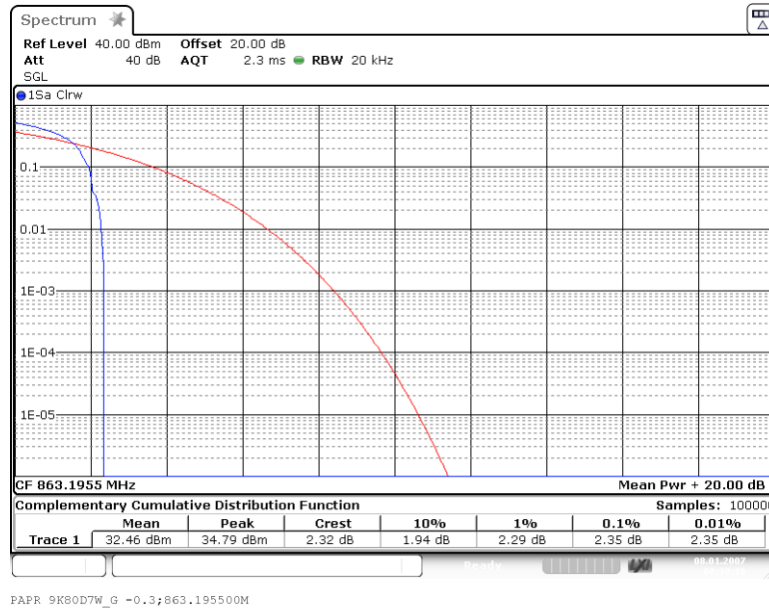
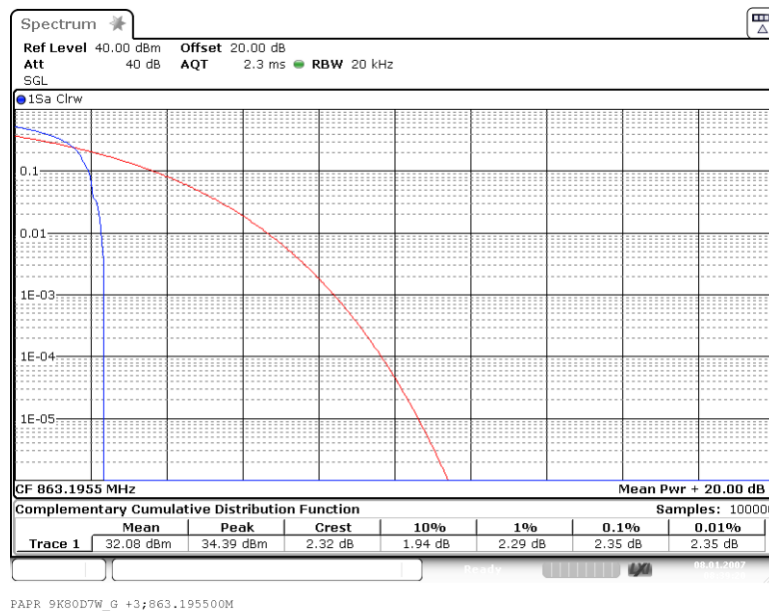


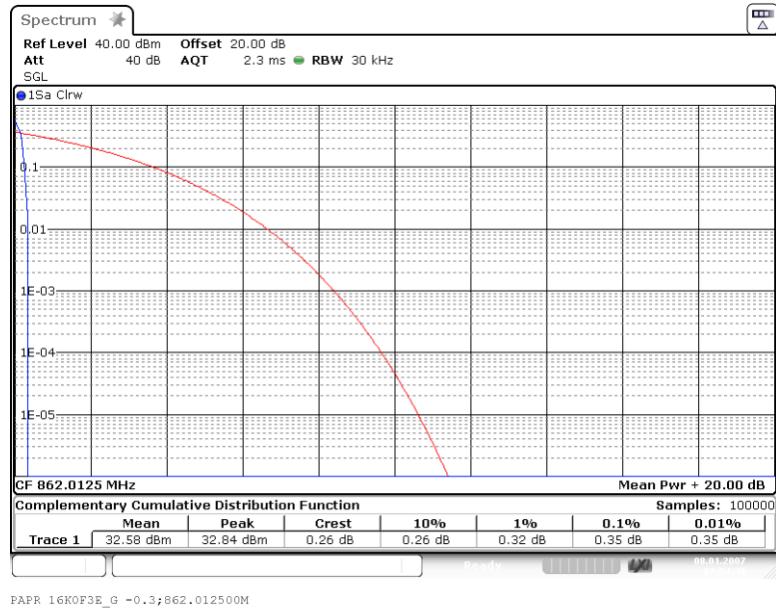
Frequency Band = 862 MHz – 869 MHz, Direction = RF downlink,  
Input Power = 0.3 dB < AGC, Emission Designator = 9K80D7W



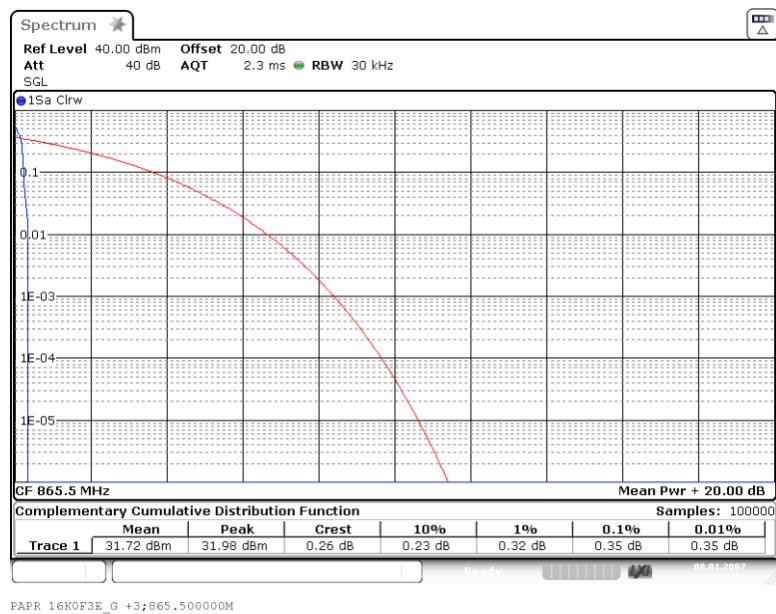
Frequency Band = 862 MHz – 869 MHz, Direction = RF downlink,  
Input Power = 3 dB > AGC Emission Designator = 9K80D7W



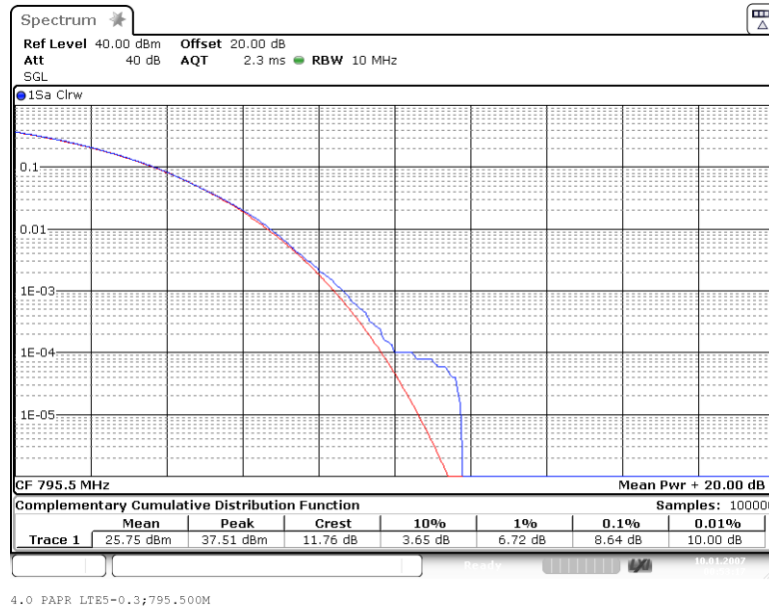
Frequency Band = 862 MHz – 869 MHz, Direction = RF downlink,  
Input Power = 0.3 dB < AGC, Emission Designator = 16K0F3E



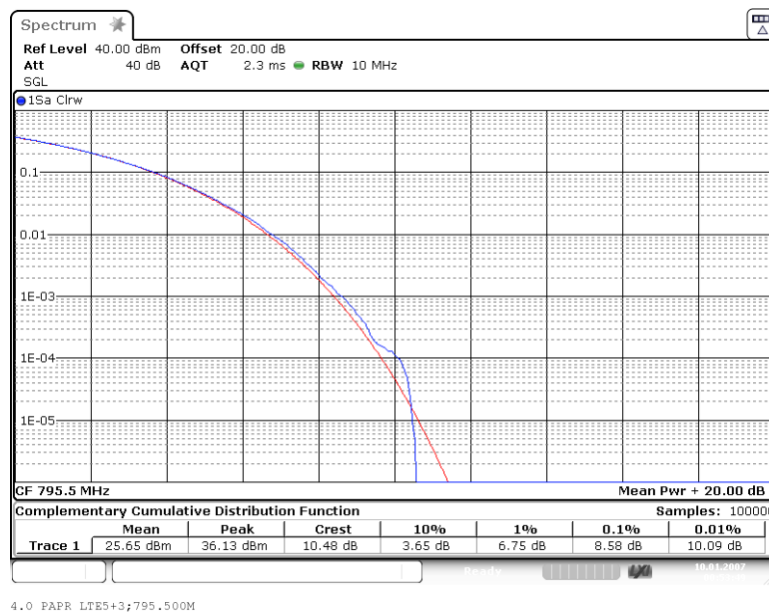
Frequency Band = 862 MHz – 869 MHz, Direction = RF downlink,  
Input Power = 3 dB > AGC Emission Designator = 16K0F3E



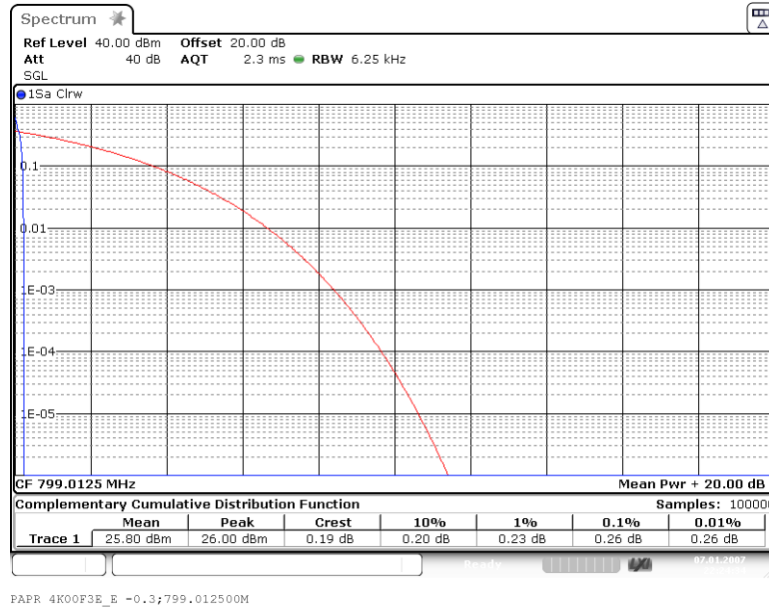
Frequency Band = 788 MHz – 798 MHz, Direction = RF uplink,  
Input Power = 0.3 dB < AGC, Emission Designator = 5M00G7D



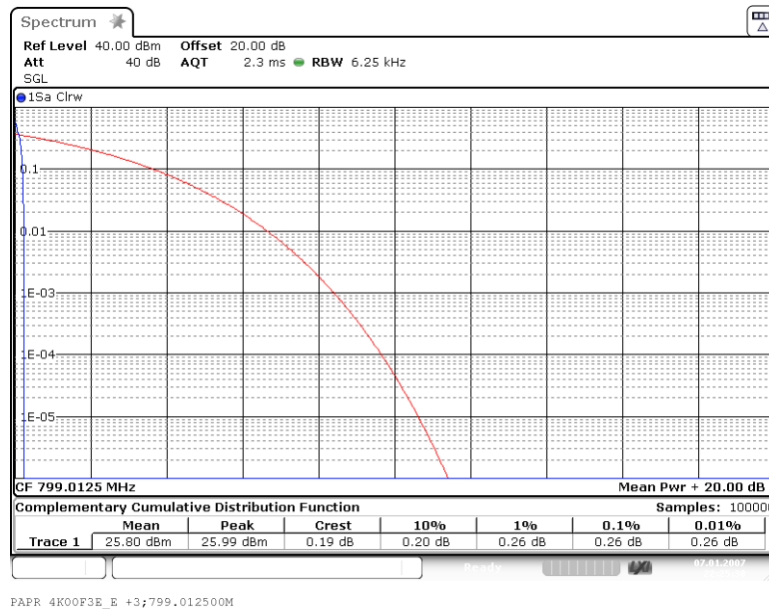
Frequency Band = 788 MHz – 798 MHz, Direction = RF uplink,  
Input Power = 3 dB > AGC Emission Designator = 5M00G7D



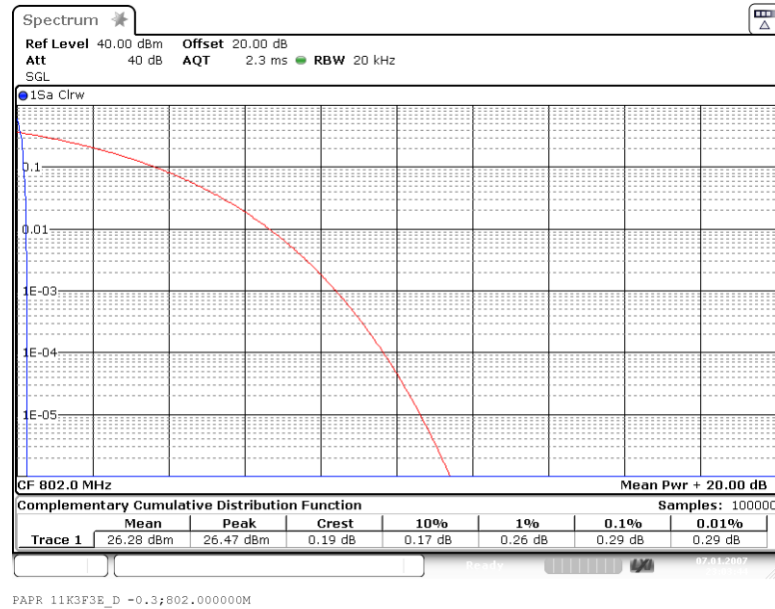
Frequency Band = 799 MHz – 805 MHz, Direction = RF uplink,  
Input Power = 0.3 dB < AGC, Emission Designator = 4K00F3E



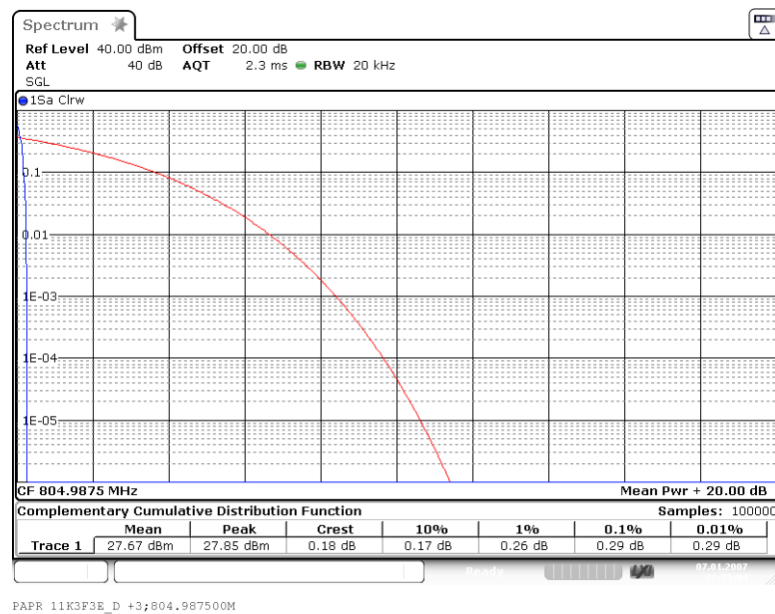
Frequency Band = 799 MHz – 805 MHz, Direction = RF uplink,  
Input Power = 3 dB > AGC Emission Designator = 4K00F3E



