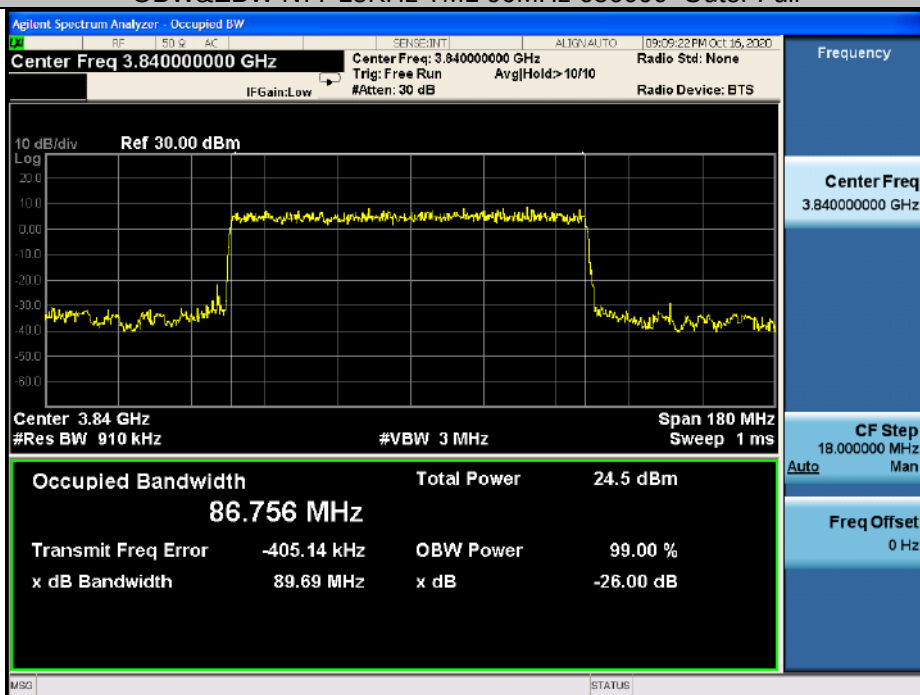


OBW&amp;EBW N77 15KHz TM1 90MHz 656000 Outer Full



OBW&amp;EBW N77 15KHz TM2 90MHz 656000 Outer Full



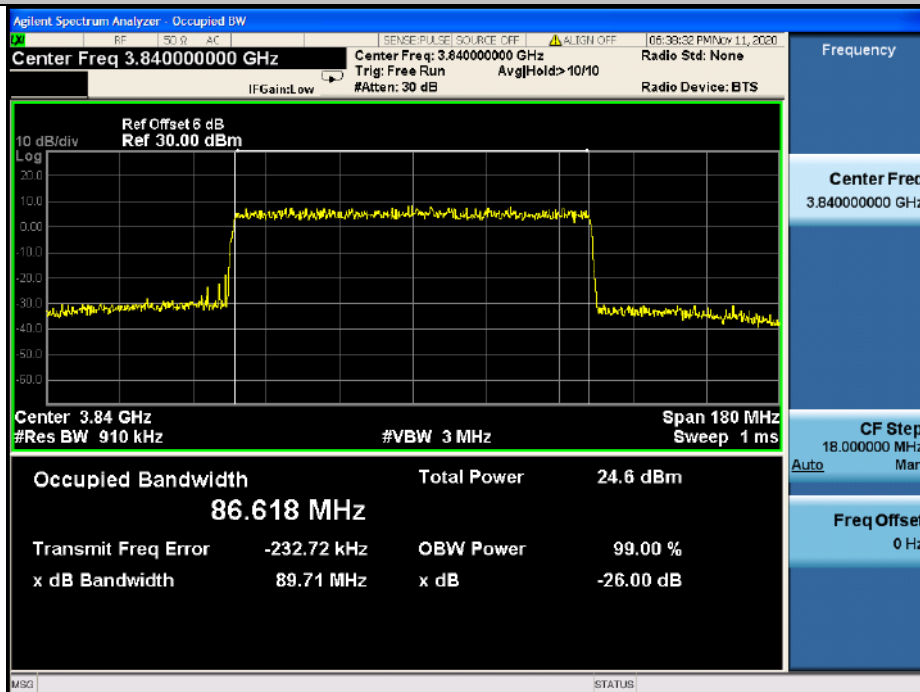
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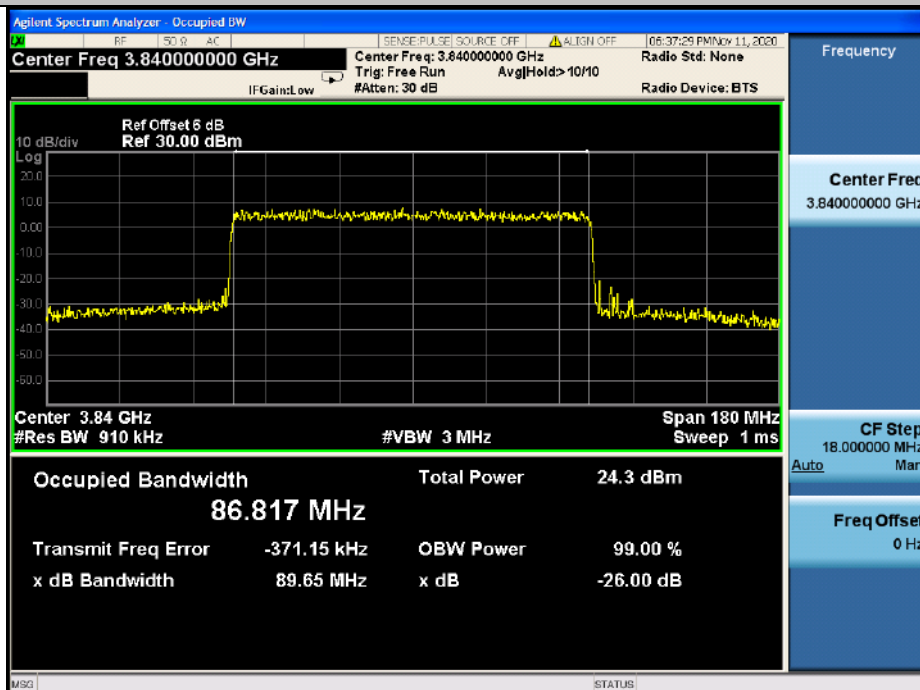
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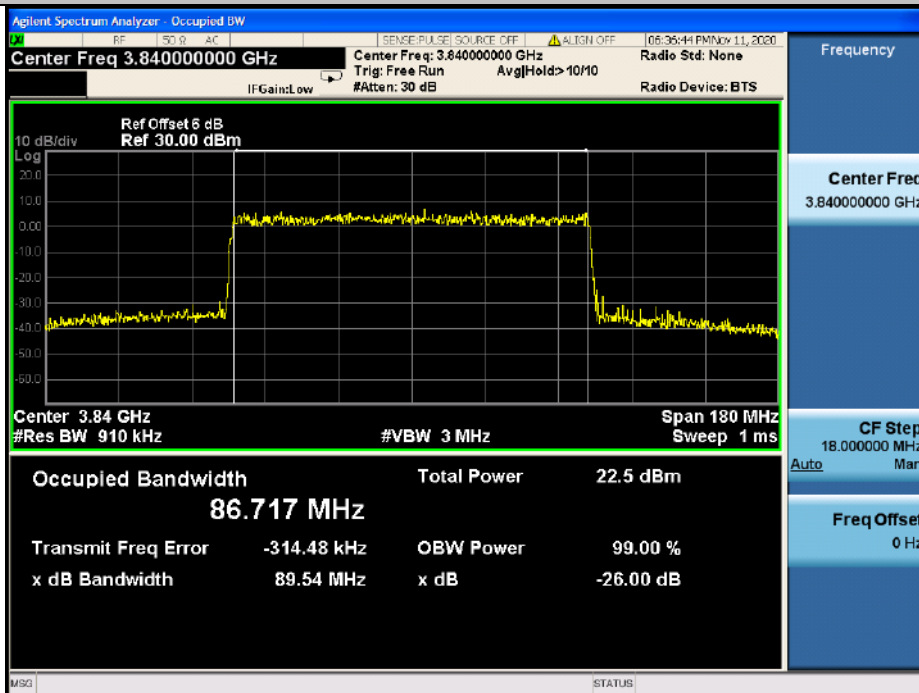
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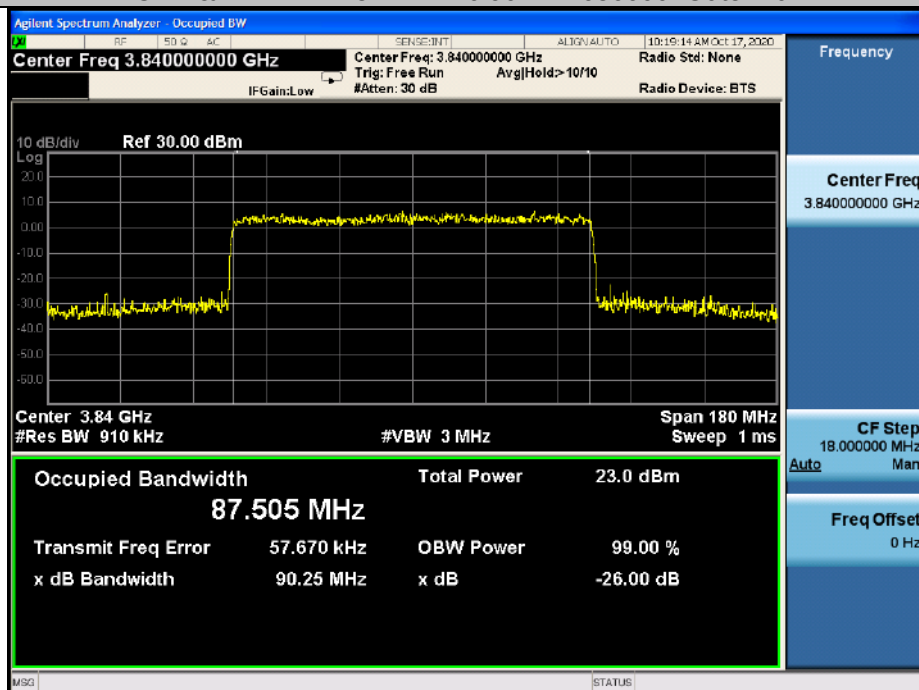
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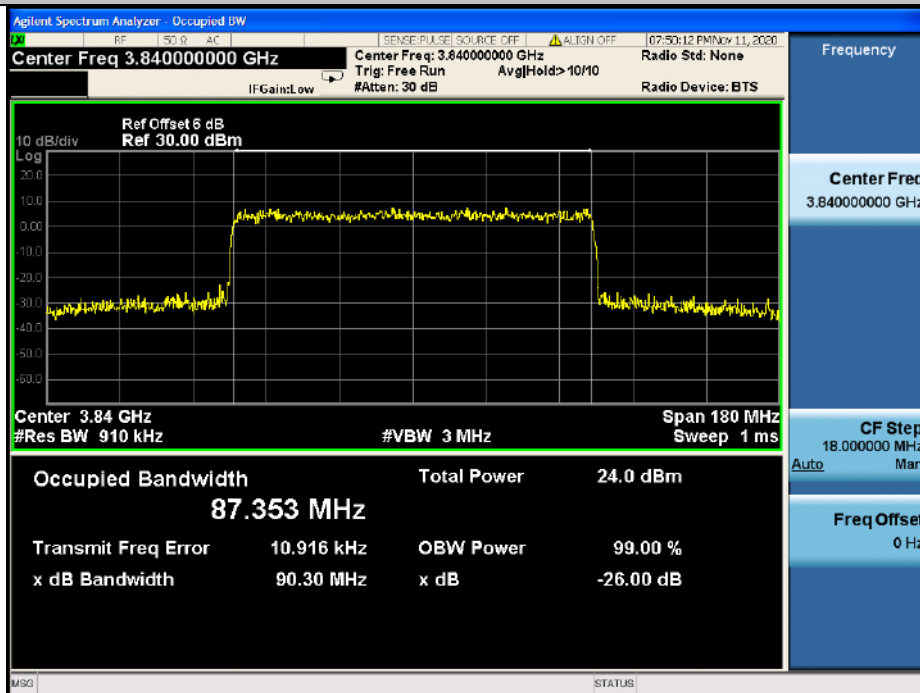
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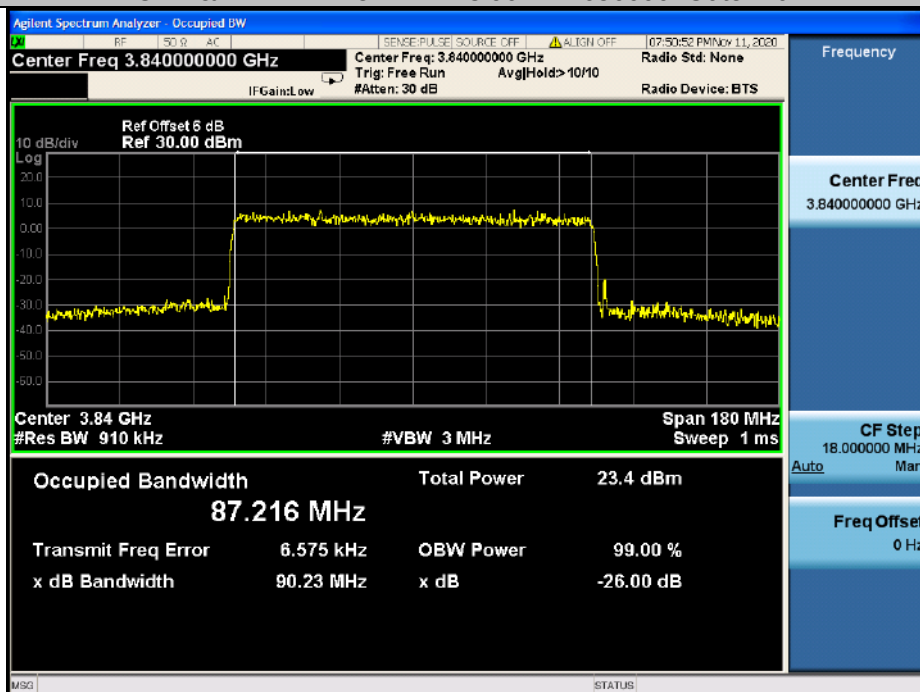
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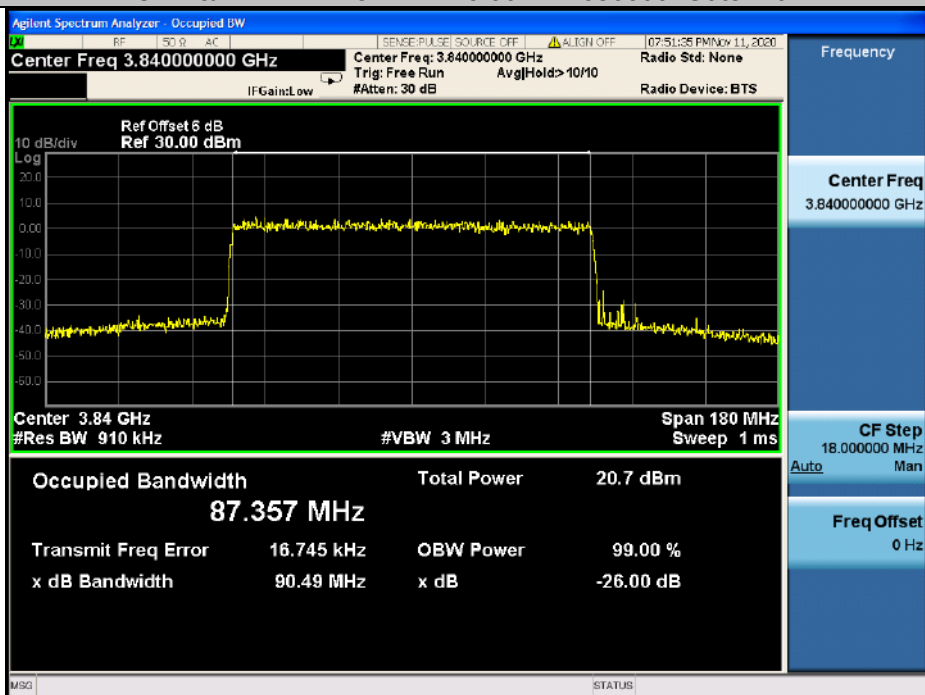
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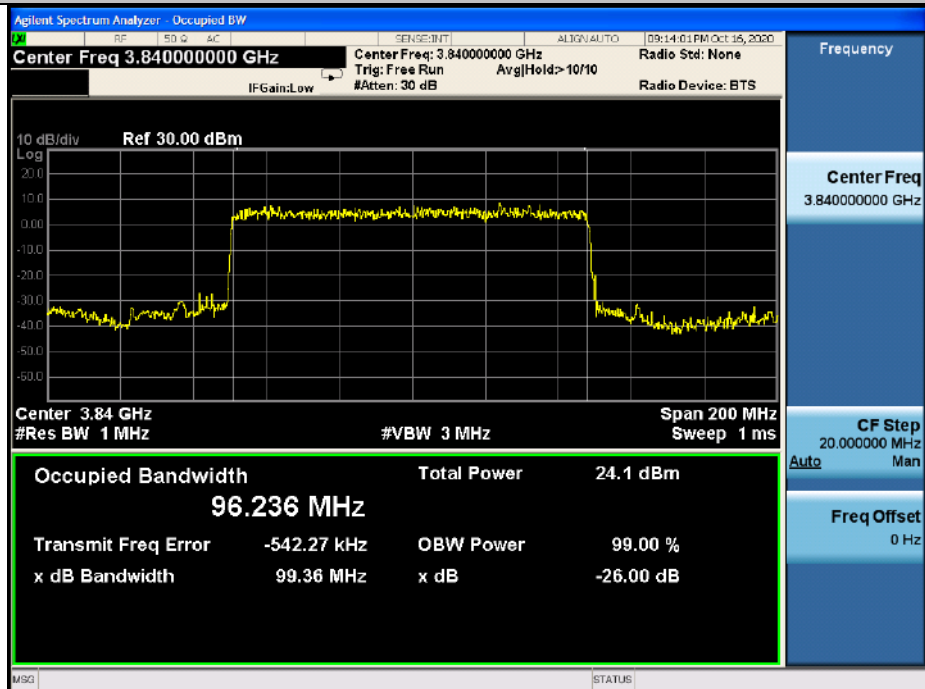
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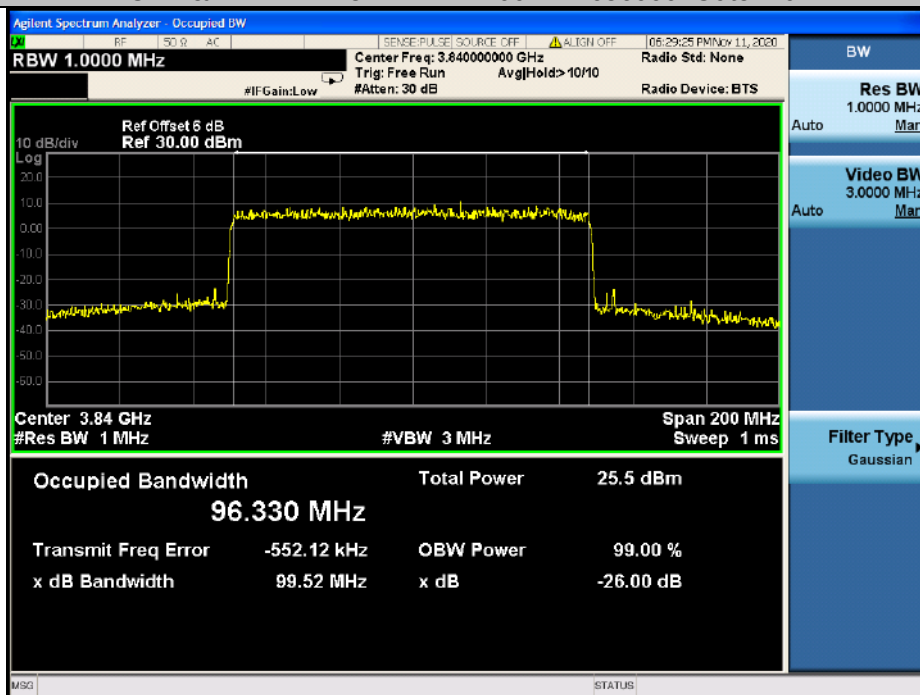
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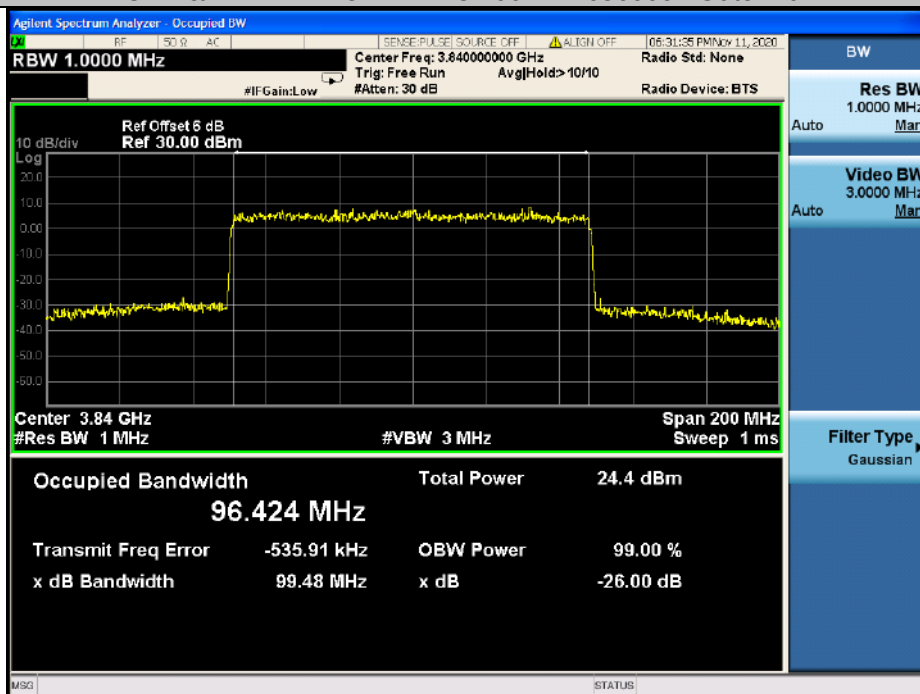
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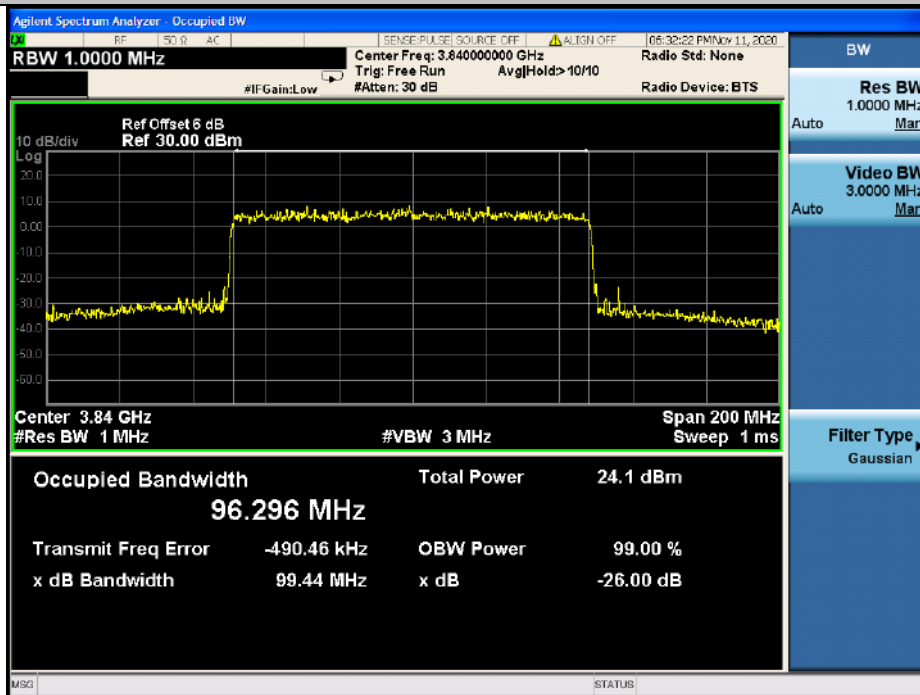
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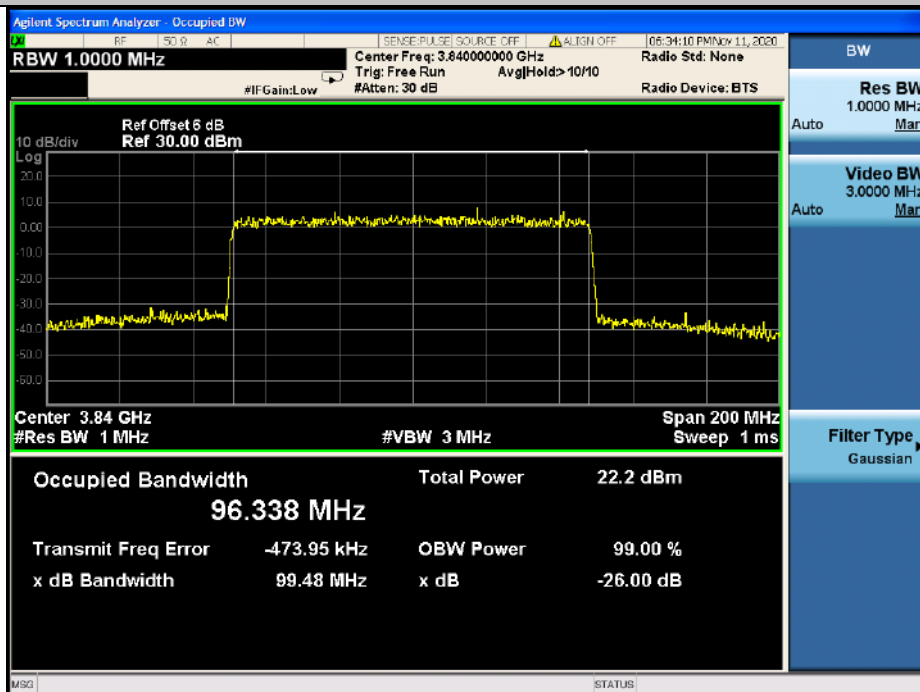
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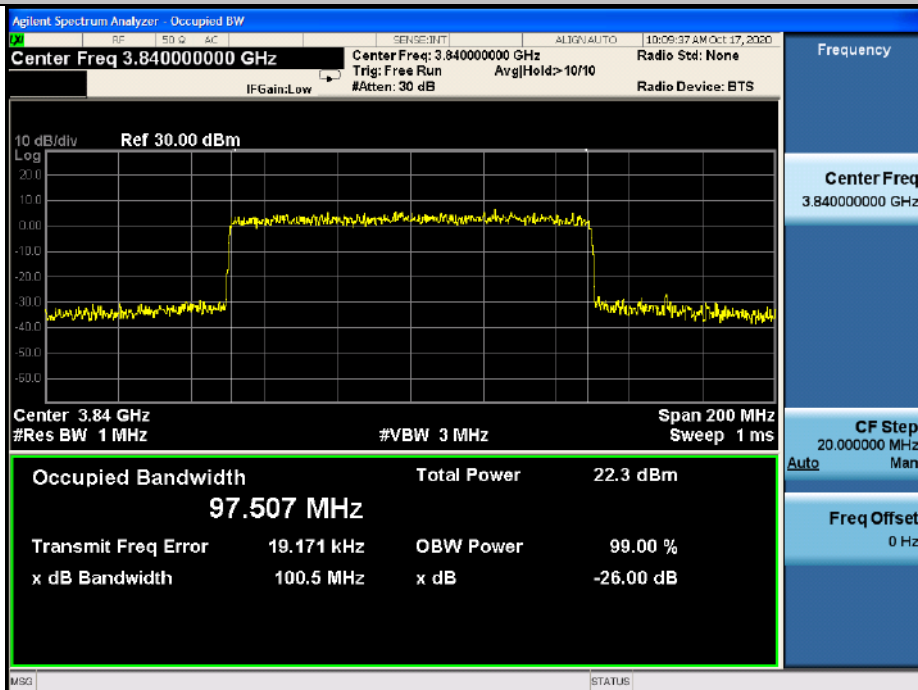
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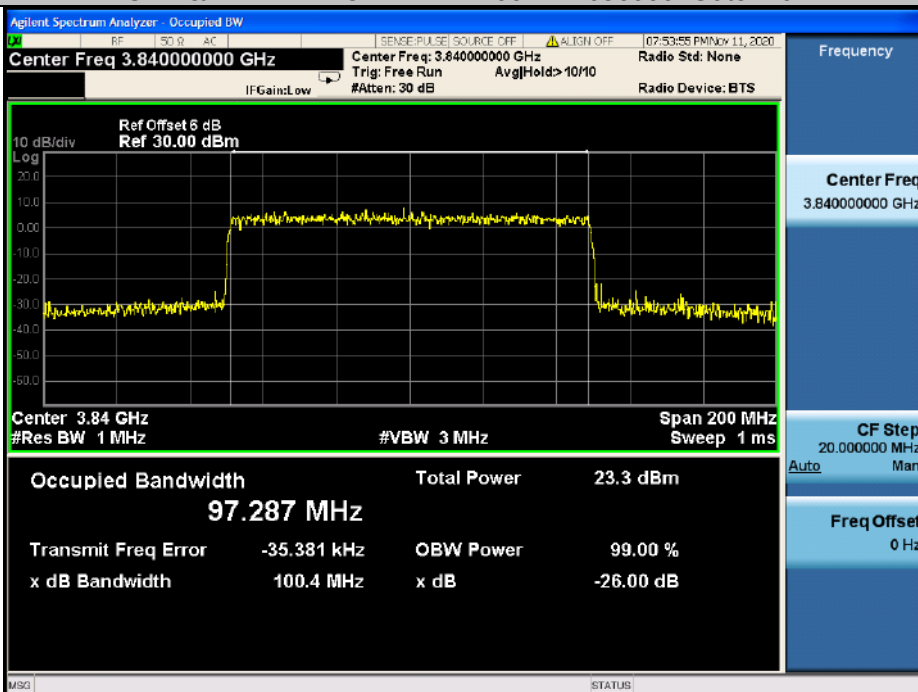
## OBW&amp;EBW N77 15KHz TM5 100MHz 656000 Outer Full



