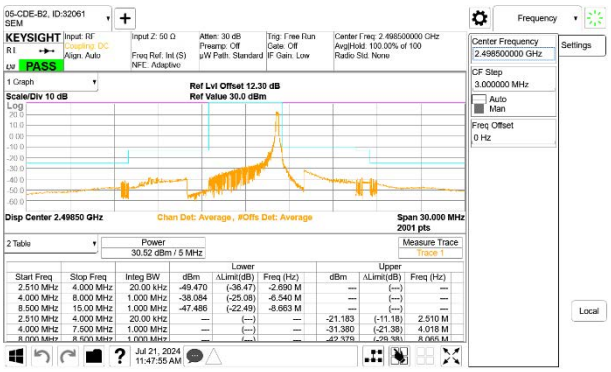
LTE BAND 41 ADJACENT CHANNEL POWER



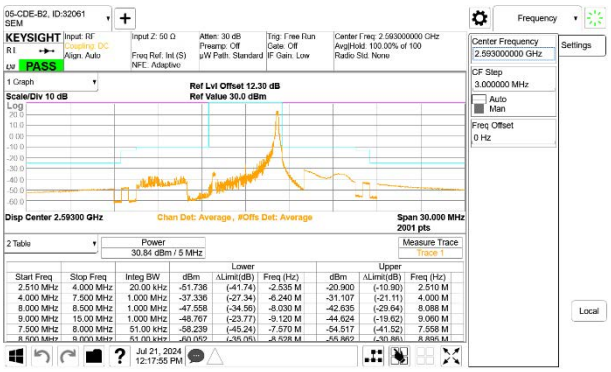
LTE B41 5MHz QPSK Low Channel RB1-0



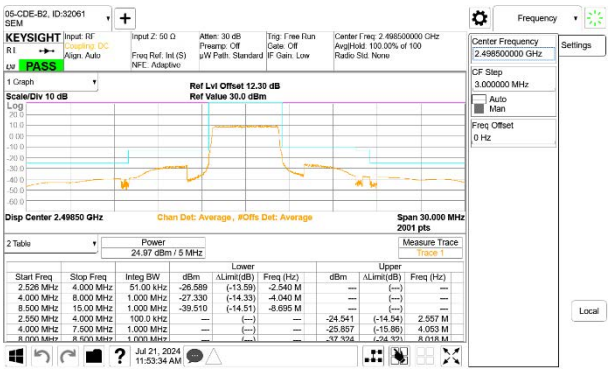
LTE B41 5MHz QPSK Middle Channel RB1-0



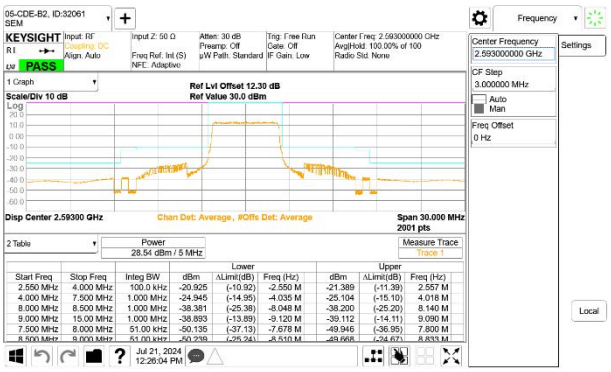
LTE B41 5MHz QPSK Low Channel RB1-24



LTE B41 5MHz QPSK Middle Channel RB1-24

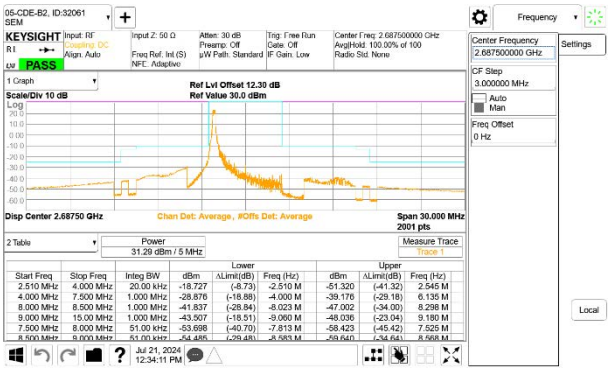


LTE B41 5MHz QPSK Low Channel RB25-0

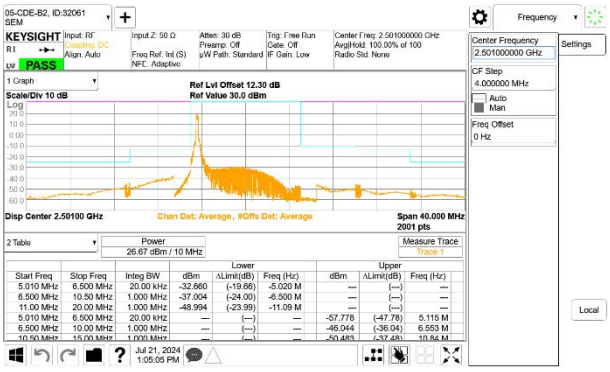


LTE B41 5MHz QPSK Middle Channel RB25-0

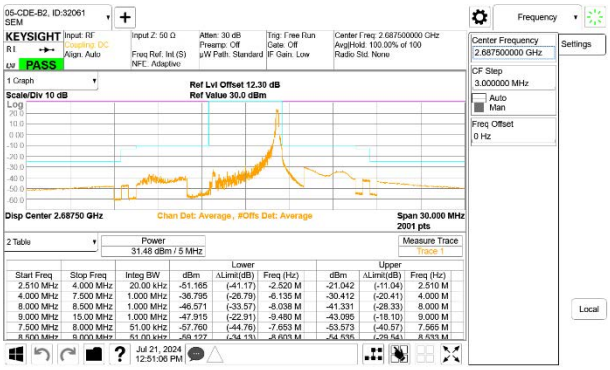
This report shall not be reproduced except in full, without the written approval of UL Verification Services Inc.



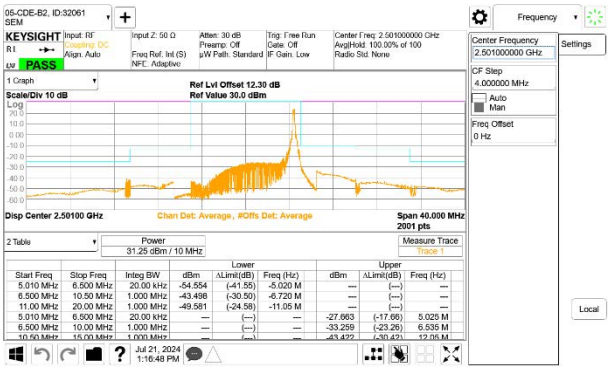
LTE B41 5MHz QPSK High Channel RB1-0



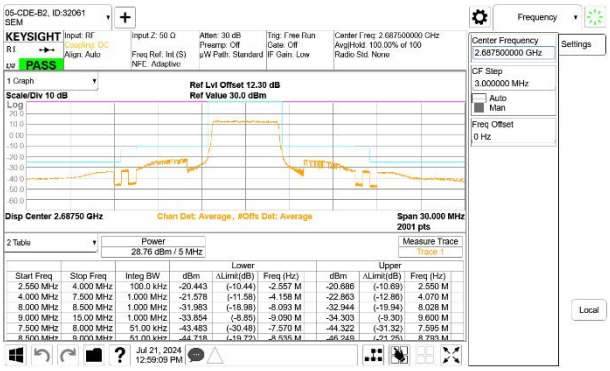
LTE B41 10MHz QPSK Low Channel RB1-0



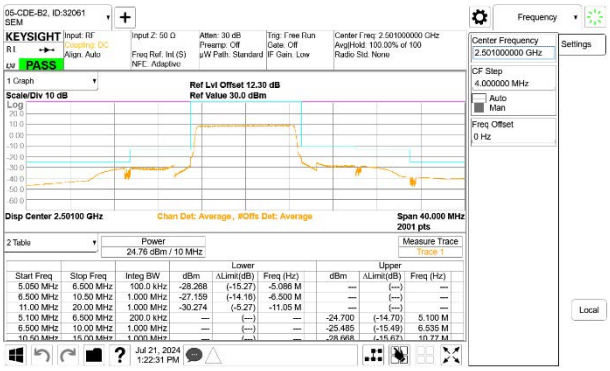
LTE B41 5MHz QPSK High Channel RB1-24



LTE B41 10MHz QPSK Low Channel RB1-49

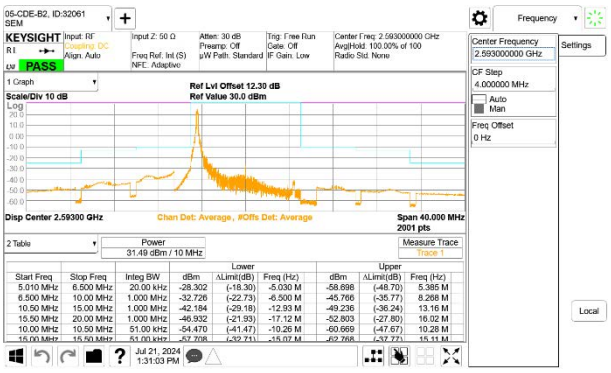


LTE B41 5MHz QPSK High Channel RB25-0

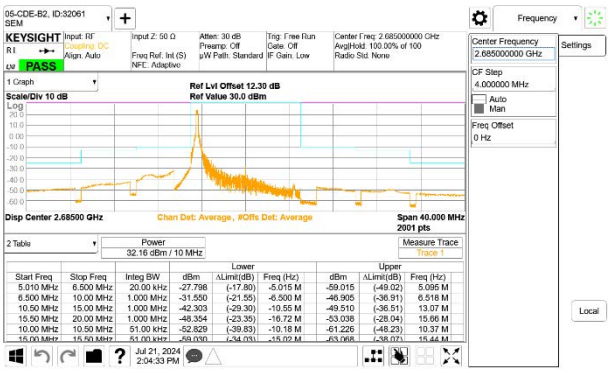


LTE B41 10MHz QPSK Low Channel RB50-0

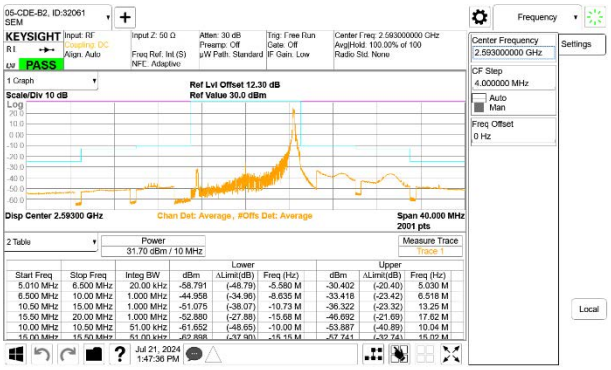
This report shall not be reproduced except in full, without the written approval of UL Verification Services Inc.



