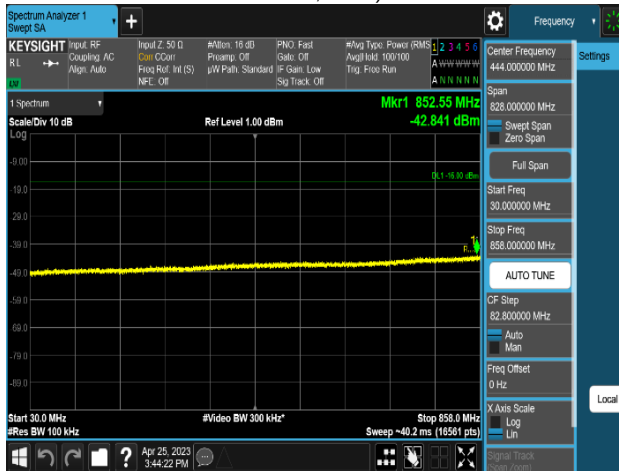




Plot 8-525. Conducted Spurious Emission Plot  
9 kHz to 150 kHz  
(MSR 3C\_NR n5\_2C\_10M+10M+LTE B5\_1C\_5M\_2T\_QPSK-Mid  
Channel, Port 0)



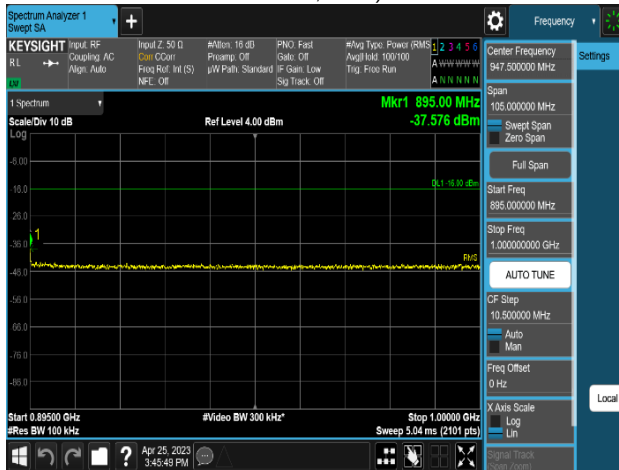
Plot 8-526. Conducted Spurious Emission Plot  
150 kHz to 30 MHz  
(MSR 3C\_NR n5\_2C\_10M+10M+LTE B5\_1C\_5M\_2T\_QPSK-Mid  
Channel, Port 0)



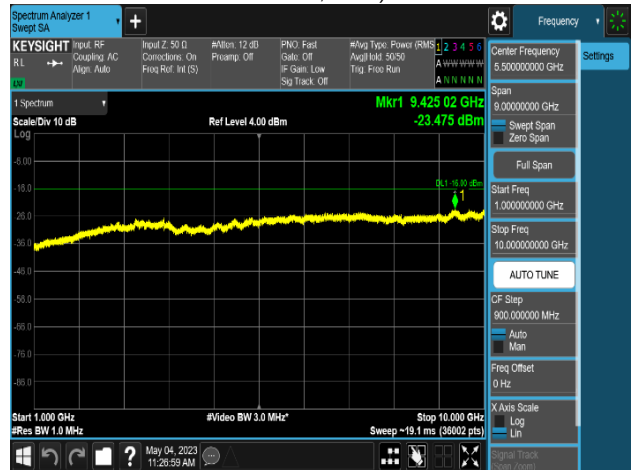
Plot 8-527. Conducted Spurious Emission Plot  
30 MHz to 858 MHz  
(MSR 3C\_NR n5\_2C\_10M+10M+LTE B5\_1C\_5M\_2T\_QPSK-Mid  
Channel, Port 0)



Plot 8-528. Conducted Spurious Emission Plot  
858 MHz to 868 MHz  
(MSR 3C\_NR n5\_2C\_10M+10M+LTE B5\_1C\_5M\_2T\_QPSK-Mid  
Channel, Port 0)

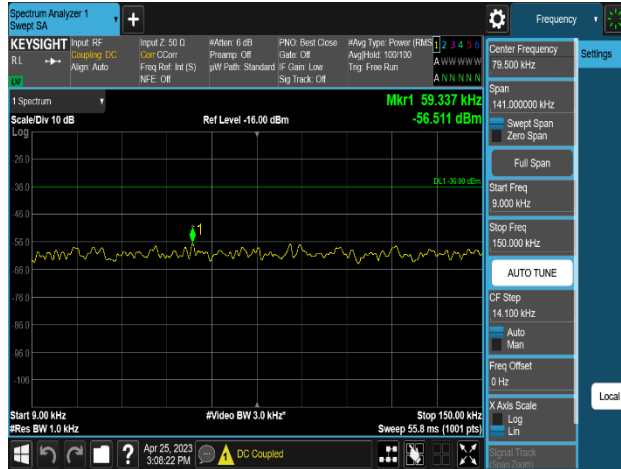


Plot 8-529. Conducted Spurious Emission Plot  
895 MHz to 1 GHz  
(MSR 3C\_NR n5\_2C\_10M+10M+LTE B5\_1C\_5M\_2T\_QPSK-Mid  
Channel, Port 0)

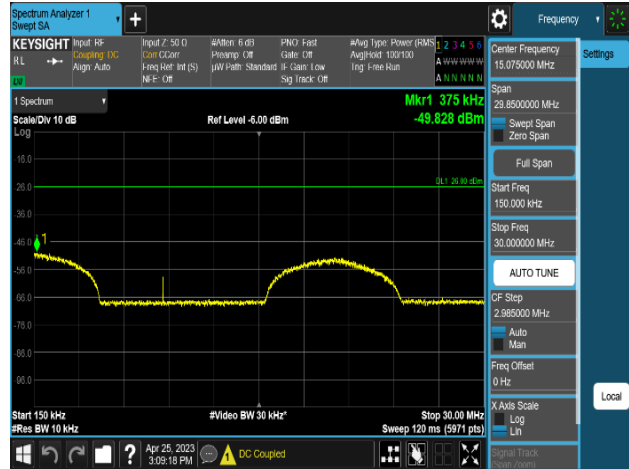


Plot 8-530. Conducted Spurious Emission Plot  
1 GHz to 10 GHz  
(MSR 3C\_NR n5\_2C\_10M+10M+LTE B5\_1C\_5M\_2T\_QPSK-Mid  
Channel, Port 0)

|                                          |                                        |                                       |  |                                   |
|------------------------------------------|----------------------------------------|---------------------------------------|--|-----------------------------------|
| FCC ID: A3LRF4461D-13A                   |                                        | MEASUREMENT REPORT<br>(CERTIFICATION) |  | Approved by:<br>Technical Manager |
| Test Report S/N:<br>8K23040701-00-R1.A3L | Test Dates:<br>04/12/2023 - 05/26/2023 | EUT Type:<br>RRU(RF4461d)             |  | Page 309 of 394                   |



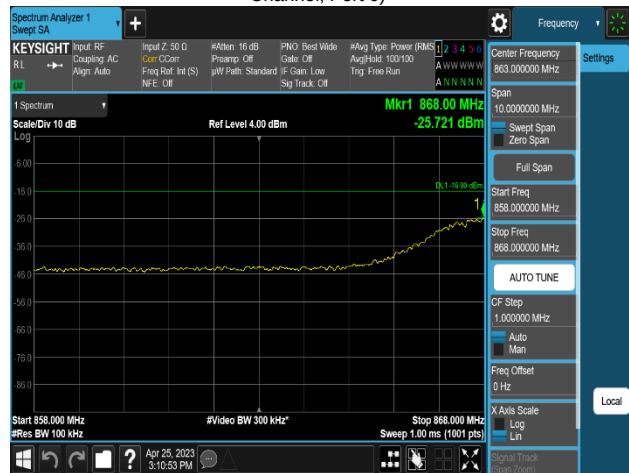
Plot 8-531. Conducted Spurious Emission Plot  
9 kHz to 150 kHz  
(MSR 2NC\_NR n5\_1C\_5M+LTE B5\_1C\_5M\_2T\_QPSK-Mid Channel,  
Port 0)



