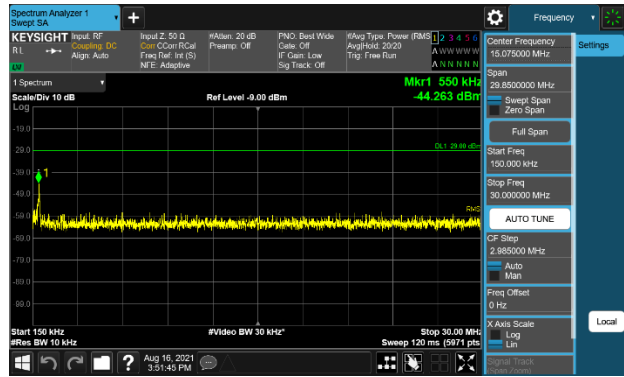
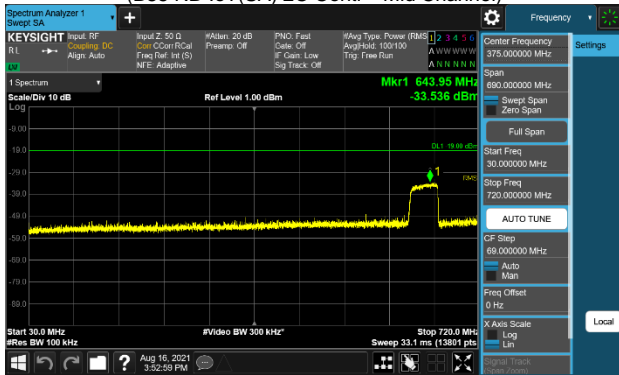




Plot 7-216. Conducted Spurious Emission Plot (9kHz to 150kHz)
(B85 NB-IoT(SA) 2C Conti – Mid Channel)



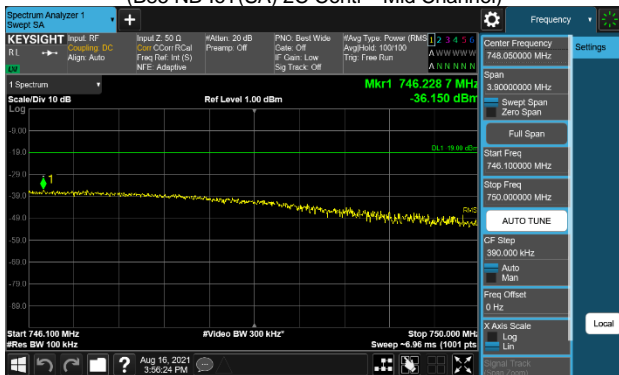
Plot 7-217. Conducted Spurious Emission Plot (150kHz to 30MHz)
(B85 NB-IoT(SA) 2C Conti – Mid Channel)



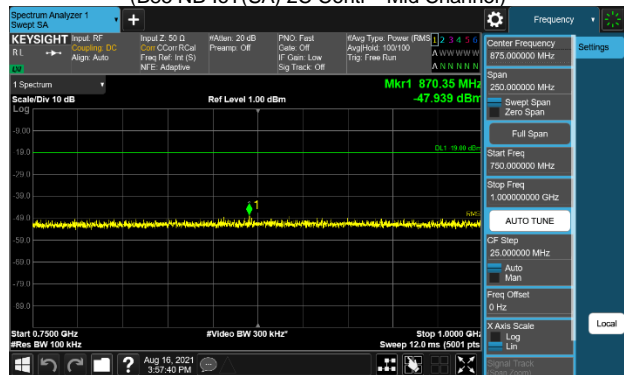
Plot 7-218. Conducted Spurious Emission Plot (30MHz to 720MHz)
(B85 NB-IoT(SA) 2C Conti – Mid Channel)



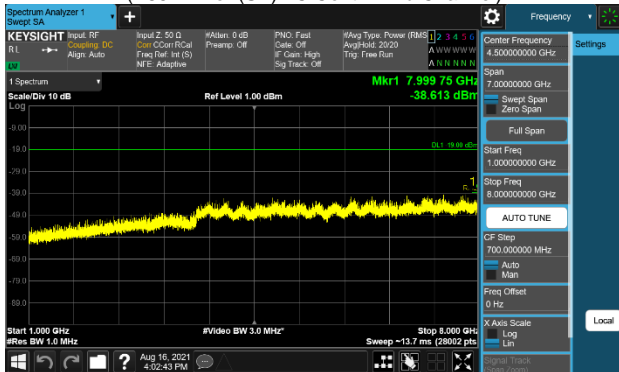
Plot 7-219. Conducted Spurious Emission Plot (720MHz to 727.9MHz)
(B85 NB-IoT(SA) 2C Conti – Mid Channel)



Plot 7-220. Conducted Spurious Emission Plot (746.1MHz to 750MHz)
(B85 NB-IoT(SA) 2C Conti – Mid Channel)

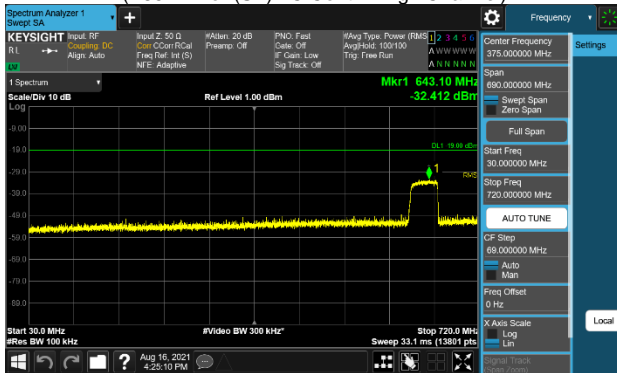
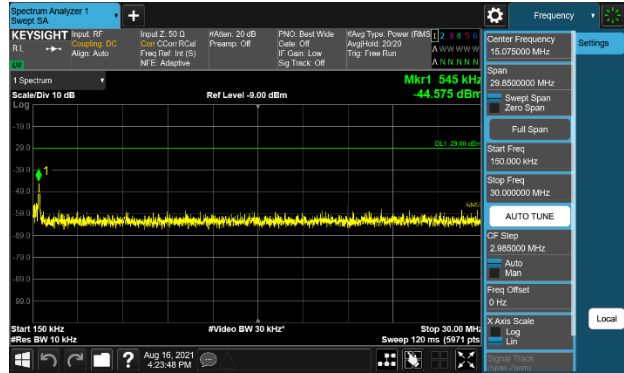
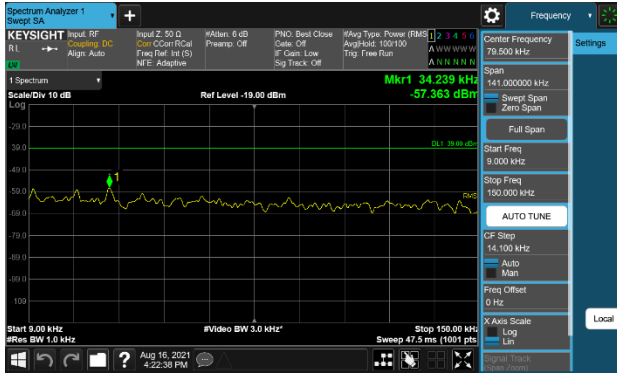




Plot 7-221. Conducted Spurious Emission Plot (750MHz to 1GHz)
(B85 NB-IoT(SA) 2C Conti – Mid Channel)



Plot 7-222. Conducted Spurious Emission Plot (1GHz to 8GHz)
(B85 NB-IoT(SA) 2C Conti – Mid Channel)

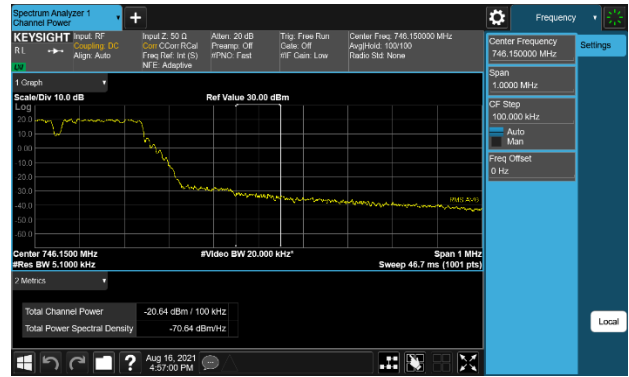
| | | | | |
|------------------------------------|--|---------------------------------------|--|-----------------------------------|
| FCC ID: A3LRF4435D-71A | | MEASUREMENT REPORT (CERTIFICATION) | | Approved by: Technical Manager |
| Test Report S/N: 8K21061101.A3L | Test Dates: 08/04/2021 - 08/24/2021 | EUT Type: RRU (RF4435d) | | Page 121 of 166 |



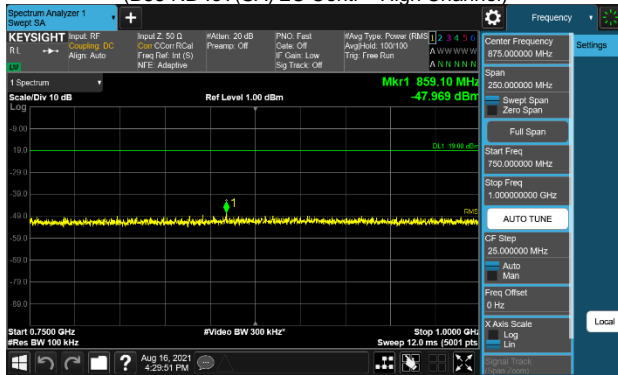
| | | | | |
|------------------------------------|---|---------------------------------------|---|-----------------------------------|
| FCC ID: A3LRF4435D-71A |  | MEASUREMENT REPORT (CERTIFICATION) |  | Approved by: Technical Manager |
| Test Report S/N: 8K21061101.A3L | Test Dates: 08/04/2021 - 08/24/2021 | EUT Type: RRU (RF4435d) | Page 122 of 166 | |



Plot 7-227. Conducted Spurious Emission Plot (746.1MHz to 750MHz) (B85 NB-IoT(SA) 2C Conti – High Channel)



Plot 7-228. Conducted Spurious Emission Plot (746.1MHz to 750MHz) Channel Power (B85 NB-IoT(SA) 2C Conti – High Channel)



Plot 7-229. Conducted Spurious Emission Plot (750MHz to 1GHz) (B85 NB-IoT(SA) 2C Conti – High Channel)