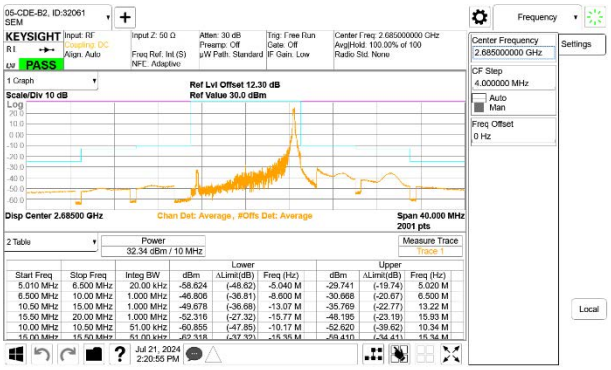
LTE B41 10MHz QPSK Middle Channel RB1-0



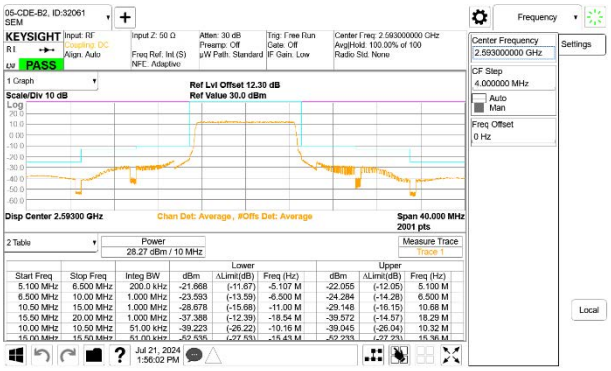
LTE B41 10MHz QPSK High Channel RB1-0



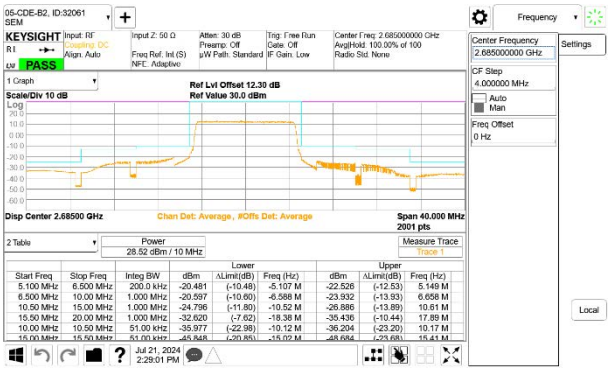
LTE B41 10MHz QPSK Middle Channel RB1-49



LTE B41 10MHz QPSK High Channel RB1-49

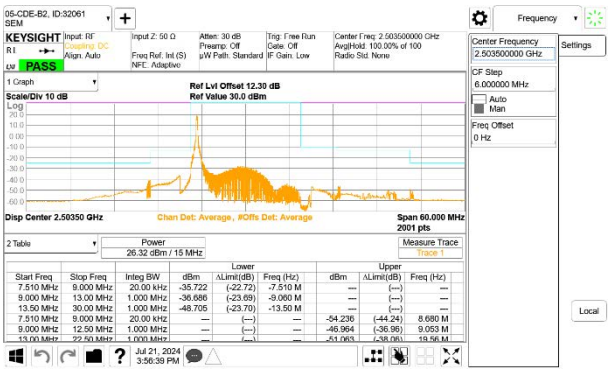


LTE B41 10MHz QPSK Middle Channel RB50-0

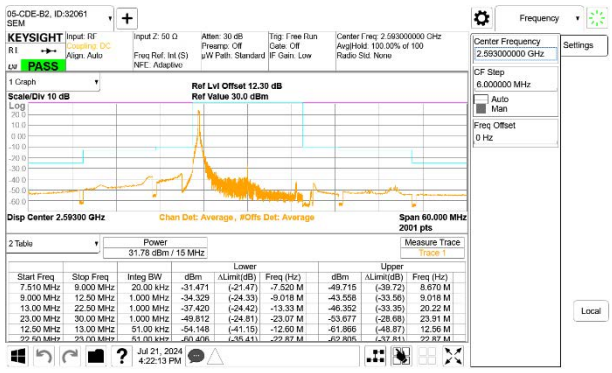


LTE B41 10MHz QPSK High Channel RB50-0

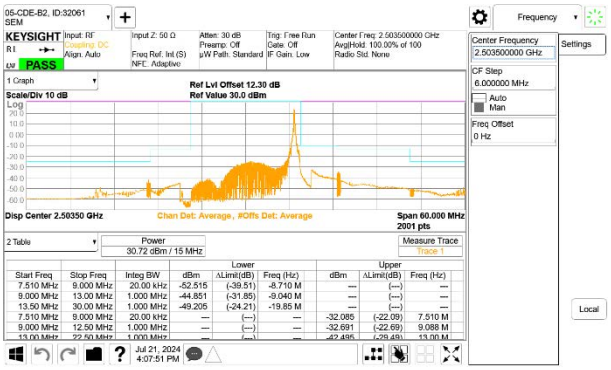
UL VERIFICATION SERVICES INC. FORM NO: CCSUP4031B
47173 BENICIA STREET, FREMONT, CA 94538, USA TEL: (510) 319-4000 FAX: (510) 661-0888
This report shall not be reproduced except in full, without the written approval of UL Verification Services Inc.



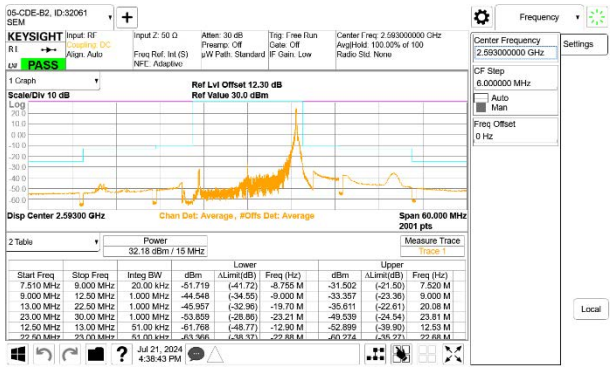
LTE B41 15MHz QPSK Low Channel RB1-0



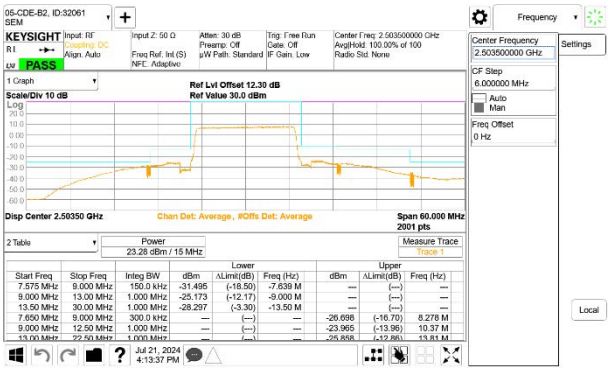
LTE B41 15MHz QPSK Middle Channel RB1-0



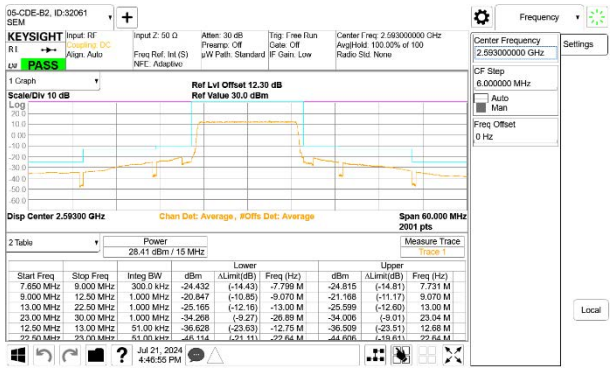
LTE B41 15MHz QPSK Low Channel RB1-74



LTE B41 15MHz QPSK Middle Channel RB1-74

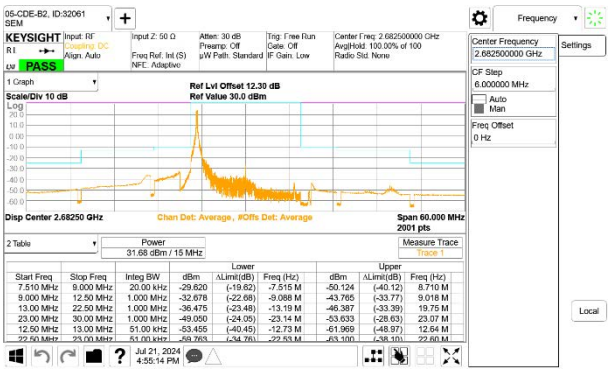


LTE B41 15MHz QPSK Low Channel RB75-0

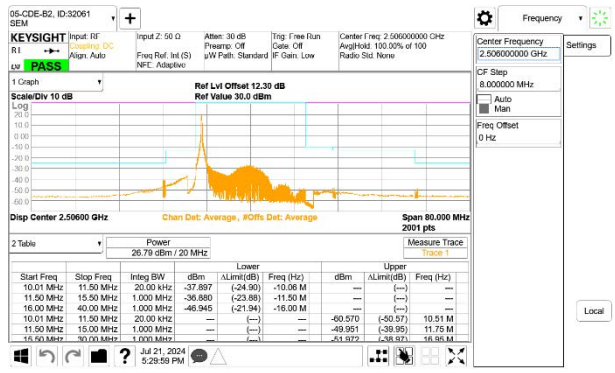


LTE B41 15MHz QPSK Middle Channel RB75-0

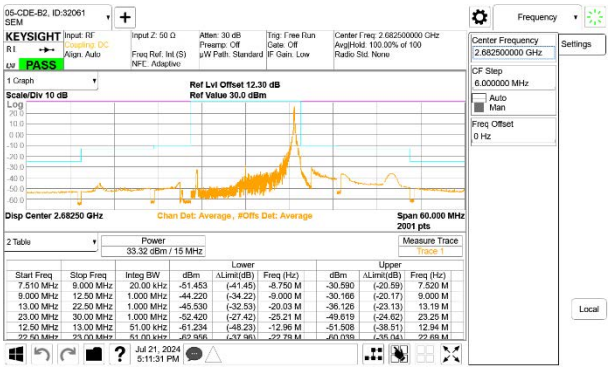
UL VERIFICATION SERVICES INC. FORM NO: CCSUP4031B
47173 BENICIA STREET, FREMONT, CA 94538, USA TEL: (510) 319-4000 FAX: (510) 661-0888
This report shall not be reproduced except in full, without the written approval of UL Verification Services Inc.