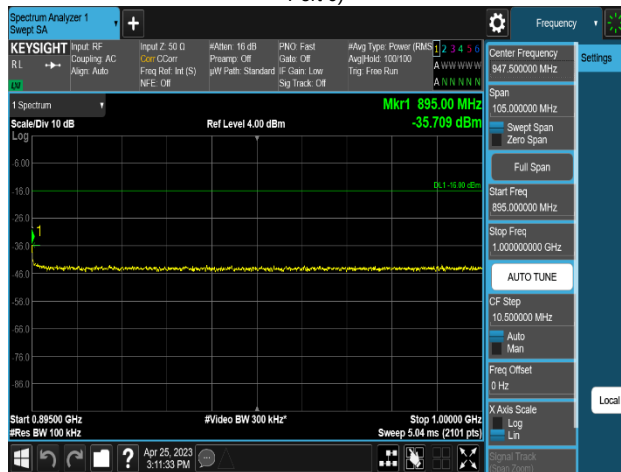
Plot 8-532. Conducted Spurious Emission Plot  
150 kHz to 30 MHz  
(MSR 3C\_NR n5\_2C\_10M+10M+LTE B5\_1C\_5M\_2T\_QPSK-Mid  
Channel, Port 0)



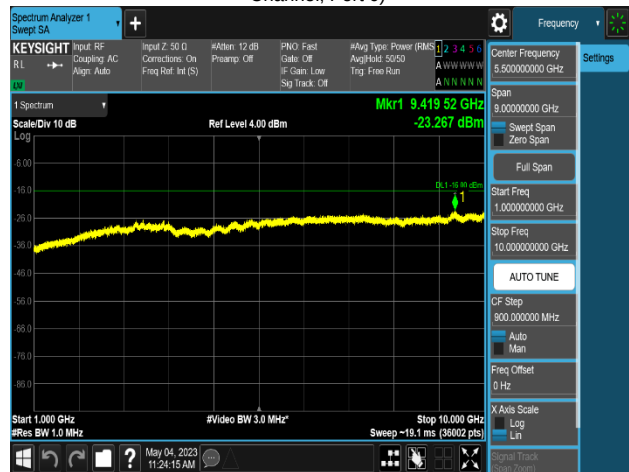
Plot 8-533. Conducted Spurious Emission Plot  
30 MHz to 858 MHz  
(MSR 2NC\_NR n5\_1C\_5M+LTE B5\_1C\_5M\_2T\_QPSK-Mid Channel,  
Port 0)



Plot 8-534. Conducted Spurious Emission Plot  
858 MHz to 868 MHz  
(MSR 3C\_NR n5\_2C\_10M+10M+LTE B5\_1C\_5M\_2T\_QPSK-Mid  
Channel, Port 0)

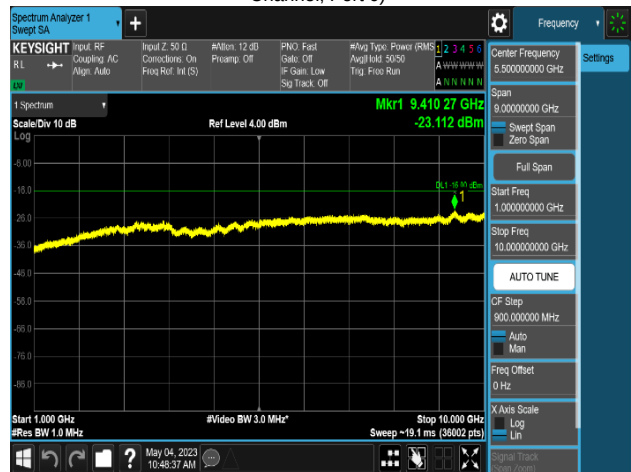
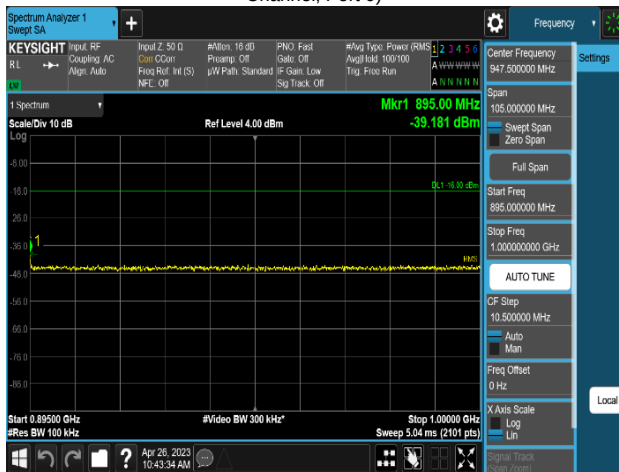
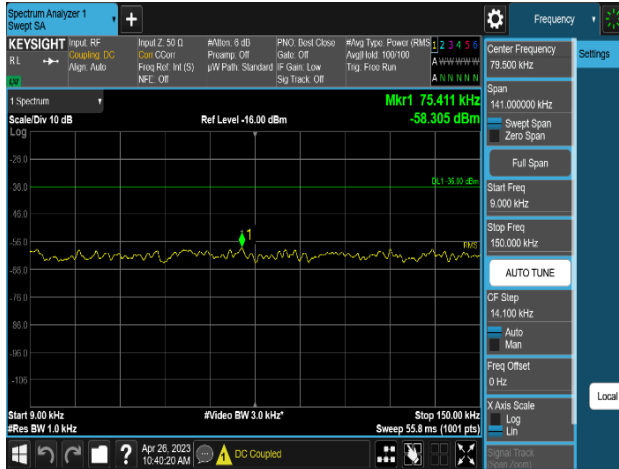


Plot 8-535. Conducted Spurious Emission Plot  
895 MHz to 1 GHz  
(MSR 2NC\_NR n5\_1C\_5M+LTE B5\_1C\_5M\_2T\_QPSK-Mid Channel,  
Port 0)



Plot 8-536. Conducted Spurious Emission Plot  
1 GHz to 10 GHz  
(MSR 3C\_NR n5\_2C\_10M+10M+LTE B5\_1C\_5M\_2T\_QPSK-Mid  
Channel, Port 0)

|                                          |                                        |                                       |  |                                   |
|------------------------------------------|----------------------------------------|---------------------------------------|--|-----------------------------------|
| FCC ID: A3LRF4461D-13A                   |                                        | MEASUREMENT REPORT<br>(CERTIFICATION) |  | Approved by:<br>Technical Manager |
| Test Report S/N:<br>8K23040701-00-R1.A3L | Test Dates:<br>04/12/2023 - 05/26/2023 | EUT Type:<br>RRU(RF4461d)             |  | Page 310 of 394                   |



|                                          |                                        |                                       |  |                                   |
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| FCC ID: A3LRF4461D-13A                   |                                        | MEASUREMENT REPORT<br>(CERTIFICATION) |  | Approved by:<br>Technical Manager |
| Test Report S/N:<br>8K23040701-00-R1.A3L | Test Dates:<br>04/12/2023 - 05/26/2023 | EUT Type:<br>RRU(RF4461d)             |  | Page 311 of 394                   |



Plot 8-543. Conducted Spurious Emission Plot  
9 kHz to 150 kHz  
(MSR 2C\_DSS B(n)5\_1C\_10M+NR n5\_1C\_15M\_2T\_16QAM-Low  
Channel, Port 0)



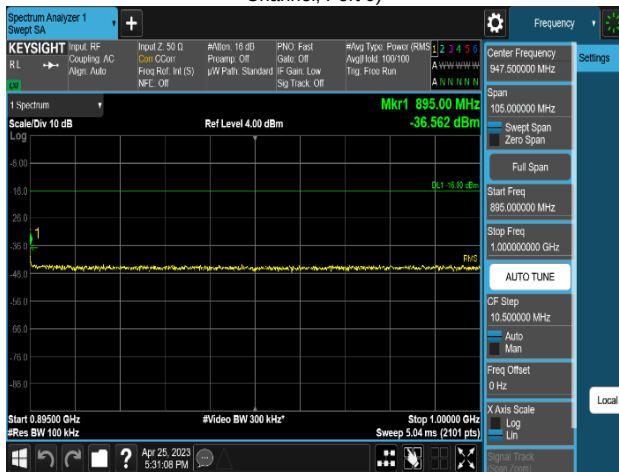
Plot 8-544. Conducted Spurious Emission Plot  
150 kHz to 30 MHz  
(MSR 2C\_DSS B(n)5\_1C\_10M+NR n5\_1C\_15M\_2T\_16QAM-Low  
Channel, Port 0)



