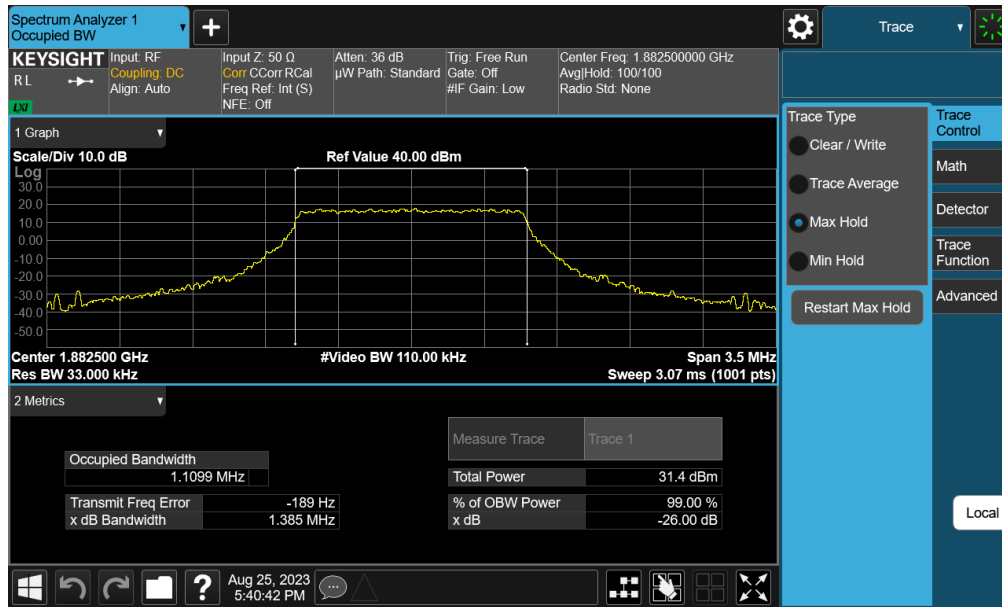
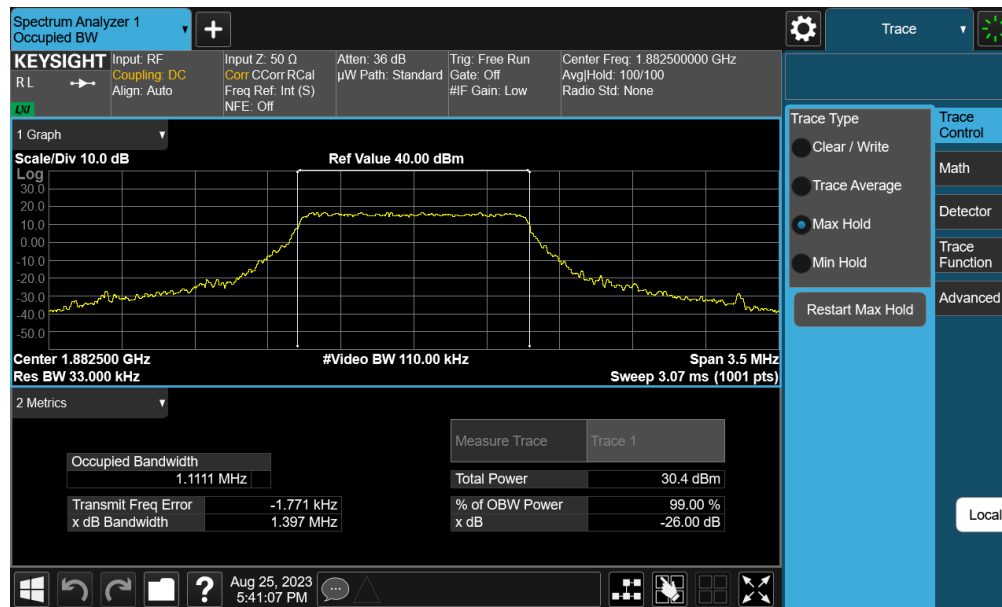




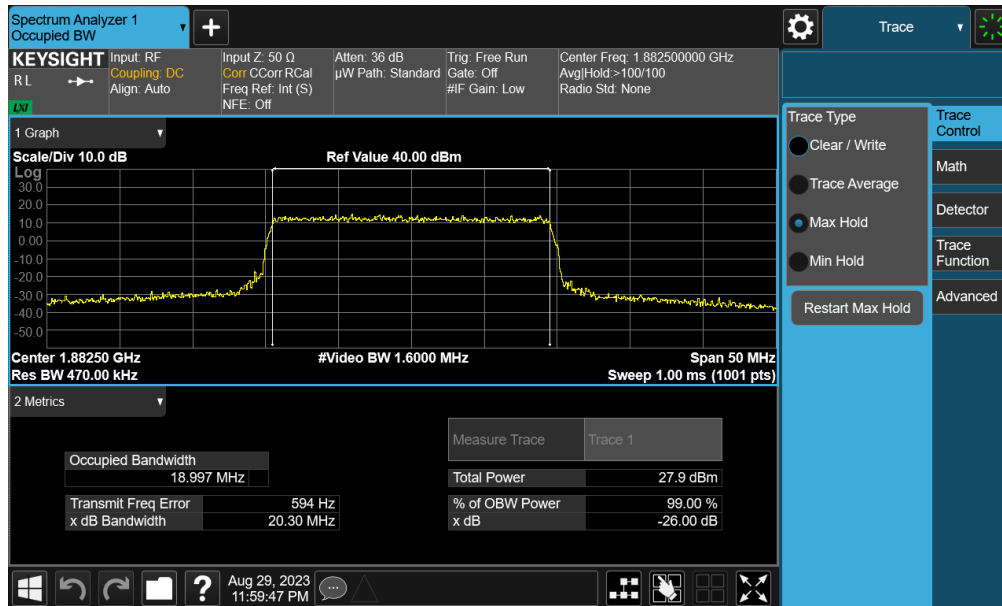
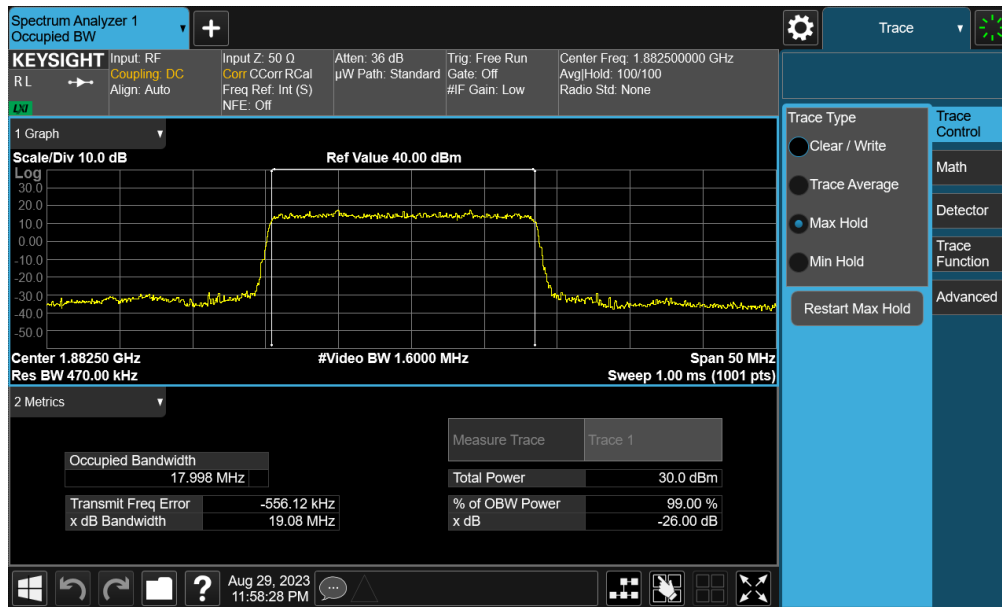
**Plot 7-38. Occupied Bandwidth Plot (LTE Band 25/2 - 1.4MHz QPSK - Full RB - Ant 7)**



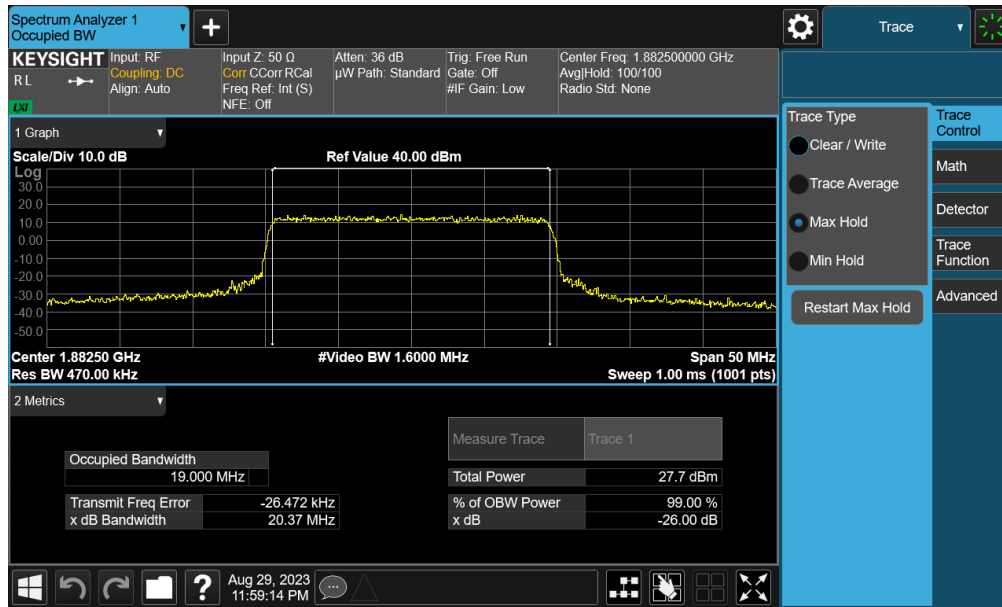
**Plot 7-39. Occupied Bandwidth Plot (LTE Band 25/2 - 1.4MHz 16-QAM - Full RB - Ant 7)**

|                                         |                                       |                               |                                   |
|-----------------------------------------|---------------------------------------|-------------------------------|-----------------------------------|
| FCC ID: A3LSMS928B                      | PART 24 MEASUREMENT REPORT            |                               | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1M2308210093-02.A3L | Test Dates:<br>8/23/2023 - 10/18/2023 | EUT Type:<br>Portable Handset | Page 37 of 117                    |

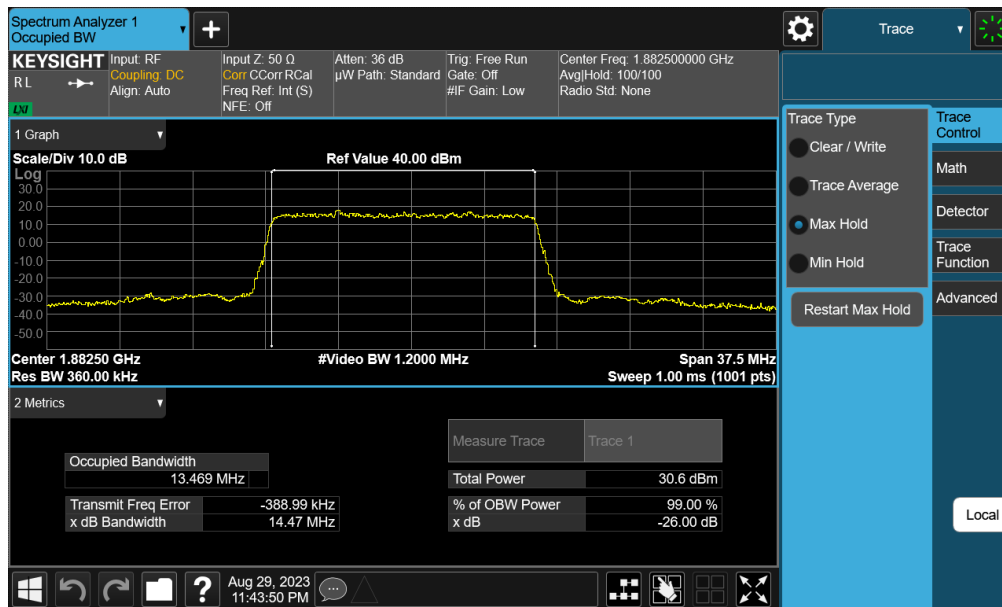
## NR Band n25/2 – Ant 7



|                                         |                                       |                               |                                   |
|-----------------------------------------|---------------------------------------|-------------------------------|-----------------------------------|
| FCC ID: A3LSMS928B                      | PART 24 MEASUREMENT REPORT            |                               | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1M2308210093-02.A3L | Test Dates:<br>8/23/2023 - 10/18/2023 | EUT Type:<br>Portable Handset | Page 38 of 117                    |