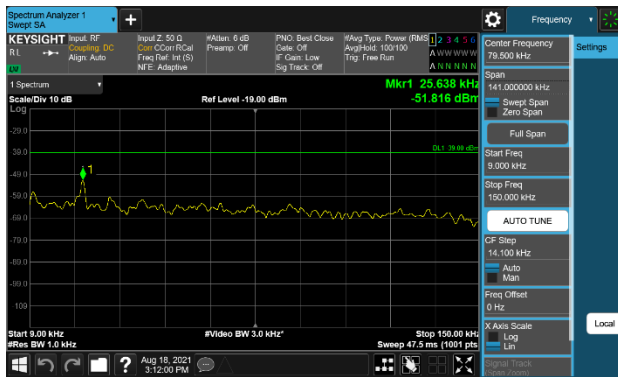
Plot 7-230. Conducted Spurious Emission Plot (1GHz to 8GHz) (B85 NB-IoT(SA) 2C Conti – High Channel)

| | | | | |
|---|---|---|-----------------|--|
| FCC ID: A3LRF4435D-71A | | MEASUREMENT REPORT (CERTIFICATION) | | Approved by: Technical Manager |
| Test Report S/N: 8K21061101.A3L | Test Dates: 08/04/2021 - 08/24/2021 | EUT Type: RRU (RF4435d) | Page 123 of 166 | |

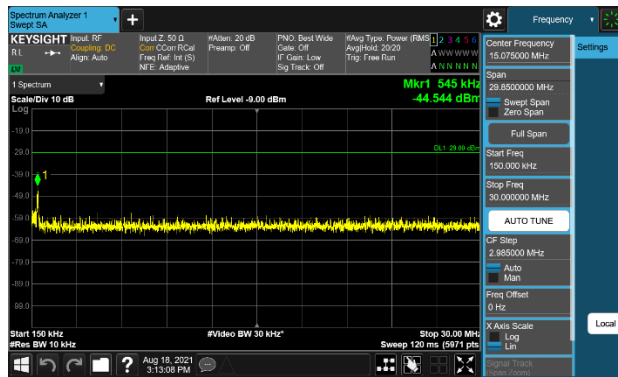
| Port # | Measurement Range | Level (dBm) | Limit (dBm) |
|--------|----------------------|-------------|-------------|
| | | QPSK | |
| 3 | 9 kHz to 150 kHz | -51.82 | -39.0 |
| | 150 kHz to 30 MHz | -44.54 | -29.0 |
| | 30 MHz to 720 MHz | -32.39 | -19.0 |
| | 720 MHz to 727.9 MHz | -25.00 | -19.0 |
| | 746.1 MHz to 750 MHz | -24.58 | -19.0 |
| | 750 MHz to 1 GHz | -47.65 | -19.0 |
| | 1 GHz to 8 GHz | -37.79 | -19.0 |

**Table 7-50. Conducted Spurious Emission Summary Data
(B85 NB-IoT(SA) 2C Non-conti)**

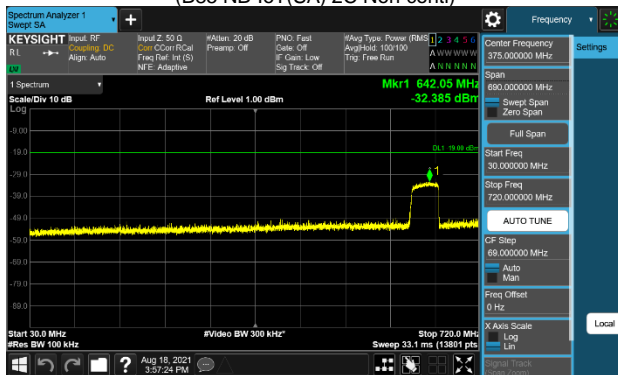
| | | | | |
|---|---|---|---|--|
| FCC ID: A3LRF4435D-71A |  | MEASUREMENT REPORT (CERTIFICATION) |  | Approved by: Technical Manager |
| Test Report S/N: 8K21061101.A3L | Test Dates: 08/04/2021 - 08/24/2021 | EUT Type: RRU (RF4435d) | Page 124 of 166 | |



Plot 7-231. Conducted Spurious Emission Plot (9kHz to 150kHz)
(B85 NB-IoT(SA) 2C Non-conti)



Plot 7-232. Conducted Spurious Emission Plot (150kHz to 30MHz)
(B85 NB-IoT(SA) 2C Non-conti)



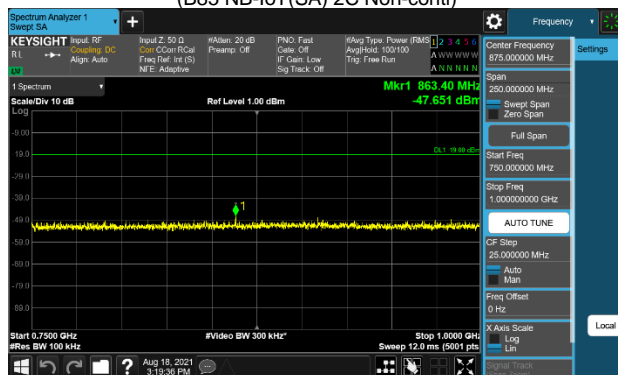
Plot 7-233. Conducted Spurious Emission Plot (30MHz to 720MHz)
(B85 NB-IoT(SA) 2C Non-conti)



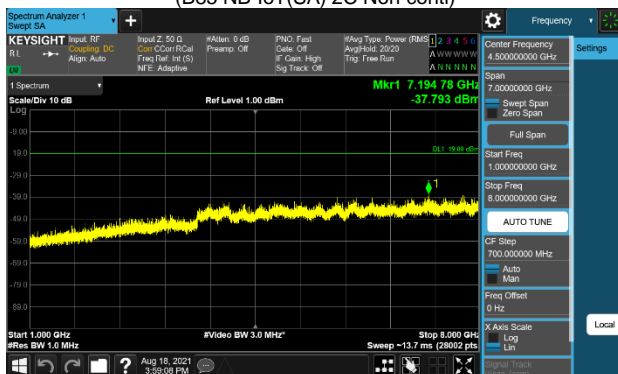
Plot 7-234. Conducted Spurious Emission Plot (720MHz to 727.9MHz)
(B85 NB-IoT(SA) 2C Non-conti)



Plot 7-235. Conducted Spurious Emission Plot (746.1MHz to 750MHz)
(B85 NB-IoT(SA) 2C Non-conti)



Plot 7-236. Conducted Spurious Emission Plot (750MHz to 1GHz)
(B85 NB-IoT(SA) 2C Non-conti)



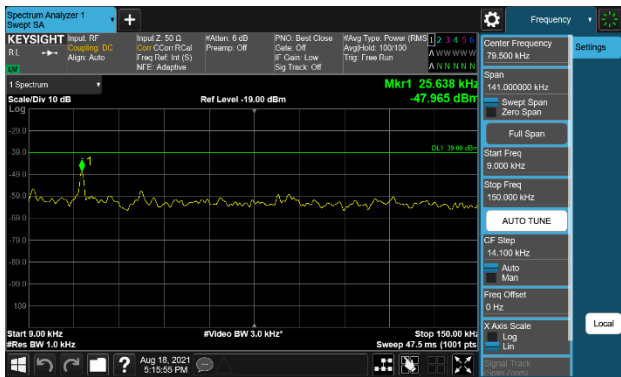
Plot 7-237. Conducted Spurious Emission Plot (1GHz to 8GHz)
(B85 NB-IoT(SA) 2C Non-conti)

| | | | | |
|--|--|---|------------------------|---|
| <p>FCC ID: A3LRF4435D-71A</p> | | <p>MEASUREMENT REPORT (CERTIFICATION)</p> | | <p>Approved by: Technical Manager</p> |
| <p>Test Report S/N: 8K21061101.A3L</p> | <p>Test Dates: 08/04/2021 - 08/24/2021</p> | <p>EUT Type: RRU (RF4435d)</p> | <p>Page 125 of 166</p> | |

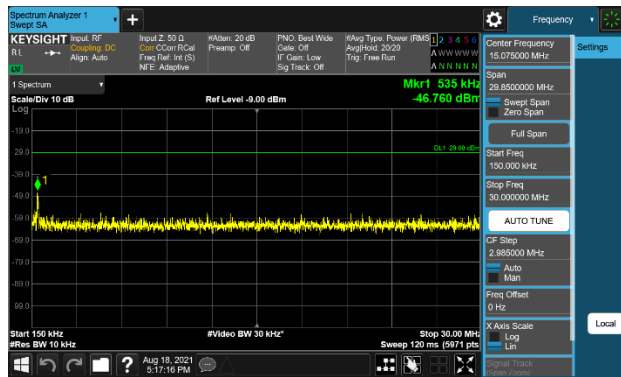
| Ch. | Port # | Measurement Range | Level (dBm) | Limit (dBm) |
|--------|--------|----------------------|-------------|-------------|
| | | | QPSK | |
| Low | 0 | 9 kHz to 150 kHz | -47.97 | -39.0 |
| | | 150 kHz to 30 MHz | -46.76 | -29.0 |
| | | 30 MHz to 720 MHz | -32.28 | -19.0 |
| | | 720 MHz to 727.9 MHz | -28.57 | -19.0 |
| | | 746.1 MHz to 750 MHz | -34.92 | -19.0 |
| | | 750 MHz to 1 GHz | -46.15 | -19.0 |
| | | 1 GHz to 8 GHz | -37.61 | -19.0 |
| Middle | 2 | 9 kHz to 150 kHz | -51.13 | -39.0 |
| | | 150 kHz to 30 MHz | -40.79 | -29.0 |
| | | 30 MHz to 720 MHz | -32.54 | -19.0 |
| | | 720 MHz to 727.9 MHz | -33.67 | -19.0 |
| | | 746.1 MHz to 750 MHz | -34.15 | -19.0 |
| | | 750 MHz to 1 GHz | -48.31 | -19.0 |
| | | 1 GHz to 8 GHz | -37.95 | -19.0 |
| High | 0 | 9 kHz to 150 kHz | -51.73 | -39.0 |
| | | 150 kHz to 30 MHz | -42.96 | -29.0 |
| | | 30 MHz to 720 MHz | -32.41 | -19.0 |
| | | 720 MHz to 727.9 MHz | -33.84 | -19.0 |
| | | 746.1 MHz to 750 MHz | -24.11 | -19.0 |
| | | 750 MHz to 1 GHz | -45.85 | -19.0 |
| | | 1 GHz to 8 GHz | -37.21 | -19.0 |