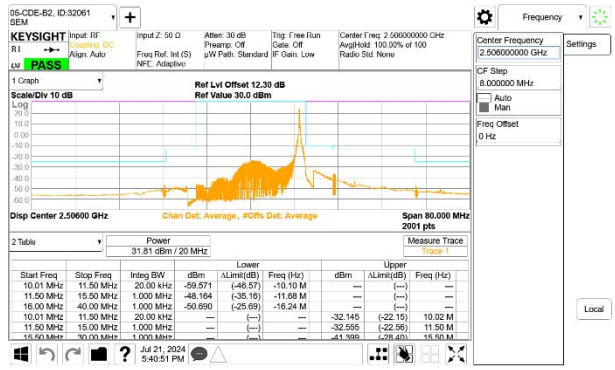
LTE B41 15MHz QPSK High Channel RB1-0



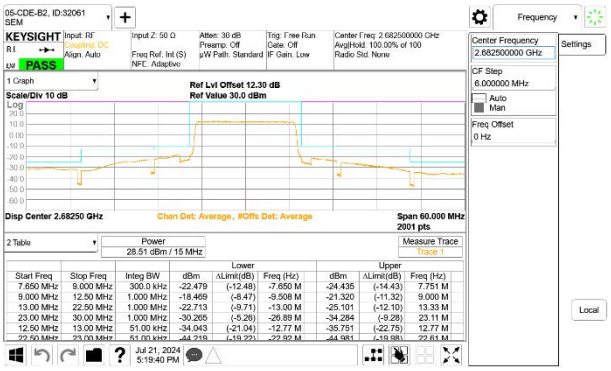
LTE B41 20MHz QPSK Low Channel RB1-0



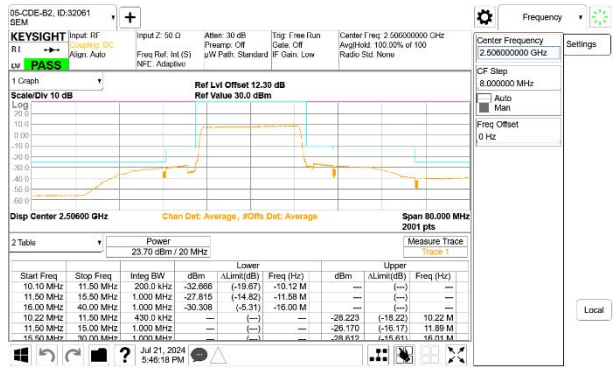
LTE B41 15MHz QPSK High Channel RB1-74



LTE B41 20MHz QPSK Low Channel RB1-99

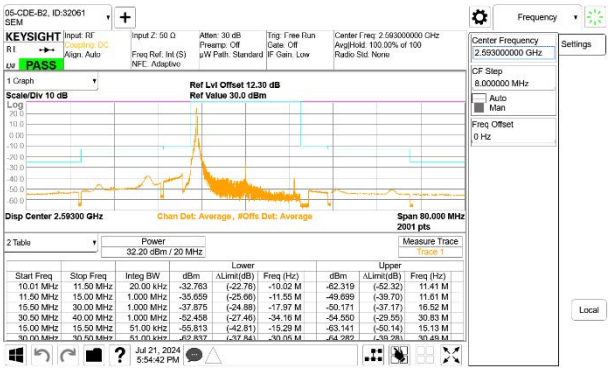


LTE B41 15MHz QPSK High Channel RB75-0

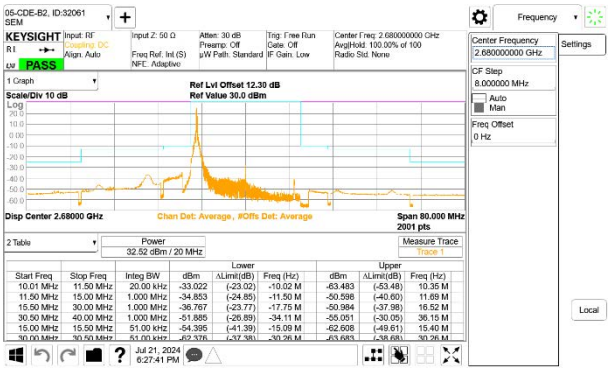


LTE B41 20MHz QPSK Low Channel RB100-0

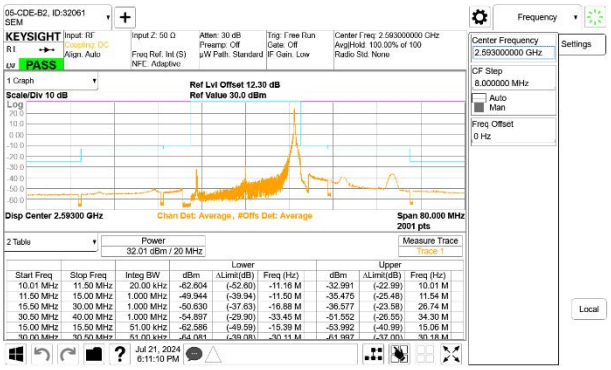
This report shall not be reproduced except in full, without the written approval of UL Verification Services Inc.



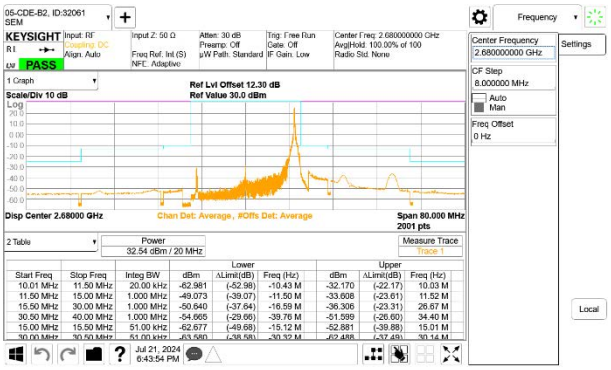
LTE B41 20MHz QPSK Middle Channel RB1-0



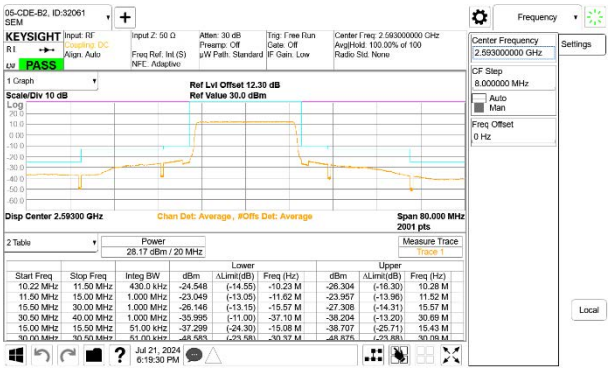
LTE B41 20MHz QPSK High Channel RB1-0



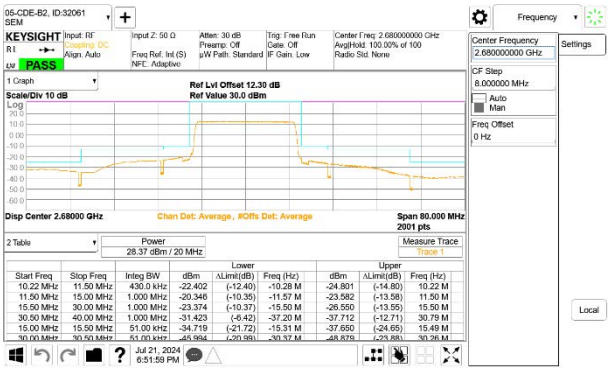
LTE B41 20MHz QPSK Middle Channel RB1-99



LTE B41 20MHz QPSK High Channel RB1-99



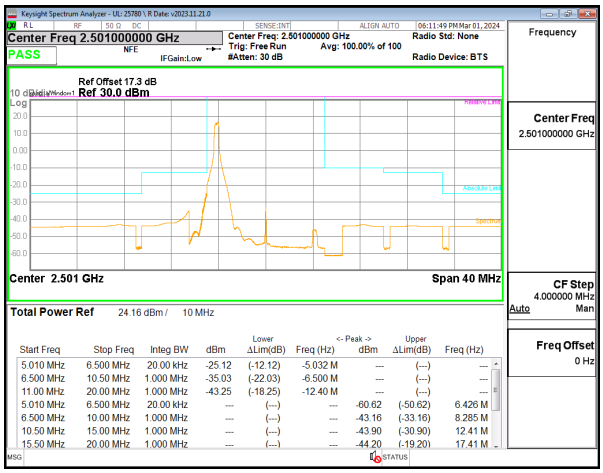
LTE B41 20MHz QPSK Middle Channel RB100-0



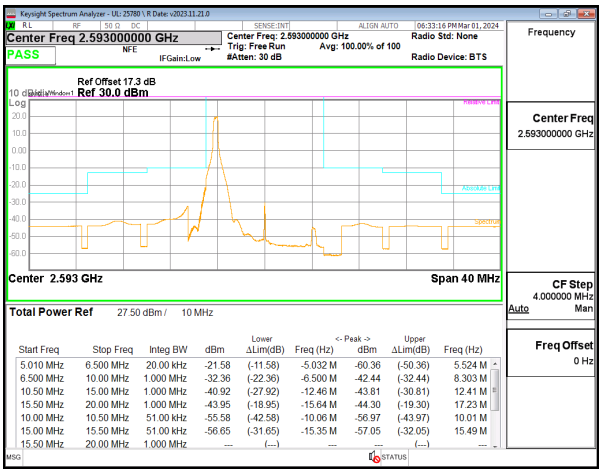
LTE B41 20MHz QPSK High Channel RB100-0

UL VERIFICATION SERVICES INC. FORM NO: CCSUP4031B
47173 BENICIA STREET, FREMONT, CA 94538, USA TEL: (510) 319-4000 FAX: (510) 661-0888
This report shall not be reproduced except in full, without the written approval of UL Verification Services Inc.