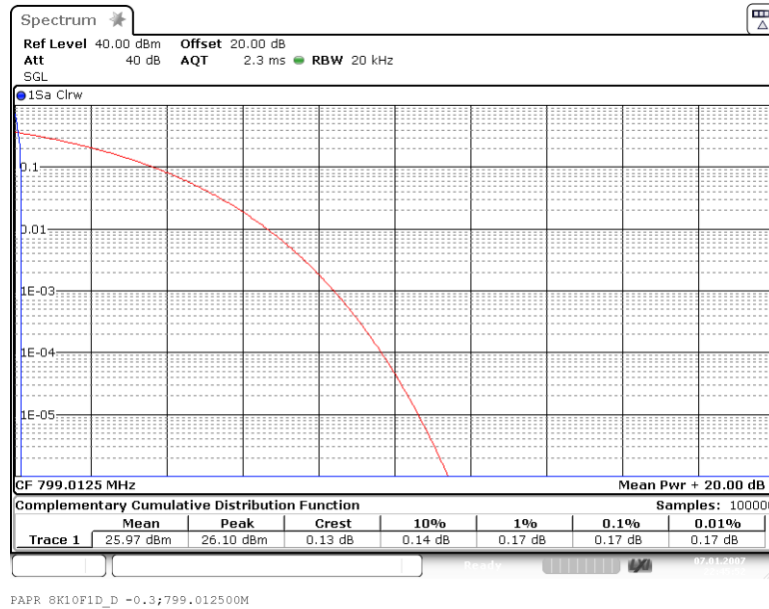
Frequency Band = 799 MHz – 805 MHz, Direction = RF uplink,  
Input Power = 0.3 dB < AGC, Emission Designator = 11K3F3E



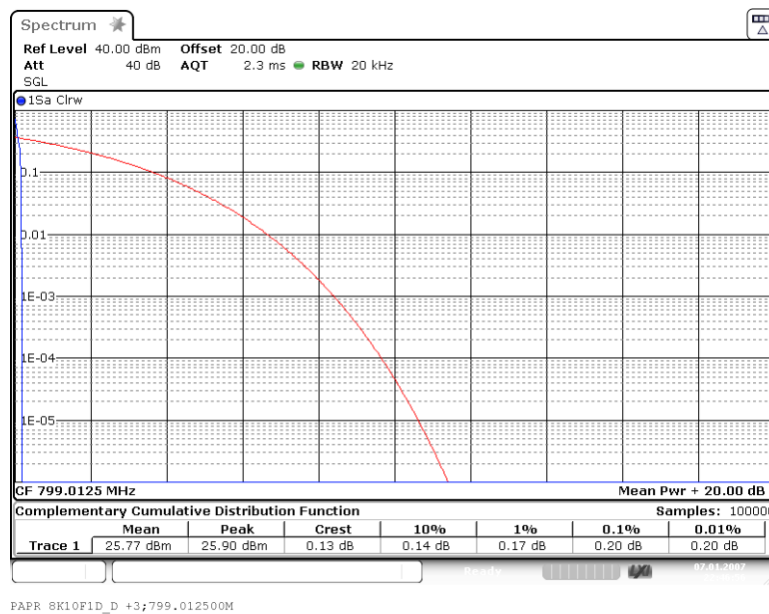
Frequency Band = 799 MHz – 805 MHz, Direction = RF uplink,  
Input Power = 3 dB > AGC Emission Designator = 11K3F3E



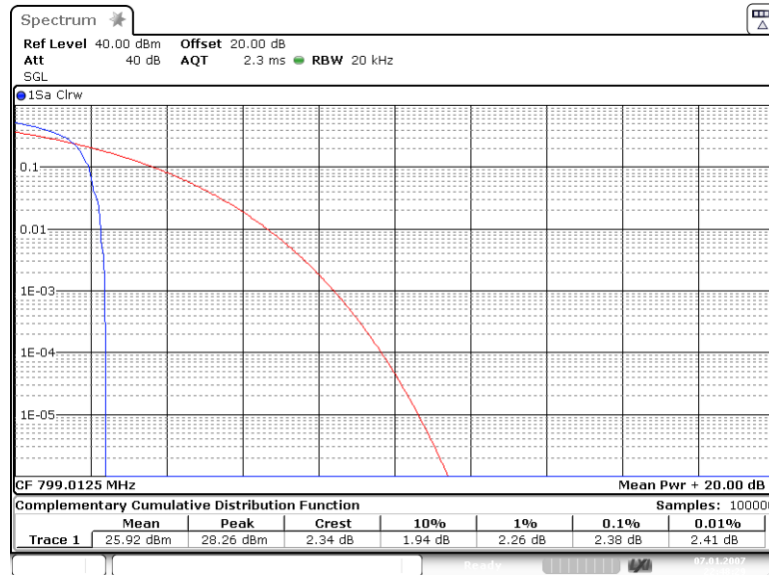
Frequency Band = 799 MHz – 805 MHz, Direction = RF uplink,  
Input Power = 0.3 dB < AGC, Emission Designator = 8K10F1D



Frequency Band = 799 MHz – 805 MHz, Direction = RF uplink,  
Input Power = 3 dB > AGC Emission Designator = 8K10F1D

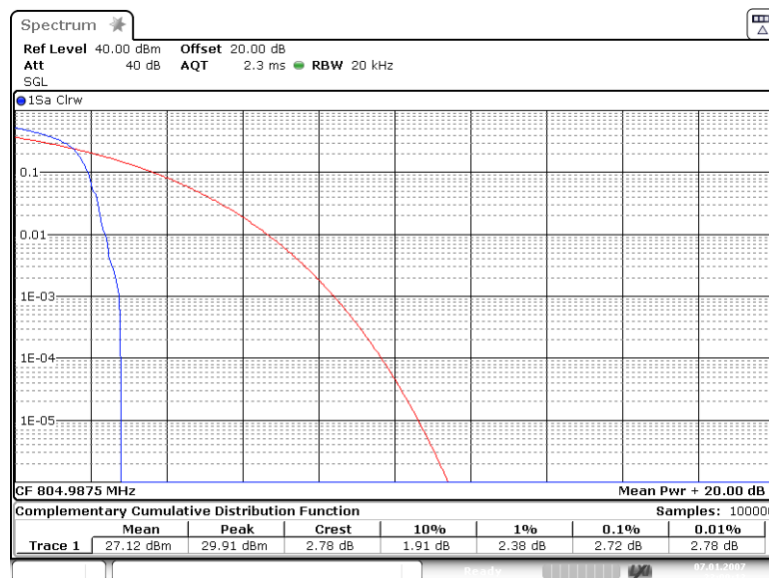


Frequency Band = 799 MHz – 805 MHz, Direction = RF uplink,  
Input Power = 0.3 dB < AGC, Emission Designator = 9K80D7W



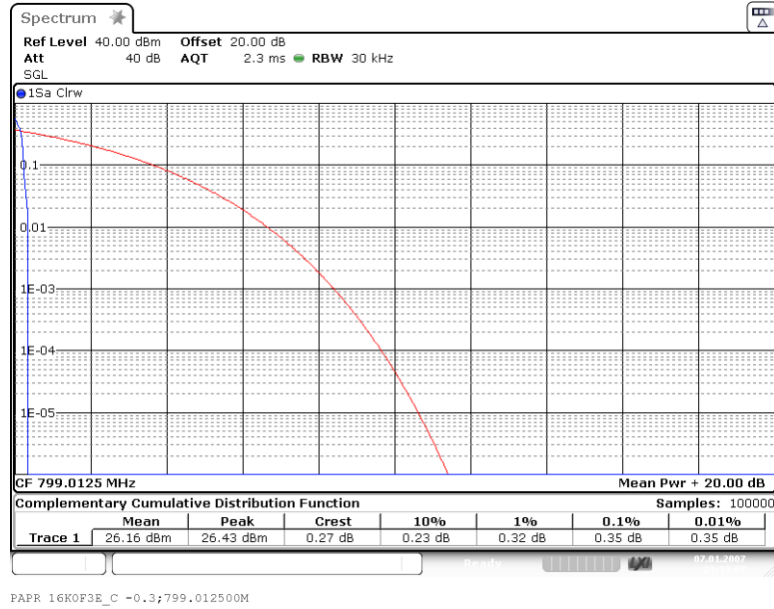
PAPR 9K80D7W\_D -0.3;799.012500M

Frequency Band = 799 MHz – 805 MHz, Direction = RF uplink,  
Input Power = 3 dB > AGC Emission Designator = 9K80D7W

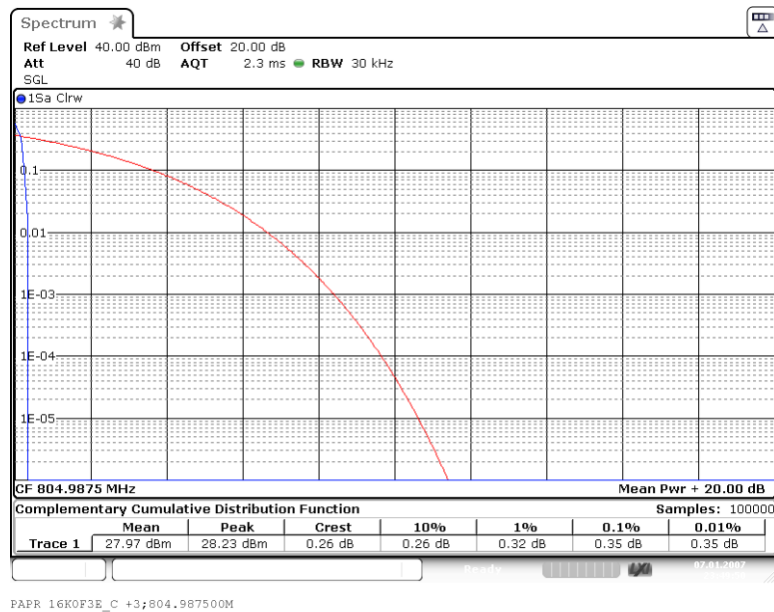


PAPR 9K80D7W\_D +3;804.987500M

Frequency Band = 799 MHz – 805 MHz, Direction = RF uplink,  
Input Power = 0.3 dB < AGC, Emission Designator = 16K0F3E

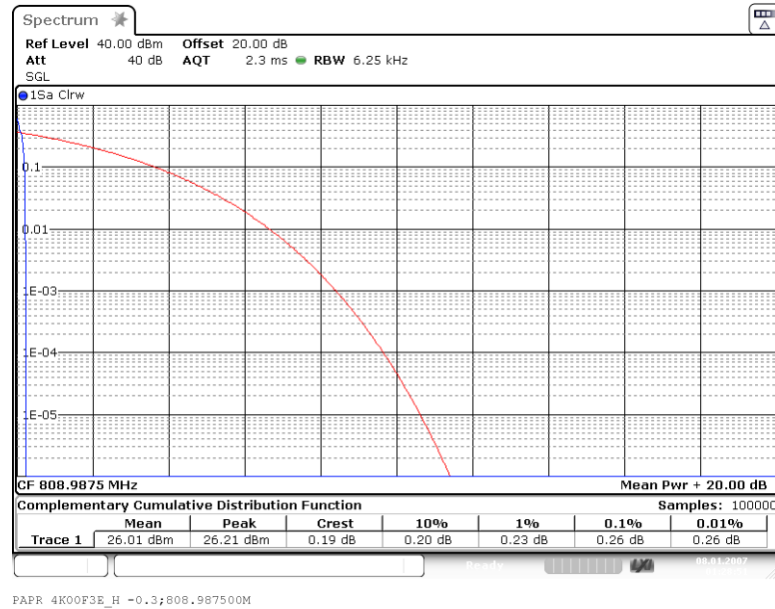


Frequency Band = 799 MHz – 805 MHz, Direction = RF uplink,  
Input Power = 3 dB > AGC Emission Designator = 16K0F3E

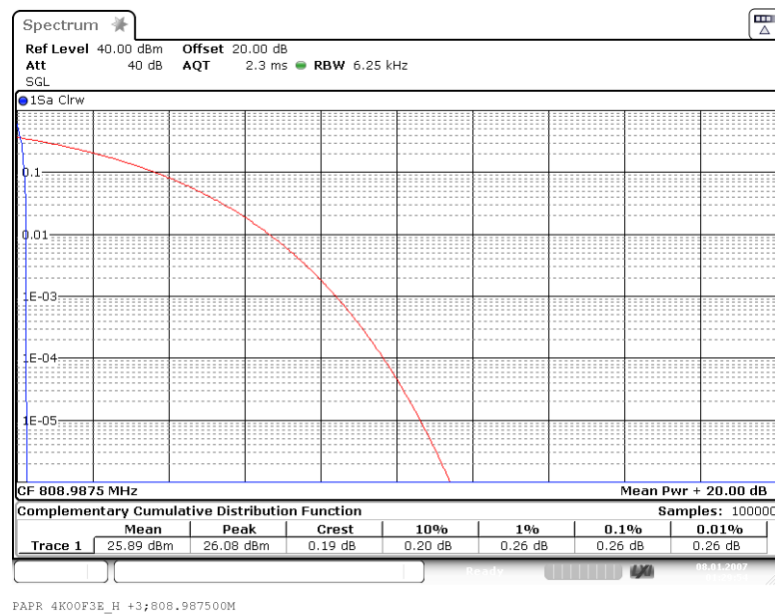




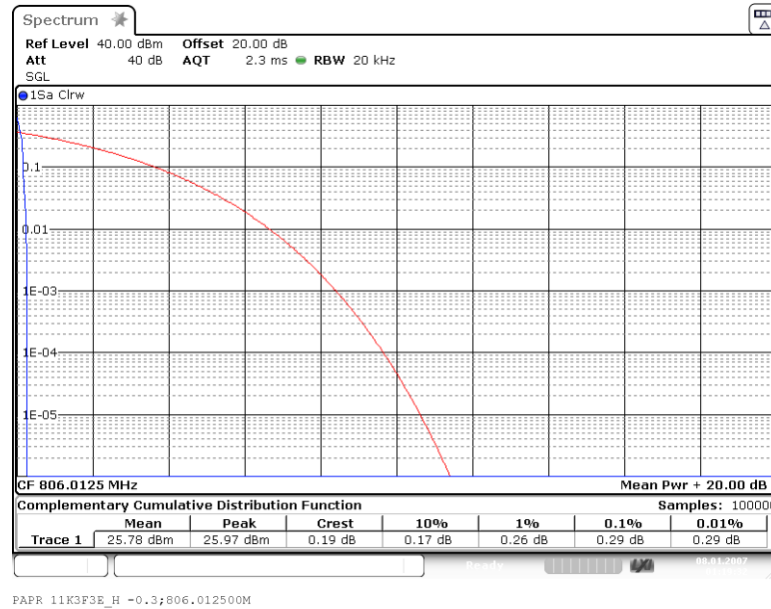
Frequency Band = 806 MHz – 809 MHz, Direction = RF uplink,  
Input Power = 0.3 dB < AGC, Emission Designator = 4K00F3E