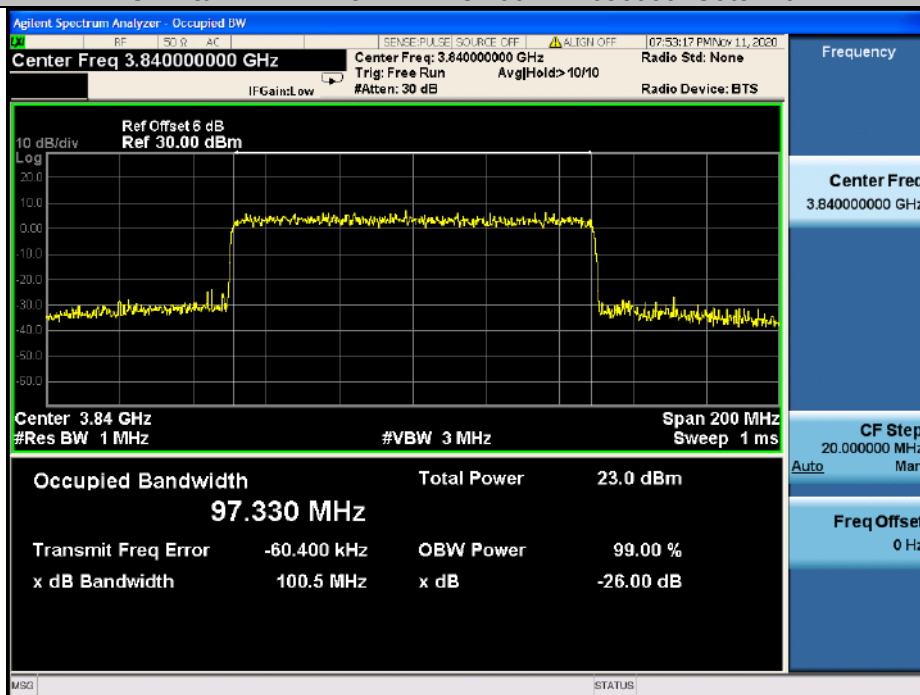
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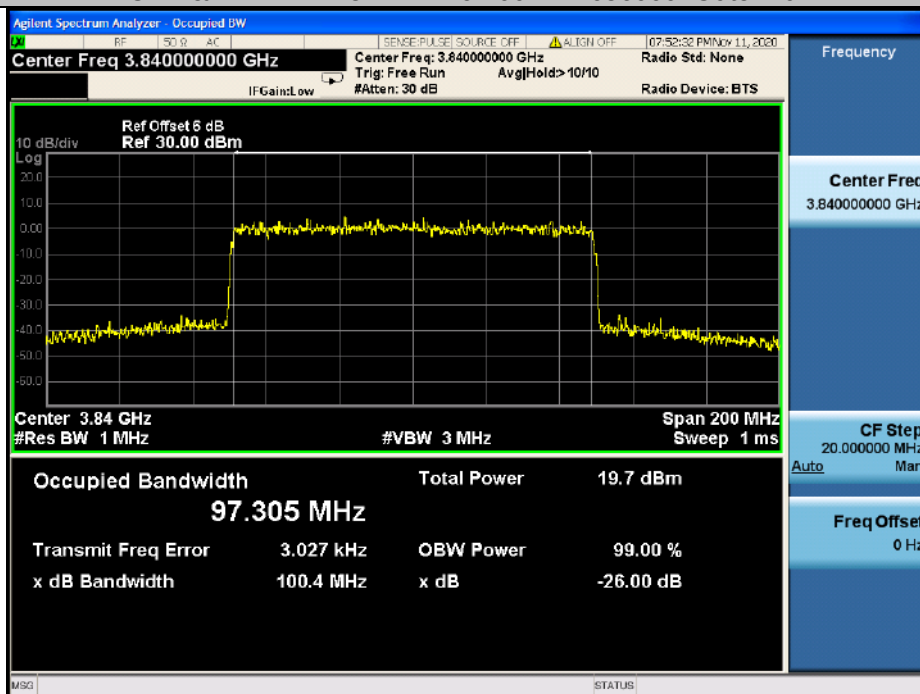
## OBW&amp;EBW N77 15KHz TM7 100MHz 656000 Outer Full



## OBW&amp;EBW N77 15KHz TM8 100MHz 656000 Outer Full



## OBW&amp;EBW N77 15KHz TM9 100MHz 656000 Outer Full



## REMARK:

All antenna and all modulation had been tested, but only the worst case data displayed in this report



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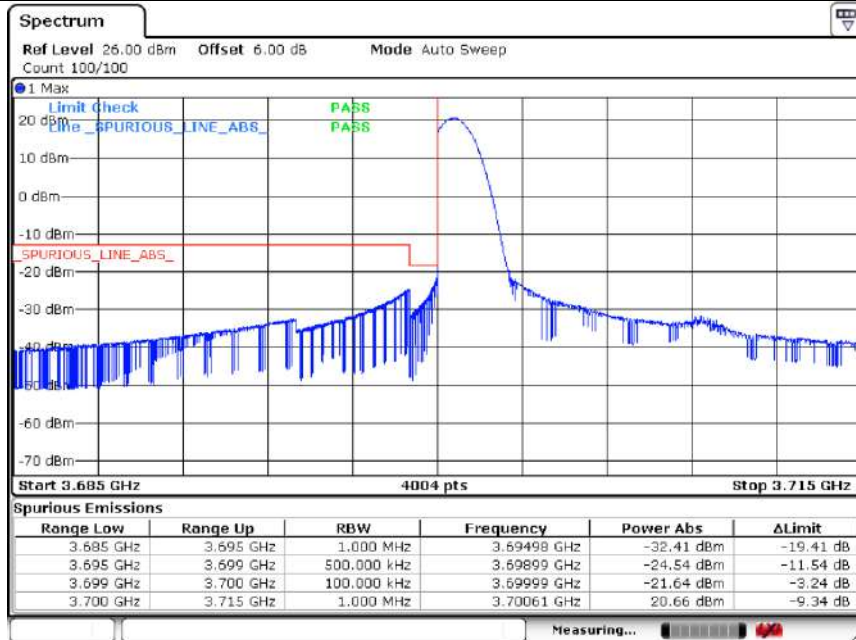
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## 5 Band Edges Compliance