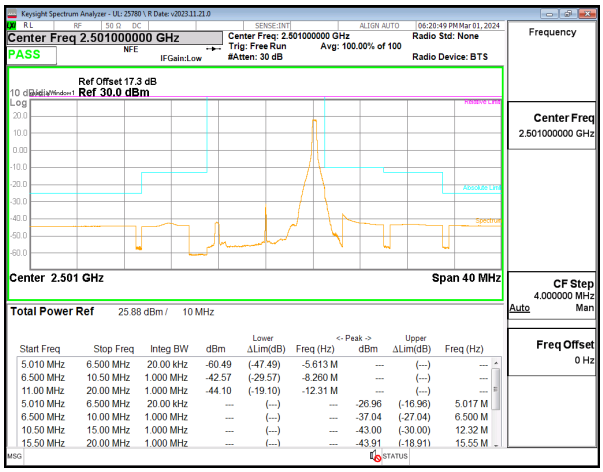
5G NR n41 ADJACENT CHANNEL POWER



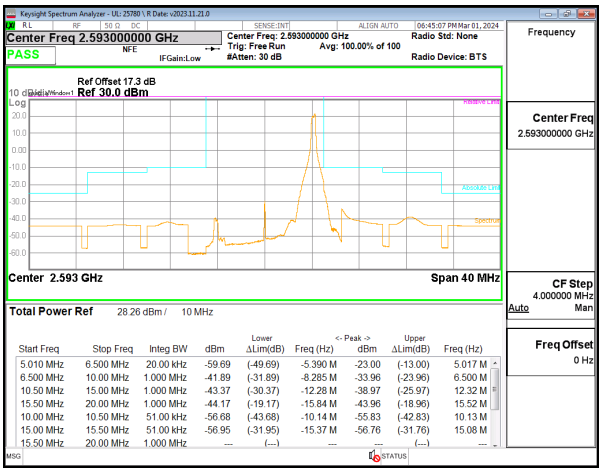
5G NR n41 10MHz BPSK Low Channel RB1-0



5G NR n41 10MHz BPSK Middle Channel RB1-0

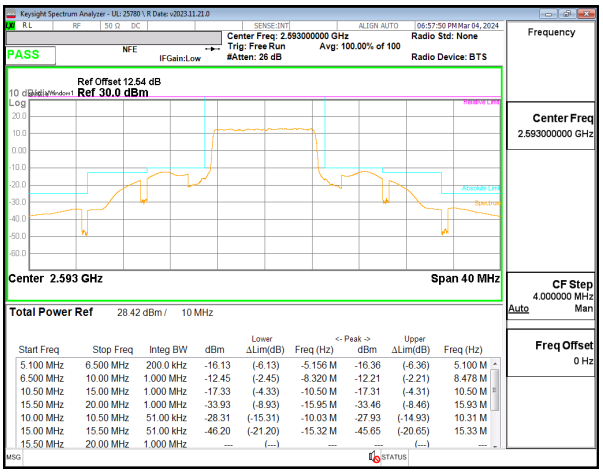


5G NR n41 10MHz BPSK Low Channel RB1-23



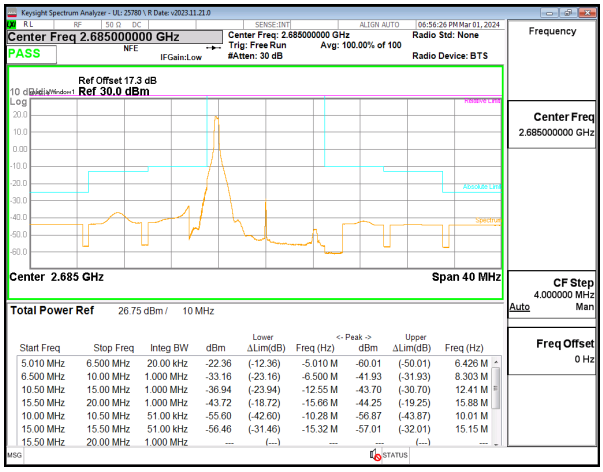
5G NR n41 10MHz BPSK Middle Channel RB1-23

5G NR n41 10MHz BPSK Low Channel RB24-0

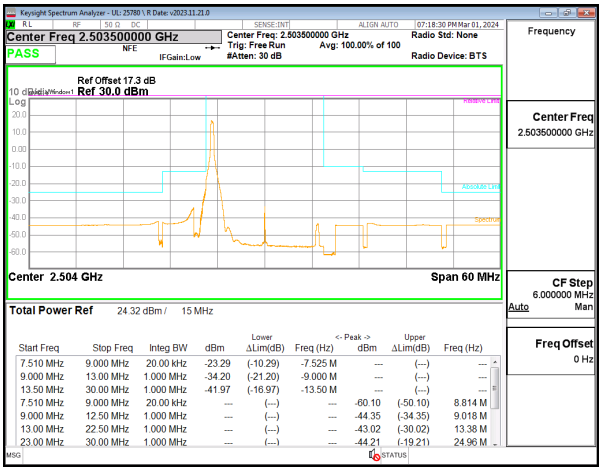


5G NR n41 10MHz BPSK Middle Channel RB24-0

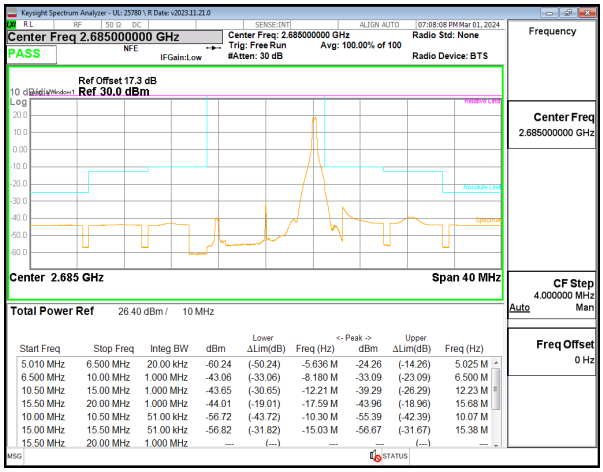
This report shall not be reproduced except in full, without the written approval of UL Verification Services Inc.



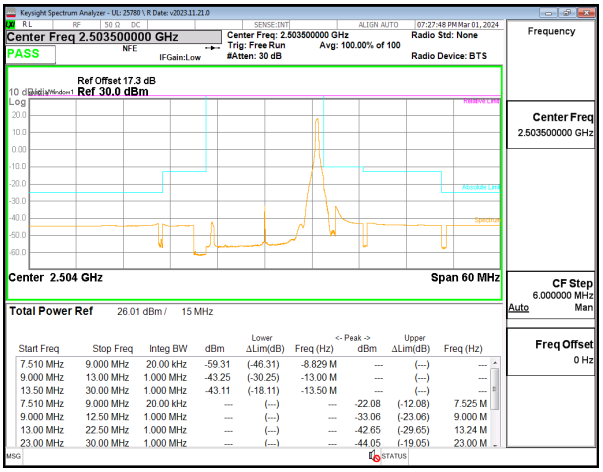
5G NR n41 10MHz BPSK High Channel RB1-0



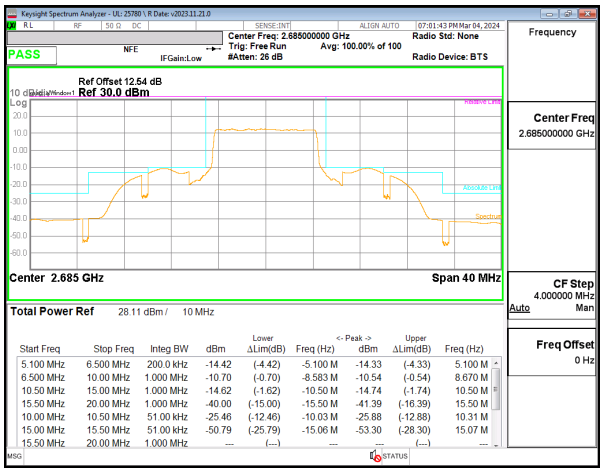
5G NR n41 15MHz BPSK Low Channel RB1-0



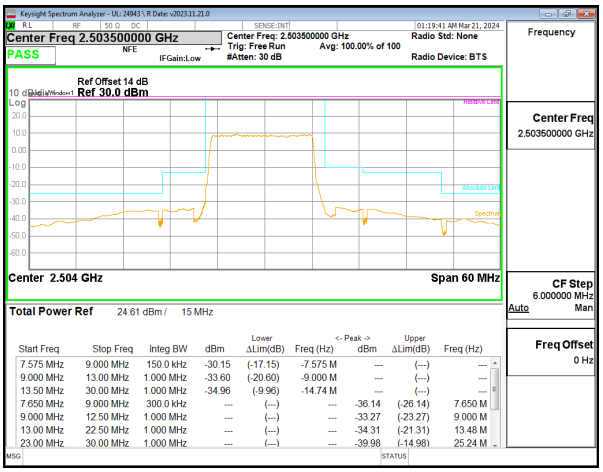
5G NR n41 10MHz BPSK High Channel RB1-23