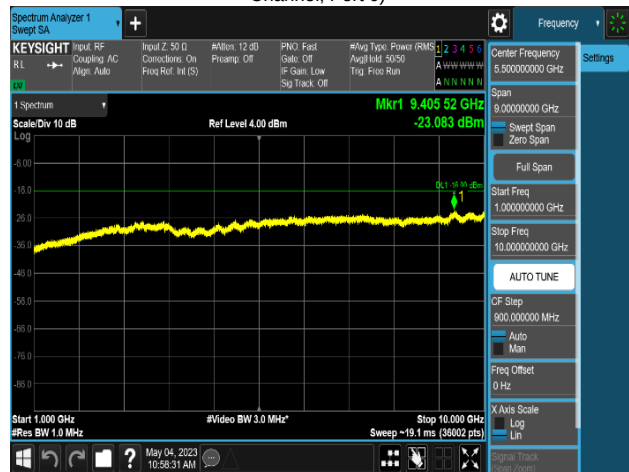
Plot 8-545. Conducted Spurious Emission Plot  
30 MHz to 858 MHz  
(MSR 2C\_DSS B(n)5\_1C\_10M+NR n5\_1C\_15M\_2T\_16QAM-Low  
Channel, Port 0)



Plot 8-546. Conducted Spurious Emission Plot  
858 MHz to 868 MHz  
(MSR 2C\_DSS B(n)5\_1C\_10M+NR n5\_1C\_15M\_2T\_16QAM-Low  
Channel, Port 0)

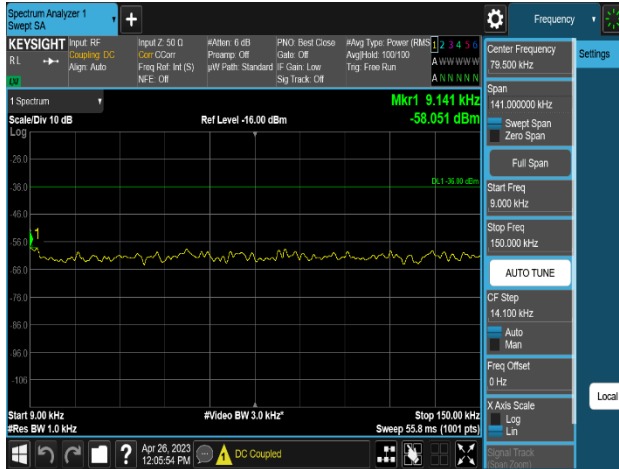


Plot 8-547. Conducted Spurious Emission Plot  
895 MHz to 1 GHz  
(MSR 2C\_DSS B(n)5\_1C\_10M+NR n5\_1C\_15M\_2T\_16QAM-Low  
Channel, Port 0)

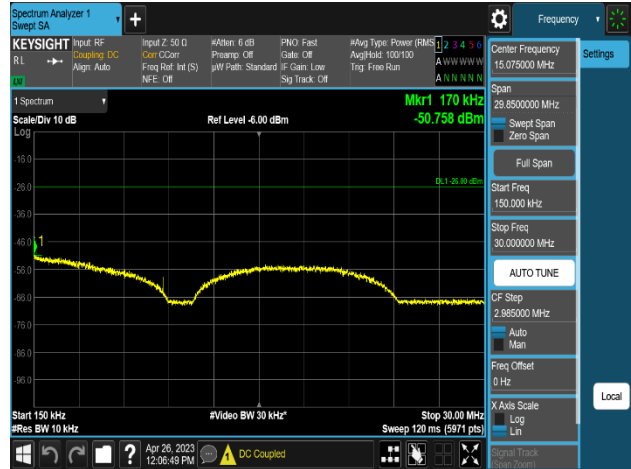


Plot 8-548. Conducted Spurious Emission Plot  
1 GHz to 10 GHz  
(MSR 2C\_DSS B(n)5\_1C\_10M+NR n5\_1C\_15M\_2T\_16QAM-Low  
Channel, Port 0)

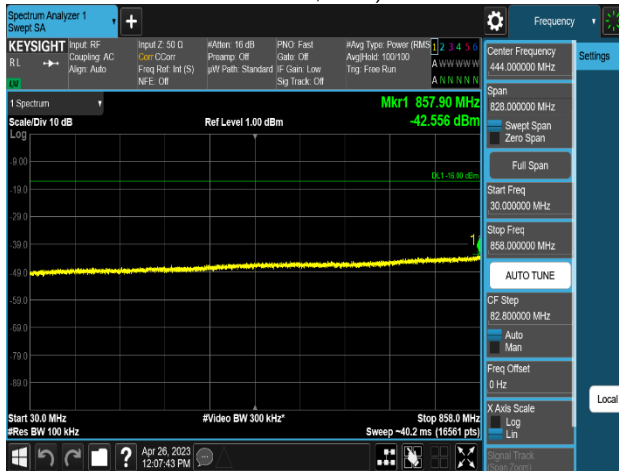
|                                          |                                        |                                       |  |                                   |
|------------------------------------------|----------------------------------------|---------------------------------------|--|-----------------------------------|
| FCC ID: A3LRF4461D-13A                   |                                        | MEASUREMENT REPORT<br>(CERTIFICATION) |  | Approved by:<br>Technical Manager |
| Test Report S/N:<br>8K23040701-00-R1.A3L | Test Dates:<br>04/12/2023 - 05/26/2023 | EUT Type:<br>RRU(RF4461d)             |  | Page 312 of 394                   |



Plot 8-549. Conducted Spurious Emission Plot  
9 kHz to 150 kHz  
(MSR 2NC\_DSS B(n)5\_1C\_10M+NR n5\_1C\_5M\_2T\_QPSK-Middle Channel, Port 0)



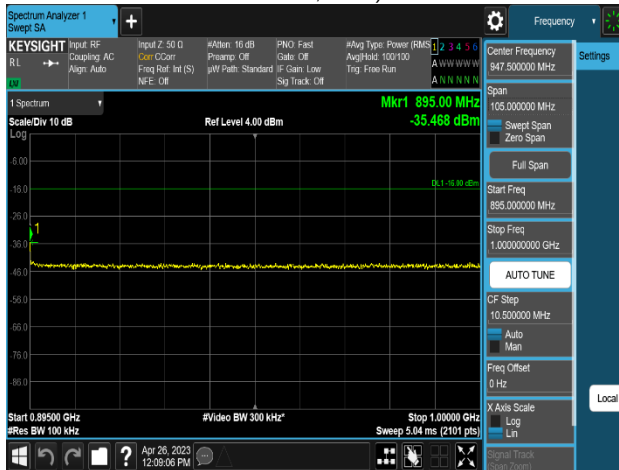
Plot 8-550. Conducted Spurious Emission Plot  
150 kHz to 30 MHz  
(MSR 2NC\_DSS B(n)5\_1C\_10M+NR n5\_1C\_5M\_2T\_QPSK-Middle Channel, Port 0)



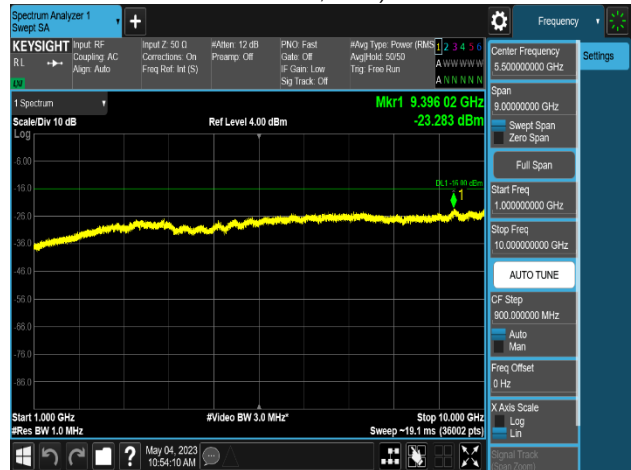
Plot 8-551. Conducted Spurious Emission Plot  
30 MHz to 858 MHz  
(MSR 2NC\_DSS B(n)5\_1C\_10M+NR n5\_1C\_5M\_2T\_QPSK-Middle Channel, Port 0)



Plot 8-552. Conducted Spurious Emission Plot  
858 MHz to 868 MHz  
(MSR 2NC\_DSS B(n)5\_1C\_10M+NR n5\_1C\_5M\_2T\_QPSK-Middle Channel, Port 0)



Plot 8-553. Conducted Spurious Emission Plot  
895 MHz to 1 GHz  
(MSR 2NC\_DSS B(n)5\_1C\_10M+NR n5\_1C\_5M\_2T\_QPSK-Middle Channel, Port 0)