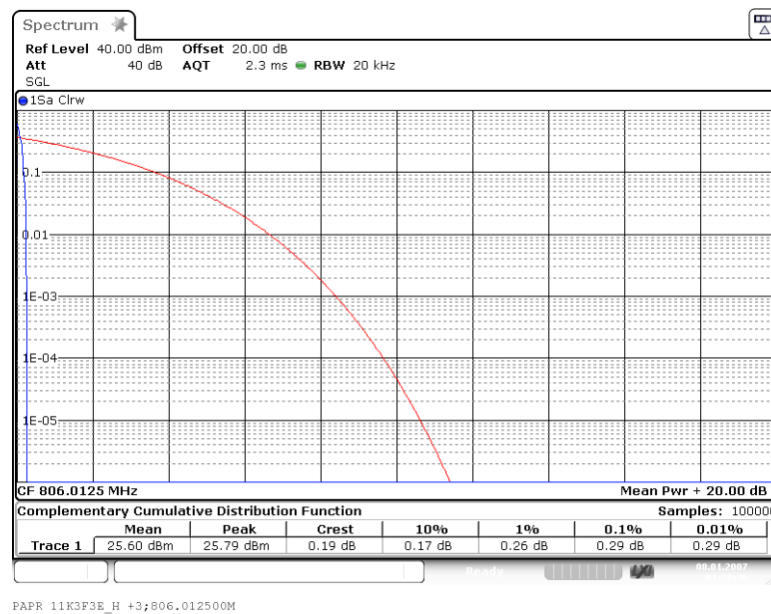
Frequency Band = 806 MHz – 809 MHz, Direction = RF uplink,  
Input Power = 3 dB > AGC Emission Designator = 4K00F3E



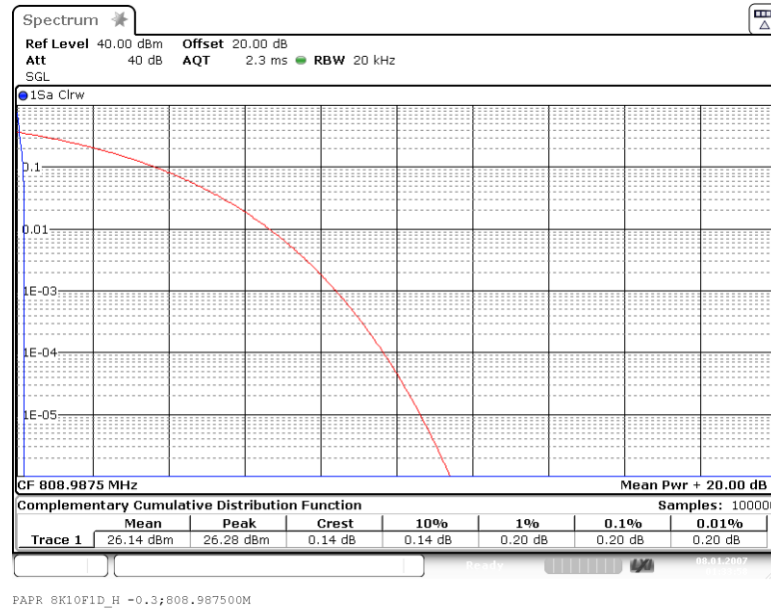
Frequency Band = 806 MHz – 809 MHz, Direction = RF uplink,  
Input Power = 0.3 dB < AGC, Emission Designator = 11K3F3E



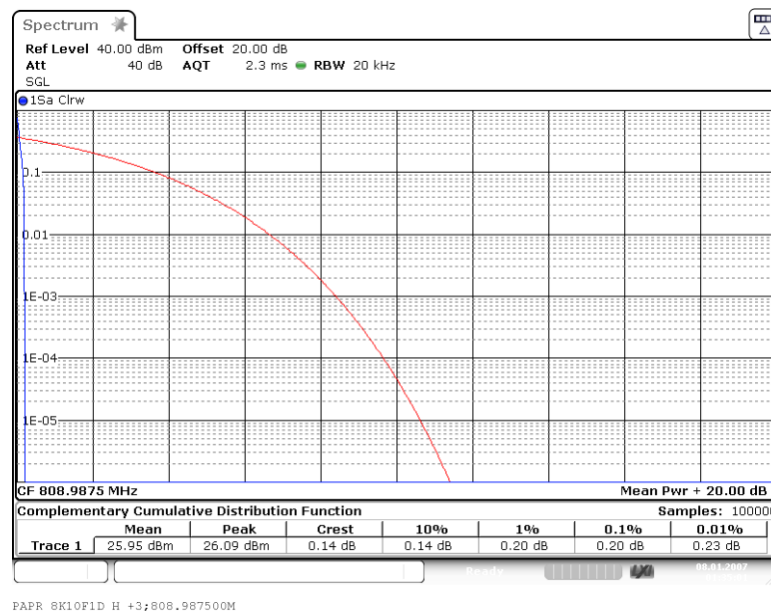
Frequency Band = 806 MHz – 809 MHz, Direction = RF uplink,  
Input Power = 3 dB > AGC Emission Designator = 11K3F3E



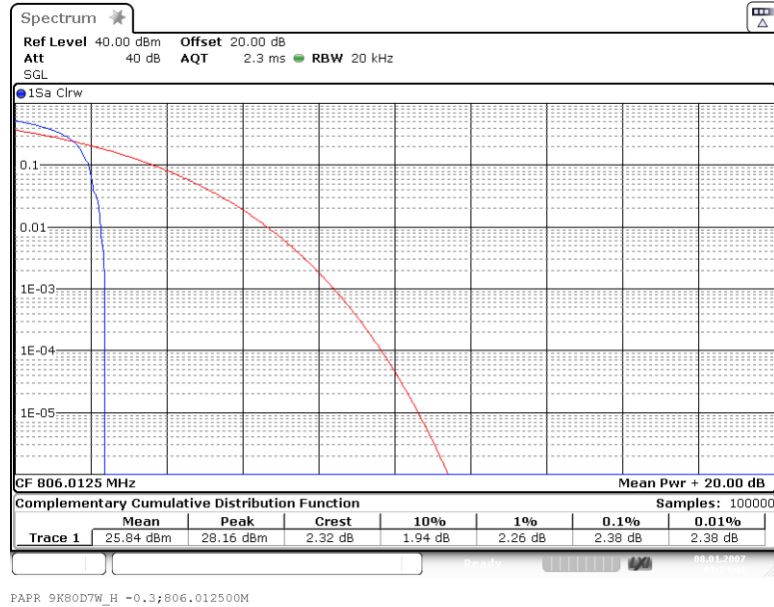
Frequency Band = 806 MHz – 809 MHz, Direction = RF uplink,  
Input Power = 0.3 dB < AGC, Emission Designator = 8K10F1D



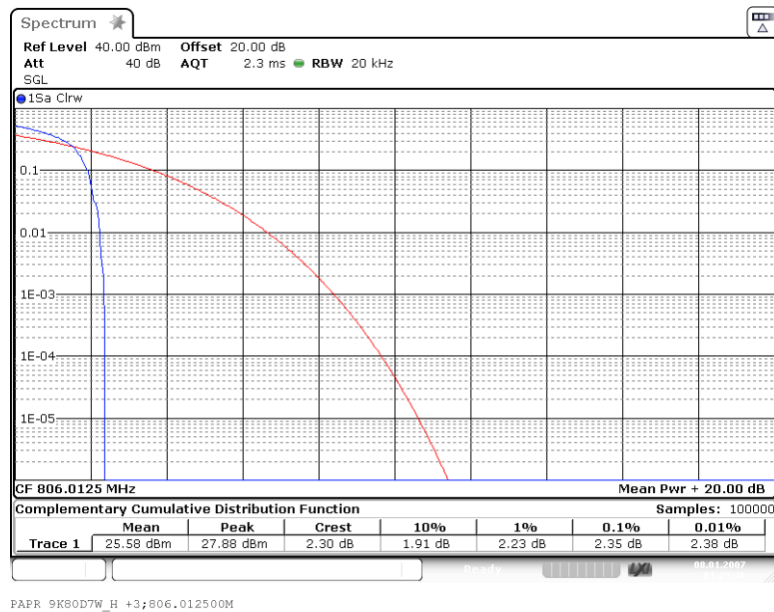
Frequency Band = 806 MHz – 809 MHz, Direction = RF uplink,  
Input Power = 3 dB > AGC Emission Designator = 8K10F1D



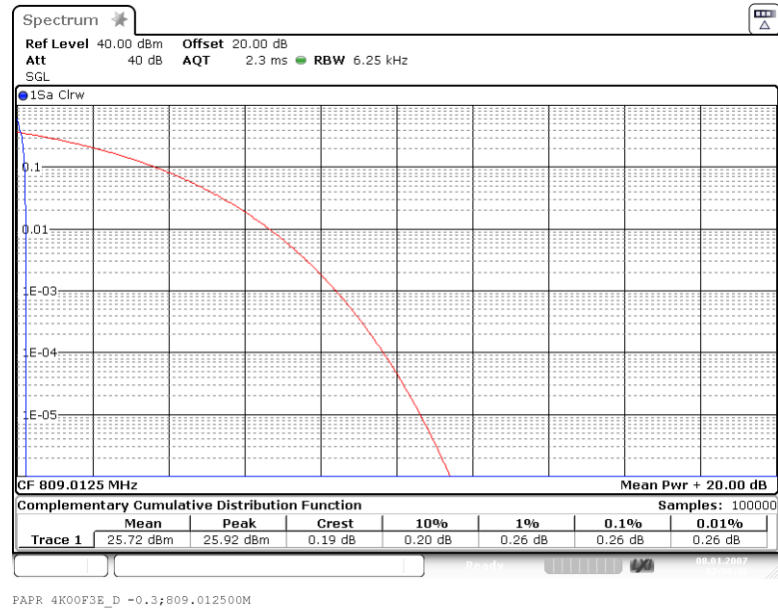
Frequency Band = 806 MHz – 809 MHz, Direction = RF uplink,  
Input Power = 0.3 dB < AGC, Emission Designator = 9K80D7W



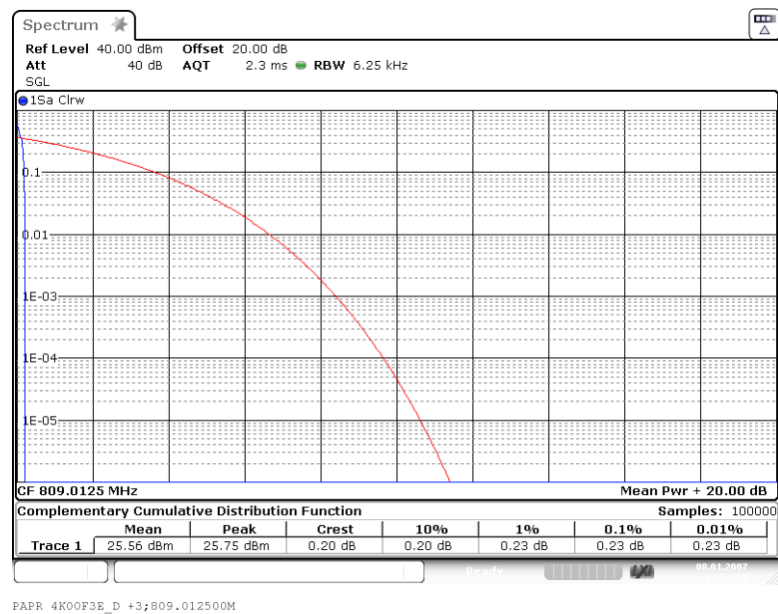
Frequency Band = 806 MHz – 809 MHz, Direction = RF uplink,  
Input Power = 3 dB > AGC Emission Designator = 9K80D7W



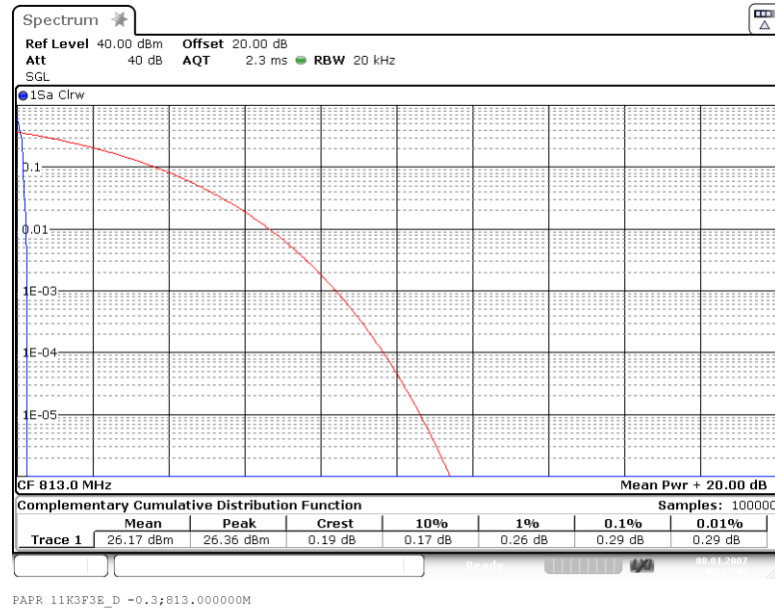
Frequency Band = 809 MHz – 817 MHz, Direction = RF uplink,  
Input Power = 0.3 dB < AGC, Emission Designator = 4K00F3E



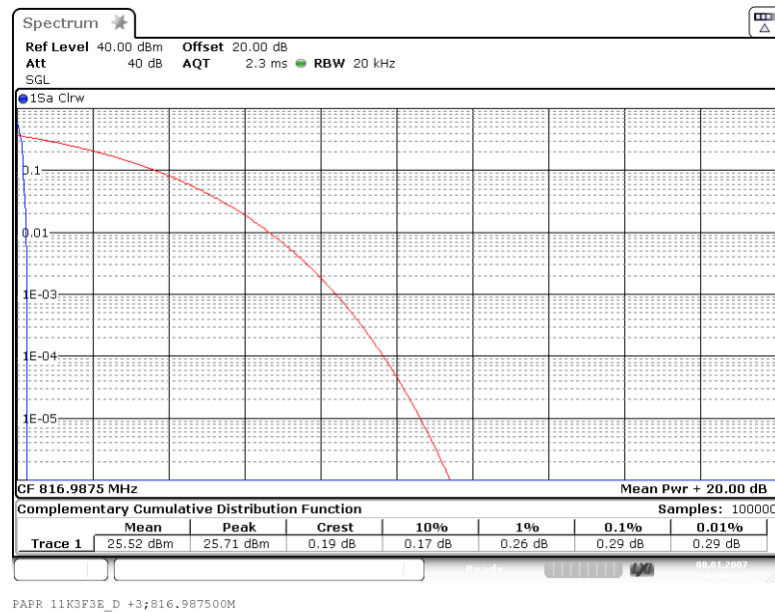
Frequency Band = 809 MHz – 817 MHz, Direction = RF uplink,  
Input Power = 3 dB > AGC Emission Designator = 4K00F3E



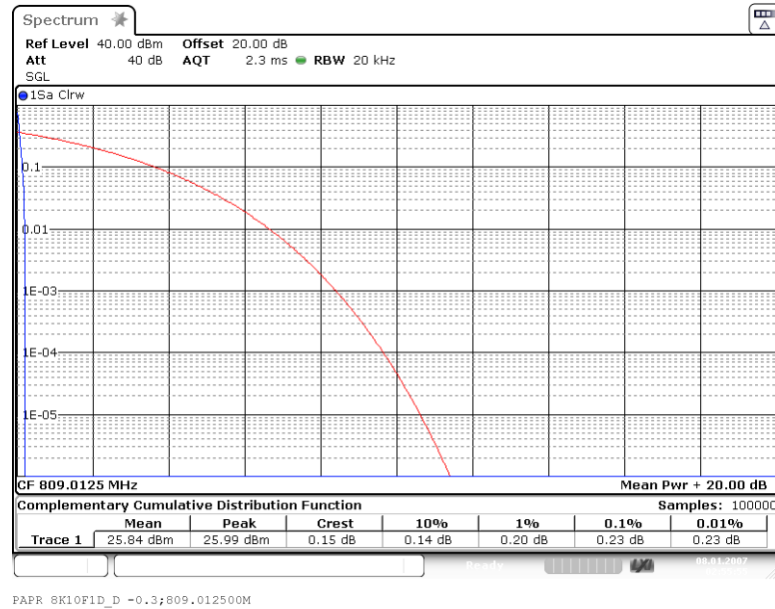
Frequency Band = 809 MHz – 817 MHz, Direction = RF uplink,  
Input Power = 0.3 dB < AGC, Emission Designator = 11K3F3E