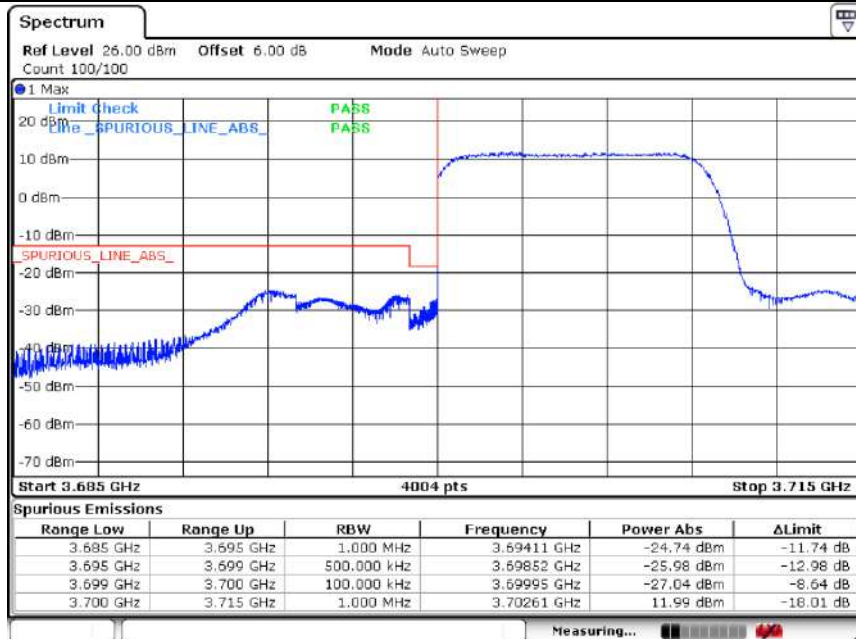
### 5.1 Test Plots

N77 15KHz TM1 10MHz 647000 Edge 1RB Left



Date: 17.OCT.2020 19:36:21

N77 15KHz TM1 10MHz 647000 Outer Full



Date: 17.OCT.2020 16:27:52

## N77 15KHz TM1 10MHz 665000 Edge 1RB Right



Date: 17.OCT.2020 19:39:36

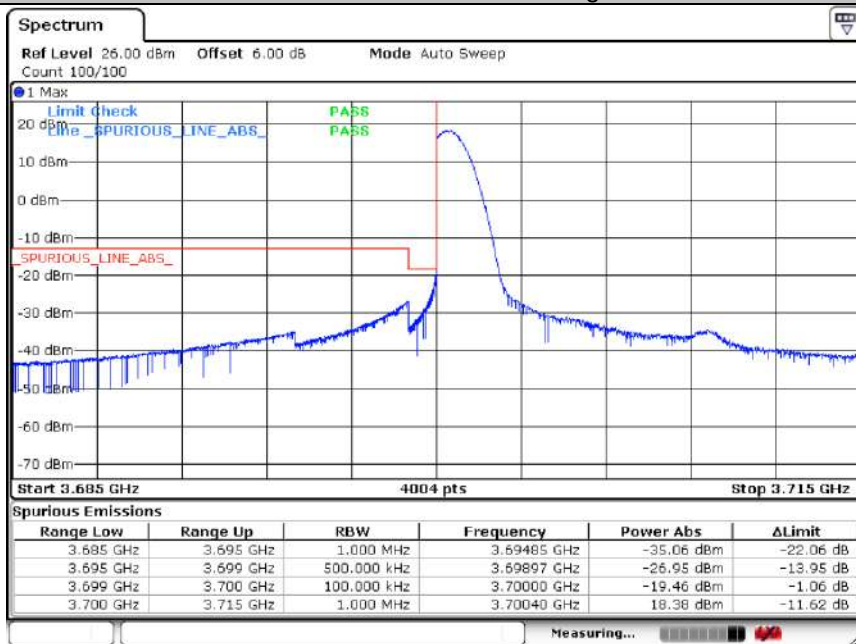
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Date: 17.OCT.2020 16:59:04

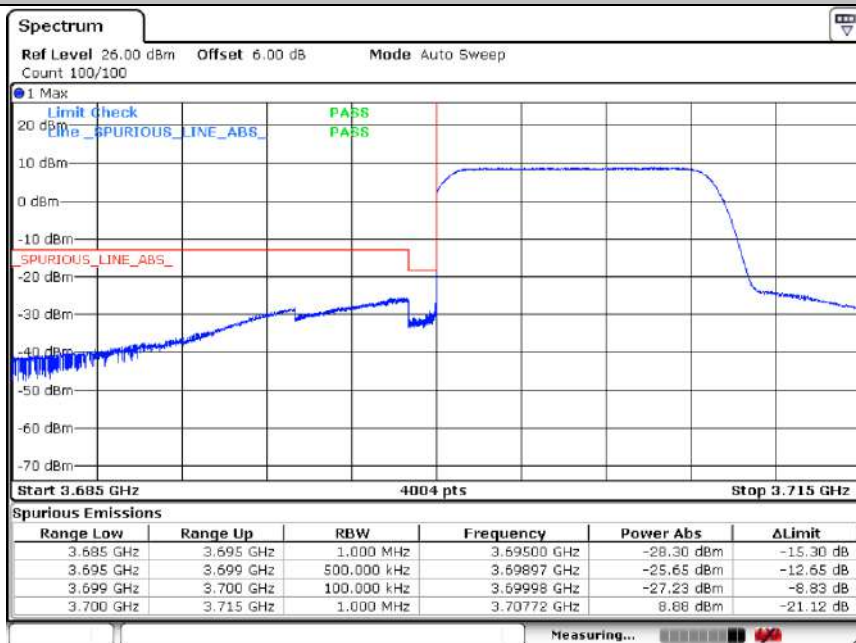


## N77 15KHz TM6 10MHz 647000 Edge 1RB Left



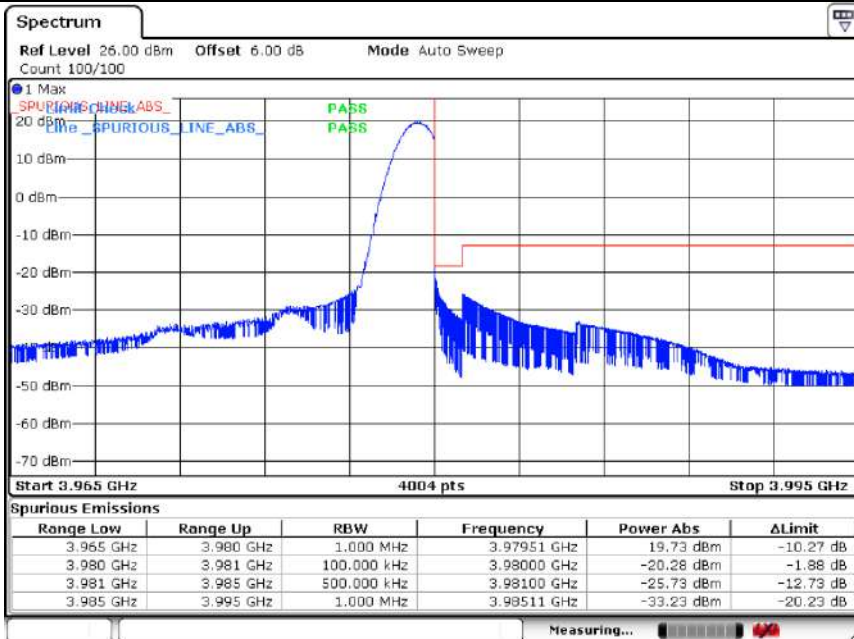
Date: 17.OCT.2020 14:16:44

## N77 15KHz TM6 10MHz 647000 Outer Full



Date: 17.OCT.2020 14:18:27

## N77 15KHz TM6 10MHz 665000 Edge 1RB Right



Date: 17.OCT.2020 19:20:06

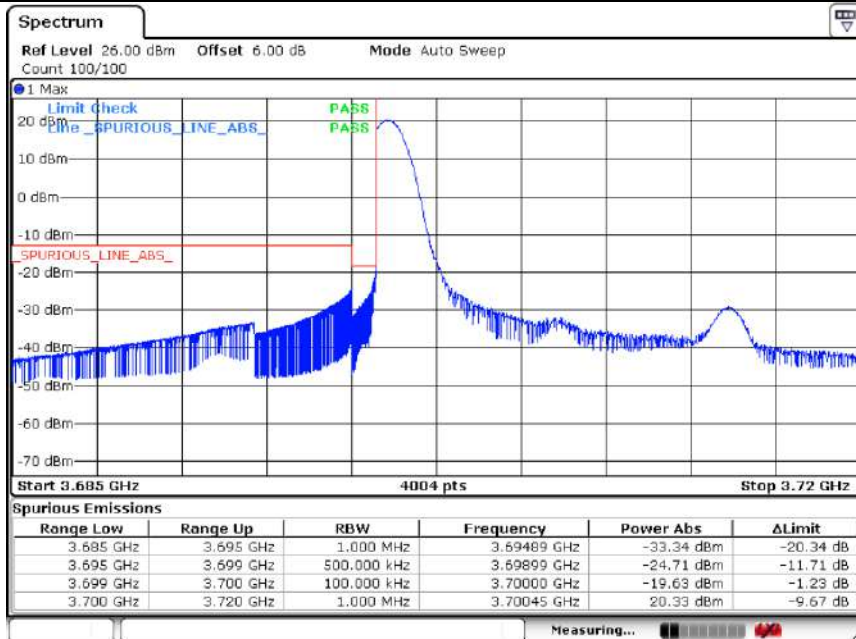
## N77 15KHz TM6 10MHz 665000 Outer Full



Date: 17.OCT.2020 19:18:33



## N77 15KHz TM1 15MHz 647168 Edge 1RB Left



Date: 17.OCT.2020 16:41:08

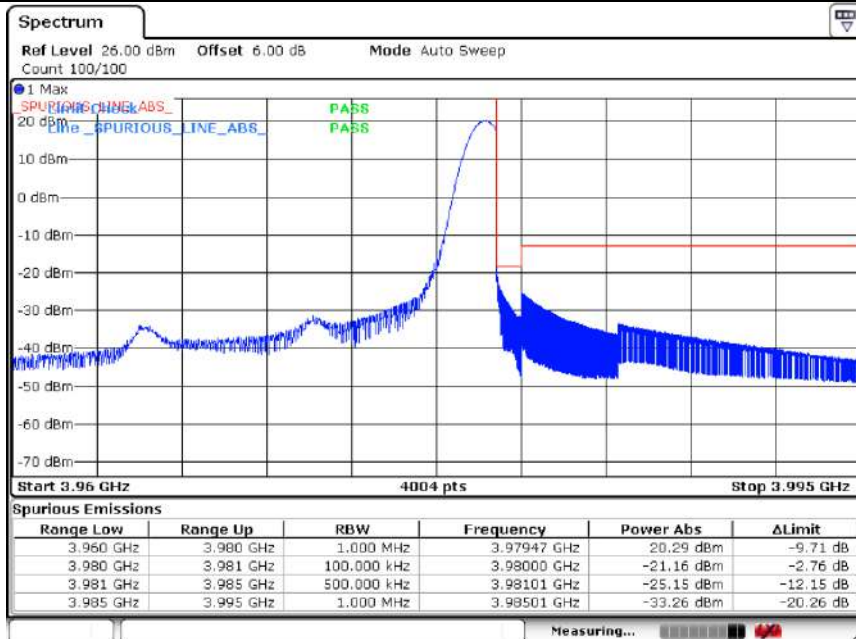
## N77 15KHz TM1 15MHz 647168 Outer Full



Date: 17.OCT.2020 16:39:41



## N77 15KHz TM1 15MHz 664832 Edge 1RB Right



Date: 17.OCT.2020 17:04:35

## N77 15KHz TM1 15MHz 664832 Outer Full



Date: 17.OCT.2020 17:03:13



## N77 15KHz TM6 15MHz 647168 Edge 1RB Left



Date: 17.OCT.2020 14:23:23

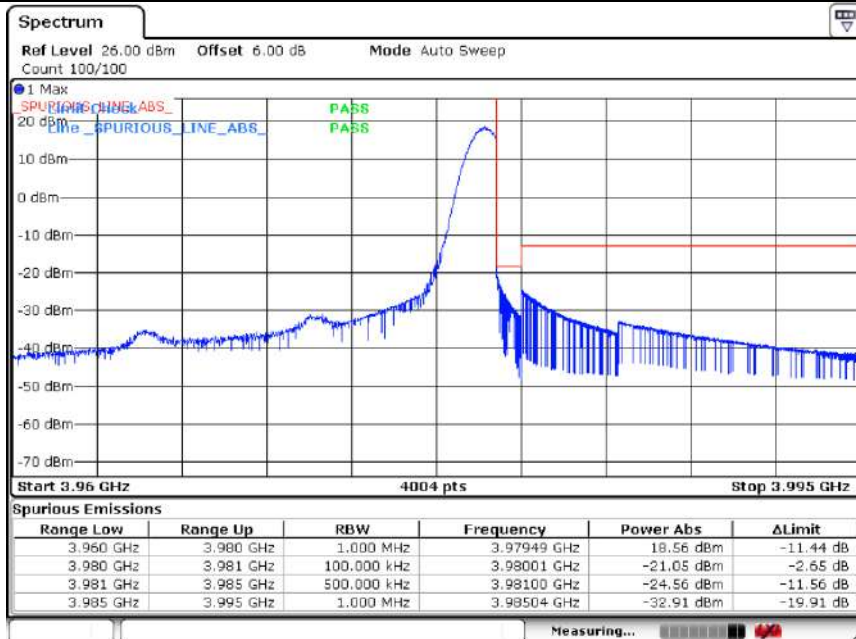
## N77 15KHz TM6 15MHz 647168 Outer Full



Date: 17.OCT.2020 14:25:00



## N77 15KHz TM6 15MHz 664832 Edge 1RB Right



Date: 17.OCT.2020 19:16:00

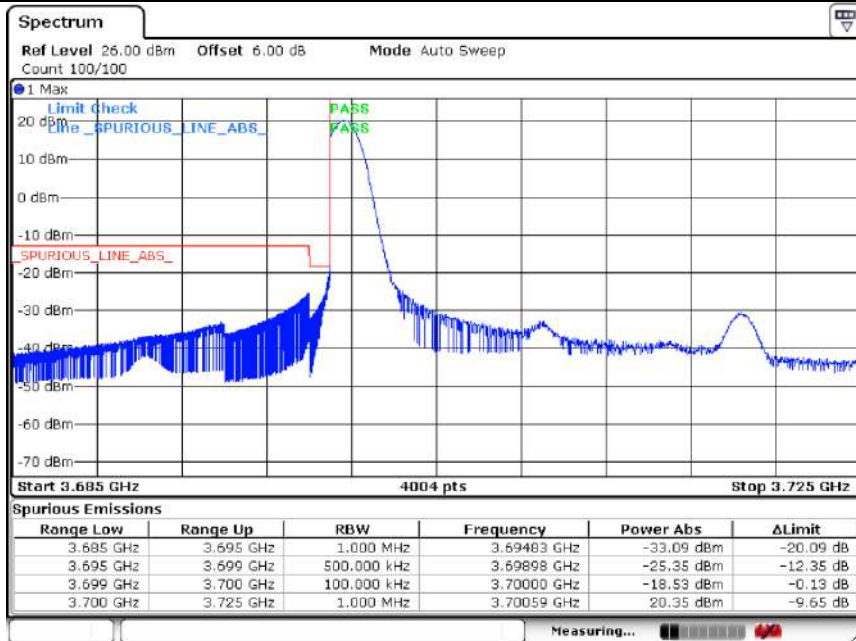
## N77 15KHz TM6 15MHz 664832 Outer Full



Date: 17.OCT.2020 19:14:46

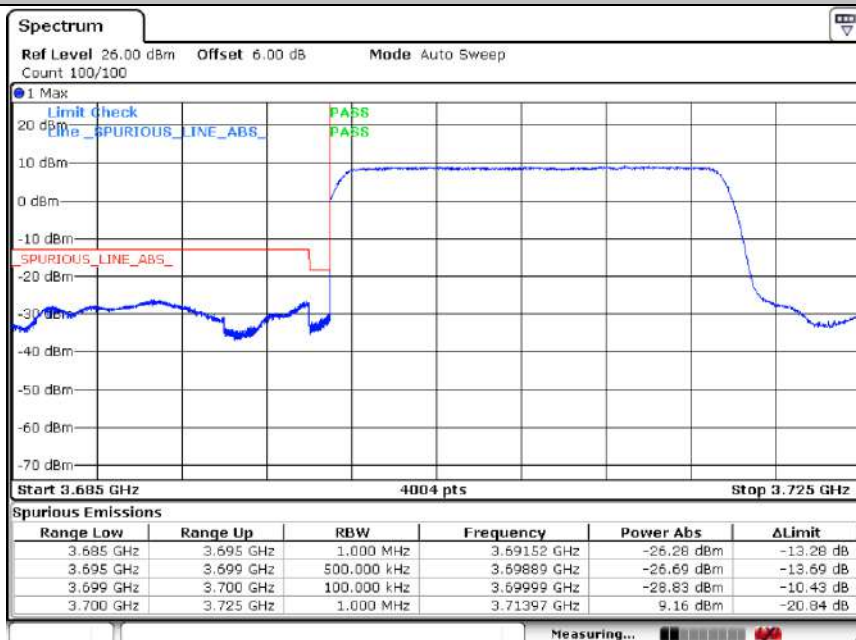


## N77 15KHz TM1 20MHz 647334 Edge 1RB Left



Date: 17.OCT.2020 16:44:26

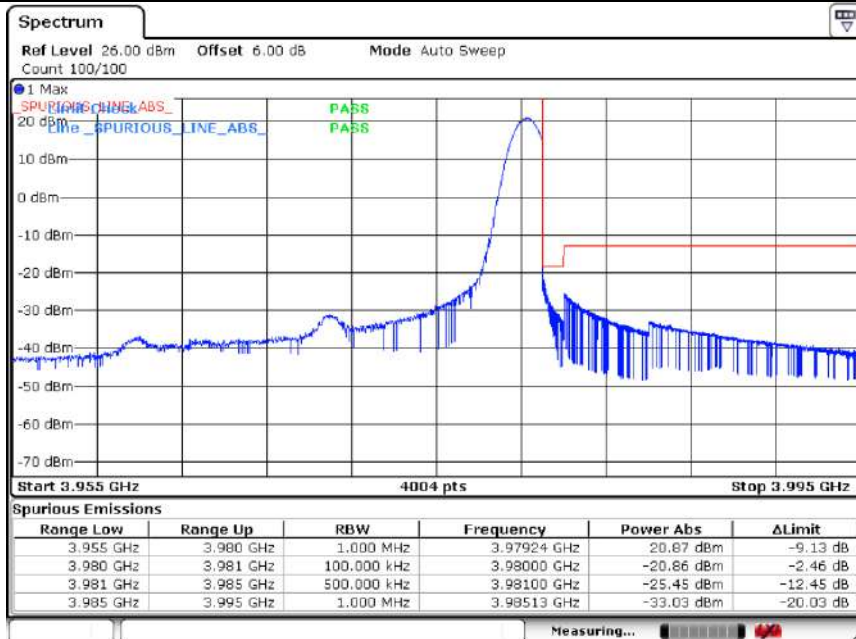
## N77 15KHz TM1 20MHz 647334 Outer Full