Plot 8-554. Conducted Spurious Emission Plot  
1 GHz to 10 GHz  
(MSR 2NC\_DSS B(n)5\_1C\_10M+NR n5\_1C\_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-R1.A3L | Test Dates:<br>04/12/2023 - 05/26/2023 | EUT Type:<br>RRU(RF4461d)             |  | Page 313 of 394                   |



Plot 8-555. Conducted Spurious Emission Plot  
9 kHz to 150 kHz  
(MSR 3C\_DSS B(n)5\_1C\_10M+NR n5\_1C\_5M+LTE  
B5\_1C\_5M\_2T\_16QAM-Middle Channel, Port 0)



Plot 8-556. Conducted Spurious Emission Plot  
150 kHz to 30 MHz  
(MSR 3C\_DSS B(n)5\_1C\_10M+NR n5\_1C\_5M+LTE  
B5\_1C\_5M\_2T\_16QAM-Middle Channel, Port 0)



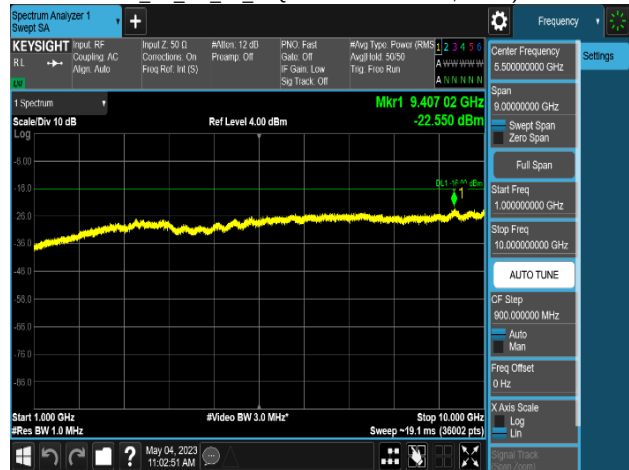
Plot 8-557. Conducted Spurious Emission Plot  
30 MHz to 858 MHz  
(MSR 3C\_DSS B(n)5\_1C\_10M+NR n5\_1C\_5M+LTE  
B5\_1C\_5M\_2T\_16QAM-Middle Channel, Port 0)



Plot 8-558. Conducted Spurious Emission Plot  
858 MHz to 868 MHz  
(MSR 3C\_DSS B(n)5\_1C\_10M+NR n5\_1C\_5M+LTE  
B5\_1C\_5M\_2T\_16QAM-Middle Channel, Port 0)

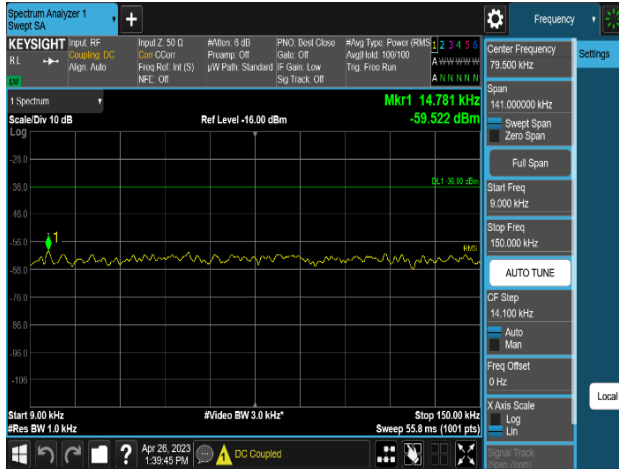


Plot 8-559. Conducted Spurious Emission Plot  
895 MHz to 1 GHz  
(MSR 3C\_DSS B(n)5\_1C\_10M+NR n5\_1C\_5M+LTE  
B5\_1C\_5M\_2T\_16QAM-Middle Channel, Port 0)

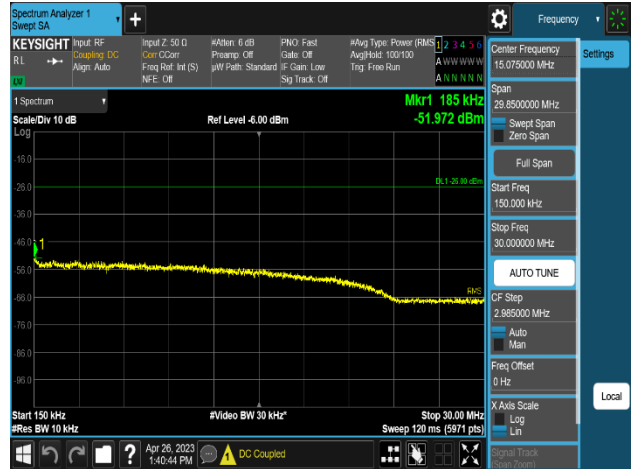


Plot 8-560. Conducted Spurious Emission Plot  
1 GHz to 10 GHz  
(MSR 3C\_DSS B(n)5\_1C\_10M+NR n5\_1C\_5M+LTE  
B5\_1C\_5M\_2T\_16QAM-Middle Channel, Port 0)

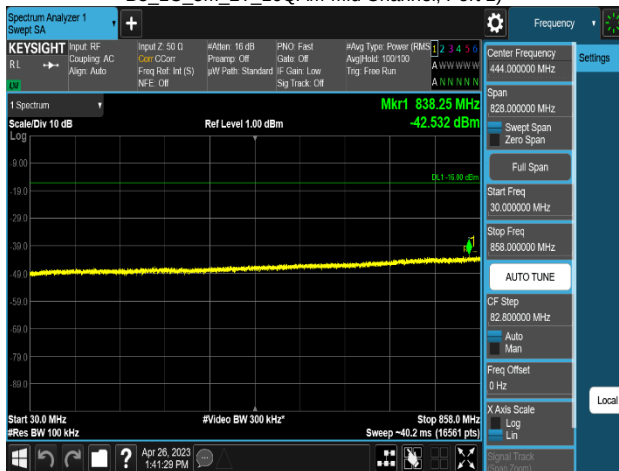
|                                          |                                        |                                       |  |                                   |
|------------------------------------------|----------------------------------------|---------------------------------------|--|-----------------------------------|
| FCC ID: A3LRF4461D-13A                   |                                        | MEASUREMENT REPORT<br>(CERTIFICATION) |  | Approved by:<br>Technical Manager |
| Test Report S/N:<br>8K23040701-00-R1.A3L | Test Dates:<br>04/12/2023 - 05/26/2023 | EUT Type:<br>RRU(RF4461d)             |  | Page 314 of 394                   |



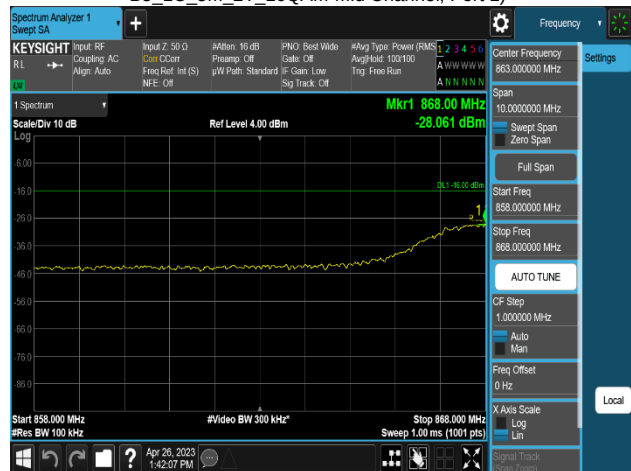
Plot 8-561. Conducted Spurious Emission Plot  
9 kHz to 150 kHz  
(MSR 3C\_DSS B(n)5\_1C\_10M+NR n5\_1C\_10M+LTE  
B5\_1C\_5M\_2T\_16QAM-Mid Channel, Port 1)



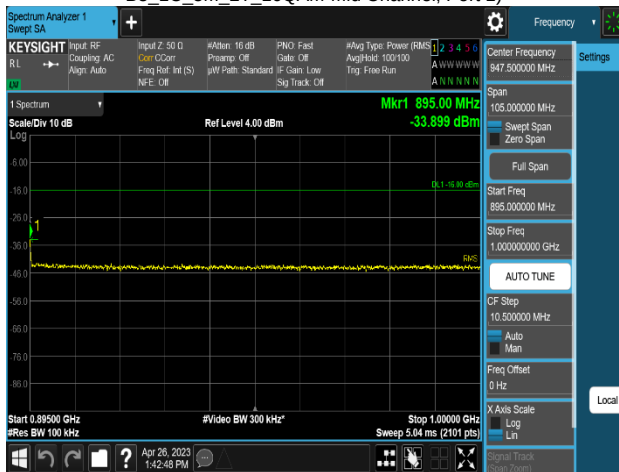
Plot 8-562. Conducted Spurious Emission Plot  
150 kHz to 30 MHz  
(MSR 3C\_DSS B(n)5\_1C\_10M+NR n5\_1C\_10M+LTE  
B5\_1C\_5M\_2T\_16QAM-Mid Channel, Port 1)



