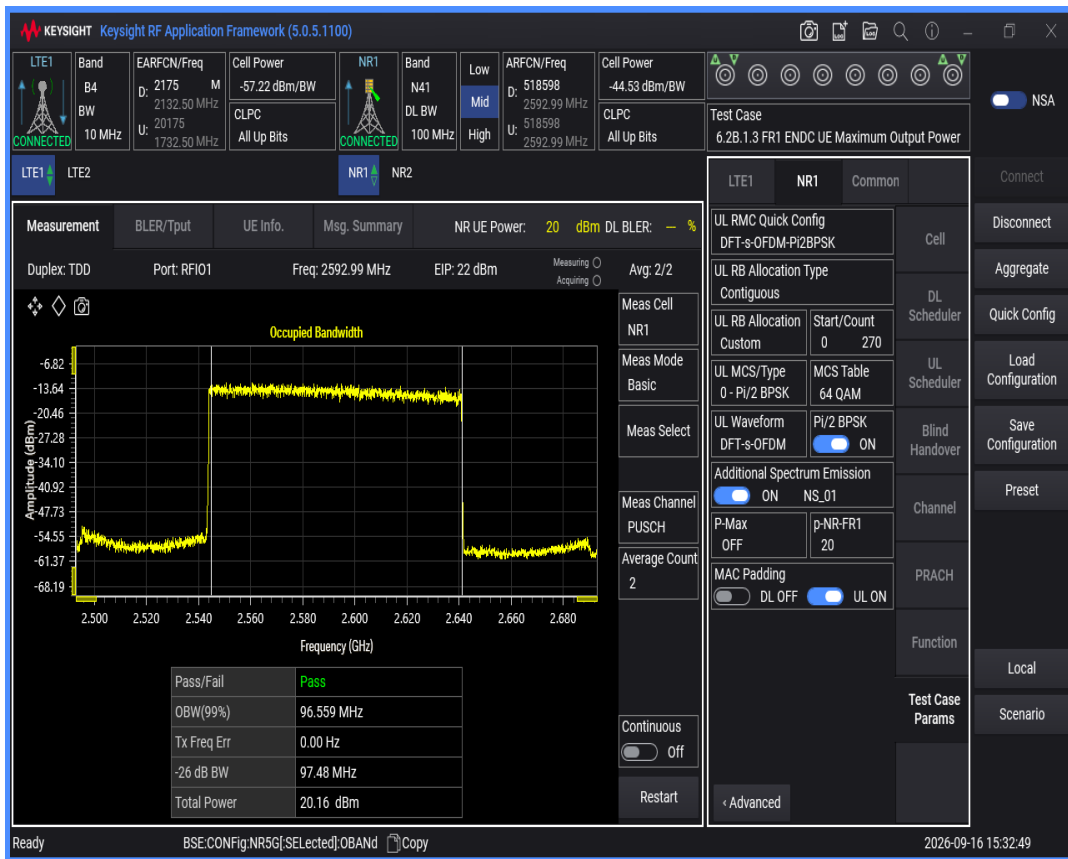
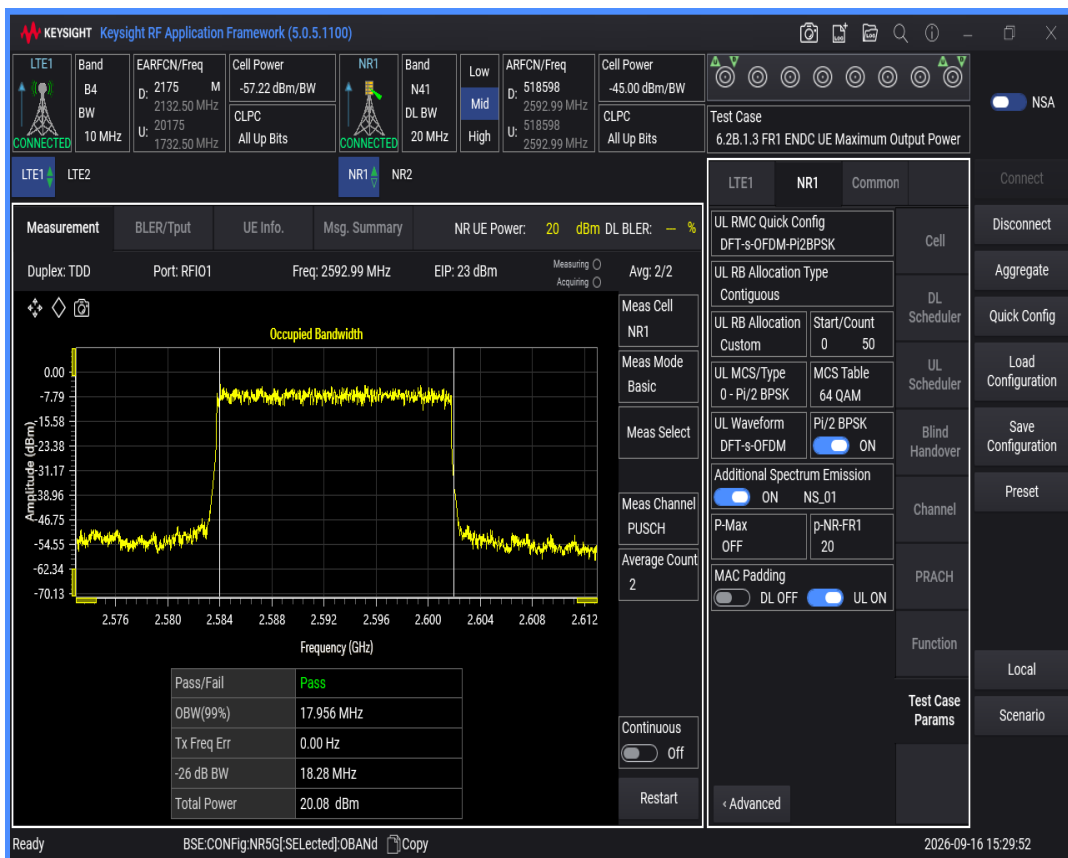
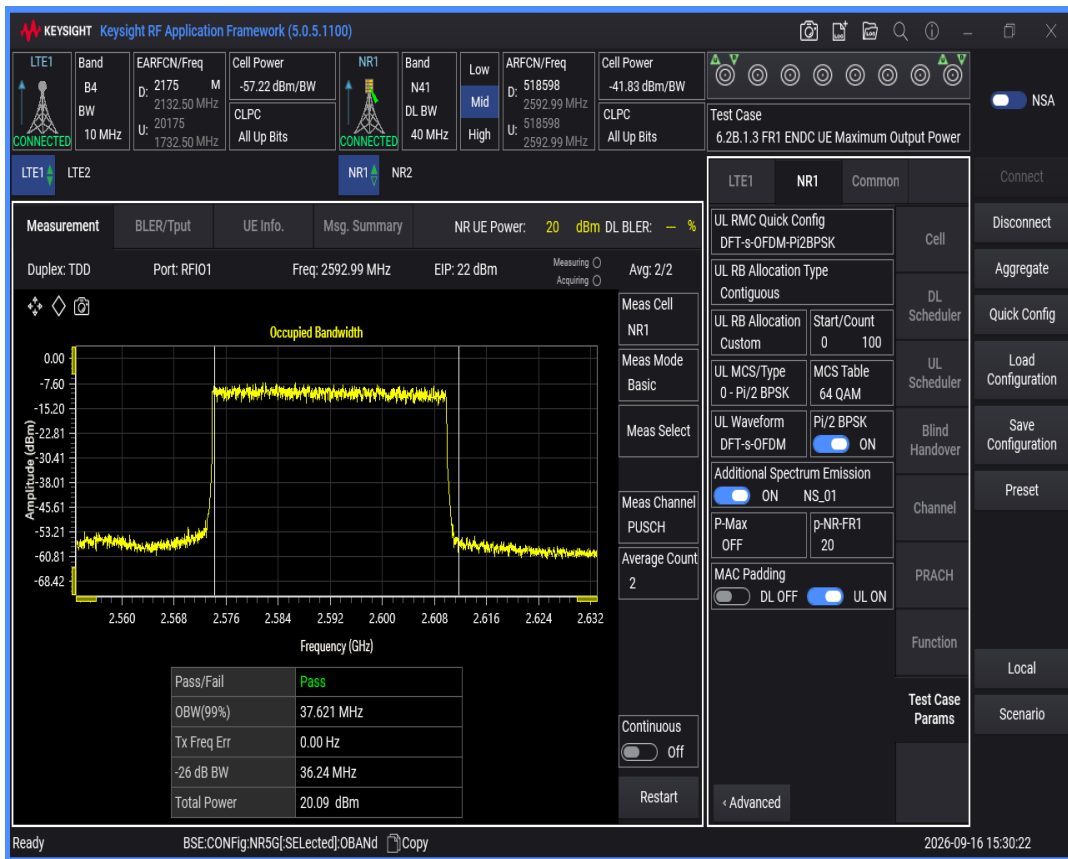




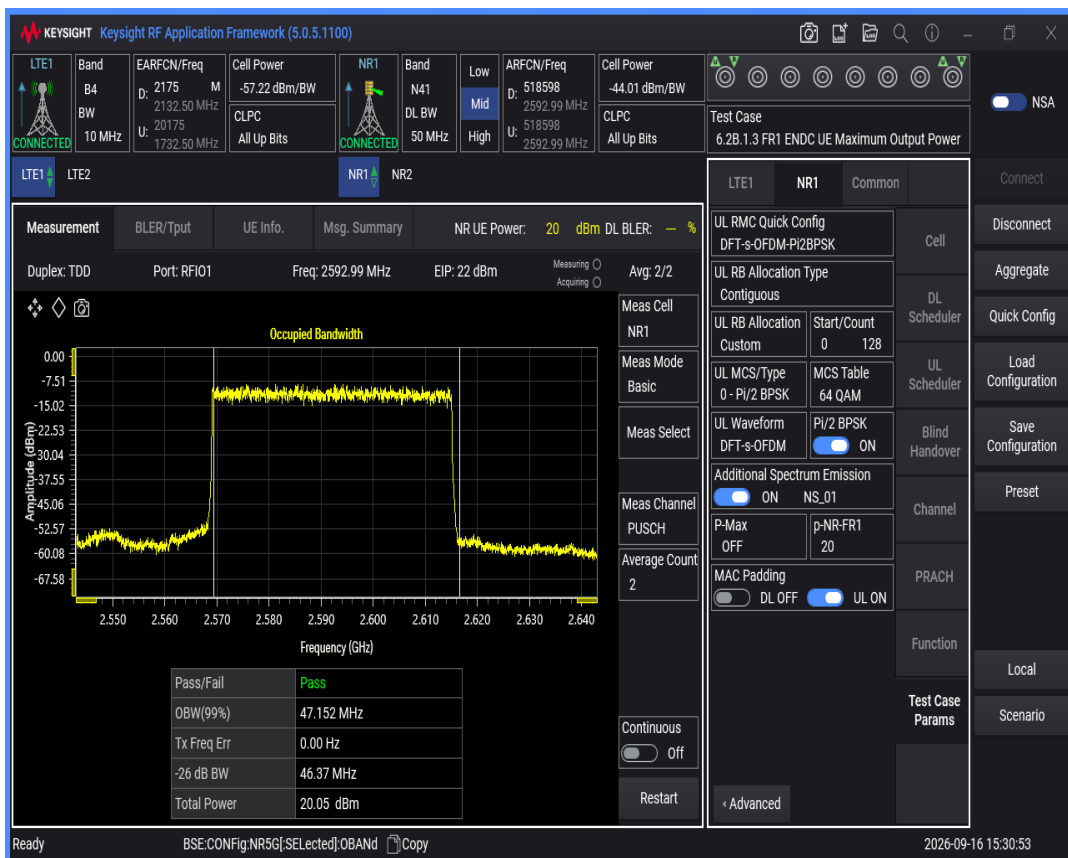
**n41 SCS=30kHz DFT\_BPSK BW=20MHz Channel=518598 RB=50@0**



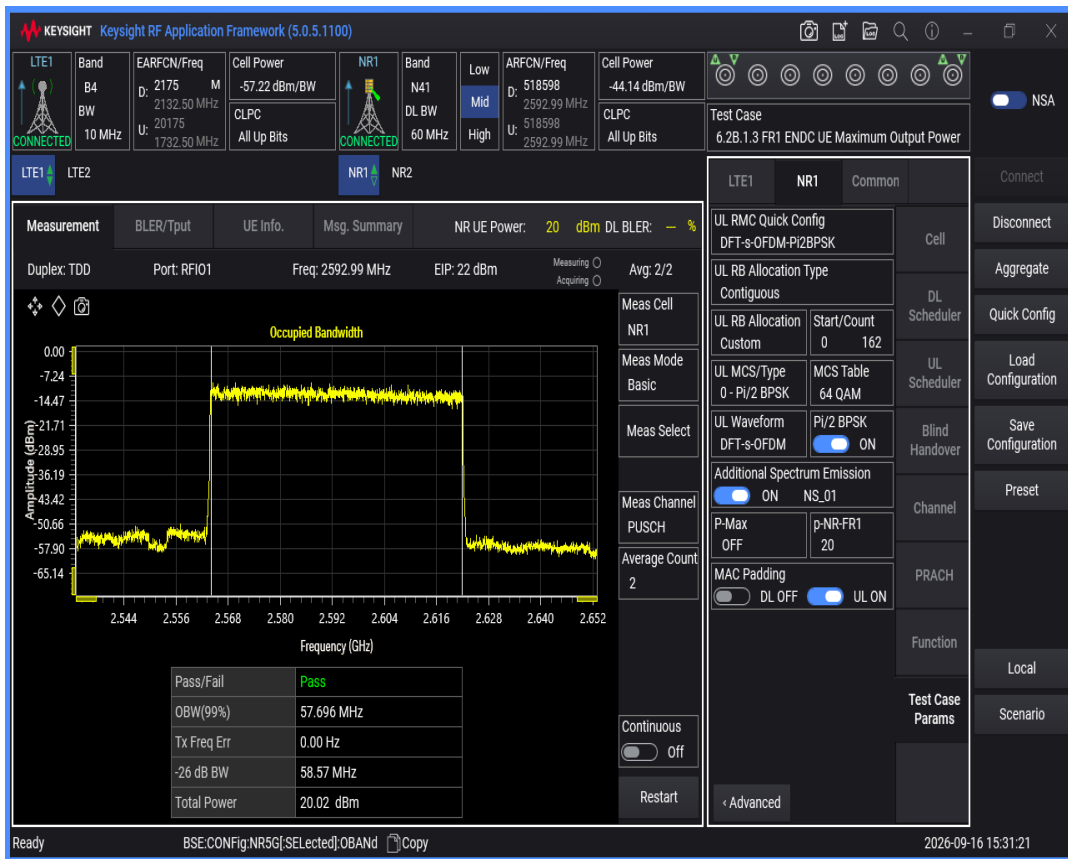
**n41 SCS=30kHz DFT\_BPSK BW=40MHz Channel=518598 RB=100@0**



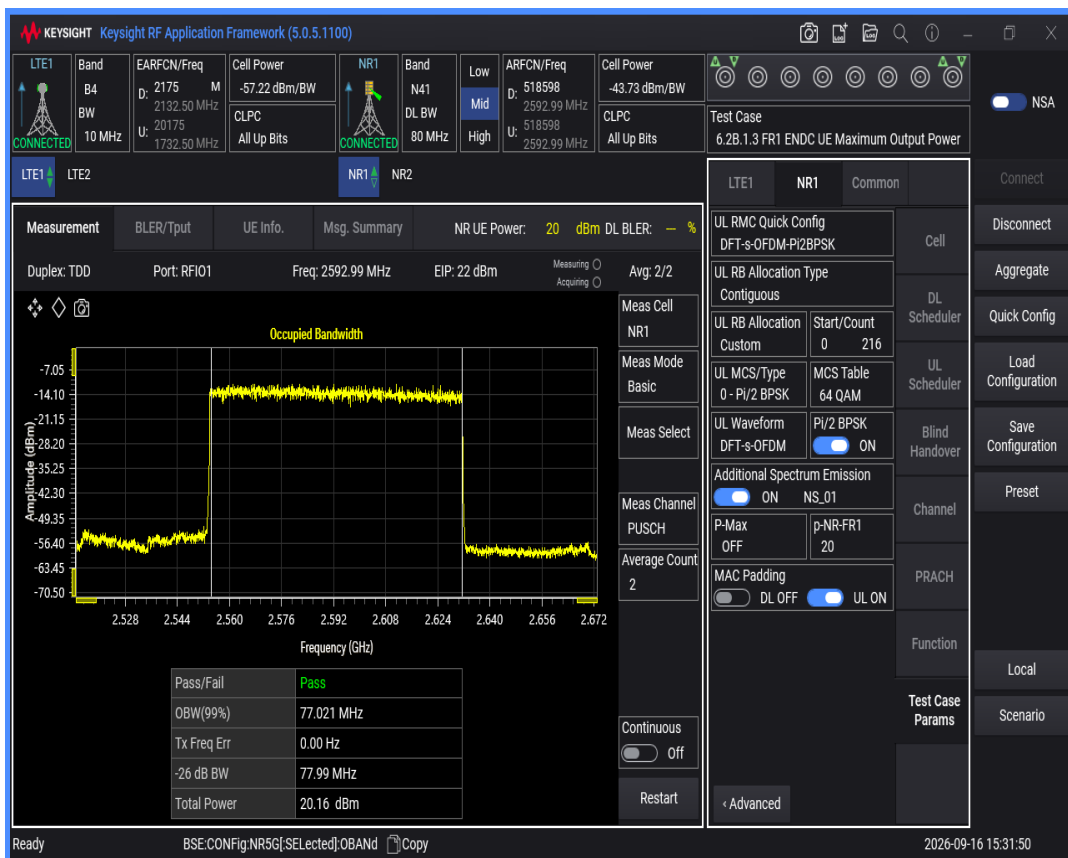
**n41 SCS=30kHz DFT\_BPSK BW=50MHz Channel=518598 RB=128@0**



**n41 SCS=30kHz DFT\_BPSK BW=60MHz Channel=518598 RB=162@0**



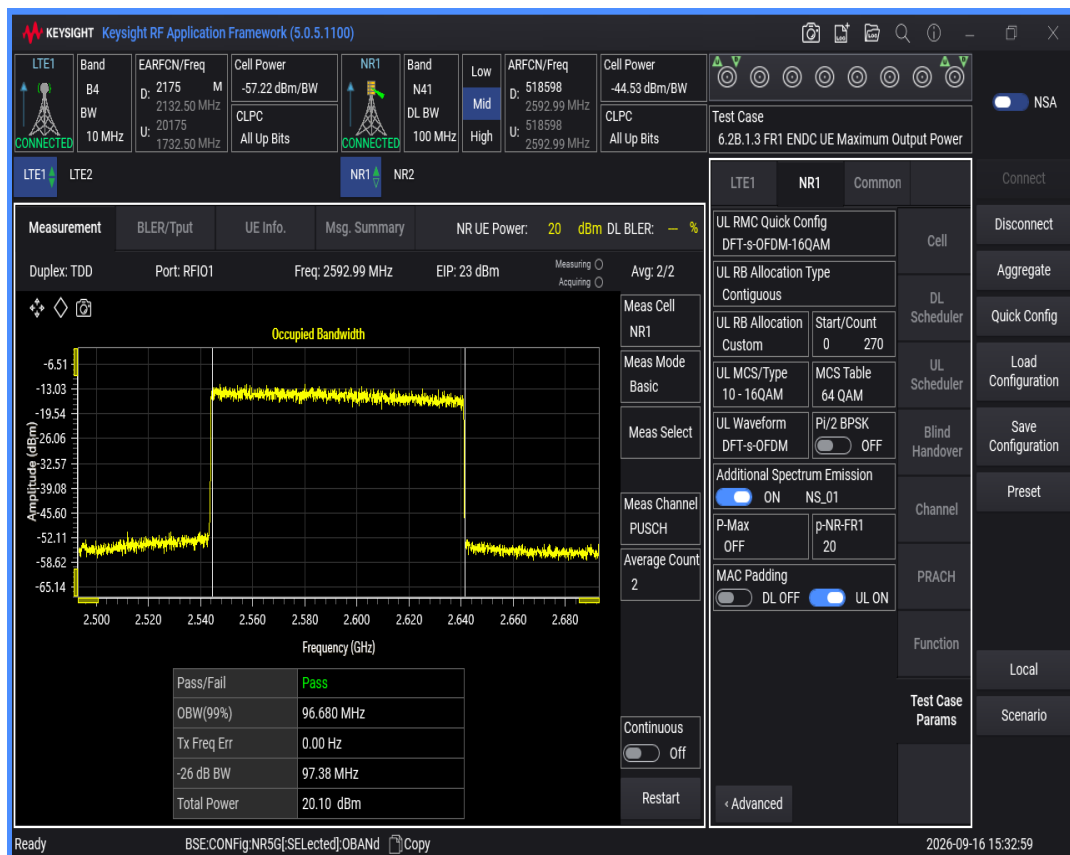
**n41 SCS=30kHz DFT\_BPSK BW=80MHz Channel=518598 RB=216@0**



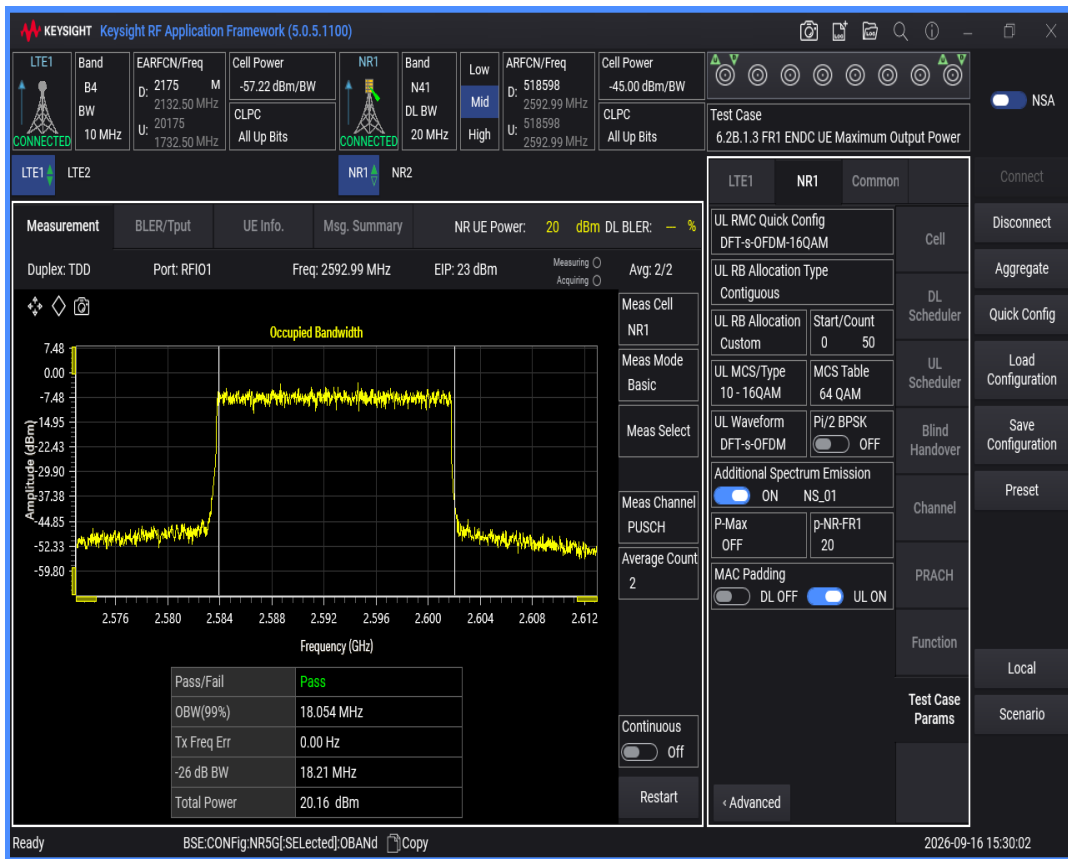
**n41 SCS=30kHz DFT\_BPSK BW=90MHz Channel=518598 RB=240@0**