Date: 17.OCT.2020 16:42:54



## N77 15KHz TM1 20MHz 664666 Edge 1RB Right



Date: 17.OCT.2020 19:42:33

## N77 15KHz TM1 20MHz 664666 Outer Full



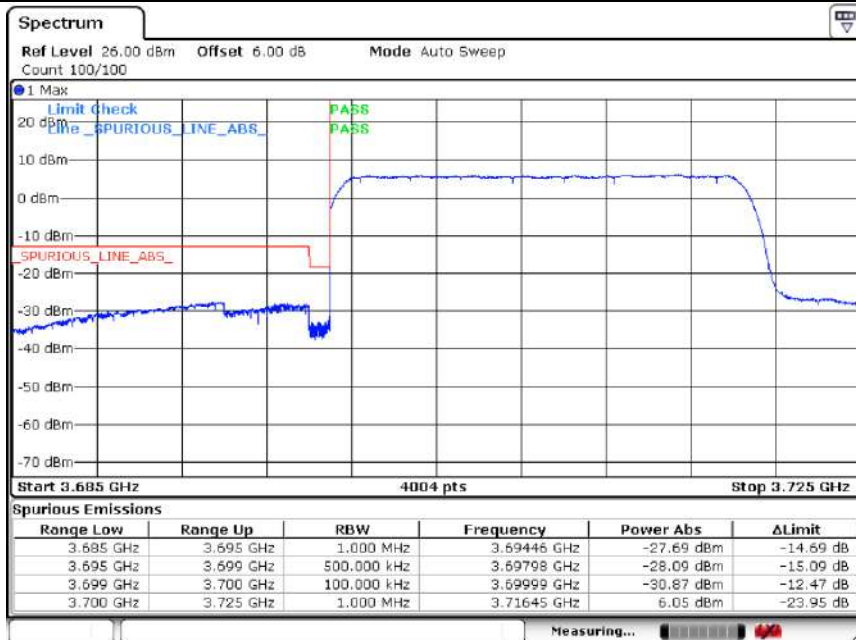
Date: 17.OCT.2020 17:06:38

## N77 15KHz TM6 20MHz 647334 Edge 1RB Left



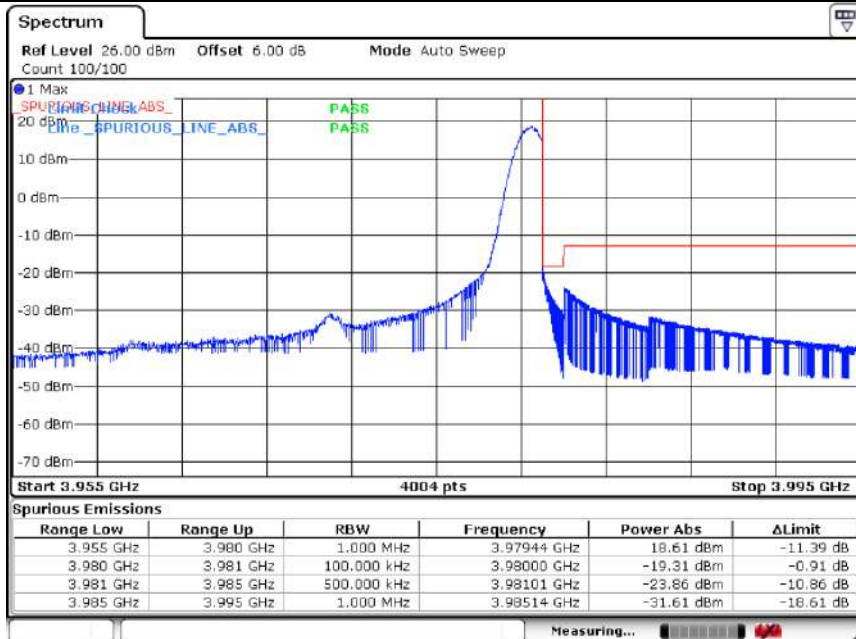
Date: 17.OCT.2020 19:28:20

## N77 15KHz TM6 20MHz 647334 Outer Full



Date: 17.OCT.2020 19:27:02

## N77 15KHz TM6 20MHz 664666 Edge 1RB Right



Date: 17.OCT.2020 19:12:57

## N77 15KHz TM6 20MHz 664666 Outer Full



Date: 17.OCT.2020 19:11:51



## N77 15KHz TM1 40MHz 648000 Edge 1RB Left



Date: 17.OCT.2020 16:48:56

## N77 15KHz TM1 40MHz 648000 Outer Full



Date: 17.OCT.2020 16:47:53



## N77 15KHz TM1 40MHz 664000 Edge 1RB Right



Date: 17.OCT.2020 17:14:25

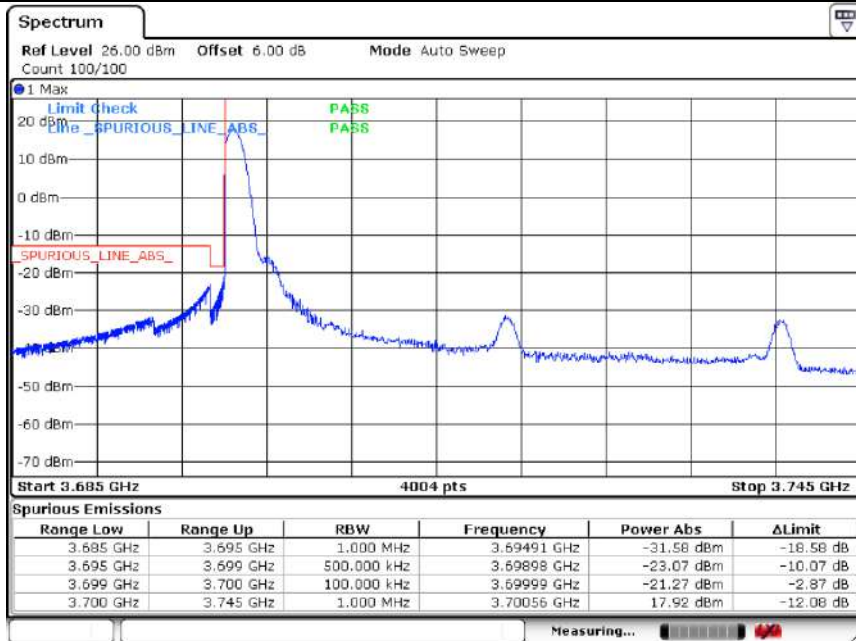
## N77 15KHz TM1 40MHz 664000 Outer Full



Date: 17.OCT.2020 17:13:19



## N77 15KHz TM6 40MHz 648000 Edge 1RB Left



Date: 17.OCT.2020 14:53:20

## N77 15KHz TM6 40MHz 648000 Outer Full



Date: 17.OCT.2020 14:52:09

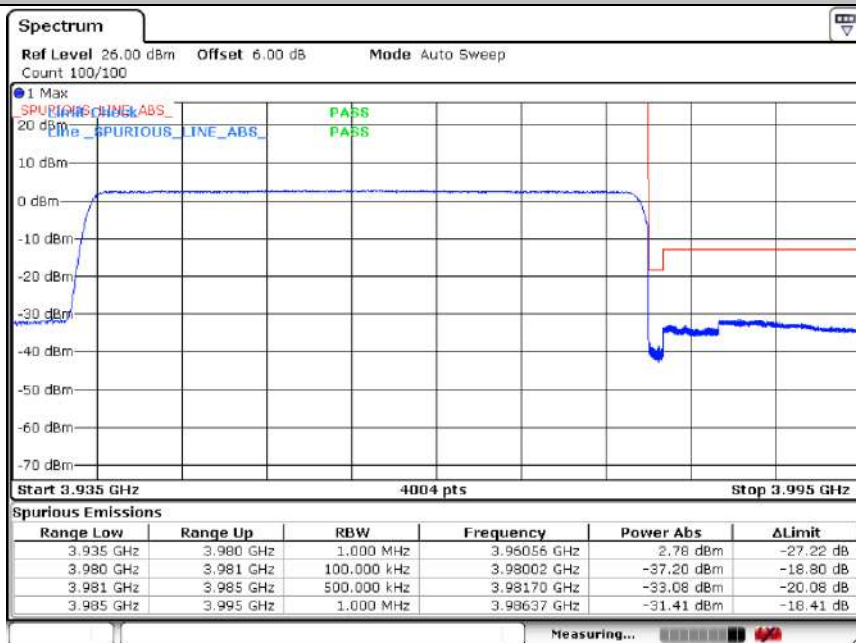


## N77 15KHz TM6 40MHz 664000 Edge 1RB Right



Date: 17.OCT.2020 19:10:02

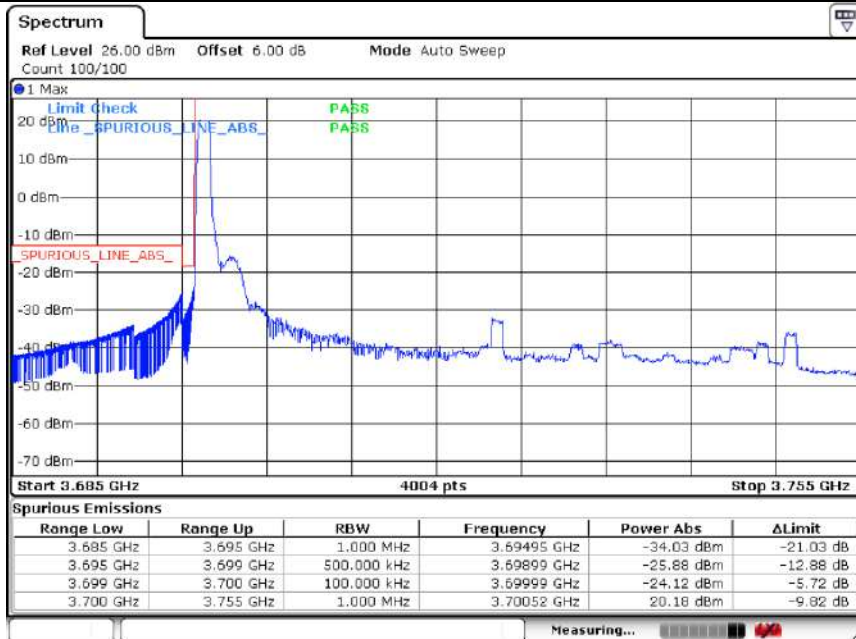
## N77 15KHz TM6 40MHz 664000 Outer Full



Date: 17.OCT.2020 19:08:36



## N77 15KHz TM1 50MHz 648334 Edge 1RB Left



Date: 17.OCT.2020 16:51:40

## N77 15KHz TM1 50MHz 648334 Outer Full



Date: 17.OCT.2020 16:50:34



## N77 15KHz TM1 50MHz 663666 Edge 1RB Right



Date: 17.OCT.2020 17:17:31

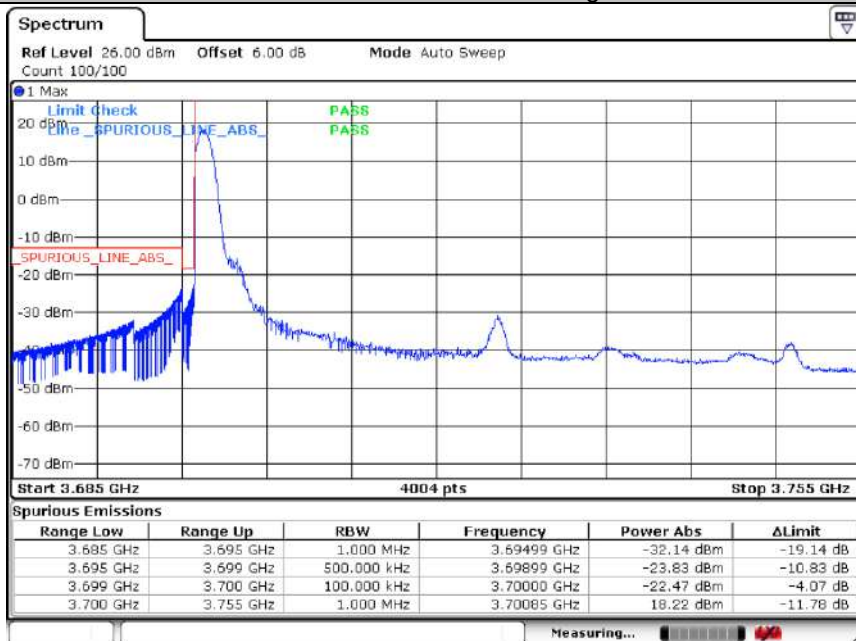
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Date: 17.OCT.2020 17:16:19

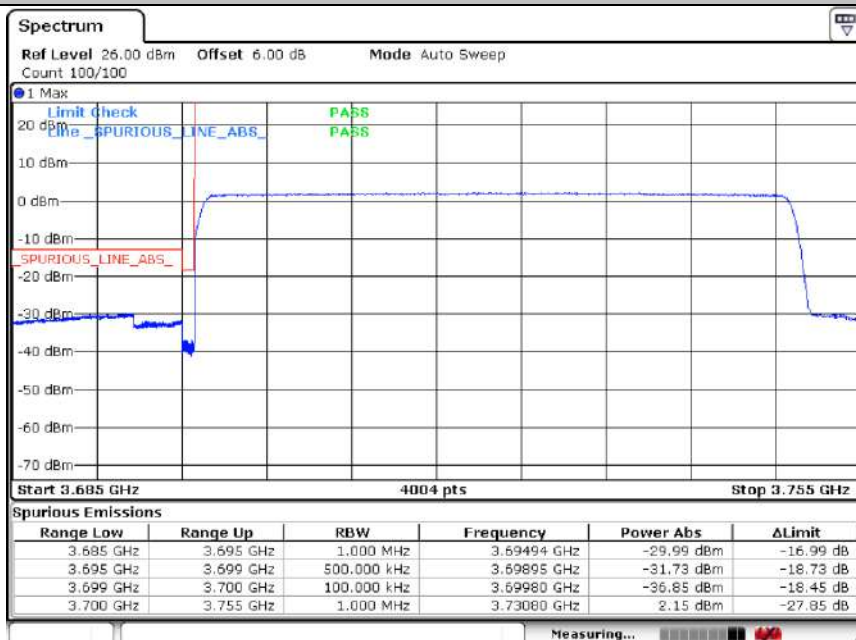


## N77 15KHz TM6 50MHz 648334 Edge 1RB Left



Date: 17.OCT.2020 14:58:57

## N77 15KHz TM6 50MHz 648334 Outer Full



Date: 17.OCT.2020 14:57:45

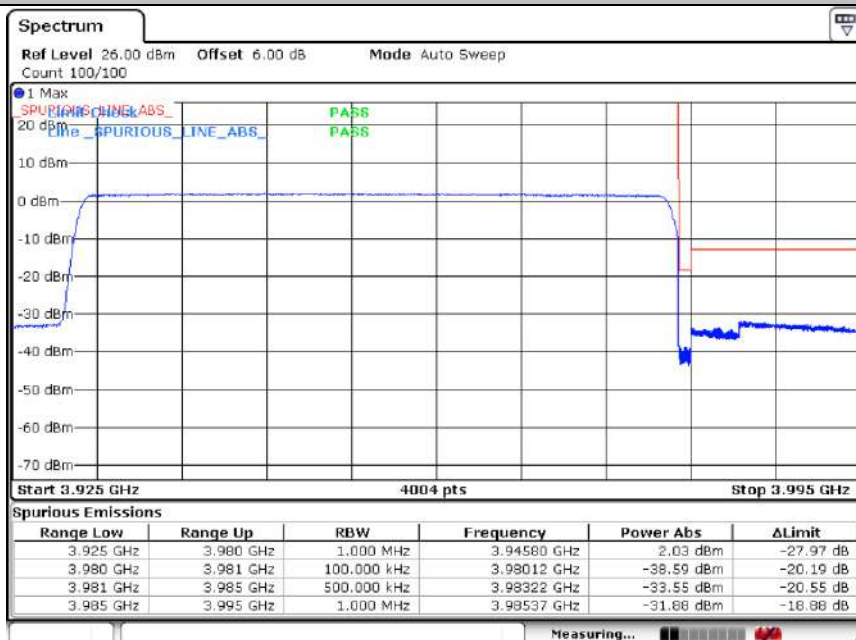


## N77 15KHz TM6 50MHz 663666 Edge 1RB Right



Date: 17.OCT.2020 19:06:23

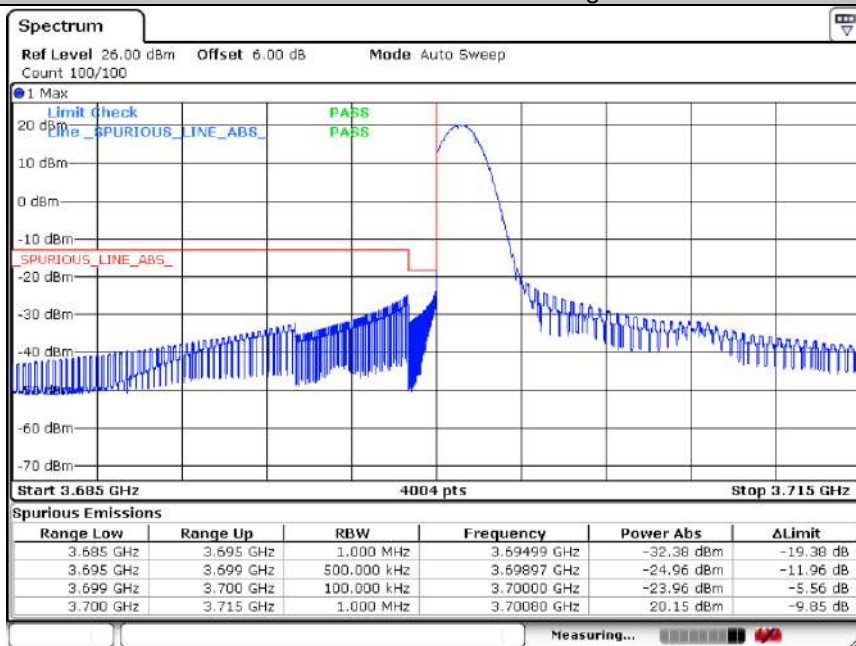
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Date: 17.OCT.2020 19:05:00

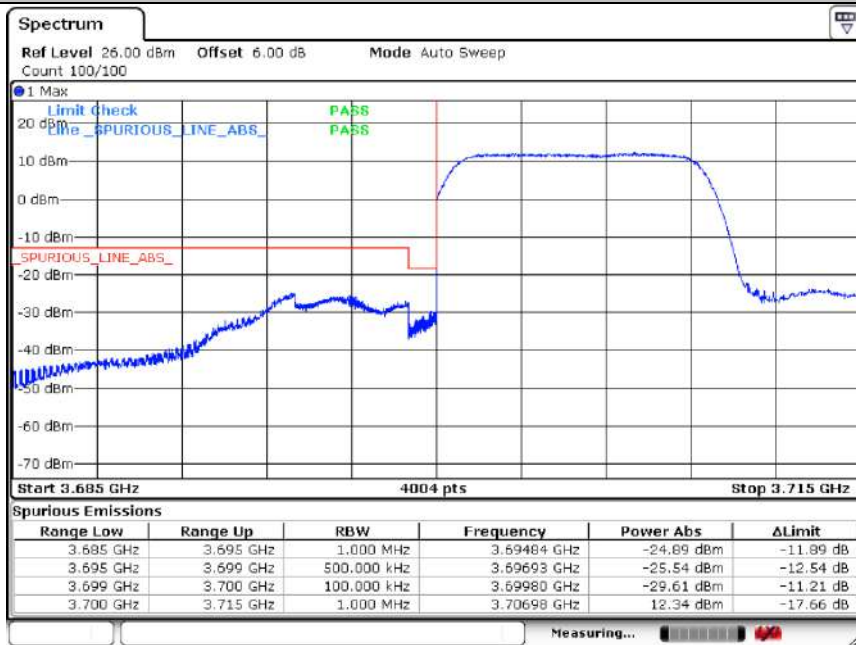


## N77 30KHz TM1 10MHz 647000 Edge 1RB Left



Date: 17.OCT.2020 16:24:54

## N77 30KHz TM1 10MHz 647000 Outer Full



Date: 17.OCT.2020 16:23:16



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## N77 30KHz TM1 10MHz 665000 Edge 1RB Right