**Table 7-51. Conducted Spurious Emission Summary Data
(B85 LTE 1C 5M + NB-IoT(SA) 1C Conti)**

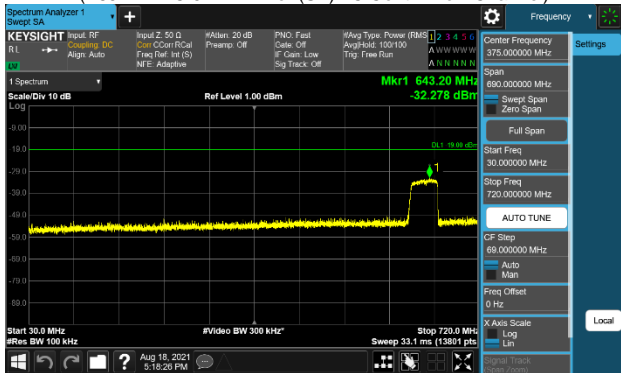
| | | | | |
|---|---|---|---|--|
| FCC ID: A3LRF4435D-71A |  | MEASUREMENT REPORT (CERTIFICATION) |  | Approved by: Technical Manager |
| Test Report S/N: 8K21061101.A3L | Test Dates: 08/04/2021 - 08/24/2021 | EUT Type: RRU (RF4435d) | Page 126 of 166 | |



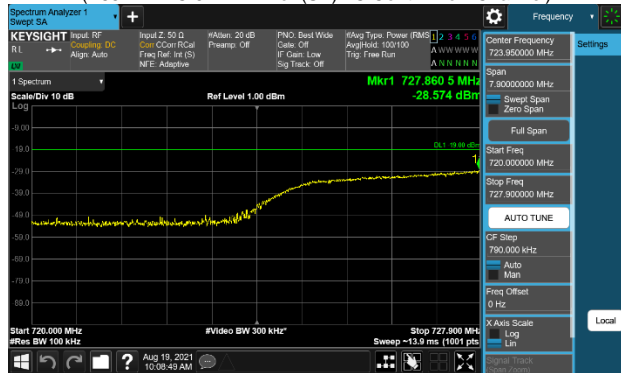
Plot 7-238. Conducted Spurious Emission Plot (9kHz to 150kHz)
(B85 LTE 1C 5M + NB-IoT(SA) 1C Conti – Low Channel)



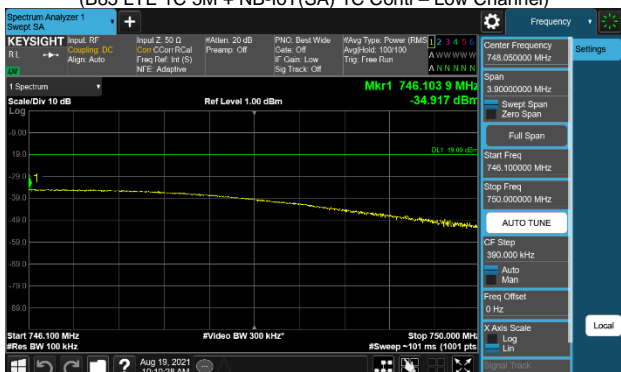
Plot 7-239. Conducted Spurious Emission Plot (150kHz to 30MHz)
(B85 LTE 1C 5M + NB-IoT(SA) 1C Conti – Low Channel)



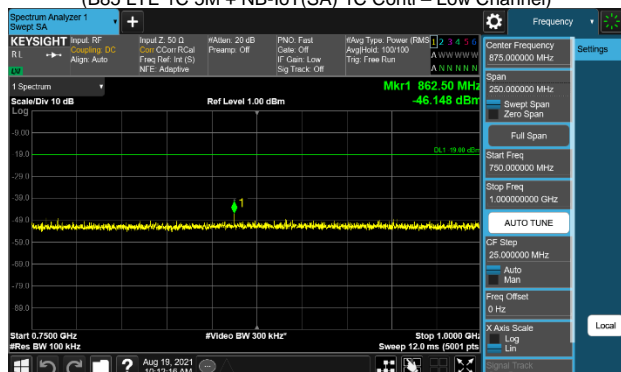
Plot 7-240. Conducted Spurious Emission Plot (30MHz to 720MHz)
(B85 LTE 1C 5M + NB-IoT(SA) 1C Conti – Low Channel)



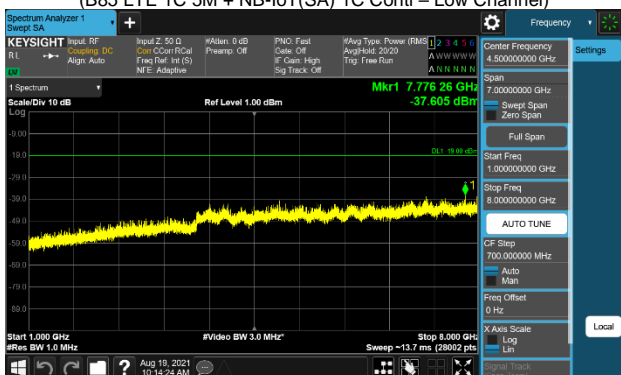
Plot 7-241. Conducted Spurious Emission Plot (720MHz to 727.9MHz)
(B85 LTE 1C 5M + NB-IoT(SA) 1C Conti – Low Channel)



Plot 7-242. Conducted Spurious Emission Plot (746.1MHz to 750MHz)
(B85 LTE 1C 5M + NB-IoT(SA) 1C Conti – Low Channel)

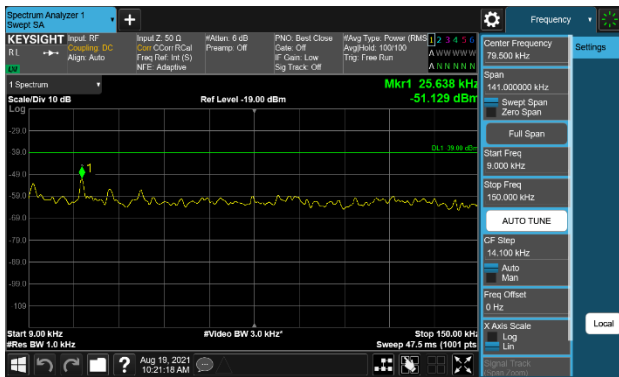


Plot 7-243. Conducted Spurious Emission Plot (750MHz to 1GHz)
(B85 LTE 1C 5M + NB-IoT(SA) 1C Conti – Low Channel)

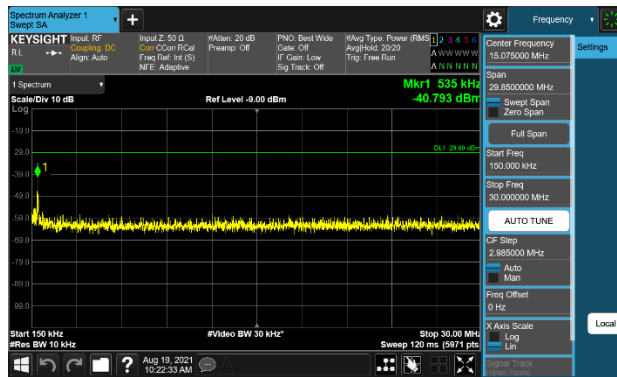


Plot 7-244. Conducted Spurious Emission Plot (1GHz to 8GHz)
(B85 LTE 1C 5M + NB-IoT(SA) 1C Conti – Low Channel)

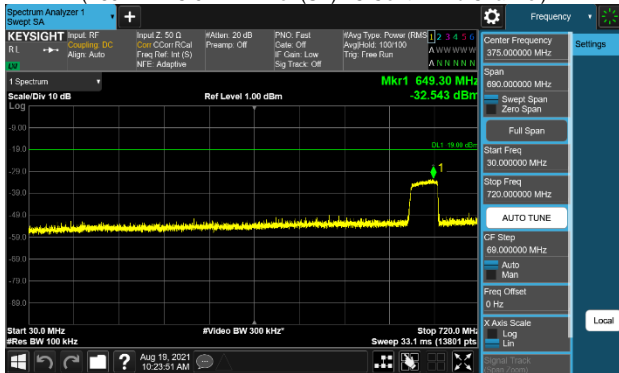
| | | | | |
|------------------------------------|--|---------------------------------------|--|-----------------------------------|
| FCC ID: A3LRF4435D-71A | | MEASUREMENT REPORT (CERTIFICATION) | | Approved by: Technical Manager |
| Test Report S/N: 8K21061101.A3L | Test Dates: 08/04/2021 - 08/24/2021 | EUT Type: RRU (RF4435d) | | Page 127 of 166 |



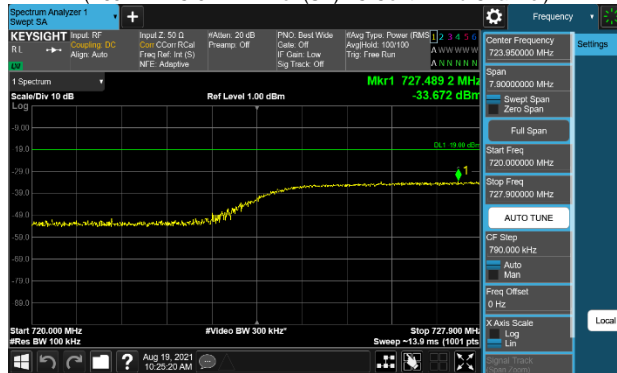
Plot 7-245. Conducted Spurious Emission Plot (9kHz to 150kHz)
(B85 LTE 1C 5M + NB-IoT(SA) 1C Conti – Mid Channel)



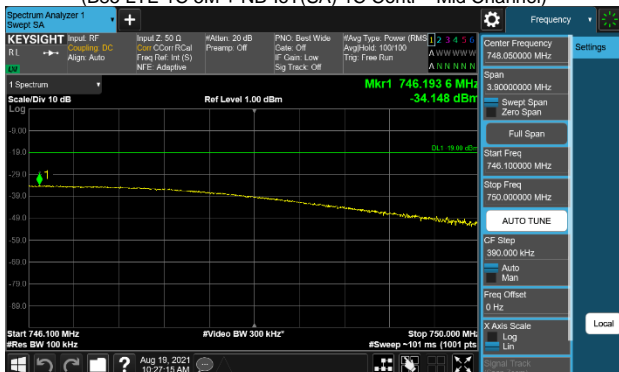
Plot 7-246. Conducted Spurious Emission Plot (150kHz to 30MHz)
(B85 LTE 1C 5M + NB-IoT(SA) 1C Conti – Mid Channel)