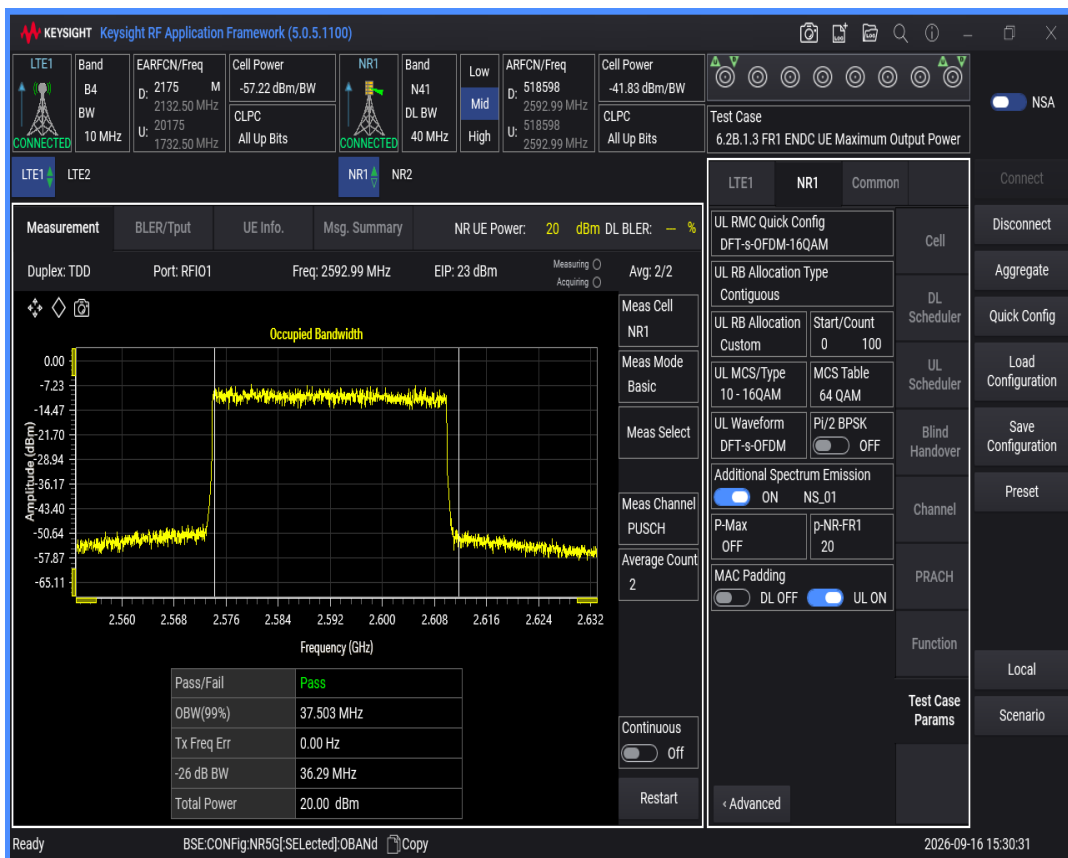
**n41 SCS=30kHz DFT\_QAM16 BW=100MHz Channel=518598 RB=270@0**



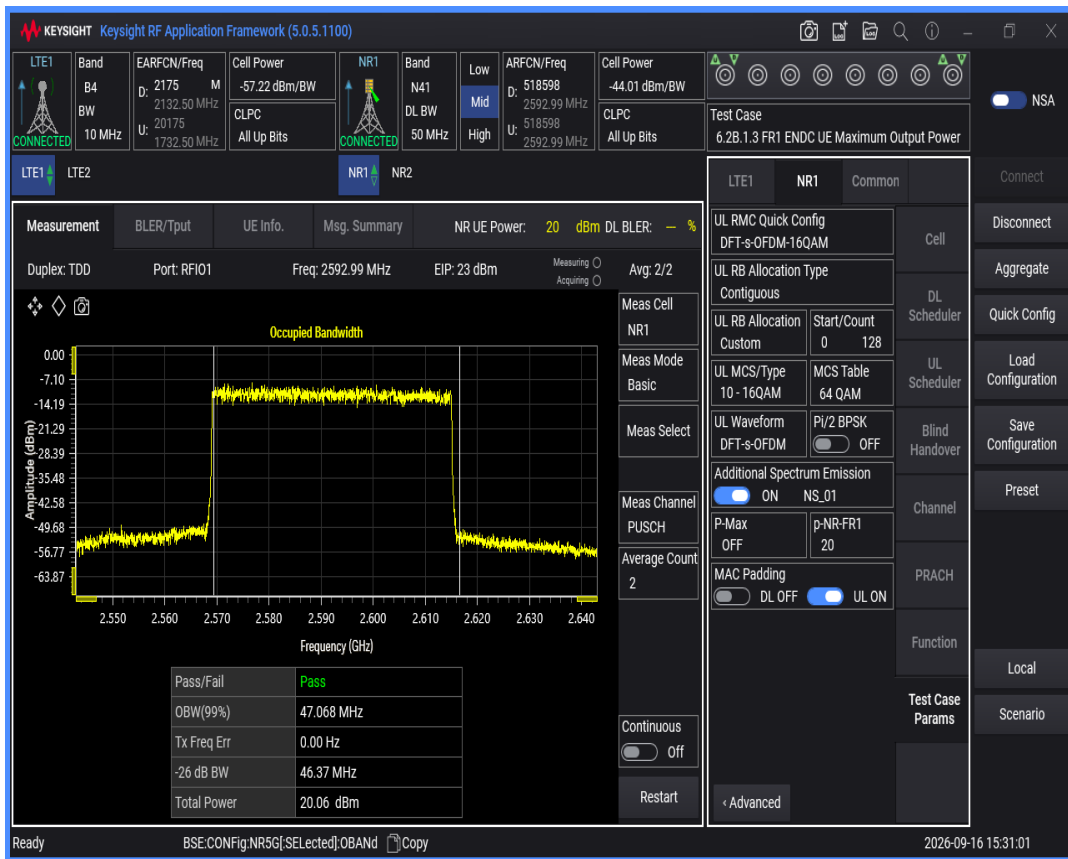
**n41 SCS=30kHz DFT\_QAM16 BW=20MHz Channel=518598 RB=50@0**



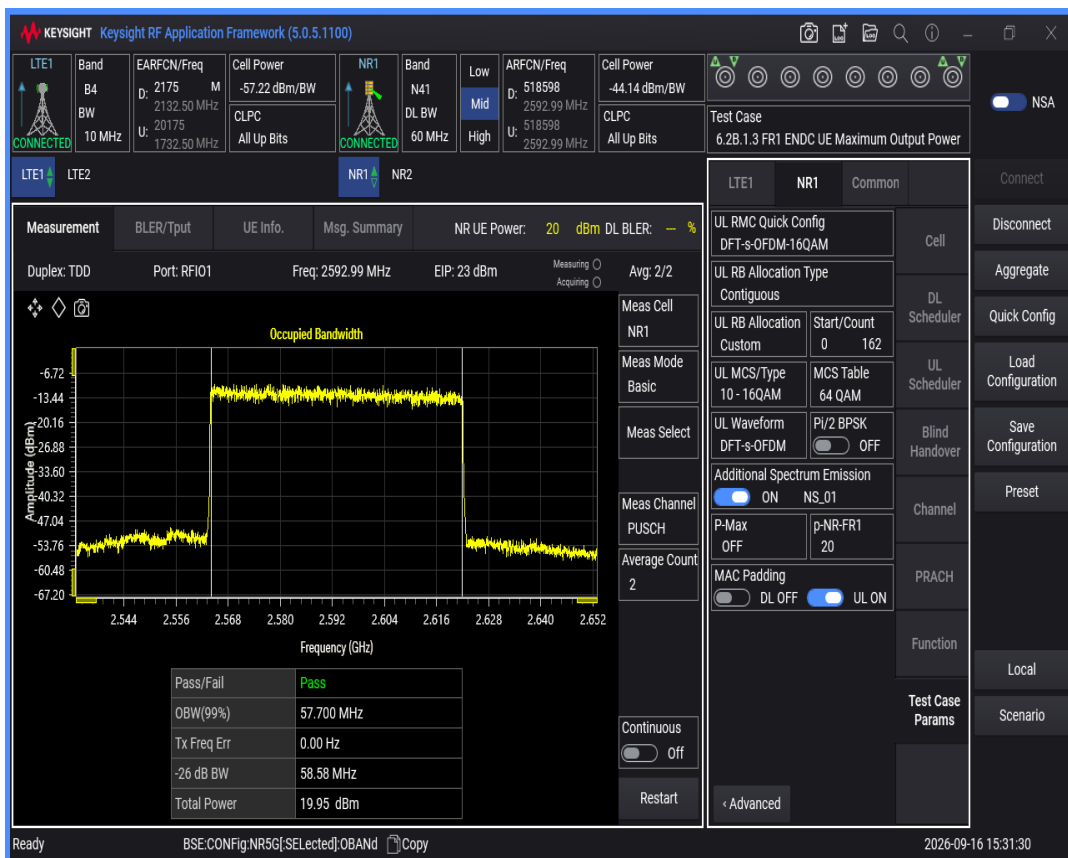
**n41 SCS=30kHz DFT\_QAM16 BW=40MHz Channel=518598 RB=100@0**



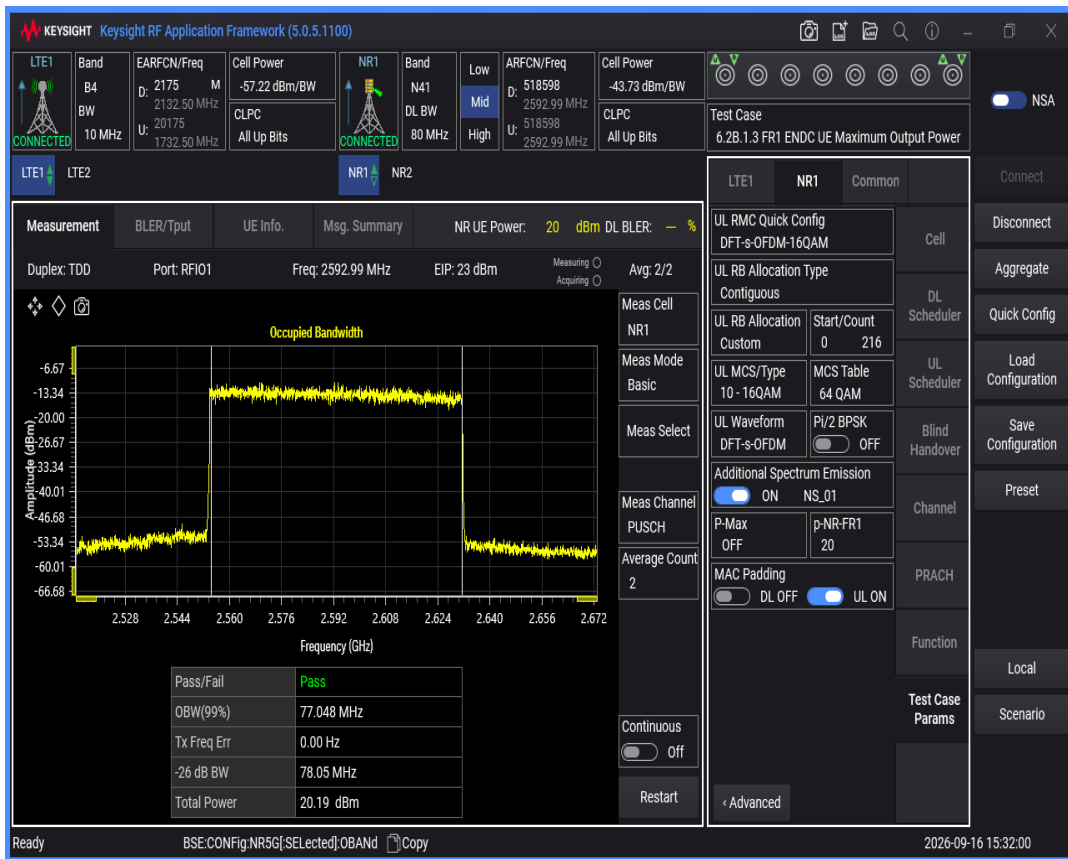
**n41 SCS=30kHz DFT\_QAM16 BW=50MHz Channel=518598 RB=128@0**



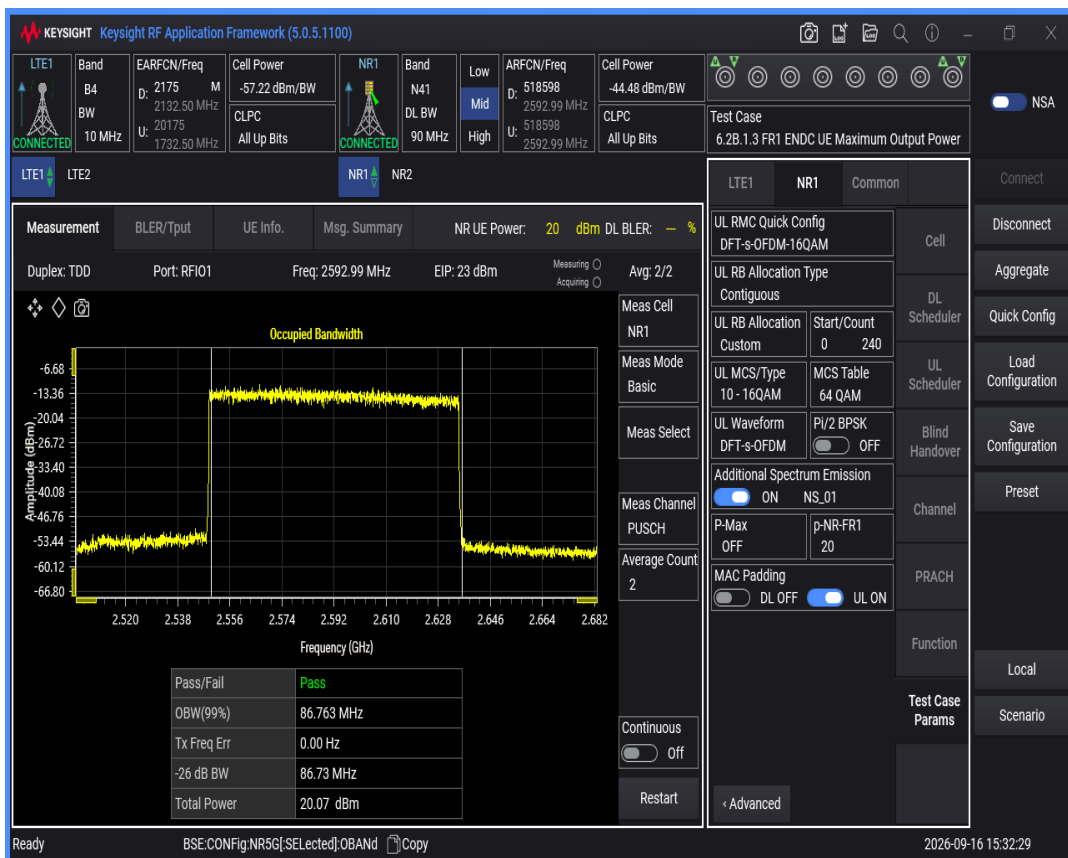
**n41 SCS=30kHz DFT\_QAM16 BW=60MHz Channel=518598 RB=162@0**



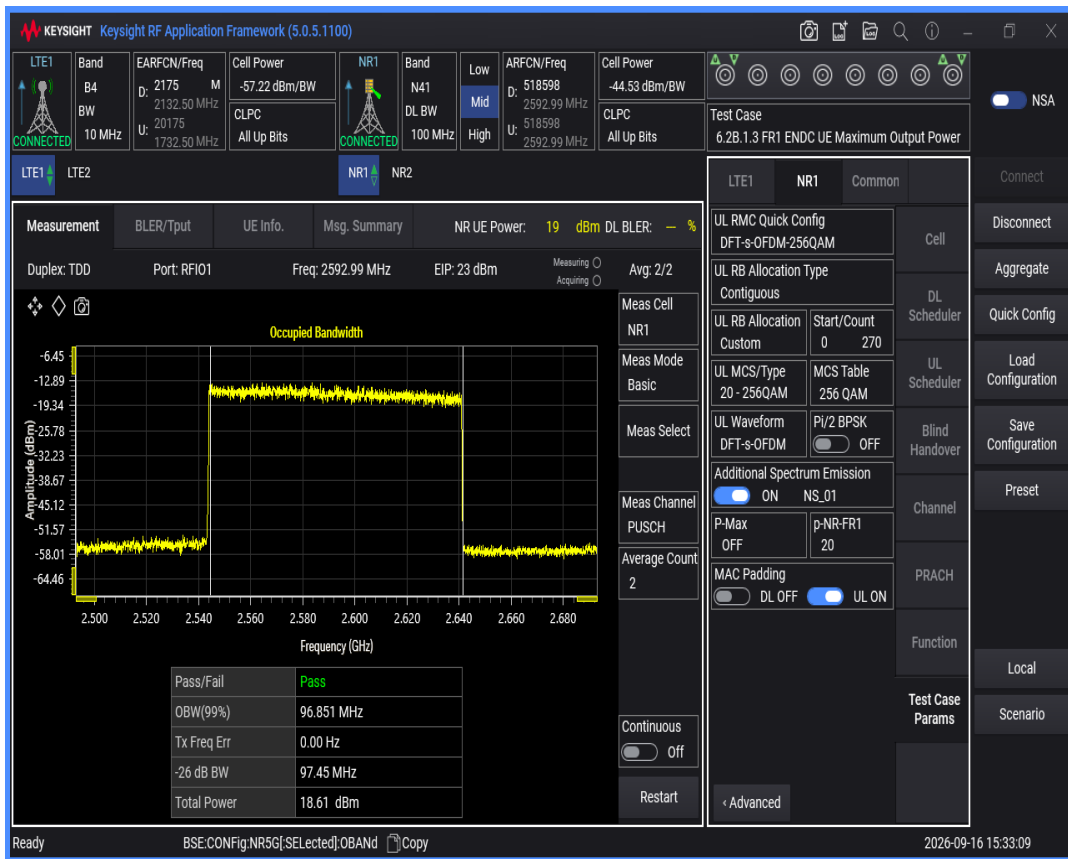
**n41 SCS=30kHz DFT\_QAM16 BW=80MHz Channel=518598 RB=216@0**



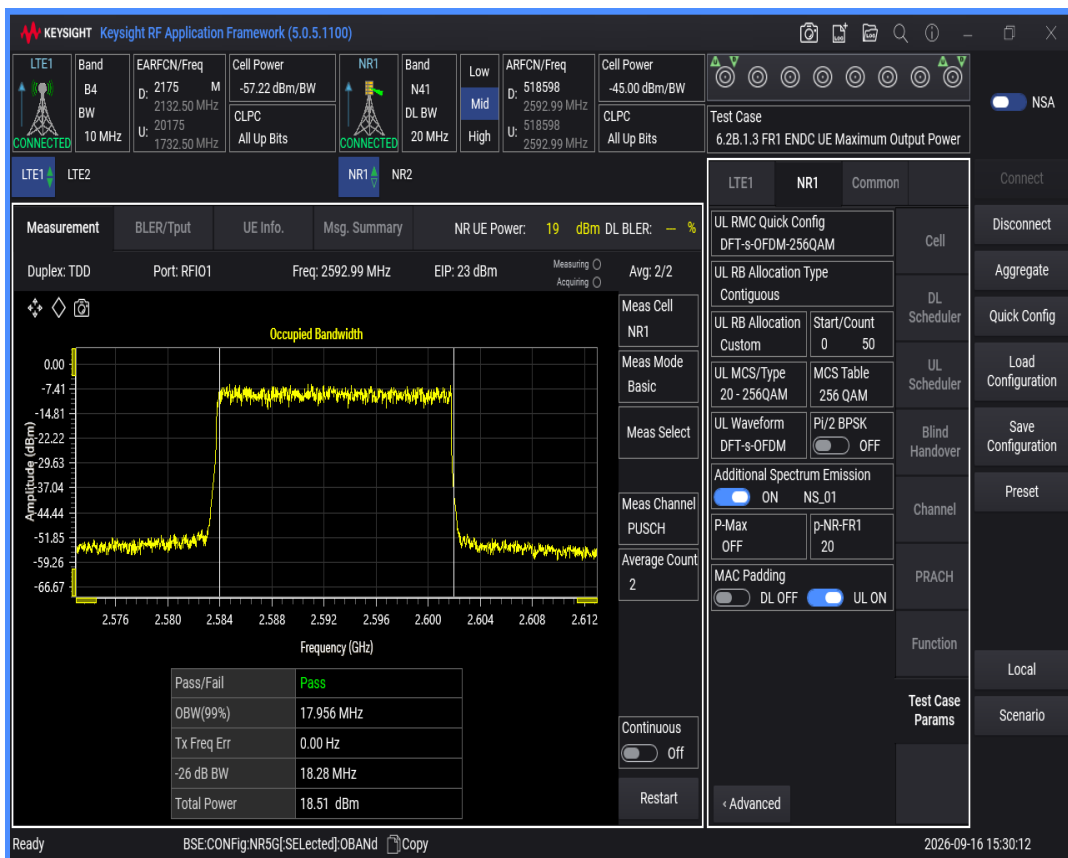
**n41 SCS=30kHz DFT\_QAM16 BW=90MHz Channel=518598 RB=240@0**



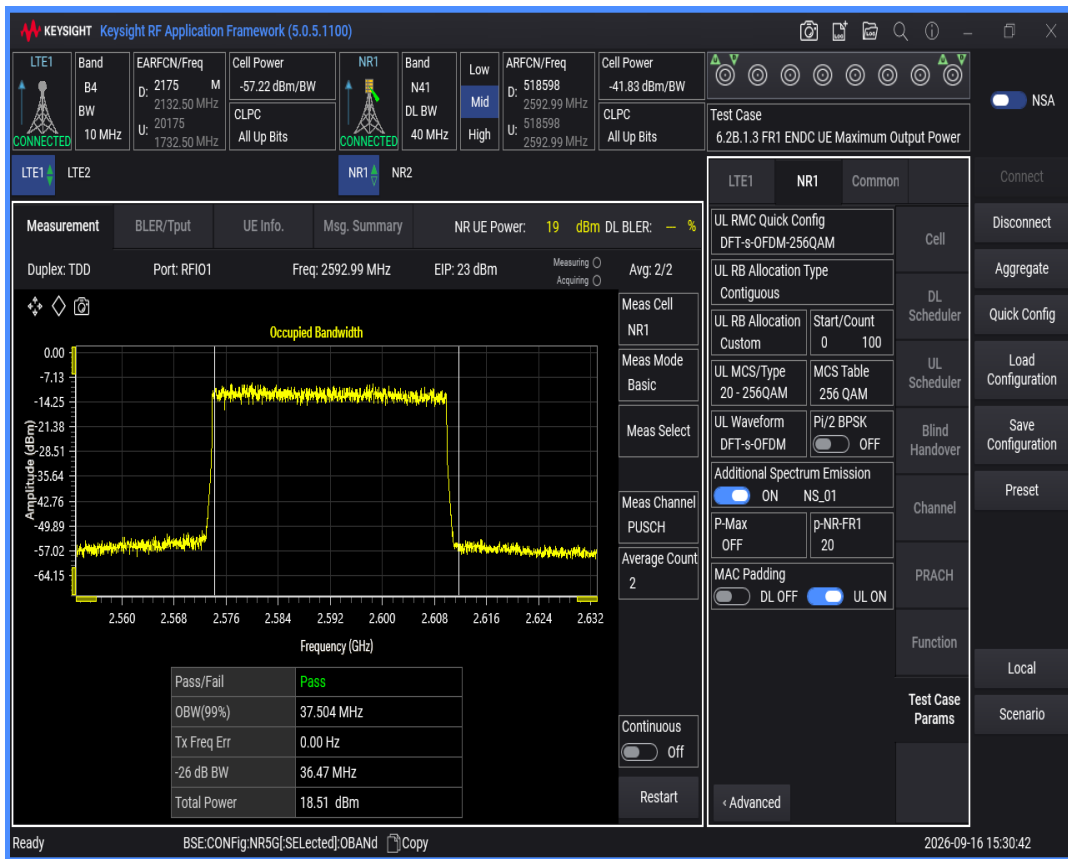
**n41 SCS=30kHz DFT\_QAM256 BW=100MHz Channel=518598 RB=270@0**