Date: 17.OCT.2020 17:47:06

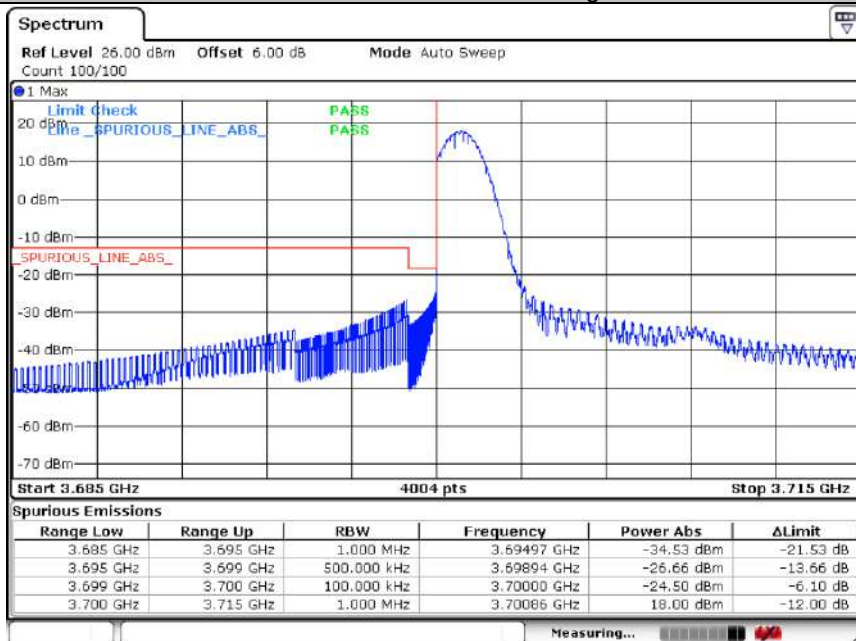
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Date: 17.OCT.2020 17:46:01

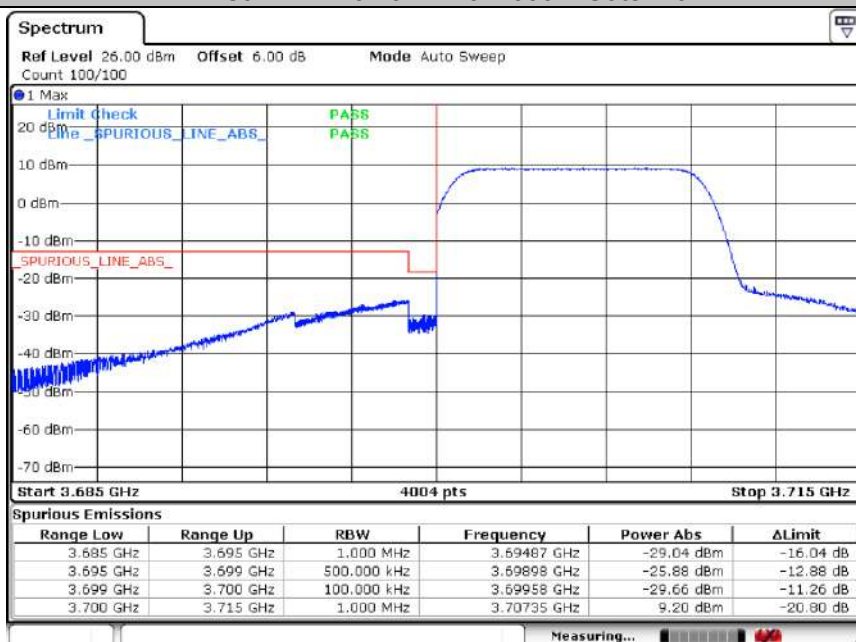


## N77 30KHz TM6 10MHz 647000 Edge 1RB Left



Date: 17.OCT.2020 15:20:05

## N77 30KHz TM6 10MHz 647000 Outer Full



Date: 17.OCT.2020 15:18:34



## N77 30KHz TM6 10MHz 665000 Edge 1RB Right



Date: 17.OCT.2020 18:33:33

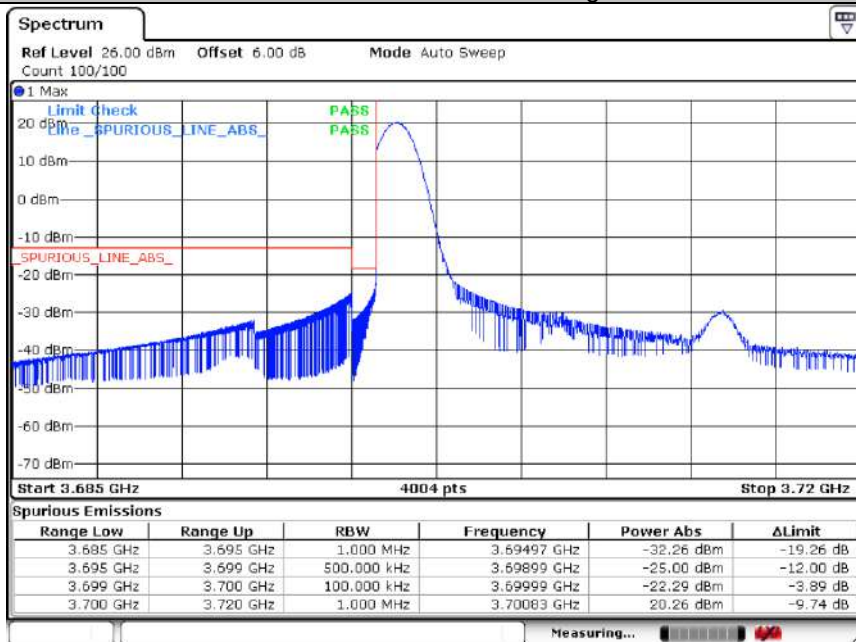
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Date: 17.OCT.2020 18:34:48



## N77 30KHz TM1 15MHz 647168 Edge 1RB Left



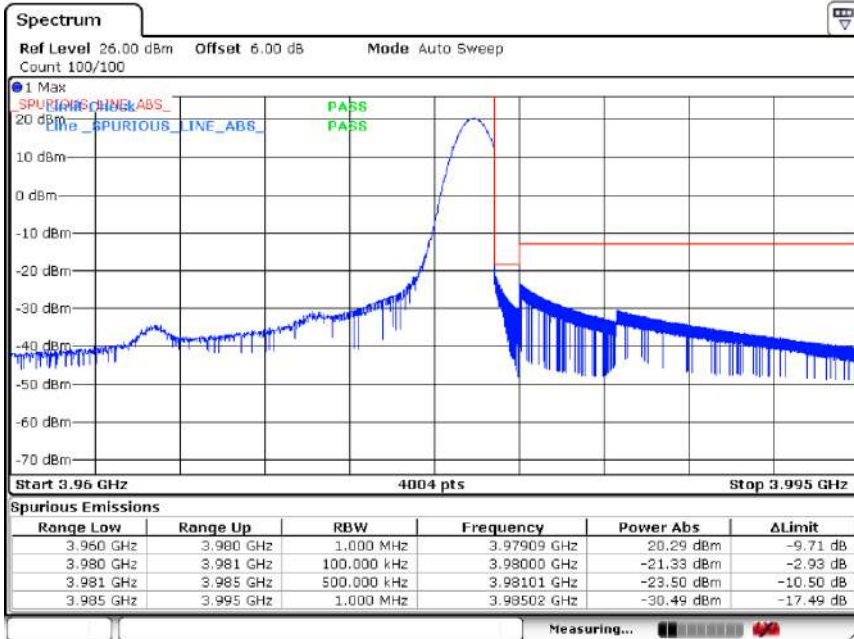
Date: 17.OCT.2020 16:20:43

## N77 30KHz TM1 15MHz 647168 Outer Full



Date: 17.OCT.2020 16:19:36

## N77 30KHz TM1 15MHz 664832 Edge 1RB Right



Date: 17.OCT.2020 17:43:51

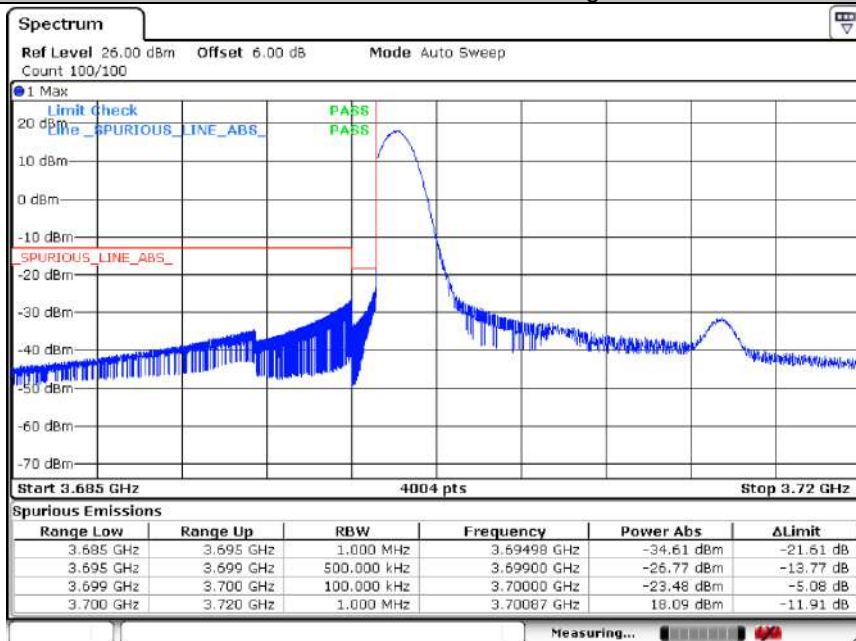
## N77 30KHz TM1 15MHz 664832 Outer Full



Date: 17.OCT.2020 17:42:32



## N77 30KHz TM6 15MHz 647168 Edge 1RB Left



Date: 17.OCT.2020 15:22:55

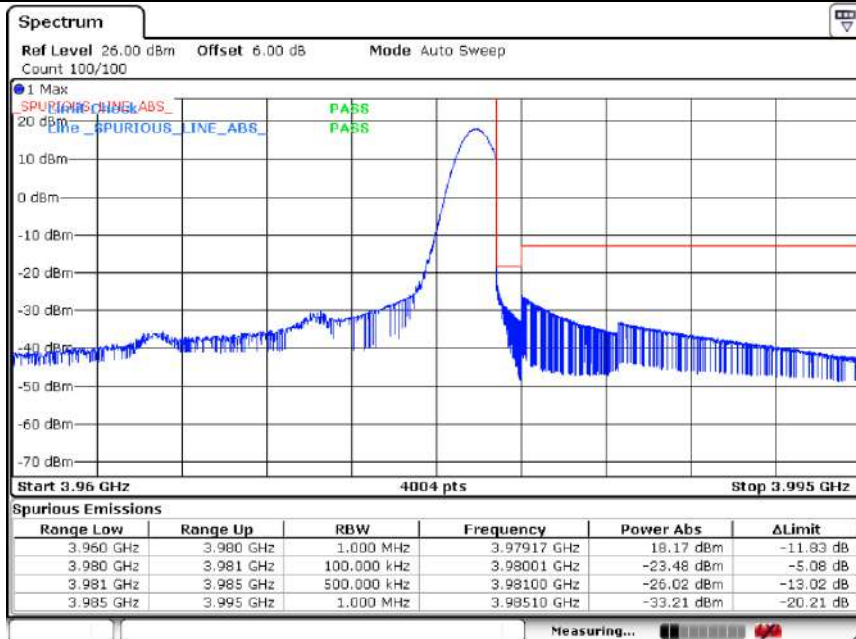
## N77 30KHz TM6 15MHz 647168 Outer Full



Date: 17.OCT.2020 15:21:52



## N77 30KHz TM6 15MHz 664832 Edge 1RB Right



Date: 17.OCT.2020 18:37:32

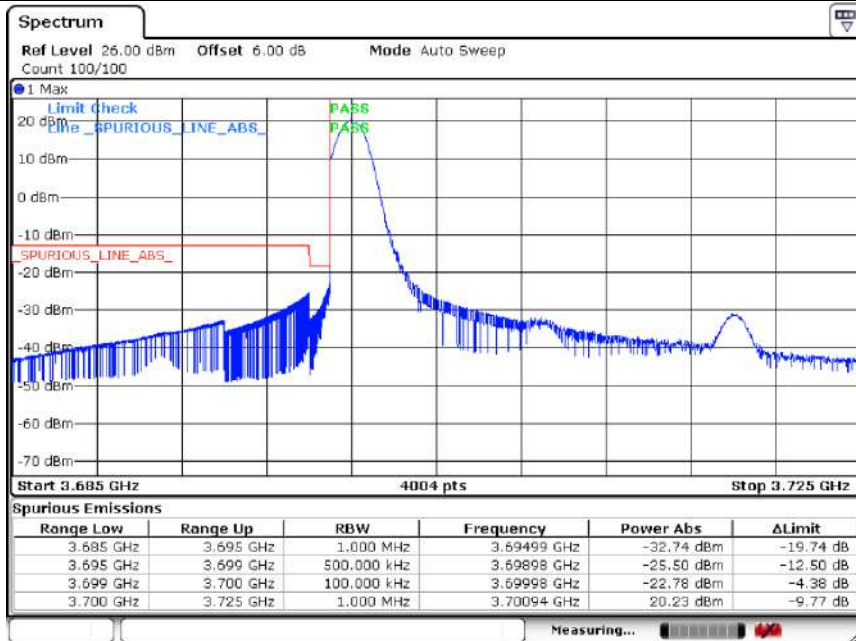
## N77 30KHz TM6 15MHz 664832 Outer Full



Date: 17.OCT.2020 18:36:25



## N77 30KHz TM1 20MHz 647334 Edge 1RB Left



Date: 17.OCT.2020 16:17:51

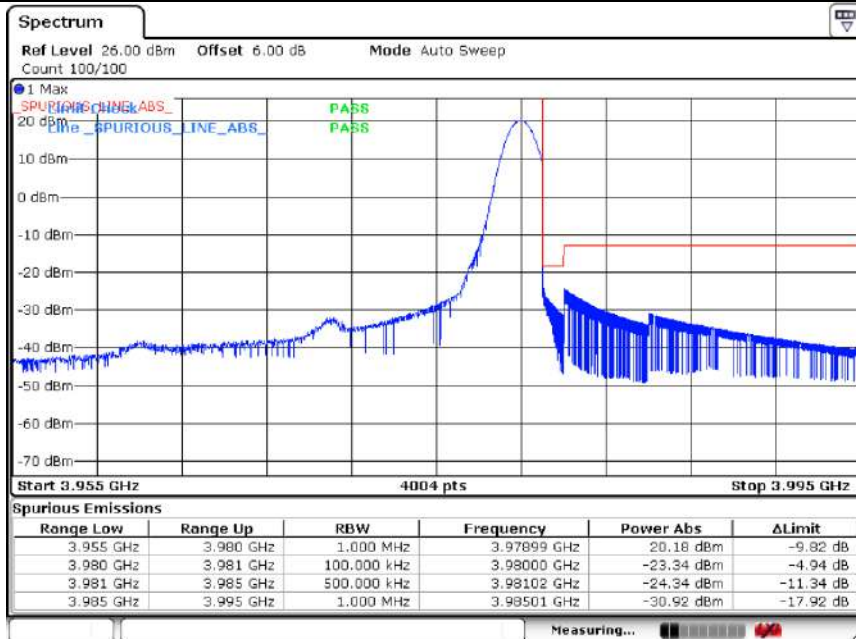
## N77 30KHz TM1 20MHz 647334 Outer Full



Date: 17.OCT.2020 16:16:38



## N77 30KHz TM1 20MHz 664666 Edge 1RB Right



Date: 17.OCT.2020 17:40:13

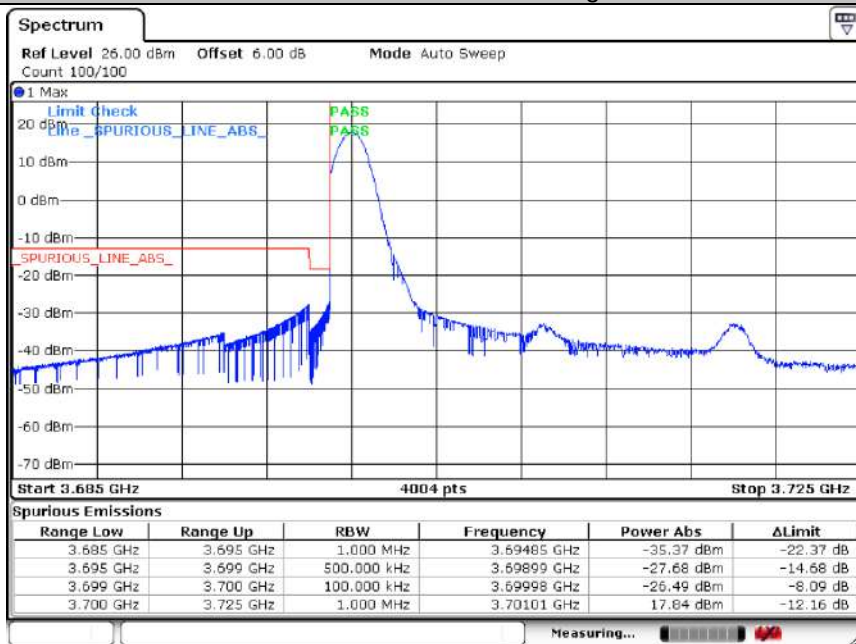
## N77 30KHz TM1 20MHz 664666 Outer Full



Date: 17.OCT.2020 17:39:00



## N77 30KHz TM6 20MHz 647334 Edge 1RB Left



Date: 17.OCT.2020 15:16:44

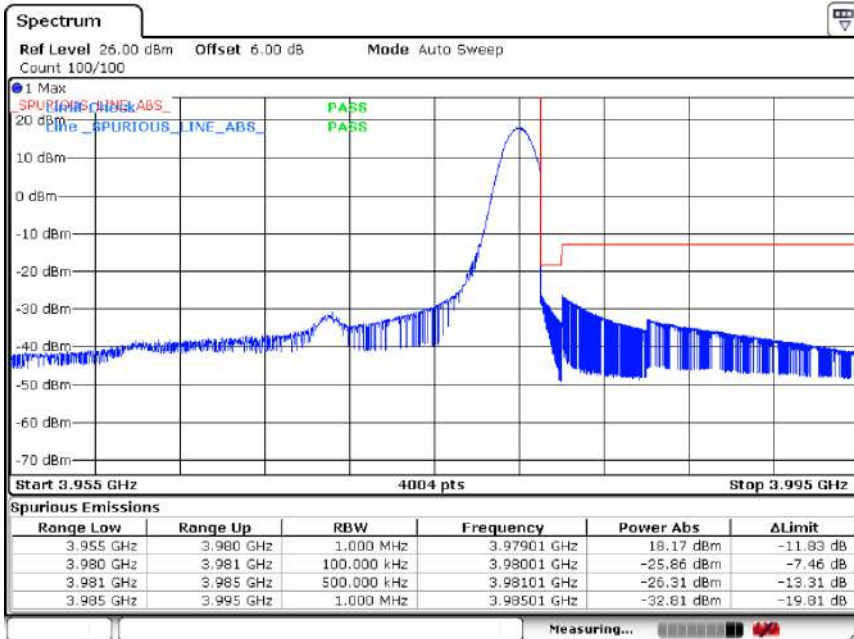
## N77 30KHz TM6 20MHz 647334 Outer Full