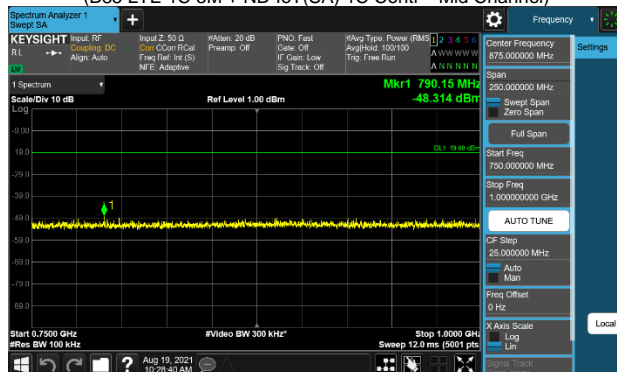
Plot 7-247. Conducted Spurious Emission Plot (30MHz to 720MHz)
(B85 LTE 1C 5M + NB-IoT(SA) 1C Conti – Mid Channel)



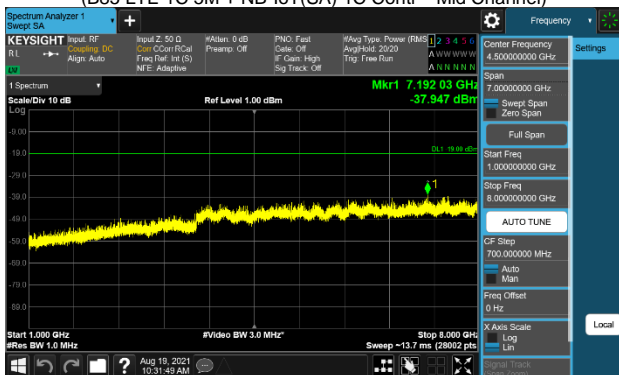
Plot 7-248. Conducted Spurious Emission Plot (720MHz to 727.9MHz)
(B85 LTE 1C 5M + NB-IoT(SA) 1C Conti – Mid Channel)



Plot 7-249. Conducted Spurious Emission Plot (746.1MHz to 750MHz)
(B85 LTE 1C 5M + NB-IoT(SA) 1C Conti – Mid Channel)

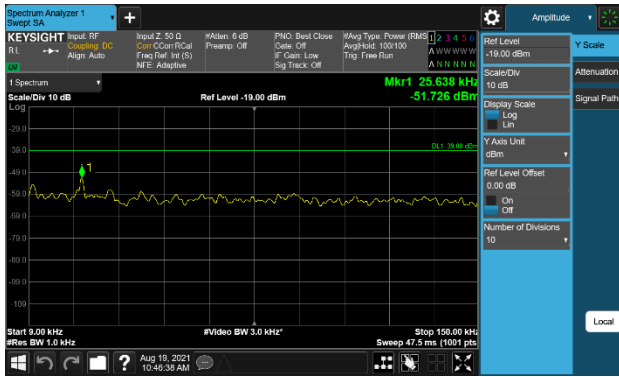


Plot 7-250. Conducted Spurious Emission Plot (750MHz to 1GHz)
(B85 LTE 1C 5M + NB-IoT(SA) 1C Conti – Mid Channel)



Plot 7-251. Conducted Spurious Emission Plot (1GHz to 8GHz)
(B85 LTE 1C 5M + NB-IoT(SA) 1C Conti – Mid Channel)

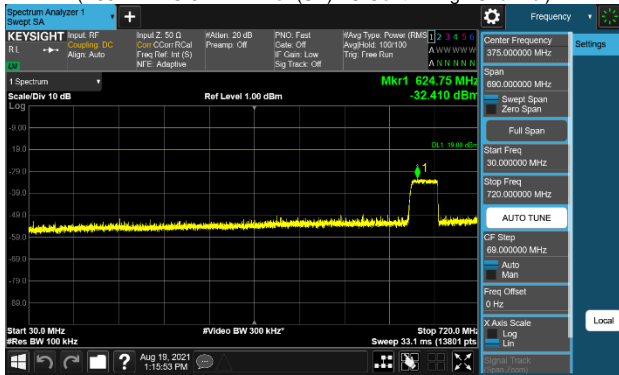
| | | | | |
|------------------------------------|--|---------------------------------------|--|-----------------------------------|
| FCC ID: A3LRF4435D-71A | | MEASUREMENT REPORT (CERTIFICATION) | | Approved by: Technical Manager |
| Test Report S/N: 8K21061101.A3L | Test Dates: 08/04/2021 - 08/24/2021 | EUT Type: RRU (RF4435d) | | Page 128 of 166 |



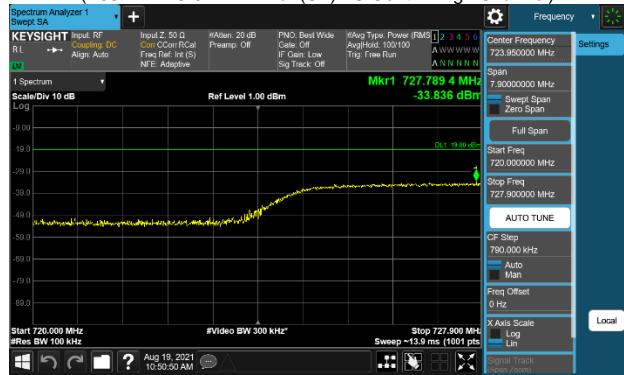
Plot 7-253. Conducted Spurious Emission Plot (9kHz to 150kHz)
(B85 LTE 1C 5M + NB-IoT(SA) 1C Conti – High Channel)



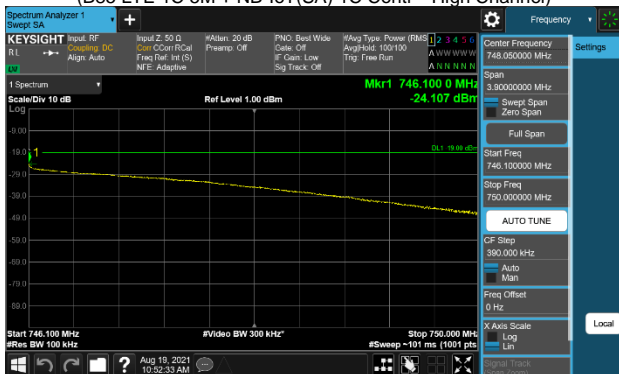
Plot 7-254. Conducted Spurious Emission Plot (150kHz to 30MHz)
(B85 LTE 1C 5M + NB-IoT(SA) 1C Conti – High Channel)



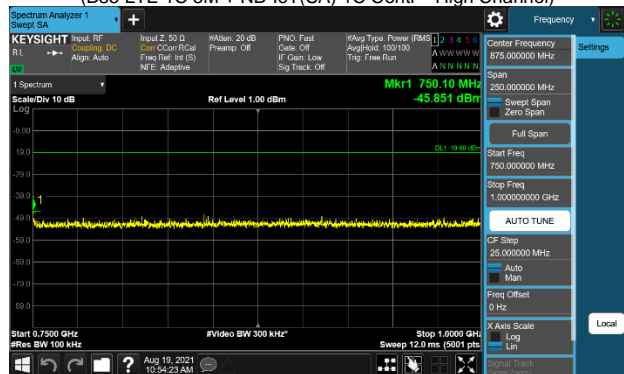
Plot 7-254. Conducted Spurious Emission Plot (30MHz to 720MHz)
(B85 LTE 1C 5M + NB-IoT(SA) 1C Conti – High Channel)



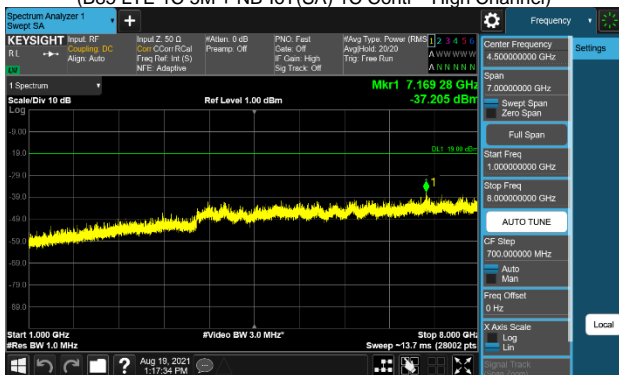
Plot 7-255. Conducted Spurious Emission Plot (720MHz to 727.9MHz)
(B85 LTE 1C 5M + NB-IoT(SA) 1C Conti – High Channel)



Plot 7-256. Conducted Spurious Emission Plot (746.1MHz to 750MHz)
(B85 LTE 1C 5M + NB-IoT(SA) 1C Conti – High Channel)



Plot 7-257. Conducted Spurious Emission Plot (750MHz to 1GHz)
(B85 LTE 1C 5M + NB-IoT(SA) 1C Conti – High Channel)





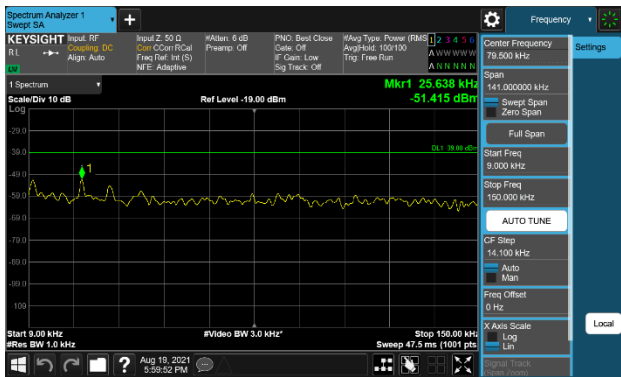
Plot 7-258. Conducted Spurious Emission Plot (1GHz to 8GHz)
(B85 LTE 1C 5M + NB-IoT(SA) 1C Conti – High Channel)

| | | | |
|--|--|--|---|
| <p>FCC ID: A3LRF4435D-71A</p> | | <p>MEASUREMENT REPORT (CERTIFICATION)</p> | <p>Approved by: Technical Manager</p> |
| <p>Test Report S/N: 8K21061101.A3L</p> | <p>Test Dates: 08/04/2021 - 08/24/2021</p> | <p>EUT Type: RRU (RF4435d)</p> | <p>Page 129 of 166</p> |