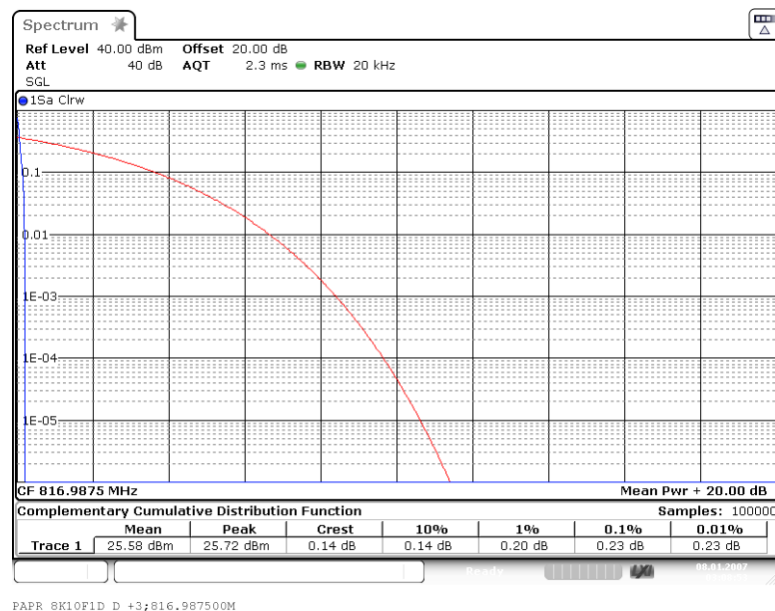
Frequency Band = 809 MHz – 817 MHz, Direction = RF uplink,  
Input Power = 3 dB > AGC Emission Designator = 11K3F3E



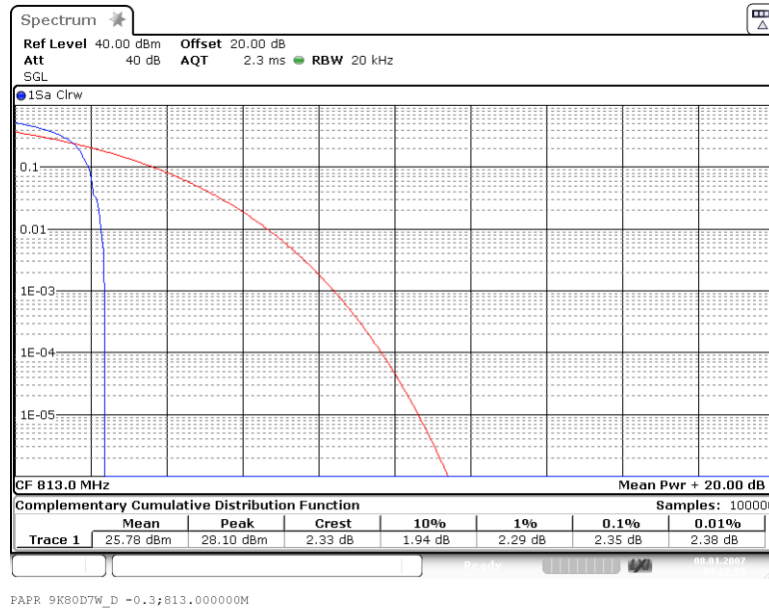
Frequency Band = 809 MHz – 817 MHz, Direction = RF uplink,  
Input Power = 0.3 dB < AGC, Emission Designator = 8K10F1D



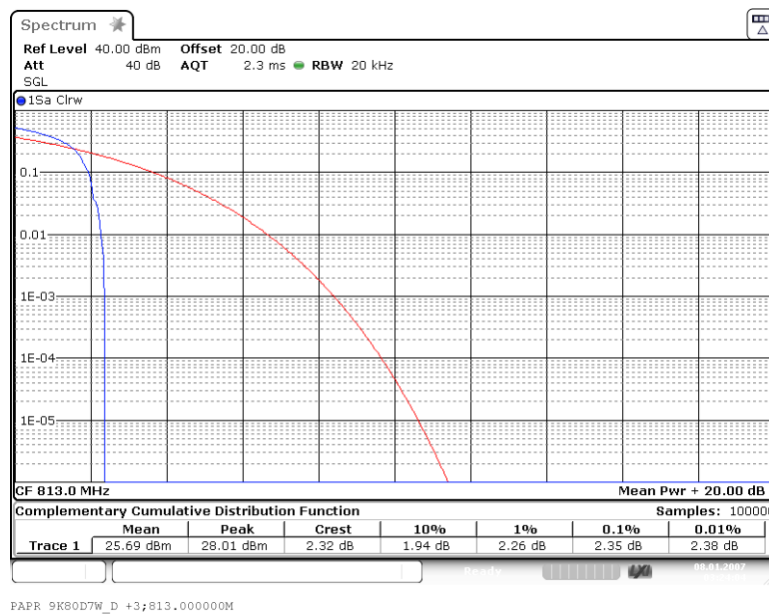
Frequency Band = 809 MHz – 817 MHz, Direction = RF uplink,  
Input Power = 3 dB > AGC Emission Designator = 8K10F1D



Frequency Band = 809 MHz – 817 MHz, Direction = RF uplink,  
Input Power = 0.3 dB < AGC, Emission Designator = 9K80D7W

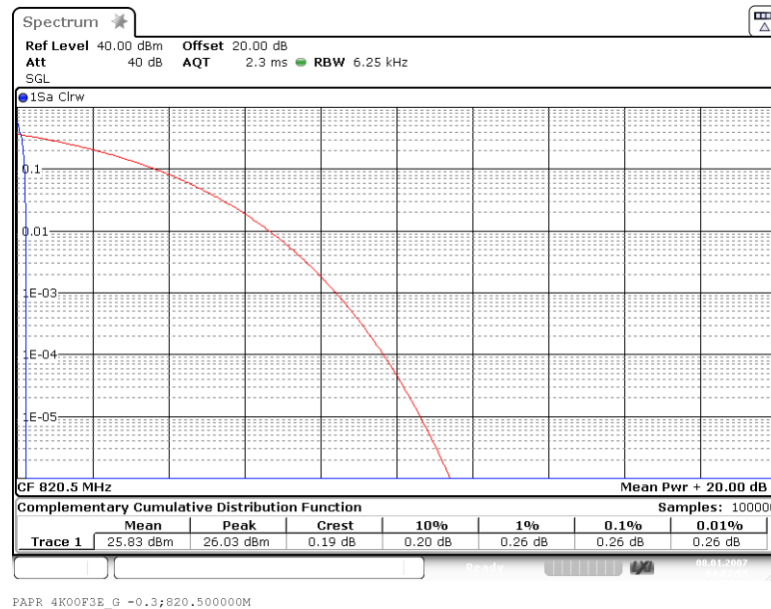


Frequency Band = 809 MHz – 817 MHz, Direction = RF uplink,  
Input Power = 3 dB > AGC Emission Designator = 9K80D7W

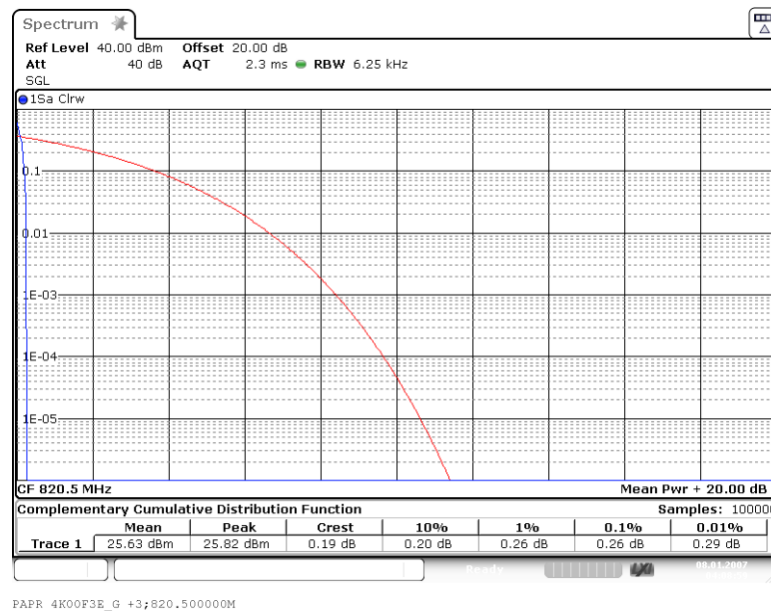




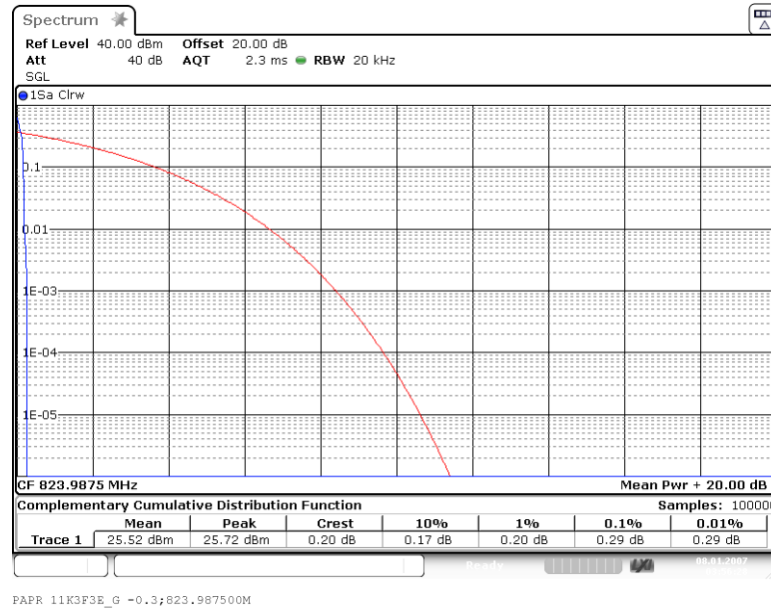
Frequency Band = 817 MHz – 824 MHz, Direction = RF uplink,  
Input Power = 0.3 dB < AGC, Emission Designator = 4K00F3E



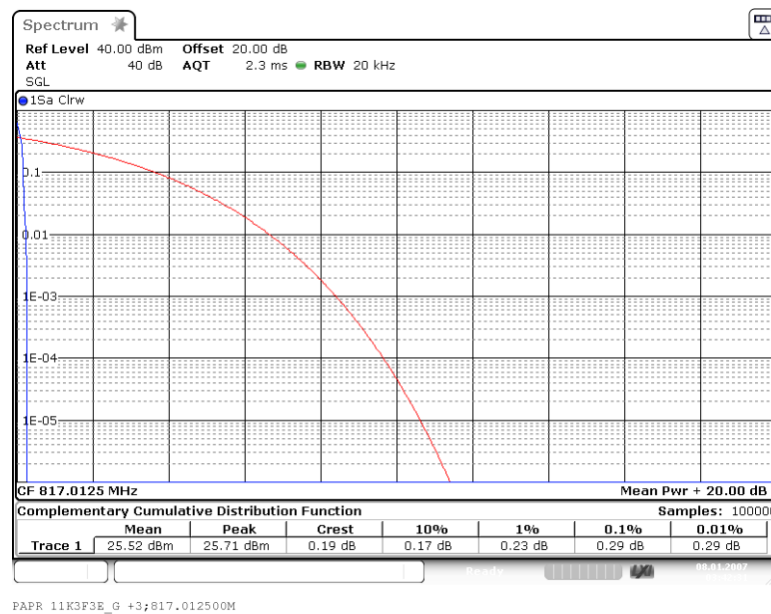
Frequency Band = 817 MHz – 824 MHz, Direction = RF uplink,  
Input Power = 3 dB > AGC Emission Designator = 4K00F3E



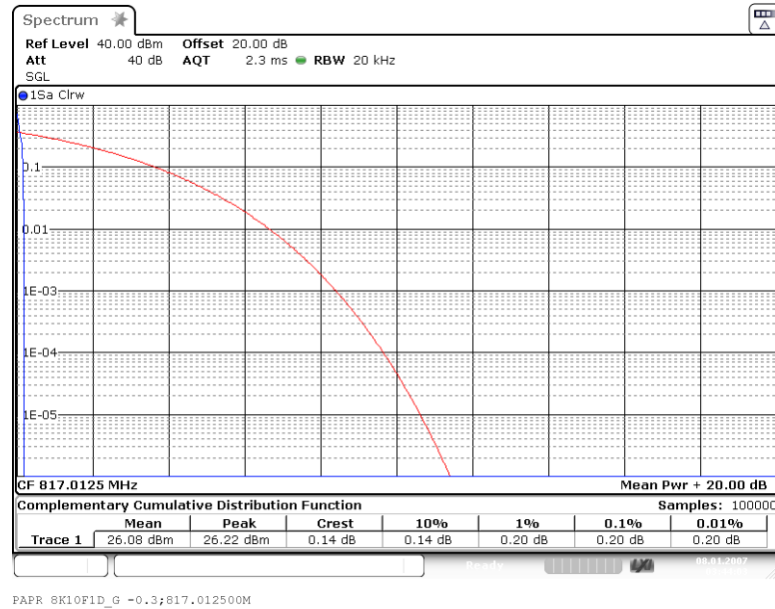
Frequency Band = 817 MHz – 824 MHz, Direction = RF uplink,  
Input Power = 0.3 dB < AGC, Emission Designator = 11K3F3E



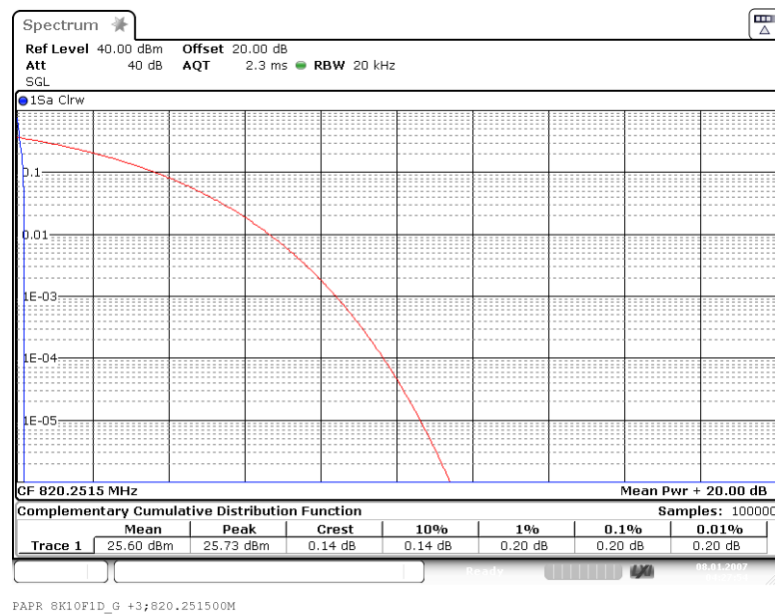
Frequency Band = 817 MHz – 824 MHz, Direction = RF uplink,  
Input Power = 3 dB > AGC Emission Designator = 11K3F3E



