



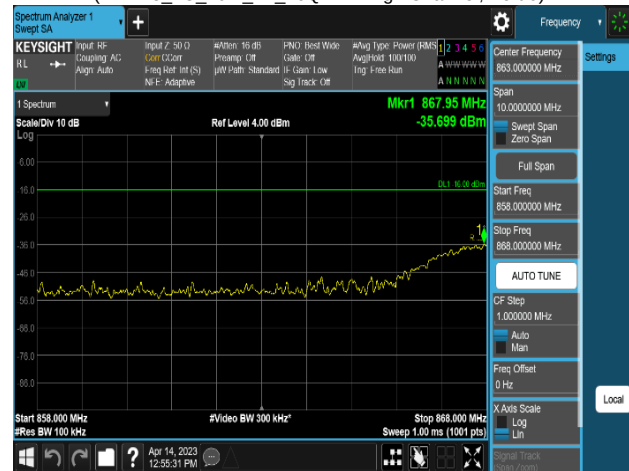
Plot 8-429. Conducted Spurious Emission Plot  
9 kHz to 150 kHz  
(LTE B5\_1C\_10M\_2T\_16QAM - High Channel, Port 0)



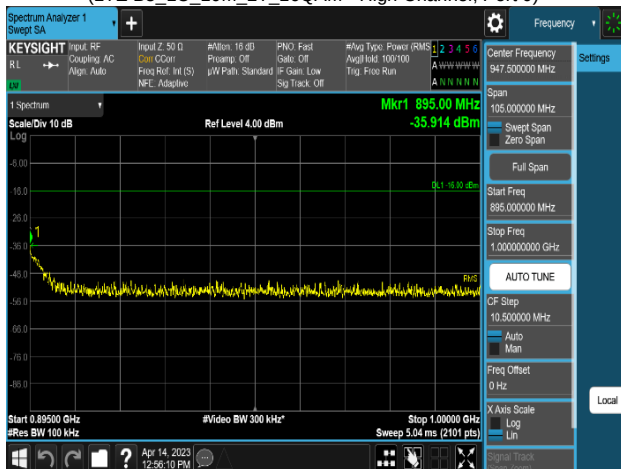
Plot 8-430. Conducted Spurious Emission Plot  
150 kHz to 30 MHz  
(LTE B5\_1C\_10M\_2T\_16QAM - High Channel, Port 0)



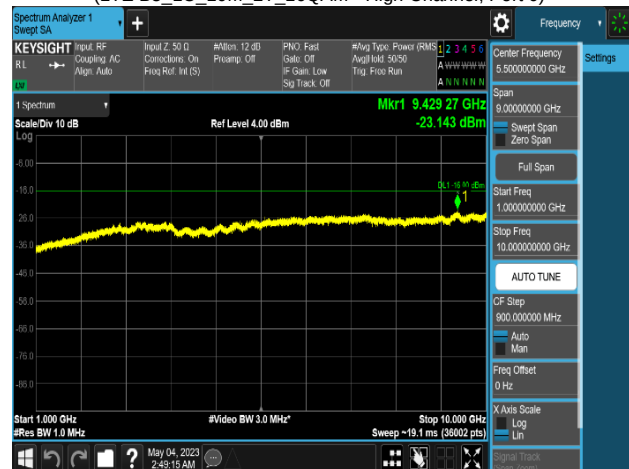
Plot 8-431. Conducted Spurious Emission Plot  
30 MHz to 858 MHz  
(LTE B5\_1C\_10M\_2T\_16QAM - High Channel, Port 0)



Plot 8-432. Conducted Spurious Emission Plot  
858 MHz to 868 MHz  
(LTE B5\_1C\_10M\_2T\_16QAM - High Channel, Port 0)

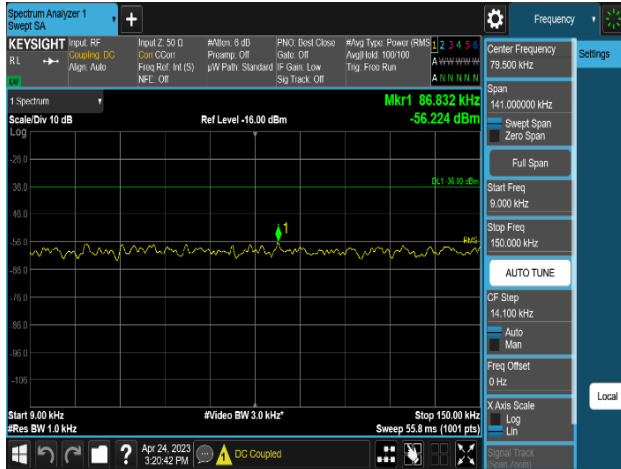


Plot 8-433. Conducted Spurious Emission Plot  
895 MHz to 1 GHz  
(LTE B5\_1C\_10M\_2T\_16QAM - High Channel, Port 0)



Plot 8-434. Conducted Spurious Emission Plot  
1 GHz to 10 GHz  
(LTE B5\_1C\_10M\_2T\_16QAM - High Channel, Port 0)

|                                          |                                        |                                       |  |                                   |
|------------------------------------------|----------------------------------------|---------------------------------------|--|-----------------------------------|
| FCC ID: A3LRF4461D-13A                   |                                        | MEASUREMENT REPORT<br>(CERTIFICATION) |  | Approved by:<br>Technical Manager |
| Test Report S/N:<br>8K23040701-00-R2.A3L | Test Dates:<br>04/12/2023 - 05/26/2023 | EUT Type:<br>RRU(RF4461d)             |  | Page 293 of 394                   |



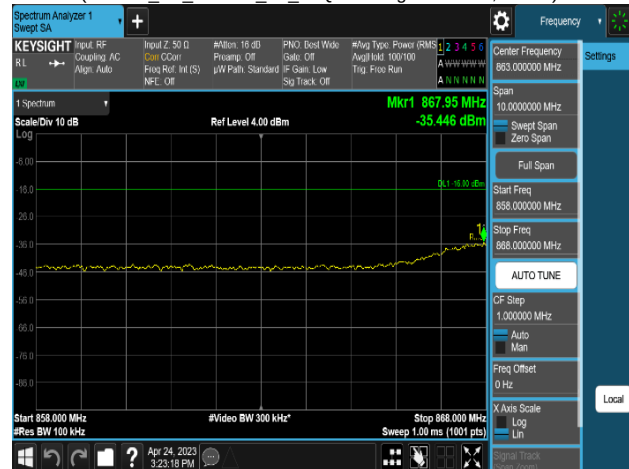
Plot 8-435. Conducted Spurious Emission Plot  
9 kHz to 150 kHz  
(LTE B5\_2C\_5M+5M\_2T\_16QAM - High Channel, Port 0)



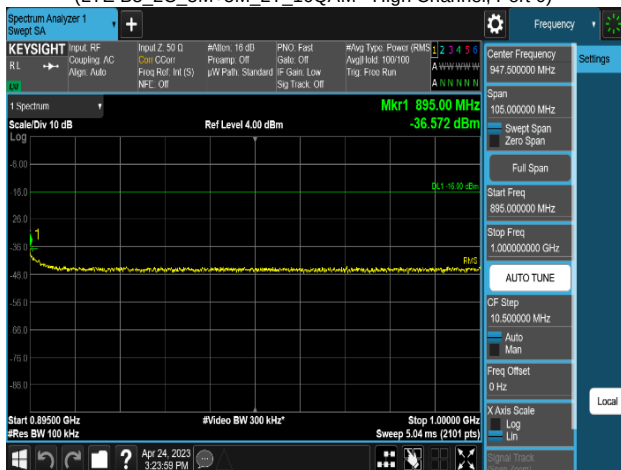
Plot 8-436. Conducted Spurious Emission Plot  
150 kHz to 30 MHz  
(LTE B5\_2C\_5M+5M\_2T\_16QAM - High Channel, Port 0)