Date: 17.OCT.2020 15:11:53



## N77 30KHz TM6 20MHz 664666 Edge 1RB Right



Date: 17.OCT.2020 18:40:38

## N77 30KHz TM6 20MHz 664666 Outer Full



Date: 17.OCT.2020 18:39:29



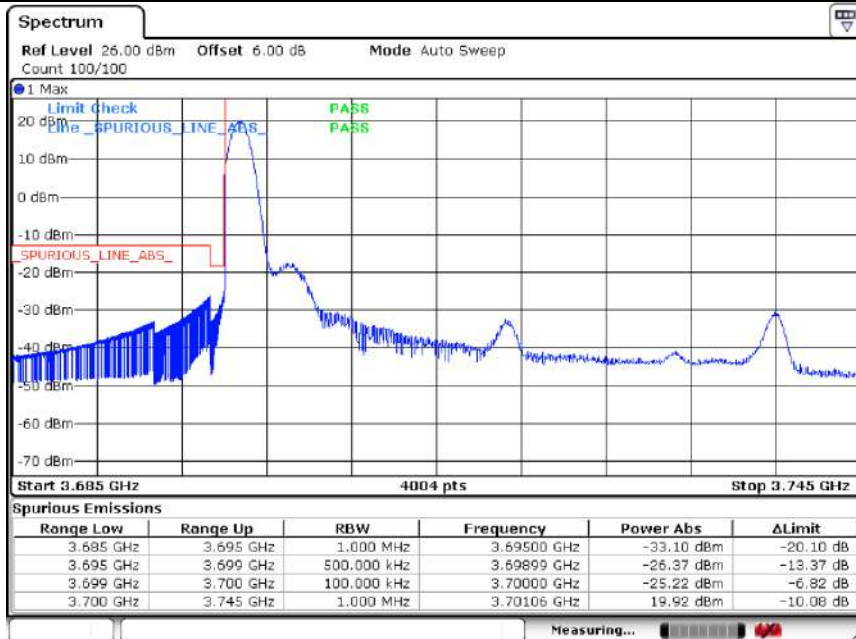
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## N77 30KHz TM1 40MHz 648000 Edge 1RB Left



Date: 17.OCT.2020 16:15:08

## N77 30KHz TM1 40MHz 648000 Outer Full



Date: 17.OCT.2020 16:14:02



## N77 30KHz TM1 40MHz 664000 Edge 1RB Right



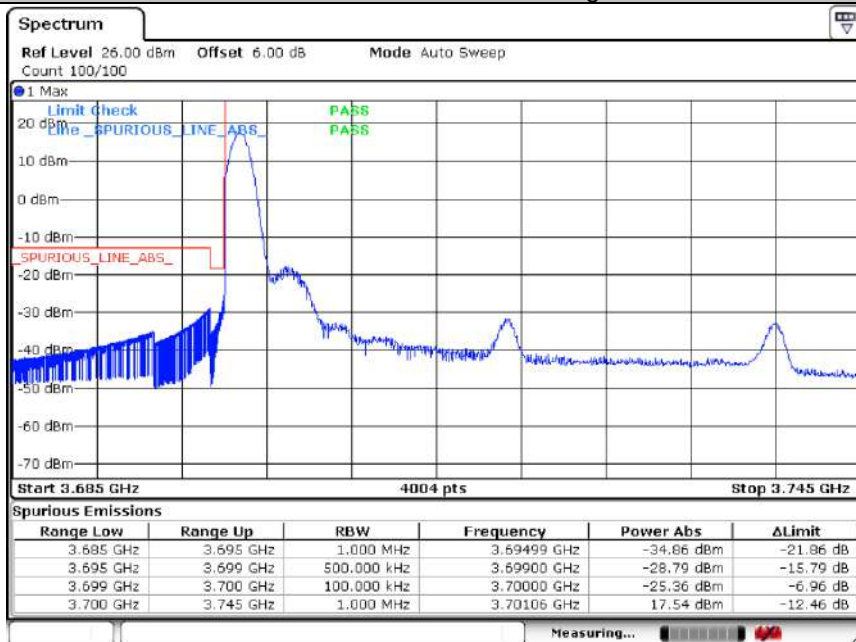
Date: 17.OCT.2020 17:36:52

## N77 30KHz TM1 40MHz 664000 Outer Full



Date: 17.OCT.2020 17:35:39

## N77 30KHz TM6 40MHz 648000 Edge 1RB Left



Date: 17.OCT.2020 15:25:23

## N77 30KHz TM6 40MHz 648000 Outer Full



Date: 17.OCT.2020 15:24:20



## N77 30KHz TM6 40MHz 664000 Edge 1RB Right



Date: 17.OCT.2020 18:43:41

## N77 30KHz TM6 40MHz 664000 Outer Full



Date: 17.OCT.2020 18:42:32



## N77 30KHz TM1 50MHz 648334 Edge 1RB Left



Date: 17.OCT.2020 16:10:47

## N77 30KHz TM1 50MHz 648334 Outer Full



Date: 17.OCT.2020 16:08:53



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## N77 30KHz TM1 50MHz 663666 Edge 1RB Right



Date: 17.OCT.2020 17:33:48

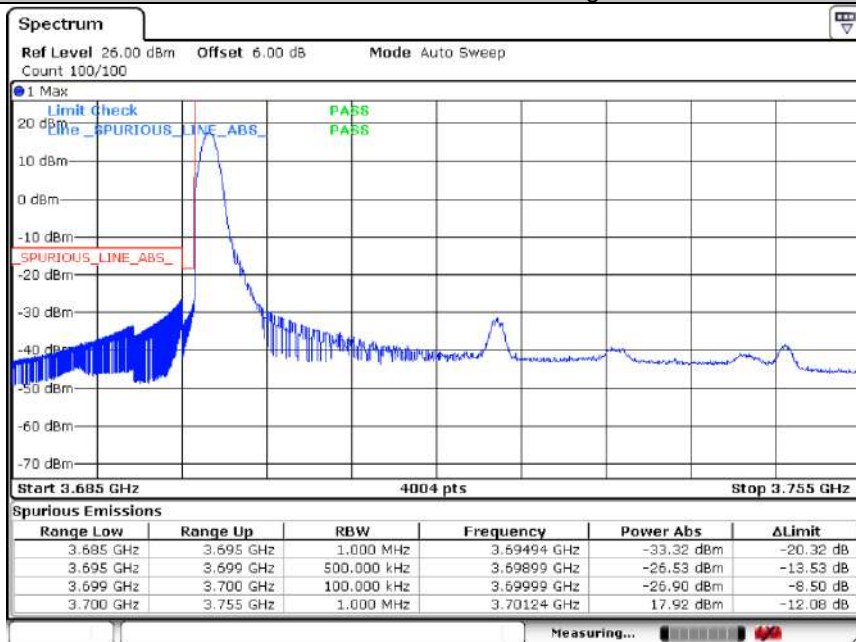
## N77 30KHz TM1 50MHz 663666 Outer Full



Date: 17.OCT.2020 17:32:36

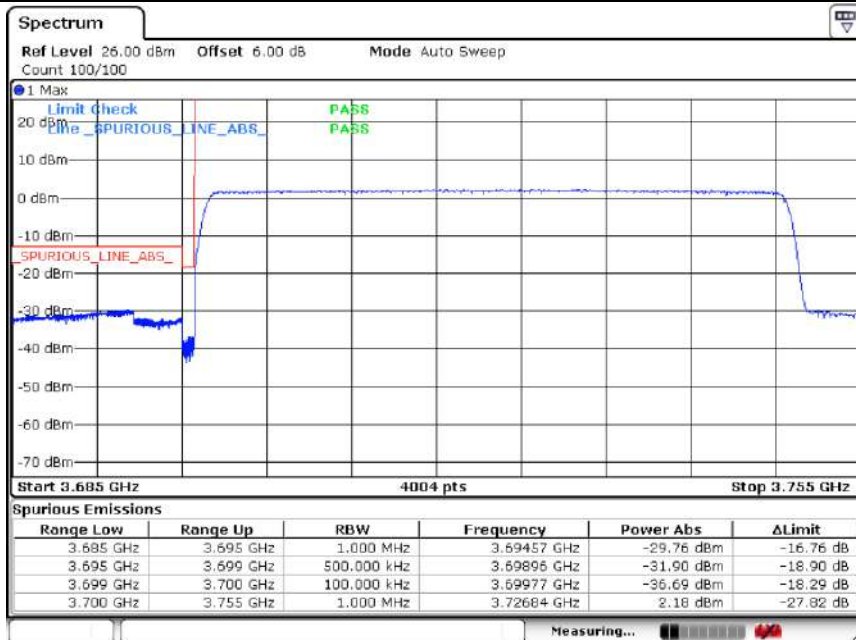


## N77 30KHz TM6 50MHz 648334 Edge 1RB Left



Date: 17.OCT.2020 15:28:13

## N77 30KHz TM6 50MHz 648334 Outer Full



Date: 17.OCT.2020 15:27:06

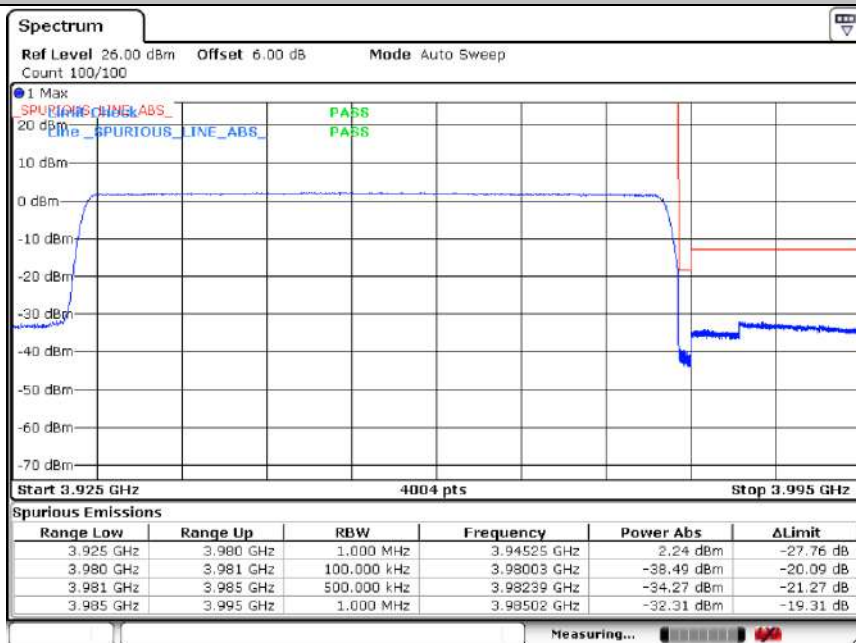


## N77 30KHz TM6 50MHz 663666 Edge 1RB Right



Date: 17.OCT.2020 18:46:39

## N77 30KHz TM6 50MHz 663666 Outer Full



Date: 17.OCT.2020 18:45:28

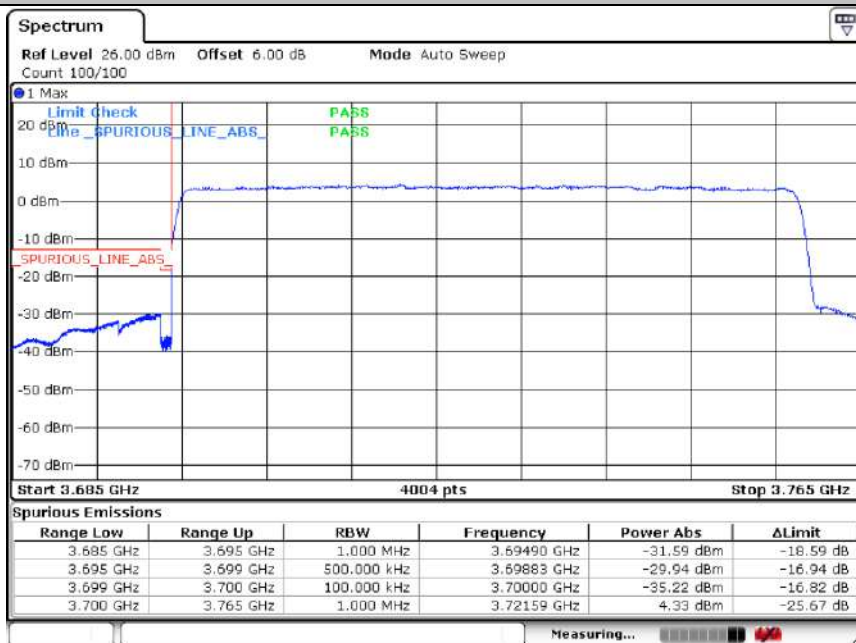


## N77 30KHz TM1 60MHz 648668 Edge 1RB Left



Date: 17.OCT.2020 16:06:02

## N77 30KHz TM1 60MHz 648668 Outer Full



Date: 17.OCT.2020 16:04:45



## N77 30KHz TM1 60MHz 663332 Edge 1RB Right



Date: 17.OCT.2020 17:30:22

## N77 30KHz TM1 60MHz 663332 Outer Full



Date: 17.OCT.2020 17:29:13

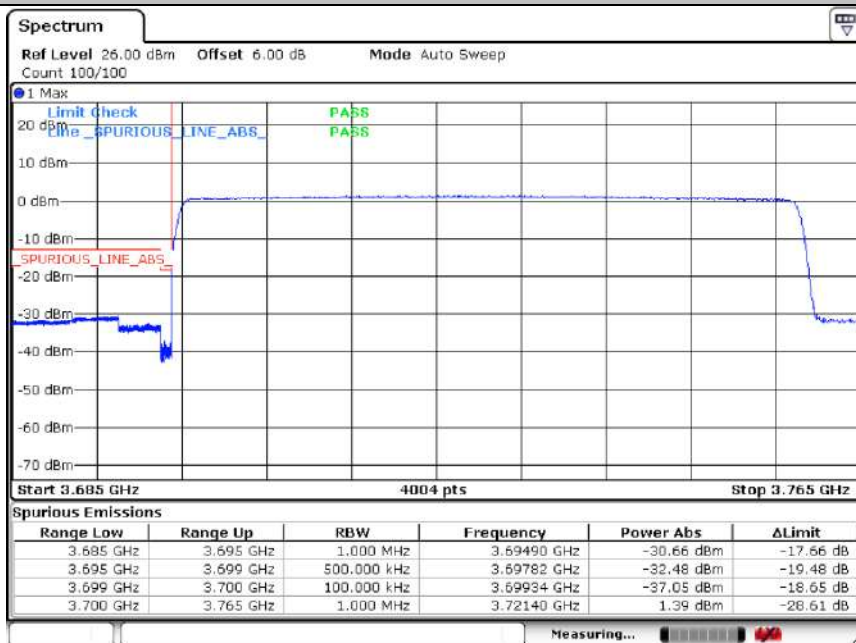


## N77 30KHz TM6 60MHz 648668 Edge 1RB Left



Date: 17.OCT.2020 15:30:58

## N77 30KHz TM6 60MHz 648668 Outer Full



Date: 17.OCT.2020 15:29:57



## N77 30KHz TM6 60MHz 663332 Edge 1RB Right



Date: 17.OCT.2020 18:51:02

## N77 30KHz TM6 60MHz 663332 Outer Full



Date: 17.OCT.2020 18:49:52

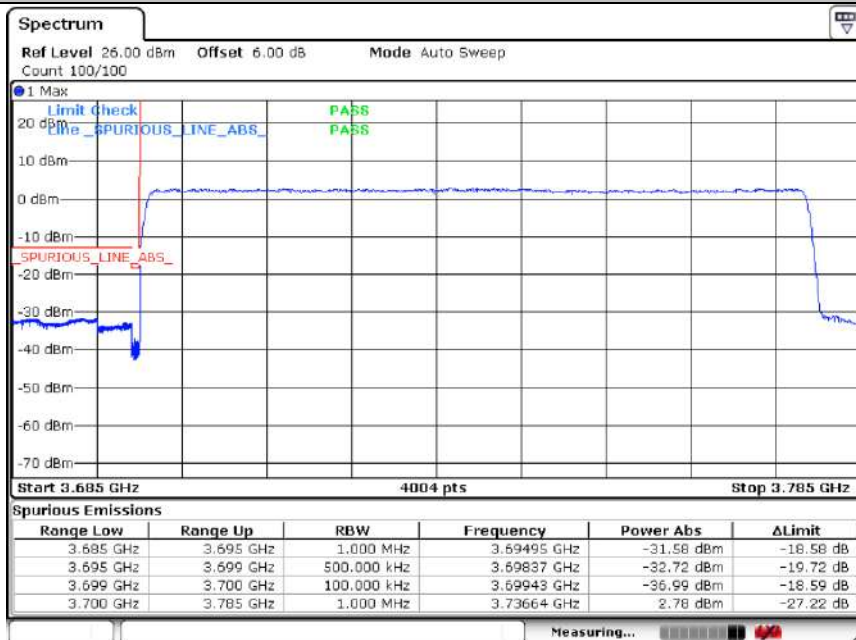


## N77 30KHz TM1 80MHz 649334 Edge 1RB Left



Date: 17.OCT.2020 15:59:47

## N77 30KHz TM1 80MHz 649334 Outer Full



Date: 17.OCT.2020 15:57:47



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## N77 30KHz TM1 80MHz 662666 Edge 1RB Right