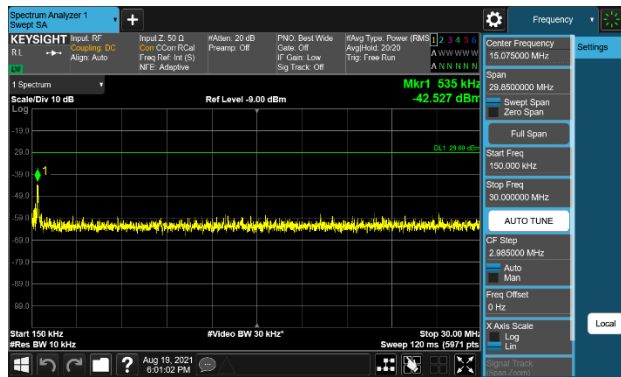
| Port # | Measurement Range | Level (dBm) | Limit (dBm) |
|--------|----------------------|-------------|-------------|
| | | QPSK | |
| 3 | 9 kHz to 150 kHz | -51.42 | -39.0 |
| | 150 kHz to 30 MHz | -42.53 | -29.0 |
| | 30 MHz to 720 MHz | -32.07 | -19.0 |
| | 720 MHz to 727.9 MHz | -25.81 | -19.0 |
| | 746.1 MHz to 750 MHz | -24.44 | -19.0 |
| | 750 MHz to 1 GHz | -47.85 | -19.0 |
| | 1 GHz to 8 GHz | -37.57 | -19.0 |

**Table 7-52. Conducted Spurious Emission Summary Data
(B85 LTE 1C 5M + NB-IoT(SA) 1C Non-conti)**

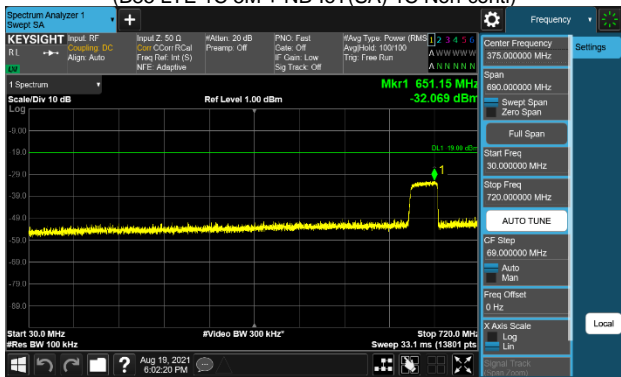
| | | | | |
|---|--|---|---|--|
| FCC ID: A3LRF4435D-71A |  <small>ENGINEERING LABORATORY, INC.</small> | MEASUREMENT REPORT (CERTIFICATION) |  | Approved by: Technical Manager |
| Test Report S/N: 8K21061101.A3L | Test Dates: 08/04/2021 - 08/24/2021 | EUT Type: RRU (RF4435d) | Page 130 of 166 | |



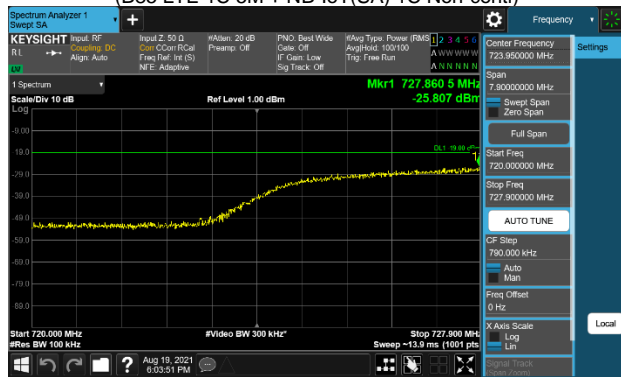
Plot 7-255. Conducted Spurious Emission Plot (9kHz to 150kHz)
(B85 LTE 1C 5M + NB-IoT(SA) 1C Non-conti)



Plot 7-260. Conducted Spurious Emission Plot (150kHz to 30MHz)
(B85 LTE 1C 5M + NB-IoT(SA) 1C Non-conti)



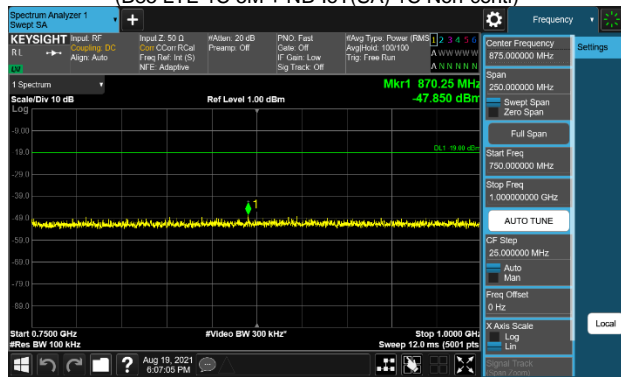
Plot 7-261. Conducted Spurious Emission Plot (30MHz to 720MHz)
(B85 LTE 1C 5M + NB-IoT(SA) 1C Non-conti)



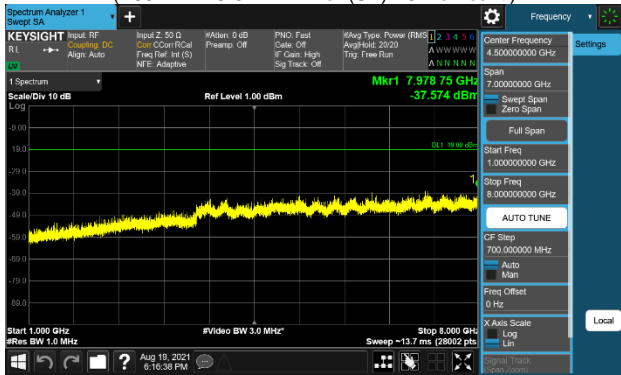
Plot 7-262. Conducted Spurious Emission Plot (720MHz to 727.9MHz)
(B85 LTE 1C 5M + NB-IoT(SA) 1C Non-conti)



Plot 7-263. Conducted Spurious Emission Plot (746.1MHz to 750MHz)
(B85 LTE 1C 5M + NB-IoT(SA) 1C Non-conti)



Plot 7-264. Conducted Spurious Emission Plot (750MHz to 1GHz)
(B85 LTE 1C 5M + NB-IoT(SA) 1C Non-conti)




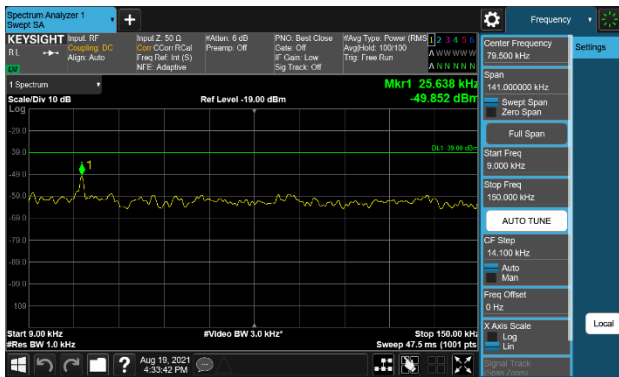
Plot 7-265. Conducted Spurious Emission Plot (1GHz to 8GHz)
(B85 LTE 1C 5M + NB-IoT(SA) 1C Non-conti - Low Channel)

| | | | | |
|--|--|---|------------------------|---|
| <p>FCC ID: A3LRF4435D-71A</p> | | <p>MEASUREMENT REPORT (CERTIFICATION)</p> | | <p>Approved by: Technical Manager</p> |
| <p>Test Report S/N: 8K21061101.A3L</p> | <p>Test Dates: 08/04/2021 - 08/24/2021</p> | <p>EUT Type: RRU (RF4435d)</p> | <p>Page 131 of 166</p> | |

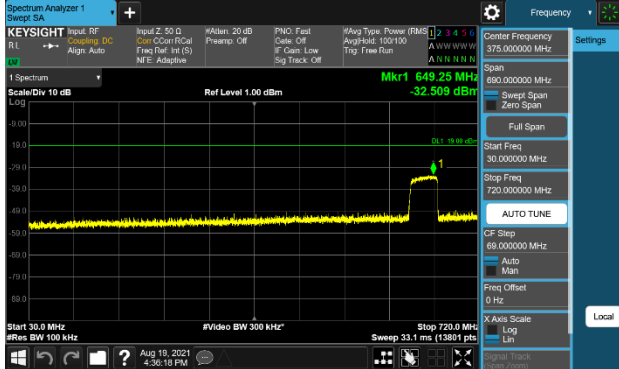
| Ch. | Port # | Measurement Range | Level(dBm) | Limit (dBm) |
|--------|--------|----------------------|------------|-------------|
| | | | QPSK | |
| Low | 0 | 9 kHz to 150 kHz | -49.85 | -39.0 |
| | 0 | 150 kHz to 30 MHz | -41.26 | -29.0 |
| | 0 | 30 MHz to 720 MHz | -32.51 | -19.0 |
| | 0 | 720 MHz to 727.9 MHz | -25.23 | -19.0 |
| | 0 | 746.1 MHz to 750 MHz | -34.69 | -19.0 |
| | 0 | 750 MHz to 1 GHz | -47.13 | -19.0 |
| | 0 | 1 GHz to 8 GHz | -37.45 | -19.0 |
| Middle | 3 | 9 kHz to 150 kHz | -52.04 | -39.0 |
| | 3 | 150 kHz to 30 MHz | -41.10 | -29.0 |
| | 3 | 30 MHz to 720 MHz | -32.13 | -19.0 |
| | 3 | 720 MHz to 727.9 MHz | -33.16 | -19.0 |
| | 3 | 746.1 MHz to 750 MHz | -33.32 | -19.0 |
| | 3 | 750 MHz to 1 GHz | -47.57 | -19.0 |
| | 3 | 1 GHz to 8 GHz | -37.71 | -19.0 |
| High | 3 | 9 kHz to 150 kHz | -51.89 | -39.0 |
| | 3 | 150 kHz to 30 MHz | -40.63 | -29.0 |
| | 3 | 30 MHz to 720 MHz | -31.70 | -19.0 |
| | 3 | 720 MHz to 727.9 MHz | -32.23 | -19.0 |
| | 3 | 746.1 MHz to 750 MHz | -24.37 | -19.0 |
| | 3 | 750 MHz to 1 GHz | -43.48 | -19.0 |
| | 3 | 1 GHz to 8 GHz | -38.73 | -19.0 |