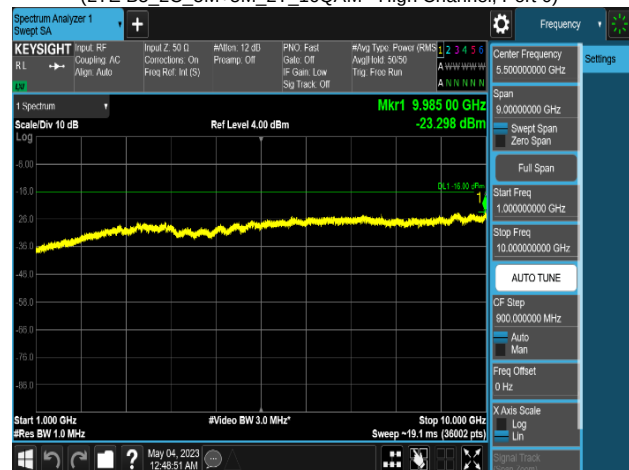
Plot 8-437. Conducted Spurious Emission Plot  
30 MHz to 858 MHz  
(LTE B5\_2C\_5M+5M\_2T\_16QAM - High Channel, Port 0)



Plot 8-438. Conducted Spurious Emission Plot  
858 MHz to 868 MHz  
(LTE B5\_2C\_5M+5M\_2T\_16QAM - High Channel, Port 0)



Plot 8-439. Conducted Spurious Emission Plot  
895 MHz to 1 GHz  
(LTE B5\_2C\_5M+5M\_2T\_16QAM - High Channel, Port 0)

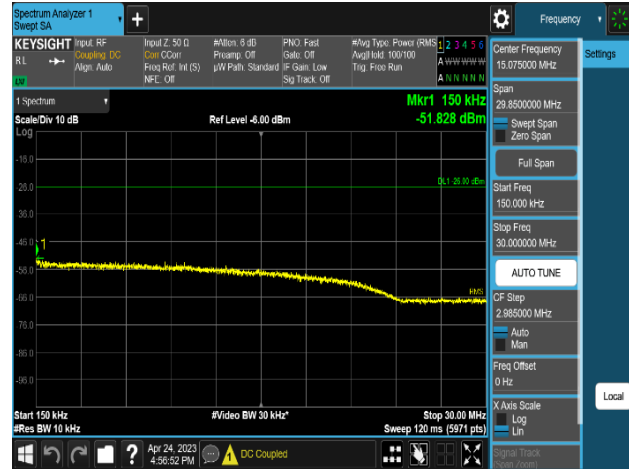


Plot 8-440. Conducted Spurious Emission Plot  
1 GHz to 10 GHz  
(LTE B5\_2C\_5M+5M\_2T\_16QAM - High Channel, Port 0)

|                                          |                                        |                                       |  |                                   |
|------------------------------------------|----------------------------------------|---------------------------------------|--|-----------------------------------|
| FCC ID: A3LRF4461D-13A                   |                                        | MEASUREMENT REPORT<br>(CERTIFICATION) |  | Approved by:<br>Technical Manager |
| Test Report S/N:<br>8K23040701-00-R2.A3L | Test Dates:<br>04/12/2023 - 05/26/2023 | EUT Type:<br>RRU(RF4461d)             |  | Page 294 of 394                   |



Plot 8-441. Conducted Spurious Emission Plot  
9 kHz to 150 kHz  
(LTE B5\_3C\_5M+10M+10M\_2T\_16QAM - Middle Channel, Port 0)



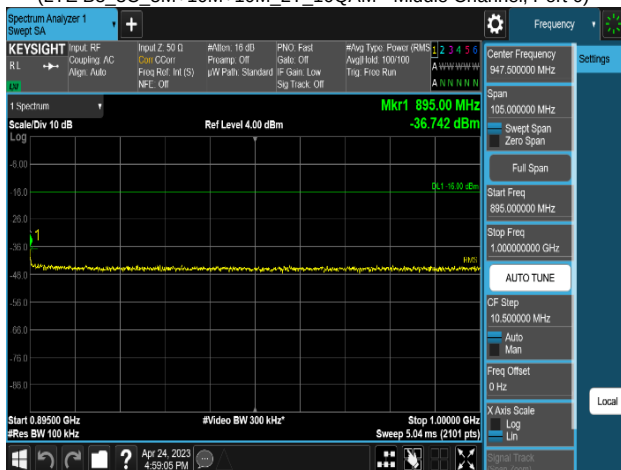
Plot 8-442. Conducted Spurious Emission Plot  
150 kHz to 30 MHz  
(LTE B5\_3C\_5M+10M+10M\_2T\_16QAM - Middle Channel, Port 0)



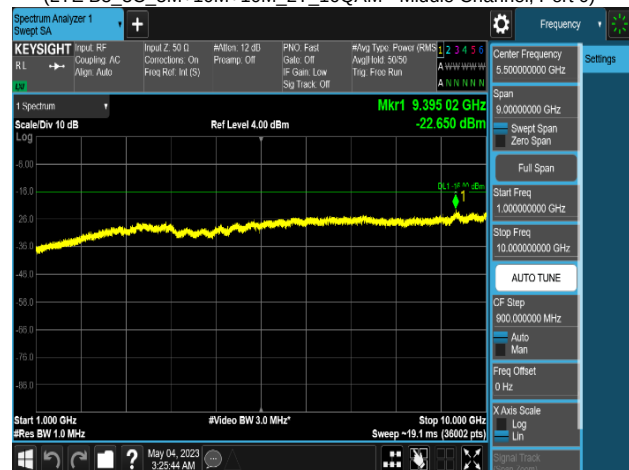
Plot 8-443. Conducted Spurious Emission Plot  
30 MHz to 858 MHz  
(LTE B5\_3C\_5M+10M+10M\_2T\_16QAM - Middle Channel, Port 0)



Plot 8-444. Conducted Spurious Emission Plot  
858 MHz to 868 MHz  
(LTE B5\_3C\_5M+10M+10M\_2T\_16QAM - Middle Channel, Port 0)

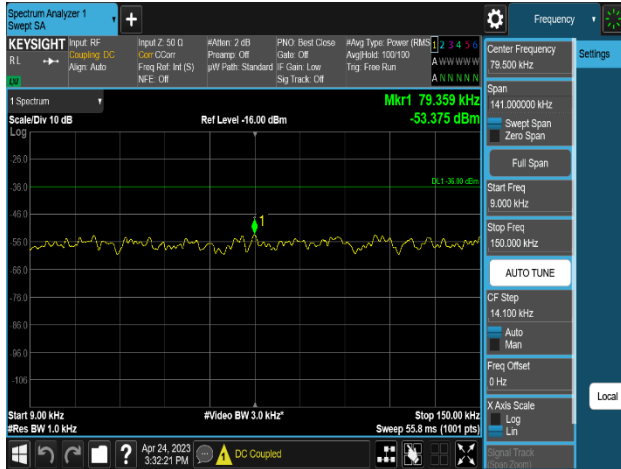


Plot 8-445. Conducted Spurious Emission Plot  
895 MHz to 1 GHz  
(LTE B5\_3C\_5M+10M+10M\_2T\_16QAM - Middle Channel, Port 0)