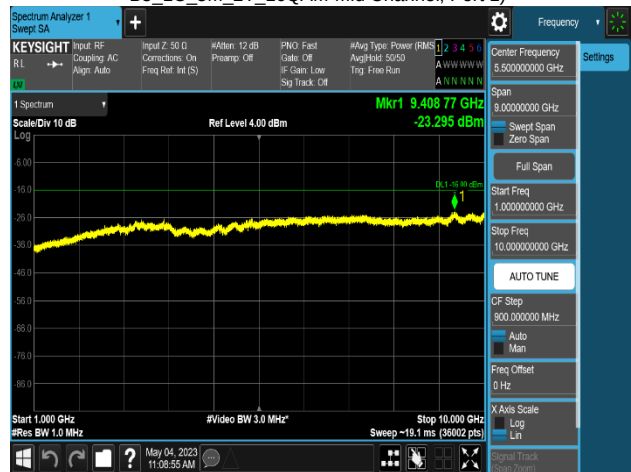
Plot 8-563. Conducted Spurious Emission Plot  
30 MHz to 858 MHz  
(MSR 3C\_DSS B(n)5\_1C\_10M+NR n5\_1C\_10M+LTE  
B5\_1C\_5M\_2T\_16QAM-Mid Channel, Port 1)



Plot 8-564. Conducted Spurious Emission Plot  
858 MHz to 868 MHz  
(MSR 3C\_DSS B(n)5\_1C\_10M+NR n5\_1C\_10M+LTE  
B5\_1C\_5M\_2T\_16QAM-Mid Channel, Port 1)

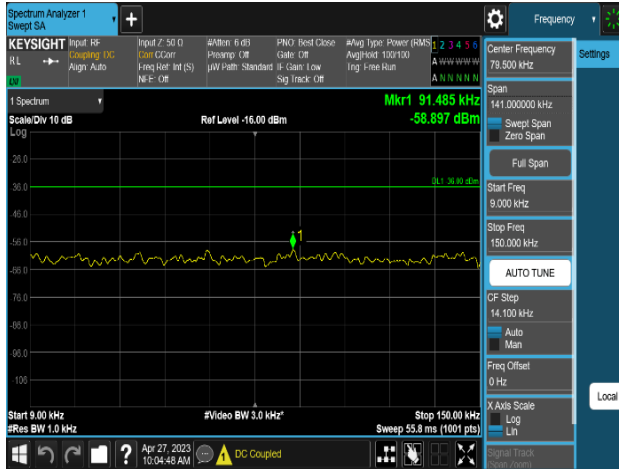


Plot 8-565. Conducted Spurious Emission Plot  
895 MHz to 1 GHz  
(MSR 3C\_DSS B(n)5\_1C\_10M+NR n5\_1C\_10M+LTE  
B5\_1C\_5M\_2T\_16QAM-Mid Channel, Port 1)



Plot 8-566. Conducted Spurious Emission Plot  
1 GHz to 10 GHz  
(MSR 3C\_DSS B(n)5\_1C\_10M+NR n5\_1C\_10M+LTE  
B5\_1C\_5M\_2T\_16QAM-Mid Channel, Port 1)

|                                          |                                        |                                       |  |                                   |
|------------------------------------------|----------------------------------------|---------------------------------------|--|-----------------------------------|
| FCC ID: A3LRF4461D-13A                   |                                        | MEASUREMENT REPORT<br>(CERTIFICATION) |  | Approved by:<br>Technical Manager |
| Test Report S/N:<br>8K23040701-00-R1.A3L | Test Dates:<br>04/12/2023 - 05/26/2023 | EUT Type:<br>RRU(RF4461d)             |  | Page 315 of 394                   |



Plot 8-567. Conducted Spurious Emission Plot  
9 kHz to 150 kHz  
(MSR 3NC\_DSS B(n)5\_1C\_10M+NR n5\_1C\_5M+LTE  
B5\_1C\_5M\_2T\_QPSK-Mid Channel, Port 0)



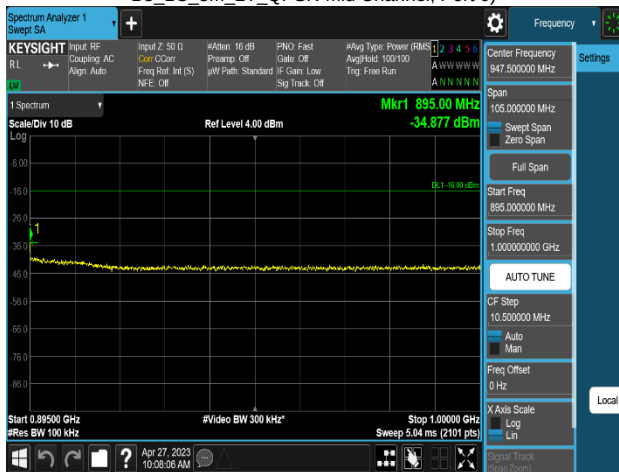
Plot 8-568. Conducted Spurious Emission Plot  
150 kHz to 30 MHz  
(MSR 3NC\_DSS B(n)5\_1C\_10M+NR n5\_1C\_5M+LTE  
B5\_1C\_5M\_2T\_QPSK-Mid Channel, Port 0)



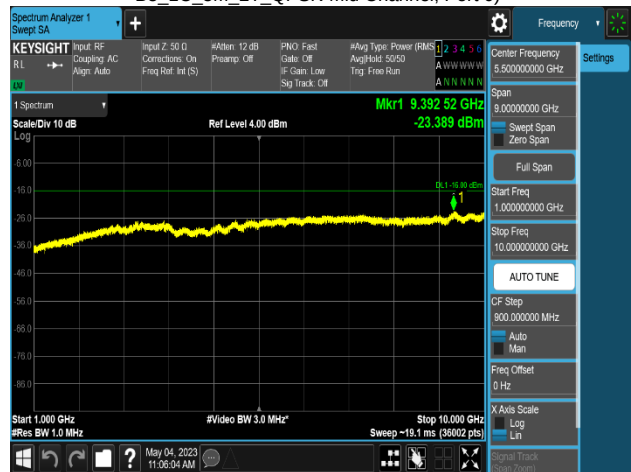
Plot 8-569. Conducted Spurious Emission Plot  
30 MHz to 858 MHz  
(MSR 3NC\_DSS B(n)5\_1C\_10M+NR n5\_1C\_5M+LTE  
B5\_1C\_5M\_2T\_QPSK-Mid Channel, Port 0)



Plot 8-570. Conducted Spurious Emission Plot  
858 MHz to 868 MHz  
(MSR 3NC\_DSS B(n)5\_1C\_10M+NR n5\_1C\_5M+LTE  
B5\_1C\_5M\_2T\_QPSK-Mid Channel, Port 0)

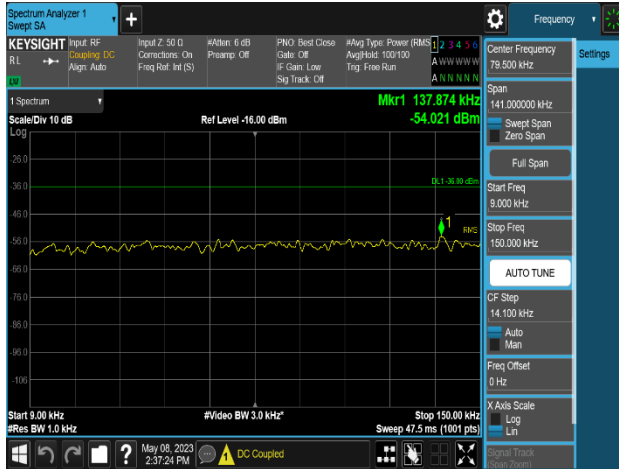


Plot 8-571. Conducted Spurious Emission Plot  
895 MHz to 1 GHz  
(MSR 3NC\_DSS B(n)5\_1C\_10M+NR n5\_1C\_5M+LTE  
B5\_1C\_5M\_2T\_QPSK-Mid Channel, Port 0)