5G NR n41 15MHz BPSK Low Channel RB1-37

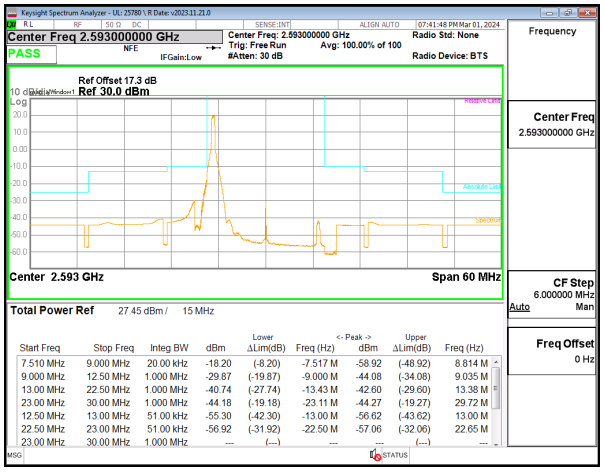


5G NR n41 10MHz BPSK High Channel RB24-0

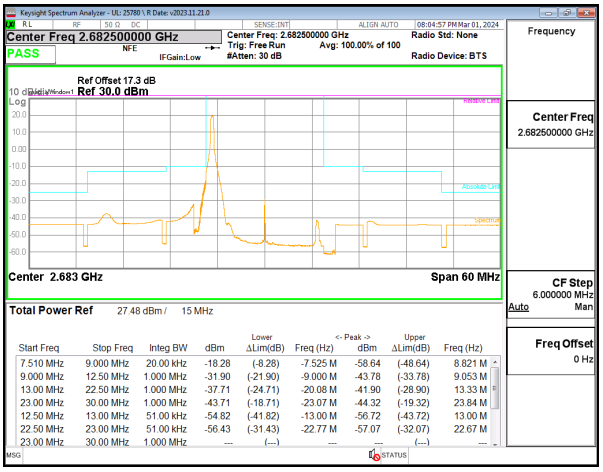


5G NR n41 15MHz BPSK Low Channel RB36-0

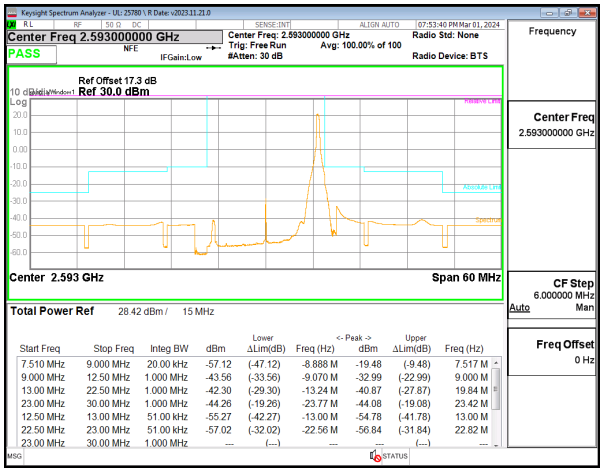
This report shall not be reproduced except in full, without the written approval of UL Verification Services Inc.



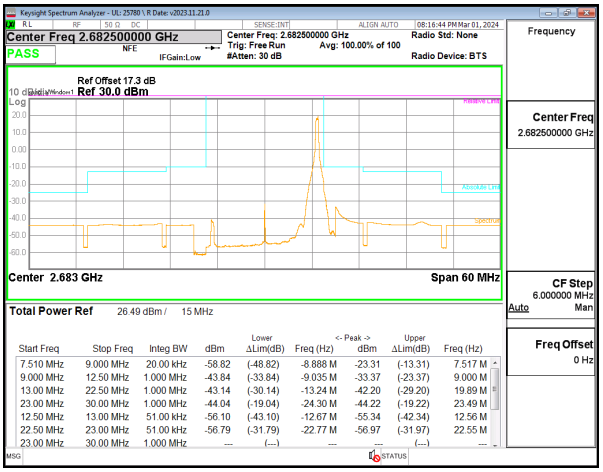
5G NR n41 15MHz BPSK Middle Channel RB1-0



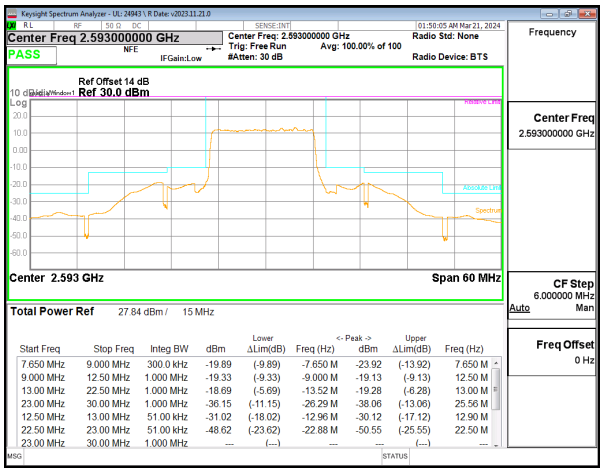
5G NR n41 15MHz BPSK High Channel RB1-0



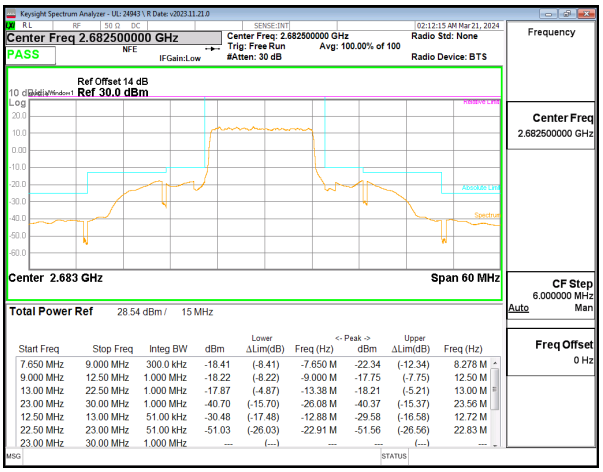
5G NR n41 15MHz BPSK Middle Channel RB1-37



5G NR n41 15MHz BPSK High Channel RB1-37

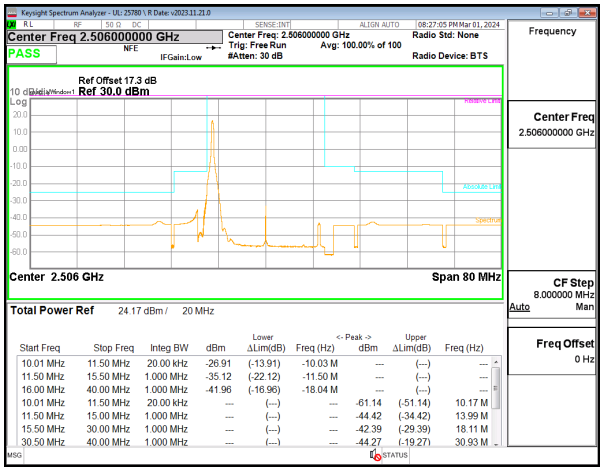


5G NR n41 15MHz BPSK Middle Channel RB36-0

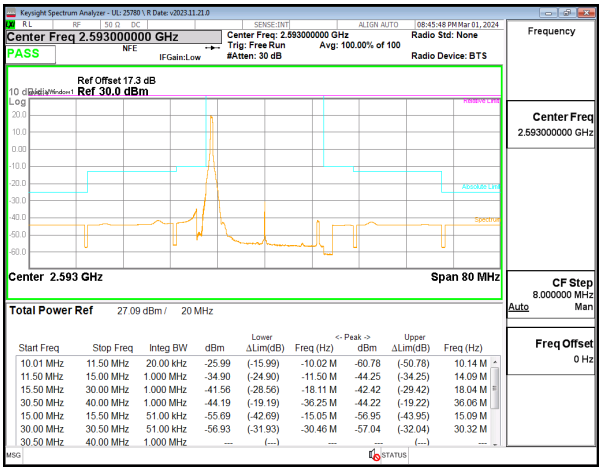


5G NR n41 15MHz BPSK High Channel RB36-0

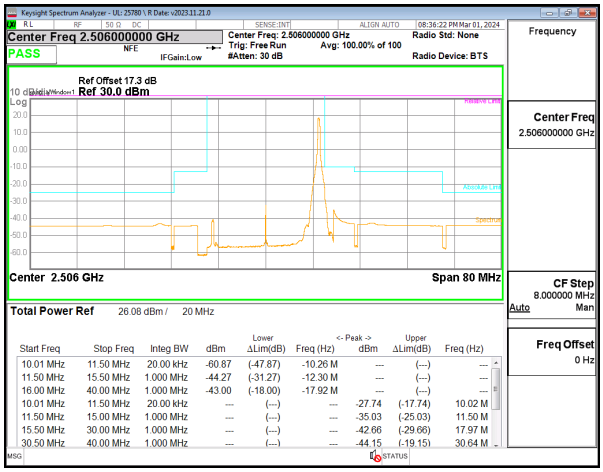
This report shall not be reproduced except in full, without the written approval of UL Verification Services Inc.



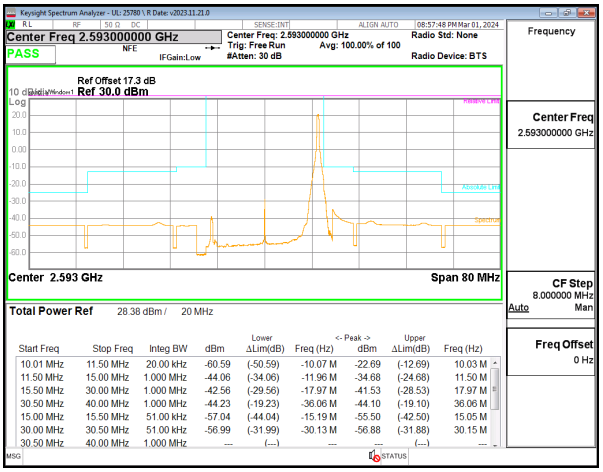
5G NR n41 20MHz BPSK Low Channel RB1-0



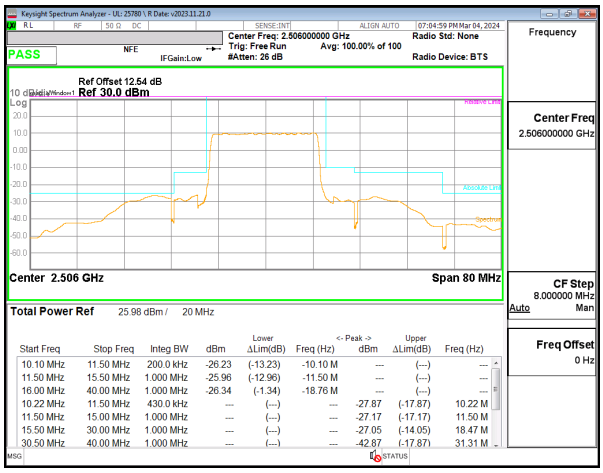
5G NR n41 20MHz BPSK Middle Channel RB1-0