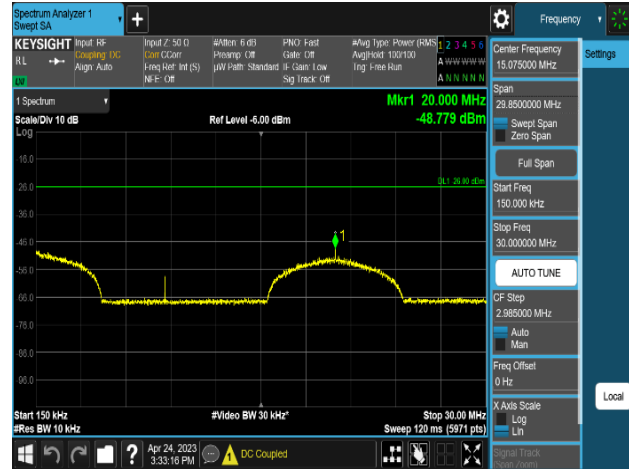


Plot 8-446. Conducted Spurious Emission Plot  
1 GHz to 10 GHz  
(LTE B5\_3C\_5M+10M+10M\_2T\_16QAM - Middle Channel, Port 0)

|                                          |                                        |                                       |  |                                   |
|------------------------------------------|----------------------------------------|---------------------------------------|--|-----------------------------------|
| FCC ID: A3LRF4461D-13A                   |                                        | MEASUREMENT REPORT<br>(CERTIFICATION) |  | Approved by:<br>Technical Manager |
| Test Report S/N:<br>8K23040701-00-R2.A3L | Test Dates:<br>04/12/2023 - 05/26/2023 | EUT Type:<br>RRU(RF4461d)             |  | Page 295 of 394                   |



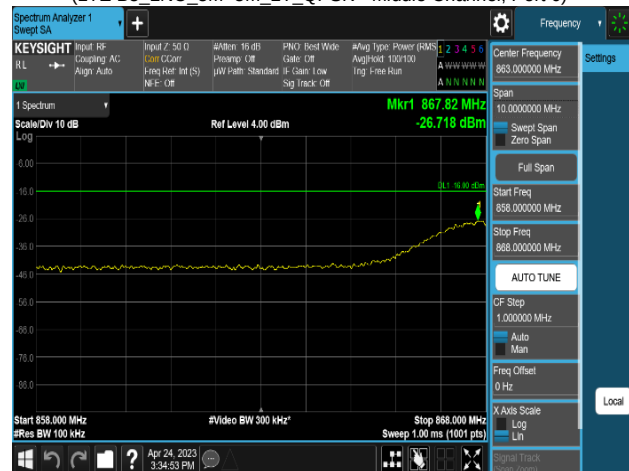
Plot 8-447. Conducted Spurious Emission Plot  
9 kHz to 150 kHz



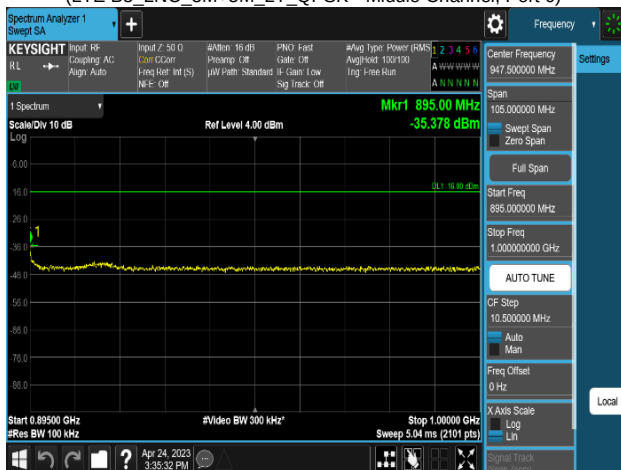
Plot 8-448. Conducted Spurious Emission Plot  
150 kHz to 30 MHz



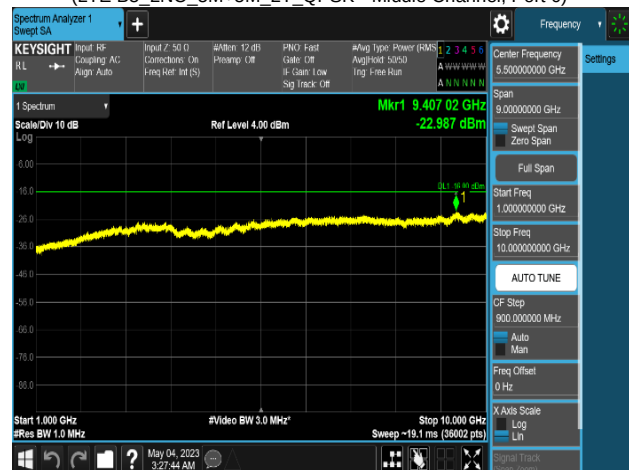
Plot 8-449. Conducted Spurious Emission Plot  
30 MHz to 858 MHz



Plot 8-450. Conducted Spurious Emission Plot  
858 MHz to 868 MHz



Plot 8-451. Conducted Spurious Emission Plot  
895 MHz to 1 GHz

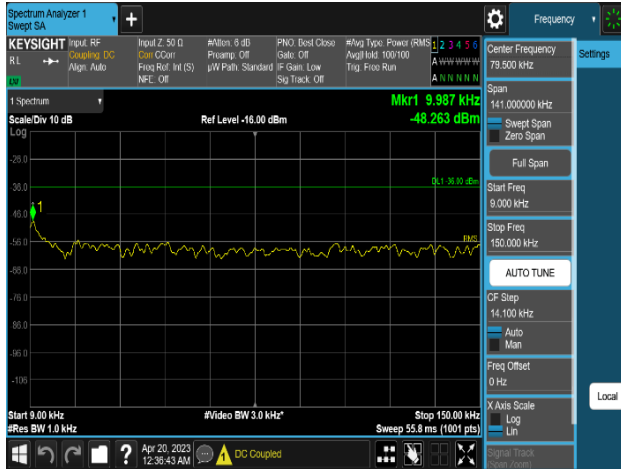


Plot 8-452. Conducted Spurious Emission Plot  
1 GHz to 10 GHz

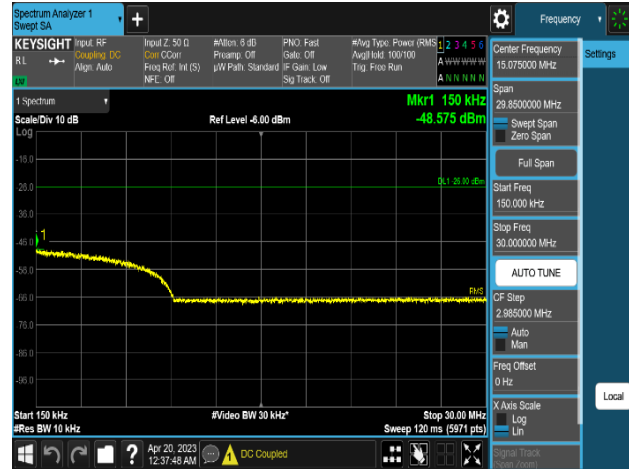
(LTE B5\_2NC\_5M+5M\_2T\_QPSK - Middle Channel, Port 0)

(LTE B5\_2NC\_5M+5M\_2T\_QPSK - Middle Channel, Port 0)

|                                          |                                        |                                       |  |                                   |
|------------------------------------------|----------------------------------------|---------------------------------------|--|-----------------------------------|
| FCC ID: A3LRF4461D-13A                   |                                        | MEASUREMENT REPORT<br>(CERTIFICATION) |  | Approved by:<br>Technical Manager |
| Test Report S/N:<br>8K23040701-00-R2.A3L | Test Dates:<br>04/12/2023 - 05/26/2023 | EUT Type:<br>RRU(RF4461d)             |  | Page 296 of 394                   |



Plot 8-453. Conducted Spurious Emission Plot  
9 kHz to 150 kHz  
(DSS B(n)5\_1C\_10M(5:5 Ratio)\_2T\_256QAM - Low Channel, Port 1)