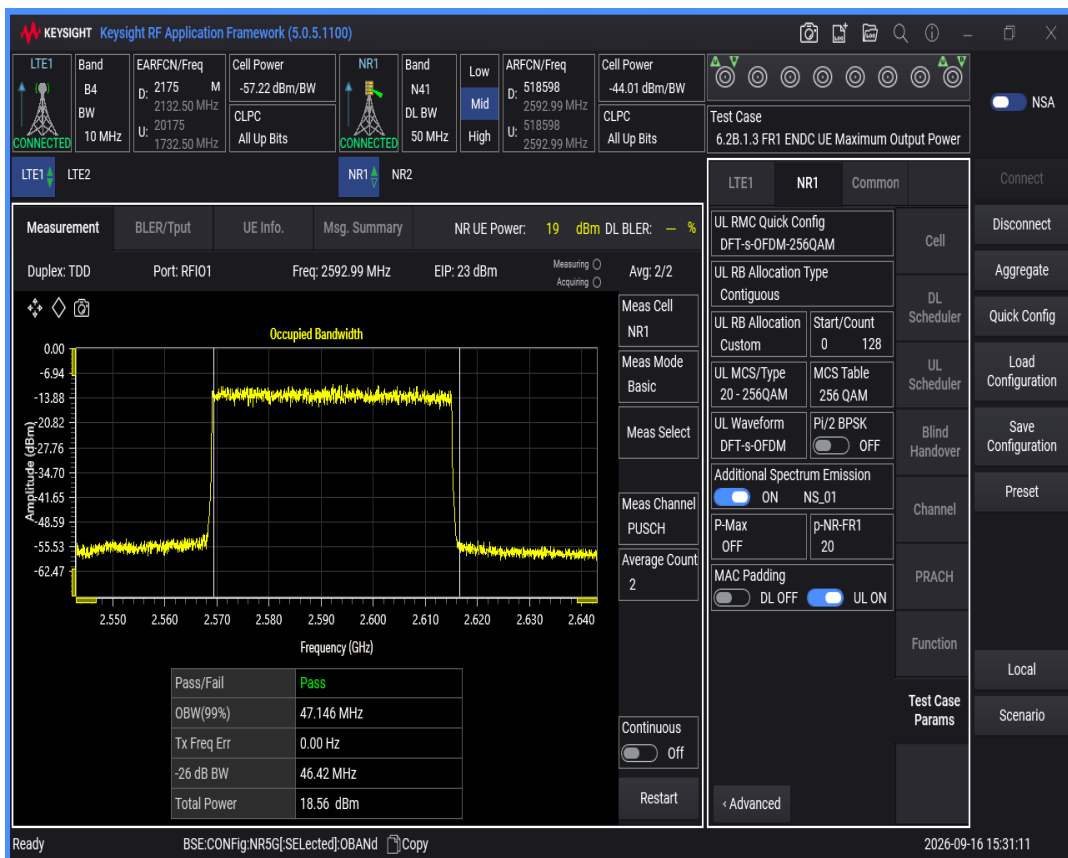
**n41 SCS=30kHz DFT\_QAM256 BW=20MHz Channel=518598 RB=50@0**



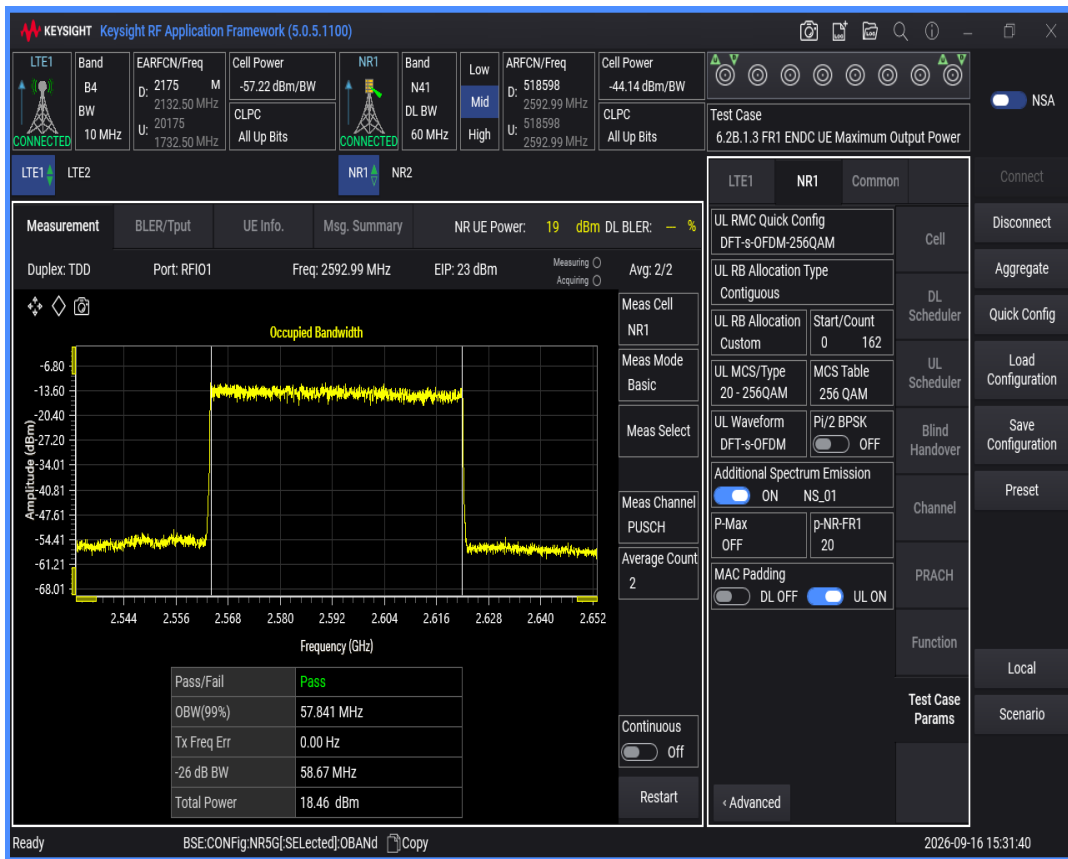
**n41 SCS=30kHz DFT\_QAM256 BW=40MHz Channel=518598 RB=100@0**



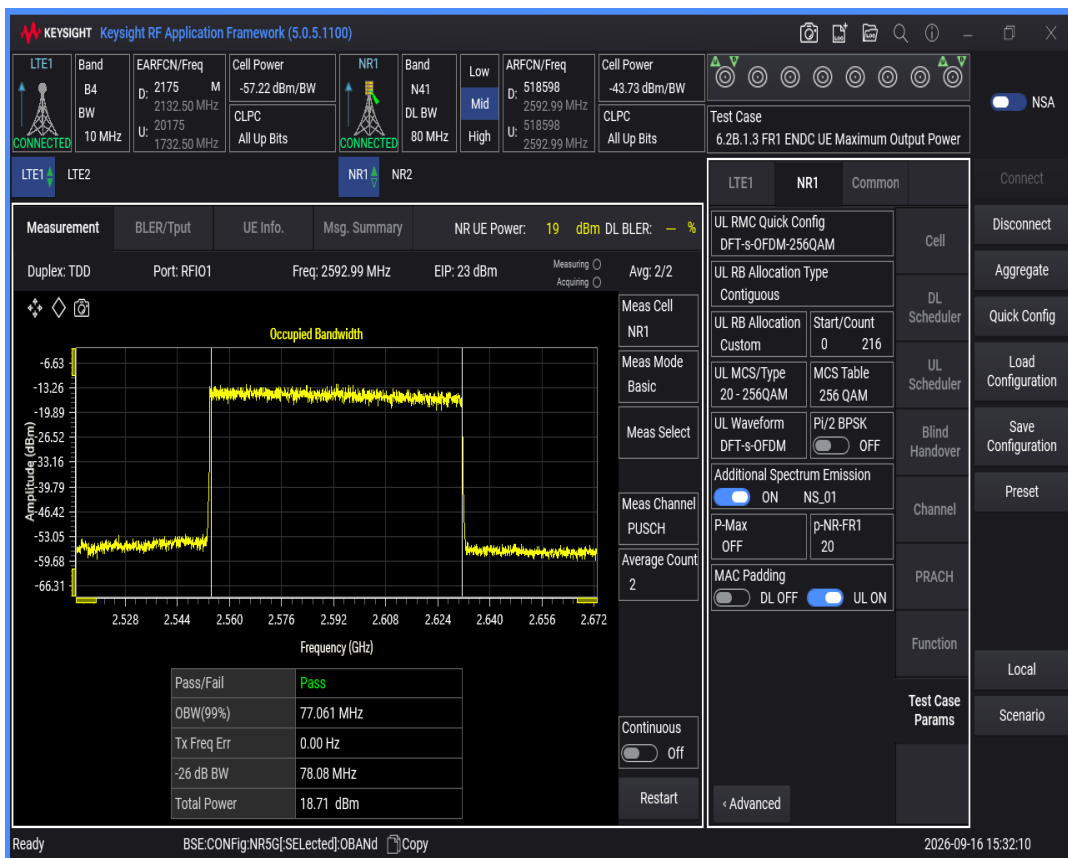
**n41 SCS=30kHz DFT\_QAM256 BW=50MHz Channel=518598 RB=128@0**



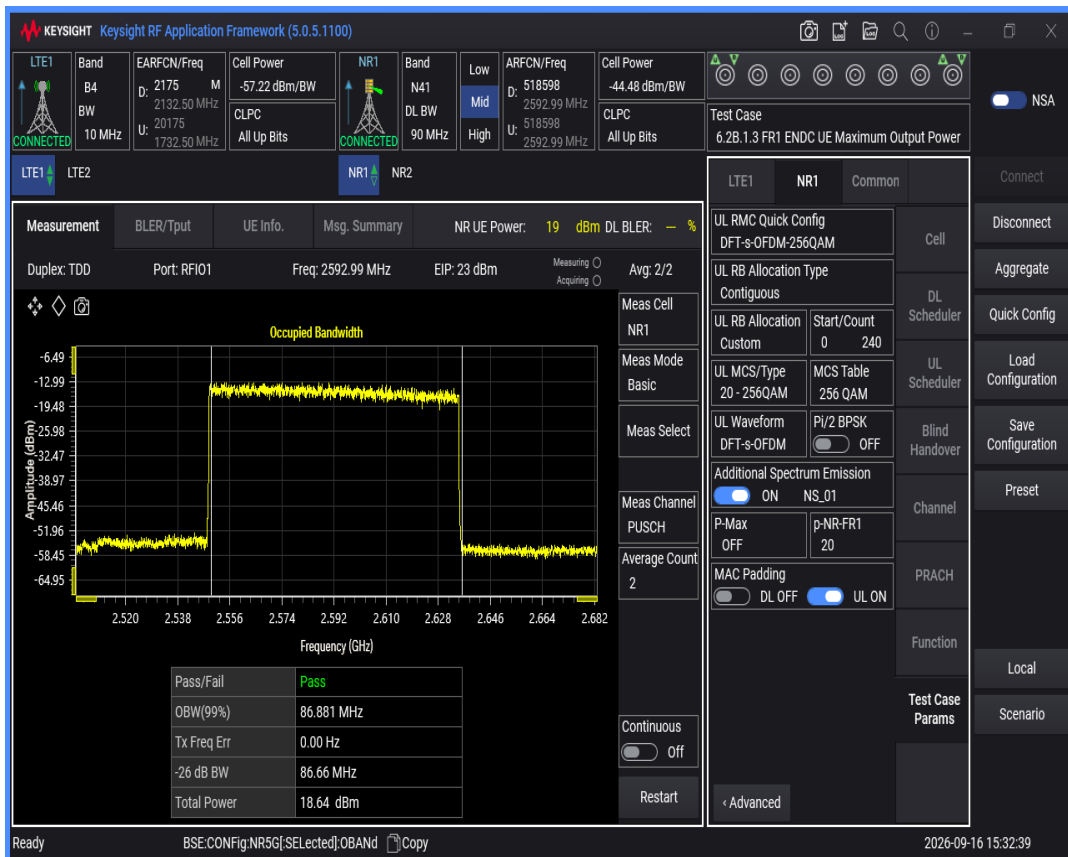
**n41 SCS=30kHz DFT\_QAM256 BW=60MHz Channel=518598 RB=162@0**



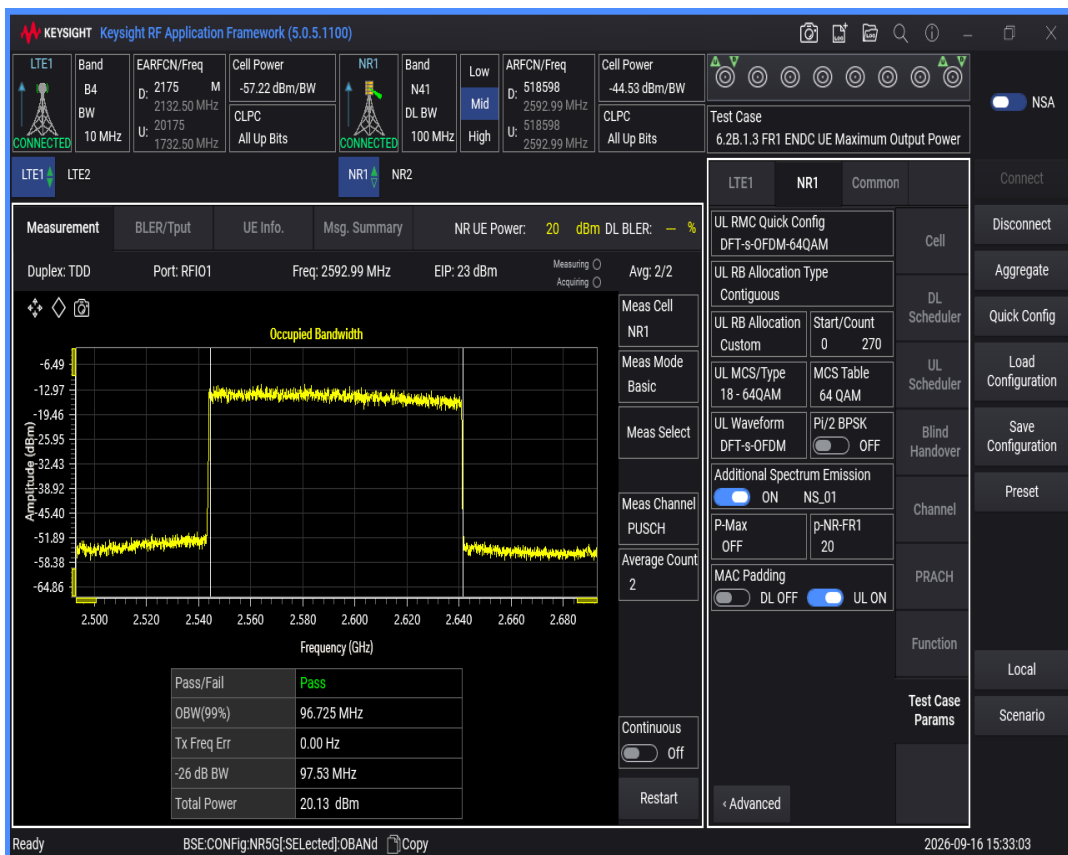
**n41 SCS=30kHz DFT\_QAM256 BW=80MHz Channel=518598 RB=216@0**



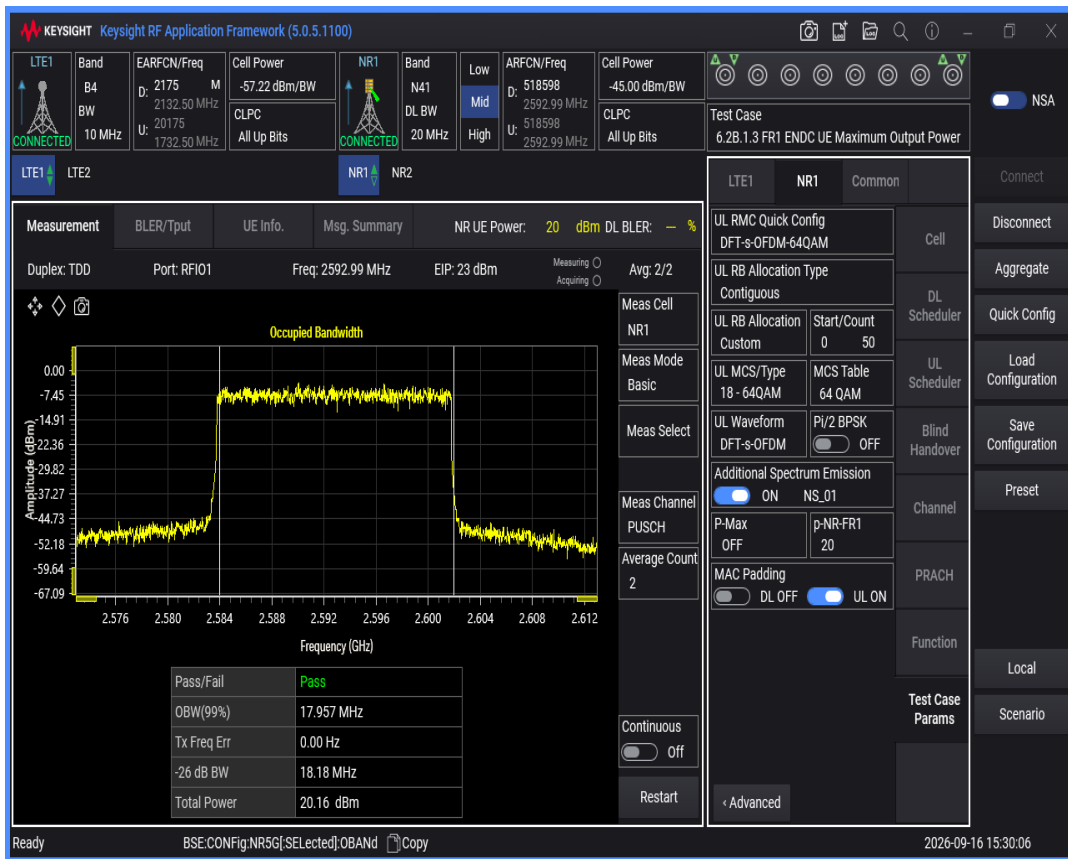
**n41 SCS=30kHz DFT\_QAM256 BW=90MHz Channel=518598 RB=240@0**



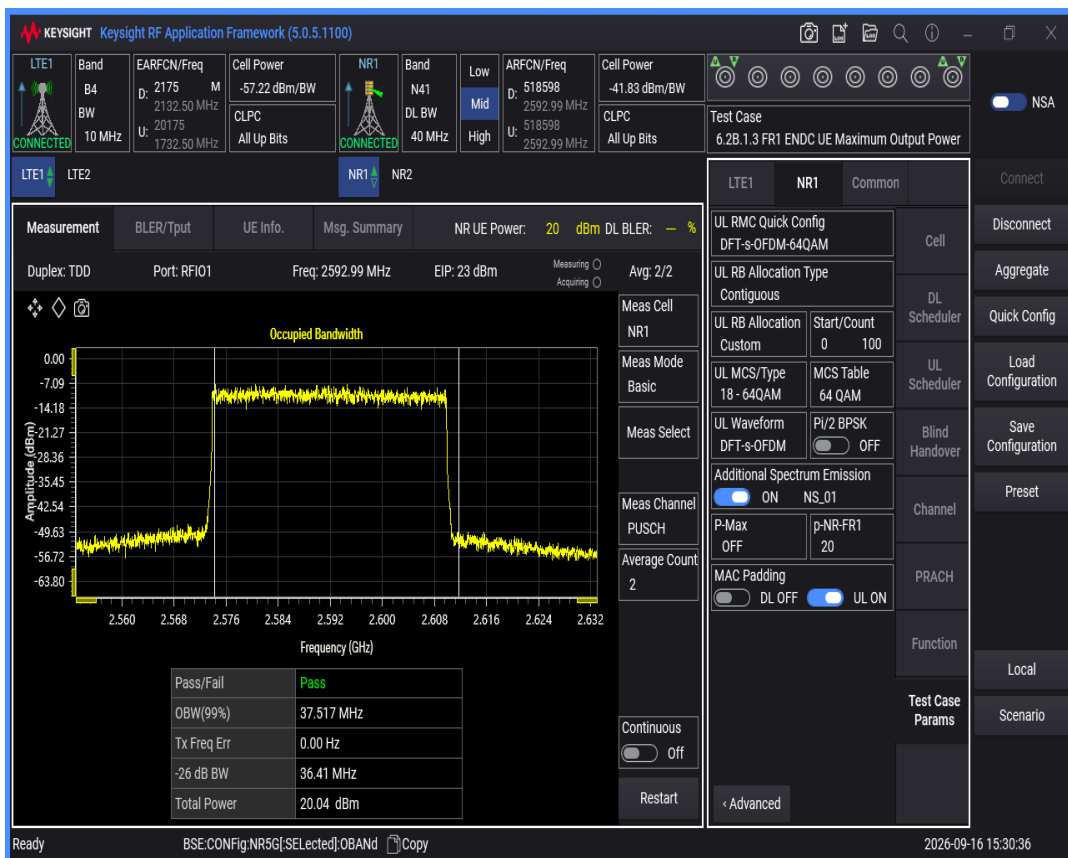
n41 SCS=30kHz DFT\_QAM64 BW=100MHz Channel=518598 RB=270@0



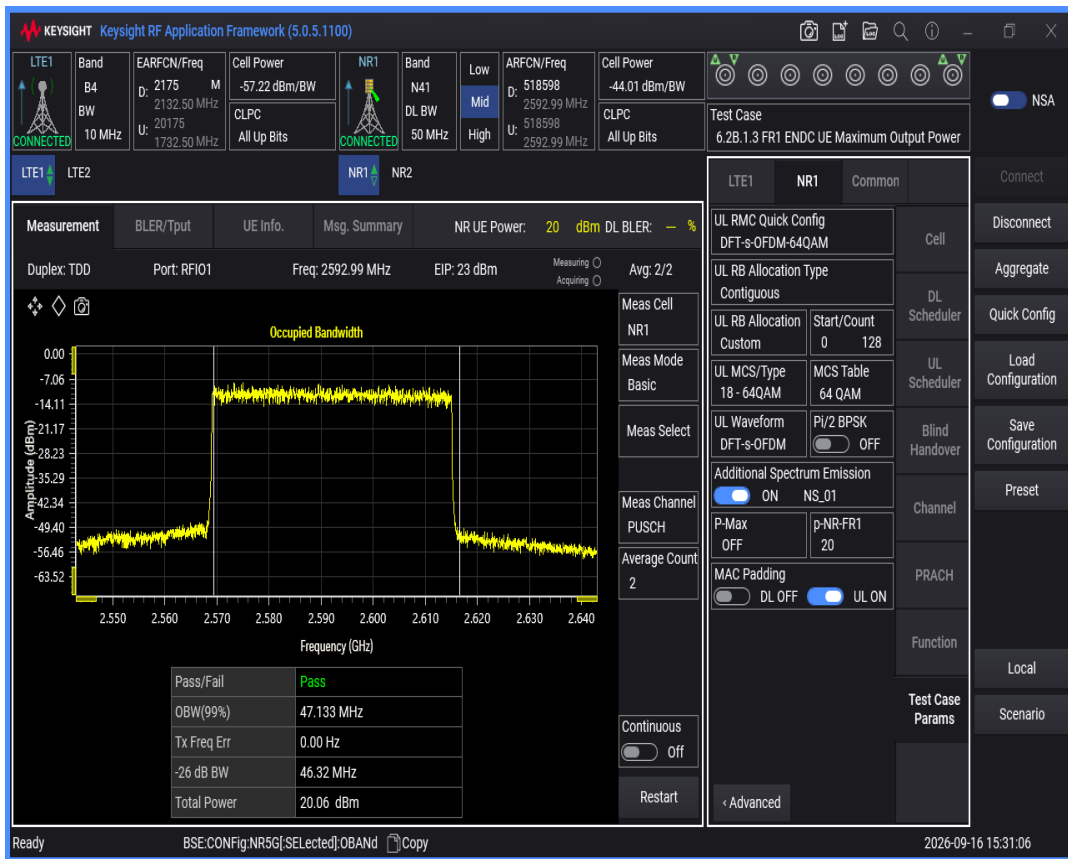
n41 SCS=30kHz DFT\_QAM64 BW=20MHz Channel=518598 RB=50@0