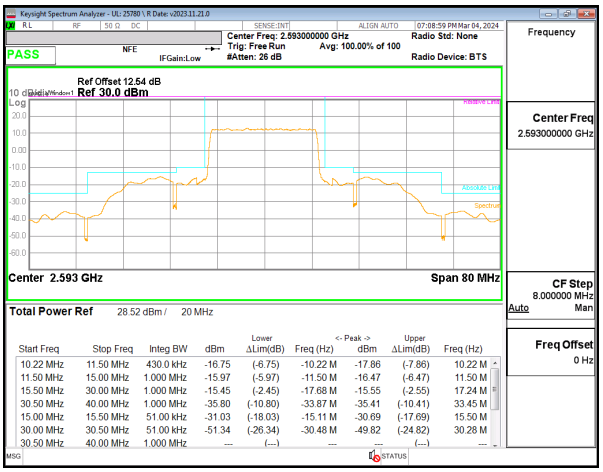
5G NR n41 20MHz BPSK Low Channel RB1-50



5G NR n41 20MHz BPSK Middle Channel RB1-50

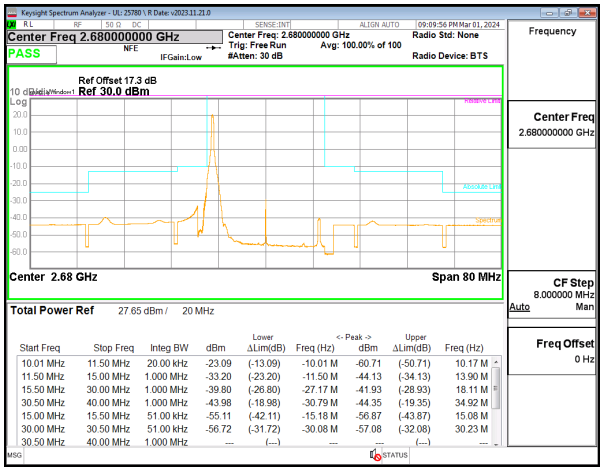


5G NR n41 20MHz BPSK Low Channel RB50-0

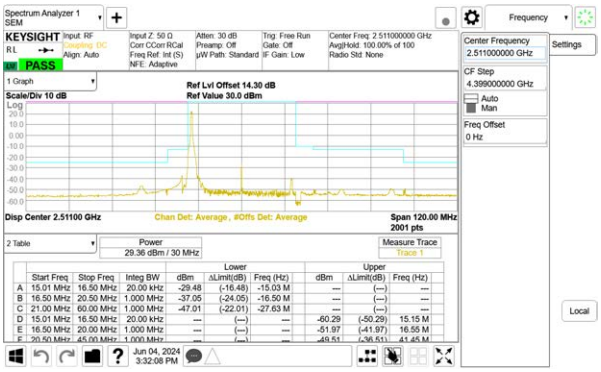


5G NR n41 20MHz BPSK Middle Channel RB50-0

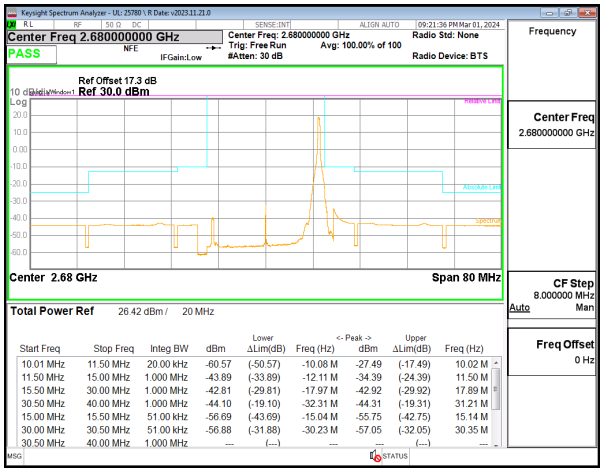
This report shall not be reproduced except in full, without the written approval of UL Verification Services Inc.



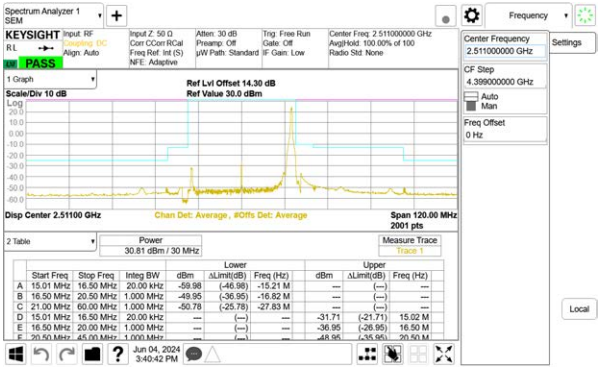
5G NR n41 20MHz BPSK High Channel RB1-0



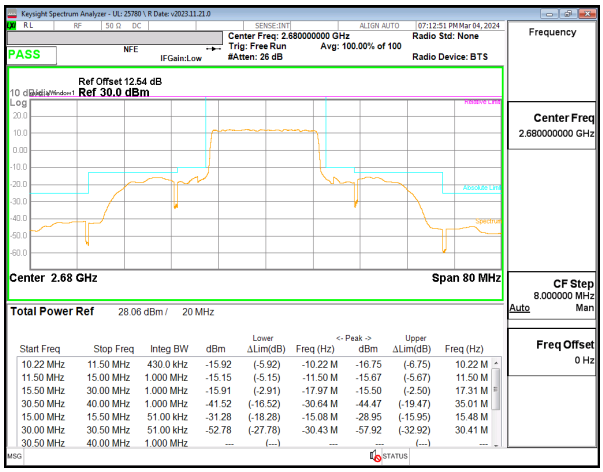
5G NR n41 30MHz BPSK Low Channel RB1-0, ID:28774



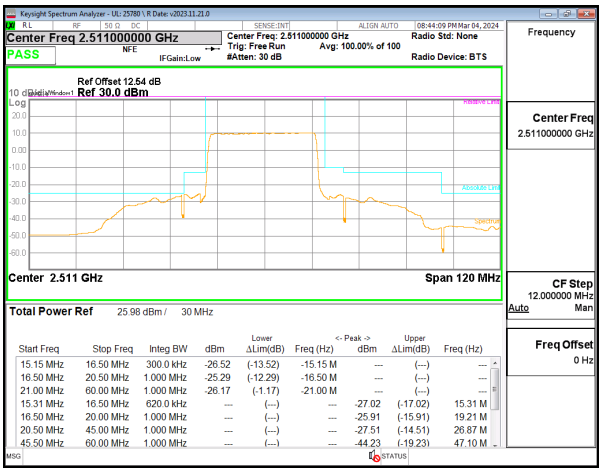
5G NR n41 20MHz BPSK High Channel RB1-50



5G NR n41 30MHz BPSK Low Channel RB1-77, ID:28774

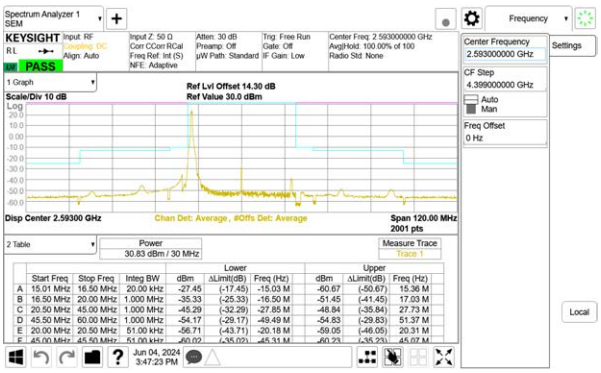


5G NR n41 20MHz BPSK High Channel RB50-0

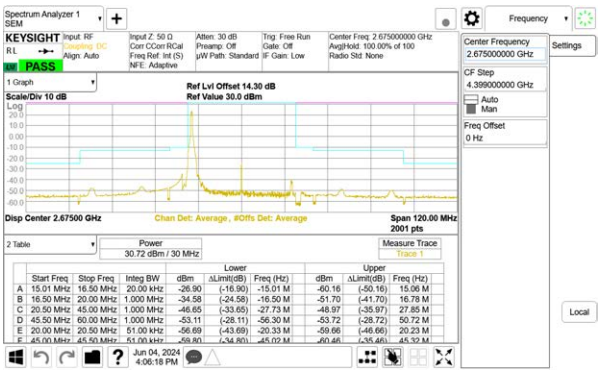


5G NR n41 30MHz BPSK Low Channel RB75-0

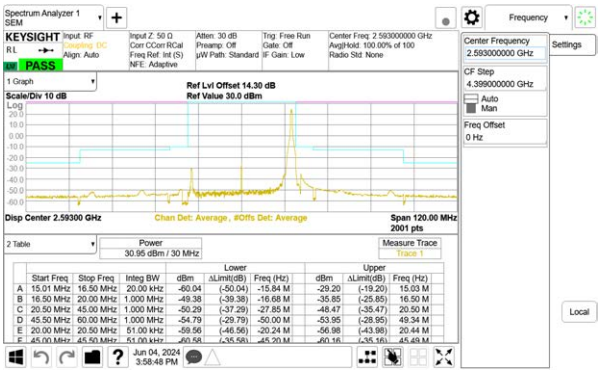
This report shall not be reproduced except in full, without the written approval of UL Verification Services Inc.