Plot 8-454. Conducted Spurious Emission Plot  
150 kHz to 30 MHz  
(DSS B(n)5\_1C\_10M(5:5 Ratio)\_2T\_256QAM - Low Channel, Port 1)



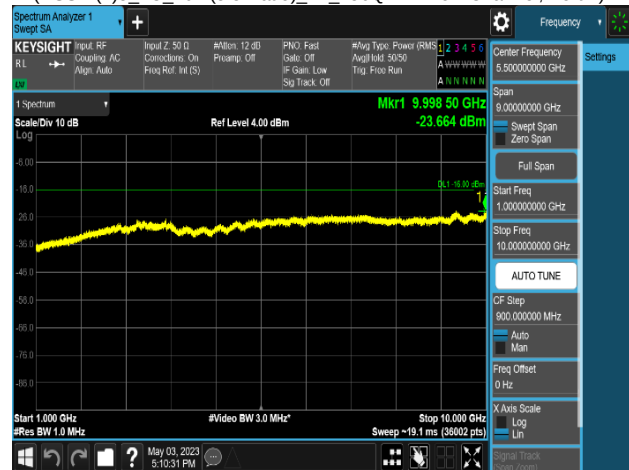
Plot 8-455. Conducted Spurious Emission Plot  
30 MHz to 858 MHz  
(DSS B(n)5\_1C\_10M(5:5 Ratio)\_2T\_256QAM - Low Channel, Port 1)



Plot 8-456. Conducted Spurious Emission Plot  
858 MHz to 868 MHz  
(DSS B(n)5\_1C\_10M(5:5 Ratio)\_2T\_256QAM - Low Channel, Port 1)

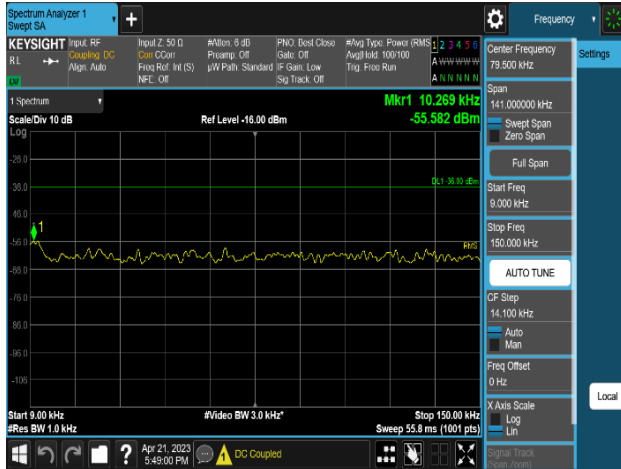


Plot 8-457. Conducted Spurious Emission Plot  
895 MHz to 1 GHz  
(DSS B(n)5\_1C\_10M(5:5 Ratio)\_2T\_256QAM - Low Channel, Port 1)



Plot 8-458. Conducted Spurious Emission Plot  
1 GHz to 10 GHz  
(DSS B(n)5\_1C\_10M(5:5 Ratio)\_2T\_256QAM - Low Channel, Port 1)

|                                          |                                        |                                       |  |                                   |
|------------------------------------------|----------------------------------------|---------------------------------------|--|-----------------------------------|
| FCC ID: A3LRF4461D-13A                   |                                        | MEASUREMENT REPORT<br>(CERTIFICATION) |  | Approved by:<br>Technical Manager |
| Test Report S/N:<br>8K23040701-00-R2.A3L | Test Dates:<br>04/12/2023 - 05/26/2023 | EUT Type:<br>RRU(RF4461d)             |  | Page 297 of 394                   |



Plot 8-459. Conducted Spurious Emission Plot  
9 kHz to 150 kHz



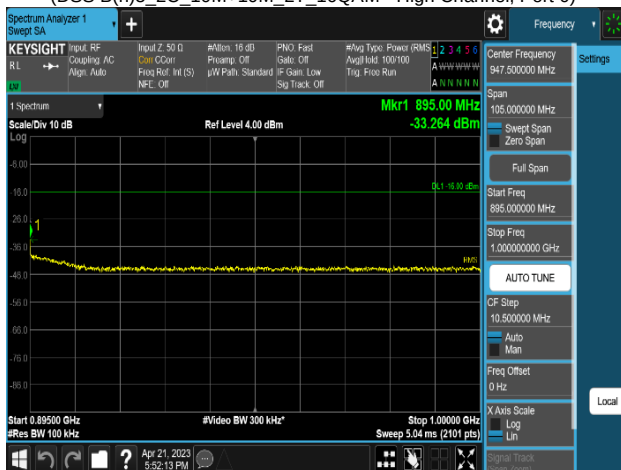
Plot 8-460. Conducted Spurious Emission Plot  
150 kHz to 30 MHz



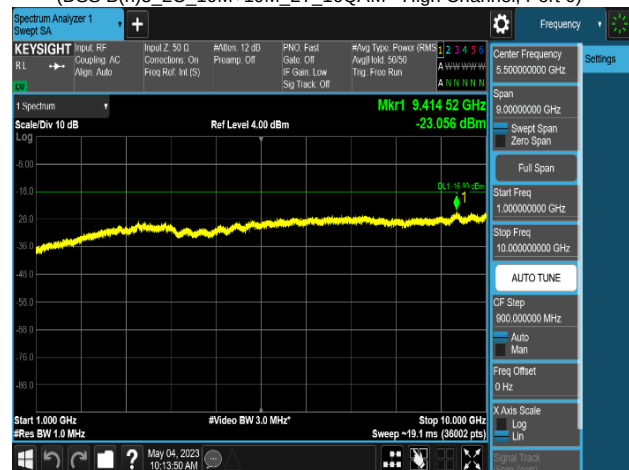
Plot 8-461. Conducted Spurious Emission Plot  
30 MHz to 858 MHz



Plot 8-462. Conducted Spurious Emission Plot  
858 MHz to 868 MHz



Plot 8-463. Conducted Spurious Emission Plot  
895 MHz to 1 GHz



Plot 8-464. Conducted Spurious Emission Plot  
1 GHz to 10 GHz

(DSS B(n)5\_2C\_10M+10M\_2T\_16QAM - High Channel, Port 0)

(DSS B(n)5\_2C\_10M+10M\_2T\_16QAM - High Channel, Port 0)

|                                          |                                        |                                       |  |                                   |
|------------------------------------------|----------------------------------------|---------------------------------------|--|-----------------------------------|
| FCC ID: A3LRF4461D-13A                   |                                        | MEASUREMENT REPORT<br>(CERTIFICATION) |  | Approved by:<br>Technical Manager |
| Test Report S/N:<br>8K23040701-00-R2.A3L | Test Dates:<br>04/12/2023 - 05/26/2023 | EUT Type:<br>RRU(RF4461d)             |  | Page 298 of 394                   |



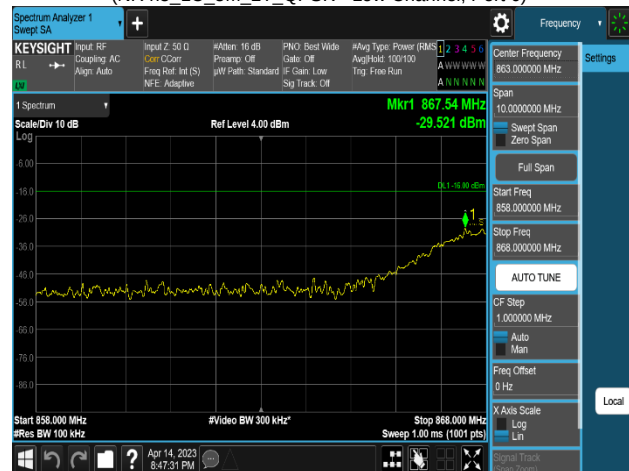
Plot 8-465. Conducted Spurious Emission Plot  
9 kHz to 150 kHz  
(NR n5\_1C\_5M\_2T\_QPSK - Low Channel, Port 0)