**Table 7-53. Conducted Spurious Emission Summary Data
(B85 NB-IoT(SA) 1C + LTE 1C 5M + NB-IoT(SA) 1C Conti)**

| | | | | |
|---|---|---|---|--|
| FCC ID: A3LRF4435D-71A |  | MEASUREMENT REPORT (CERTIFICATION) |  | Approved by: Technical Manager |
| Test Report S/N: 8K21061101.A3L | Test Dates: 08/04/2021 - 08/24/2021 | EUT Type: RRU (RF4435d) | Page 132 of 166 | |



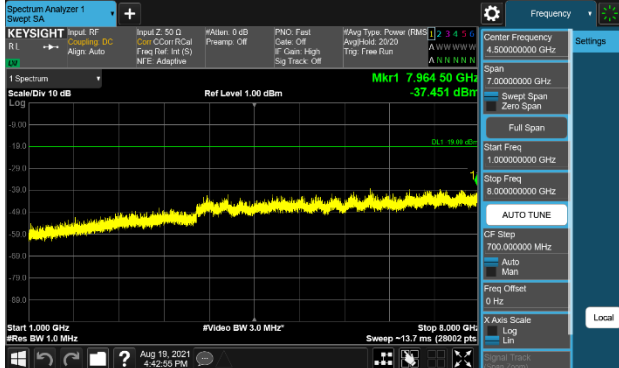
Plot 7-266. Conducted Spurious Emission Plot (9kHz to 150kHz)
(B85 NB-IoT(SA) 1C + LTE 1C 5M + NB-IoT(SA) 1C Conti – Low Channel)



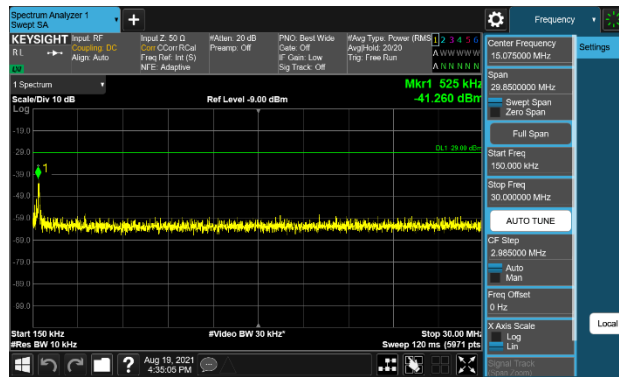
Plot 7-268. Conducted Spurious Emission Plot (30MHz to 720MHz)
(B85 NB-IoT(SA) 1C + LTE 1C 5M + NB-IoT(SA) 1C Conti – Low Channel)



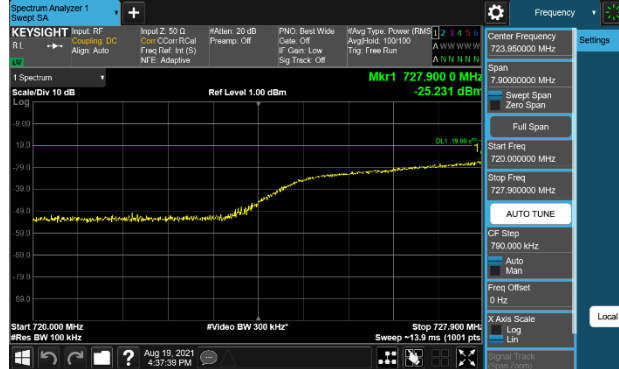
Plot 7-270. Conducted Spurious Emission Plot (746.1MHz to 750MHz)
(B85 NB-IoT(SA) 1C + LTE 1C 5M + NB-IoT(SA) 1C Conti – Low Channel)



Plot 7-272. Conducted Spurious Emission Plot (1GHz to 8GHz)
(B85 NB-IoT(SA) 1C + LTE 1C 5M + NB-IoT(SA) 1C Conti – Low Channel)



Plot 7-267. Conducted Spurious Emission Plot (150kHz to 300kHz)
(B85 NB-IoT(SA) 1C + LTE 1C 5M + NB-IoT(SA) 1C Conti – Low Channel)

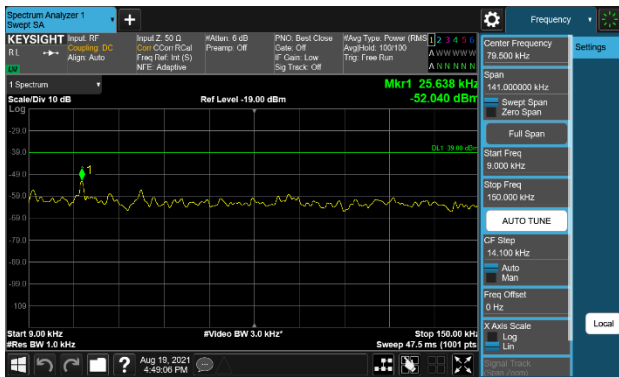


Plot 7-269. Conducted Spurious Emission Plot (720MHz to 727.9MHz)
(B85 NB-IoT(SA) 1C + LTE 1C 5M + NB-IoT(SA) 1C Conti – Low Channel)

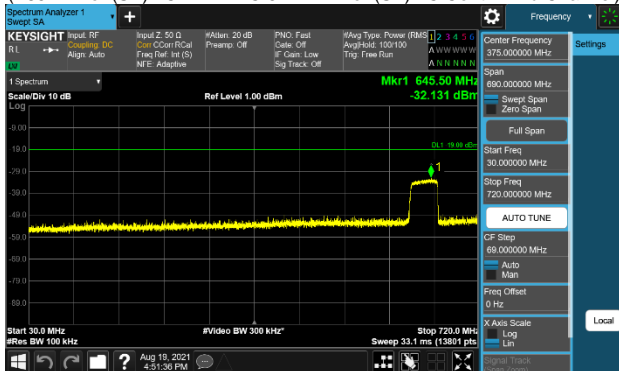


Plot 7-271. Conducted Spurious Emission Plot (750MHz to 1GHz)
(B85 NB-IoT(SA) 1C + LTE 1C 5M + NB-IoT(SA) 1C Conti – Low Channel)

| | | | | |
|------------------------------------|--|---------------------------------------|--|-----------------------------------|
| FCC ID: A3LRF4435D-71A | | MEASUREMENT REPORT (CERTIFICATION) | | Approved by: Technical Manager |
| Test Report S/N: 8K21061101.A3L | Test Dates: 08/04/2021 - 08/24/2021 | EUT Type: RRU (RF4435d) | | Page 133 of 166 |



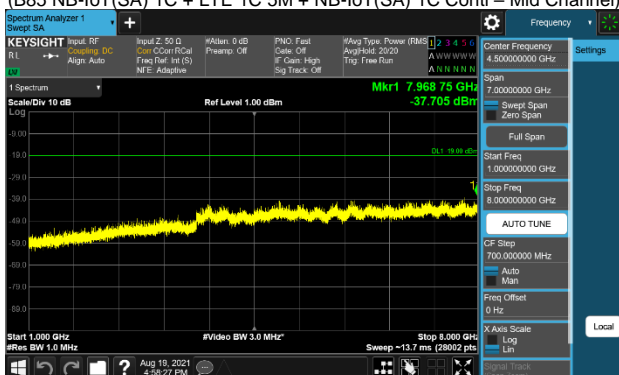
Plot 7-273. Conducted Spurious Emission Plot (9kHz to 150kHz)
(B85 NB-IoT(SA) 1C + LTE 1C 5M + NB-IoT(SA) 1C Conti - Mid Channel)



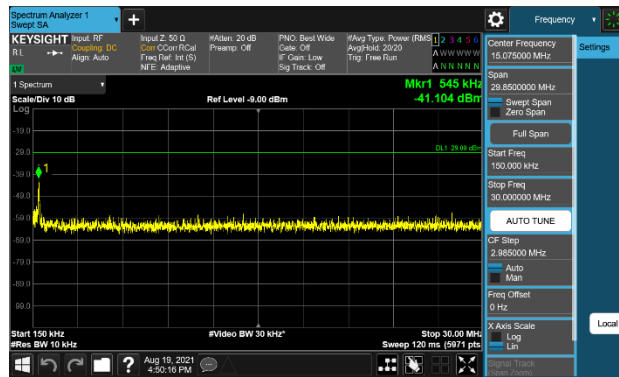
Plot 7-275. Conducted Spurious Emission Plot (30MHz to 720MHz)
(B85 NB-IoT(SA) 1C + LTE 1C 5M + NB-IoT(SA) 1C Conti - Mid Channel)



Plot 7-277. Conducted Spurious Emission Plot (746.1MHz to 750MHz)
(B85 NB-IoT(SA) 1C + LTE 1C 5M + NB-IoT(SA) 1C Conti - Mid Channel)



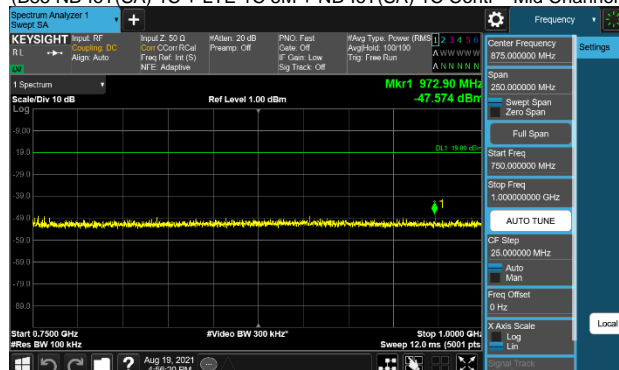
Plot 7-279. Conducted Spurious Emission Plot (1GHz to 8GHz)
(B85 NB-IoT(SA) 1C + LTE 1C 5M + NB-IoT(SA) 1C Conti - Mid Channel)



Plot 7-274. Conducted Spurious Emission Plot (150kHz to 30MHz)
(B85 NB-IoT(SA) 1C + LTE 1C 5M + NB-IoT(SA) 1C Conti - Mid Channel)