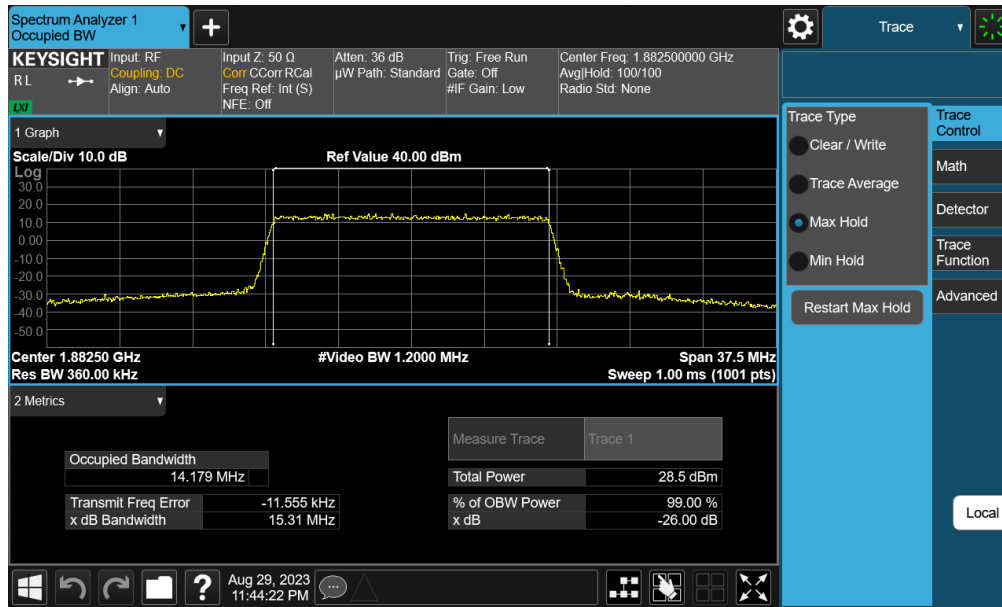


Plot 7-42. Occupied Bandwidth Plot (NR Band n25/2 - 20.0MHz CP-OFDM 16QAM - Full RB - ANT 7)

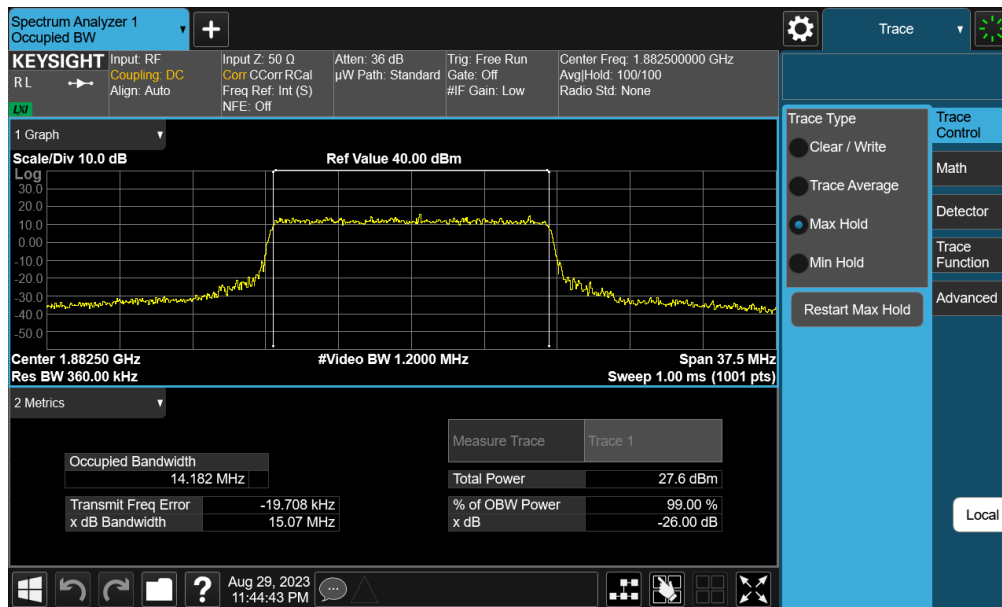


Plot 7-43. Occupied Bandwidth Plot (NR Band n25/2 - 15.0MHz DFT-s-OFDM BPSK - Full RB - ANT 7)

|                                         |                                       |                               |                                   |
|-----------------------------------------|---------------------------------------|-------------------------------|-----------------------------------|
| FCC ID: A3LSMS928B                      | PART 24 MEASUREMENT REPORT            |                               | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1M2308210093-02.A3L | Test Dates:<br>8/23/2023 - 10/18/2023 | EUT Type:<br>Portable Handset | Page 39 of 117                    |

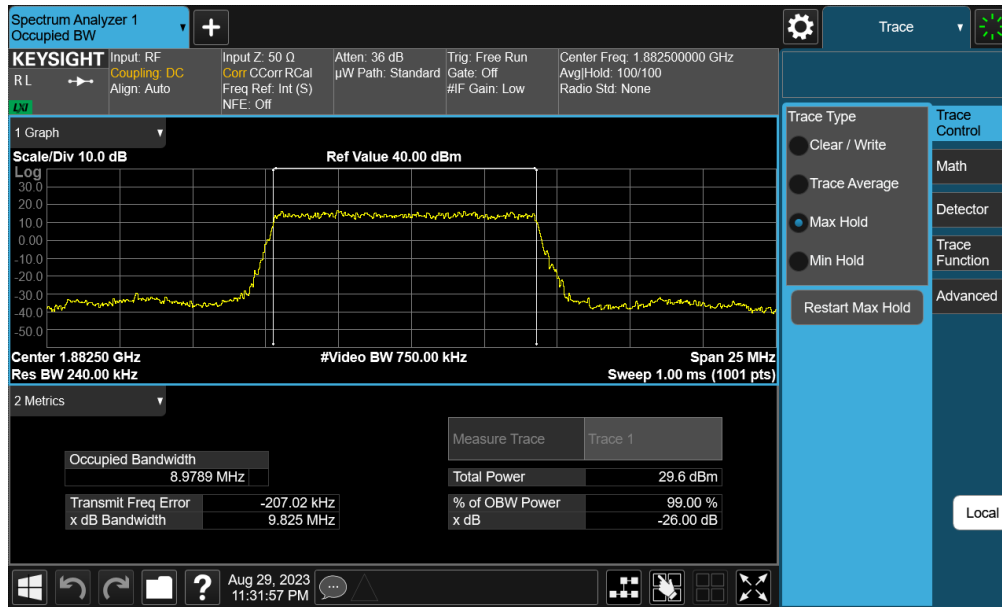


Plot 7-44. Occupied Bandwidth Plot (NR Band n25/2 - 15.0MHz CP-OFDM QPSK - Full RB - ANT 7)

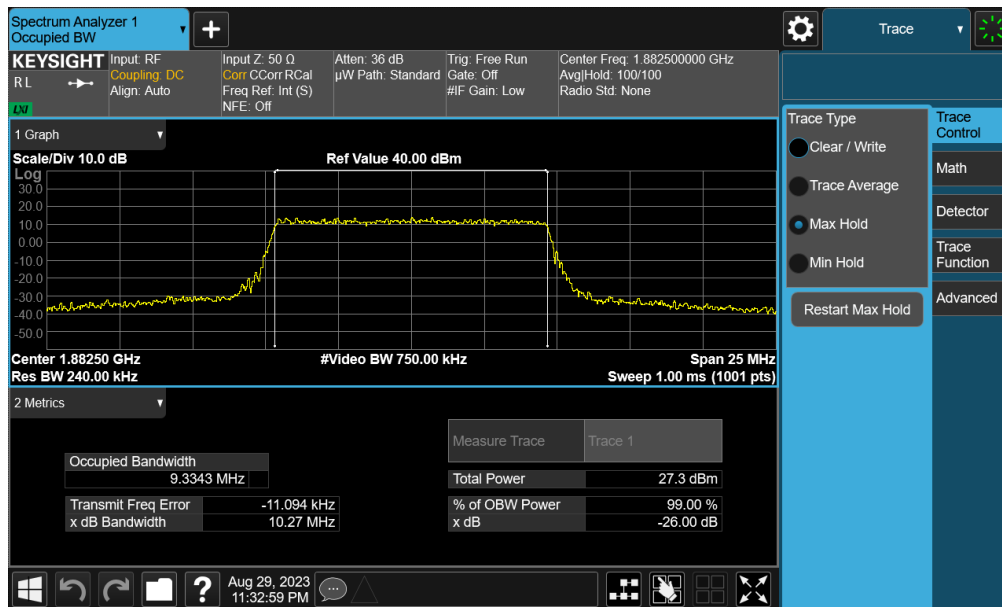


Plot 7-45. Occupied Bandwidth Plot (NR Band n25/2 - 15.0MHz CP-OFDM 16QAM - Full RB - ANT 7)

|                                         |                                       |                               |                                   |
|-----------------------------------------|---------------------------------------|-------------------------------|-----------------------------------|
| FCC ID: A3LSMS928B                      | PART 24 MEASUREMENT REPORT            |                               | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1M2308210093-02.A3L | Test Dates:<br>8/23/2023 - 10/18/2023 | EUT Type:<br>Portable Handset | Page 40 of 117                    |

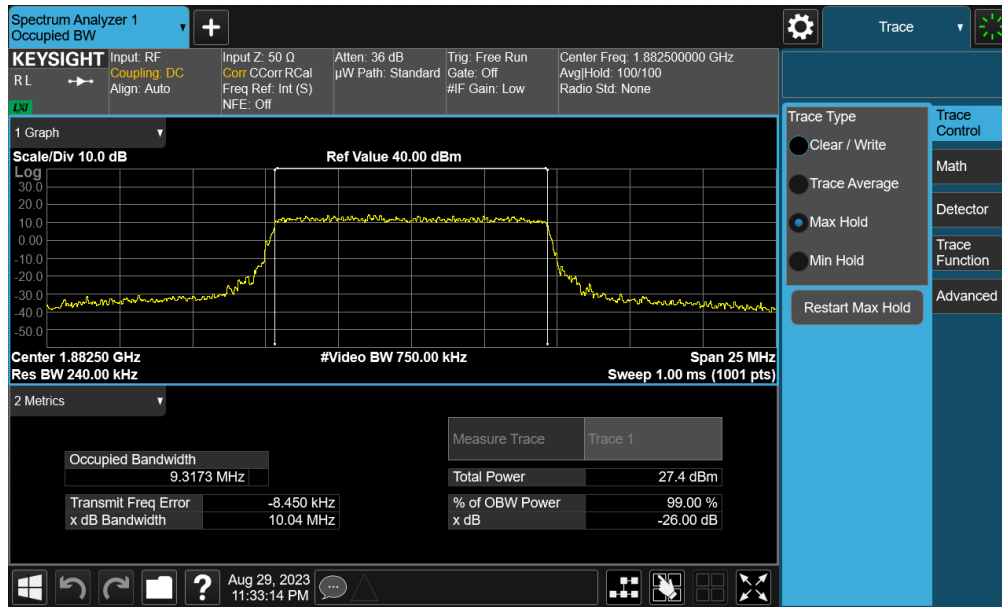


Plot 7-46. Occupied Bandwidth Plot (NR Band n25/2 - 10.0MHz DFT-s-OFDM BPSK - Full RB - ANT 7)

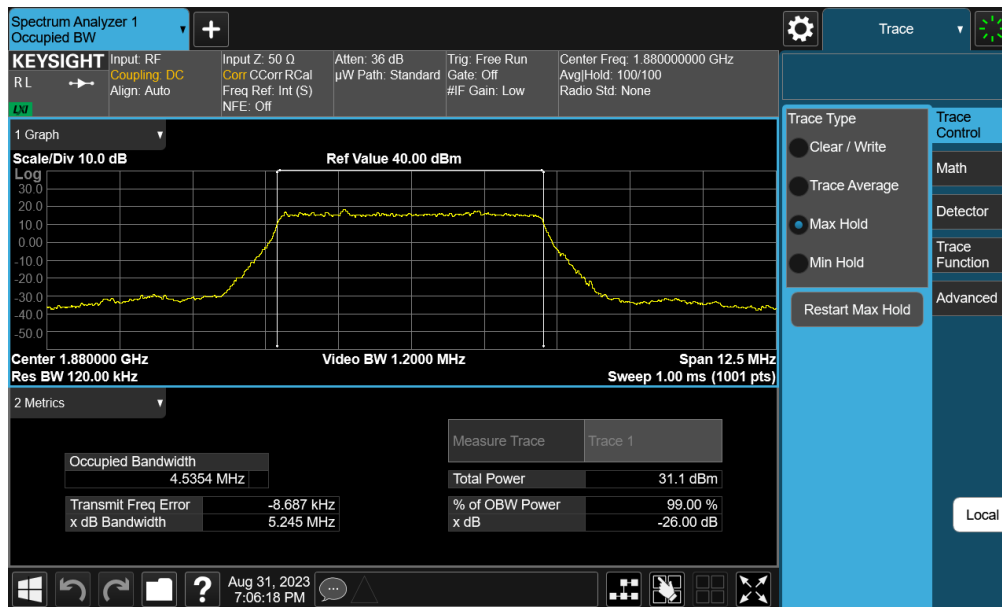


Plot 7-47. Occupied Bandwidth Plot (NR Band n25/2 - 10.0MHz CP-OFDM QPSK - Full RB - ANT 7)

|                                         |                                       |                               |                                   |
|-----------------------------------------|---------------------------------------|-------------------------------|-----------------------------------|
| FCC ID: A3LSMS928B                      | PART 24 MEASUREMENT REPORT            |                               | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1M2308210093-02.A3L | Test Dates:<br>8/23/2023 - 10/18/2023 | EUT Type:<br>Portable Handset | Page 41 of 117                    |