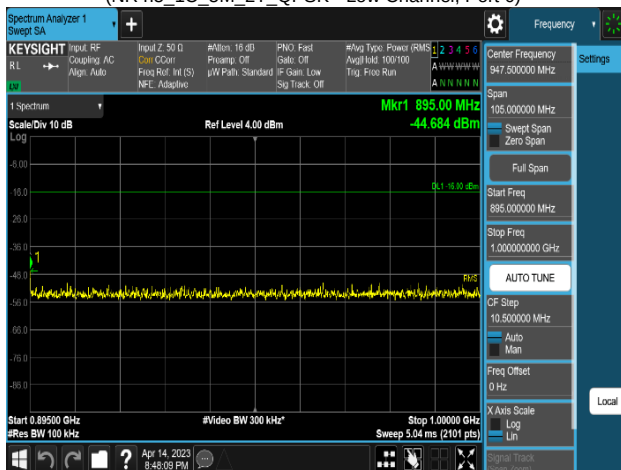
Plot 8-466. Conducted Spurious Emission Plot  
150 kHz to 30 MHz  
(NR n5\_1C\_5M\_2T\_QPSK - Low Channel, Port 0)



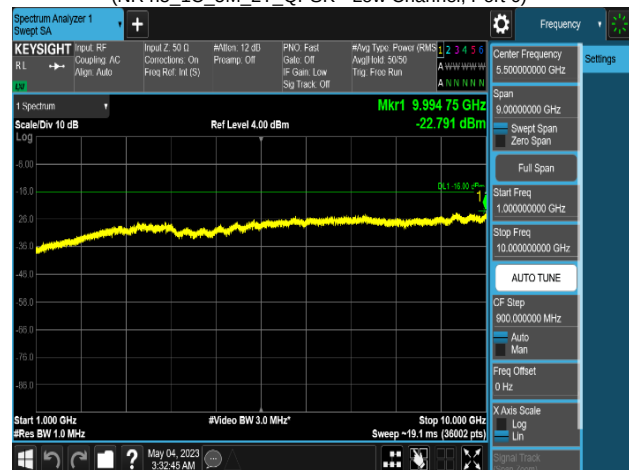
Plot 8-467. Conducted Spurious Emission Plot  
30 MHz to 858 MHz  
(NR n5\_1C\_5M\_2T\_QPSK - Low Channel, Port 0)



Plot 8-468. Conducted Spurious Emission Plot  
858 MHz to 868 MHz  
(NR n5\_1C\_5M\_2T\_QPSK - Low Channel, Port 0)

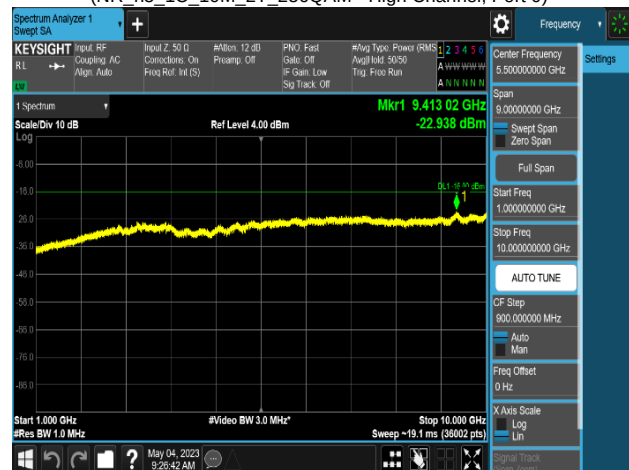
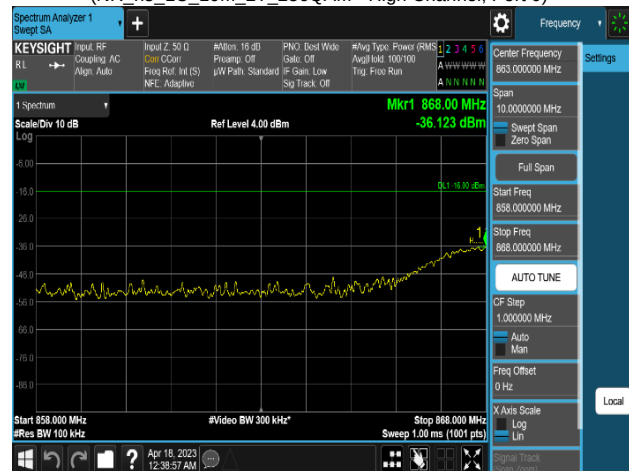


Plot 8-469. Conducted Spurious Emission Plot  
895 MHz to 1 GHz  
(NR n5\_1C\_5M\_2T\_QPSK - Low Channel, Port 0)



Plot 8-470. Conducted Spurious Emission Plot  
1 GHz to 10 GHz  
(NR n5\_1C\_5M\_2T\_QPSK - Low Channel, Port 0)

|                                          |                                        |                                       |  |                                   |
|------------------------------------------|----------------------------------------|---------------------------------------|--|-----------------------------------|
| FCC ID: A3LRF4461D-13A                   |                                        | MEASUREMENT REPORT<br>(CERTIFICATION) |  | Approved by:<br>Technical Manager |
| Test Report S/N:<br>8K23040701-00-R2.A3L | Test Dates:<br>04/12/2023 - 05/26/2023 | EUT Type:<br>RRU(RF4461d)             |  | Page 299 of 394                   |



|                                          |                                        |                                       |  |                                   |
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| FCC ID: A3LRF4461D-13A                   |                                        | MEASUREMENT REPORT<br>(CERTIFICATION) |  | Approved by:<br>Technical Manager |
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Plot 8-477. Conducted Spurious Emission Plot  
9 kHz to 150 kHz  
(NR n5\_1C\_15M\_2T\_64QAM - Low Channel, Port 0)



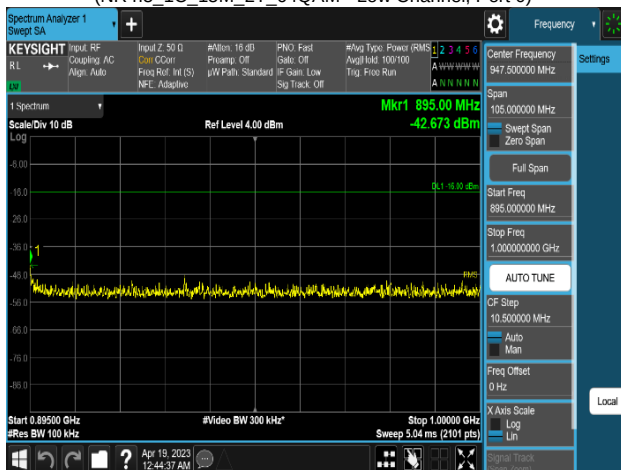
Plot 8-478. Conducted Spurious Emission Plot  
150 kHz to 30 MHz  
(NR n5\_1C\_15M\_2T\_64QAM - Low Channel, Port 0)



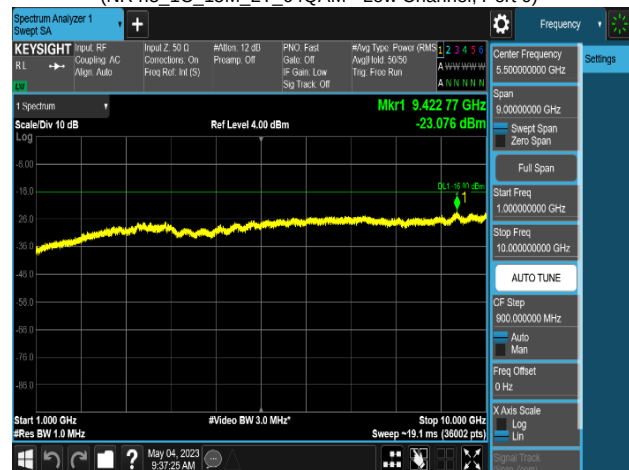
Plot 8-479. Conducted Spurious Emission Plot  
30 MHz to 858 MHz  
(NR n5\_1C\_15M\_2T\_64QAM - Low Channel, Port 0)