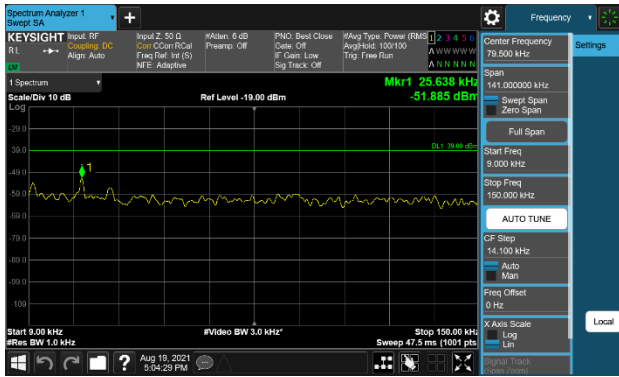


Plot 7-276. Conducted Spurious Emission Plot (720MHz to 727.9MHz)
(B85 NB-IoT(SA) 1C + LTE 1C 5M + NB-IoT(SA) 1C Conti - Mid Channel)

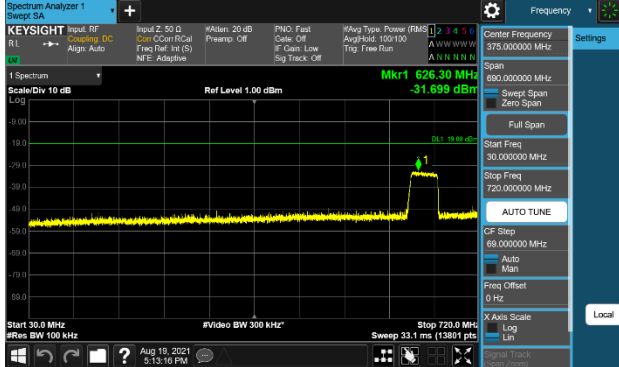


Plot 7-278. Conducted Spurious Emission Plot (750MHz to 1GHz)
(B85 NB-IoT(SA) 1C + LTE 1C 5M + NB-IoT(SA) 1C Conti - Mid Channel)

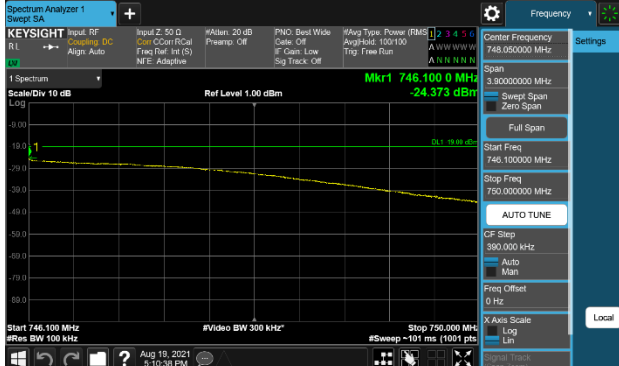
| | | | | |
|------------------------------------|--|---------------------------------------|--|-----------------------------------|
| FCC ID: A3LRF4435D-71A | PCTEST ENGINEERING LABORATORY, INC. | MEASUREMENT REPORT (CERTIFICATION) | | Approved by: Technical Manager |
| Test Report S/N: 8K21061101.A3L | Test Dates: 08/04/2021 - 08/24/2021 | EUT Type: RRU (RF4435d) | | Page 134 of 166 |



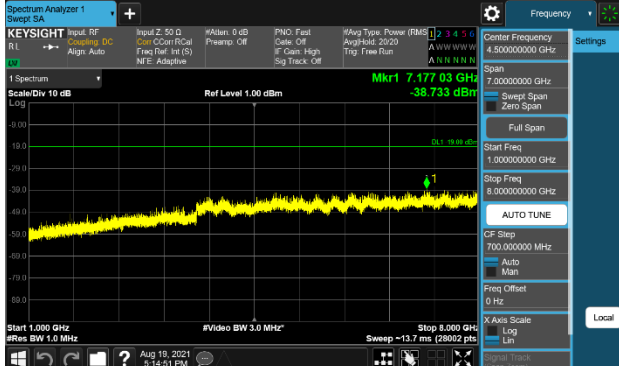
Plot 7-280. Conducted Spurious Emission Plot (9kHz to 150kHz)
(B85 NB-IoT(SA) 1C + LTE 1C 5M + NB-IoT(SA) 1C Conti – High Channel)



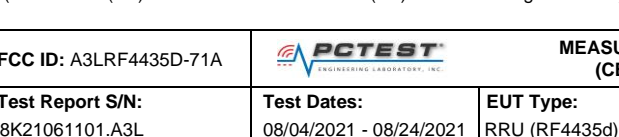
Plot 7-281. Conducted Spurious Emission Plot (150kHz to 30MHz)
(B85 NB-IoT(SA) 1C + LTE 1C 5M + NB-IoT(SA) 1C Conti – High Channel)



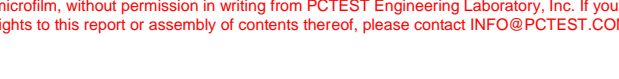
Plot 7-282. Conducted Spurious Emission Plot (30MHz to 720MHz)
(B85 NB-IoT(SA) 1C + LTE 1C 5M + NB-IoT(SA) 1C Conti – High Channel)



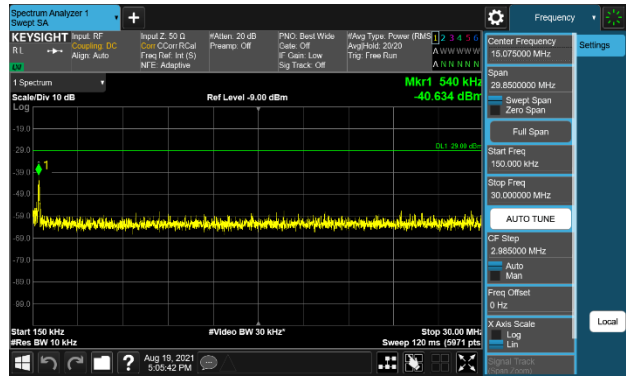
Plot 7-283. Conducted Spurious Emission Plot (720MHz to 727.9MHz)
(B85 NB-IoT(SA) 1C + LTE 1C 5M + NB-IoT(SA) 1C Conti – High Channel)



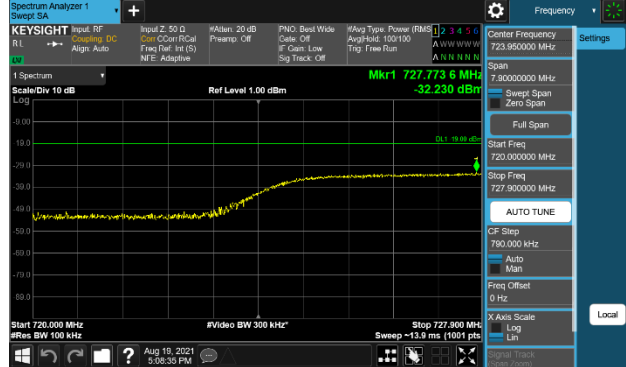
Plot 7-284. Conducted Spurious Emission Plot (746.1MHz to 750MHz)
(B85 NB-IoT(SA) 1C + LTE 1C 5M + NB-IoT(SA) 1C Conti – High Channel)



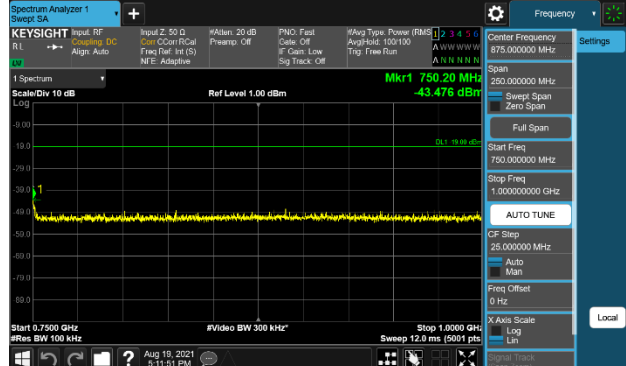
Plot 7-285. Conducted Spurious Emission Plot (750MHz to 1GHz)
(B85 NB-IoT(SA) 1C + LTE 1C 5M + NB-IoT(SA) 1C Conti – High Channel)



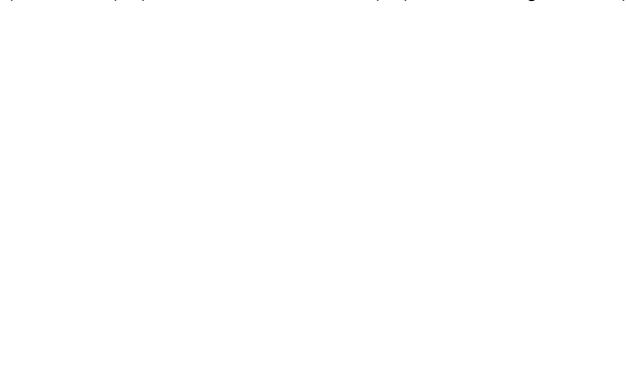
Plot 7-286. Conducted Spurious Emission Plot (750MHz to 1GHz)
(B85 NB-IoT(SA) 1C + LTE 1C 5M + NB-IoT(SA) 1C Conti – High Channel)



Plot 7-287. Conducted Spurious Emission Plot (720MHz to 727.9MHz)
(B85 NB-IoT(SA) 1C + LTE 1C 5M + NB-IoT(SA) 1C Conti – High Channel)



Plot 7-288. Conducted Spurious Emission Plot (746.1MHz to 750MHz)
(B85 NB-IoT(SA) 1C + LTE 1C 5M + NB-IoT(SA) 1C Conti – High Channel)



Plot 7-289. Conducted Spurious Emission Plot (750MHz to 1GHz)
(B85 NB-IoT(SA) 1C + LTE 1C 5M + NB-IoT(SA) 1C Conti – High Channel)