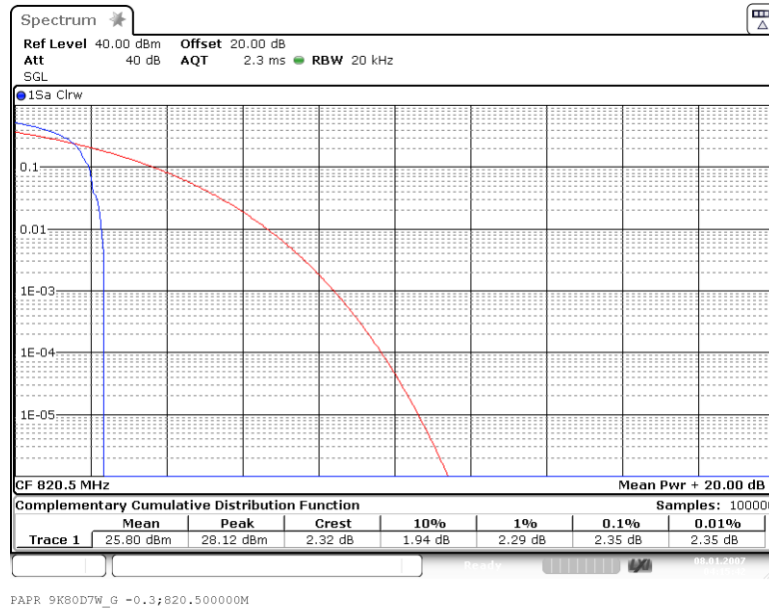
Frequency Band = 817 MHz – 824 MHz, Direction = RF uplink,  
Input Power = 0.3 dB < AGC, Emission Designator = 8K10F1D



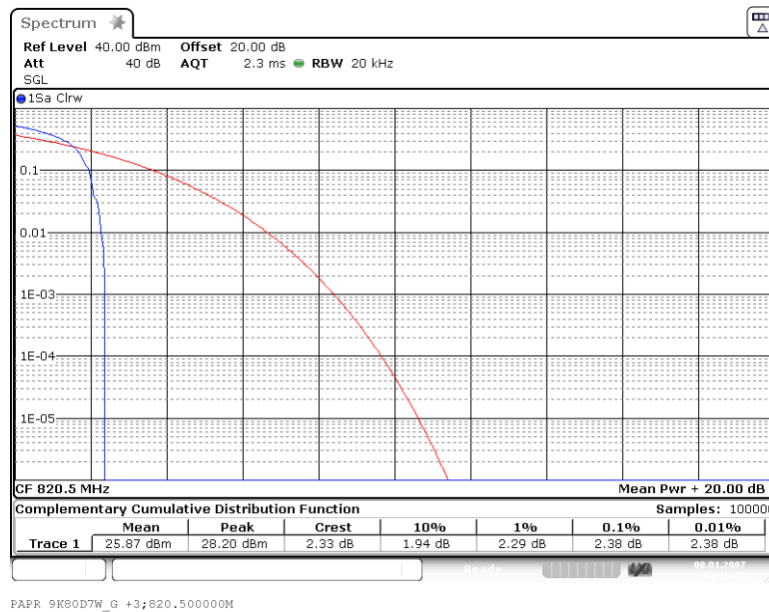
Frequency Band = 817 MHz – 824 MHz, Direction = RF uplink,  
Input Power = 3 dB > AGC Emission Designator = 8K10F1D



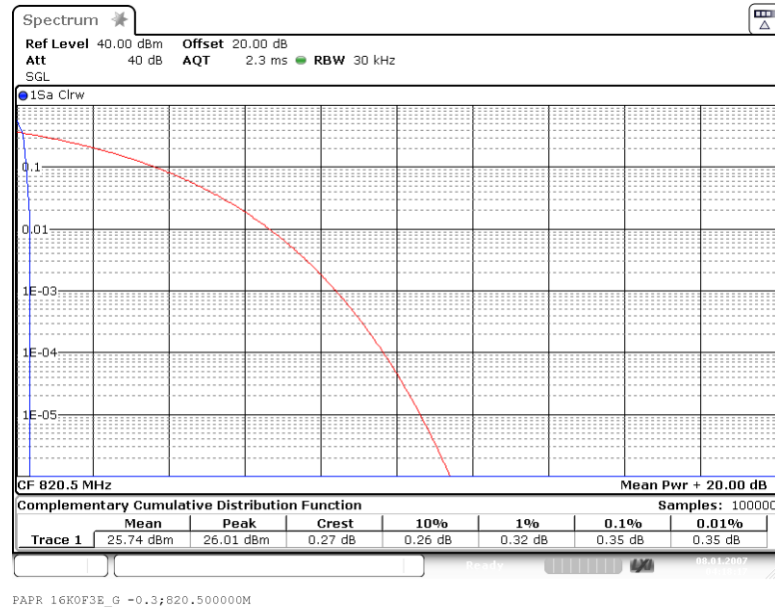
Frequency Band = 817 MHz – 824 MHz, Direction = RF uplink,  
Input Power = 0.3 dB < AGC, Emission Designator = 9K80D7W



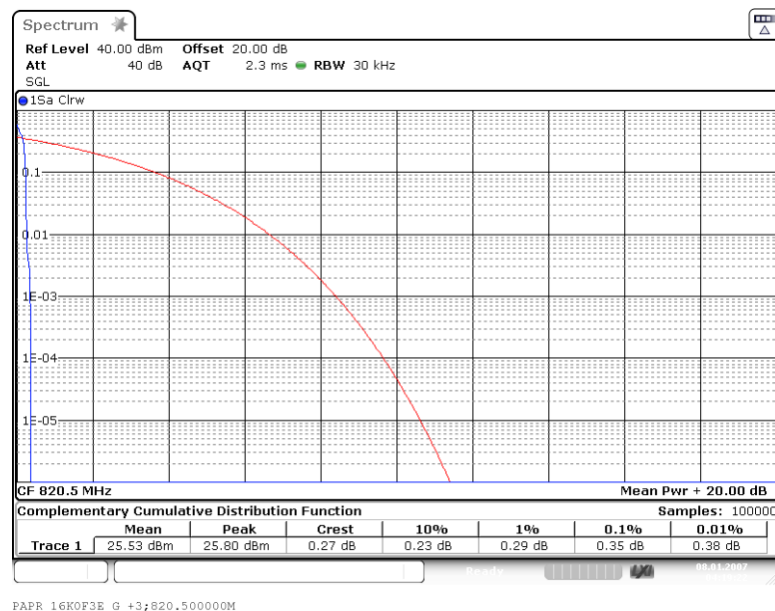
Frequency Band = 817 MHz – 824 MHz, Direction = RF uplink,  
Input Power = 3 dB > AGC Emission Designator = 9K80D7W



Frequency Band = 817 MHz – 824 MHz, Direction = RF uplink,  
Input Power = 0.3 dB < AGC, Emission Designator = 16K0F3E



Frequency Band = 817 MHz – 824 MHz, Direction = RF uplink,  
Input Power = 3 dB > AGC Emission Designator = 16K0F3E



#### 4.2.5 TEST EQUIPMENT USED

- FCC cond. Test Lab, BV Nbg

### 4.3 OCCUPIED BANDWIDTH / INPUT-VERSUS-OUTPUT SPECTRUM

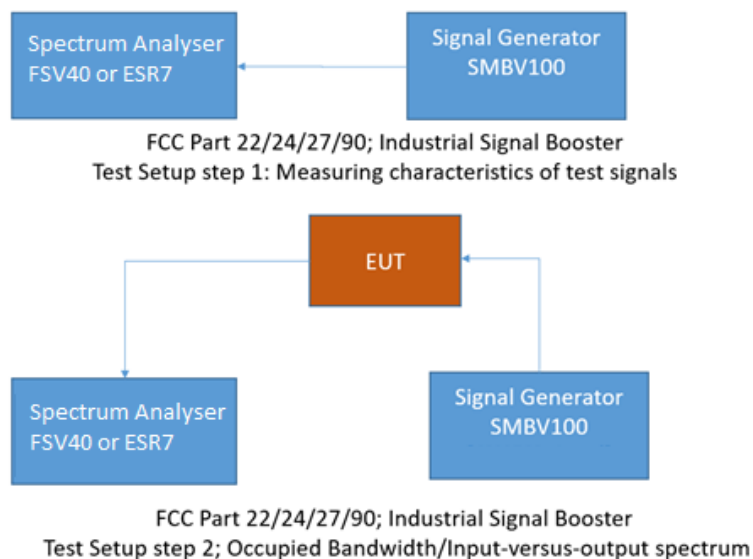
Standard FCC Part 2.1049; FCC Part 90; §90.219

**The test was performed according to:**  
ANSI C63.26, KDB 935210 D05 v01r03: 3.4

#### 4.2.6 TEST DESCRIPTION

This test case is intended to demonstrate compliance to the applicable conducted spurious emission limits per FCC §2.1049, RSS-GEN 6.4 and RSS-131-5.2.2

The EUT was connected to the test setups according to the following diagram:



The attenuation of the measuring and stimulus path are known for each measured frequency and are considered.

The Spectrum Analyser settings can be directly found in the measurement diagrams.

## 4.2.7 TEST REQUIREMENTS / LIMITS

### **FCC Part 2.1049; Occupied Bandwidth:**

The occupied bandwidth, that is the frequency bandwidth such that, below its lower and above its upper frequency limits, the mean powers radiated are each equal to 0.5 percent of the total mean power radiated by a given emission shall be measured under the following conditions as applicable:

(h) Transmitters employing digital modulation techniques—when modulated by an input signal such that its amplitude and symbol rate represent the maximum rated conditions under which the equipment will be operated. The signal shall be applied through any filter networks, pseudo-random generators or other devices required in normal service. Additionally, the occupied bandwidth shall be shown for operation with any devices used for modifying the spectrum when such devices are optional at the discretion of the user.

(i) Transmitters designed for other types of modulation—when modulated by an appropriate signal of sufficient amplitude to be representative of the type of service in which used. A description of the input signal should be supplied.

### **Band 758 MHz – 768 MHz**

#### **FCC Part 90; §90.219(e)(ii)**

There is no change in the occupied bandwidth of the signal.

#### 4.2.8 TEST PROTOCOL

| <b>Band 758 MHz – 768 MHz, downlink</b> |                    |                               |                                    |   |                                       |   |                              |
|---|--------------------|-------------------------------|------------------------------------|---|---------------------------------------|---|------------------------------|
| <b>Emission Designator</b>              | <b>Input Power</b> | <b>Signal Frequency [MHz]</b> | <b>Occupied Bandwidth SG [MHz]</b> | <b>Occupied Bandwidth Booster [MHz]</b> | <b>Delta Occupied Bandwidth [MHz]</b> | <b>Limit Delta Occupied Bandwidth [MHz]</b> | <b>Margin to Limit [MHz]</b> |
| 5M00G7D at f <sub>m</sub>               | 0.3 dB < AGC       | 763.0000                      | 4.592                              | 4.506                                   | 0.086                                 | 0.250                                       | 0.164                        |
| 5M00G7D at f <sub>m</sub>               | 3 dB > AGC         | 763.0000                      | 4.543                              | 4.507                                   | 0.036                                 | 0.250                                       | 0.214                        |

| <b>Band 769 MHz – 775 MHz, downlink</b> |                    |                               |                                    |   |                                       |   |                              |
|---|--------------------|-------------------------------|------------------------------------|---|---------------------------------------|---|------------------------------|
| <b>Emission Designator</b>              | <b>Input Power</b> | <b>Signal Frequency [MHz]</b> | <b>Occupied Bandwidth SG [kHz]</b> | <b>Occupied Bandwidth Booster [kHz]</b> | <b>Delta Occupied Bandwidth [kHz]</b> | <b>Limit Delta Occupied Bandwidth [kHz]</b> | <b>Margin to Limit [kHz]</b> |
| 4K00F3E at f <sub>m</sub>               | 0.3 dB < AGC       | 772.0000                      | 4.050                              | 4.040                                   | 0.010                                 | 0.200                                       | 0.190                        |
| 4K00F3E at f <sub>m</sub>               | 3 dB > AGC         | 772.0000                      | 4.040                              | 4.040                                   | 0.000                                 | 0.200                                       | 0.200                        |
| 11K3F3E at f <sub>m</sub>               | 0.3 dB < AGC       | 772.0000                      | 10.789                             | 10.759                                  | 0.030                                 | 0.565                                       | 0.535                        |
| 11K3F3E at f <sub>m</sub>               | 3 dB > AGC         | 772.0000                      | 10.769                             | 10.759                                  | 0.010                                 | 0.565                                       | 0.555                        |
| 8K10F1D at f <sub>m</sub>               | 0.3 dB < AGC       | 772.0000                      | 8.119                              | 8.049                                   | 0.070                                 | 0.405                                       | 0.335                        |
| 8K10F1D at f <sub>m</sub>               | 3 dB > AGC         | 772.0000                      | 8.079                              | 8.049                                   | 0.030                                 | 0.405                                       | 0.375                        |
| 9K80D7W at f <sub>m</sub>               | 0.3 dB < AGC       | 772.0000                      | 9.859                              | 9.799                                   | 0.060                                 | 0.490                                       | 0.430                        |
| 9K80D7W at f <sub>m</sub>               | 3 dB > AGC         | 772.0000                      | 9.829                              | 9.799                                   | 0.030                                 | 0.490                                       | 0.460                        |
| 16K0F3E at f <sub>m</sub>               | 0.3 dB < AGC       | 772.0000                      | 16.008                             | 15.898                                  | 0.110                                 | 0.800                                       | 0.690                        |
| 16K0F3E at f <sub>m</sub>               | 3 dB > AGC         | 772.0000                      | 15.958                             | 15.898                                  | 0.060                                 | 0.800                                       | 0.740                        |



| <b>Band 851 MHz – 854 MHz, downlink</b> |                    |                               |                                    |   |                                       |   |                              |
|---|--------------------|-------------------------------|------------------------------------|---|---------------------------------------|---|------------------------------|
| <b>Emission Designator</b>              | <b>Input Power</b> | <b>Signal Frequency [MHz]</b> | <b>Occupied Bandwidth SG [kHz]</b> | <b>Occupied Bandwidth Booster [kHz]</b> | <b>Delta Occupied Bandwidth [kHz]</b> | <b>Limit Delta Occupied Bandwidth [kHz]</b> | <b>Margin to Limit [kHz]</b> |
| 4K00F3E at $f_m$                        | 0.3 dB < AGC       | 852.5000                      | 4.060                              | 4.040                                   | 0.020                                 | 0.200                                       | 0.180                        |
| 4K00F3E at $f_m$                        | 3 dB > AGC         | 852.5000                      | 4.040                              | 4.040                                   | 0.000                                 | 0.200                                       | 0.200                        |
|   |                    |                               |                                    |   |                                       |   |                              |
| 11K3F3E at $f_m$                        | 0.3 dB < AGC       | 852.5000                      | 10.779                             | 10.759                                  | 0.020                                 | 0.565                                       | 0.545                        |
| 11K3F3E at $f_m$                        | 3 dB > AGC         | 852.5000                      | 10.769                             | 10.759                                  | 0.010                                 | 0.565                                       | 0.555                        |
|   |                    |                               |                                    |   |                                       |   |                              |
| 8K10F1D at $f_m$                        | 0.3 dB < AGC       | 852.5000                      | 8.119                              | 8.049                                   | 0.070                                 | 0.405                                       | 0.335                        |
| 8K10F1D at $f_m$                        | 3 dB > AGC         | 852.5000                      | 8.079                              | 8.049                                   | 0.030                                 | 0.405                                       | 0.375                        |
|   |                    |                               |                                    |   |                                       |   |                              |
| 9K80D7W at $f_m$                        | 0.3 dB < AGC       | 852.5000                      | 9.839                              | 9.809                                   | 0.030                                 | 0.490                                       | 0.460                        |
| 9K80D7W at $f_m$                        | 3 dB > AGC         | 852.5000                      | 9.809                              | 9.819                                   | 0.010                                 | 0.490                                       | 0.480                        |