Date: 17.OCT.2020 17:27:25

## N77 30KHz TM1 80MHz 662666 Outer Full



Date: 17.OCT.2020 17:26:13

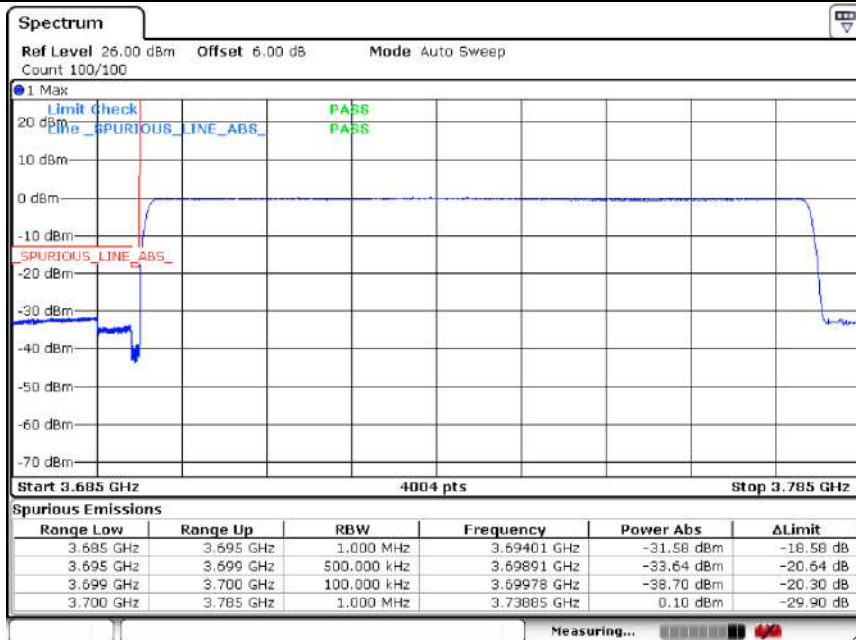


## N77 30KHz TM6 80MHz 649334 Edge 1RB Left



Date: 17.OCT.2020 15:33:48

## N77 30KHz TM6 80MHz 649334 Outer Full



Date: 17.OCT.2020 15:32:41

## N77 30KHz TM6 80MHz 662666 Edge 1RB Right



Date: 17.OCT.2020 18:56:11

## N77 30KHz TM6 80MHz 662666 Outer Full



Date: 17.OCT.2020 18:54:59

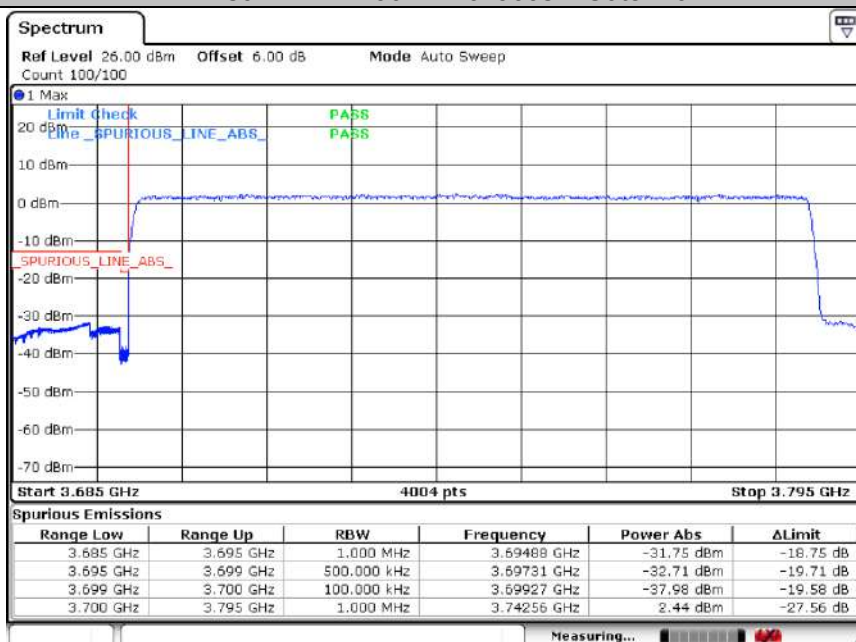


## N77 30KHz TM1 90MHz 649668 Edge 1RB Left



Date: 17.OCT.2020 15:55:42

## N77 30KHz TM1 90MHz 649668 Outer Full



Date: 17.OCT.2020 15:54:07



## N77 30KHz TM1 90MHz 662332 Edge 1RB Right



Date: 17.OCT.2020 17:24:18

## N77 30KHz TM1 90MHz 662332 Outer Full



Date: 17.OCT.2020 17:23:07



## N77 30KHz TM6 90MHz 649668 Edge 1RB Left



Date: 17.OCT.2020 15:36:29

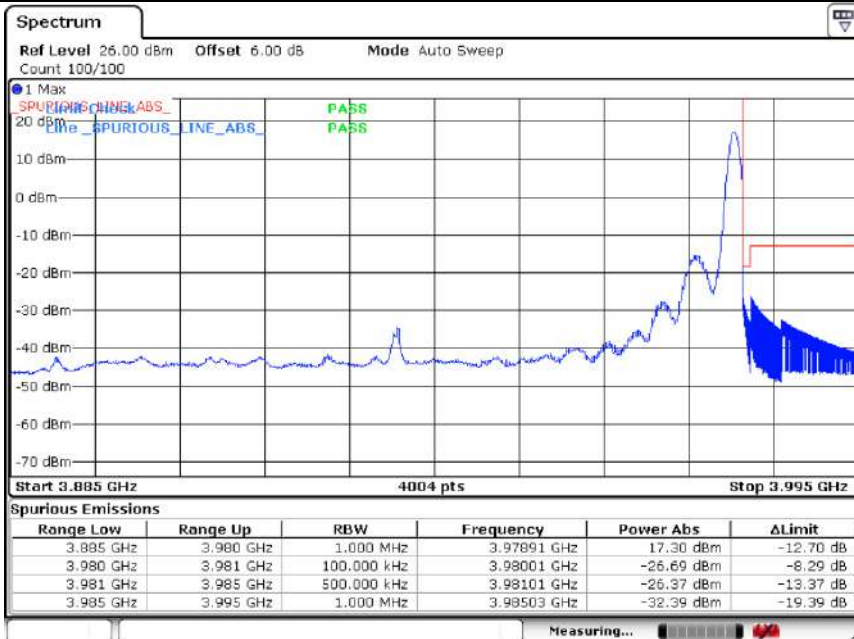
## N77 30KHz TM6 90MHz 649668 Outer Full



Date: 17.OCT.2020 15:35:23



## N77 30KHz TM6 90MHz 662332 Edge 1RB Right



Date: 17.OCT.2020 18:59:39

## N77 30KHz TM6 90MHz 662332 Outer Full



Date: 17.OCT.2020 18:58:16

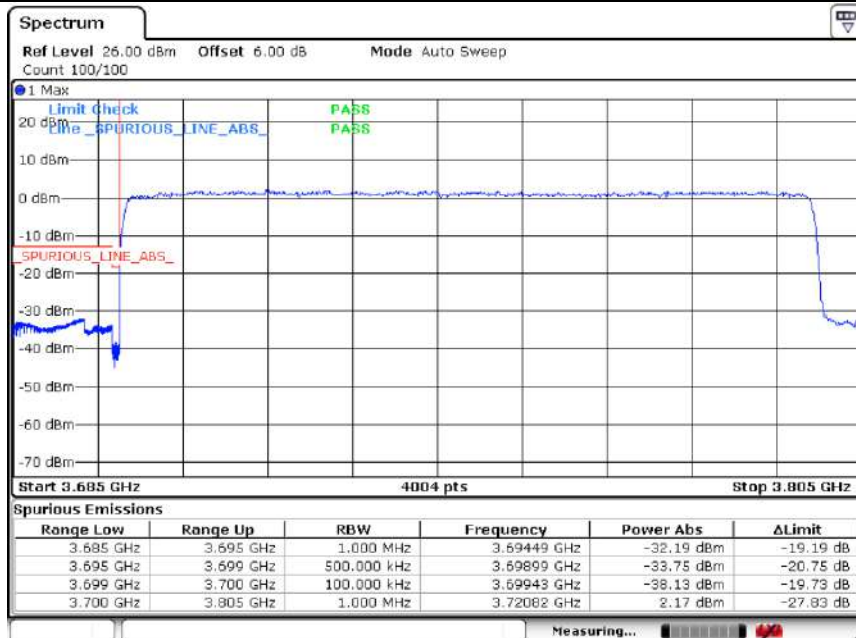


## N77 30KHz TM1 100MHz 650000 Edge 1RB Left



Date: 17.OCT.2020 15:50:31

## N77 30KHz TM1 100MHz 650000 Outer Full



Date: 17.OCT.2020 15:46:13

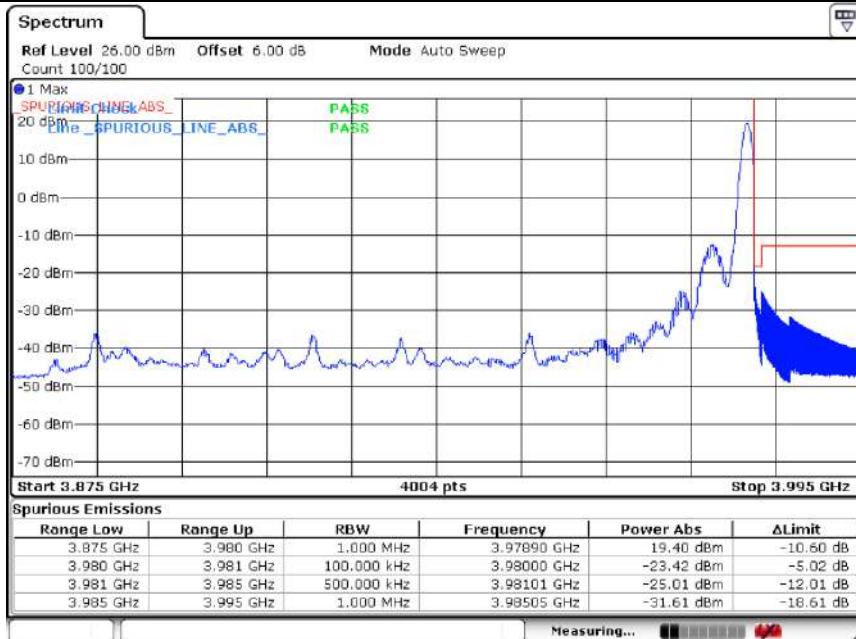


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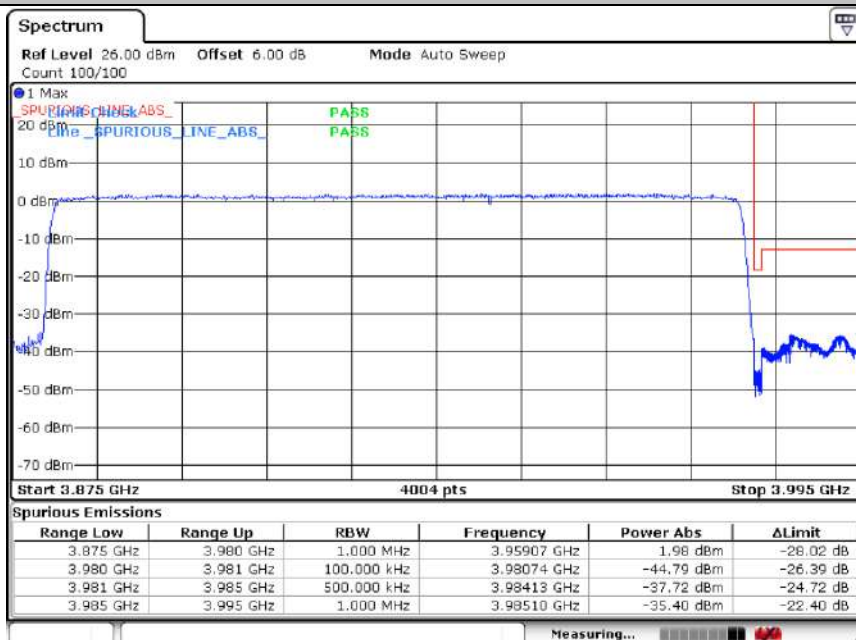
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## N77 30KHz TM1 100MHz 662000 Edge 1RB Right



Date: 17.OCT.2020 17:21:06

## N77 30KHz TM1 100MHz 662000 Outer Full



Date: 17.OCT.2020 17:19:51

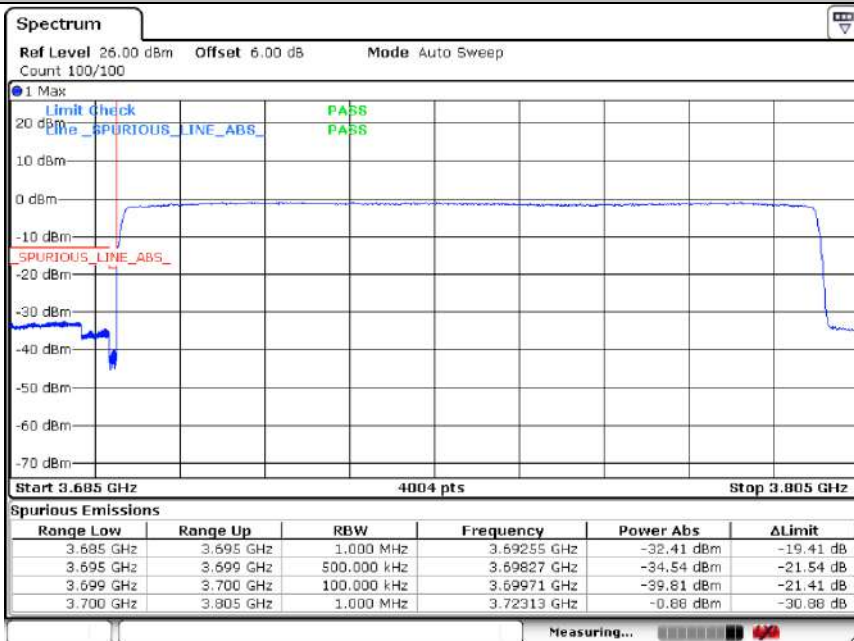


## N77 30KHz TM6 100MHz 650000 Edge 1RB Left



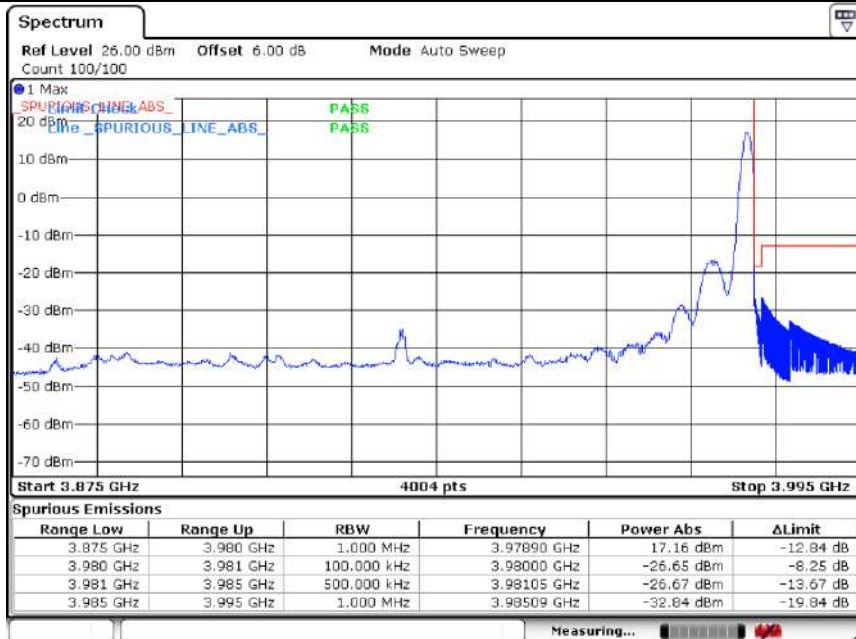
Date: 17.OCT.2020 15:44:17

## N77 30KHz TM6 100MHz 650000 Outer Full



Date: 17.OCT.2020 15:43:05

## N77 30KHz TM6 100MHz 662000 Edge 1RB Right



Date: 17.OCT.2020 19:02:56

## N77 30KHz TM6 100MHz 662000 Outer Full



Date: 17.OCT.2020 19:01:42

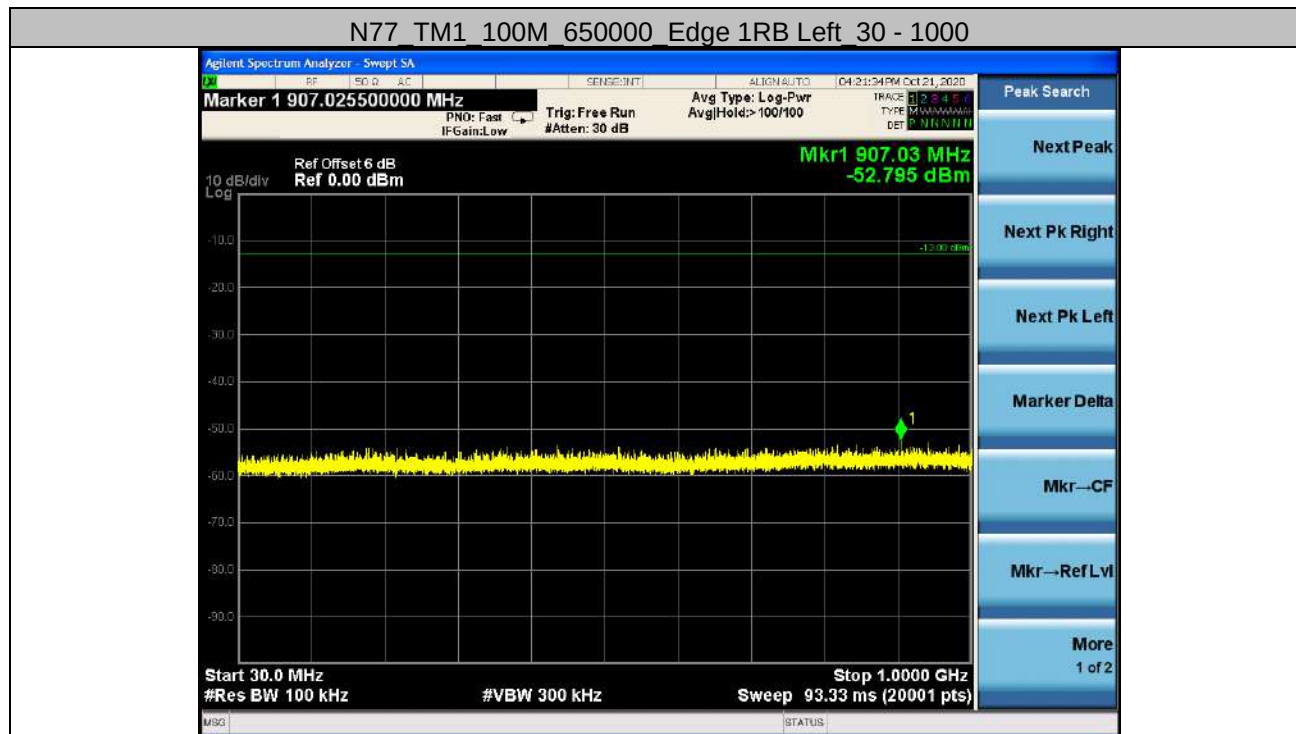
## REMARK:

All antenna and all modulation had been tested, but only the worst case data displayed in this report

## 6 Spurious Emission at Antenna Terminal

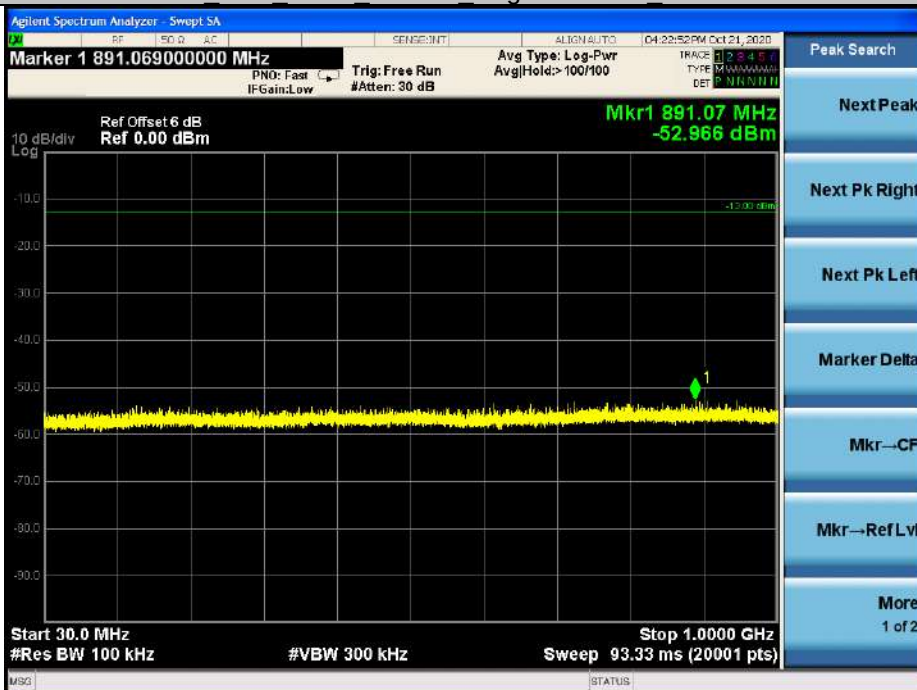
REMARK: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of  $< RBW/2$  so that narrow Band signals are not lost between frequency bins. As to the present test item, the "Measurement Points =  $k * (Span / RBW)$ " with  $k$  between 4 and 5, which results in an acceptable level error of less than 0.5 dB.