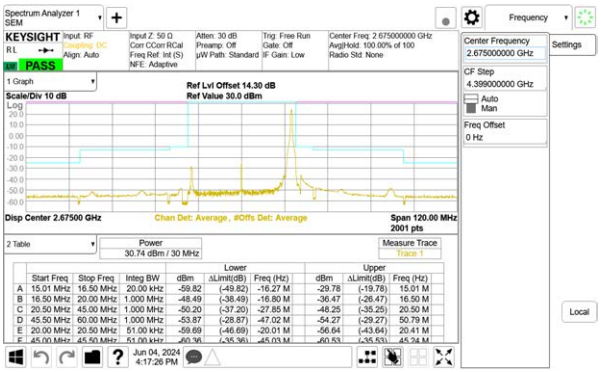
5G NR n41 30MHz BPSK Middle Channel RB1-0, ID:28774



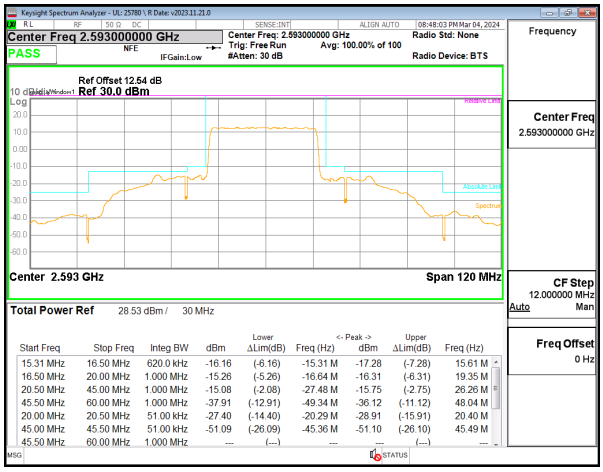
5G NR n41 30MHz BPSK High Channel RB1-0, ID:28774



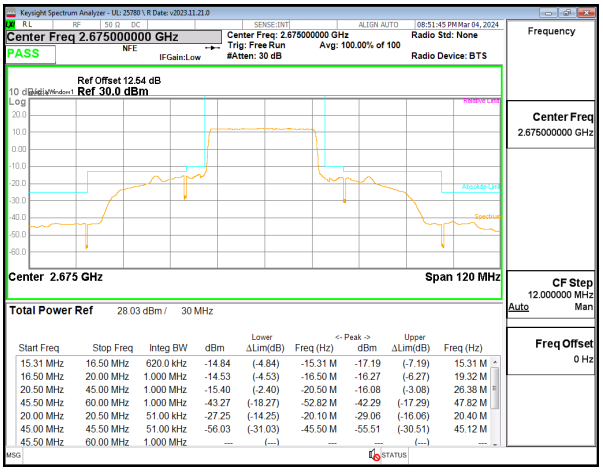
5G NR n41 30MHz BPSK Middle Channel RB1-77, ID:28774



5G NR n41 30MHz BPSK High Channel RB1-77, ID:28774

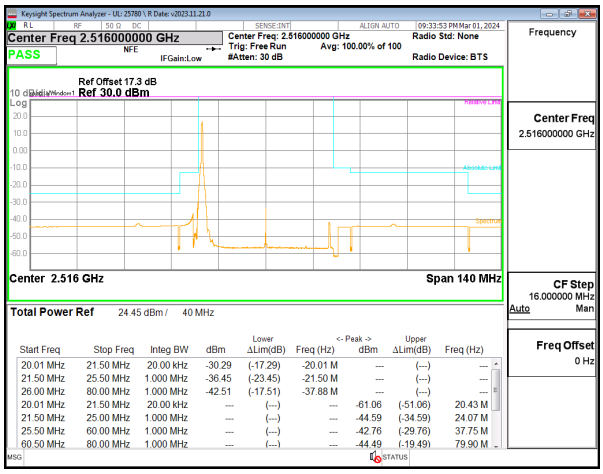


5G NR n41 30MHz BPSK Middle Channel RB75-0

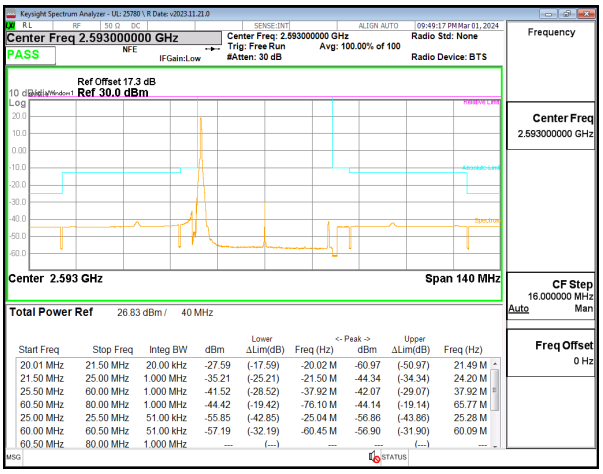


5G NR n41 30MHz BPSK High Channel RB75-0

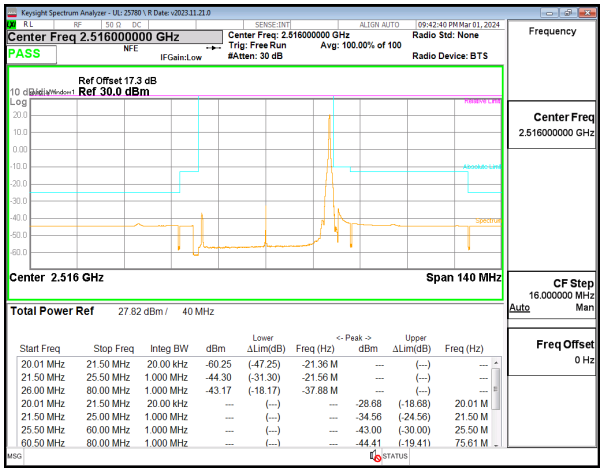
This report shall not be reproduced except in full, without the written approval of UL Verification Services Inc.



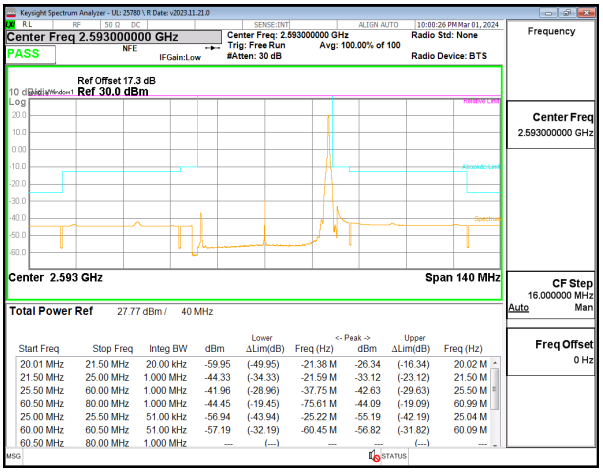
5G NR n41 40MHz BPSK Low Channel RB1-0



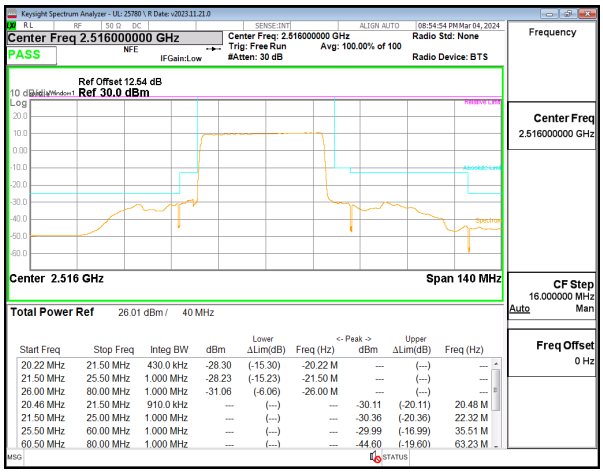
5G NR n41 40MHz BPSK Middle Channel RB1-0



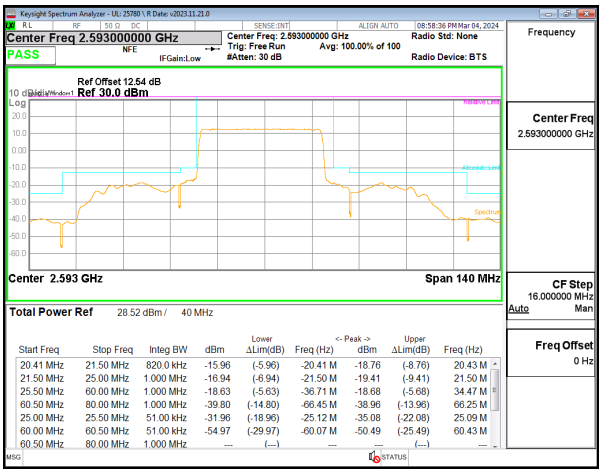
5G NR n41 40MHz BPSK Low Channel RB1-105



5G NR n41 40MHz BPSK Middle Channel RB1-105

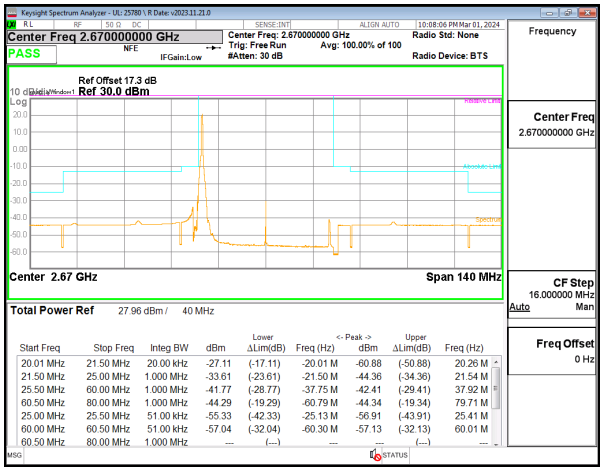


5G NR n41 40MHz BPSK Low Channel RB100-0

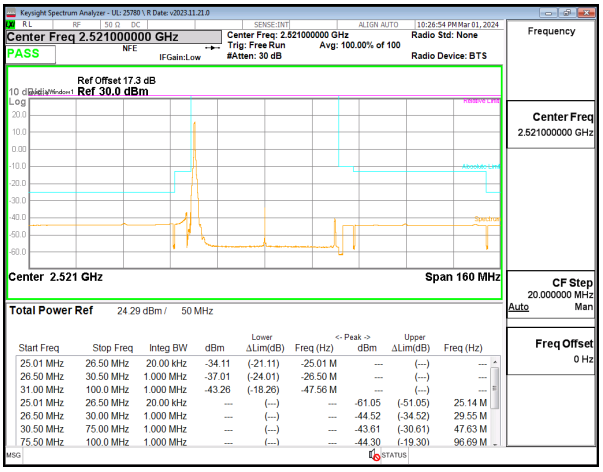


5G NR n41 40MHz BPSK Middle Channel RB100-0

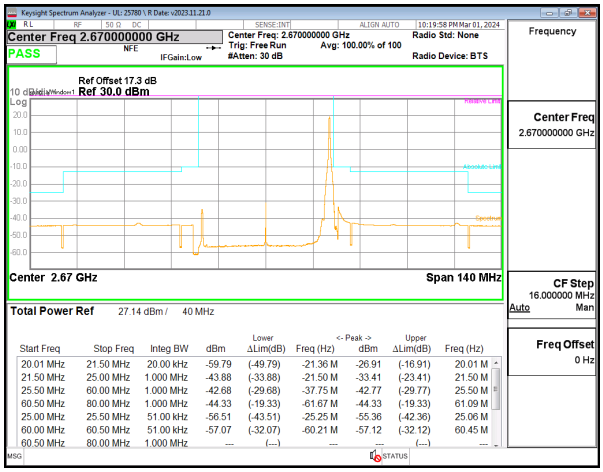
UL VERIFICATION SERVICES INC. FORM NO: CCSUP4031B
47173 BENICIA STREET, FREMONT, CA 94538, USA TEL: (510) 319-4000 FAX: (510) 661-0888
This report shall not be reproduced except in full, without the written approval of UL Verification Services Inc.