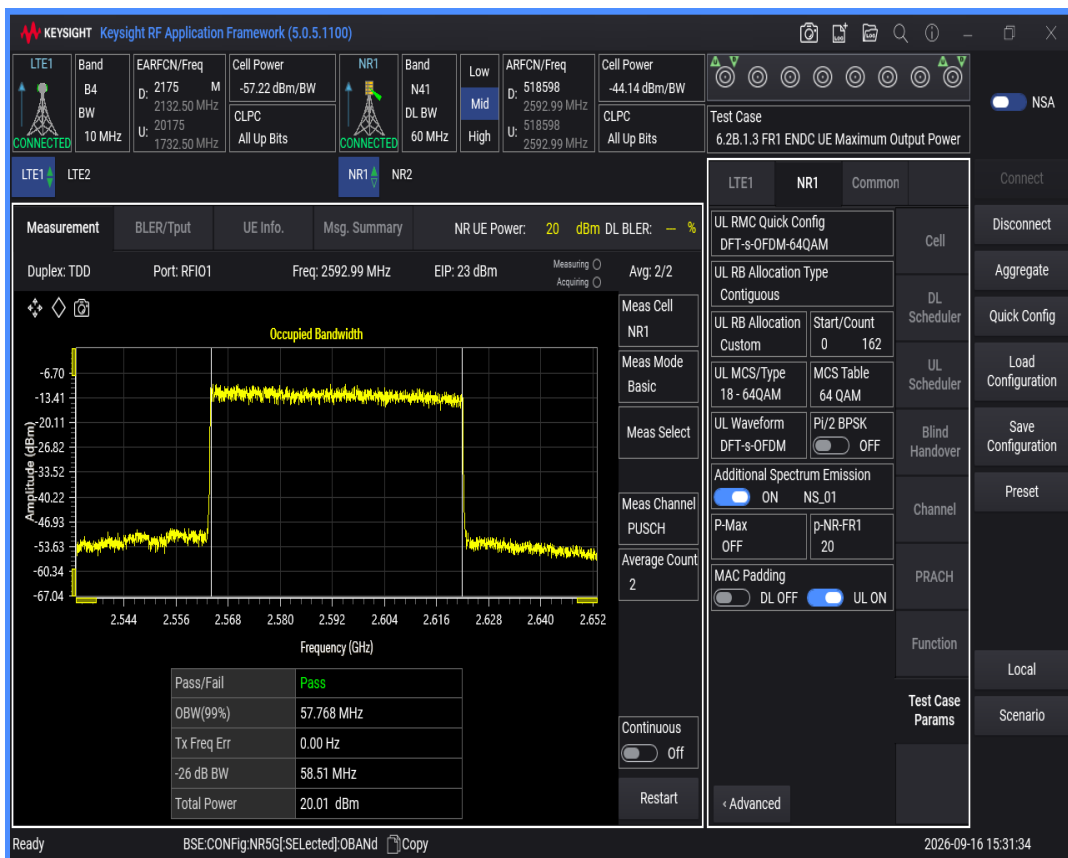
**n41 SCS=30kHz DFT\_QAM64 BW=40MHz Channel=518598 RB=100@0**



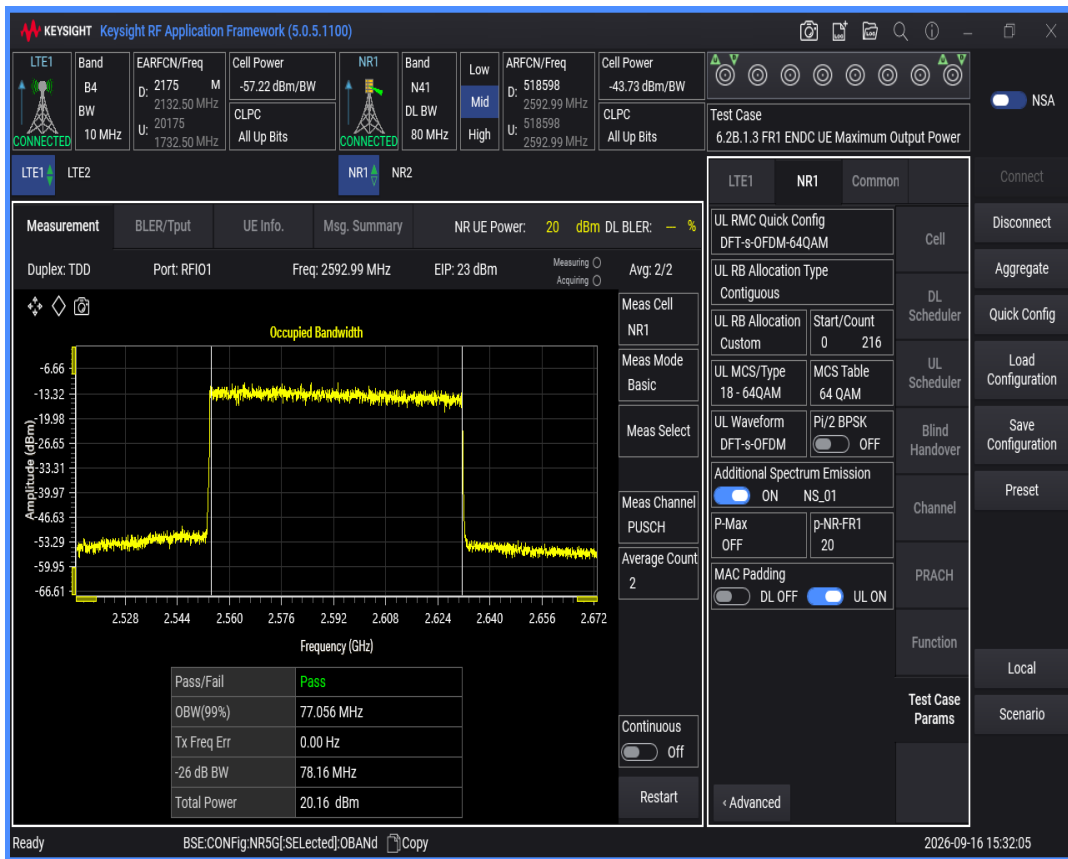
**n41 SCS=30kHz DFT\_QAM64 BW=50MHz Channel=518598 RB=128@0**



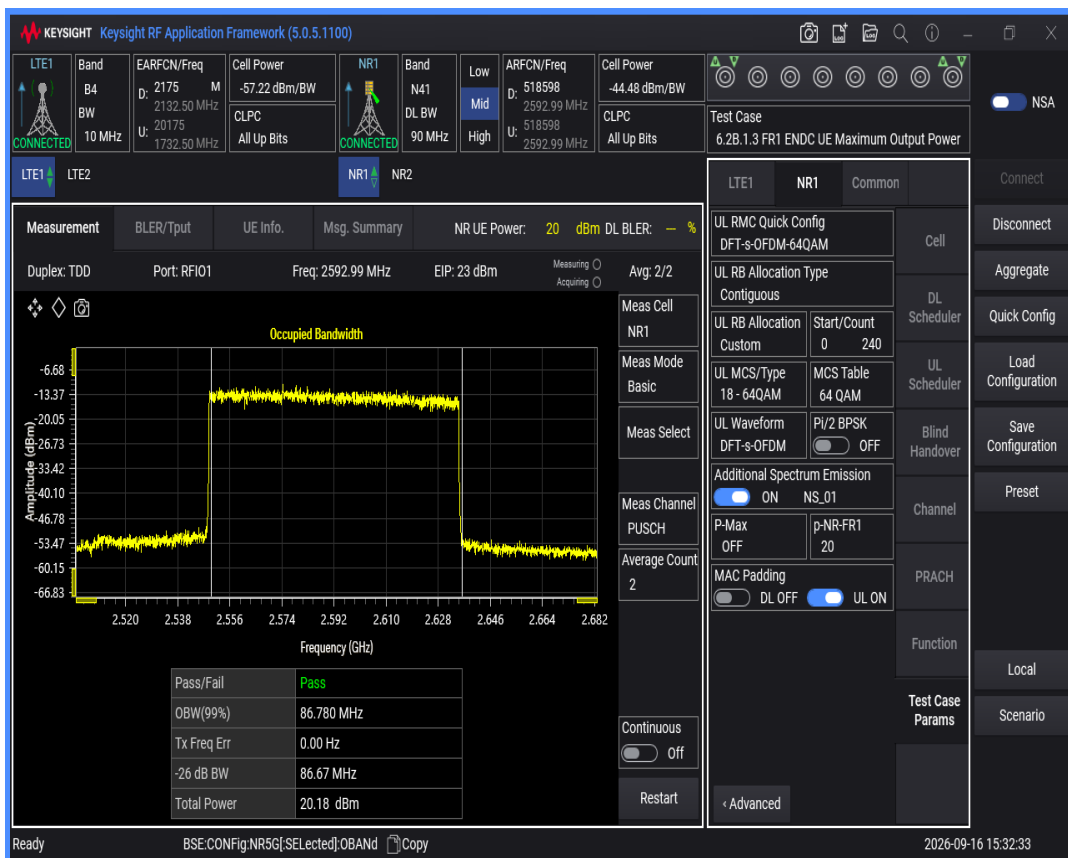
**n41 SCS=30kHz DFT\_QAM64 BW=60MHz Channel=518598 RB=162@0**



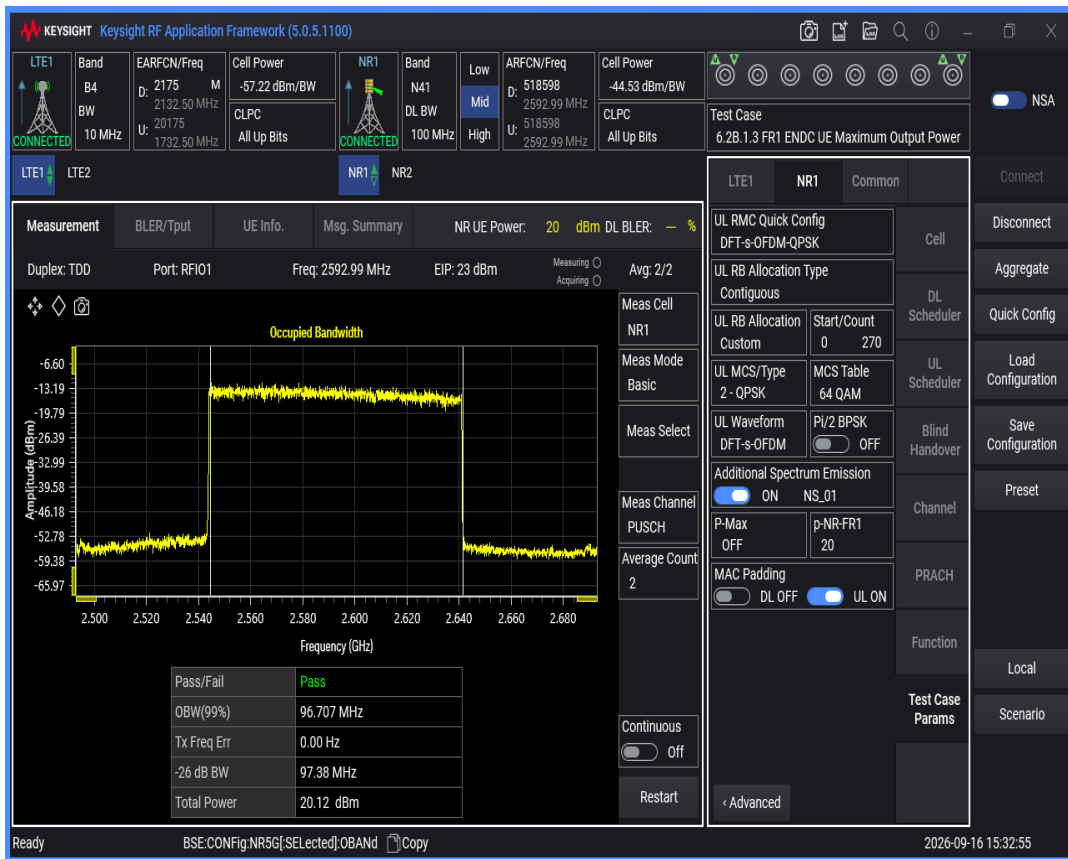
**n41 SCS=30kHz DFT\_QAM64 BW=80MHz Channel=518598 RB=216@0**



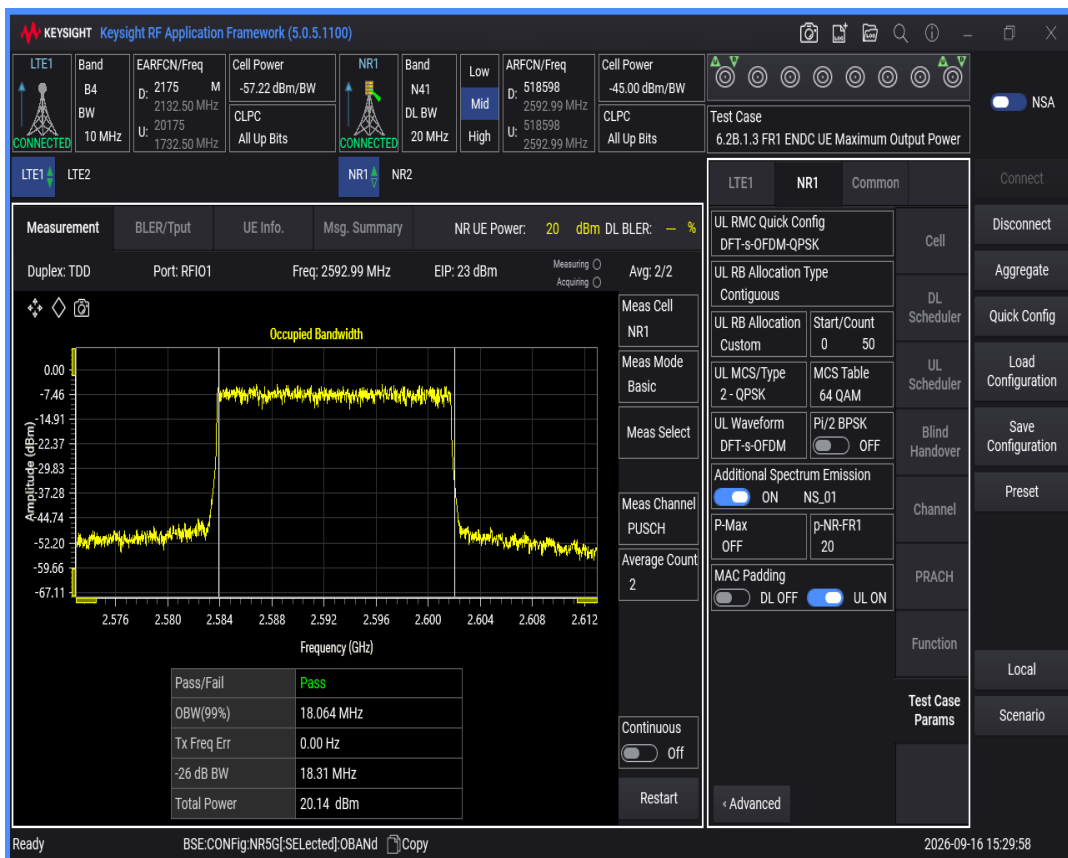
**n41 SCS=30kHz DFT\_QAM64 BW=90MHz Channel=518598 RB=240@0**



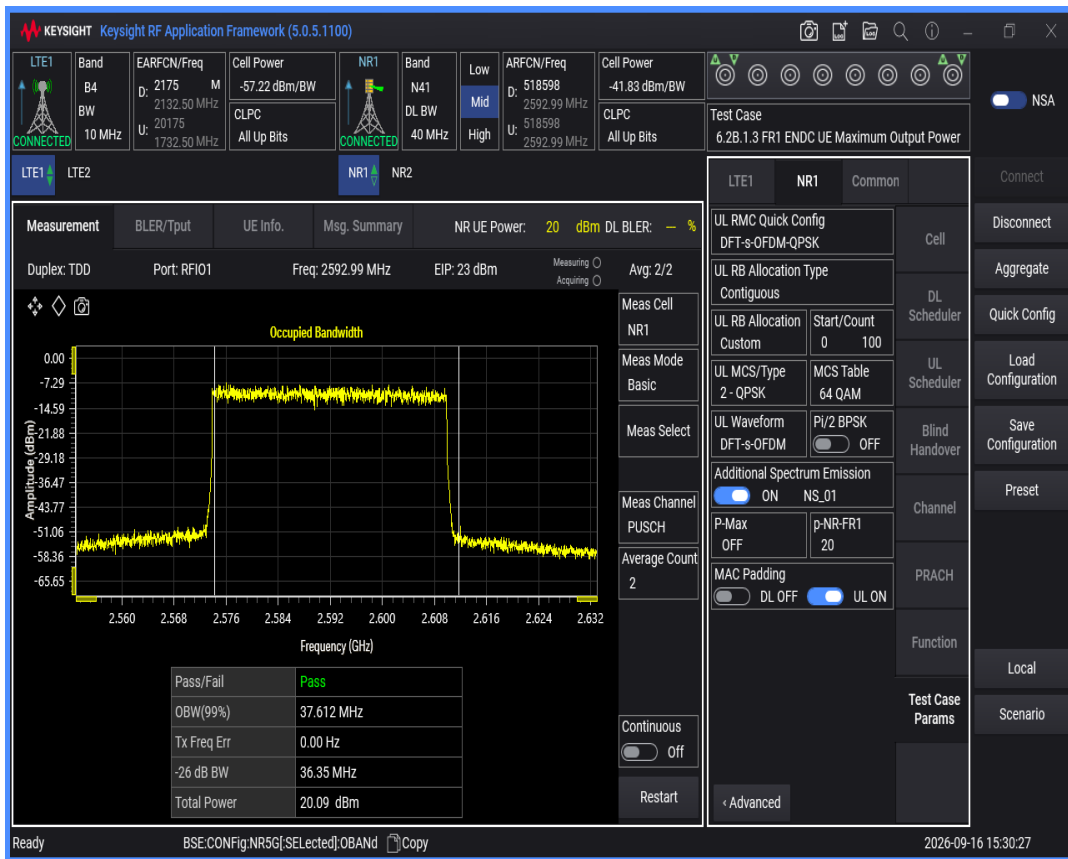
**n41 SCS=30kHz DFT\_QPSK BW=100MHz Channel=518598 RB=270@0**



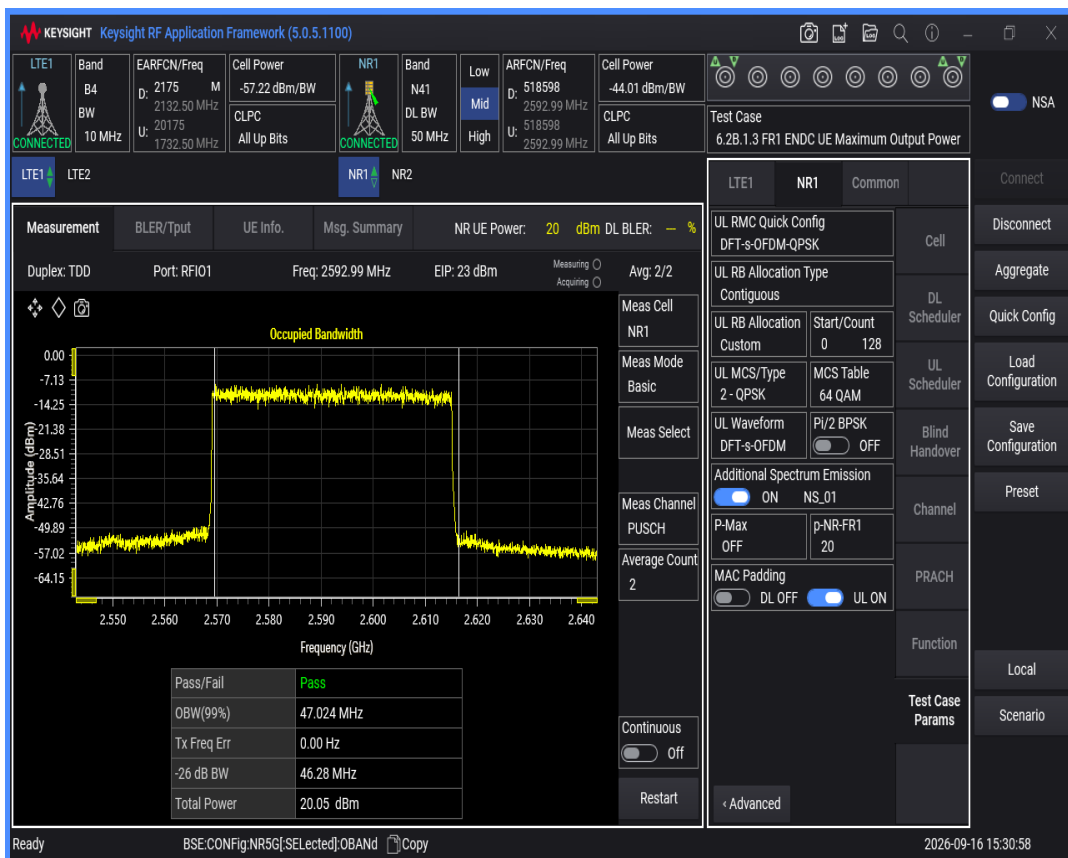
**n41 SCS=30kHz DFT\_QPSK BW=20MHz Channel=518598 RB=50@0**



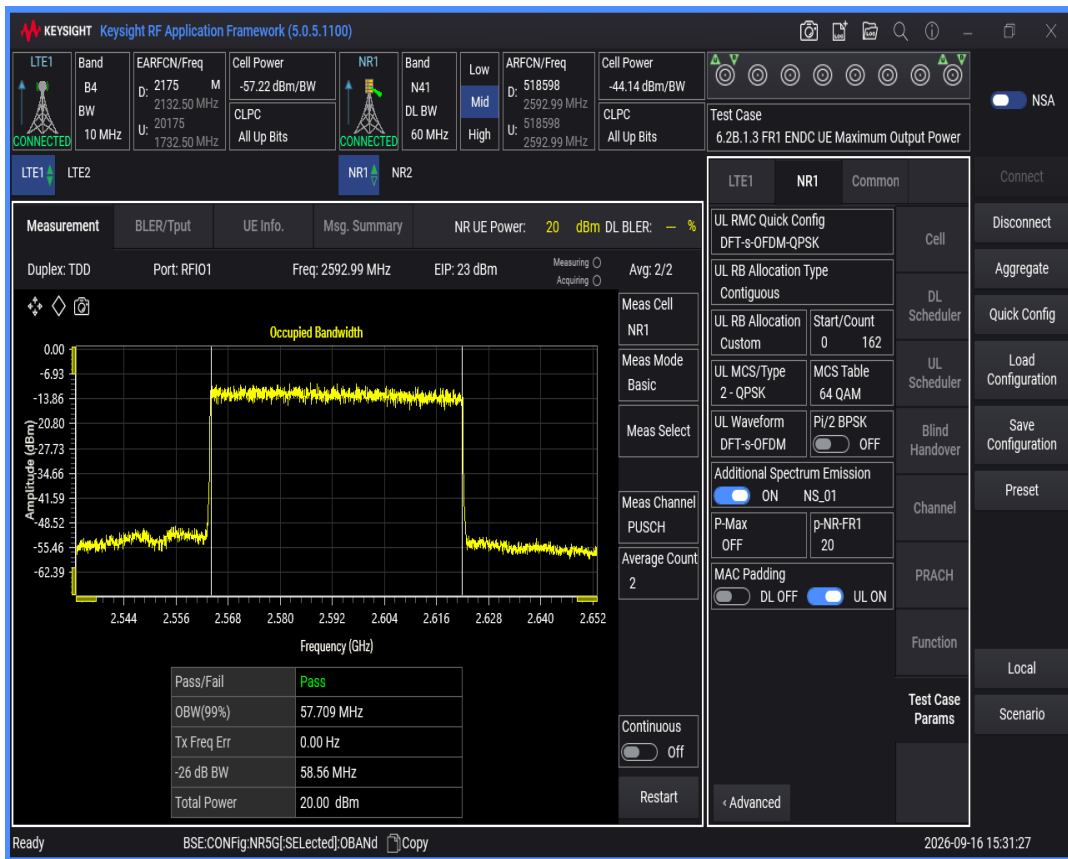
**n41 SCS=30kHz DFT\_QPSK BW=40MHz Channel=518598 RB=100@0**