Plot 8-480. Conducted Spurious Emission Plot  
858 MHz to 868 MHz  
(NR n5\_1C\_15M\_2T\_64QAM - Low Channel, Port 0)



Plot 8-481. Conducted Spurious Emission Plot  
895 MHz to 1 GHz  
(NR n5\_1C\_15M\_2T\_64QAM - Low Channel, Port 0)



Plot 8-482. Conducted Spurious Emission Plot  
1 GHz to 10 GHz  
(NR n5\_1C\_15M\_2T\_64QAM - Low Channel, Port 0)

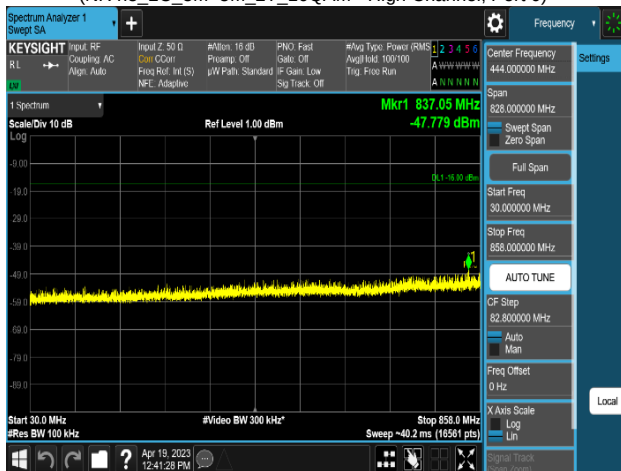
|                                          |                                        |                                       |  |                                   |
|------------------------------------------|----------------------------------------|---------------------------------------|--|-----------------------------------|
| FCC ID: A3LRF4461D-13A                   |                                        | MEASUREMENT REPORT<br>(CERTIFICATION) |  | Approved by:<br>Technical Manager |
| Test Report S/N:<br>8K23040701-00-R2.A3L | Test Dates:<br>04/12/2023 - 05/26/2023 | EUT Type:<br>RRU(RF4461d)             |  | Page 301 of 394                   |



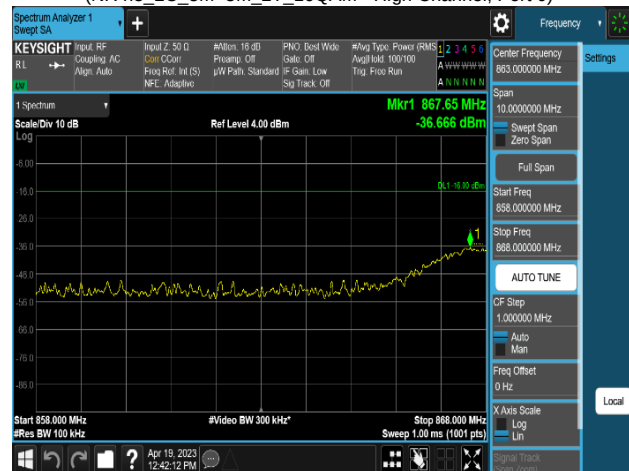
Plot 8-483. Conducted Spurious Emission Plot  
9 kHz to 150 kHz  
(NR n5\_2C\_5M+5M\_2T\_16QAM - High Channel, Port 0)



Plot 8-484. Conducted Spurious Emission Plot  
150 kHz to 30 MHz  
(NR n5\_2C\_5M+5M\_2T\_16QAM - High Channel, Port 0)



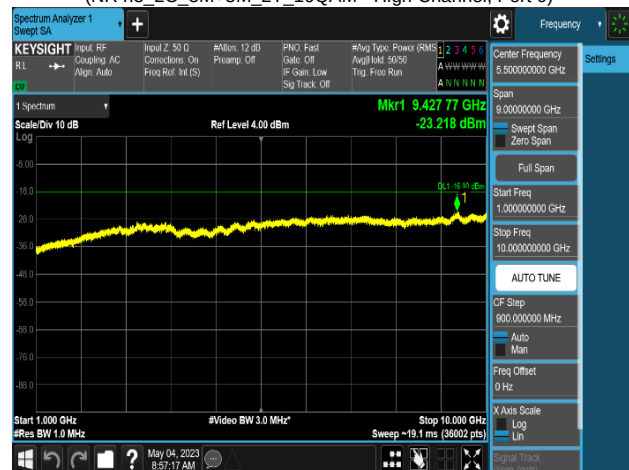
Plot 8-485. Conducted Spurious Emission Plot  
30 MHz to 858 MHz  
(NR n5\_2C\_5M+5M\_2T\_16QAM - High Channel, Port 0)



Plot 8-486. Conducted Spurious Emission Plot  
858 MHz to 868 MHz  
(NR n5\_2C\_5M+5M\_2T\_16QAM - High Channel, Port 0)

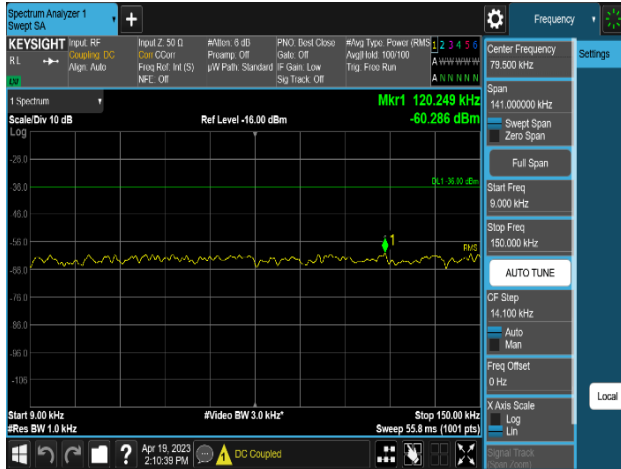


Plot 8-487. Conducted Spurious Emission Plot  
895 MHz to 1 GHz  
(NR n5\_2C\_5M+5M\_2T\_16QAM - High Channel, Port 0)

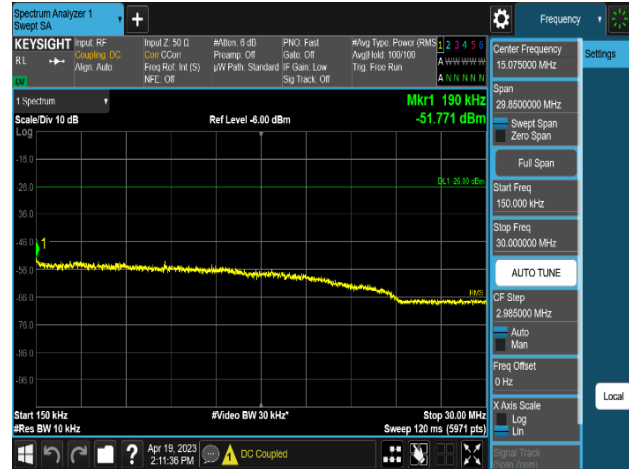


Plot 8-488. Conducted Spurious Emission Plot  
1 GHz to 10 GHz  
(NR n5\_2C\_5M+5M\_2T\_16QAM - High Channel, Port 0)

|                                          |                                        |                                       |  |                                   |
|------------------------------------------|----------------------------------------|---------------------------------------|--|-----------------------------------|
| FCC ID: A3LRF4461D-13A                   |                                        | MEASUREMENT REPORT<br>(CERTIFICATION) |  | Approved by:<br>Technical Manager |
| Test Report S/N:<br>8K23040701-00-R2.A3L | Test Dates:<br>04/12/2023 - 05/26/2023 | EUT Type:<br>RRU(RF4461d)             |  | Page 302 of 394                   |