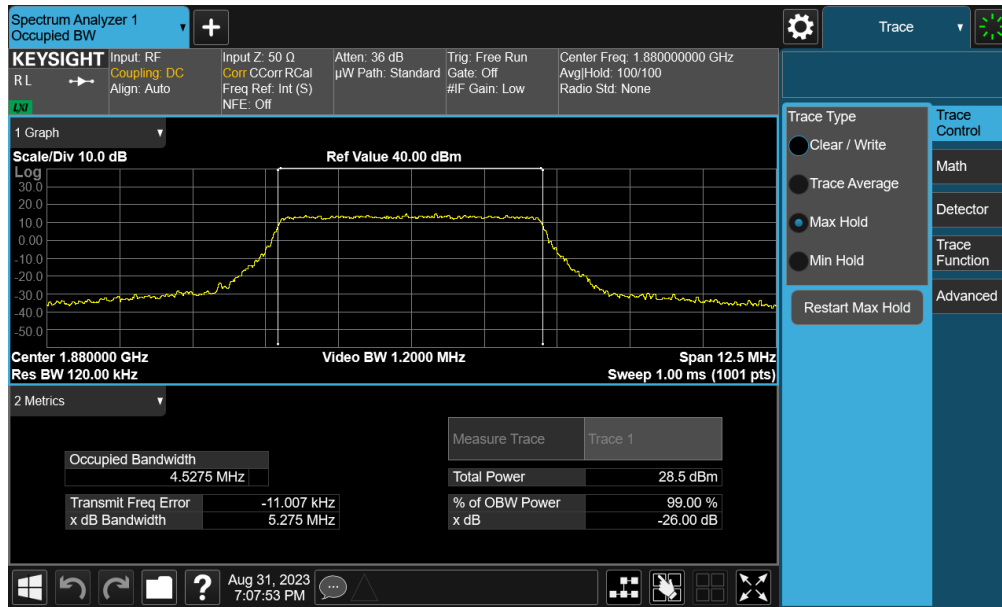


Plot 7-48. Occupied Bandwidth Plot (NR Band n25/2 - 10.0MHz CP-OFDM 16QAM - Full RB - ANT 7)

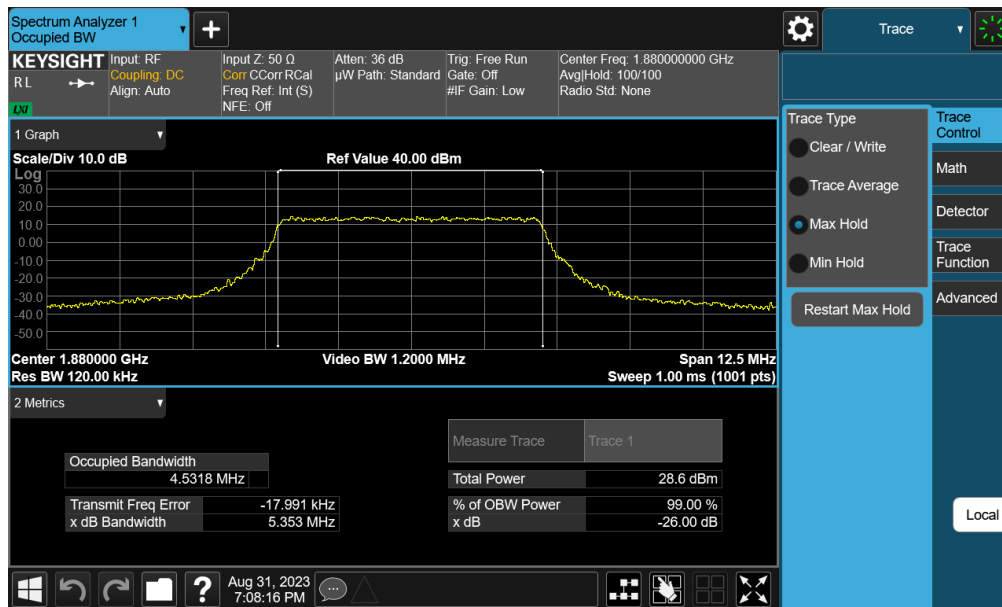


Plot 7-49. Occupied Bandwidth Plot (NR Band n25/2 - 5.0MHz DFT-s-OFDM BPSK - Full RB - ANT 7)

|                                         |                                       |                               |                                   |
|-----------------------------------------|---------------------------------------|-------------------------------|-----------------------------------|
| FCC ID: A3LSMS928B                      | PART 24 MEASUREMENT REPORT            |                               | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1M2308210093-02.A3L | Test Dates:<br>8/23/2023 - 10/18/2023 | EUT Type:<br>Portable Handset | Page 42 of 117                    |



Plot 7-50. Occupied Bandwidth Plot (NR Band n25/2 - 5.0MHz CP-OFDM QPSK - Full RB - ANT 7)



Plot 7-51. Occupied Bandwidth Plot (NR Band n25/2 - 5.0MHz CP-OFDM 16QAM - Full RB - ANT 7)

|                                         |                                       |                               |                                   |
|-----------------------------------------|---------------------------------------|-------------------------------|-----------------------------------|
| FCC ID: A3LSMS928B                      | PART 24 MEASUREMENT REPORT            |                               | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1M2308210093-02.A3L | Test Dates:<br>8/23/2023 - 10/18/2023 | EUT Type:<br>Portable Handset | Page 43 of 117                    |

## 7.4 Spurious and Harmonic Emissions at Antenna Terminal

### Test Overview

The level of the carrier and the various conducted spurious and harmonic frequencies is measured by means of a calibrated spectrum analyzer. The spectrum is scanned from the lowest frequency generated in the equipment up to a frequency including its 10<sup>th</sup> harmonic. All out of band emissions are measured with a spectrum analyzer connected to the antenna terminal of the EUT while the EUT is operating at maximum power, and at the appropriate frequencies. All data rates were investigated to determine the worst-case configuration. All modes of operation were investigated and the worst-case configuration results are reported in this section.

***The minimum permissible attenuation level of any spurious emission is  $43 + 10 \log_{10}(P_{\text{Watts}})$ , where  $P$  is the transmitter power in Watts.***

### Test Procedure Used

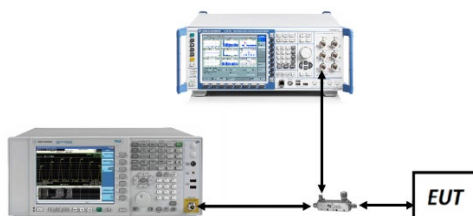
ANSI C63.26-2015 – Section 5.7.4

### Test Settings

1. Start frequency was set to 30MHz and stop frequency was set to 20GHz (separated into at least two plots per channel)
2. Detector = RMS
3. Trace mode = trace average for continuous emissions, max hold for pulse emissions
4. Sweep time = auto couple
5. The trace was allowed to stabilize
6. Please see test notes below for RBW and VBW settings

### Test Setup

The EUT and measurement equipment were set up as shown in the diagram below.



**Figure 7-3. Test Instrument & Measurement Setup**

### Test Notes

1. Per Part 24, compliance with the applicable limits is based on the use of measurement instrumentation employing a resolution bandwidth of 1 MHz.
2. For NR operation, all subcarrier spacings (SCS) and transmission schemes (e.g. CP-OFDM and DFT-s-OFDM) were investigated to determine the worst case configuration. All modes of operation were investigated and the worst-case configuration results are reported in this section.

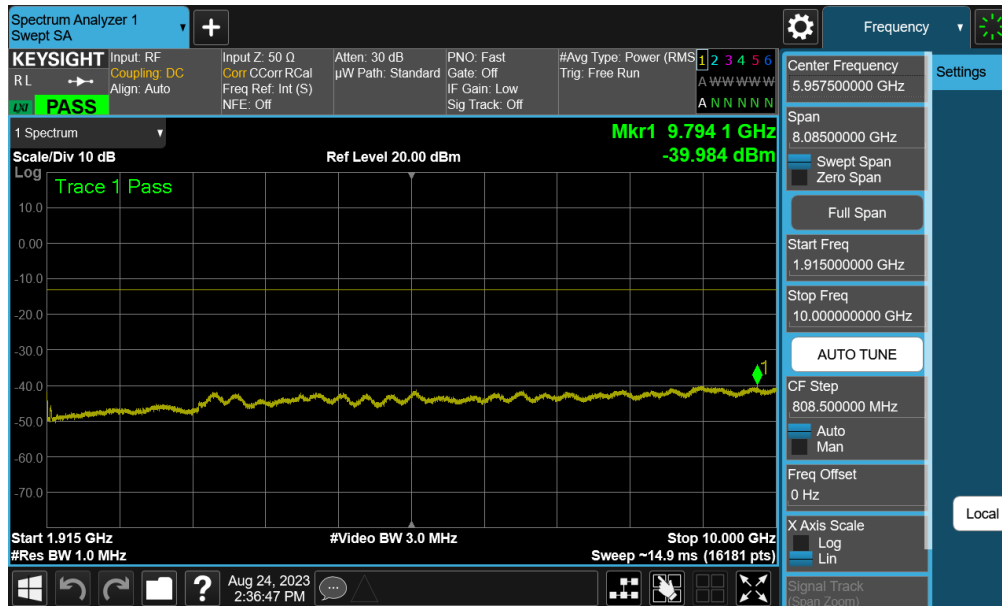
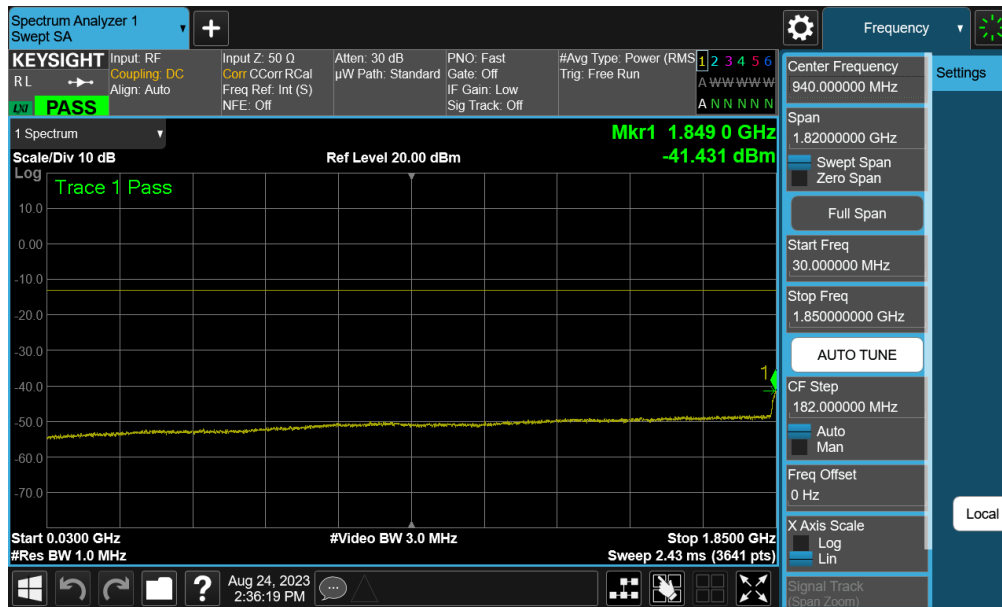
|                                         |                                       |                               |                                   |
|-----------------------------------------|---------------------------------------|-------------------------------|-----------------------------------|
| FCC ID: A3LSMS928B                      | PART 24 MEASUREMENT REPORT            |                               | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1M2308210093-02.A3L | Test Dates:<br>8/23/2023 - 10/18/2023 | EUT Type:<br>Portable Handset | Page 44 of 117                    |

| Mode      | Bandwidth | Channel | Range [MHz]       | Level [dBm] | Limit [dBm] | Margin [dB] |
|-----------|-----------|---------|-------------------|-------------|-------------|-------------|
| GSM-PCS   | 250 kHz   | Low     | 30.0 - 1845.0     | -27.31      | -13         | -14.31      |
|           |           | Low     | 1910.0 - 10000.0  | -31.44      | -13         | -18.44      |
|           |           | Low     | 10000.0 - 20000.0 | -45.11      | -13         | -32.11      |
|           |           | Mid     | 30.0 - 1850.0     | -38.97      | -13         | -25.97      |
|           |           | Mid     | 1910.0 - 10000.0  | -32.12      | -13         | -19.12      |
|           |           | Mid     | 10000.0 - 20000.0 | -45.10      | -13         | -32.10      |
|           |           | High    | 30.0 - 1850.0     | -38.54      | -13         | -25.54      |
|           |           | High    | 1915.0 - 10000.0  | -31.73      | -13         | -18.73      |
|           |           | High    | 10000.0 - 20000.0 | -45.40      | -13         | -32.40      |
| WCDMA-PCS | 5 MHz     | Low     | 30.0 - 1845.0     | -31.73      | -13         | -18.72      |
|           |           | Low     | 1910.0 - 10000.0  | -39.96      | -13         | -26.96      |
|           |           | Low     | 10000.0 - 20000.0 | -53.18      | -13         | -40.18      |
|           |           | Mid     | 30.0 - 1850.0     | -48.12      | -13         | -35.12      |
|           |           | Mid     | 1910.0 - 10000.0  | -39.78      | -13         | -26.78      |
|           |           | Mid     | 10000.0 - 20000.0 | -53.18      | -13         | -40.18      |
|           |           | High    | 30.0 - 1850.0     | -48.07      | -13         | -35.07      |
|           |           | High    | 1915.0 - 10000.0  | -31.92      | -13         | -18.92      |
|           |           | High    | 10000.0 - 20000.0 | -53.25      | -13         | -40.25      |
| LTE-B25-2 | 20 MHz    | Low     | 30.0 - 1849.0     | -26.48      | -13         | -13.48      |
|           |           | Low     | 1915.0 - 10000.0  | -40.08      | -13         | -27.08      |
|           |           | Low     | 10000.0 - 20000.0 | -53.53      | -13         | -40.53      |
|           |           | Mid     | 30.0 - 1850.0     | -41.43      | -13         | -28.43      |
|           |           | Mid     | 1915.0 - 10000.0  | -39.98      | -13         | -26.98      |
|           |           | Mid     | 10000.0 - 20000.0 | -53.44      | -13         | -40.44      |
|           |           | High    | 30.0 - 1850.0     | -48.01      | -13         | -35.01      |
|           |           | High    | 1916.0 - 10000.0  | -22.36      | -13         | -9.35       |
|           |           | High    | 10000.0 - 20000.0 | -53.32      | -13         | -40.32      |
| NR-n25-2  | 20 MHz    | Low     | 30.0 - 1850.0     | -47.86      | -13         | -34.86      |
|           |           | Low     | 1915.0 - 10000.0  | -40.08      | -13         | -27.08      |
|           |           | Low     | 10000.0 - 20000.0 | -53.49      | -13         | -40.49      |
|           |           | Mid     | 30.0 - 1850.0     | -48.14      | -13         | -35.13      |
|           |           | Mid     | 1915.0 - 10000.0  | -39.94      | -13         | -26.94      |
|           |           | Mid     | 10000.0 - 20000.0 | -53.31      | -13         | -40.31      |
|           |           | High    | 30.0 - 1850.0     | -47.93      | -13         | -34.93      |
|           |           | High    | 1915.0 - 10000.0  | -40.08      | -13         | -27.08      |
|           |           | High    | 10000.0 - 20000.0 | -53.38      | -13         | -40.38      |