| <b>Band 854 MHz – 862 MHz, downlink</b> |                    |                               |                                    |   |                                       |   |                              |
|---|--------------------|-------------------------------|------------------------------------|---|---------------------------------------|---|------------------------------|
| <b>Emission Designator</b>              | <b>Input Power</b> | <b>Signal Frequency [MHz]</b> | <b>Occupied Bandwidth SG [kHz]</b> | <b>Occupied Bandwidth Booster [kHz]</b> | <b>Delta Occupied Bandwidth [kHz]</b> | <b>Limit Delta Occupied Bandwidth [kHz]</b> | <b>Margin to Limit [kHz]</b> |
| 4K00F3E at $f_m$                        | 0.3 dB < AGC       | 858.0000                      | 4.050                              | 4.040                                   | 0.010                                 | 0.200                                       | 0.190                        |
| 4K00F3E at $f_m$                        | 3 dB > AGC         | 858.0000                      | 4.040                              | 4.040                                   | 0.000                                 | 0.200                                       | 0.200                        |
|   |                    |                               |                                    |   |                                       |   |                              |
| 11K3F3E at $f_m$                        | 0.3 dB < AGC       | 858.0000                      | 10.779                             | 10.759                                  | 0.020                                 | 0.565                                       | 0.545                        |
| 11K3F3E at $f_m$                        | 3 dB > AGC         | 858.0000                      | 10.769                             | 10.759                                  | 0.010                                 | 0.565                                       | 0.555                        |
|   |                    |                               |                                    |   |                                       |   |                              |
| 8K10F1D at $f_m$                        | 0.3 dB < AGC       | 858.0000                      | 8.099                              | 8.049                                   | 0.050                                 | 0.405                                       | 0.355                        |
| 8K10F1D at $f_m$                        | 3 dB > AGC         | 858.0000                      | 8.079                              | 8.049                                   | 0.030                                 | 0.405                                       | 0.375                        |
|   |                    |                               |                                    |   |                                       |   |                              |
| 9K80D7W at $f_m$                        | 0.3 dB < AGC       | 858.0000                      | 9.849                              | 9.809                                   | 0.040                                 | 0.490                                       | 0.450                        |
| 9K80D7W at $f_m$                        | 3 dB > AGC         | 858.0000                      | 9.829                              | 9.809                                   | 0.020                                 | 0.490                                       | 0.470                        |

| <b>Band 862 MHz – 869 MHz, downlink</b> |                    |                               |                                    |   |                                       |   |                              |
|---|--------------------|-------------------------------|------------------------------------|---|---------------------------------------|---|------------------------------|
| <b>Emission Designator</b>              | <b>Input Power</b> | <b>Signal Frequency [MHz]</b> | <b>Occupied Bandwidth SG [kHz]</b> | <b>Occupied Bandwidth Booster [kHz]</b> | <b>Delta Occupied Bandwidth [kHz]</b> | <b>Limit Delta Occupied Bandwidth [kHz]</b> | <b>Margin to Limit [kHz]</b> |
| 4K00F3E at $f_m$                        | 0.3 dB < AGC       | 865.5000                      | 4.050                              | 4.040                                   | 0.010                                 | 0.200                                       | 0.190                        |
| 4K00F3E at $f_m$                        | 3 dB > AGC         | 865.5000                      | 4.040                              | 4.040                                   | 0.000                                 | 0.200                                       | 0.200                        |
|   |                    |                               |                                    |   |                                       |   |                              |
| 11K3F3E at $f_m$                        | 0.3 dB < AGC       | 865.5000                      | 10.779                             | 10.759                                  | 0.020                                 | 0.565                                       | 0.545                        |
| 11K3F3E at $f_m$                        | 3 dB > AGC         | 865.5000                      | 10.769                             | 10.759                                  | 0.010                                 | 0.565                                       | 0.555                        |
|   |                    |                               |                                    |   |                                       |   |                              |
| 8K10F1D at $f_m$                        | 0.3 dB < AGC       | 865.5000                      | 8.099                              | 8.069                                   | 0.030                                 | 0.405                                       | 0.375                        |
| 8K10F1D at $f_m$                        | 3 dB > AGC         | 865.5000                      | 8.079                              | 8.069                                   | 0.010                                 | 0.405                                       | 0.395                        |
|   |                    |                               |                                    |   |                                       |   |                              |
| 9K80D7W at $f_m$                        | 0.3 dB < AGC       | 865.5000                      | 9.849                              | 9.809                                   | 0.040                                 | 0.490                                       | 0.450                        |
| 9K80D7W at $f_m$                        | 3 dB > AGC         | 865.5000                      | 9.819                              | 9.819                                   | 0.000                                 | 0.490                                       | 0.490                        |
|   |                    |                               |                                    |   |                                       |   |                              |
| 16K0F3E at $f_m$                        | 0.3 dB < AGC       | 865.5000                      | 15.998                             | 15.908                                  | 0.090                                 | 0.800                                       | 0.710                        |
| 16K0F3E at $f_m$                        | 3 dB > AGC         | 865.5000                      | 15.958                             | 15.908                                  | 0.050                                 | 0.800                                       | 0.750                        |

| <b>Band 788 MHz – 798 MHz, uplink</b> |                    |                               |                                    |   |                                       |   |                              |
|---------------------------------------|--------------------|-------------------------------|------------------------------------|---|---------------------------------------|---|------------------------------|
| <b>Emission Designator</b>            | <b>Input Power</b> | <b>Signal Frequency [MHz]</b> | <b>Occupied Bandwidth SG [MHz]</b> | <b>Occupied Bandwidth Booster [MHz]</b> | <b>Delta Occupied Bandwidth [MHz]</b> | <b>Limit Delta Occupied Bandwidth [MHz]</b> | <b>Margin to Limit [MHz]</b> |
| 5M00G7D at $f_m$                      | 0.3 dB < AGC       | 793.0000                      | 4.527                              | 4.516                                   | 0.013                                 | 0.250                                       | 0.237                        |
| 5M00G7D at $f_m$                      | 3 dB > AGC         | 793.0000                      | 4.520                              | 4.515                                   | 0.005                                 | 0.250                                       | 0.245                        |

| <b>Band 799 MHz – 805 MHz, uplink</b> |                    |                               |                                    |   |                                       |   |                              |
|---------------------------------------|--------------------|-------------------------------|------------------------------------|---|---------------------------------------|---|------------------------------|
| <b>Emission Designator</b>            | <b>Input Power</b> | <b>Signal Frequency [MHz]</b> | <b>Occupied Bandwidth SG [kHz]</b> | <b>Occupied Bandwidth Booster [kHz]</b> | <b>Delta Occupied Bandwidth [kHz]</b> | <b>Limit Delta Occupied Bandwidth [kHz]</b> | <b>Margin to Limit [kHz]</b> |
| 4K00F3E at $f_m$                      | 0.3 dB < AGC       | 802.0000                      | 4.120                              | 4.040                                   | 0.080                                 | 0.200                                       | 0.120                        |
| 4K00F3E at $f_m$                      | 3 dB > AGC         | 802.0000                      | 4.070                              | 4.040                                   | 0.030                                 | 0.200                                       | 0.170                        |
|                                       |                    |                               |                                    |   |                                       |   |                              |
| 11K3F3E at $f_m$                      | 0.3 dB < AGC       | 802.0000                      | 10.869                             | 10.759                                  | 0.110                                 | 0.565                                       | 0.455                        |
| 11K3F3E at $f_m$                      | 3 dB > AGC         | 802.0000                      | 10.809                             | 10.759                                  | 0.050                                 | 0.565                                       | 0.515                        |
|                                       |                    |                               |                                    |   |                                       |   |                              |
| 8K10F1D at $f_m$                      | 0.3 dB < AGC       | 802.0000                      | 8.159                              | 8.049                                   | 0.110                                 | 0.405                                       | 0.295                        |
| 8K10F1D at $f_m$                      | 3 dB > AGC         | 802.0000                      | 8.149                              | 8.049                                   | 0.100                                 | 0.405                                       | 0.305                        |
|                                       |                    |                               |                                    |   |                                       |   |                              |
| 9K80D7W at $f_m$                      | 0.3 dB < AGC       | 802.0000                      | 9.999                              | 9.809                                   | 0.190                                 | 0.490                                       | 0.300                        |
| 9K80D7W at $f_m$                      | 3 dB > AGC         | 802.0000                      | 9.879                              | 9.789                                   | 0.090                                 | 0.490                                       | 0.400                        |
|                                       |                    |                               |                                    |   |                                       |   |                              |
| 16K0F3E at $f_m$                      | 0.3 dB < AGC       | 802.0000                      | 16.318                             | 15.898                                  | 0.420                                 | 0.800                                       | 0.380                        |
| 16K0F3E at $f_m$                      | 3 dB > AGC         | 802.0000                      | 16.088                             | 15.898                                  | 0.190                                 | 0.800                                       | 0.610                        |

| <b>Band 806 MHz – 809 MHz, uplink</b> |                    |                               |                                    |   |                                       |   |                              |
|---------------------------------------|--------------------|-------------------------------|------------------------------------|---|---------------------------------------|---|------------------------------|
| <b>Emission Designator</b>            | <b>Input Power</b> | <b>Signal Frequency [MHz]</b> | <b>Occupied Bandwidth SG [kHz]</b> | <b>Occupied Bandwidth Booster [kHz]</b> | <b>Delta Occupied Bandwidth [kHz]</b> | <b>Limit Delta Occupied Bandwidth [kHz]</b> | <b>Margin to Limit [kHz]</b> |
| 4K00F3E at $f_m$                      | 0.3 dB < AGC       | 807.5000                      | 4.170                              | 4.040                                   | 0.130                                 | 0.200                                       | 0.070                        |
| 4K00F3E at $f_m$                      | 3 dB > AGC         | 807.5000                      | 4.070                              | 4.040                                   | 0.030                                 | 0.200                                       | 0.170                        |
|                                       |                    |                               |                                    |   |                                       |   |                              |
| 11K3F3E at $f_m$                      | 0.3 dB < AGC       | 807.5000                      | 10.909                             | 10.759                                  | 0.150                                 | 0.565                                       | 0.415                        |
| 11K3F3E at $f_m$                      | 3 dB > AGC         | 807.5000                      | 10.819                             | 10.759                                  | 0.060                                 | 0.565                                       | 0.505                        |
|                                       |                    |                               |                                    |   |                                       |   |                              |
| 8K10F1D at $f_m$                      | 0.3 dB < AGC       | 807.5000                      | 8.289                              | 8.049                                   | 0.240                                 | 0.405                                       | 0.165                        |
| 8K10F1D at $f_m$                      | 3 dB > AGC         | 807.5000                      | 8.179                              | 8.049                                   | 0.130                                 | 0.405                                       | 0.275                        |
|                                       |                    |                               |                                    |   |                                       |   |                              |
| 9K80D7W at $f_m$                      | 0.3 dB < AGC       | 807.5000                      | 10.049                             | 9.799                                   | 0.250                                 | 0.490                                       | 0.240                        |
| 9K80D7W at $f_m$                      | 3 dB > AGC         | 807.5000                      | 9.899                              | 9.789                                   | 0.110                                 | 0.490                                       | 0.380                        |

| <b>Band 809 MHz – 817 MHz, uplink</b> |                    |                               |                                    |   |                                       |   |                              |
|---------------------------------------|--------------------|-------------------------------|------------------------------------|---|---------------------------------------|---|------------------------------|
| <b>Emission Designator</b>            | <b>Input Power</b> | <b>Signal Frequency [MHz]</b> | <b>Occupied Bandwidth SG [kHz]</b> | <b>Occupied Bandwidth Booster [kHz]</b> | <b>Delta Occupied Bandwidth [kHz]</b> | <b>Limit Delta Occupied Bandwidth [kHz]</b> | <b>Margin to Limit [kHz]</b> |
| 4K00F3E at $f_m$                      | 0.3 dB < AGC       | 813.0000                      | 4.090                              | 4.040                                   | 0.050                                 | 0.200                                       | 0.150                        |
| 4K00F3E at $f_m$                      | 3 dB > AGC         | 813.0000                      | 4.060                              | 4.040                                   | 0.020                                 | 0.200                                       | 0.180                        |
|                                       |                    |                               |                                    |   |                                       |   |                              |
| 11K3F3E at $f_m$                      | 0.3 dB < AGC       | 813.0000                      | 10.849                             | 10.759                                  | 0.090                                 | 0.565                                       | 0.475                        |
| 11K3F3E at $f_m$                      | 3 dB > AGC         | 813.0000                      | 10.799                             | 10.759                                  | 0.040                                 | 0.565                                       | 0.525                        |
|                                       |                    |                               |                                    |   |                                       |   |                              |
| 8K10F1D at $f_m$                      | 0.3 dB < AGC       | 813.0000                      | 8.219                              | 8.049                                   | 0.170                                 | 0.405                                       | 0.235                        |
| 8K10F1D at $f_m$                      | 3 dB > AGC         | 813.0000                      | 8.129                              | 8.049                                   | 0.080                                 | 0.405                                       | 0.325                        |
|                                       |                    |                               |                                    |   |                                       |   |                              |
| 9K80D7W at $f_m$                      | 0.3 dB < AGC       | 813.000                       | 9.969                              | 9.809                                   | 0.160                                 | 0.490                                       | 0.330                        |
| 9K80D7W at $f_m$                      | 3 dB > AGC         | 813.000                       | 9.859                              | 9.789                                   | 0.070                                 | 0.490                                       | 0.420                        |

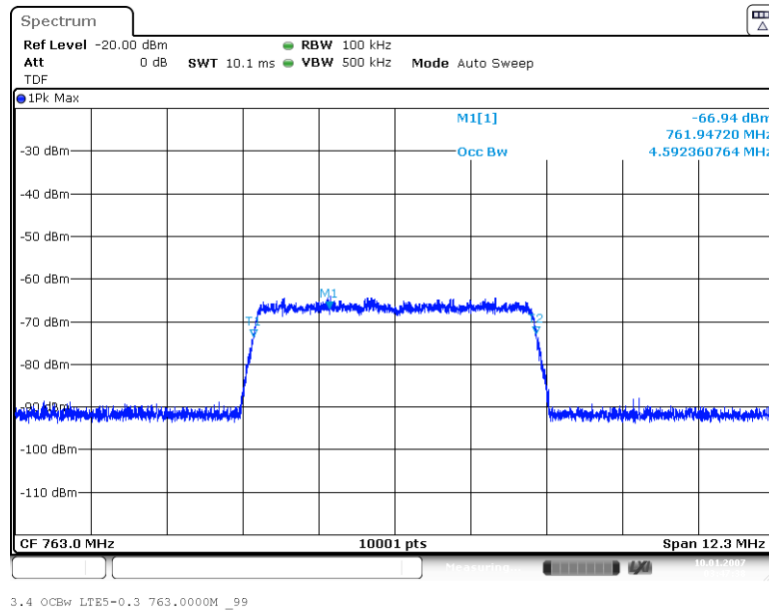
| <b>Band 817 MHz – 824 MHz, uplink</b> |                    |                               |                                    |   |                                       |   |                              |
|---------------------------------------|--------------------|-------------------------------|------------------------------------|---|---------------------------------------|---|------------------------------|
| <b>Emission Designator</b>            | <b>Input Power</b> | <b>Signal Frequency [MHz]</b> | <b>Occupied Bandwidth SG [kHz]</b> | <b>Occupied Bandwidth Booster [kHz]</b> | <b>Delta Occupied Bandwidth [kHz]</b> | <b>Limit Delta Occupied Bandwidth [kHz]</b> | <b>Margin to Limit [kHz]</b> |
| 4K00F3E at $f_m$                      | 0.3 dB < AGC       | 820.500                       | 4.060                              | 4.040                                   | 0.020                                 | 0,200                                       | 0.180                        |
| 4K00F3E at $f_m$                      | 3 dB > AGC         | 820.500                       | 4.080                              | 4.040                                   | 0.040                                 | 0.200                                       | 0.160                        |
|                                       |                    |                               |                                    |   |                                       |   |                              |
| 11K3F3E at $f_m$                      | 0.3 dB < AGC       | 820.500                       | 10.969                             | 10.759                                  | 0.210                                 | 0.565                                       | 0.355                        |
| 11K3F3E at $f_m$                      | 3 dB > AGC         | 820.500                       | 10.829                             | 10.759                                  | 0.070                                 | 0.565                                       | 0.495                        |
|                                       |                    |                               |                                    |   |                                       |   |                              |
| 8K10F1D at $f_m$                      | 0.3 dB < AGC       | 820.500                       | 8.319                              | 8.049                                   | 0.270                                 | 0.405                                       | 0.135                        |
| 8K10F1D at $f_m$                      | 3 dB > AGC         | 820.500                       | 8.199                              | 8.049                                   | 0.150                                 | 0.405                                       | 0.255                        |
|                                       |                    |                               |                                    |   |                                       |   |                              |
| 9K80D7W at $f_m$                      | 0.3 dB < AGC       | 820.500                       | 10.079                             | 9.799                                   | 0.270                                 | 0.490                                       | 0.220                        |
| 9K80D7W at $f_m$                      | 3 dB > AGC         | 820.500                       | 9.929                              | 9.809                                   | 0.120                                 | 0.490                                       | 0.370                        |
|                                       |                    |                               |                                    |   |                                       |   |                              |
| 16K0F3E at $f_m$                      | 0.3 dB < AGC       | 820.500                       | 16.018                             | 15.898                                  | 0.120                                 | 0.800                                       | 0.680                        |
| 16K0F3E at $f_m$                      | 3 dB > AGC         | 820.500                       | 16.168                             | 15.898                                  | 0.270                                 | 0.800                                       | 0.530                        |

Remark: Please see next sub-clause for the measurement plot.