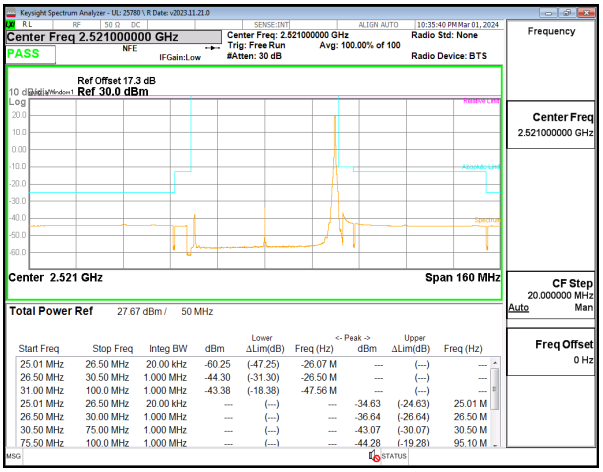
5G NR n41 40MHz BPSK High Channel RB1-0



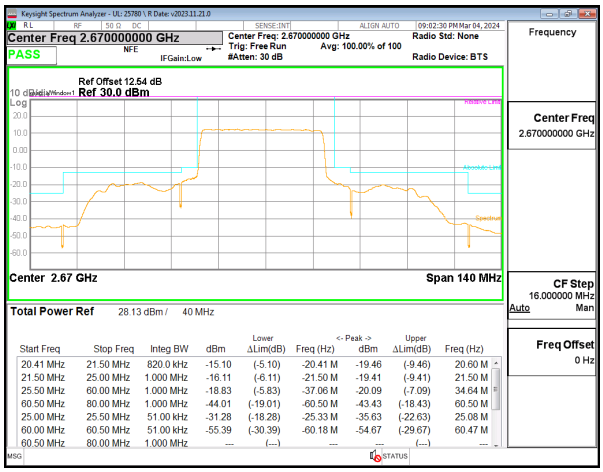
5G NR n41 50MHz BPSK Low Channel RB1-0



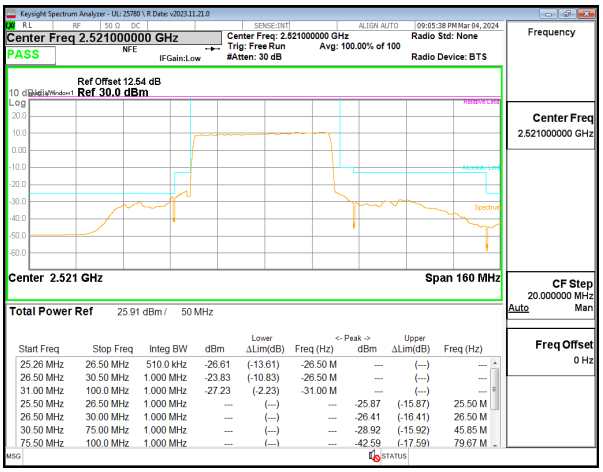
5G NR n41 40MHz BPSK High Channel RB1-105



5G NR n41 50MHz BPSK Low Channel RB1-132

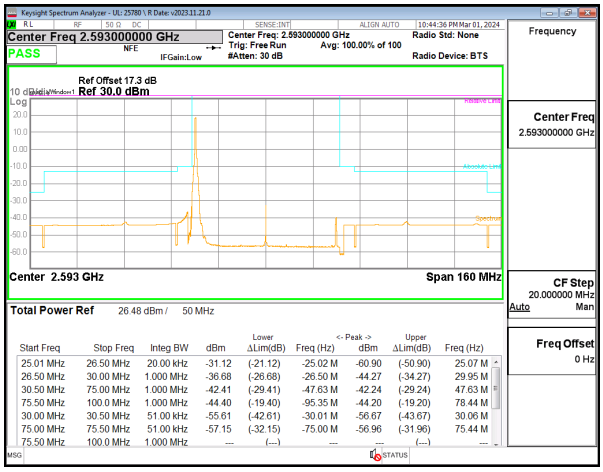


5G NR n41 40MHz BPSK High Channel RB100-0

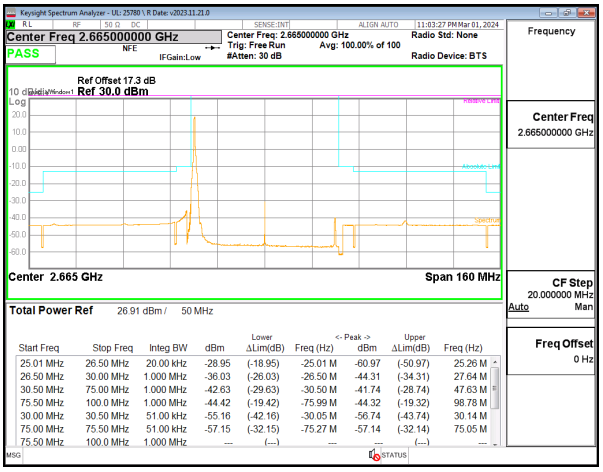


5G NR n41 50MHz BPSK Low Channel RB128-0

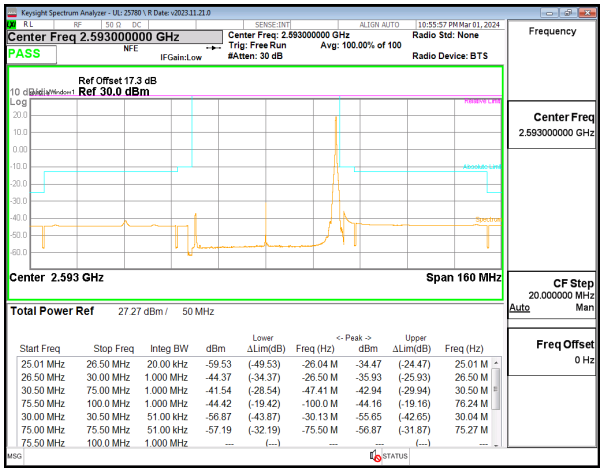
UL VERIFICATION SERVICES INC.
47173 BENICIA STREET, FREMONT, CA 94538, USA TEL: (510) 319-4000
FORM NO: CCSUP4031B
FAX: (510) 661-0888
This report shall not be reproduced except in full, without the written approval of UL Verification Services Inc.



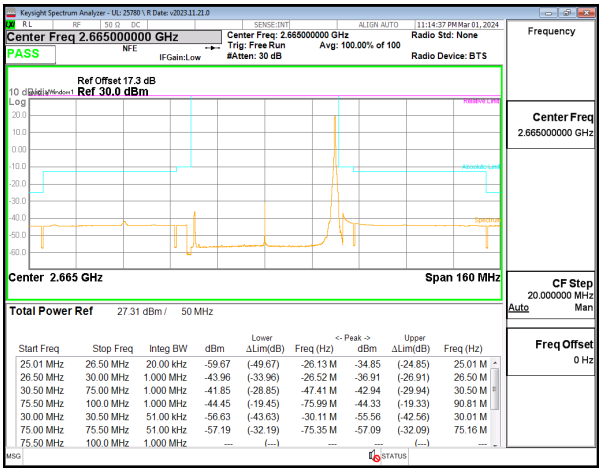
5G NR n41 50MHz BPSK Middle Channel RB1-0



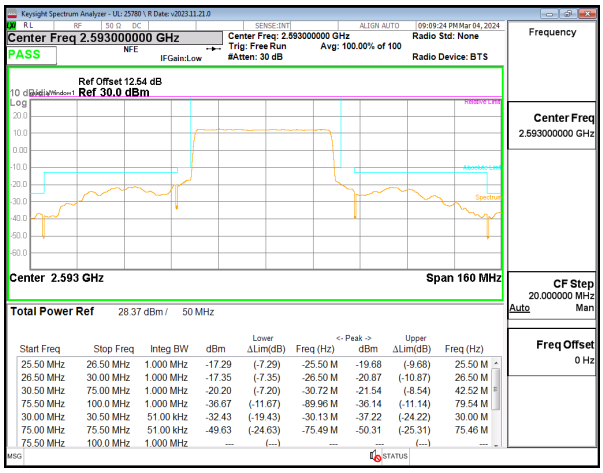
5G NR n41 50MHz BPSK High Channel RB1-0



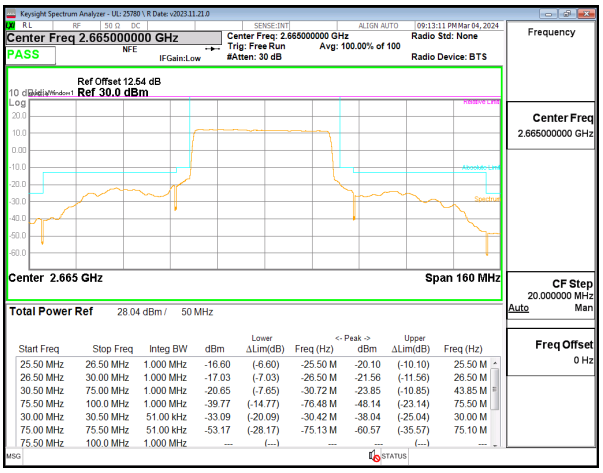
5G NR n41 50MHz BPSK Middle Channel RB1-132



5G NR n41 50MHz BPSK High Channel RB1-132



5G NR n41 50MHz BPSK Middle Channel RB128-0



5G NR n41 50MHz BPSK High Channel RB128-0

This report shall not be reproduced except in full, without the written approval of UL Verification Services Inc.