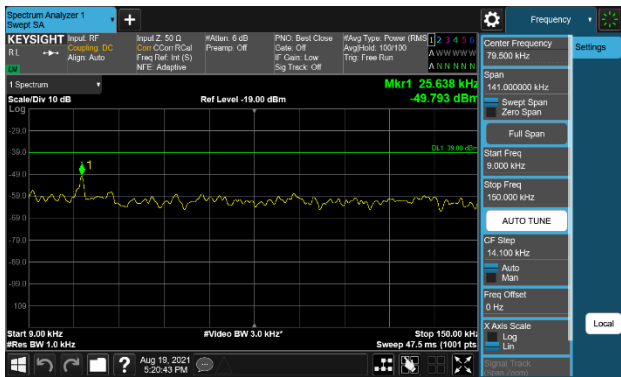
Plot 7-290. Conducted Spurious Emission Plot (1GHz to 8GHz)
(B85 NB-IoT(SA) 1C + LTE 1C 5M + NB-IoT(SA) 1C Conti – High Channel)

| | | | | |
|------------------------------------|--|---------------------------------------|--|-----------------------------------|
| FCC ID: A3LRF4435D-71A | | MEASUREMENT REPORT (CERTIFICATION) | | Approved by: Technical Manager |
| Test Report S/N: 8K21061101.A3L | Test Dates: 08/04/2021 - 08/24/2021 | EUT Type: RRU (RF4435d) | | Page 135 of 166 |

| Port # | Measurement Range | Level(dBm) | Limit (dBm) |
|--------|----------------------|------------|-------------|
| | | QPSK | |
| 0 | 9 kHz to 150 kHz | -49.79 | -39.0 |
| | 150 kHz to 30 MHz | -39.78 | -29.0 |
| | 30 MHz to 720 MHz | -32.43 | -19.0 |
| | 720 MHz to 727.9 MHz | -26.13 | -19.0 |
| | 746.1 MHz to 750 MHz | -27.85 | -19.0 |
| | 750 MHz to 1 GHz | -47.21 | -19.0 |
| | 1 GHz to 8 GHz | -37.44 | -19.0 |

**Table 7-54. Conducted Spurious Emission Summary Data
(B85 NB-IoT(SA) 1C + LTE 1C 5M + NB-IoT(SA) 1C Non-conti)**

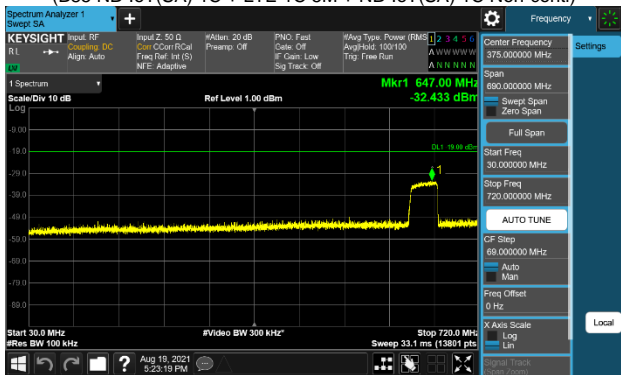
| | | | | |
|---|---|---|---|--|
| FCC ID: A3LRF4435D-71A |  | MEASUREMENT REPORT (CERTIFICATION) |  | Approved by: Technical Manager |
| Test Report S/N: 8K21061101.A3L | Test Dates: 08/04/2021 - 08/24/2021 | EUT Type: RRU (RF4435d) | Page 136 of 166 | |



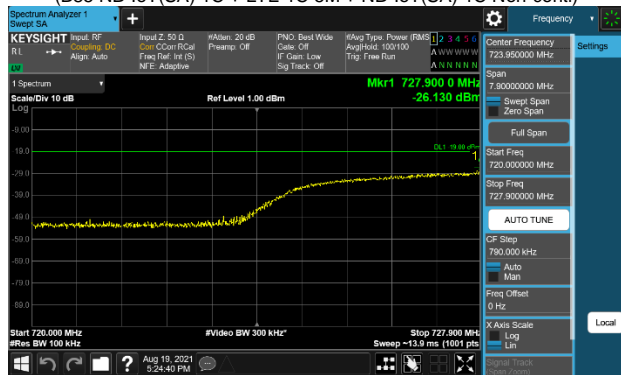
Plot 7-287. Conducted Spurious Emission Plot (9kHz to 150kHz)
(B85 NB-IoT(SA) 1C + LTE 1C 5M + NB-IoT(SA) 1C Non-conti)



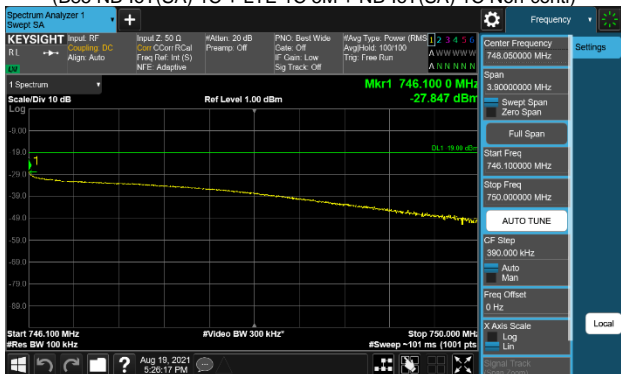
Plot 7-288. Conducted Spurious Emission Plot (150kHz to 30MHz)
(B85 NB-IoT(SA) 1C + LTE 1C 5M + NB-IoT(SA) 1C Non-conti)



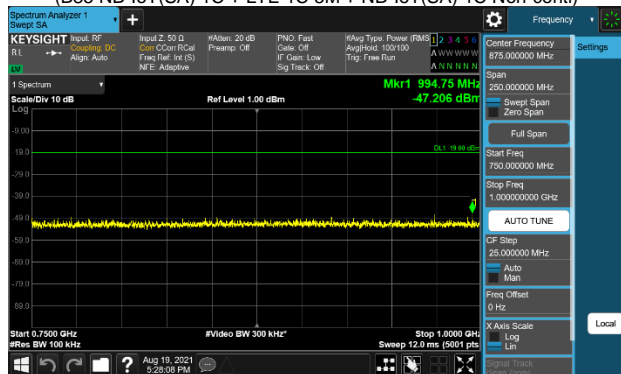
Plot 7-289. Conducted Spurious Emission Plot (30MHz to 720MHz)
(B85 NB-IoT(SA) 1C + LTE 1C 5M + NB-IoT(SA) 1C Non-conti)



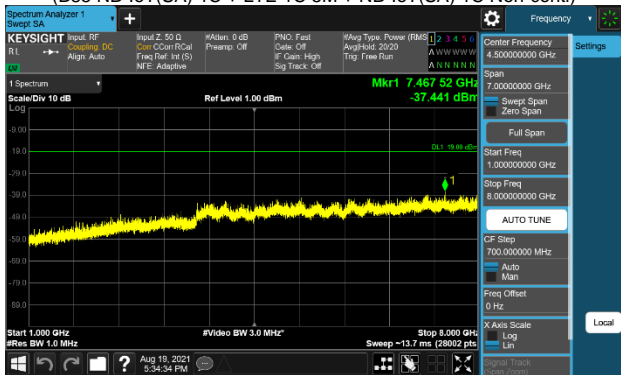
Plot 7-290. Conducted Spurious Emission Plot (720MHz to 727.9MHz)
(B85 NB-IoT(SA) 1C + LTE 1C 5M + NB-IoT(SA) 1C Non-conti)



Plot 7-291. Conducted Spurious Emission Plot (746.1MHz to 750MHz)
(B85 NB-IoT(SA) 1C + LTE 1C 5M + NB-IoT(SA) 1C Non-conti)



Plot 7-292. Conducted Spurious Emission Plot (750MHz to 1GHz)
(B85 NB-IoT(SA) 1C + LTE 1C 5M + NB-IoT(SA) 1C Non-conti)





Plot 7-293. Conducted Spurious Emission Plot (1GHz to 8GHz)
(B85 NB-IoT(SA) 1C + LTE 1C 5M + NB-IoT(SA) 1C Non-conti)

| | | | | |
|------------------------------------|--|---------------------------------------|--|-----------------------------------|
| FCC ID: A3LRF4435D-71A | PCTEST ENGINEERING LABORATORY, INC. | MEASUREMENT REPORT (CERTIFICATION) | | Approved by: Technical Manager |
| Test Report S/N: 8K21061101.A3L | Test Dates: 08/04/2021 - 08/24/2021 | EUT Type: RRU (RF4435d) | | Page 137 of 166 |

| Port # | Measurement Range | Level (dBm) | Limit (dBm) |
|--------|------------------------|---------------|-------------|
| 0 | 9 kHz to 150 kHz | -51.81 | -39.0 |
| | 150 kHz to 30 MHz | -43.24 | -29.0 |
| | 30 MHz to 616.9 MHz | -25.32 | -19.0 |
| | 652.1 MHz to 727.9 MHz | -23.53 | -19.0 |
| | 746.1 MHz to 750 MHz | -24.49 | -19.0 |
| | 750 MHz to 1 GHz | -43.53 | -19.0 |
| | 1 GHz to 8 GHz | -36.75 | -19.0 |
| 1 | 9 kHz to 150 kHz | -52.23 | -39.0 |
| | 150 kHz to 30 MHz | -42.98 | -29.0 |
| | 30 MHz to 616.9 MHz | -25.54 | -19.0 |
| | 652.1 MHz to 727.9 MHz | -24.07 | -19.0 |
| | 746.1 MHz to 750 MHz | -23.49 | -19.0 |
| | 750 MHz to 1 GHz | -42.87 | -19.0 |
| | 1 GHz to 8 GHz | -39.63 | -19.0 |
| 2 | 9 kHz to 150 kHz | -51.31 | -39.0 |
| | 150 kHz to 30 MHz | -44.81 | -29.0 |
| | 30 MHz to 616.9 MHz | -24.09 | -19.0 |
| | 652.1 MHz to 727.9 MHz | -23.31 | -19.0 |
| | 746.1 MHz to 750 MHz | -23.22 | -19.0 |
| | 750 MHz to 1 GHz | -44.68 | -19.0 |
| | 1 GHz to 8 GHz | -38.33 | -19.0 |
| 3 | 9 kHz to 150 kHz | -52.70 | -39.0 |
| | 150 kHz to 30 MHz | -43.88 | -29.0 |
| | 30 MHz to 616.9 MHz | -25.79 | -19.0 |
| | 652.1 MHz to 727.9 MHz | -22.28 | -19.0 |
| | 746.1 MHz to 750 MHz | -21.53 | -19.0 |
| | 750 MHz to 1 GHz | -42.58 | -19.0 |
| | 1 GHz to 8 GHz | -37.89 | -19.0 |

**Table 7-55. Conducted Spurious Emission Summary Data
(Dual Band_71-85 B71 LTE 2C 10M+10M & B85 NB-IoT(SA) 1C + LTE 1C 5M + NB-IoT(SA) 1C)**

| | | | | |
|---|--|---|---|--|
| FCC ID: A3LRF4435D-71A |  <small>ENGINEERING LABORATORY, INC.</small> | MEASUREMENT REPORT (CERTIFICATION) |  | Approved by: Technical Manager |
| Test Report S/N: 8K21061101.A3L | Test Dates: 08/04/2021 - 08/24/2021 | EUT Type: RRU (RF4435d) | Page 138 of 166 | |