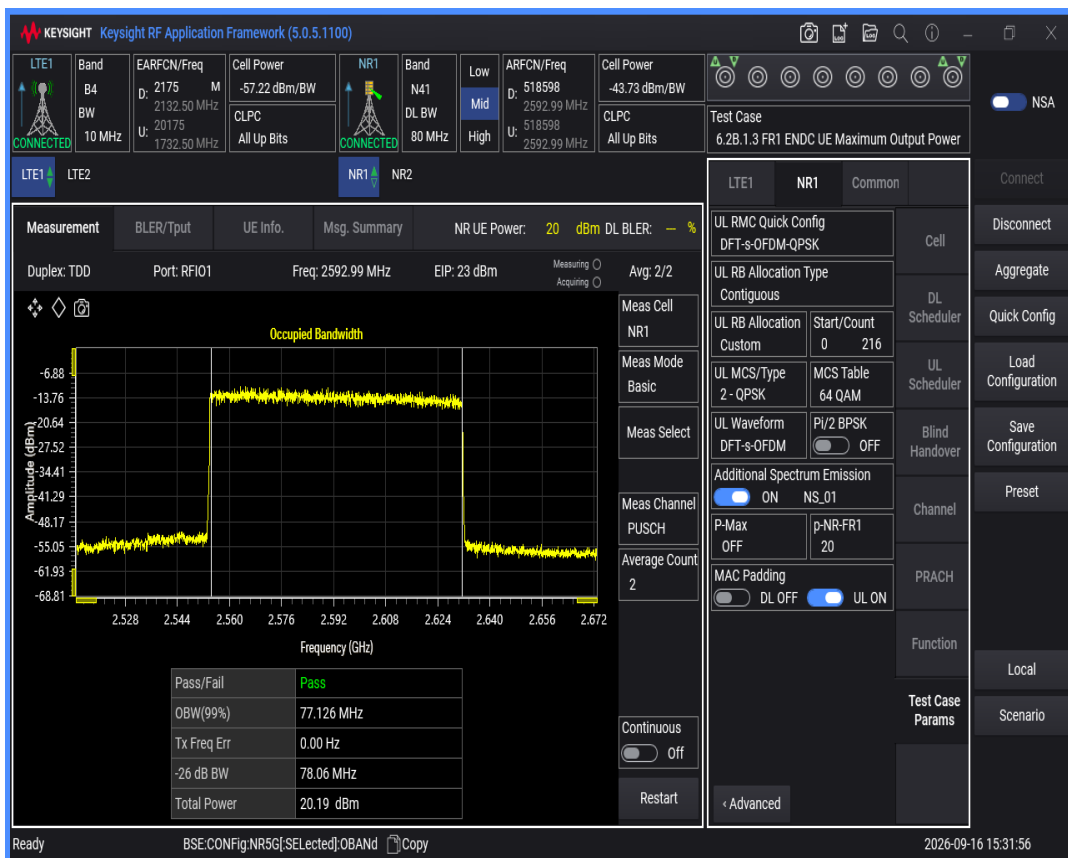
***n41 SCS=30kHz DFT\_QPSK BW=50MHz Channel=518598 RB=128@0***



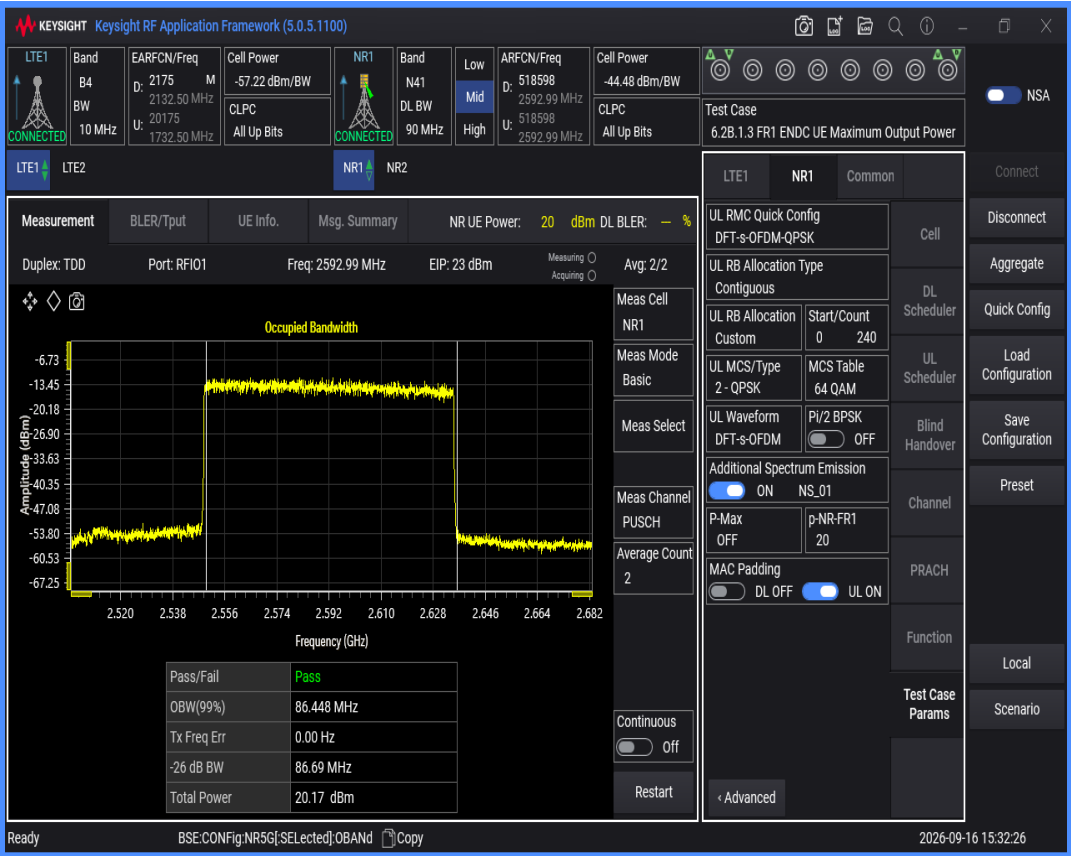
***n41 SCS=30kHz DFT\_QPSK BW=60MHz Channel=518598 RB=162@0***



**n41 SCS=30kHz DFT\_QPSK BW=80MHz Channel=518598 RB=216@0**



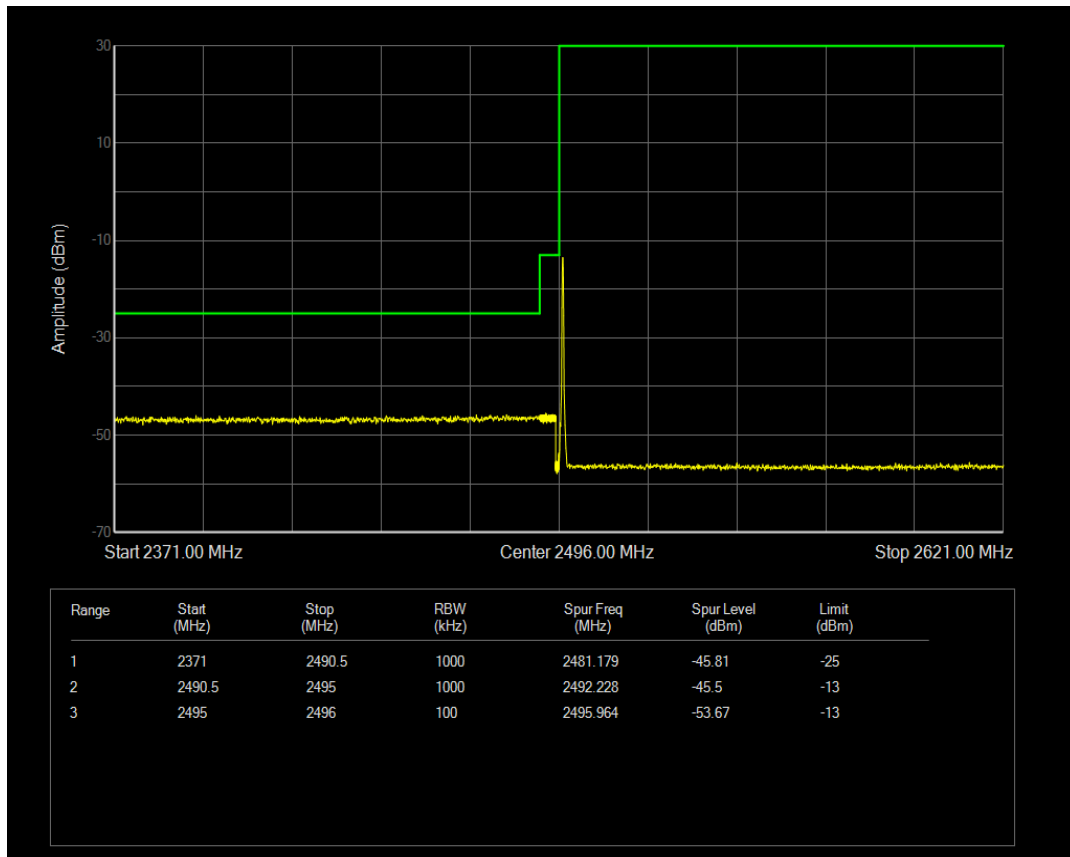
**n41 SCS=30kHz DFT\_QPSK BW=90MHz Channel=518598 RB=240@0**



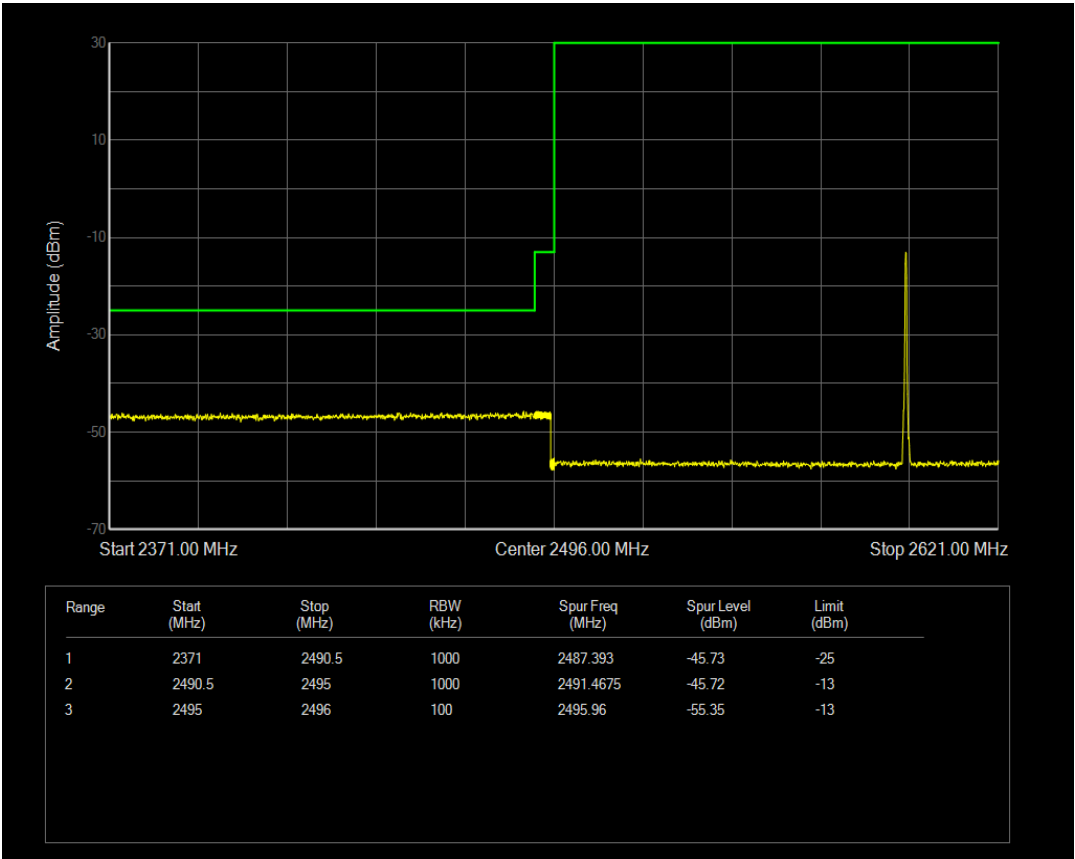
## 5 Band edge for EN-DC

| Band | SCS (kHz) | Bandwidth (MHz) | UL Channel | RB Allocation | Modulation | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) | Verdict |
|------|-----------|-----------------|------------|---------------|------------|-----------------|------------------|-------------|---------|
| n41  | 30        | 20              | 501204     | 51@0          | CP_QPSK    | 2489.95         | -45.38           | -25         | PASS    |
| n41  | 30        | 20              | 501204     | 1@0           | CP_QPSK    | 2479.87         | -45.59           | -25         | PASS    |
| n41  | 30        | 20              | 501204     | 1@50          | CP_QPSK    | 2488.88         | -45.60           | -25         | PASS    |
| n41  | 30        | 20              | 535998     | 51@0          | CP_QPSK    | 2711.01         | -45.80           | -25         | PASS    |
| n41  | 30        | 20              | 535998     | 1@0           | CP_QPSK    | 2711.38         | -45.83           | -25         | PASS    |
| n41  | 30        | 20              | 535998     | 1@50          | CP_QPSK    | 2714.86         | -45.68           | -25         | PASS    |
| n41  | 30        | 50              | 504204     | 133@0         | CP_QPSK    | 2469.18         | -45.76           | -25         | PASS    |
| n41  | 30        | 50              | 504204     | 1@0           | CP_QPSK    | 2487.54         | -45.72           | -25         | PASS    |
| n41  | 30        | 50              | 504204     | 1@132         | CP_QPSK    | 2462.06         | -45.74           | -25         | PASS    |
| n41  | 30        | 50              | 532998     | 133@0         | CP_QPSK    | 2748.53         | -45.91           | -25         | PASS    |
| n41  | 30        | 50              | 532998     | 1@0           | CP_QPSK    | 2746.23         | -45.71           | -25         | PASS    |
| n41  | 30        | 50              | 532998     | 1@132         | CP_QPSK    | 2749.14         | -45.87           | -25         | PASS    |
| n41  | 30        | 100             | 509202     | 273@0         | CP_QPSK    | 2471.98         | -45.67           | -25         | PASS    |
| n41  | 30        | 100             | 509202     | 1@0           | CP_QPSK    | 2481.18         | -45.81           | -25         | PASS    |
| n41  | 30        | 100             | 509202     | 1@272         | CP_QPSK    | 2487.39         | -45.73           | -25         | PASS    |
| n41  | 30        | 100             | 528000     | 273@0         | CP_QPSK    | 2792.08         | -45.85           | -25         | PASS    |
| n41  | 30        | 100             | 528000     | 1@0           | CP_QPSK    | 2803.20         | -45.82           | -25         | PASS    |
| n41  | 30        | 100             | 528000     | 1@272         | CP_QPSK    | 2793.48         | -45.89           | -25         | PASS    |

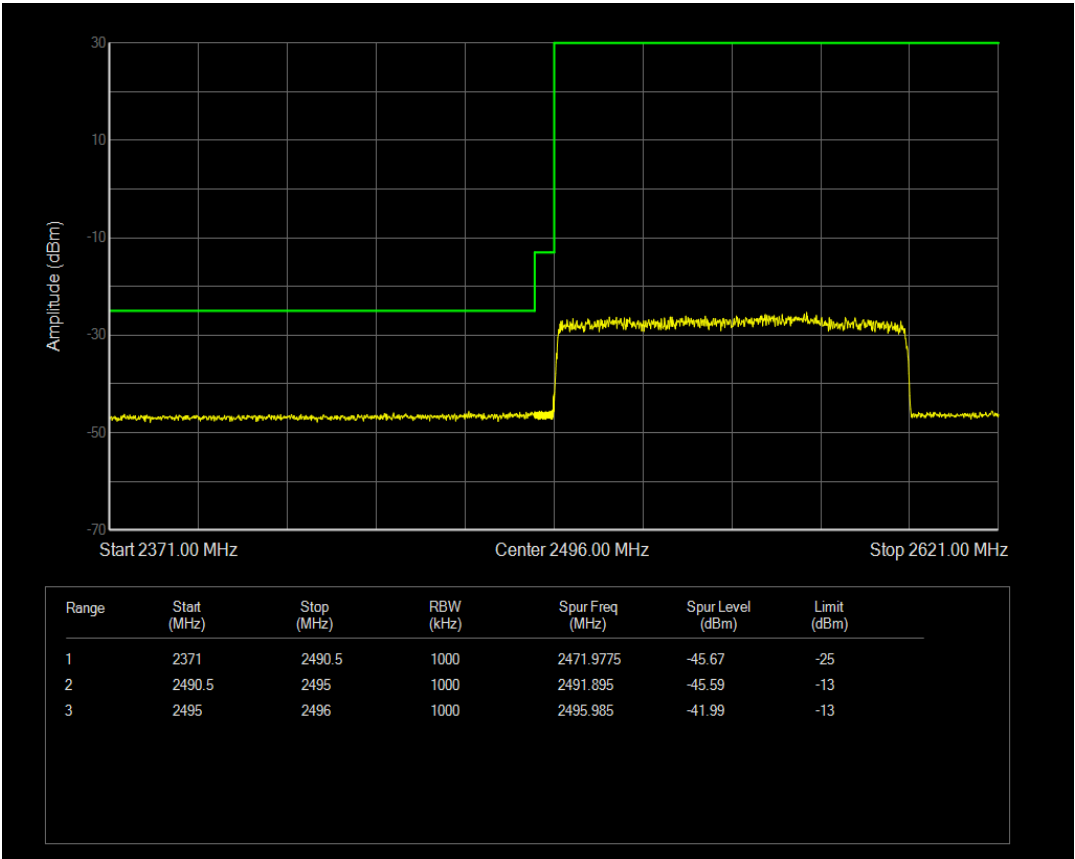
n41 SCS=30kHz CP\_QPSK BW=100MHz Channel=509202 RB=1@0



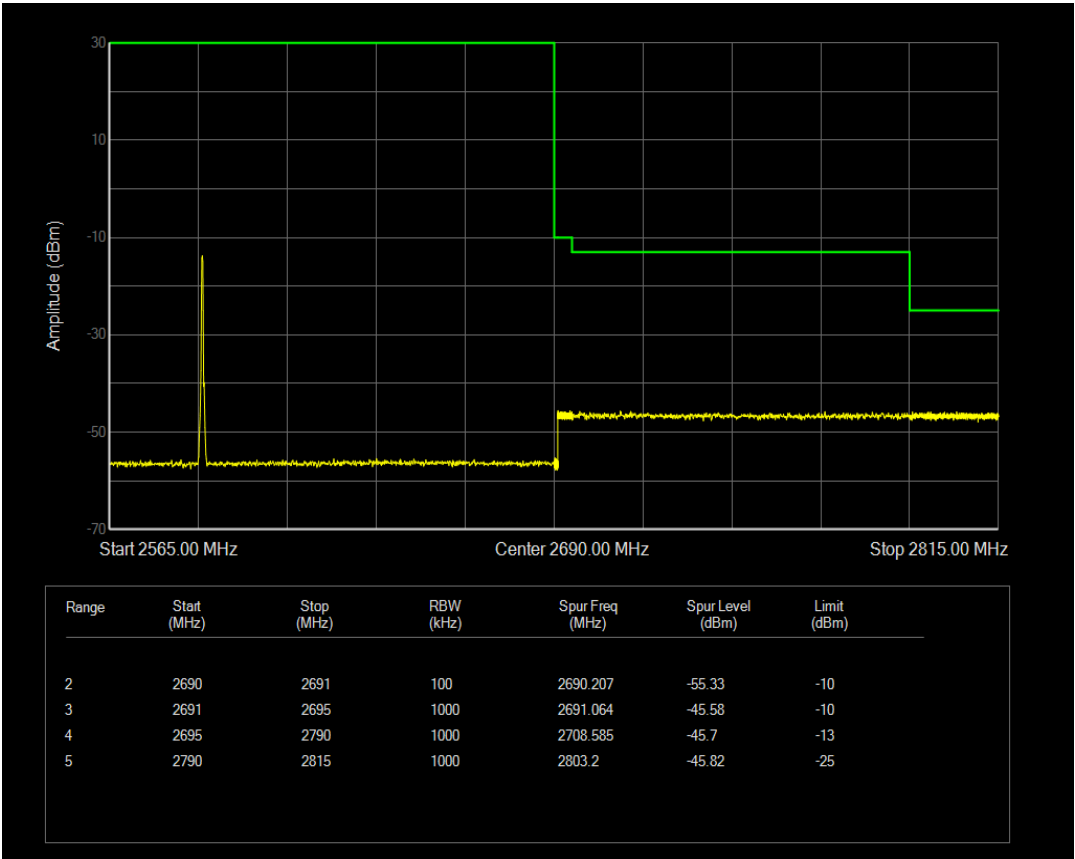
n41 SCS=30kHz CP\_QPSK BW=100MHz Channel=509202 RB=1@272



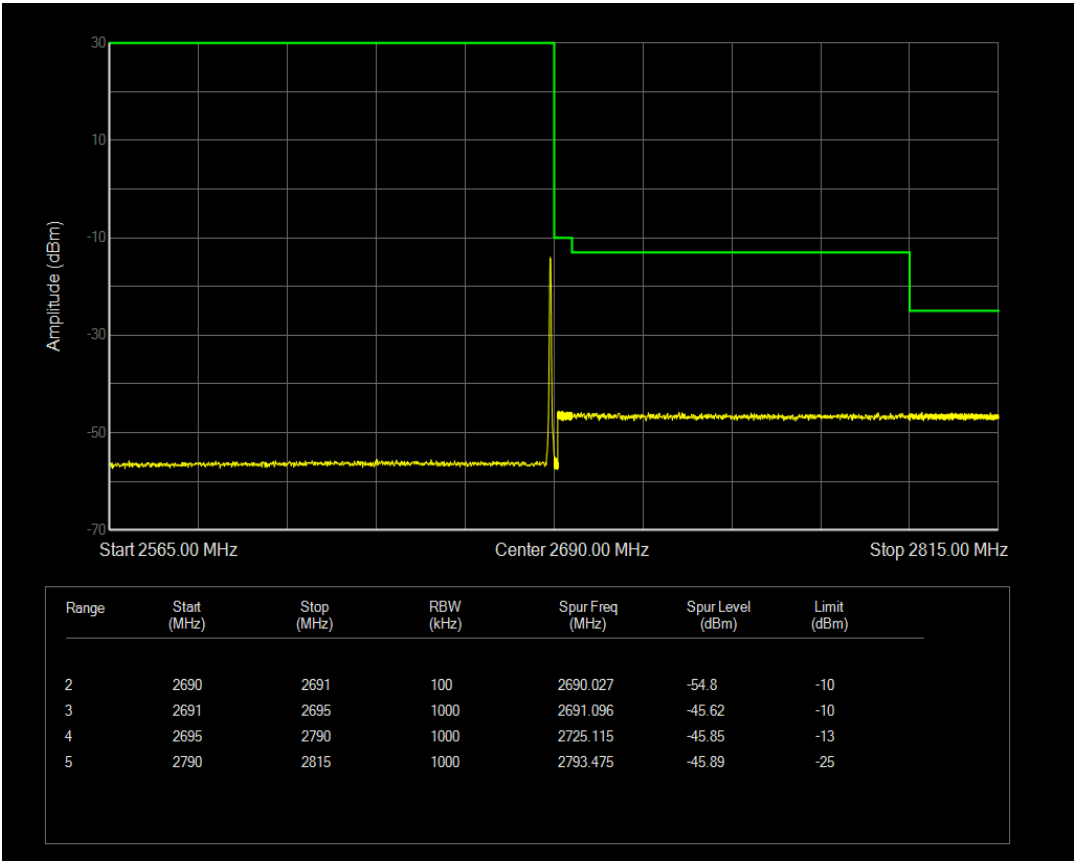
n41 SCS=30kHz CP\_QPSK BW=100MHz Channel=509202 RB=273@0