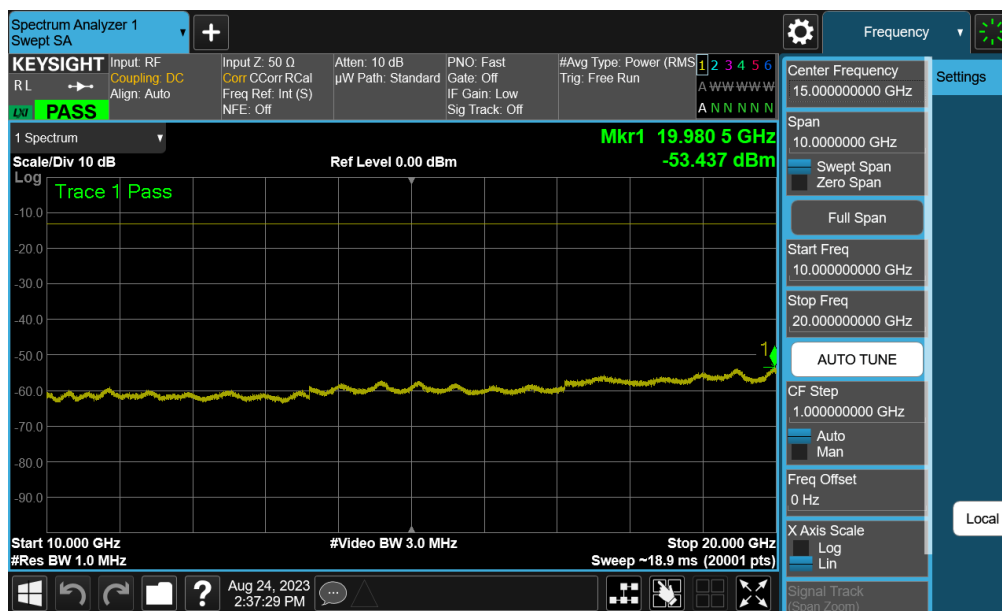
**Table 7-6. Conducted Spurious Emission Results – Ant 0**

|                                         |                                       |                               |                                   |
|-----------------------------------------|---------------------------------------|-------------------------------|-----------------------------------|
| FCC ID: A3LSMS928B                      | PART 24 MEASUREMENT REPORT            |                               | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1M2308210093-02.A3L | Test Dates:<br>8/23/2023 - 10/18/2023 | EUT Type:<br>Portable Handset | Page 45 of 117                    |

## LTE Band 25/2 – Ant 0



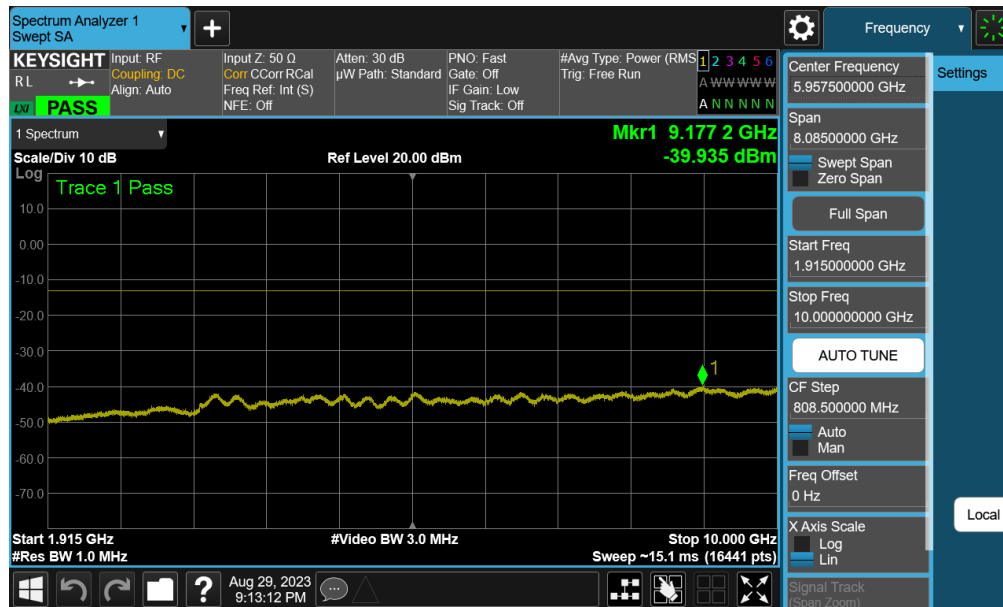
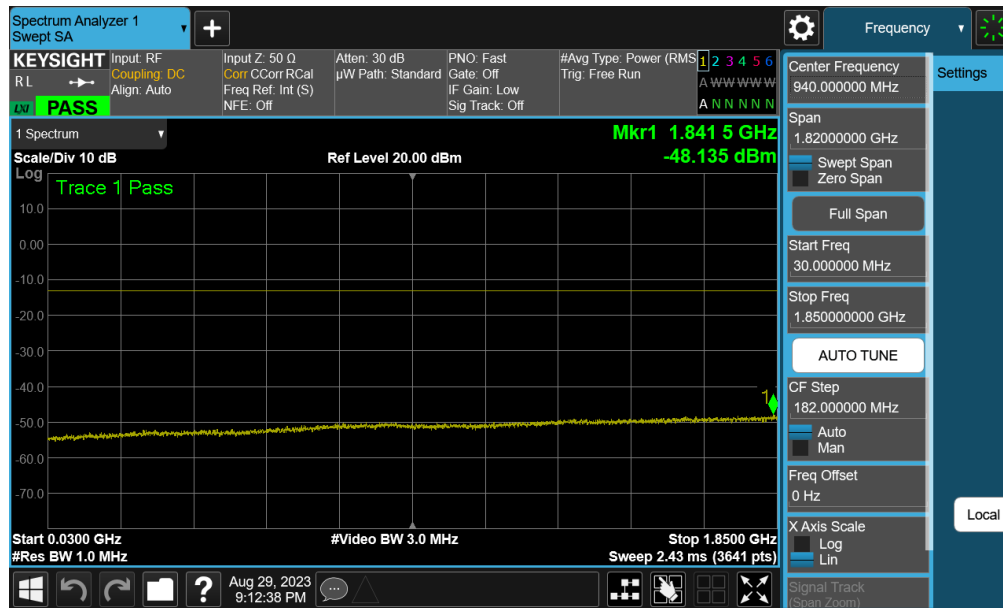
|                                         |                                       |                               |                                   |
|-----------------------------------------|---------------------------------------|-------------------------------|-----------------------------------|
| FCC ID: A3LSMS928B                      | PART 24 MEASUREMENT REPORT            |                               | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1M2308210093-02.A3L | Test Dates:<br>8/23/2023 - 10/18/2023 | EUT Type:<br>Portable Handset | Page 46 of 117                    |



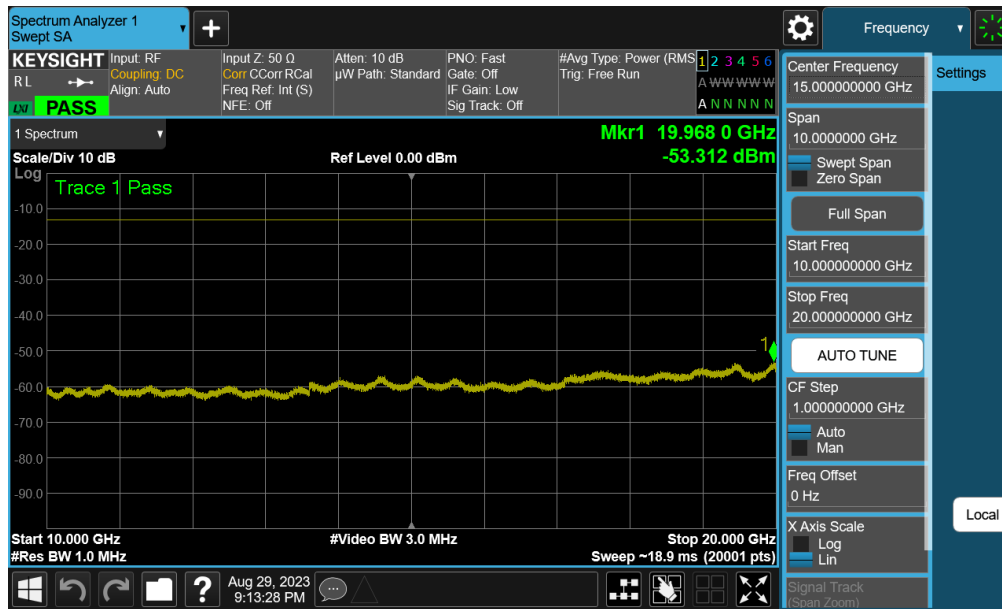
Plot 7-54. Conducted Spurious Plot (LTE Band 25/2 - 20MHz QPSK - 1RB - Mid Channel - Ant 0)

|                                         |                                       |                               |                                   |
|-----------------------------------------|---------------------------------------|-------------------------------|-----------------------------------|
| FCC ID: A3LSMS928B                      | PART 24 MEASUREMENT REPORT            |                               | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1M2308210093-02.A3L | Test Dates:<br>8/23/2023 - 10/18/2023 | EUT Type:<br>Portable Handset | Page 47 of 117                    |

## NR Band n25/2 – Ant 0



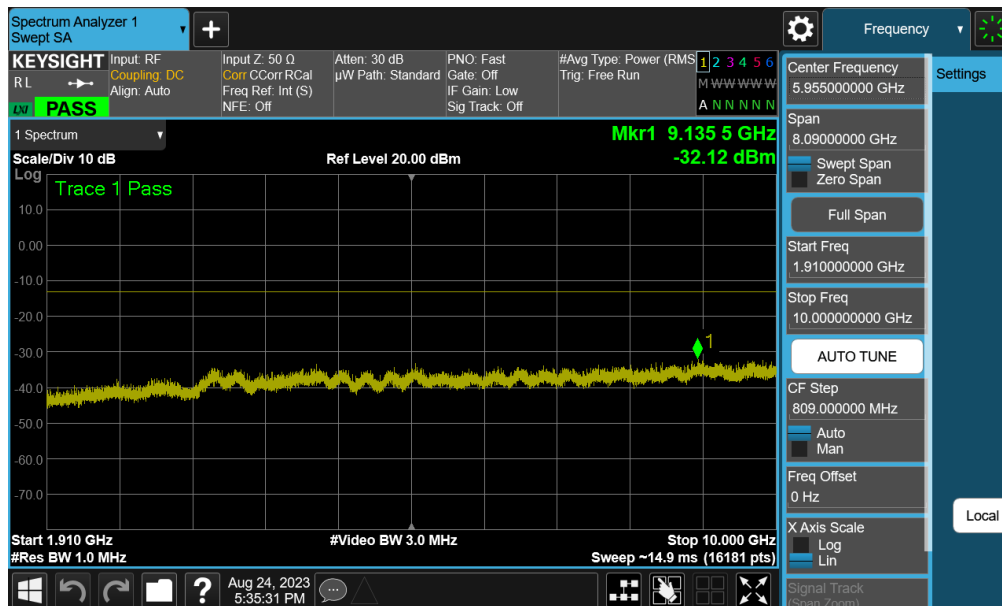
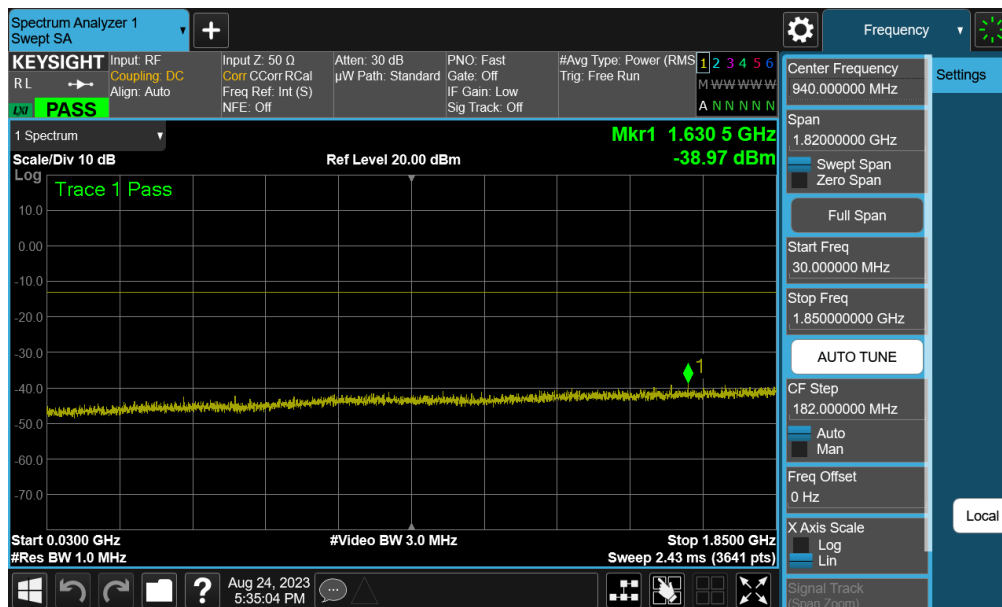
|                                         |                                       |                               |                                   |
|-----------------------------------------|---------------------------------------|-------------------------------|-----------------------------------|
| FCC ID: A3LSMS928B                      | PART 24 MEASUREMENT REPORT            |                               | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1M2308210093-02.A3L | Test Dates:<br>8/23/2023 - 10/18/2023 | EUT Type:<br>Portable Handset | Page 48 of 117                    |