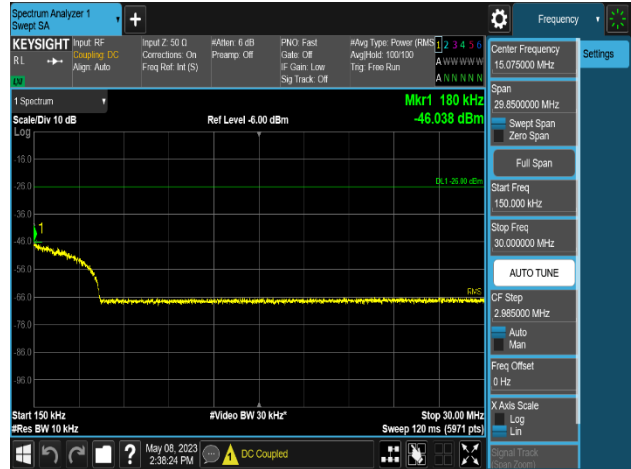


Plot 8-572. Conducted Spurious Emission Plot  
1 GHz to 10 GHz  
(MSR 3NC\_DSS B(n)5\_1C\_10M+NR n5\_1C\_5M+LTE  
B5\_1C\_5M\_2T\_QPSK-Mid Channel, Port 0)

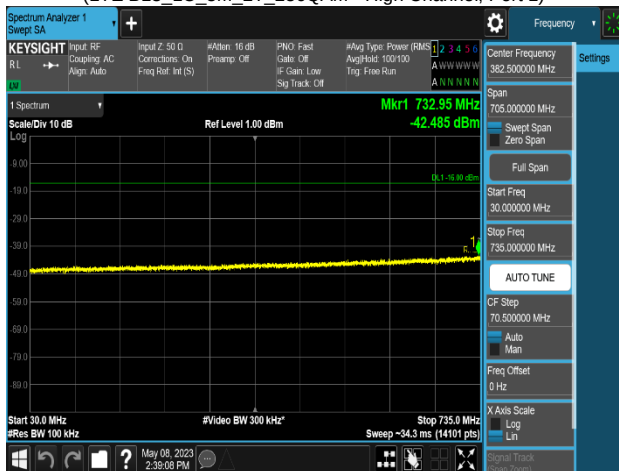
|                                          |                                        |                                       |  |                                   |
|------------------------------------------|----------------------------------------|---------------------------------------|--|-----------------------------------|
| FCC ID: A3LRF4461D-13A                   |                                        | MEASUREMENT REPORT<br>(CERTIFICATION) |  | Approved by:<br>Technical Manager |
| Test Report S/N:<br>8K23040701-00-R1.A3L | Test Dates:<br>04/12/2023 - 05/26/2023 | EUT Type:<br>RRU(RF4461d)             |  | Page 316 of 394                   |



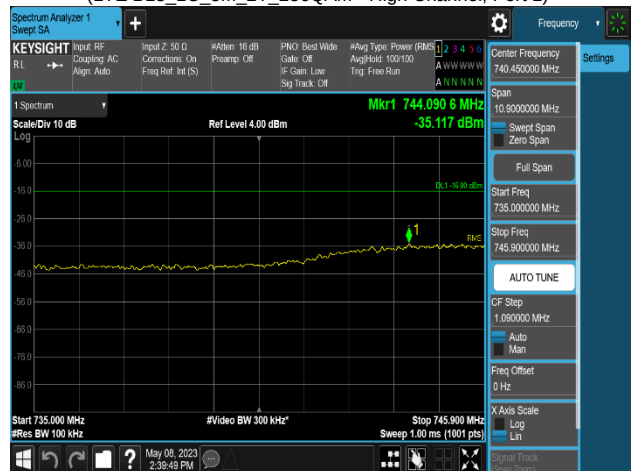
Plot 8-573. Conducted Spurious Emission Plot  
9 kHz to 150 kHz



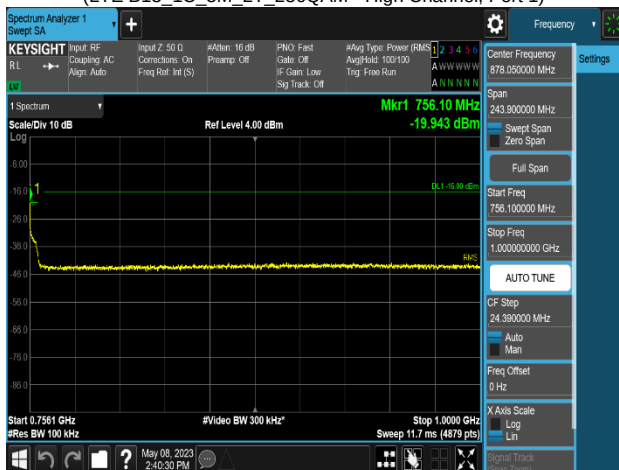
Plot 8-574. Conducted Spurious Emission Plot  
150 kHz to 30 MHz



Plot 8-575. Conducted Spurious Emission Plot  
30 MHz to 735 MHz



Plot 8-576. Conducted Spurious Emission Plot  
735 MHz to 745.9 MHz



Plot 8-577. Conducted Spurious Emission Plot  
756.1 MHz to 1 GHz

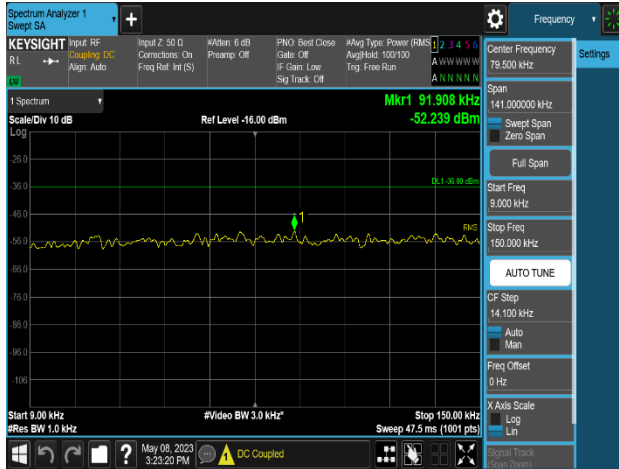


Plot 8-578. Conducted Spurious Emission Plot  
1 GHz to 10 GHz

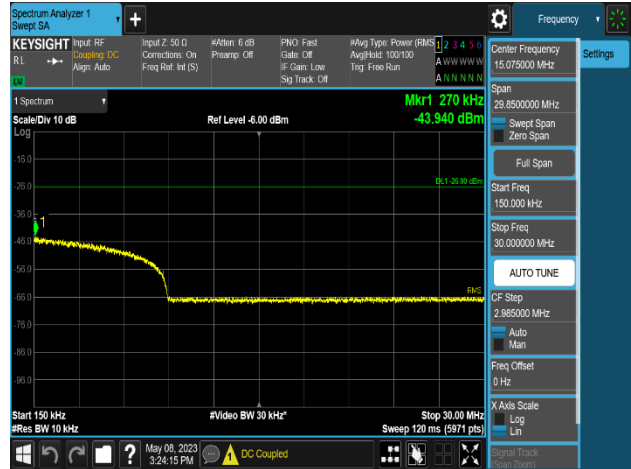
(LTE B13\_1C\_5M\_2T\_256QAM - High Channel, Port 1)

(LTE B13\_1C\_5M\_2T\_256QAM - High Channel, Port 1)

|                                          |                                        |                                       |  |                                   |
|------------------------------------------|----------------------------------------|---------------------------------------|--|-----------------------------------|
| FCC ID: A3LRF4461D-13A                   |                                        | MEASUREMENT REPORT<br>(CERTIFICATION) |  | Approved by:<br>Technical Manager |
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Plot 8-579. Conducted Spurious Emission Plot  
9 kHz to 150 kHz  
(LTE B13\_1C\_10M\_2T\_64QAM - Middle Channel, Port 0)