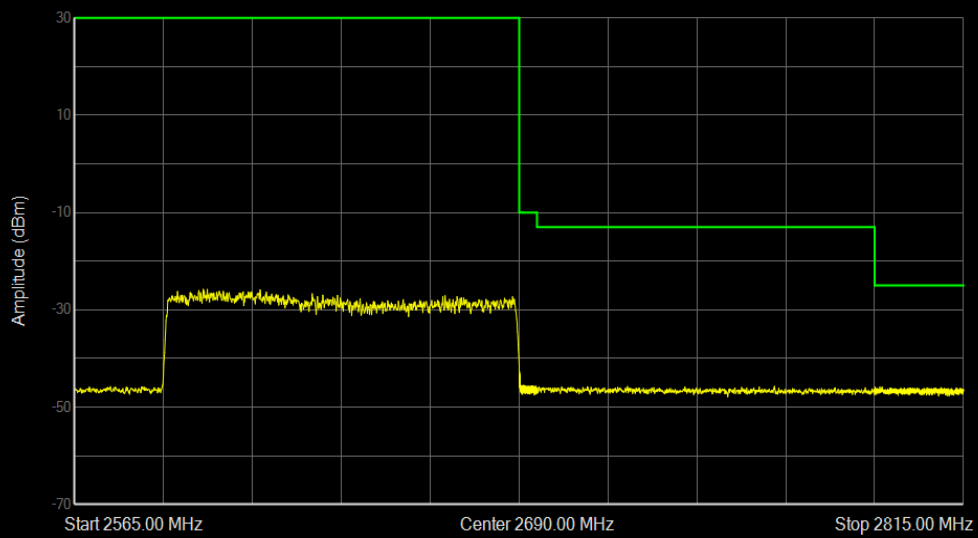
n41 SCS=30kHz CP\_QPSK BW=100MHz Channel=528000 RB=1@0



n41 SCS=30kHz CP\_QPSK BW=100MHz Channel=528000 RB=1@272

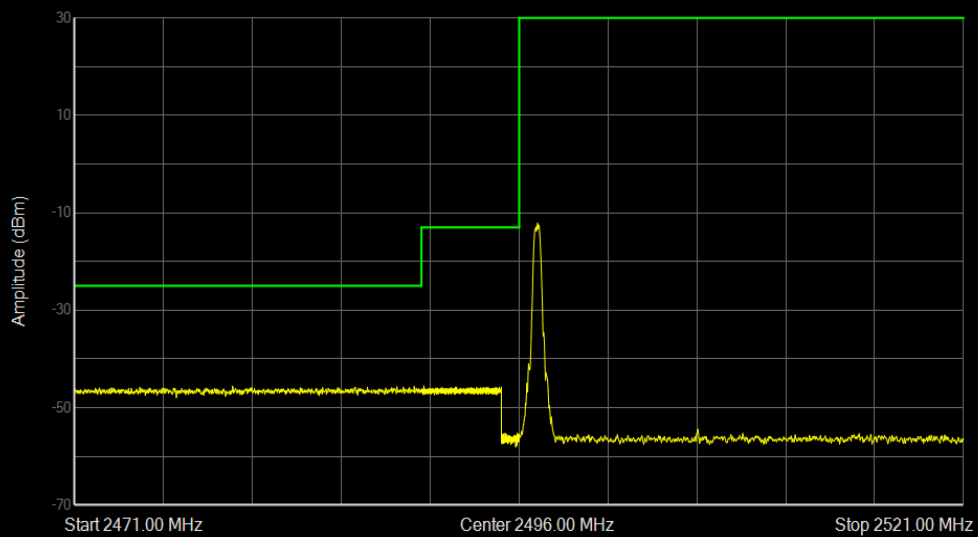


*n41 SCS=30kHz CP\_QPSK BW=100MHz Channel=528000 RB=273@0*



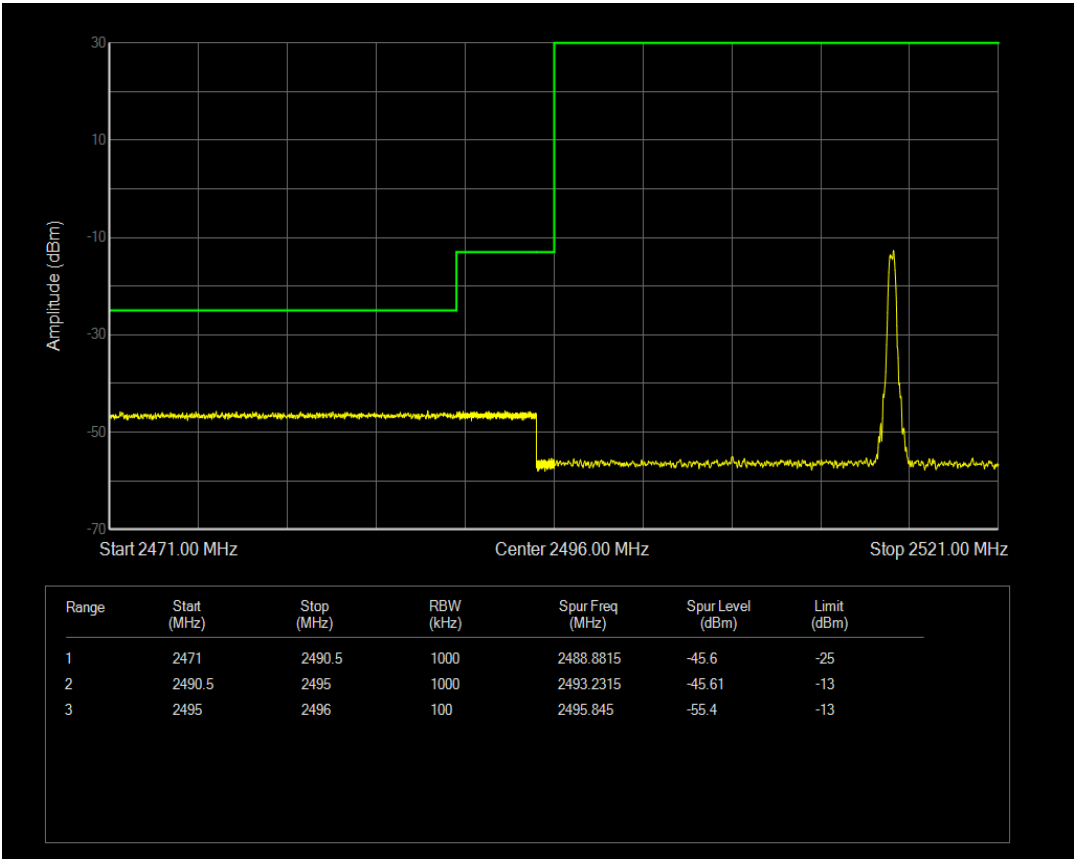
| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|-------|-------------|------------|-----------|-----------------|------------------|-------------|
| 2     | 2690        | 2691       | 1000      | 2690.03         | -42.55           | -10         |
| 3     | 2691        | 2695       | 1000      | 2691.052        | -45.53           | -10         |
| 4     | 2695        | 2790       | 1000      | 2761.785        | -45.7            | -13         |
| 5     | 2790        | 2815       | 1000      | 2792.075        | -45.85           | -25         |

*n41 SCS=30kHz CP\_QPSK BW=20MHz Channel=501204 RB=1@0*

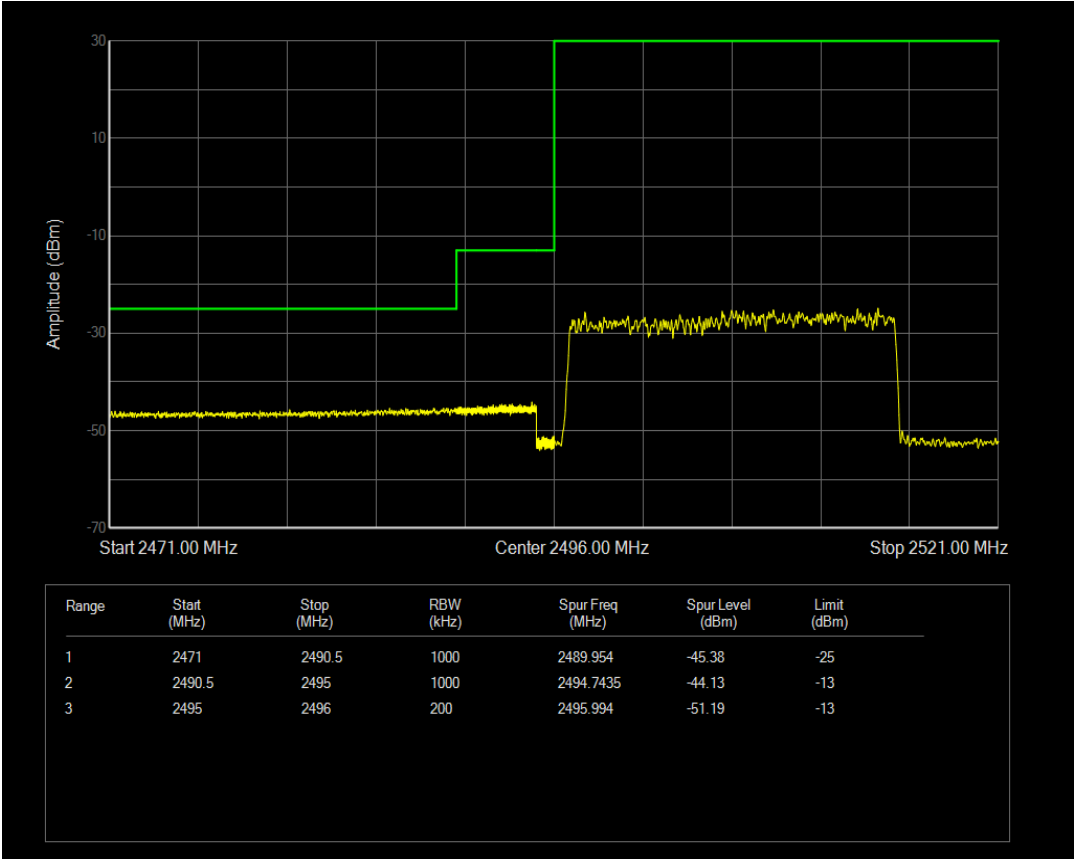


| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|-------|-------------|------------|-----------|-----------------|------------------|-------------|
| 1     | 2471        | 2490.5     | 1000      | 2479.8725       | -45.59           | -25         |
| 2     | 2490.5      | 2495       | 1000      | 2490.635        | -45.52           | -13         |
| 3     | 2495        | 2496       | 100       | 2495.893        | -55.23           | -13         |

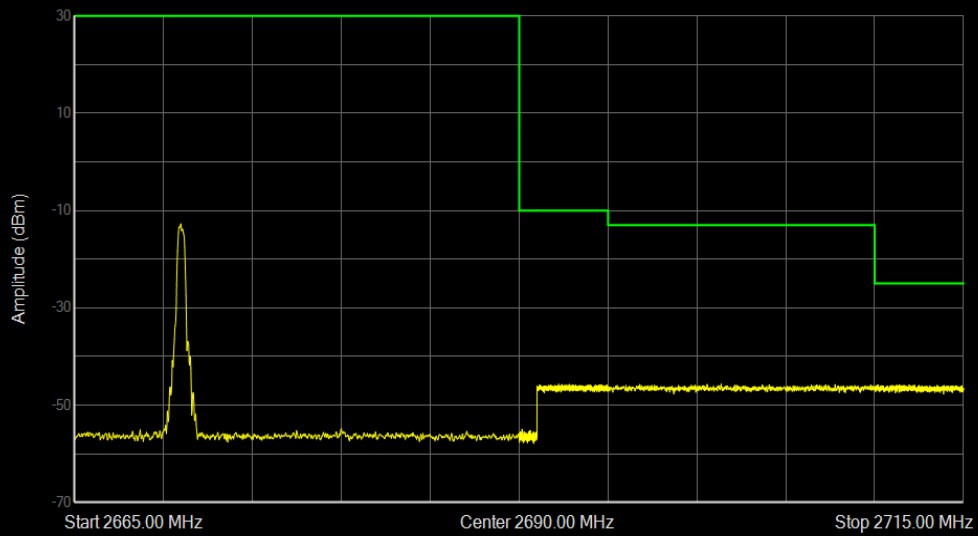
n41 SCS=30kHz CP\_QPSK BW=20MHz Channel=501204 RB=1@50



n41 SCS=30kHz CP\_QPSK BW=20MHz Channel=501204 RB=51@0

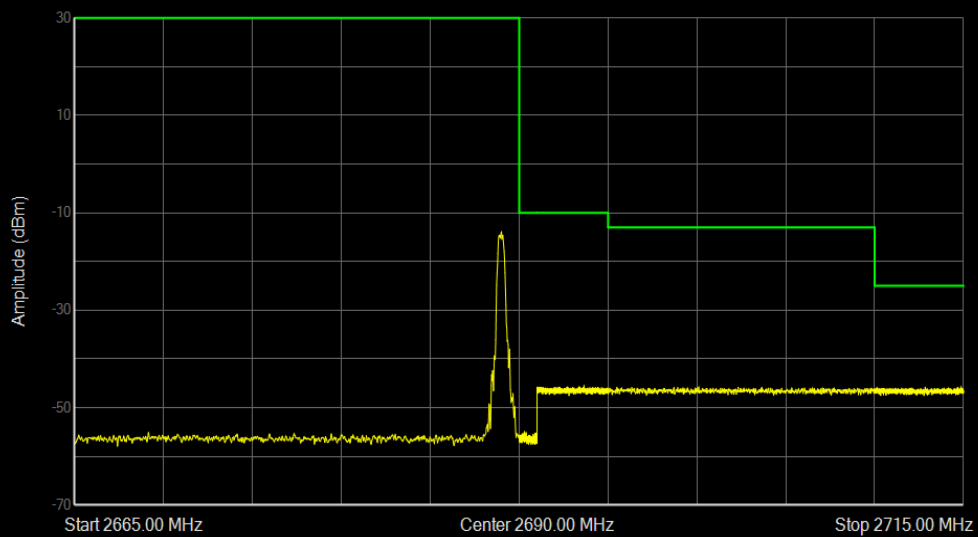


*n41 SCS=30kHz CP\_QPSK BW=20MHz Channel=535998 RB=1@0*



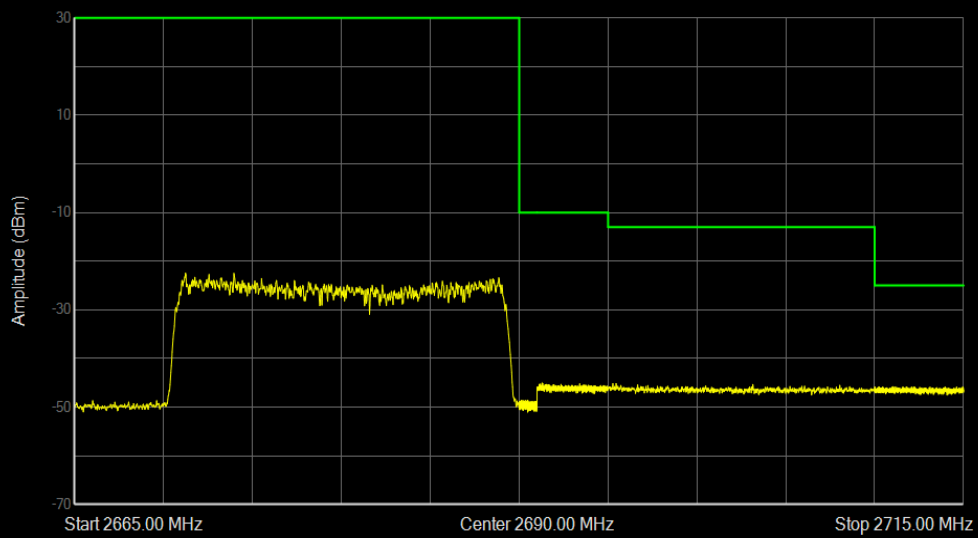
| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|-------|-------------|------------|-----------|-----------------|------------------|-------------|
| 2     | 2690        | 2691       | 100       | 2690.164        | -54.96           | -10         |
| 3     | 2691        | 2695       | 1000      | 2692.216        | -45.69           | -10         |
| 4     | 2695        | 2710       | 1000      | 2701.36         | -45.65           | -13         |
| 5     | 2710        | 2715       | 1000      | 2711.38         | -45.83           | -25         |

*n41 SCS=30kHz CP\_QPSK BW=20MHz Channel=535998 RB=1@50*



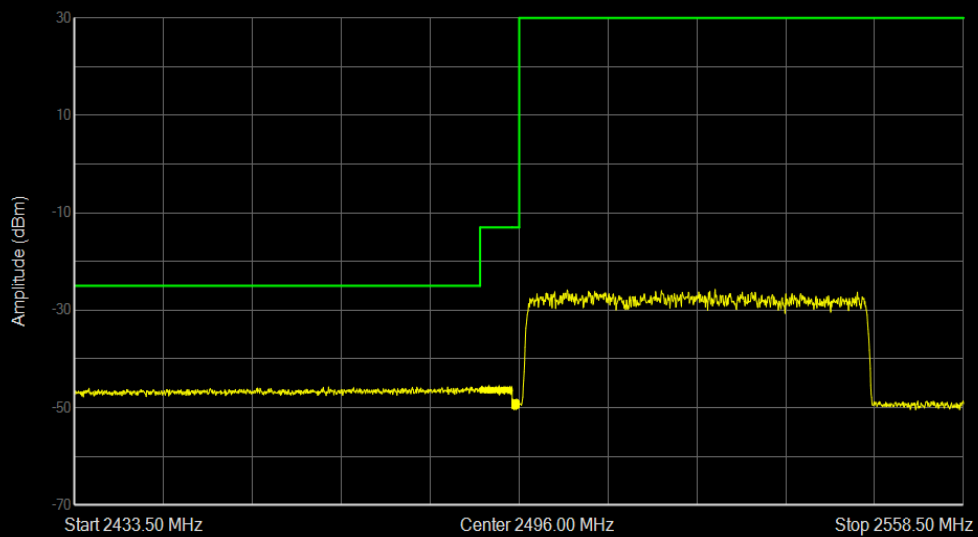
| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|-------|-------------|------------|-----------|-----------------|------------------|-------------|
| 2     | 2690        | 2691       | 100       | 2690.292        | -54.92           | -10         |
| 3     | 2691        | 2695       | 1000      | 2693.648        | -45.45           | -10         |
| 4     | 2695        | 2710       | 1000      | 2700.1          | -45.74           | -13         |
| 5     | 2710        | 2715       | 1000      | 2714.855        | -45.68           | -25         |

*n41 SCS=30kHz CP\_QPSK BW=20MHz Channel=535998 RB=51@0*



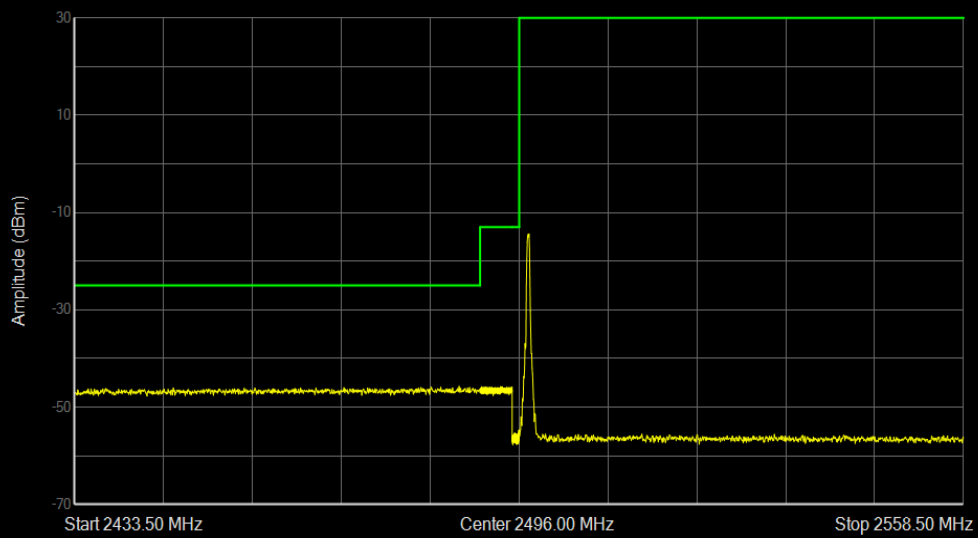
| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|-------|-------------|------------|-----------|-----------------|------------------|-------------|
| 2     | 2690        | 2691       | 430       | 2690.481        | -48.56           | -10         |
| 3     | 2691        | 2695       | 1000      | 2691.284        | -45.04           | -10         |
| 4     | 2695        | 2710       | 1000      | 2695.45         | -45.14           | -13         |
| 5     | 2710        | 2715       | 1000      | 2711.01         | -45.8            | -25         |

*n41 SCS=30kHz CP\_QPSK BW=50MHz Channel=504204 RB=133@0*



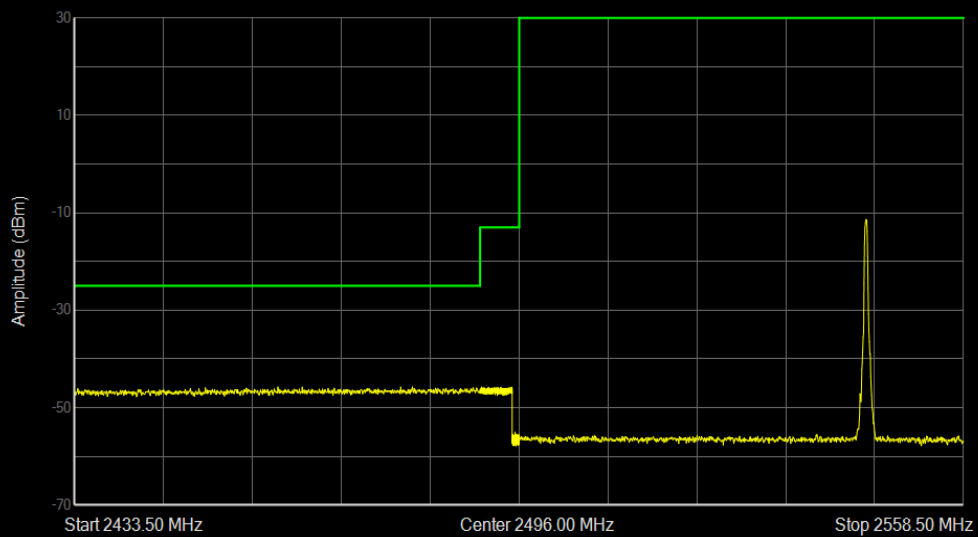
| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|-------|-------------|------------|-----------|-----------------|------------------|-------------|
| 1     | 2433.5      | 2490.5     | 1000      | 2469.182        | -45.76           | -25         |
| 2     | 2490.5      | 2495       | 1000      | 2491.7645       | -45.47           | -13         |
| 3     | 2495        | 2496       | 510       | 2495.01         | -48.21           | -13         |