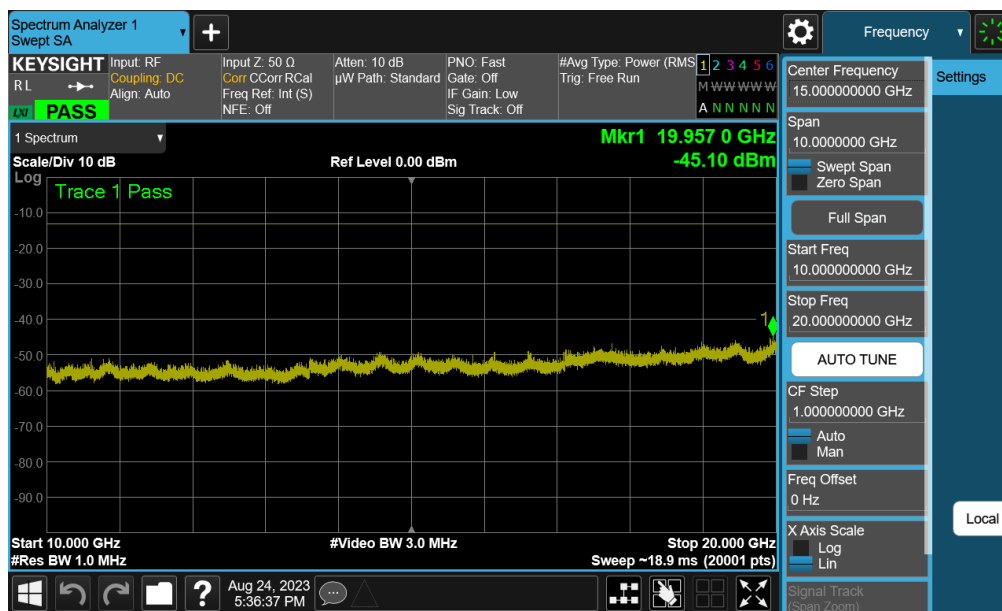
Plot 7-57. Conducted Spurious Plot (NR Band n25/2 - 20.0MHz - 1RB - Mid Channel - Ant 0)

|                                         |                                       |                               |                                   |
|-----------------------------------------|---------------------------------------|-------------------------------|-----------------------------------|
| FCC ID: A3LSMS928B                      | PART 24 MEASUREMENT REPORT            |                               | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1M2308210093-02.A3L | Test Dates:<br>8/23/2023 - 10/18/2023 | EUT Type:<br>Portable Handset | Page 49 of 117                    |

## GSM/GPRS PCS – Ant 0



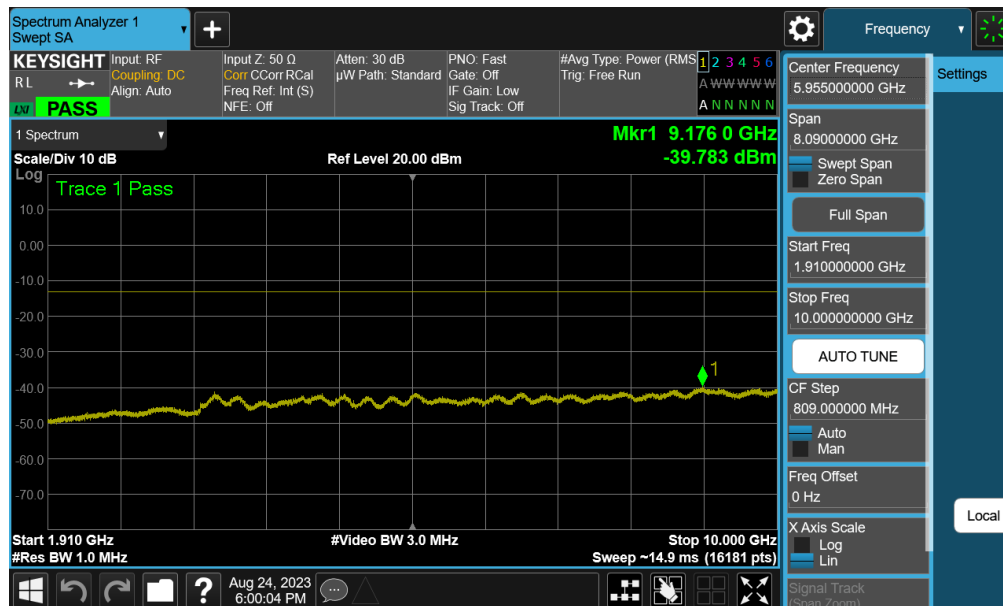
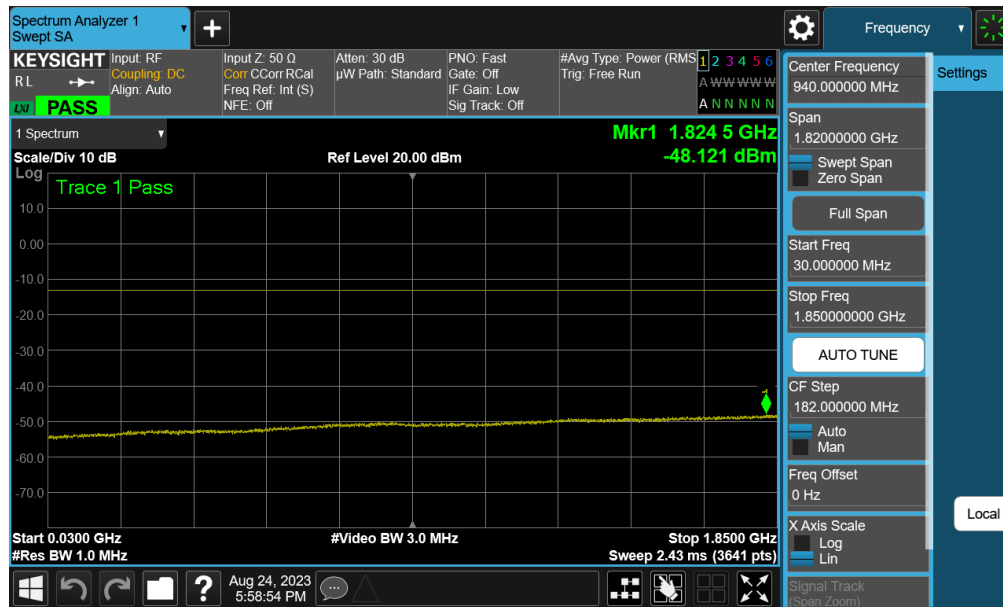
|                                         |                                       |                               |                                   |
|-----------------------------------------|---------------------------------------|-------------------------------|-----------------------------------|
| FCC ID: A3LSMS928B                      | PART 24 MEASUREMENT REPORT            |                               | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1M2308210093-02.A3L | Test Dates:<br>8/23/2023 - 10/18/2023 | EUT Type:<br>Portable Handset | Page 50 of 117                    |



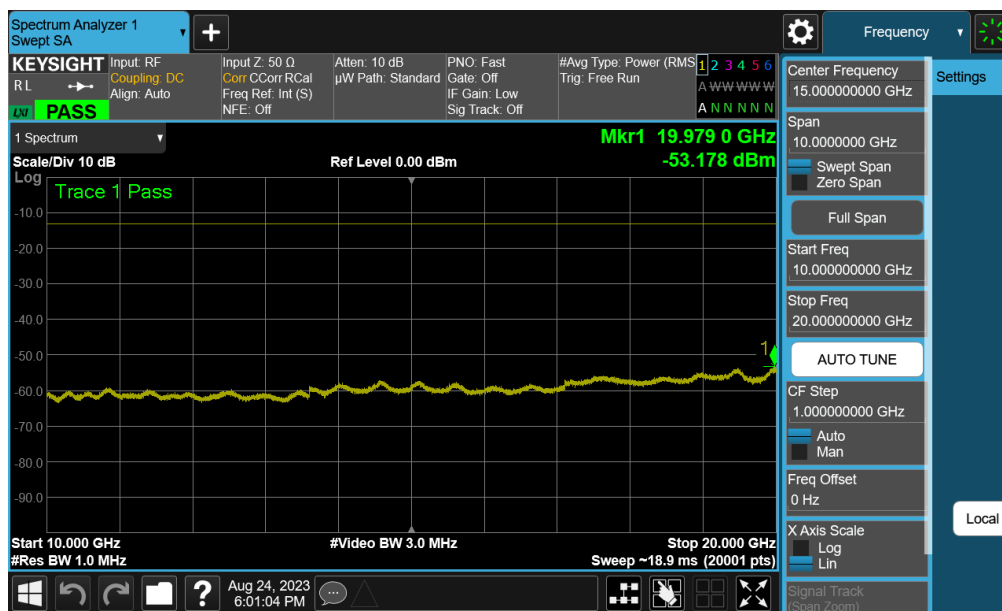
Plot 7-60. Conducted Spurious Plot (GPRS Ch. 661 - Ant 0)

|                                         |                                       |                               |                                   |
|-----------------------------------------|---------------------------------------|-------------------------------|-----------------------------------|
| FCC ID: A3LSMS928B                      | PART 24 MEASUREMENT REPORT            |                               | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1M2308210093-02.A3L | Test Dates:<br>8/23/2023 - 10/18/2023 | EUT Type:<br>Portable Handset | Page 51 of 117                    |

## WCDMA PCS – Ant 0



|                                         |                                       |                               |                                   |
|-----------------------------------------|---------------------------------------|-------------------------------|-----------------------------------|
| FCC ID: A3LSMS928B                      | PART 24 MEASUREMENT REPORT            |                               | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1M2308210093-02.A3L | Test Dates:<br>8/23/2023 - 10/18/2023 | EUT Type:<br>Portable Handset | Page 52 of 117                    |



Plot 7-63. Conducted Spurious Plot (WCDMA Ch. 9400 - Ant 0)

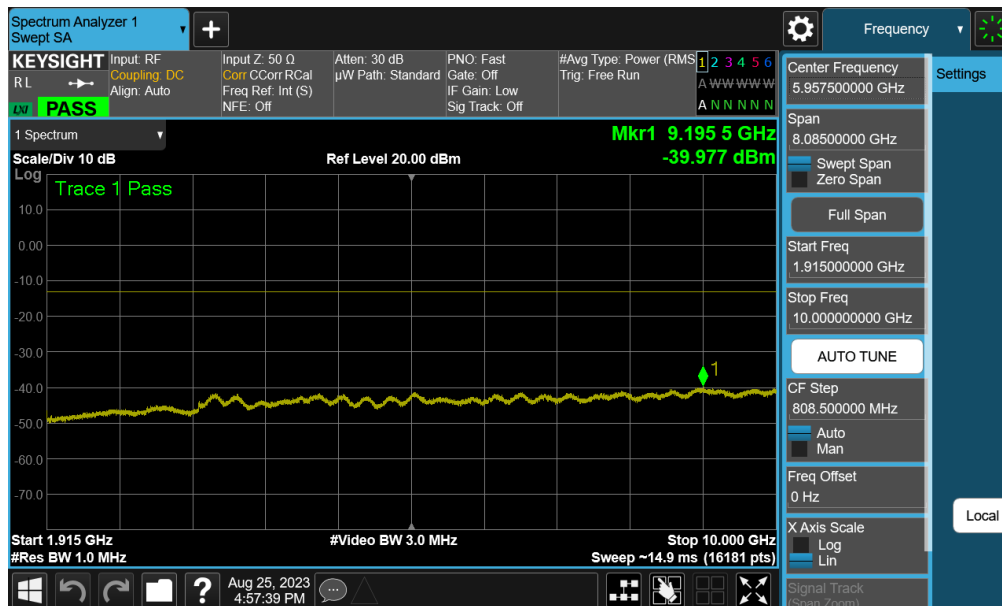
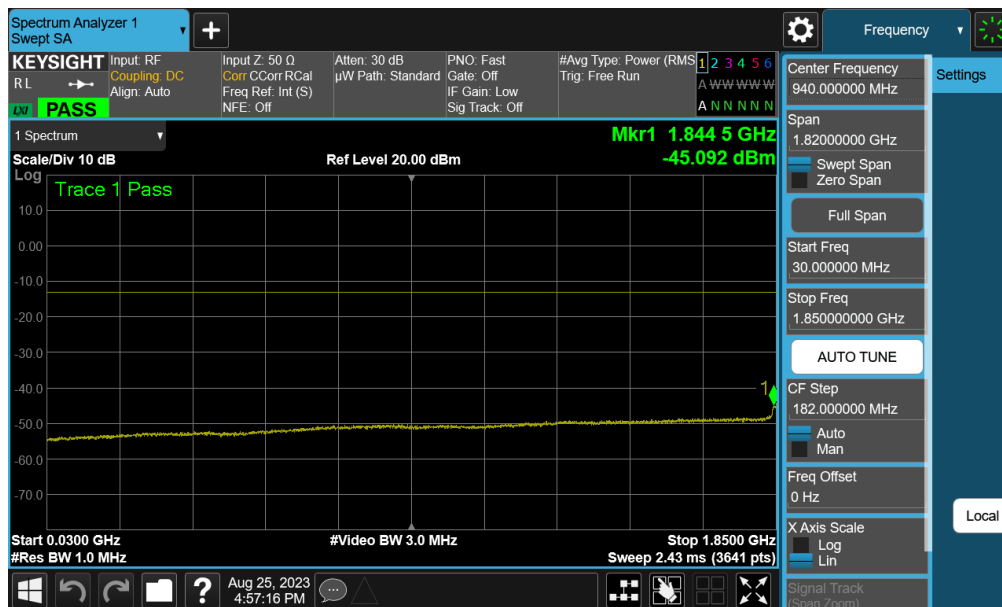
|                                         |                                       |                               |                                   |
|-----------------------------------------|---------------------------------------|-------------------------------|-----------------------------------|
| FCC ID: A3LSMS928B                      | PART 24 MEASUREMENT REPORT            |                               | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1M2308210093-02.A3L | Test Dates:<br>8/23/2023 - 10/18/2023 | EUT Type:<br>Portable Handset | Page 53 of 117                    |