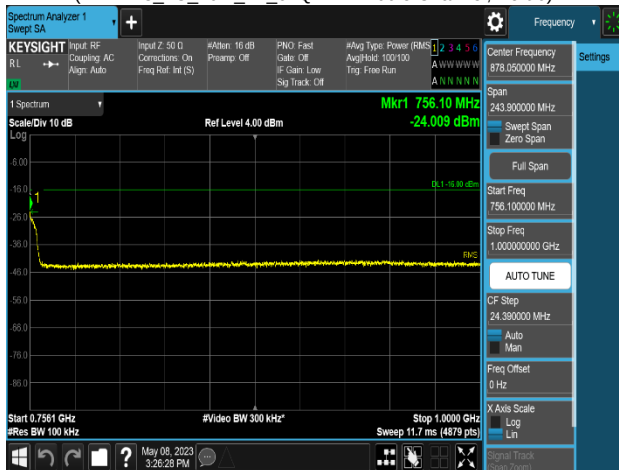
Plot 8-580. Conducted Spurious Emission Plot  
150 kHz to 30 MHz  
(LTE B13\_1C\_10M\_2T\_64QAM - Middle Channel, Port 0)



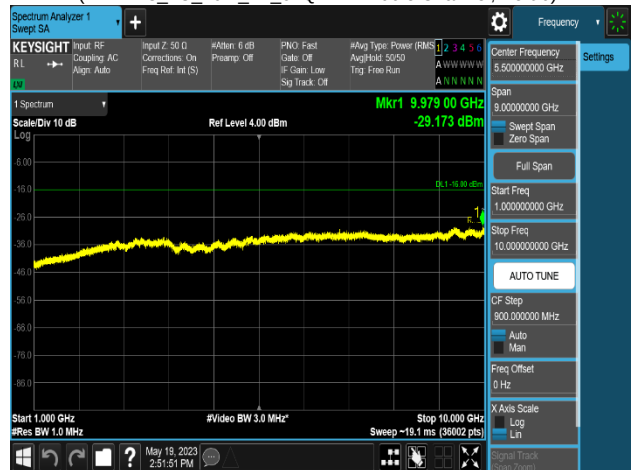
Plot 8-581. Conducted Spurious Emission Plot  
30 MHz to 735 MHz  
(LTE B13\_1C\_10M\_2T\_64QAM - Middle Channel, Port 0)



Plot 8-582. Conducted Spurious Emission Plot  
735 MHz to 745.9 MHz  
(LTE B13\_1C\_10M\_2T\_64QAM - Middle Channel, Port 0)

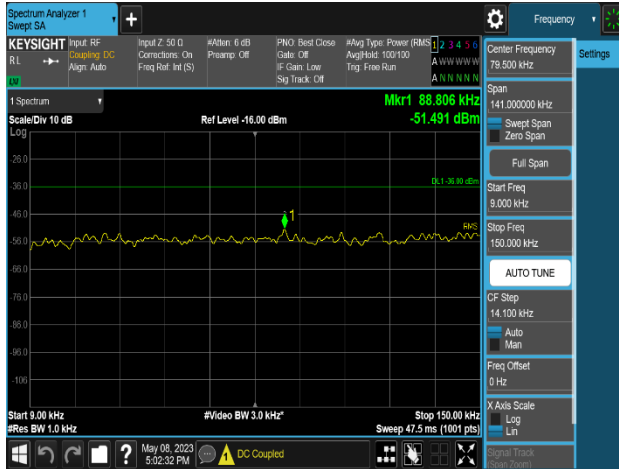


Plot 8-583. Conducted Spurious Emission Plot  
756.1 MHz to 1 GHz  
(LTE B13\_1C\_10M\_2T\_64QAM - Middle Channel, Port 0)



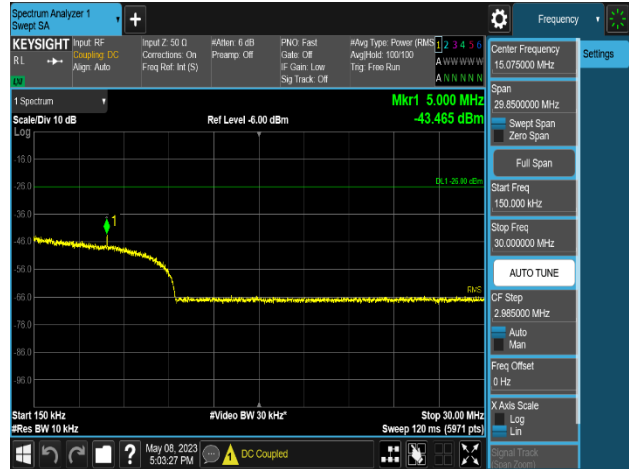
Plot 8-584. Conducted Spurious Emission Plot  
1 GHz to 10 GHz  
(LTE B13\_1C\_10M\_2T\_64QAM - Middle Channel, Port 0)

|                                          |                                        |                                       |  |                                   |
|------------------------------------------|----------------------------------------|---------------------------------------|--|-----------------------------------|
| FCC ID: A3LRF4461D-13A                   |                                        | MEASUREMENT REPORT<br>(CERTIFICATION) |  | Approved by:<br>Technical Manager |
| Test Report S/N:<br>8K23040701-00-R1.A3L | Test Dates:<br>04/12/2023 - 05/26/2023 | EUT Type:<br>RRU(RF4461d)             |  | Page 318 of 394                   |



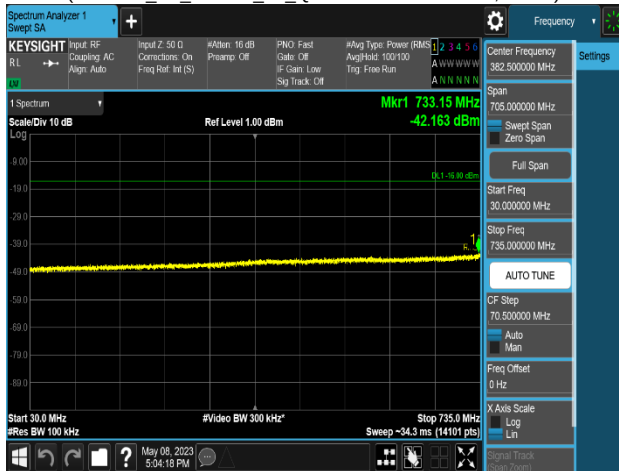
Plot 8-585. Conducted Spurious Emission Plot  
9 kHz to 150 kHz

(LTE B13\_2C\_5M+5M\_2T\_QPSK - Middle Channel, Port 0)



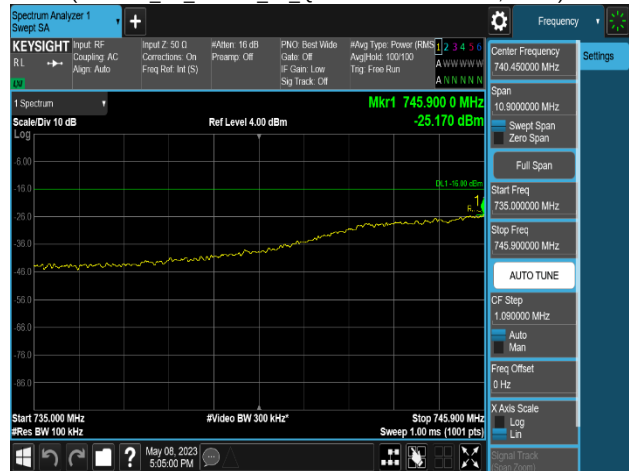
Plot 8-586. Conducted Spurious Emission Plot  
150 kHz to 30 MHz

(LTE B13\_2C\_5M+5M\_2T\_QPSK - Middle Channel, Port 0)



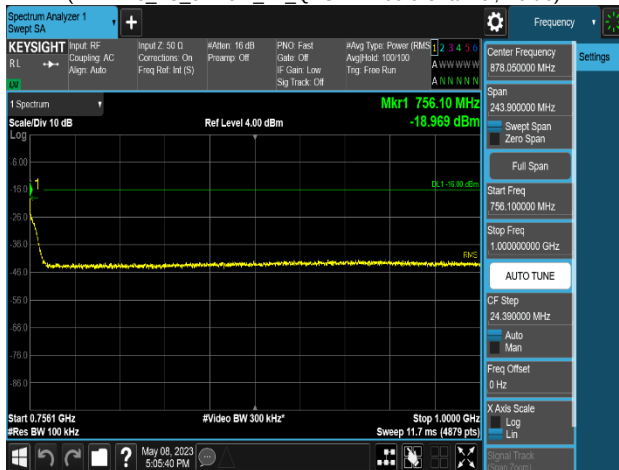
Plot 8-587. Conducted Spurious Emission Plot  
30 MHz to 735 MHz