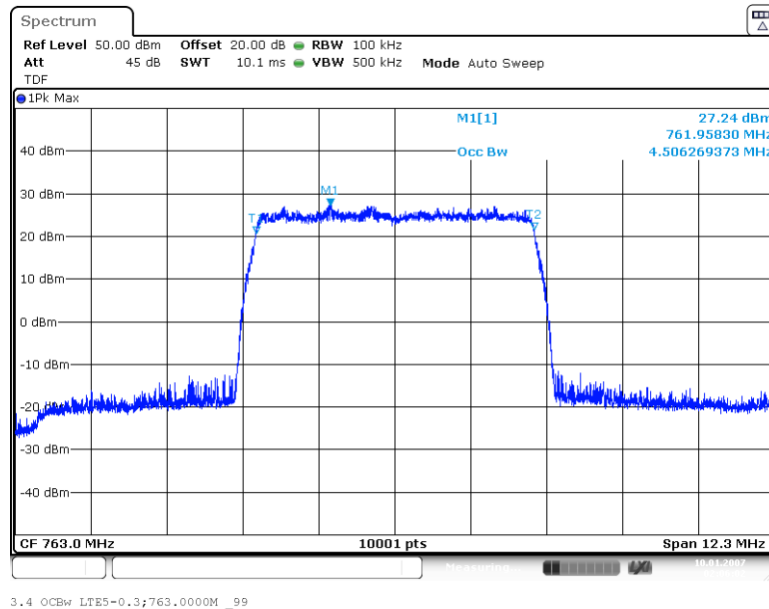
#### 4.2.9 MEASUREMENT PLOT (SHOWING THE HIGHEST VALUE, "WORST CASE")

##### 4.2.9.1 FREQUENCY BAND = 758 MHz – 768 MHz

Frequency Band = 758 MHz – 768 MHz, Direction = RF downlink,  
 Input Power = 0.3 dB < AGC, at **fm** Signal Type = 5M00G7D  
 (S01\_AA01)

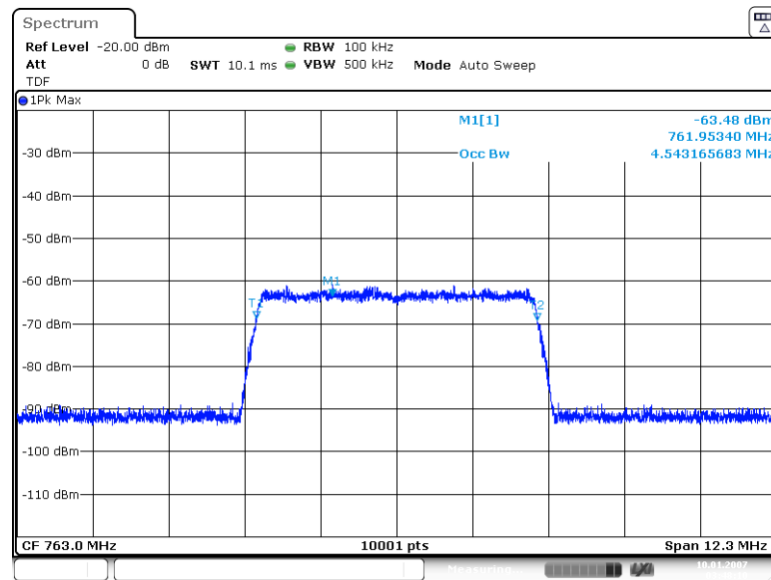


Input Signal

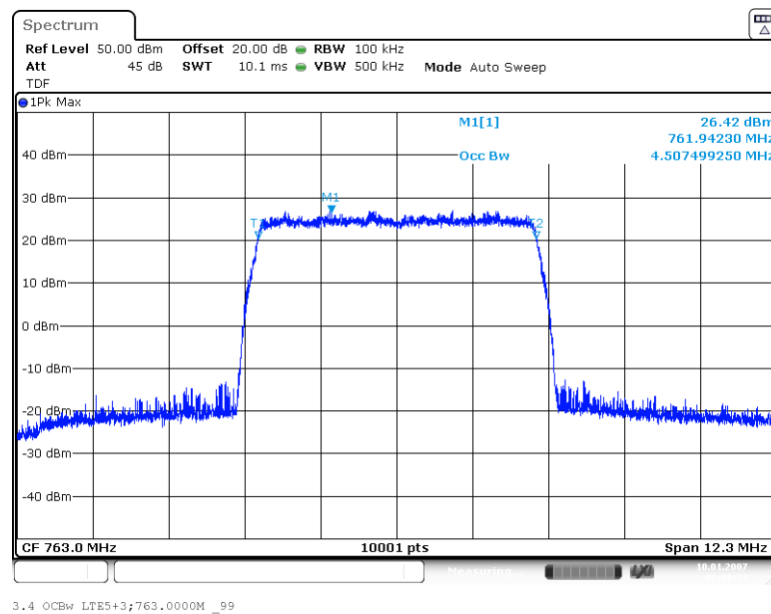


Output Signal

Frequency Band = 758 MHz – 768 MHz, Direction = RF downlink,  
 Input Power = 3 dB > AGC, at **fm** Signal Type = 5M00G7D  
 (S01\_AA01)



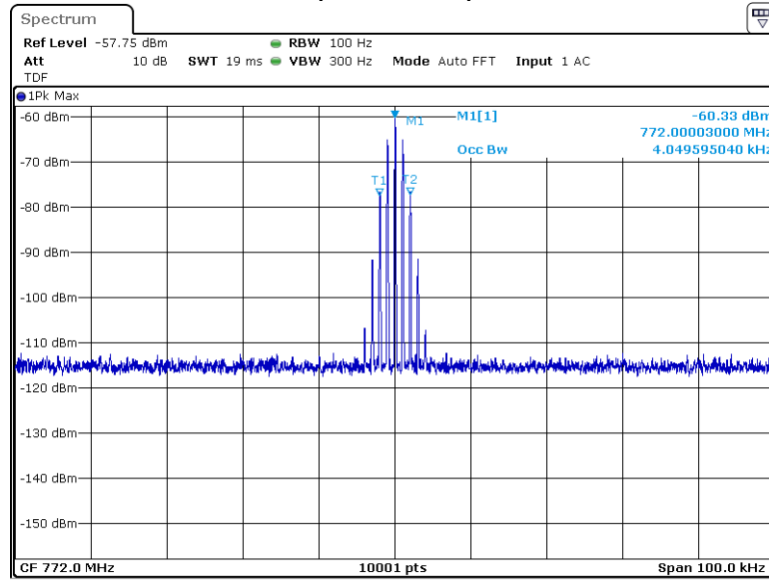
Input Signal



Output Signal

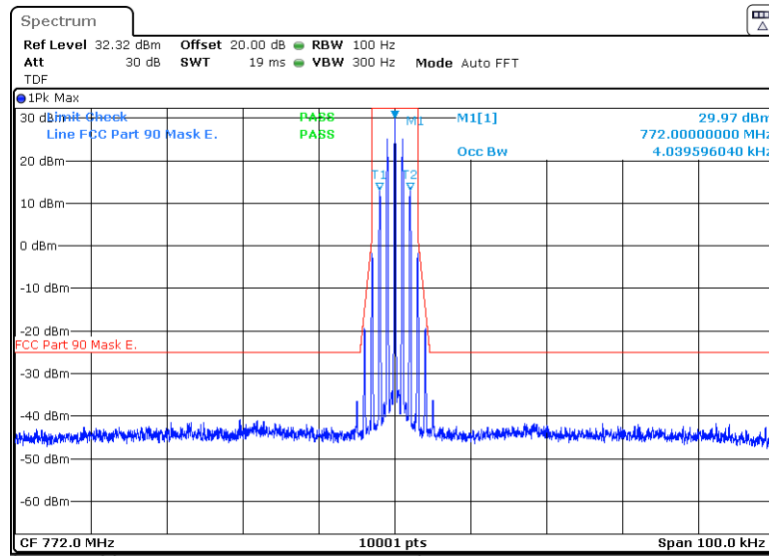
#### 4.2.9.2 FREQUENCY BAND = 769 MHz – 775 MHz

Frequency Band = 769 MHz – 775 MHz, Direction = RF downlink,  
 Input Power = 0.3 dB < AGC, at **fm** Signal Type = 4K00F3E  
 (S01\_AA01)



4K00F3Eohne-0.3;772.000000M\_99

Input Signal

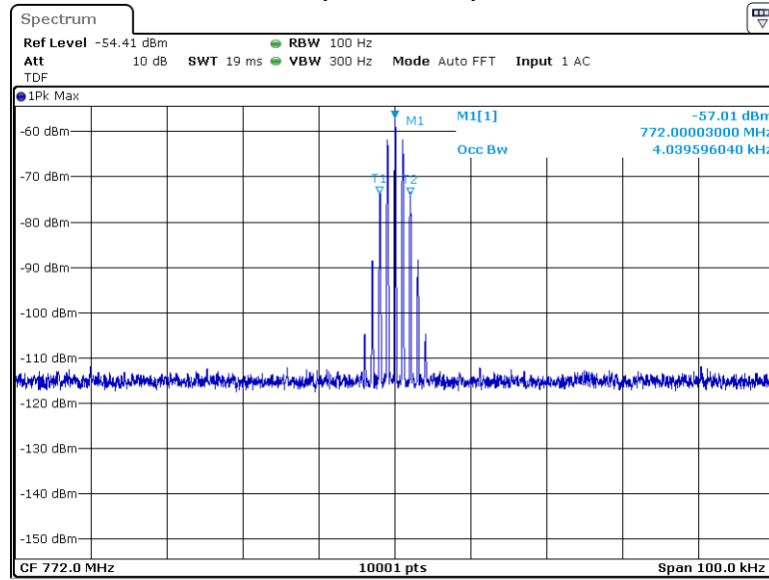


4K00F3E\_E -0.3;772.000000M\_99

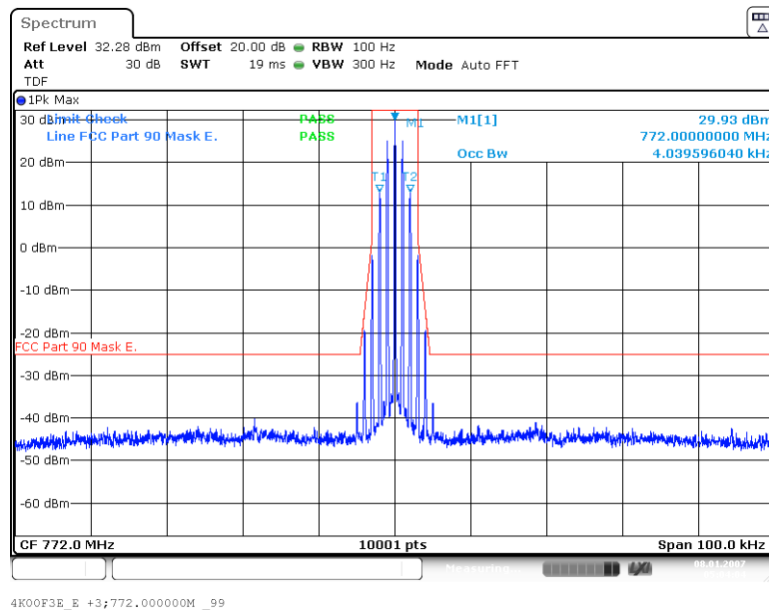
Output Signal



Frequency Band = 769 MHz – 775 MHz, Direction = RF downlink,  
Input Power = 3 dB > AGC, at **fm** Signal Type = 4K00F3E  
(S01\_AA01)

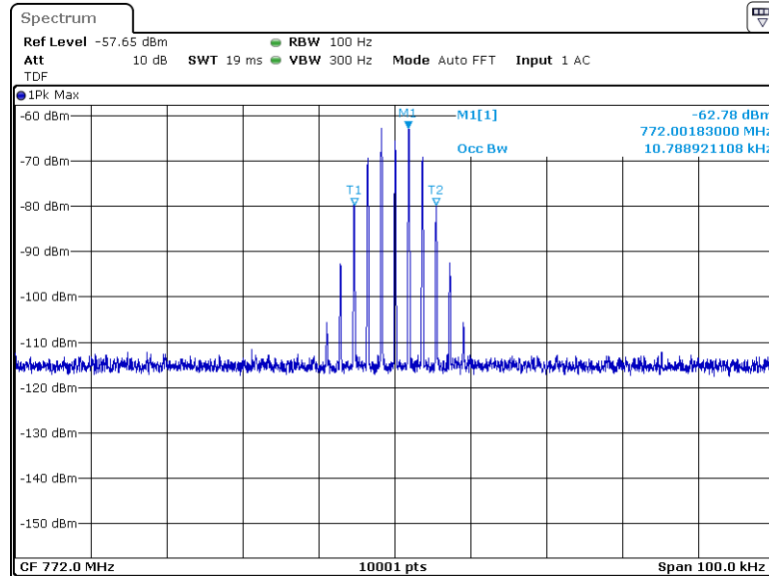


Input Signal



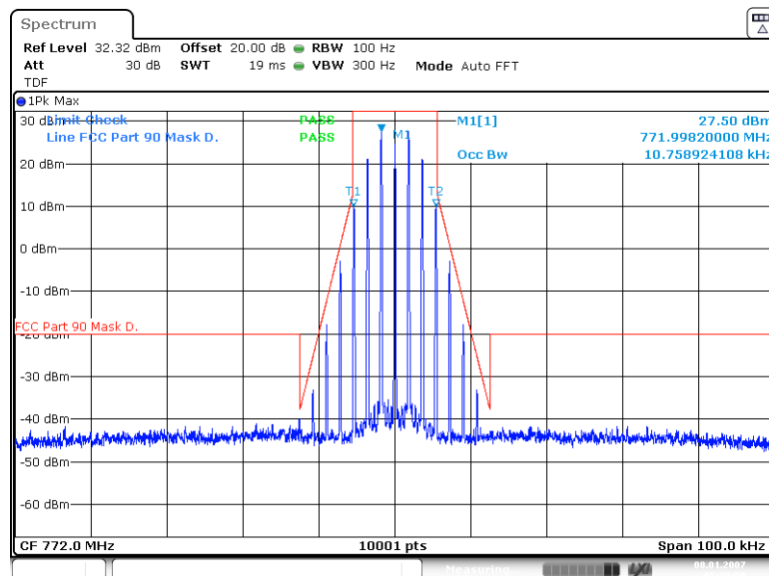
Output Signal

Frequency Band = 769 MHz – 775 MHz, Direction = RF downlink,  
 Input Power = 0.3 dB < AGC, at **fm** Signal Type = 11K3F3E  
 (S01\_AA01)