| Mode      | Bandwidth | Channel | Range [MHz]       | Level [dBm] | Limit [dBm] | Margin [dB] |
|-----------|-----------|---------|-------------------|-------------|-------------|-------------|
| LTE-B25-2 | 20 MHz    | Low     | 30.0 - 1849.0     | -29.47      | -13         | -16.47      |
|           |           | Low     | 1915.0 - 10000.0  | -40.12      | -13         | -27.12      |
|           |           | Low     | 10000.0 - 20000.0 | -53.30      | -13         | -40.30      |
|           |           | Mid     | 30.0 - 1850.0     | -45.09      | -13         | -32.09      |
|           |           | Mid     | 1915.0 - 10000.0  | -39.98      | -13         | -26.98      |
|           |           | Mid     | 10000.0 - 20000.0 | -53.35      | -13         | -40.35      |
|           |           | High    | 30.0 - 1850.0     | -47.84      | -13         | -34.84      |
|           |           | High    | 1916.0 - 10000.0  | -22.43      | -13         | -9.43       |
|           |           | High    | 10000.0 - 20000.0 | -53.30      | -13         | -40.30      |
| NR-n25-2  | 20 MHz    | Low     | 30.0 - 1850.0     | -44.86      | -13         | -31.86      |
|           |           | Low     | 1915.0 - 10000.0  | -39.89      | -13         | -26.89      |
|           |           | Low     | 10000.0 - 20000.0 | -53.22      | -13         | -40.22      |
|           |           | Mid     | 30.0 - 1850.0     | -48.39      | -13         | -35.39      |
|           |           | Mid     | 1915.0 - 10000.0  | -39.83      | -13         | -26.83      |
|           |           | Mid     | 10000.0 - 20000.0 | -53.34      | -13         | -40.34      |
|           |           | High    | 30.0 - 1850.0     | -48.08      | -13         | -35.01      |
|           |           | High    | 1915.0 - 10000.0  | -39.75      | -13         | -26.75      |
|           |           | High    | 10000.0 - 20000.0 | -53.07      | -13         | -40.07      |

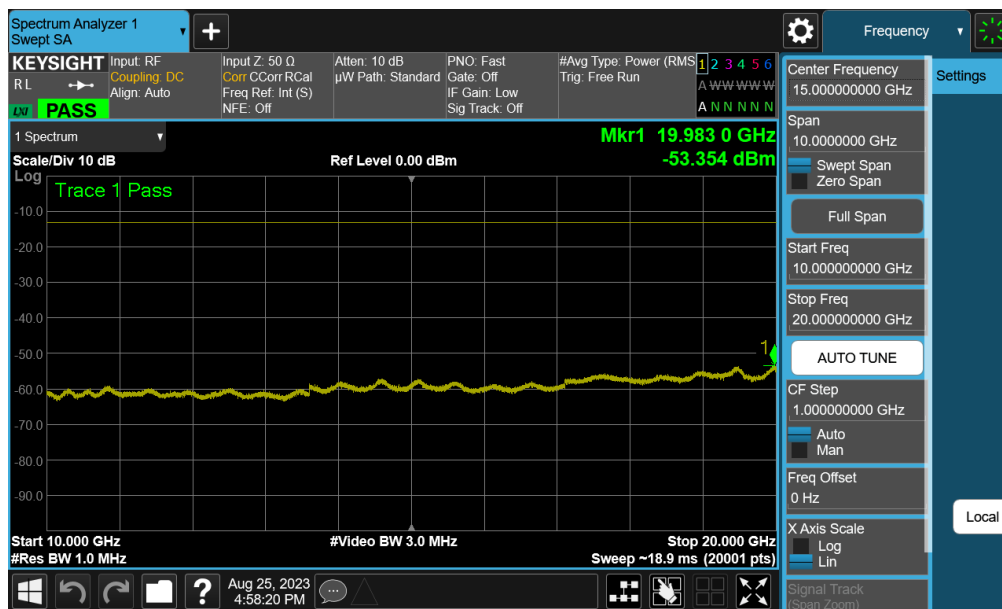
**Table 7-7. Conducted Spurious Emission Results – Ant 7**

|                                                |                                              |                                      |                                          |
|------------------------------------------------|----------------------------------------------|--------------------------------------|------------------------------------------|
| <b>FCC ID:</b> A3LSMS928B                      | <b>PART 24 MEASUREMENT REPORT</b>            |                                      | <b>Approved by:</b><br>Technical Manager |
| <b>Test Report S/N:</b><br>1M2308210093-02.A3L | <b>Test Dates:</b><br>8/23/2023 - 10/18/2023 | <b>EUT Type:</b><br>Portable Handset | Page 54 of 117                           |

## LTE Band 25/2 – Ant 7



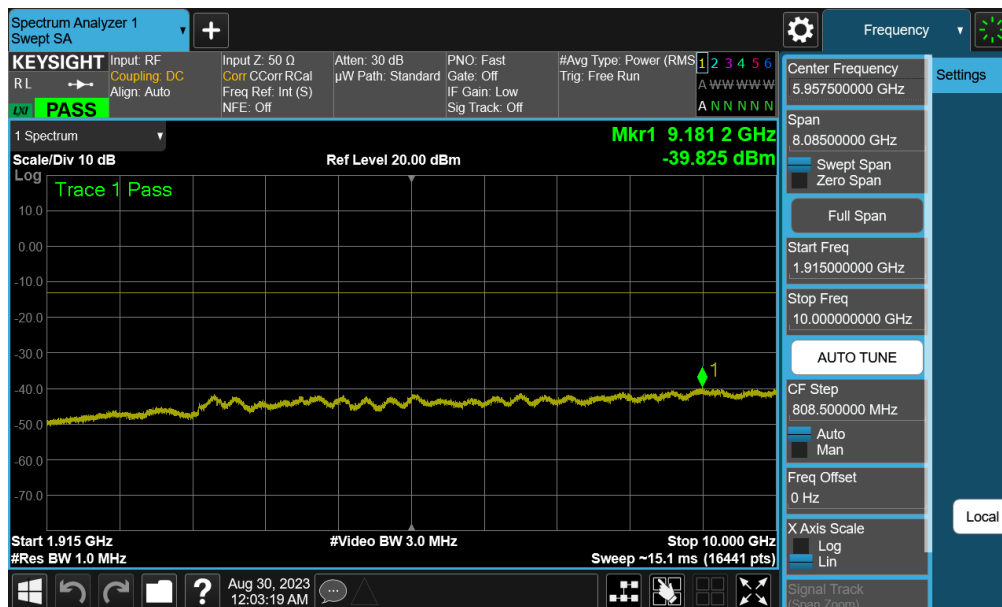
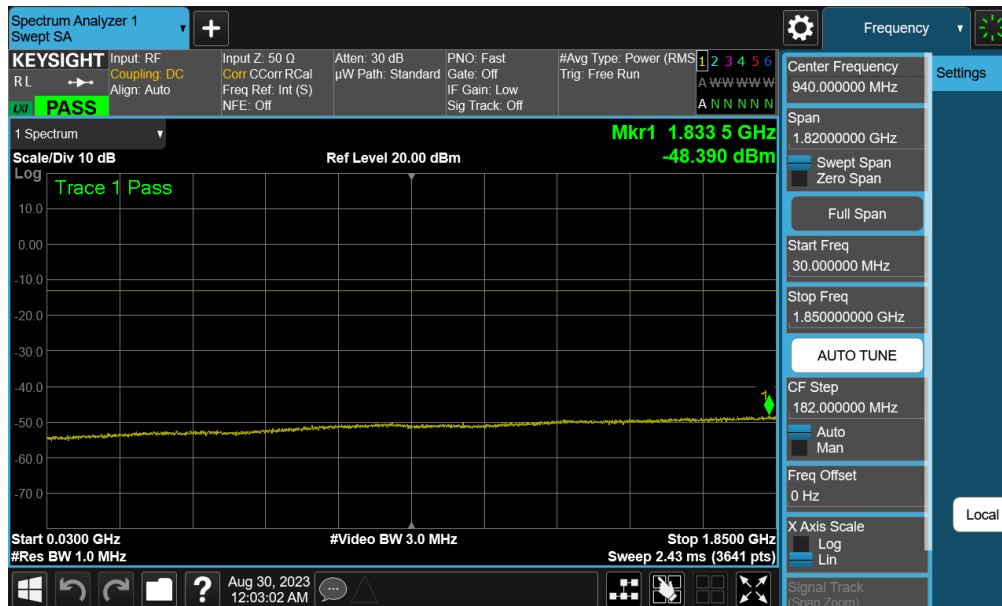
|                                         |                                       |                               |                                   |
|-----------------------------------------|---------------------------------------|-------------------------------|-----------------------------------|
| FCC ID: A3LSMS928B                      | PART 24 MEASUREMENT REPORT            |                               | Approved by:<br>Technical Manager |
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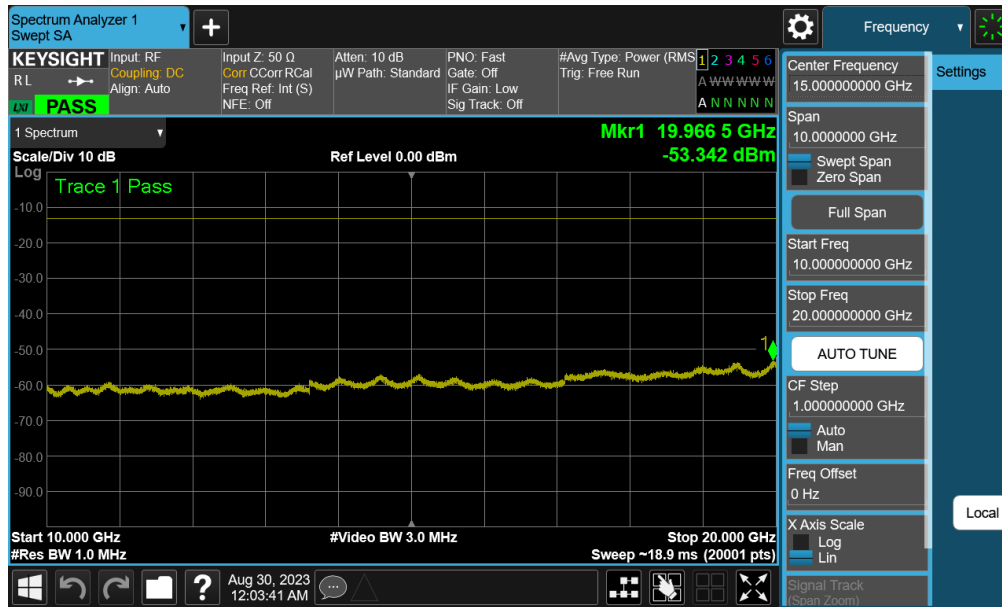
Plot 7-66. Conducted Spurious Plot (LTE Band 25/2 - 20MHz QPSK - 1RB - Mid Channel - Ant 7)

|                                         |                                       |                               |                                   |
|-----------------------------------------|---------------------------------------|-------------------------------|-----------------------------------|
| FCC ID: A3LSMS928B                      | PART 24 MEASUREMENT REPORT            |                               | Approved by:<br>Technical Manager |
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## NR Band n25/2 – Ant 7



|                                         |                                       |                               |                                   |
|-----------------------------------------|---------------------------------------|-------------------------------|-----------------------------------|
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Plot 7-69. Conducted Spurious Plot (NR Band n25/2 - 20.0MHz - 1RB - Mid Channel - Ant 7)

|                                         |                                       |                               |                                   |
|-----------------------------------------|---------------------------------------|-------------------------------|-----------------------------------|
| FCC ID: A3LSMS928B                      | PART 24 MEASUREMENT REPORT            |                               | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1M2308210093-02.A3L | Test Dates:<br>8/23/2023 - 10/18/2023 | EUT Type:<br>Portable Handset | Page 58 of 117                    |

## 7.5 Band Edge Emissions at Antenna Terminal

### Test Overview

All out of band emissions are measured with a spectrum analyzer connected to the antenna terminal of the EUT while the EUT is operating at maximum power, and at the appropriate frequencies. All data rates were investigated to determine the worst-case configuration. All modes of operation were investigated and the worst-case configuration results are reported in this section.