Plot 8-489. Conducted Spurious Emission Plot  
9 kHz to 150 kHz  
(NR n5\_2C\_10M+15M\_2T\_16QAM - Middle Channel, Port 0)



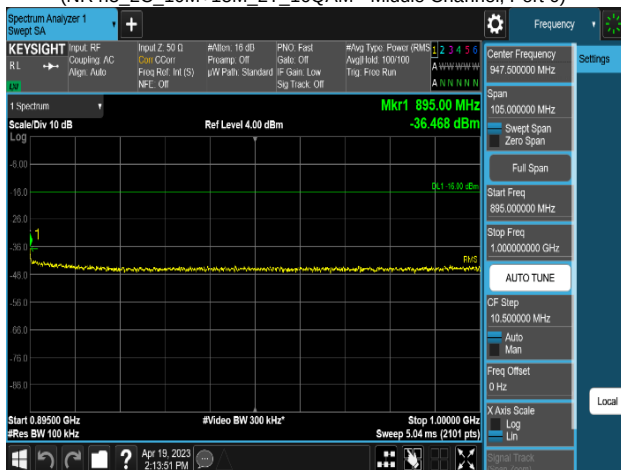
Plot 8-490. Conducted Spurious Emission Plot  
150 kHz to 30 MHz  
(NR n5\_2C\_10M+15M\_2T\_16QAM - Middle Channel, Port 0)



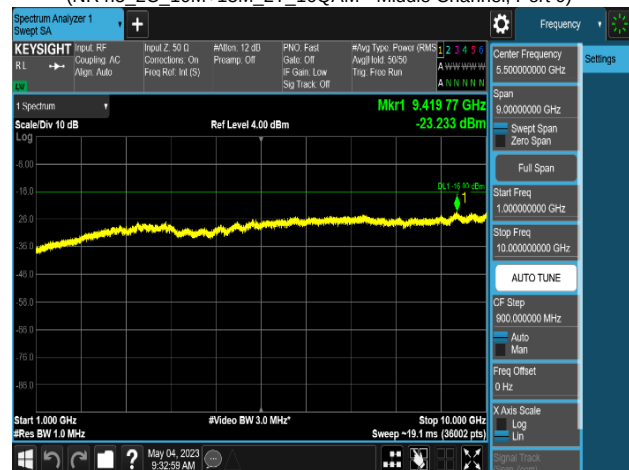
Plot 8-491. Conducted Spurious Emission Plot  
30 MHz to 858 MHz  
(NR n5\_2C\_10M+15M\_2T\_16QAM - Middle Channel, Port 0)



Plot 8-492. Conducted Spurious Emission Plot  
858 MHz to 868 MHz  
(NR n5\_2C\_10M+15M\_2T\_16QAM - Middle Channel, Port 0)

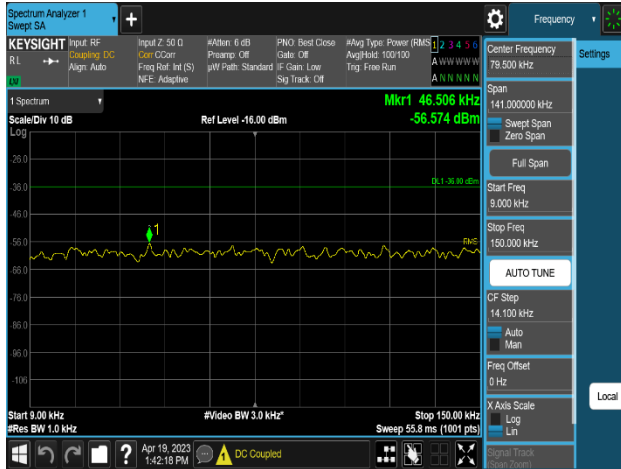


Plot 8-493. Conducted Spurious Emission Plot  
895 MHz to 1 GHz  
(NR n5\_2C\_10M+15M\_2T\_16QAM - Middle Channel, Port 0)



Plot 8-494. Conducted Spurious Emission Plot  
1 GHz to 10 GHz  
(NR n5\_2C\_10M+15M\_2T\_16QAM - Middle Channel, Port 0)

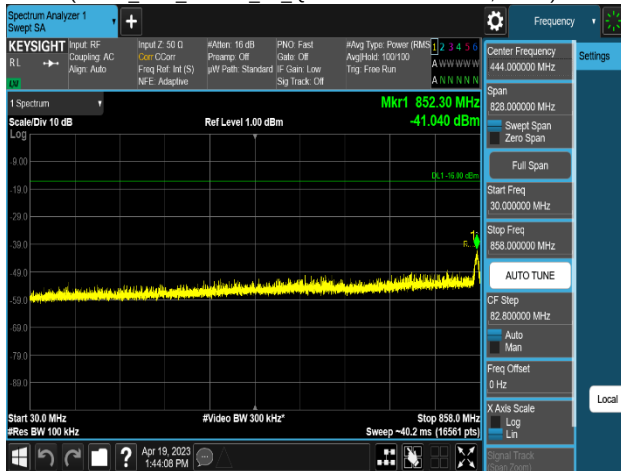
|                                          |                                        |                                       |  |                                   |
|------------------------------------------|----------------------------------------|---------------------------------------|--|-----------------------------------|
| FCC ID: A3LRF4461D-13A                   |                                        | MEASUREMENT REPORT<br>(CERTIFICATION) |  | Approved by:<br>Technical Manager |
| Test Report S/N:<br>8K23040701-00-R2.A3L | Test Dates:<br>04/12/2023 - 05/26/2023 | EUT Type:<br>RRU(RF4461d)             |  | Page 303 of 394                   |



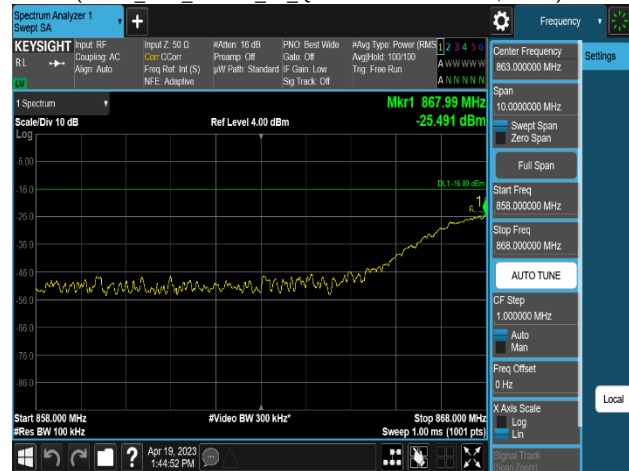
Plot 8-495. Conducted Spurious Emission Plot  
9 kHz to 150 kHz  
(NR n5\_2NC\_5M+5M\_2T\_QPSK - Middle Channel, Port 0)



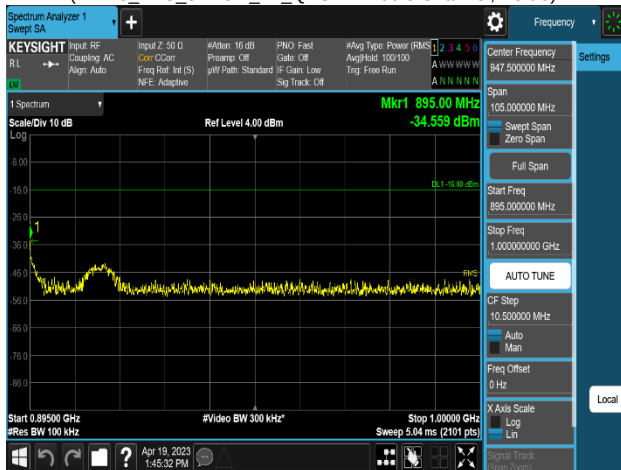
Plot 8-496. Conducted Spurious Emission Plot  
150 kHz to 30 MHz  
(NR n5\_2NC\_5M+5M\_2T\_QPSK - Middle Channel, Port 0)