### 6.1 Test Plots





N77 TM1 100M 656000 Edge 1RB Left 30 - 1000



N77 TM1 100M 656000 Edge 1RB Left 1000 - 26500



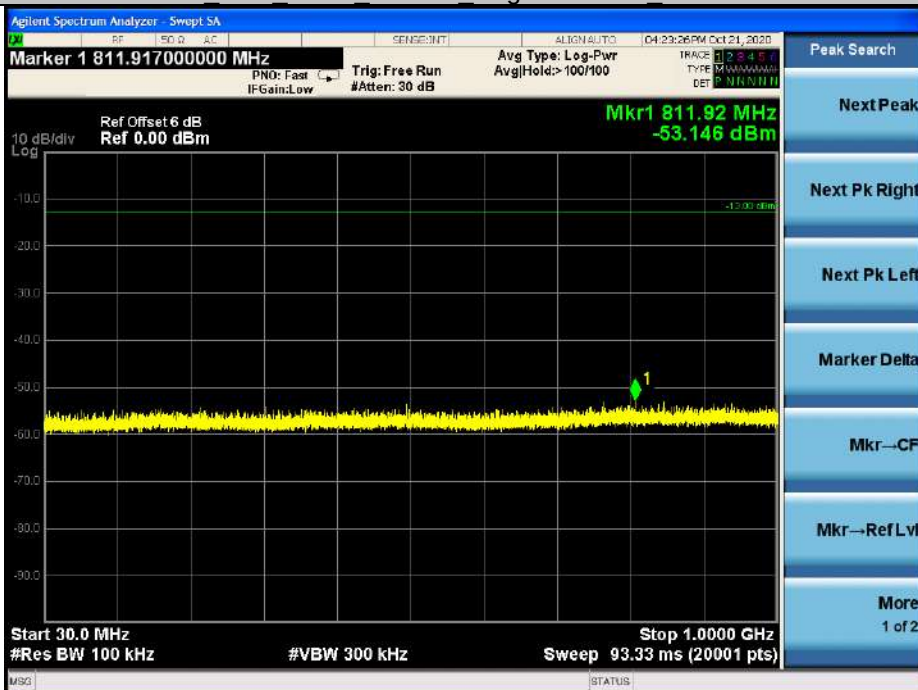
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N77 TM1 100M 662000 Edge 1RB Left 30 - 1000



N77 TM1 100M 662000 Edge 1RB Left 1000 - 26500



## 7 Field Strength of Spurious Radiation

### 7.1 Test Band = N77(ant3)

#### 7.1.1 Test Mode = TM1

##### 7.1.1.1 Test Channel = LCH

| Frequency (MHz) | Level (dBm) | Limit Line (dBm) | Margin (dB) | Polarization |
|-----------------|-------------|------------------|-------------|--------------|
| 35.8203         | -72.26      | -13.00           | 49.26       | Vertical     |
| 109.5925        | -63.44      | -13.00           | 50.44       | Vertical     |
| 909.4945        | -60.01      | -13.00           | 47.01       | Vertical     |
| 2698.3397       | -36.81      | -13.00           | 23.81       | Vertical     |
| 7000.0000       | -39.52      | -13.00           | 26.52       | Vertical     |
| 16907.9939      | -45.93      | -13.00           | 42.93       | Vertical     |
| 42.2711         | -64.95      | -13.00           | 51.95       | Horizontal   |
| 358.0704        | -69.44      | -13.00           | 56.44       | Horizontal   |
| 898.0479        | -61.57      | -13.00           | 48.57       | Horizontal   |
| 2701.5403       | -36.84      | -13.00           | 23.84       | Horizontal   |
| 6999.1999       | -39.93      | -13.00           | 26.93       | Horizontal   |
| 16393.1595      | -44.49      | -13.00           | 31.49       | Horizontal   |

##### 7.1.1.2 Test Channel = MCH

| Frequency (MHz) | Level (dBm) | Limit Line (dBm) | Margin (dB) | Polarization |
|-----------------|-------------|------------------|-------------|--------------|
| 79.1815         | -64.02      | -13.00           | 51.02       | Vertical     |
| 118.1774        | -63.54      | -13.00           | 50.54       | Vertical     |
| 742.4036        | -61.93      | -13.00           | 48.93       | Vertical     |
| 2142.2284       | -38.39      | -13.00           | 25.39       | Vertical     |
| 6982.7983       | -39.54      | -13.00           | 26.54       | Vertical     |
| 17964.7977      | -45.77      | -13.00           | 32.77       | Vertical     |
| 44.9872         | -64.72      | -13.00           | 51.72       | Horizontal   |
| 233.2252        | -68.14      | -13.00           | 55.14       | Horizontal   |
| 789.2085        | -62.60      | -13.00           | 49.60       | Horizontal   |
| 2694.3389       | -36.93      | -13.00           | 23.93       | Horizontal   |
| 6983.1983       | -40.30      | -13.00           | 27.30       | Horizontal   |
| 16410.0273      | -44.83      | -13.00           | 31.83       | Horizontal   |



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## 7.1.1.3 Test Channel = HCH

| Frequency (MHz) | Level (dBm) | Limit Line (dBm) | Margin (dB) | Polarization |
|-----------------|-------------|------------------|-------------|--------------|
| 77.6779         | -65.27      | -13.00           | 52.27       | Vertical     |
| 118.1774        | -63.54      | -13.00           | 50.54       | Vertical     |
| 600.5825        | -63.41      | -13.00           | 50.41       | Vertical     |
| 2675.9352       | -37.33      | -13.00           | 24.33       | Vertical     |
| 6973.1973       | -39.68      | -13.00           | 26.68       | Vertical     |
| 16885.9924      | -46.22      | -13.00           | 33.22       | Vertical     |
| 42.1256         | -64.51      | -13.00           | 51.51       | Horizontal   |
| 456.6758        | -67.27      | -13.00           | 54.27       | Horizontal   |
| 678.8654        | -63.38      | -13.00           | 50.38       | Horizontal   |
| 2140.6281       | -39.88      | -13.00           | 26.88       | Horizontal   |
| 6968.3968       | -40.35      | -13.00           | 27.35       | Horizontal   |
| 16366.0244      | -45.67      | -13.00           | 32.67       | Horizontal   |

## REMARK:

All antenna and all modulation had been tested, but only the worst case data displayed in this report



## 8 Frequency Stability

### 8.1 Frequency Error VS. Voltage

| NR Band | SCS   | Bandwidth | Modulation | Channel | RB Config  | Voltage [Vdc] | Temperature(°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
|---------|-------|-----------|------------|---------|------------|---------------|-----------------|----------------|-----------------|-------------|---------|
| N77     | 30KHz | 100MHz    | TM1        | 650000  | Outer Full | VL            | NT              | -18.43         | -0.00491        | ±2.5        | PASS    |
| N77     | 30KHz | 100MHz    | TM1        | 650000  | Outer Full | VN            | NT              | -18.52         | -0.00494        | ±2.5        | PASS    |
| N77     | 30KHz | 100MHz    | TM1        | 650000  | Outer Full | VH            | NT              | 22.11          | 0.00590         | ±2.5        | PASS    |
| N77     | 30KHz | 100MHz    | TM1        | 656000  | Outer Full | VL            | NT              | 15.49          | 0.00403         | ±2.5        | PASS    |
| N77     | 30KHz | 100MHz    | TM1        | 656000  | Outer Full | VN            | NT              | -24.51         | -0.00638        | ±2.5        | PASS    |
| N77     | 30KHz | 100MHz    | TM1        | 656000  | Outer Full | VH            | NT              | -11.90         | -0.00310        | ±2.5        | PASS    |
| N77     | 30KHz | 100MHz    | TM1        | 662000  | Outer Full | VL            | NT              | -22.39         | -0.00570        | ±2.5        | PASS    |
| N77     | 30KHz | 100MHz    | TM1        | 662000  | Outer Full | VN            | NT              | -18.85         | -0.00480        | ±2.5        | PASS    |
| N77     | 30KHz | 100MHz    | TM1        | 662000  | Outer Full | VH            | NT              | 21.83          | 0.00555         | ±2.5        | PASS    |
| N77     | 30KHz | 100MHz    | TM6        | 650000  | Outer Full | VL            | NT              | -21.44         | -0.00572        | ±2.5        | PASS    |
| N77     | 30KHz | 100MHz    | TM6        | 650000  | Outer Full | VN            | NT              | -18.74         | -0.00500        | ±2.5        | PASS    |
| N77     | 30KHz | 100MHz    | TM6        | 650000  | Outer Full | VH            | NT              | 14.12          | 0.00377         | ±2.5        | PASS    |
| N77     | 30KHz | 100MHz    | TM6        | 656000  | Outer Full | VL            | NT              | 23.22          | 0.00605         | ±2.5        | PASS    |
| N77     | 30KHz | 100MHz    | TM6        | 656000  | Outer Full | VN            | NT              | -20.65         | -0.00538        | ±2.5        | PASS    |
| N77     | 30KHz | 100MHz    | TM6        | 656000  | Outer Full | VH            | NT              | -5.94          | -0.00155        | ±2.5        | PASS    |
| N77     | 30KHz | 100MHz    | TM6        | 662000  | Outer Full | VL            | NT              | -12.91         | -0.00328        | ±2.5        | PASS    |
| N77     | 30KHz | 100MHz    | TM6        | 662000  | Outer Full | VN            | NT              | -11.28         | -0.00287        | ±2.5        | PASS    |
| N77     | 30KHz | 100MHz    | TM6        | 662000  | Outer Full | VH            | NT              | -19.15         | -0.00487        | ±2.5        | PASS    |

### 8.2 Frequency Error VS. Temperature

| NR Band | SCS   | Bandwidth | Modulation | Channel | RB Config  | Voltage [Vdc] | Temperature(°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
|---------|-------|-----------|------------|---------|------------|---------------|-----------------|----------------|-----------------|-------------|---------|
| N77     | 30KHz | 100MHz    | TM1        | 650000  | Outer Full | VN            | -30             | -20.44         | -0.005451       | ±2.5        | PASS    |
| N77     | 30KHz | 100MHz    | TM1        | 650000  | Outer Full | VN            | -20             | -12.07         | -0.003219       | ±2.5        | PASS    |
| N77     | 30KHz | 100MHz    | TM1        | 650000  | Outer Full | VN            | -10             | 14.43          | 0.003848        | ±2.5        | PASS    |
| N77     | 30KHz | 100MHz    | TM1        | 650000  | Outer Full | VN            | 0               | 16.21          | 0.004323        | ±2.5        | PASS    |
| N77     | 30KHz | 100MHz    | TM1        | 650000  | Outer Full | VN            | 10              | 15.57          | 0.004152        | ±2.5        | PASS    |
| N77     | 30KHz | 100MHz    | TM1        | 650000  | Outer Full | VN            | 20              | -11.55         | -0.003080       | ±2.5        | PASS    |
| N77     | 30KHz | 100MHz    | TM1        | 650000  | Outer Full | VN            | 30              | -24.77         | -0.006605       | ±2.5        | PASS    |
| N77     | 30KHz | 100MHz    | TM1        | 650000  | Outer Full | VN            | 40              | -20.47         | -0.005459       | ±2.5        | PASS    |
| N77     | 30KHz | 100MHz    | TM1        | 650000  | Outer Full | VN            | 50              | 18.09          | 0.004824        | ±2.5        | PASS    |
| N77     | 30KHz | 100MHz    | TM1        | 656000  | Outer Full | VN            | -30             | 12.93          | 0.003367        | ±2.5        | PASS    |
| N77     | 30KHz | 100MHz    | TM1        | 656000  | Outer Full | VN            | -20             | -13.88         | -0.003615       | ±2.5        | PASS    |
| N77     | 30KHz | 100MHz    | TM1        | 656000  | Outer Full | VN            | -10             | 6.99           | 0.001820        | ±2.5        | PASS    |
| N77     | 30KHz | 100MHz    | TM1        | 656000  | Outer Full | VN            | 0               | -5.44          | -0.001417       | ±2.5        | PASS    |
| N77     | 30KHz | 100MHz    | TM1        | 656000  | Outer Full | VN            | 10              | 24.01          | 0.006253        | ±2.5        | PASS    |
| N77     | 30KHz | 100MHz    | TM1        | 656000  | Outer Full | VN            | 20              | 12.17          | 0.003169        | ±2.5        | PASS    |





|     |       |        |     |        |            |    |     |        |           |      |      |
|-----|-------|--------|-----|--------|------------|----|-----|--------|-----------|------|------|
| N77 | 30KHz | 100MHz | TM1 | 656000 | Outer Full | VN | 30  | 9.25   | 0.002409  | ±2.5 | PASS |
| N77 | 30KHz | 100MHz | TM1 | 656000 | Outer Full | VN | 40  | -12.43 | -0.003237 | ±2.5 | PASS |
| N77 | 30KHz | 100MHz | TM1 | 656000 | Outer Full | VN | 50  | 6.39   | 0.001664  | ±2.5 | PASS |
| N77 | 30KHz | 100MHz | TM1 | 662000 | Outer Full | VN | -30 | -14.74 | -0.003751 | ±2.5 | PASS |
| N77 | 30KHz | 100MHz | TM1 | 662000 | Outer Full | VN | -20 | -13.66 | -0.003476 | ±2.5 | PASS |
| N77 | 30KHz | 100MHz | TM1 | 662000 | Outer Full | VN | -10 | 11.09  | 0.002822  | ±2.5 | PASS |
| N77 | 30KHz | 100MHz | TM1 | 662000 | Outer Full | VN | 0   | 12.66  | 0.003221  | ±2.5 | PASS |
| N77 | 30KHz | 100MHz | TM1 | 662000 | Outer Full | VN | 10  | 6.27   | 0.001595  | ±2.5 | PASS |
| N77 | 30KHz | 100MHz | TM1 | 662000 | Outer Full | VN | 20  | 18.43  | 0.004690  | ±2.5 | PASS |
| N77 | 30KHz | 100MHz | TM1 | 662000 | Outer Full | VN | 30  | -12.53 | -0.003188 | ±2.5 | PASS |
| N77 | 30KHz | 100MHz | TM1 | 662000 | Outer Full | VN | 40  | -7.16  | -0.001822 | ±2.5 | PASS |
| N77 | 30KHz | 100MHz | TM1 | 662000 | Outer Full | VN | 50  | 17.07  | 0.004344  | ±2.5 | PASS |
| N77 | 30KHz | 100MHz | TM6 | 650000 | Outer Full | VN | -30 | 10.40  | 0.002773  | ±2.5 | PASS |
| N77 | 30KHz | 100MHz | TM6 | 650000 | Outer Full | VN | -20 | 14.63  | 0.003901  | ±2.5 | PASS |
| N77 | 30KHz | 100MHz | TM6 | 650000 | Outer Full | VN | -10 | 24.73  | 0.006595  | ±2.5 | PASS |
| N77 | 30KHz | 100MHz | TM6 | 650000 | Outer Full | VN | 0   | -12.59 | -0.003357 | ±2.5 | PASS |
| N77 | 30KHz | 100MHz | TM6 | 650000 | Outer Full | VN | 10  | -10.26 | -0.002736 | ±2.5 | PASS |
| N77 | 30KHz | 100MHz | TM6 | 650000 | Outer Full | VN | 20  | 10.17  | 0.002712  | ±2.5 | PASS |
| N77 | 30KHz | 100MHz | TM6 | 650000 | Outer Full | VN | 30  | 14.22  | 0.003792  | ±2.5 | PASS |
| N77 | 30KHz | 100MHz | TM6 | 650000 | Outer Full | VN | 40  | 4.06   | 0.001083  | ±2.5 | PASS |
| N77 | 30KHz | 100MHz | TM6 | 650000 | Outer Full | VN | 50  | -15.70 | -0.004187 | ±2.5 | PASS |
| N77 | 30KHz | 100MHz | TM6 | 656000 | Outer Full | VN | -30 | 9.83   | 0.002560  | ±2.5 | PASS |
| N77 | 30KHz | 100MHz | TM6 | 656000 | Outer Full | VN | -20 | -20.90 | -0.005443 | ±2.5 | PASS |
| N77 | 30KHz | 100MHz | TM6 | 656000 | Outer Full | VN | -10 | -16.43 | -0.004279 | ±2.5 | PASS |
| N77 | 30KHz | 100MHz | TM6 | 656000 | Outer Full | VN | 0   | 7.66   | 0.001995  | ±2.5 | PASS |
| N77 | 30KHz | 100MHz | TM6 | 656000 | Outer Full | VN | 10  | -12.56 | -0.003271 | ±2.5 | PASS |
| N77 | 30KHz | 100MHz | TM6 | 656000 | Outer Full | VN | 20  | -9.95  | -0.002591 | ±2.5 | PASS |
| N77 | 30KHz | 100MHz | TM6 | 656000 | Outer Full | VN | 30  | -7.42  | -0.001932 | ±2.5 | PASS |
| N77 | 30KHz | 100MHz | TM6 | 656000 | Outer Full | VN | 40  | 13.84  | 0.003604  | ±2.5 | PASS |
| N77 | 30KHz | 100MHz | TM6 | 656000 | Outer Full | VN | 50  | -6.70  | -0.001745 | ±2.5 | PASS |
| N77 | 30KHz | 100MHz | TM6 | 662000 | Outer Full | VN | -30 | 12.62  | 0.003211  | ±2.5 | PASS |
| N77 | 30KHz | 100MHz | TM6 | 662000 | Outer Full | VN | -20 | 4.74   | 0.001206  | ±2.5 | PASS |
| N77 | 30KHz | 100MHz | TM6 | 662000 | Outer Full | VN | -10 | 8.26   | 0.002102  | ±2.5 | PASS |
| N77 | 30KHz | 100MHz | TM6 | 662000 | Outer Full | VN | 0   | -5.75  | -0.001463 | ±2.5 | PASS |
| N77 | 30KHz | 100MHz | TM6 | 662000 | Outer Full | VN | 10  | -17.55 | -0.004466 | ±2.5 | PASS |
| N77 | 30KHz | 100MHz | TM6 | 662000 | Outer Full | VN | 20  | 23.45  | 0.005967  | ±2.5 | PASS |
| N77 | 30KHz | 100MHz | TM6 | 662000 | Outer Full | VN | 30  | -9.84  | -0.002504 | ±2.5 | PASS |
| N77 | 30KHz | 100MHz | TM6 | 662000 | Outer Full | VN | 40  | 22.23  | 0.005656  | ±2.5 | PASS |
| N77 | 30KHz | 100MHz | TM6 | 662000 | Outer Full | VN | 50  | -5.32  | -0.001354 | ±2.5 | PASS |

**REMARK:**

All antenna and all modulation had been tested, but only the worst case data displayed in this report

**The End**



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