(LTE B13\_2C\_5M+5M\_2T\_QPSK - Middle Channel, Port 0)



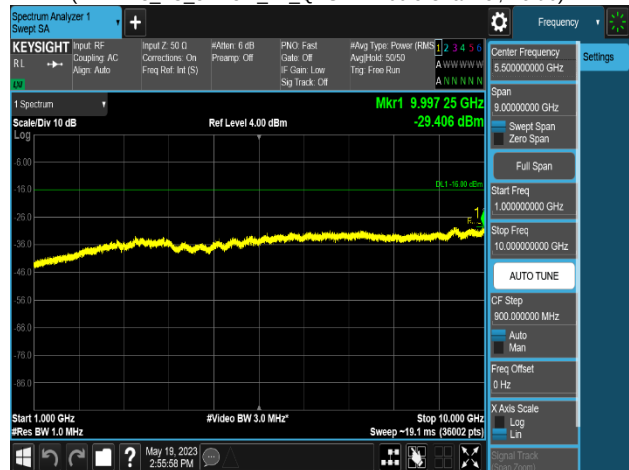
Plot 8-588. Conducted Spurious Emission Plot  
735 MHz to 745.9 MHz

(LTE B13\_2C\_5M+5M\_2T\_QPSK - Middle Channel, Port 0)



Plot 8-589. Conducted Spurious Emission Plot  
756.1 MHz to 1 GHz

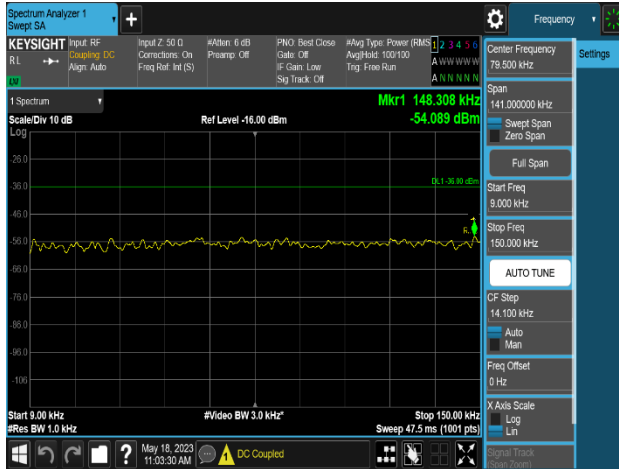
(LTE B13\_2C\_5M+5M\_2T\_QPSK - Middle Channel, Port 0)



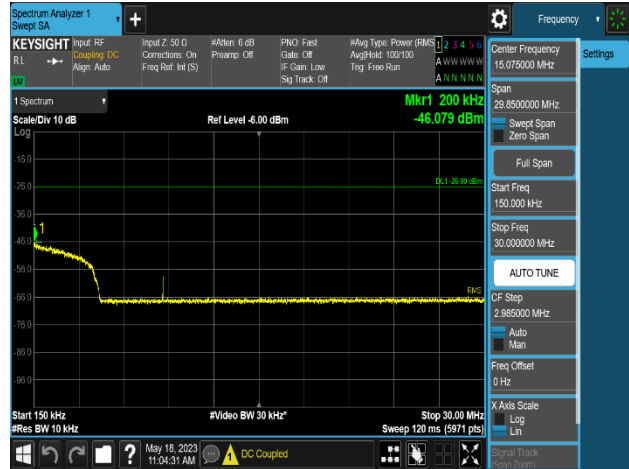
Plot 8-590. Conducted Spurious Emission Plot  
1 GHz to 10 GHz

(LTE B13\_2C\_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-R1.A3L | Test Dates:<br>04/12/2023 - 05/26/2023 | EUT Type:<br>RRU(RF4461d)             |  | Page 319 of 394                   |



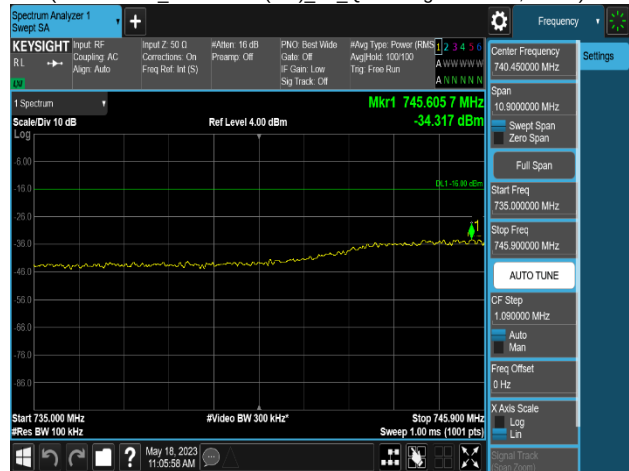
Plot 8-591. Conducted Spurious Emission Plot  
9 kHz to 150 kHz  
(LTE B13 1C\_5M+NB-IoT(1IB)\_2T\_QPSK-High Channel, Port 1)



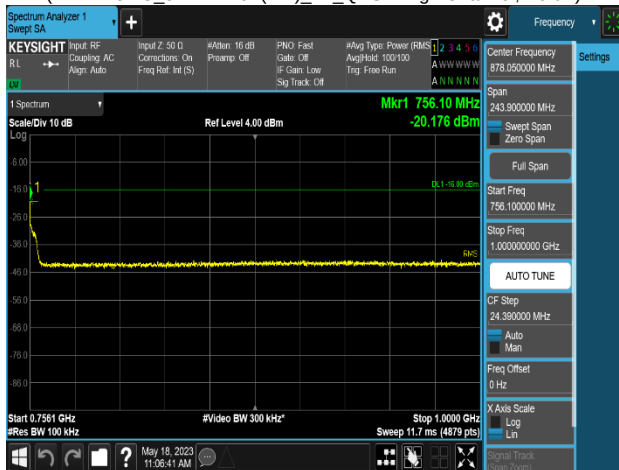
Plot 8-592. Conducted Spurious Emission Plot  
150 kHz to 30 MHz  
(LTE B13 1C\_5M+NB-IoT(1IB)\_2T\_QPSK-High Channel, Port 1)



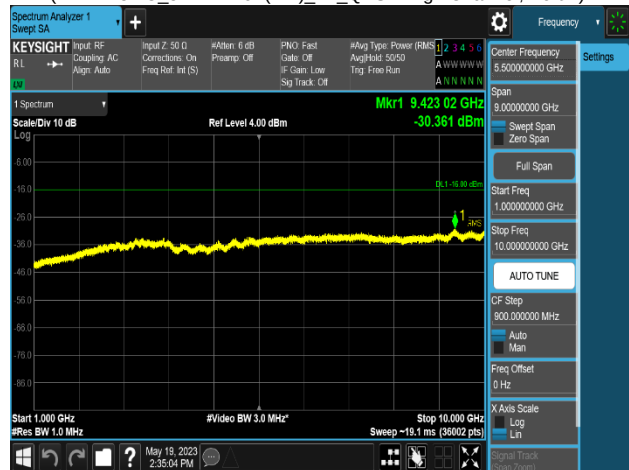
Plot 8-593. Conducted Spurious Emission Plot  
30 MHz to 735 MHz  
(LTE B13 1C\_5M+NB-IoT(1IB)\_2T\_QPSK-High Channel, Port 1)



Plot 8-594. Conducted Spurious Emission Plot  
735 MHz to 745.9 MHz  
(LTE B13 1C\_5M+NB-IoT(1IB)\_2T\_QPSK-High Channel, Port 1)



Plot 8-595. Conducted Spurious Emission Plot  
756.1 MHz to 1 GHz  
(LTE B13 1C\_5M+NB-IoT(1IB)\_2T\_QPSK-High Channel, Port 1)



Plot 8-596. Conducted Spurious Emission Plot  
1 GHz to 10 GHz  
(LTE B13 1C\_5M+NB-IoT(1IB)\_2T\_QPSK-High Channel, Port 1)

|                                          |                                        |                                       |  |                                   |
|------------------------------------------|----------------------------------------|---------------------------------------|--|-----------------------------------|
| FCC ID: A3LRF4461D-13A                   |                                        | MEASUREMENT REPORT<br>(CERTIFICATION) |  | Approved by:<br>Technical Manager |
| Test Report S/N:<br>8K23040701-00-R1.A3L | Test Dates:<br>04/12/2023 - 05/26/2023 | EUT Type:<br>RRU(RF4461d)             |  | Page 320 of 394                   |