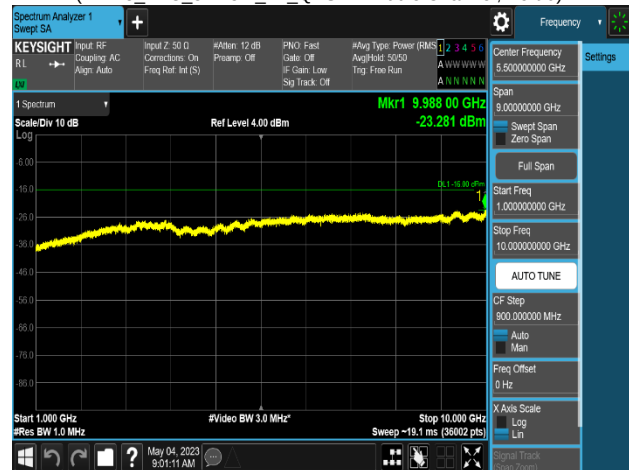
Plot 8-497. Conducted Spurious Emission Plot  
30 MHz to 858 MHz  
(NR n5\_2NC\_5M+5M\_2T\_QPSK - Middle Channel, Port 0)



Plot 8-498. Conducted Spurious Emission Plot  
858 MHz to 868 MHz  
(NR n5\_2NC\_5M+5M\_2T\_QPSK - Middle Channel, Port 0)



Plot 8-499. Conducted Spurious Emission Plot  
895 MHz to 1 GHz  
(NR n5\_2NC\_5M+5M\_2T\_QPSK - Middle Channel, Port 0)



Plot 8-500. Conducted Spurious Emission Plot  
1 GHz to 10 GHz  
(NR n5\_2NC\_5M+5M\_2T\_QPSK - Middle Channel, Port 0)

|                                          |                                        |                                       |  |                                   |
|------------------------------------------|----------------------------------------|---------------------------------------|--|-----------------------------------|
| FCC ID: A3LRF4461D-13A                   |                                        | MEASUREMENT REPORT<br>(CERTIFICATION) |  | Approved by:<br>Technical Manager |
| Test Report S/N:<br>8K23040701-00-R2.A3L | Test Dates:<br>04/12/2023 - 05/26/2023 | EUT Type:<br>RRU(RF4461d)             |  | Page 304 of 394                   |



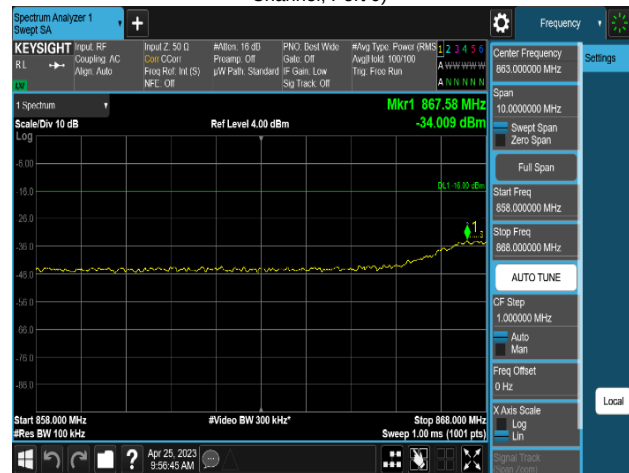
Plot 8-501. Conducted Spurious Emission Plot  
9 kHz to 150 kHz  
(MSR 2C\_DSS B(n)5\_1C\_10M+LTE B5\_1C\_5M\_2T\_QPSK - High Channel, Port 0)



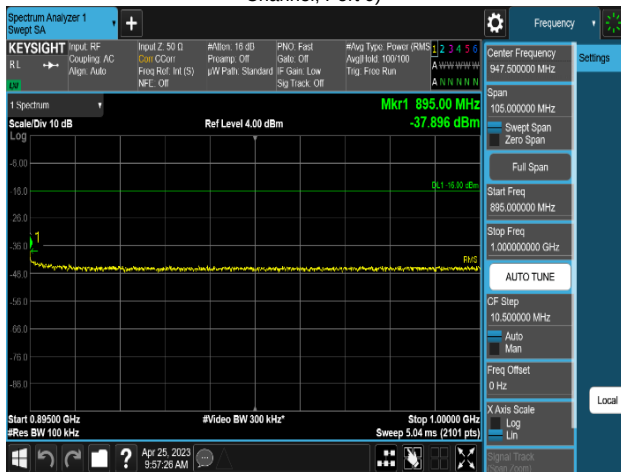
Plot 8-502. Conducted Spurious Emission Plot  
150 kHz to 30 MHz  
(MSR 2C\_DSS B(n)5\_1C\_10M+LTE B5\_1C\_5M\_2T\_QPSK - High Channel, Port 0)



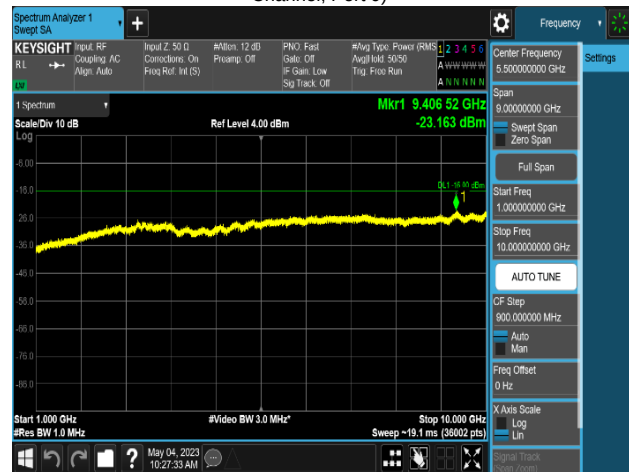
Plot 8-503. Conducted Spurious Emission Plot  
30 MHz to 858 MHz  
(MSR 2C\_DSS B(n)5\_1C\_10M+LTE B5\_1C\_5M\_2T\_QPSK - High Channel, Port 0)



Plot 8-504. Conducted Spurious Emission Plot  
858 MHz to 868 MHz  
(MSR 2C\_DSS B(n)5\_1C\_10M+LTE B5\_1C\_5M\_2T\_QPSK - High Channel, Port 0)



Plot 8-505. Conducted Spurious Emission Plot  
895 MHz to 1 GHz  
(MSR 2C\_DSS B(n)5\_1C\_10M+LTE B5\_1C\_5M\_2T\_QPSK - High Channel, Port 0)



Plot 8-506. Conducted Spurious Emission Plot  
1 GHz to 10 GHz  
(MSR 2C\_DSS B(n)5\_1C\_10M+LTE B5\_1C\_5M\_2T\_QPSK - High Channel, Port 0)

|                                          |                                        |                                       |  |                                   |
|------------------------------------------|----------------------------------------|---------------------------------------|--|-----------------------------------|
| FCC ID: A3LRF4461D-13A                   |                                        | MEASUREMENT REPORT<br>(CERTIFICATION) |  | Approved by:<br>Technical Manager |
| Test Report S/N:<br>8K23040701-00-R2.A3L | Test Dates:<br>04/12/2023 - 05/26/2023 | EUT Type:<br>RRU(RF4461d)             |  | Page 305 of 394                   |