*n41 SCS=30kHz CP\_QPSK BW=50MHz Channel=504204 RB=1@0*



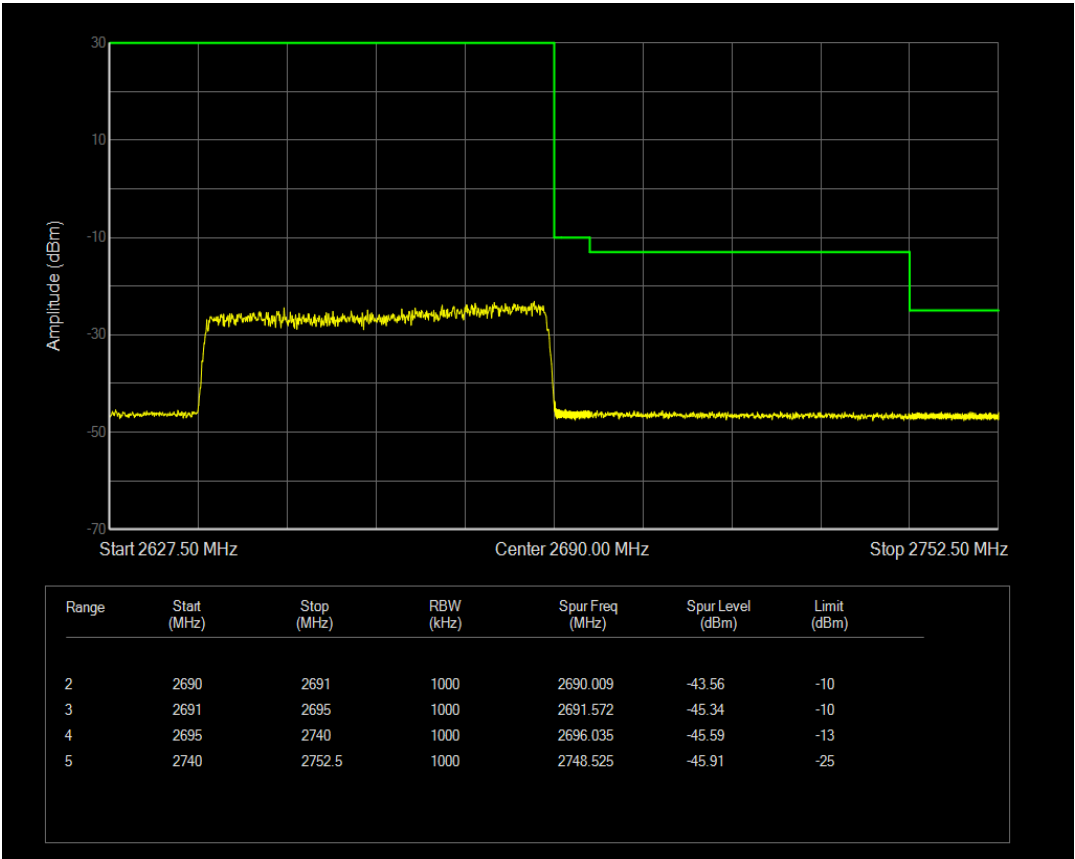
| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|-------|-------------|------------|-----------|-----------------|------------------|-------------|
| 1     | 2433.5      | 2490.5     | 1000      | 2487.536        | -45.72           | -25         |
| 2     | 2490.5      | 2495       | 1000      | 2493.3845       | -45.77           | -13         |
| 3     | 2495        | 2496       | 100       | 2495.99         | -54.69           | -13         |

*n41 SCS=30kHz CP\_QPSK BW=50MHz Channel=504204 RB=1@132*

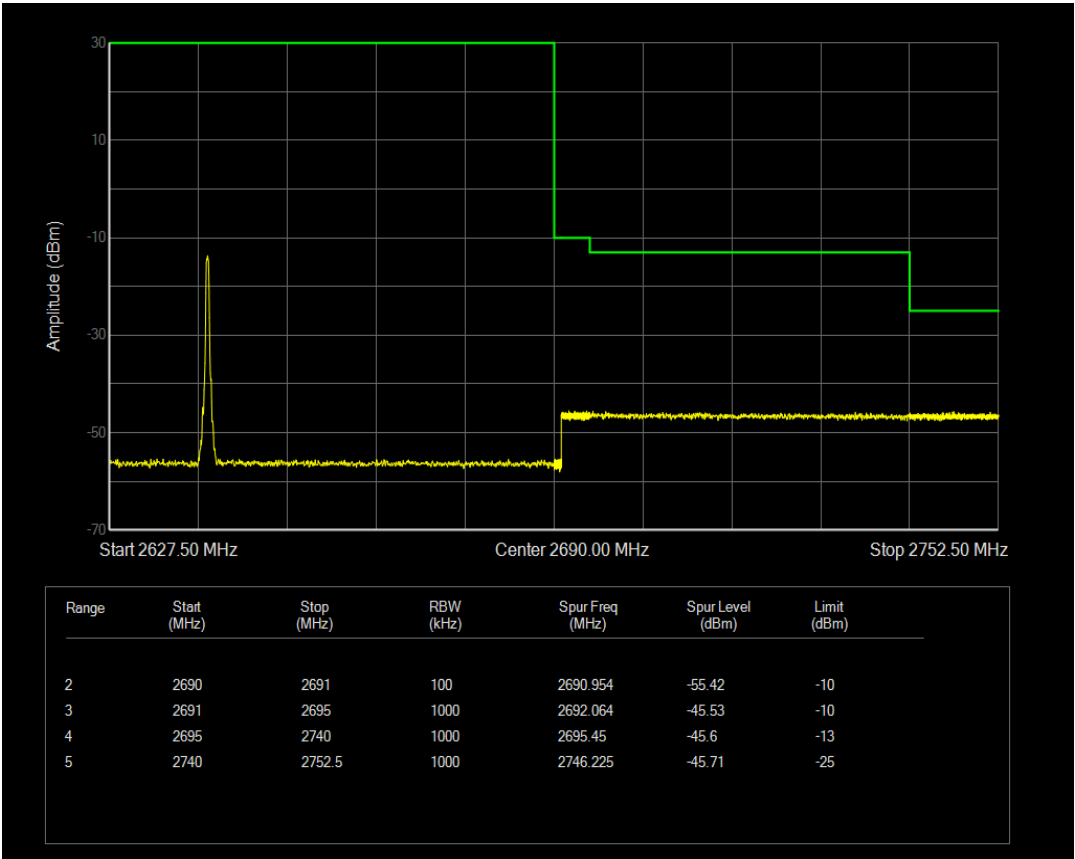


| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|-------|-------------|------------|-----------|-----------------|------------------|-------------|
| 1     | 2433.5      | 2490.5     | 1000      | 2462.057        | -45.74           | -25         |
| 2     | 2490.5      | 2495       | 1000      | 2490.6935       | -45.75           | -13         |
| 3     | 2495        | 2496       | 100       | 2495.417        | -55              | -13         |

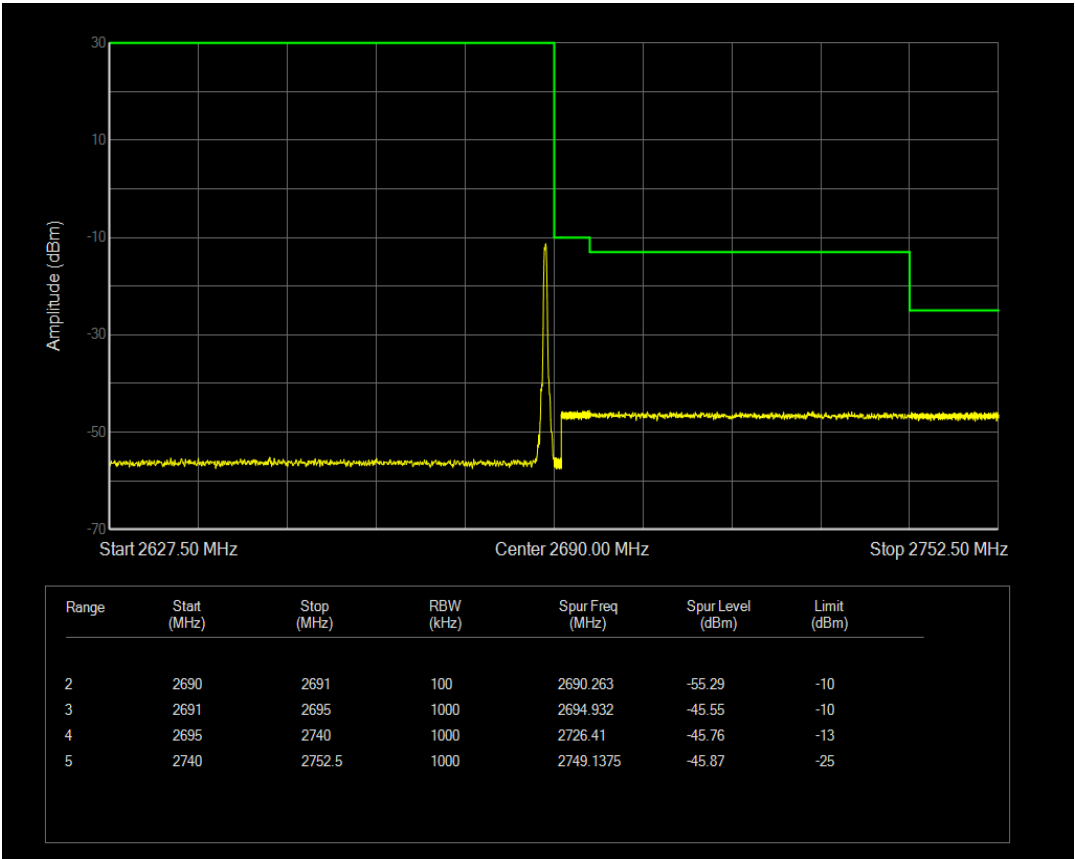
n41 SCS=30kHz CP\_QPSK BW=50MHz Channel=532998 RB=133@0



n41 SCS=30kHz CP\_QPSK BW=50MHz Channel=532998 RB=1@0



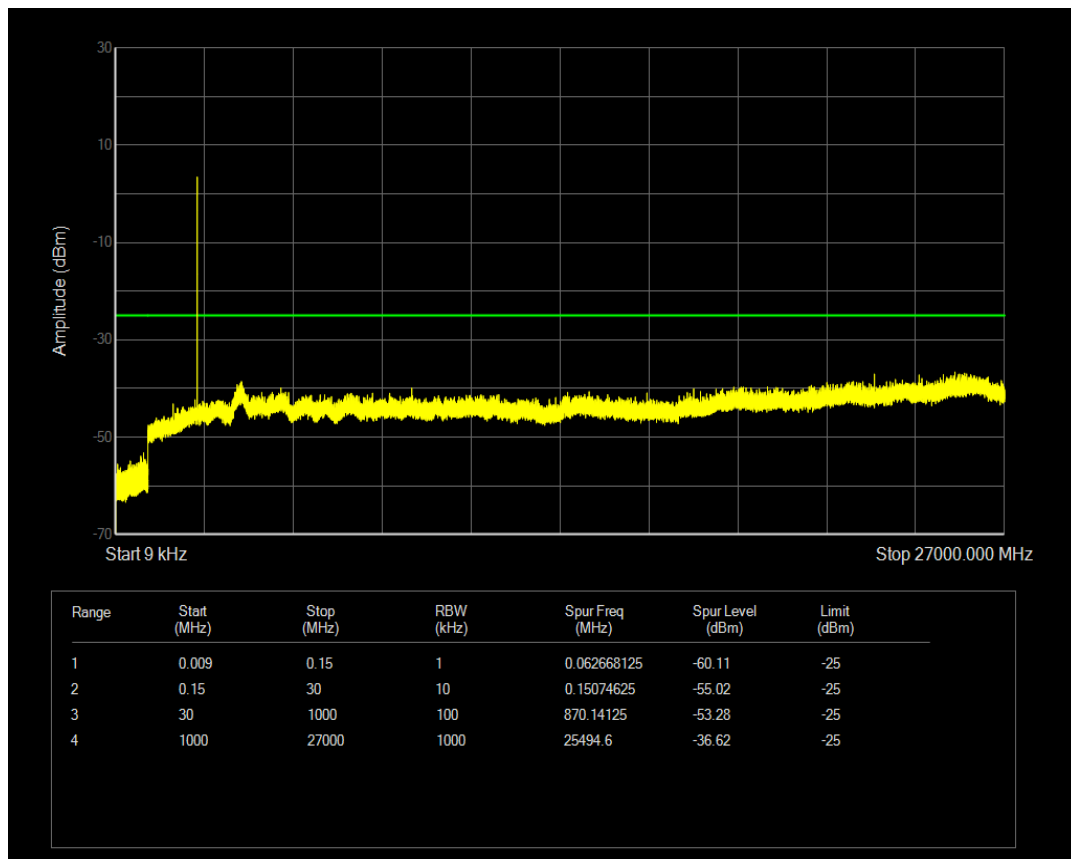
n41 SCS=30kHz CP\_QPSK BW=50MHz Channel=532998 RB=1@132



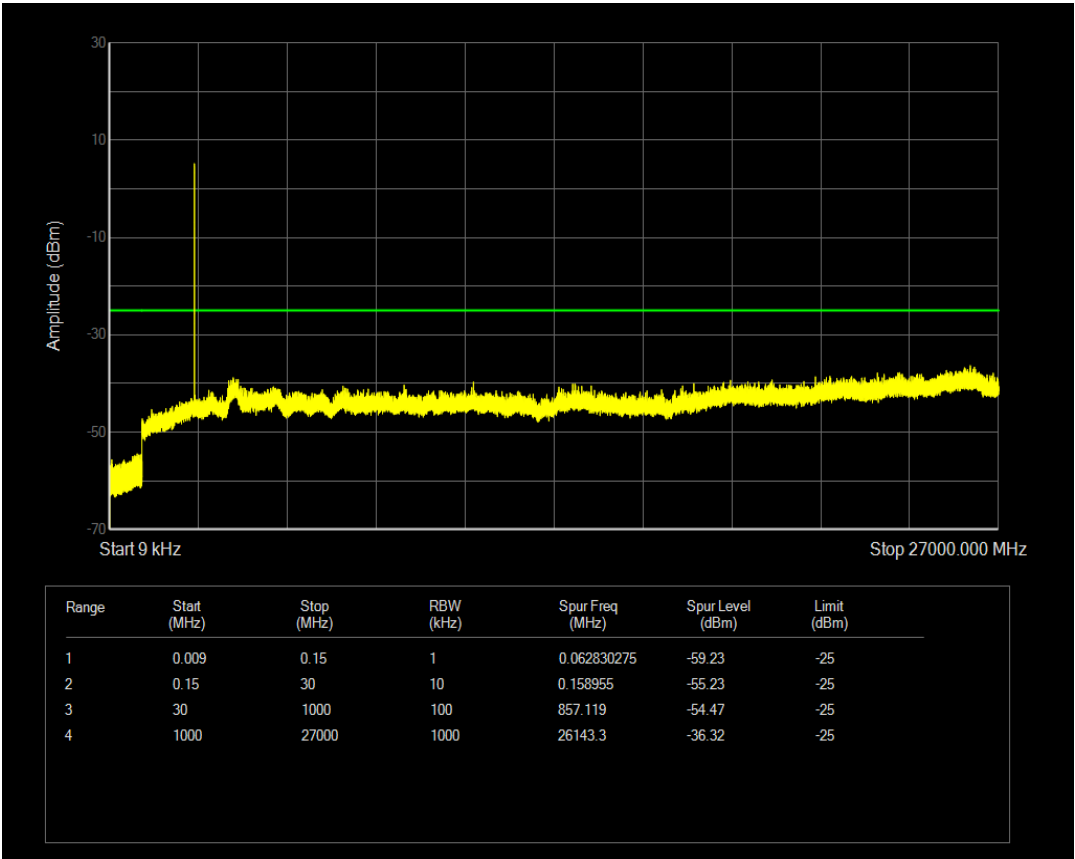
## 6 Out-of-band emissions for EN-DC

| Band | SCS (kHz) | Bandwidth (MHz) | UL Channel | RB Allocation | Modulation | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) | Verdict |
|------|-----------|-----------------|------------|---------------|------------|-----------------|------------------|-------------|---------|
| n41  | 30        | 20              | 501204     | 51@0          | CP_QPSK    | 26056.85        | -36.02           | -25         | PASS    |
| n41  | 30        | 20              | 501204     | 1@0           | CP_QPSK    | 26025.65        | -36.51           | -25         | PASS    |
| n41  | 30        | 20              | 501204     | 1@50          | CP_QPSK    | 26010.05        | -36.61           | -25         | PASS    |
| n41  | 30        | 20              | 535998     | 51@0          | CP_QPSK    | 25969.10        | -36.05           | -25         | PASS    |
| n41  | 30        | 20              | 535998     | 1@0           | CP_QPSK    | 26286.30        | -36.37           | -25         | PASS    |
| n41  | 30        | 20              | 535998     | 1@50          | CP_QPSK    | 26168.65        | -37.18           | -25         | PASS    |
| n41  | 30        | 50              | 504204     | 133@0         | CP_QPSK    | 26032.80        | -35.71           | -25         | PASS    |
| n41  | 30        | 50              | 504204     | 1@0           | CP_QPSK    | 25988.60        | -36.45           | -25         | PASS    |
| n41  | 30        | 50              | 504204     | 1@132         | CP_QPSK    | 26032.80        | -35.75           | -25         | PASS    |
| n41  | 30        | 50              | 532998     | 133@0         | CP_QPSK    | 26456.60        | -36.81           | -25         | PASS    |
| n41  | 30        | 50              | 532998     | 1@0           | CP_QPSK    | 26423.45        | -36.31           | -25         | PASS    |
| n41  | 30        | 50              | 532998     | 1@132         | CP_QPSK    | 25862.50        | -36.49           | -25         | PASS    |
| n41  | 30        | 100             | 509202     | 273@0         | CP_QPSK    | 25733.80        | -36.04           | -25         | PASS    |
| n41  | 30        | 100             | 509202     | 1@0           | CP_QPSK    | 25494.60        | -36.62           | -25         | PASS    |
| n41  | 30        | 100             | 509202     | 1@272         | CP_QPSK    | 26143.30        | -36.32           | -25         | PASS    |
| n41  | 30        | 100             | 528000     | 273@0         | CP_QPSK    | 25349.00        | -36.40           | -25         | PASS    |
| n41  | 30        | 100             | 528000     | 1@0           | CP_QPSK    | 25316.50        | -36.70           | -25         | PASS    |
| n41  | 30        | 100             | 528000     | 1@272         | CP_QPSK    | 26298.00        | -35.99           | -25         | PASS    |

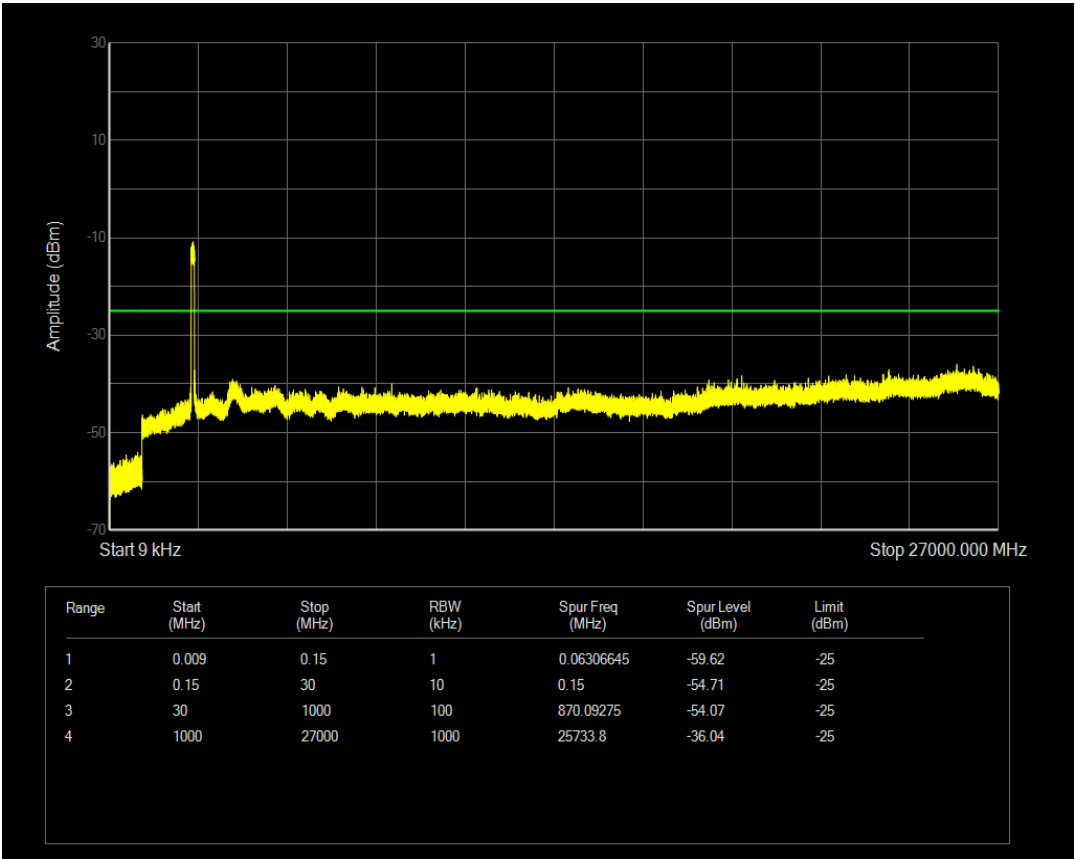
n41 SCS=30kHz CP\_QPSK BW=100MHz Channel=509202 RB=1@0



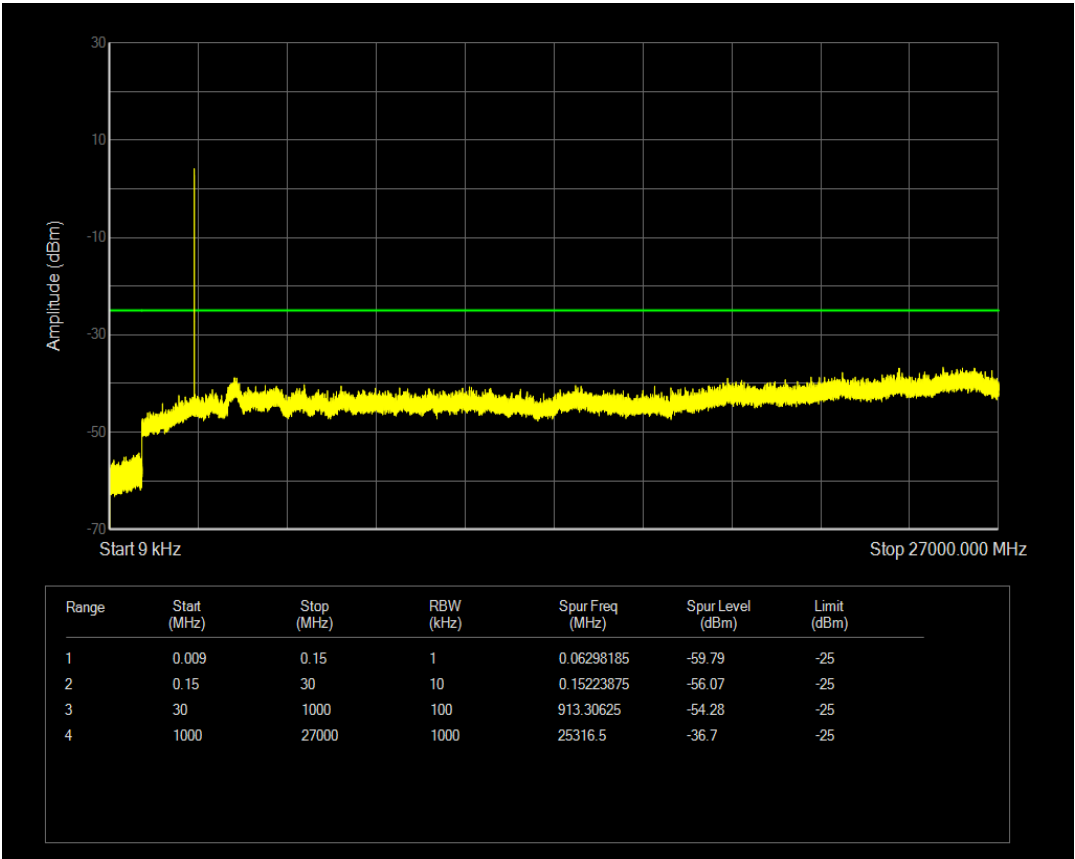
n41 SCS=30kHz CP\_QPSK BW=100MHz Channel=509202 RB=1@272