***The minimum permissible attenuation level of any spurious emission is  $43 + 10 \log_{10}(P_{\text{Watts}})$ , where  $P$  is the transmitter power in Watts.***

### Test Procedure Used

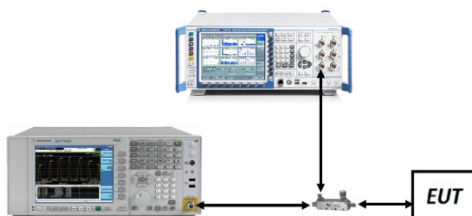
ANSI C63.26-2015 – Section 5.7.3

### Test Settings

1. Start and stop frequency were set such that the band edge would be placed in the center of the plot
2. Span was set large enough so as to capture all out of band emissions near the band edge
3.  $\text{RBW} \geq 1\%$  of the emission bandwidth
4.  $\text{VBW} \geq 3 \times \text{RBW}$
5. Detector = RMS
6. Number of sweep points  $\geq 2 \times \text{Span}/\text{RBW}$
7. Trace mode = trace average for continuous emissions, max hold for pulse emissions
8. Sweep time = auto couple
9. The trace was allowed to stabilize

### Test Setup

The EUT and measurement equipment were set up as shown in the diagram below.



**Figure 7-4. Test Instrument & Measurement Setup**

|                                         |                                       |                               |                                   |
|-----------------------------------------|---------------------------------------|-------------------------------|-----------------------------------|
| FCC ID: A3LSMS928B                      | PART 24 MEASUREMENT REPORT            |                               | Approved by:<br>Technical Manager |
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## **Test Notes**

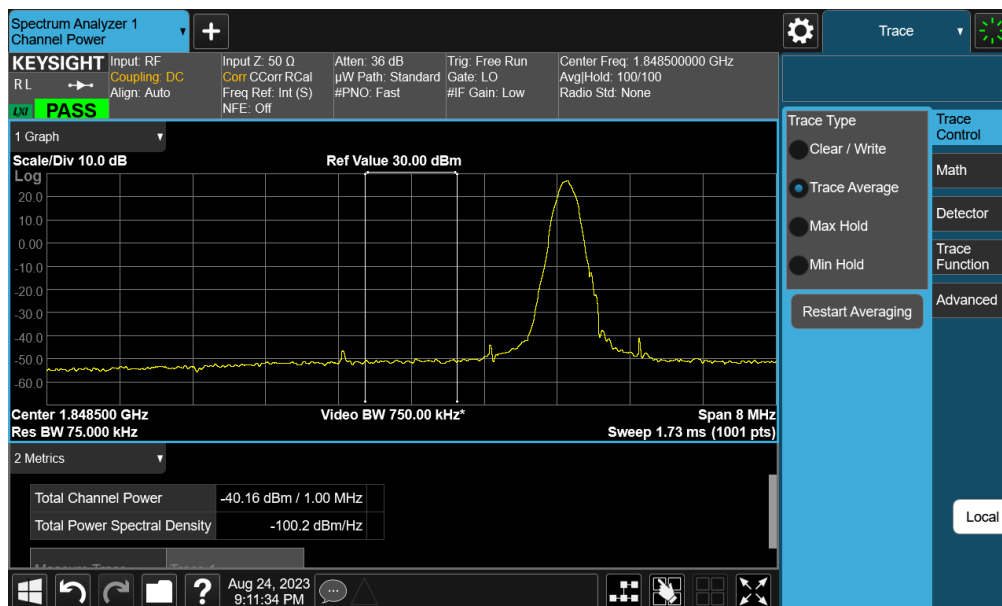
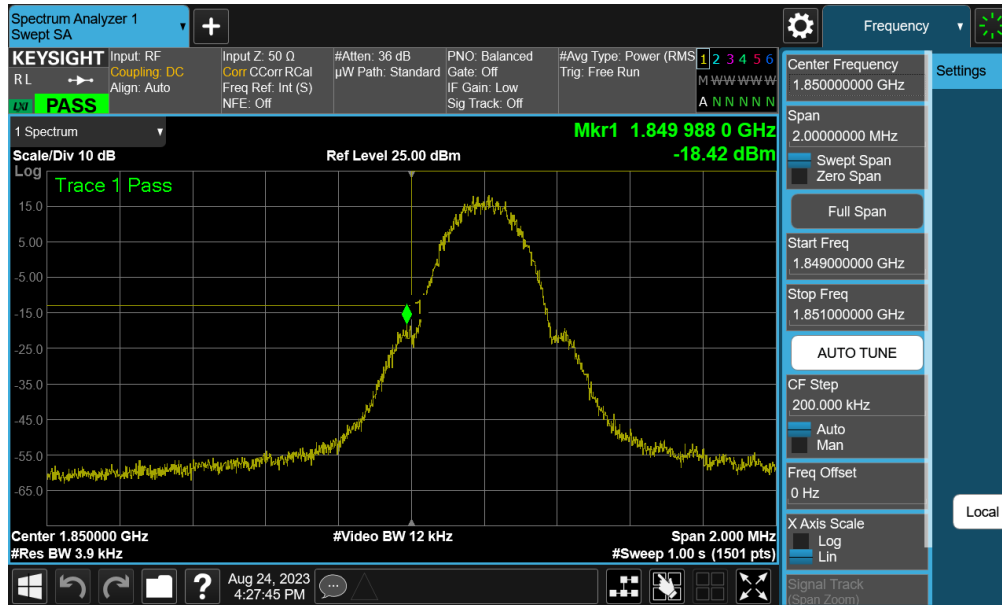
1. Per 24.238(b), in the 1 MHz bands immediately outside and adjacent to the frequency block a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed to demonstrate compliance with the out-of-band emissions limit. The emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emission are attenuated at least 26 dB below the transmitter power.
2. For NR operation, all subcarrier spacings (SCS) and transmission schemes (e.g. CP-OFDM and DFT-s-OFDM) were investigated to determine the worst case configuration. All modes of operation were investigated and the worst case configuration results are reported in this section.

|                                                |                                              |                                      |                                          |
|------------------------------------------------|----------------------------------------------|--------------------------------------|------------------------------------------|
| <b>FCC ID:</b> A3LSMS928B                      | <b>PART 24 MEASUREMENT REPORT</b>            |                                      | <b>Approved by:</b><br>Technical Manager |
| <b>Test Report S/N:</b><br>1M2308210093-02.A3L | <b>Test Dates:</b><br>8/23/2023 - 10/18/2023 | <b>EUT Type:</b><br>Portable Handset | Page 60 of 117                           |

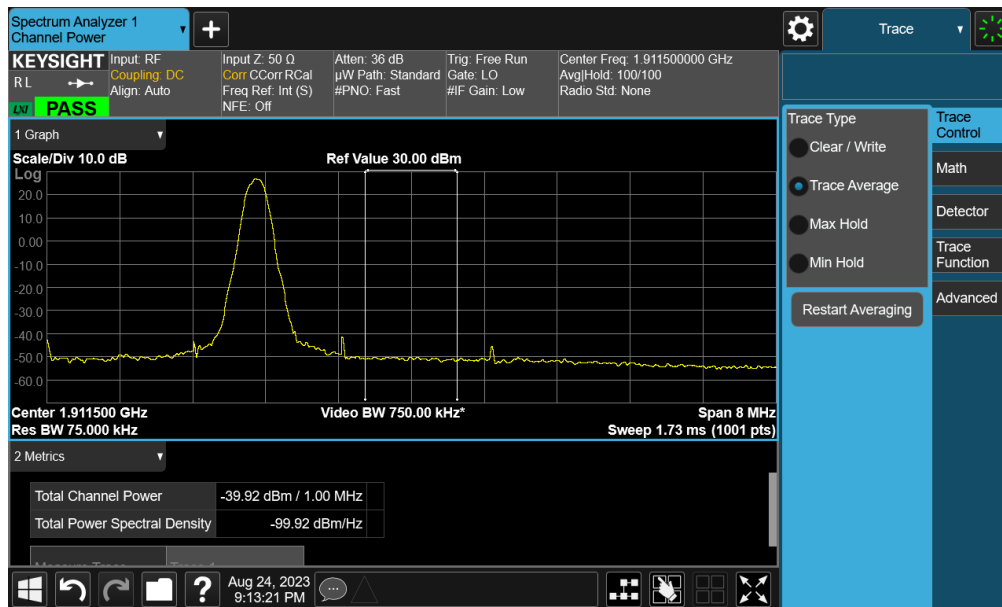
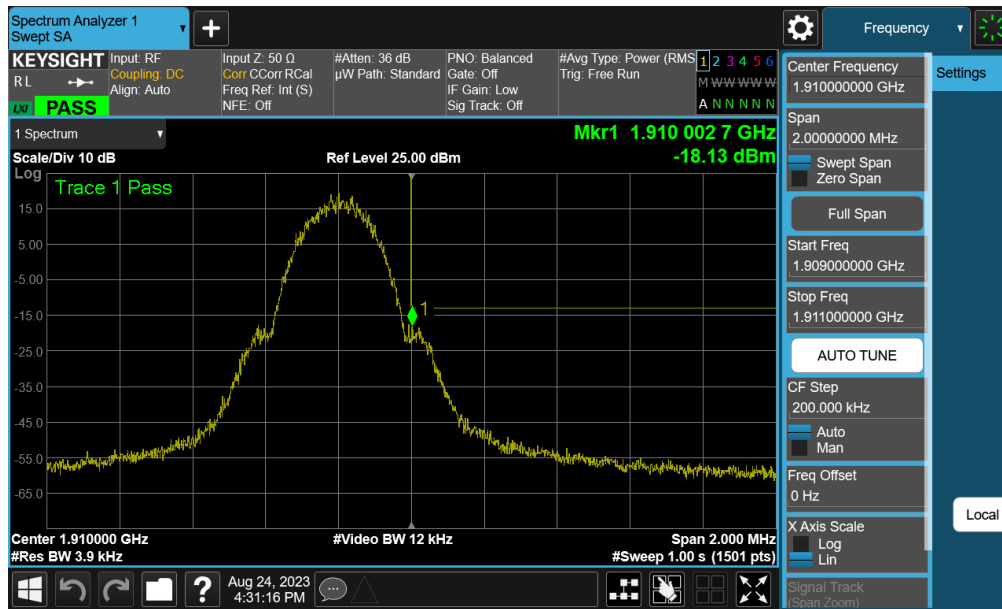
## GSM/GPRS PCS – Ant 0

| Mode    | Bandwidth | Channel | Test Case | Level [dBm] | Lim it [dBm] | Margin [dB] |
|---------|-----------|---------|-----------|-------------|--------------|-------------|
| GSM-PCS | 250kHz    | Low     | Band Edge | -18.42      | -13          | -5.42       |
|         |           | Low     | Extended  | -40.16      | -13          | -27.16      |
|         |           | High    | Band Edge | -18.13      | -13          | -5.13       |
|         |           | High    | Extended  | -39.92      | -13          | -26.92      |