11K3F3Eohne-0.3;772.000000M \_99

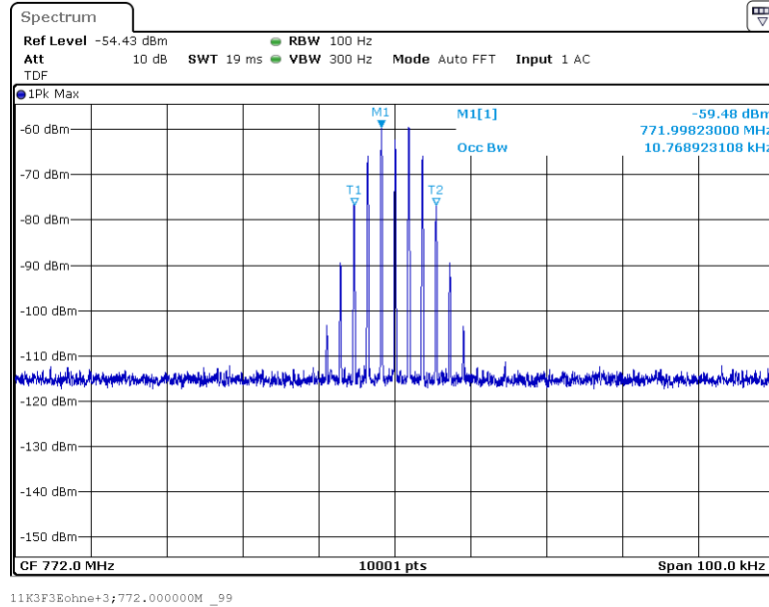
Input Signal



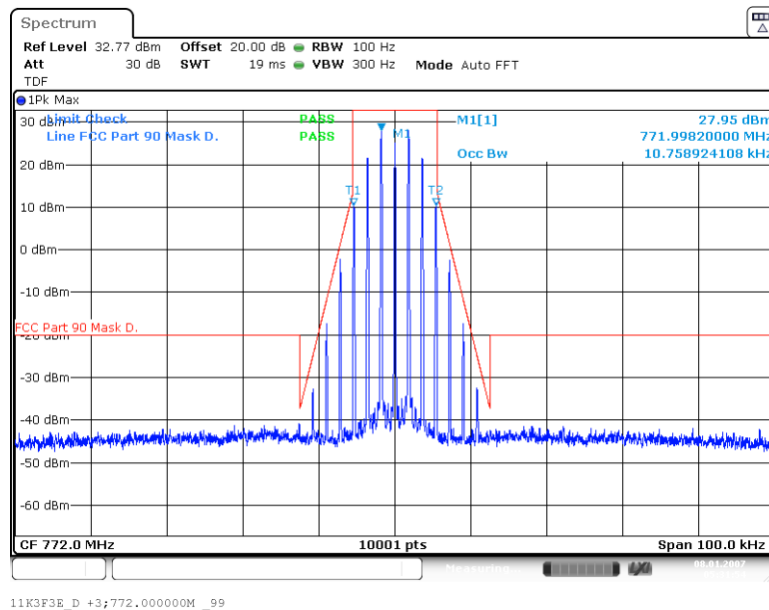
11K3F3E\_D -0.3;772.000000M \_99

Output Signal

Frequency Band = 769 MHz – 775 MHz, Direction = RF downlink,  
Input Power = 3 dB > AGC, at **fm** Signal Type = 11K3F3E  
(S01\_AA01)

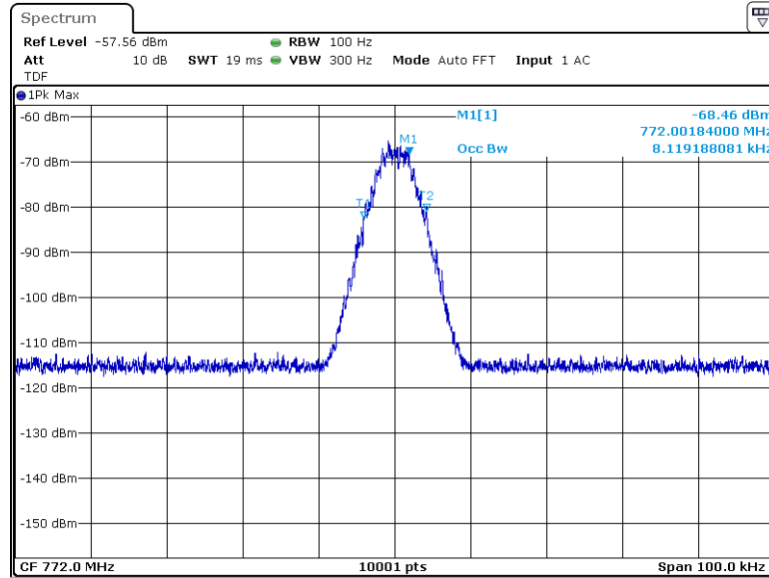


Input Signal



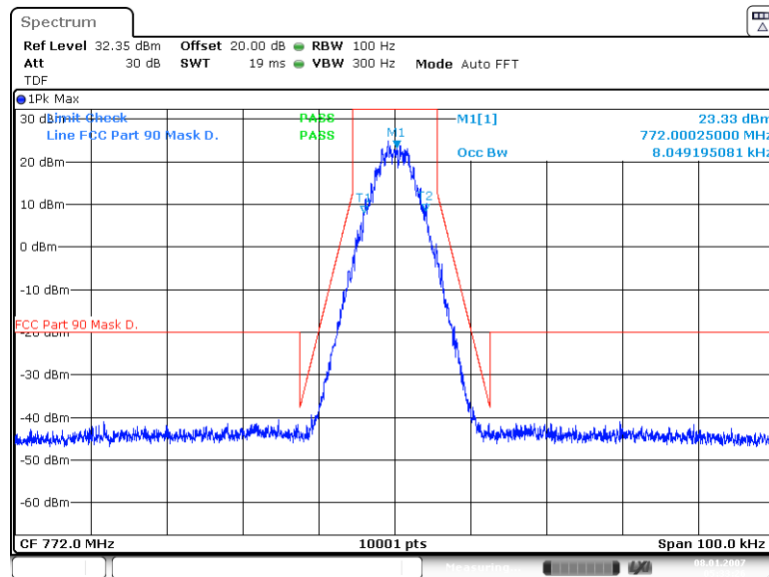
Output Signal

Frequency Band = 769 MHz – 775 MHz, Direction = RF downlink,  
 Input Power = 0.3 dB < AGC, at **fm** Signal Type = 8K10F1D  
 (S01\_AA01)



8K10F1Dohne-0.3;772.000000M \_99

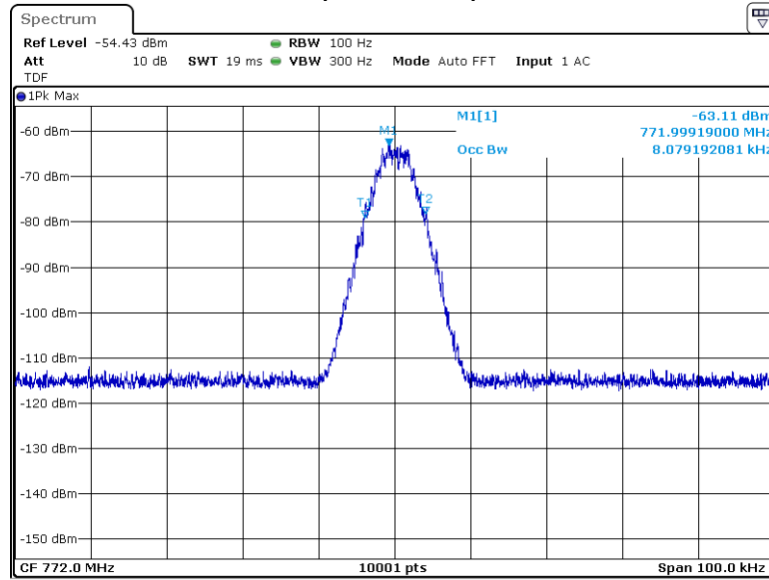
Input Signal



8K10F1D\_D -0.3;772.000000M \_99

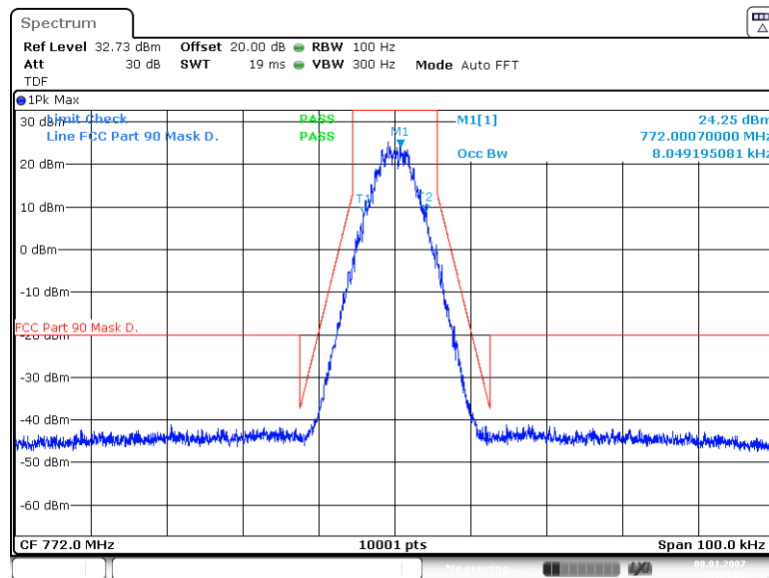
Output Signal

Frequency Band = 769 MHz – 775 MHz, Direction = RF downlink,  
Input Power = 3 dB > AGC, at **fm** Signal Type = 8K10F1D  
(S01\_AA01)



8K10F1Dohne+3;772.000000M\_99

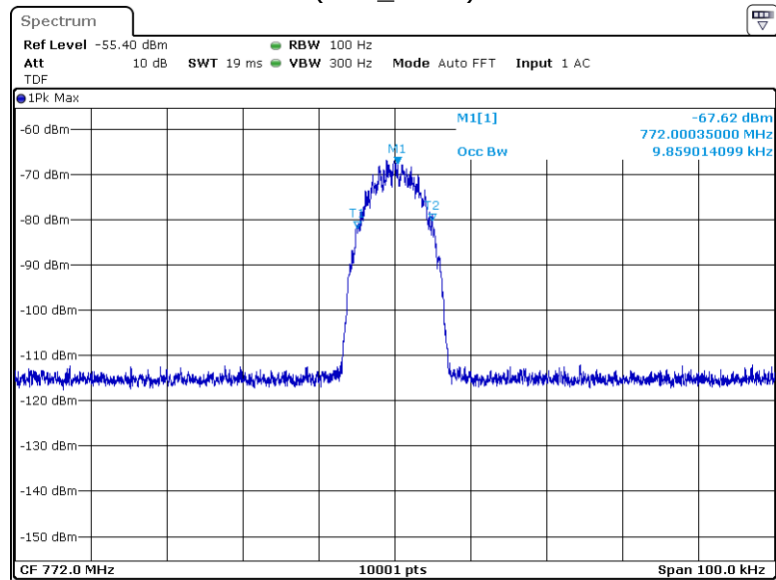
Input Signal



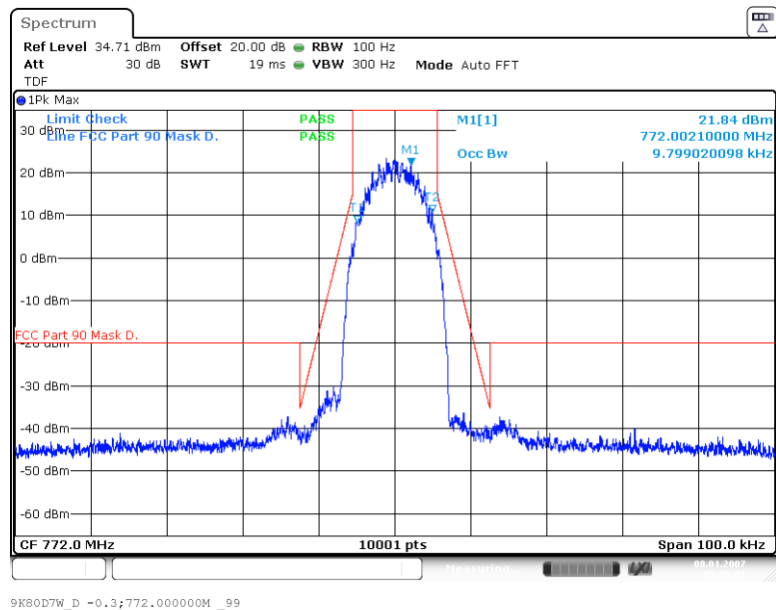
8K10F1D\_D +3;772.000000M\_99

Output Signal

Frequency Band = 769 MHz – 775 MHz, Direction = RF downlink,  
Input Power = 0.3 dB < AGC, at **fm** Signal Type = 9K80D7W  
(S01\_AA01)

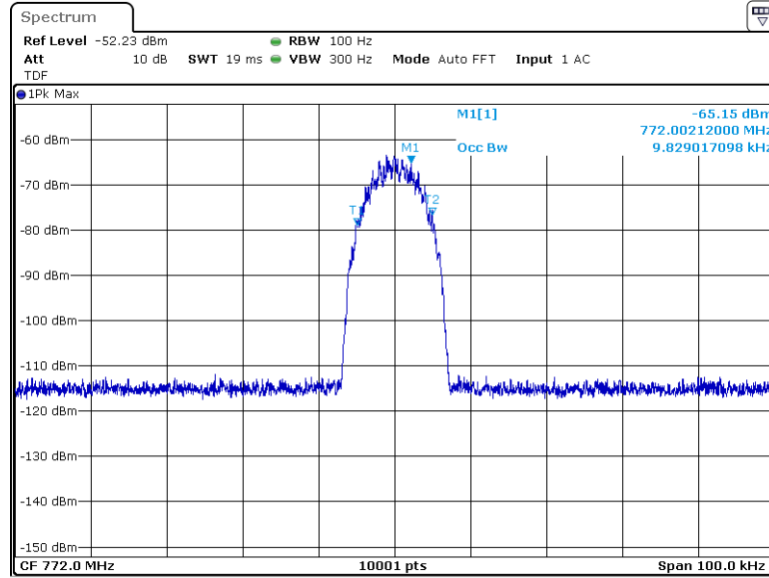


Input Signal

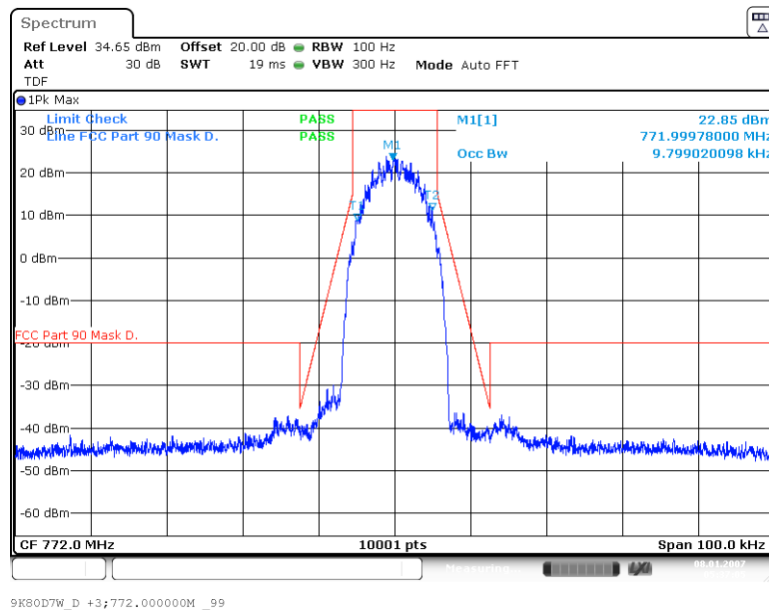


Output Signal

Frequency Band = 769 MHz – 775 MHz, Direction = RF downlink,  
 Input Power = 3 dB > AGC, at **fm** Signal Type = 9K80D7W  
 (S01\_AA01)



Input Signal



Output Signal