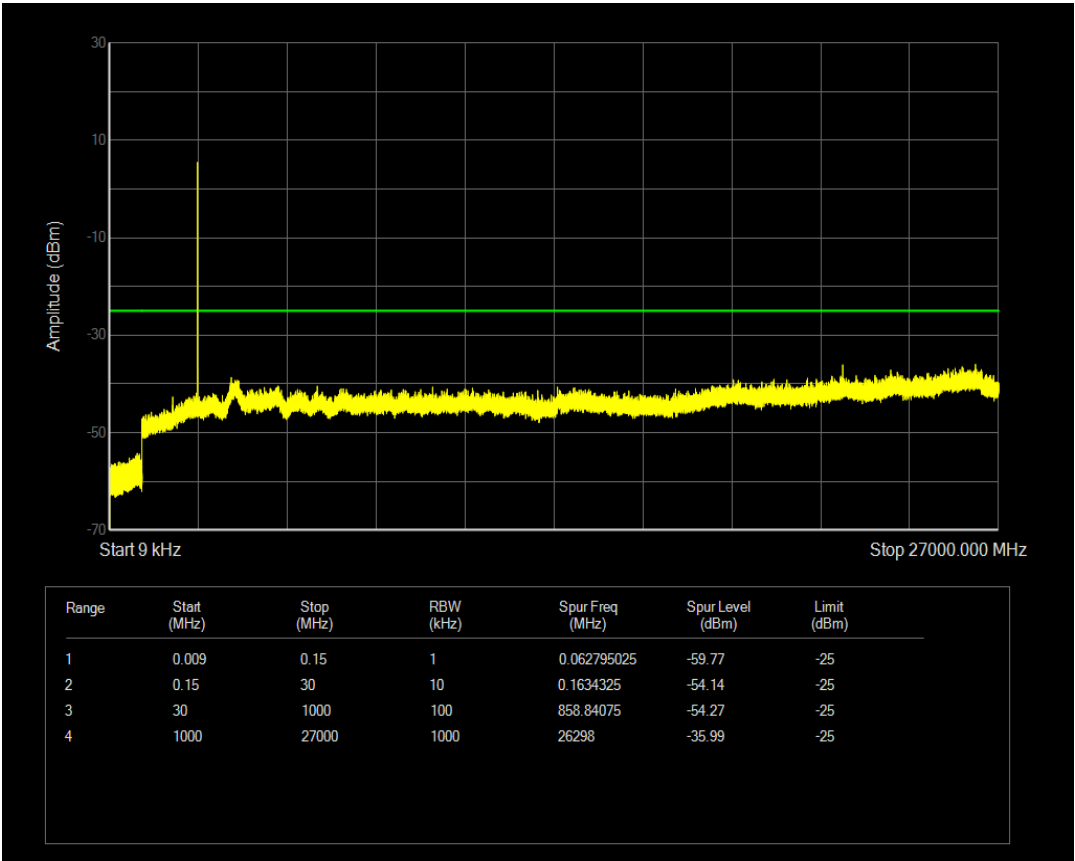
n41 SCS=30kHz CP\_QPSK BW=100MHz Channel=509202 RB=273@0



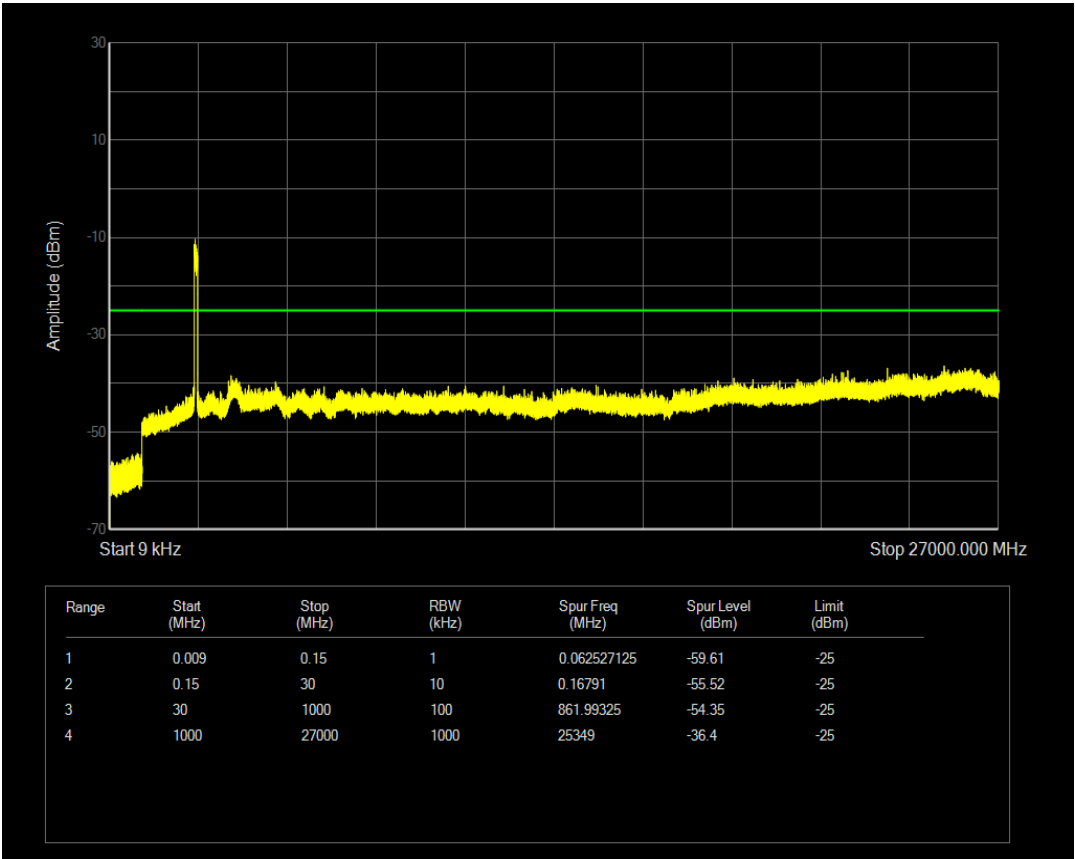
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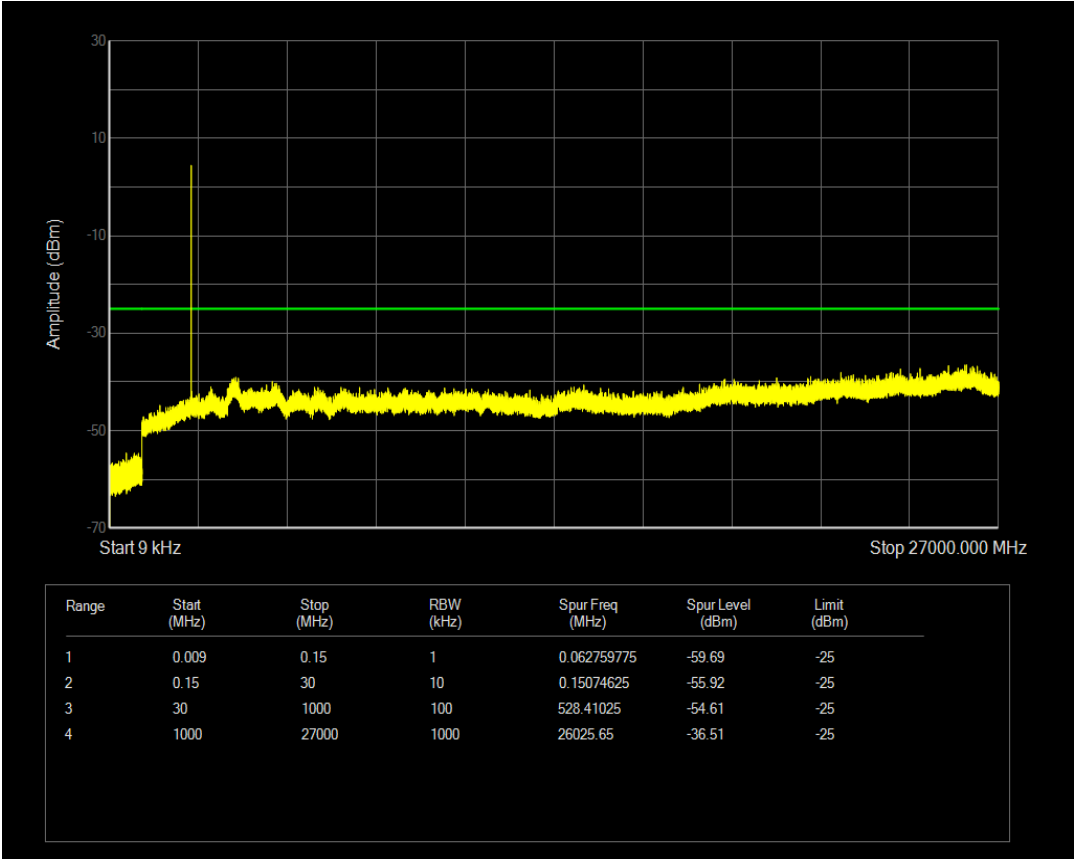
n41 SCS=30kHz CP\_QPSK BW=100MHz Channel=528000 RB=1@272



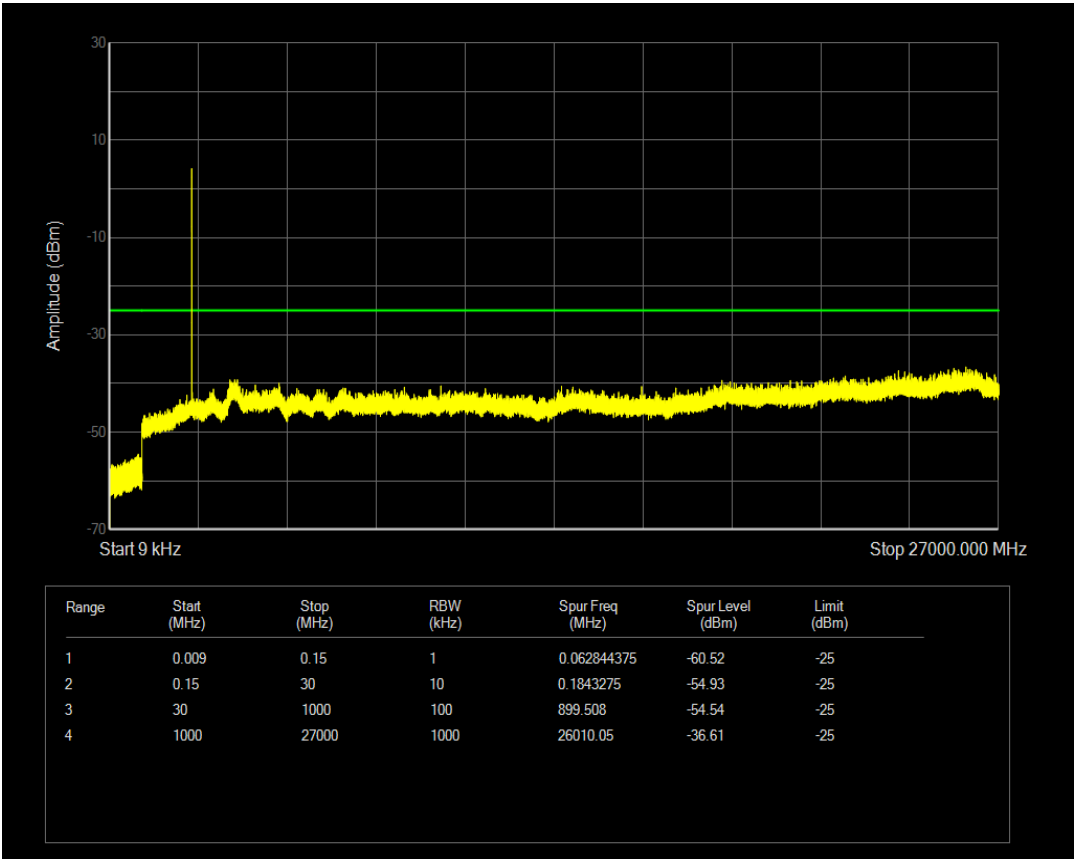
n41 SCS=30kHz CP\_QPSK BW=100MHz Channel=528000 RB=273@0



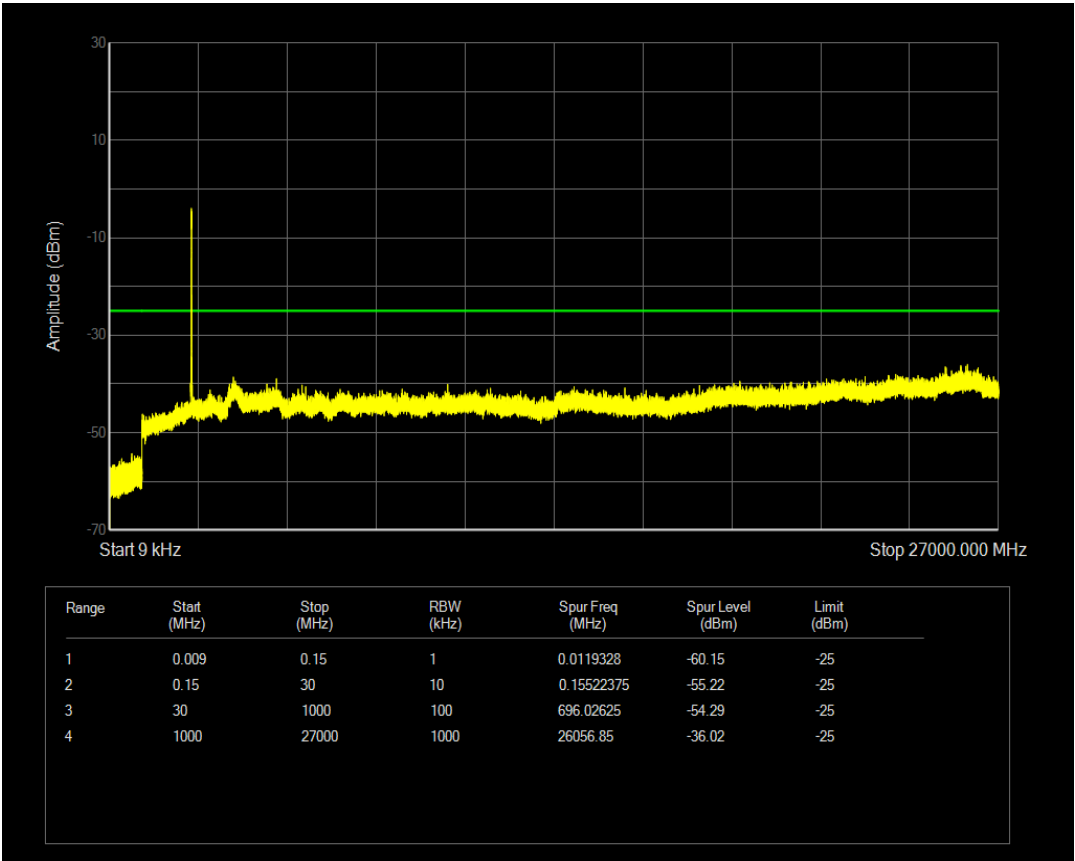
n41 SCS=30kHz CP\_QPSK BW=20MHz Channel=501204 RB=1@0



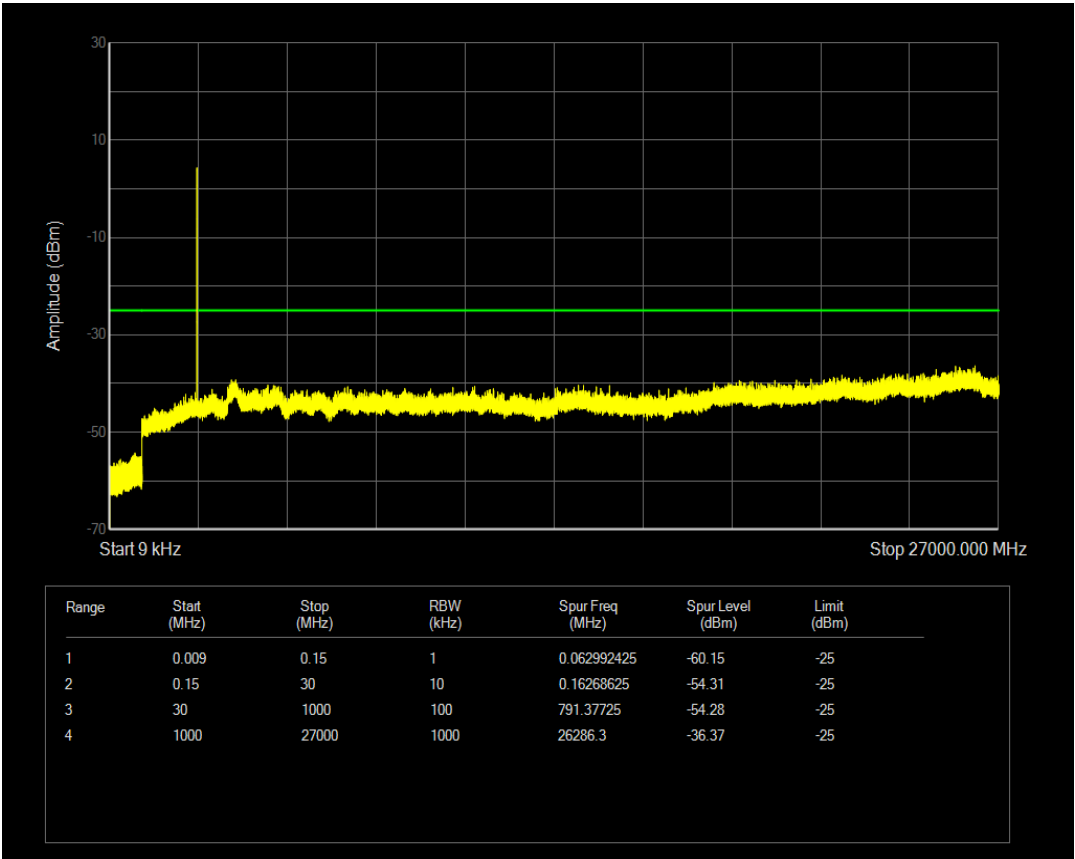
n41 SCS=30kHz CP\_QPSK BW=20MHz Channel=501204 RB=1@50



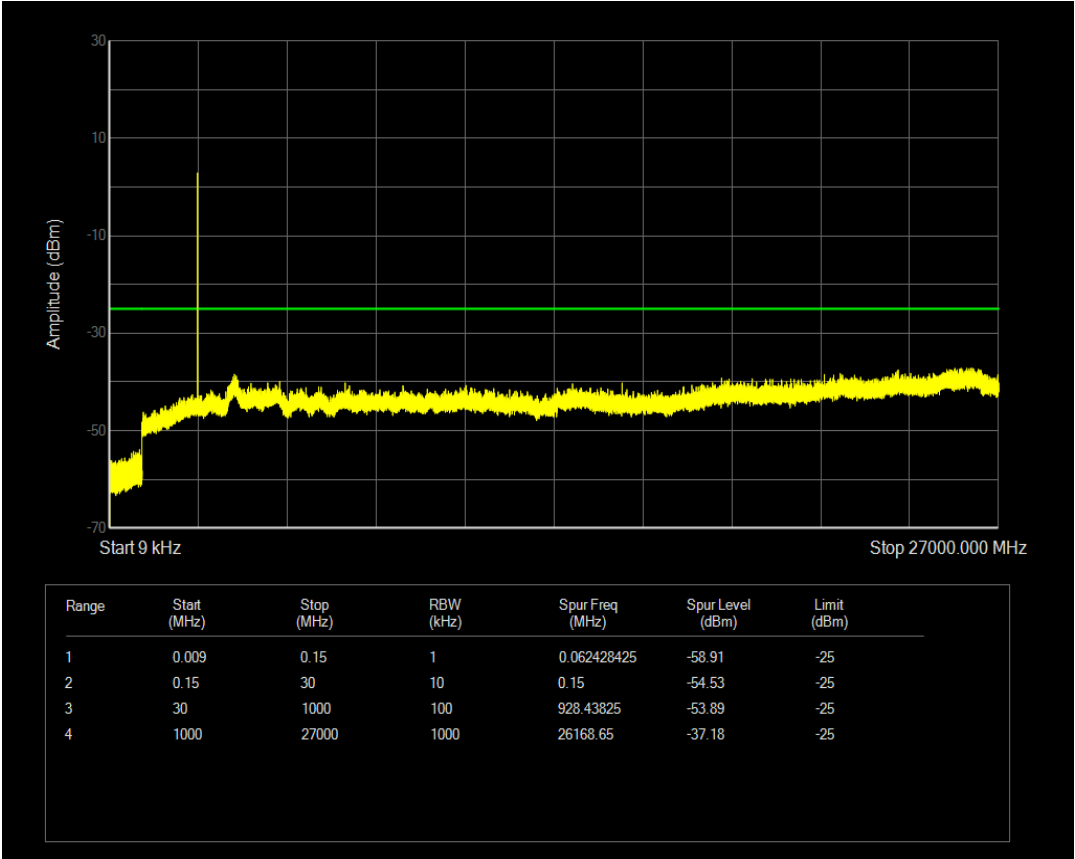
n41 SCS=30kHz CP\_QPSK BW=20MHz Channel=501204 RB=51@0



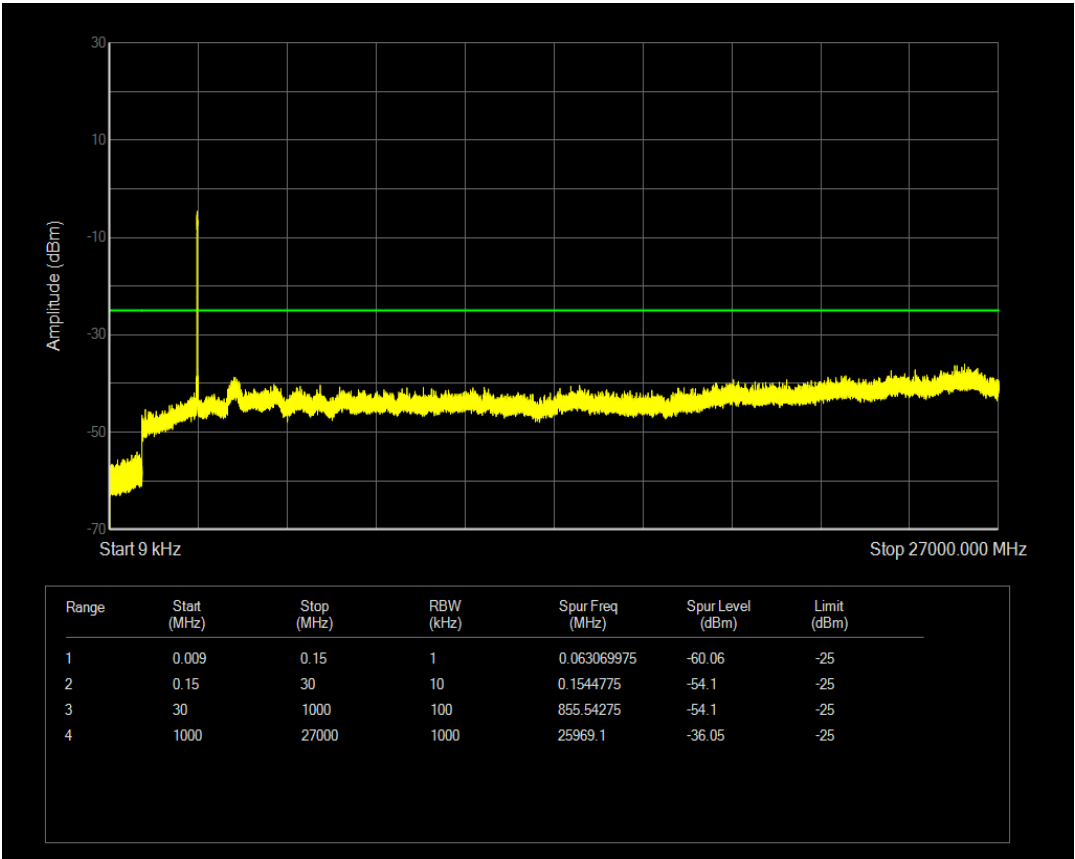
n41 SCS=30kHz CP\_QPSK BW=20MHz Channel=535998 RB=1@0



n41 SCS=30kHz CP\_QPSK BW=20MHz Channel=535998 RB=1@50



n41 SCS=30kHz CP\_QPSK BW=20MHz Channel=535998 RB=51@0



n41 SCS=30kHz CP\_QPSK BW=50MHz Channel=504204 RB=133@0