Table 7-8. Band Edge Test Results – Ant 0



|                                         |                                       |                               |                                   |
|-----------------------------------------|---------------------------------------|-------------------------------|-----------------------------------|
| FCC ID: A3LSMS928B                      | PART 24 MEASUREMENT REPORT            |                               | Approved by:<br>Technical Manager |
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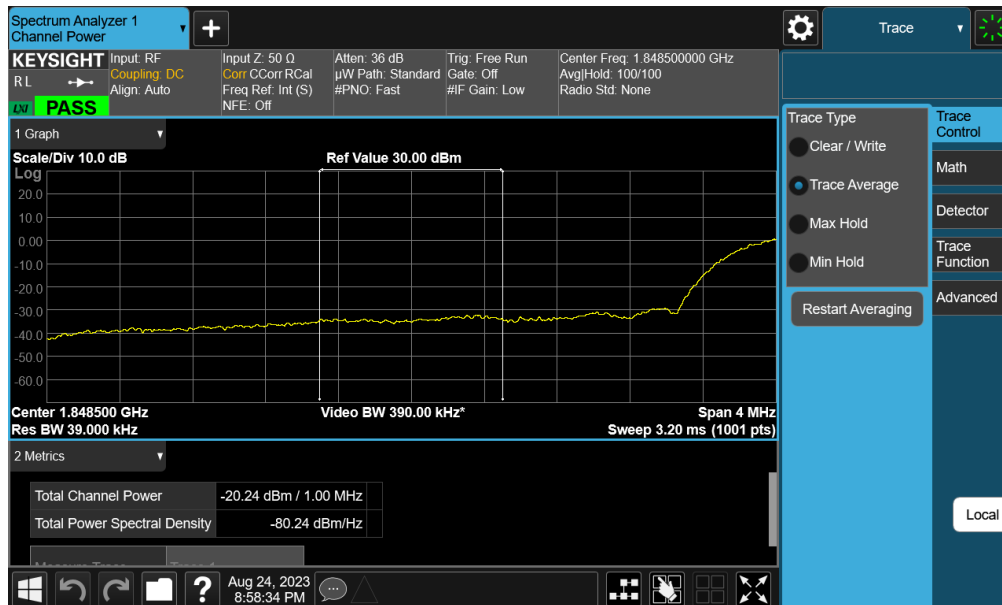
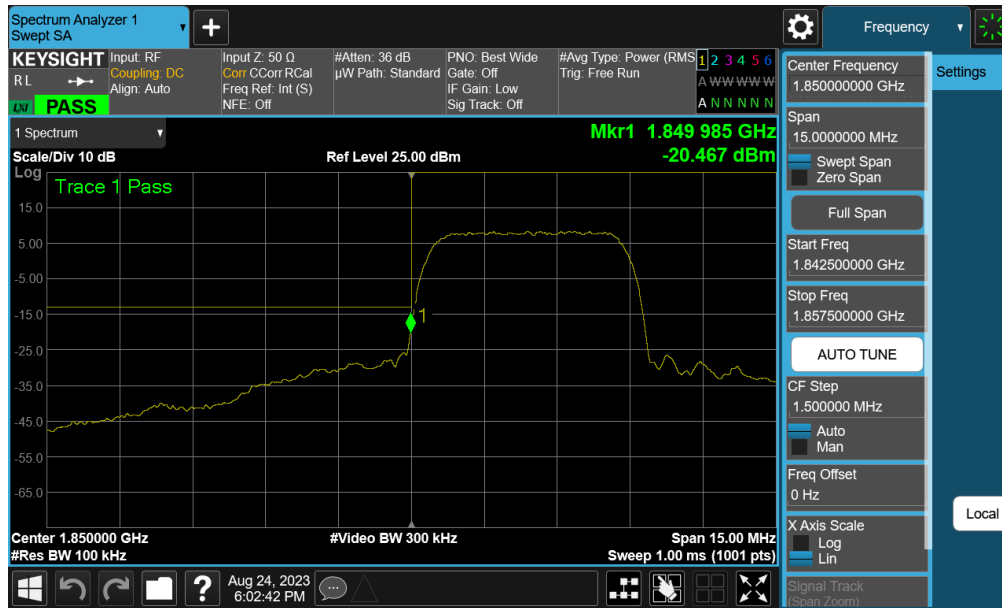


|                                         |                                       |                               |                                   |
|-----------------------------------------|---------------------------------------|-------------------------------|-----------------------------------|
| FCC ID: A3LSMS928B                      | PART 24 MEASUREMENT REPORT            |                               | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1M2308210093-02.A3L | Test Dates:<br>8/23/2023 - 10/18/2023 | EUT Type:<br>Portable Handset | Page 62 of 117                    |

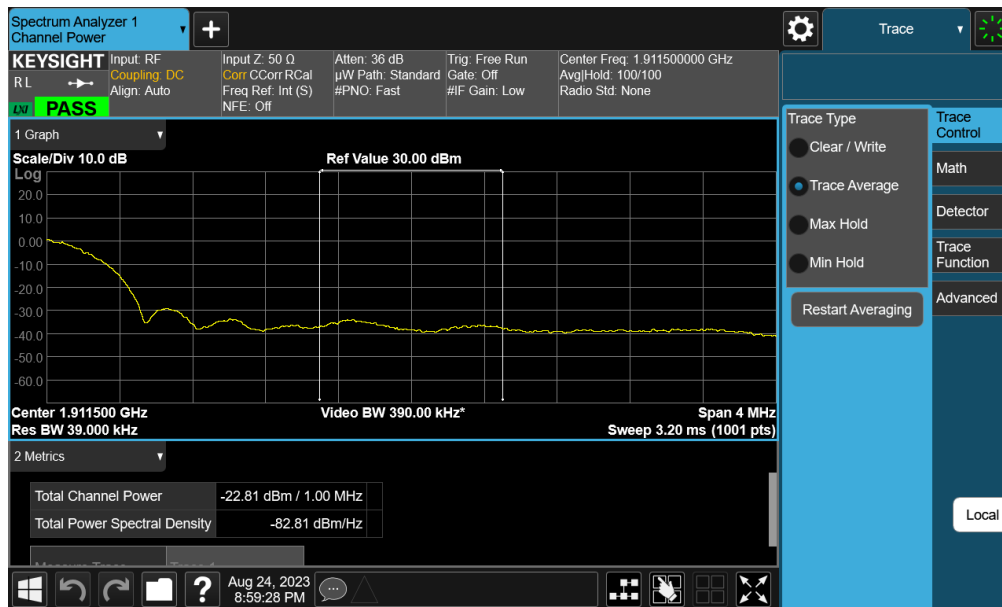
## WCDMA PCS – Ant 0

| Mode      | Bandwidth | Channel | Test Case | Level [dBm] | Lim it [dBm] | Margin [dB] |
|-----------|-----------|---------|-----------|-------------|--------------|-------------|
| WCDMA-PCS | 5 MHz     | Low     | Band Edge | -20.47      | -13          | -7.47       |
|           |           | Low     | Extended  | -20.24      | -13          | -7.24       |
|           |           | High    | Band Edge | -21.89      | -13          | -8.89       |
|           |           | High    | Extended  | -22.81      | -13          | -9.81       |

Table 7-9. Band Edge Test Results – Ant 0



|                                         |                                       |                               |                                   |
|-----------------------------------------|---------------------------------------|-------------------------------|-----------------------------------|
| FCC ID: A3LSMS928B                      | PART 24 MEASUREMENT REPORT            |                               | Approved by:<br>Technical Manager |
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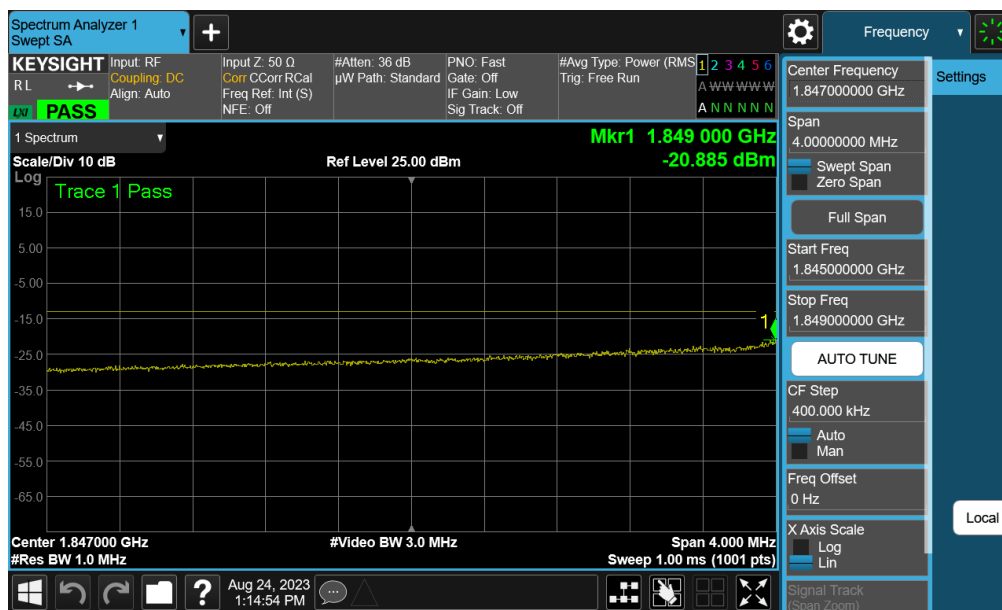
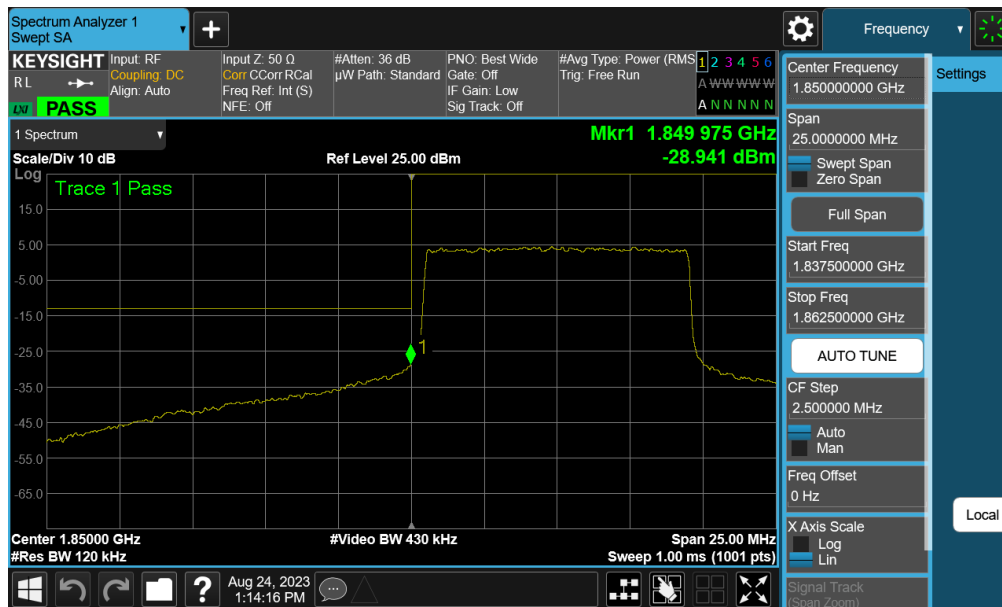
|                                         |                                       |                               |                                   |
|-----------------------------------------|---------------------------------------|-------------------------------|-----------------------------------|
| FCC ID: A3LSMS928B                      | PART 24 MEASUREMENT REPORT            |                               | Approved by:<br>Technical Manager |
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## LTE Band 25/2 – Ant 0

| Mode      | Bandwidth | Channel   | Test Case | Level [dBm] | Limit [dBm] | Margin [dB] |
|-----------|-----------|-----------|-----------|-------------|-------------|-------------|
| LTE-B25-2 | 20 MHz    | Low       | Band Edge | -29.65      | -13         | -16.65      |
|           |           | Low       | Extended  | -25.59      | -13         | -12.59      |
|           |           | High LB2  | Band Edge | -32.38      | -13         | -19.38      |
|           |           | High LB25 | Band Edge | -31.81      | -13         | -18.81      |
|           |           | High LB2  | Extended  | -27.40      | -13         | -14.40      |
|           |           | High LB25 | Extended  | -28.14      | -13         | -15.13      |
|           | 15 MHz    | Low       | Band Edge | -29.22      | -13         | -16.22      |
|           |           | Low       | Extended  | -23.82      | -13         | -10.82      |
|           |           | High LB2  | Band Edge | -31.95      | -13         | -18.95      |
|           |           | High LB25 | Band Edge | -30.39      | -13         | -17.39      |
|           |           | High LB2  | Extended  | -25.23      | -13         | -12.23      |
|           |           | High LB25 | Extended  | -24.88      | -13         | -11.88      |
|           | 10 MHz    | Low       | Band Edge | -28.94      | -13         | -15.94      |
|           |           | Low       | Extended  | -20.89      | -13         | -7.89       |
|           |           | High LB2  | Band Edge | -29.98      | -13         | -16.98      |
|           |           | High LB25 | Band Edge | -29.10      | -13         | -16.10      |
|           |           | High LB2  | Extended  | -23.06      | -13         | -10.06      |
|           |           | High LB25 | Extended  | -22.94      | -13         | -9.94       |
|           | 5 MHz     | Low       | Band Edge | -25.65      | -13         | -12.65      |
|           |           | Low       | Extended  | -21.65      | -13         | -8.65       |
|           |           | High LB2  | Band Edge | -25.28      | -13         | -12.28      |
|           |           | High LB25 | Band Edge | -26.42      | -13         | -13.42      |
|           |           | High LB2  | Extended  | -23.72      | -13         | -10.72      |
|           |           | High LB25 | Extended  | -25.33      | -13         | -12.33      |
|           | 3 MHz     | Low       | Band Edge | -24.32      | -13         | -11.32      |
|           |           | Low       | Extended  | -22.77      | -13         | -9.77       |
|           |           | High LB2  | Band Edge | -25.51      | -13         | -12.51      |
|           |           | High LB25 | Band Edge | -26.10      | -13         | -13.10      |
|           |           | High LB2  | Extended  | -24.41      | -13         | -11.41      |
|           |           | High LB25 | Extended  | -24.67      | -13         | -11.67      |
|           | 1.4 MHz   | Low       | Band Edge | -24.10      | -13         | -11.10      |
|           |           | Low       | Extended  | -28.74      | -13         | -15.74      |
|           |           | High LB2  | Band Edge | -25.80      | -13         | -12.80      |
|           |           | High LB25 | Band Edge | -25.74      | -13         | -12.74      |
|           |           | High LB2  | Extended  | -36.12      | -13         | -23.12      |
|           |           | High LB25 | Extended  | -28.50      | -13         | -15.50      |

**Table 7-10. Band Edge Test Results – Ant 0**

|                                         |                                       |                               |                                   |
|-----------------------------------------|---------------------------------------|-------------------------------|-----------------------------------|
| FCC ID: A3LSMS928B                      | PART 24 MEASUREMENT REPORT            |                               | Approved by:<br>Technical Manager |
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|                                         |                                       |                               |                                   |
|-----------------------------------------|---------------------------------------|-------------------------------|-----------------------------------|
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| Test Report S/N:<br>1M2308210093-02.A3L | Test Dates:<br>8/23/2023 - 10/18/2023 | EUT Type:<br>Portable Handset | Page 66 of 117                    |